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INTERVENTO

**FONDO COMPLEMENTARE AL PIANO NAZIONALE DI RIPRESA E RESILIENZA
PROGRAMMA "SICURO, VERDE E SOCIALE: RIQUALIFICAZIONE DELL'EDILIZIA RESIDENZIALE PUBBLICA"**

**PROGETTO DI MANUTENZIONE STRAORDINARIA PER IL RESTAURO E RISANAMENTO
CONSERVATIVO DI DUE CASAMENTI A CORTE SITI IN
COMUNE DI BOLOGNA LOCALITA' CIRENAICA.
VIA LIBIA CIV. 29÷51 PER COMPLESSIVI 70 ALLOGGI
DI ERP CON RELATIVE PERTINENZE E PARTI COMUNI**

LOTTO **3053/PN_2**

PROGETTO ESECUTIVO

TAV. TAB_22		OGGETTO TABULATI DI CALCOLO CIVICO 51 STATO DI PROGETTO			DATA Settembre 2022		
SCALA					N. DISEGNO		
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**TABULATI DI CALCOLO
CIVICO 51
STATO DI PROGETTO**



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1 Risultati numerici

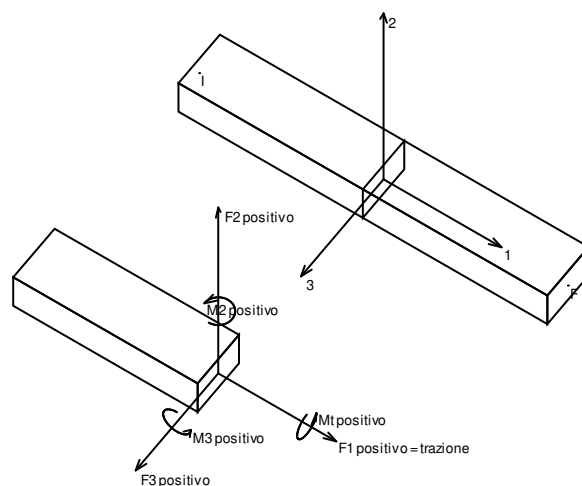
1.1 Sollecitazioni

1.1.1 Sollecitazioni aste

1.1.1.1 Convenzioni di segno aste

Le abbreviazioni relative alle sollecitazioni sugli elementi aste sono da intendersi:

- F1 (N): sforzo normale nell'asta;
- F2: sforzo di taglio agente nella direzione dell'asse locale 2;
- F3: sforzo di taglio agente nella direzione dell'asse locale 3;
- M1 (Mt): momento attorno all'asse locale 1; equivale al momento torcente;
- M2: momento attorno all'asse locale 2;
- M3: momento attorno all'asse locale 3.



La convenzione sui segni per i parametri di sollecitazione delle aste è la seguente:

presa un'asta con nodo iniziale i e nodo finale f , asse 1 che va da i a f , assi 2 e 3 presi secondo quanto indicato nei paragrafi successivi relativi al sistema locale delle aste sezionando l'asta in un punto e considerando la sezione sinistra del punto in cui si è effettuato il taglio (sezione da cui esce il versore asse 1) i parametri di sollecitazione sono positivi se hanno verso e direzione concordi con il sistema di riferimento locale dell'asta 1, 2, 3 (per i momenti si adotta la regola della mano destra).

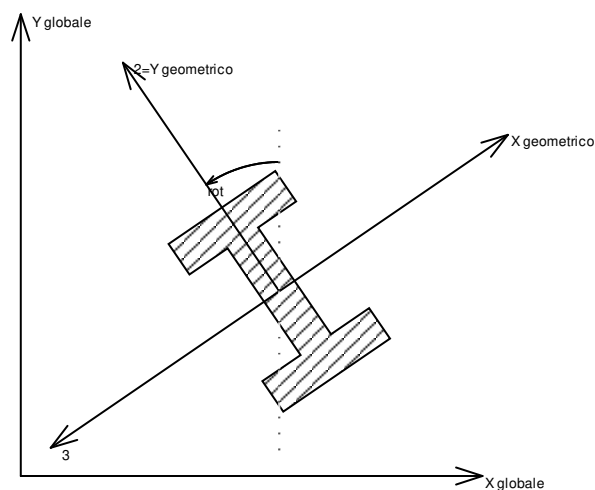
Il sistema è definito diversamente per tre categorie di aste, a seconda che siano originate da:

- aste verticali ad esempio pilastri e colonne;
- aste non verticali non di c.a., ad esempio travi di acciaio o legno;
- aste non verticali in c.a.: travi in c.a. di piano, falda o a quota generica.

Nel seguito si indica con 1, 2 e 3 il sistema locale dell'asta che non sempre coincide con gli assi principali della sezione. Si ricorda che per assi principali si intendono gli assi rispetto a cui si ha il raggio di inerzia minimo e massimo. Gli assi 1, 2 e 3 rispettano la regola della mano destra.

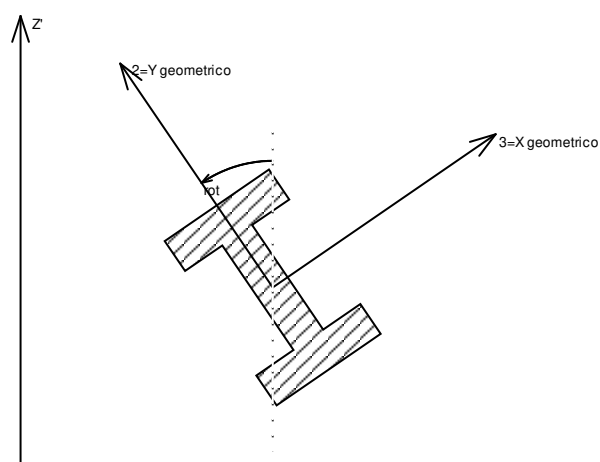


Sistema locale aste verticali



Nella figura si considera l'asse 1 uscente dal foglio (l'osservatore guarda in direzione opposta a quella dell'asse 1).

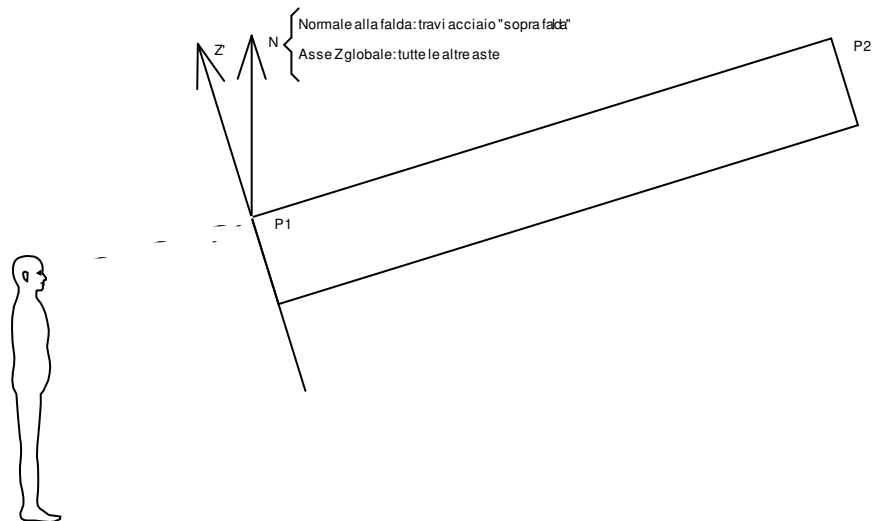
Sistema locale aste non verticali



Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1).

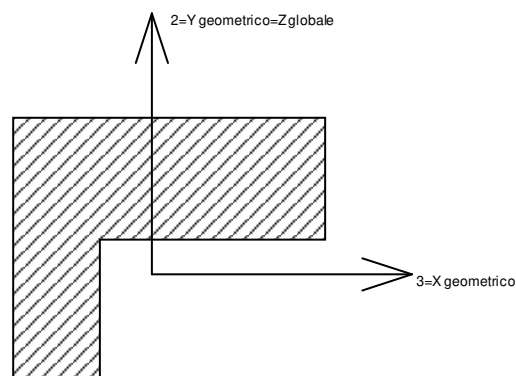
L'asse Z' è illustrato nella figura seguente dove:

- P1 è il punto di inserimento iniziale dell'asta;
- P2 è il punto di inserimento finale dell'asta;
- N è la normale al piano o falda di inserimento;



Z' è quindi l'intersezione tra il piano passante per P1, P2 contenente N e il piano della sezione iniziale dell'asta.

Sistema locale aste derivanti da travi in c.a.



Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1). L'asse 2 è sempre verticale e quindi coincidente con l'asse Z globale nonché con l'asse y geometrico. L'asse 3 coincide con l'asse x geometrico. Si sottolinea il fatto che gli assi 2 e 3 non corrispondono agli assi principali della sezione.

1.1.1.2 Sollecitazioni estreme aste

Asta: elemento asta a cui si riferiscono le sollecitazioni.

Ind.: indice dell'asta.

Cont.: contesto a cui si riferisce la sollecitazione

N.br.: nome breve della condizione o combinazione di carico.

Pos.: numero della sezione all'interno dell'asta (tra 1 e 31, dove 1 corrisponde alla sezione al nodo iniziale, 16 è la sezione in mezzzeria, 31 corrisponde alla sezione al nodo finale).

Posizione: posizione a cui si riferisce la sollecitazione dell'asta.

X: componente X della posizione a cui si riferisce la sollecitazione dell'asta. [m]

Y: componente Y della posizione a cui si riferisce la sollecitazione dell'asta. [m]

Z: componente Z della posizione a cui si riferisce la sollecitazione dell'asta. [m]

Soll.traslazionale: componente traslazionale della sollecitazione dell'asta.

F1: componente F1 della sollecitazione dell'asta. [kN]

F2: componente F2 della sollecitazione dell'asta. [kN]

F3: componente F3 della sollecitazione dell'asta. [kN]

Soll.rotazionale: componente rotazionale della sollecitazione dell'asta.

M1: componente M1 della sollecitazione dell'asta. [kN*m]

M2: componente M2 della sollecitazione dell'asta. [kN*m]

M3: componente M3 della sollecitazione dell'asta. [kN*m]

Sollecitazioni con sforzo normale (N) minimo

Vengono mostrate le sole 5 aste più sollecitate.

Asta	Cont.	Pos.	Posizione	Soll.traslazionale	Soll.rotazionale
------	-------	------	-----------	--------------------	------------------



Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
897	SLV 16	1	-5.09	6.34	15.06	-653.89	-54.88	22.4	1.0701	-1.3067	34.4665
435	SLV 15	31	-6.52	-3.28	-1.56	-384.01	1.86	-75.64	0.0399	-42.1115	-46.2224
434	SLV 15	31	-6.52	-2.89	-1.56	-328.33	-4.73	-67.97	0.0326	-30.872	-32.8675
564	SLV 3	31	-14.65	6.23	-1.56	-327.66	114.04	43.07	-4.9843	-17.8687	43.1501
643	SLV 15	31	-6.02	0.65	-1.56	-295.02	-26.21	-12.2	0.0121	10.7918	-13.0689

Sollecitazioni con sforzo normale (N) massimo

Vengono mostrate le sole 5 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
897	SLV 1	1	-5.09	6.34	15.06	482.51	44.49	-12.58	-1.1262	0.7337	-26.0502
435	SLV 2	31	-6.52	-3.28	-1.56	228.38	-92.34	67.45	0.1674	32.4282	-3.8521
731	SLV X	31	-18.25	-3.28	-1.56	200.55	-14.68	-53.28	-0.0915	-25.3045	14.8873
388	SLV 1	31	-15.31	6.16	-1.56	189.92	-230.69	-61.79	0.1818	6.4471	-18.6172
653	SLV 15	1	-6.02	-2.89	-1.56	188.42	66.56	-67.91	-0.0169	-13.8803	-34.1558

Sollecitazioni con momento M2 minimo

Vengono mostrate le sole 5 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
839	SLV 2	1	-13.11	-0.33	-1.56	-138.01	-15.69	53.96	0.0482	-135.0823	-4.8414
317	SLV 15	1	-5.41	6.58	-1.56	-37.86	118.69	163.79	4.0354	-99.4378	-52.9857
707	SLV 2	31	-18.5	-2.93	-1.56	-169.32	-112.72	-192.64	1.1189	-96.1189	96.142
710	SLV 13	31	-14.11	-3.28	-1.56	34.79	-130.37	-87.46	-1.6814	-94.4258	22.4253
449	SLV 15	1	-5.16	0.8	-1.56	-250.74	-44.42	225.82	0.269	-91.2631	-67.1384

Sollecitazioni con momento M2 massimo

Vengono mostrate le sole 5 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
704	SLV 2	1	-17.05	-2.93	-1.56	-64.33	33.1	-198.01	-0.5029	136.9462	39.849
663	SLV 13	31	-7.72	-2.93	-1.56	-99.45	-16.52	225.41	0.3484	130.3558	35.5912
683	SLV 2	31	-11.36	-3.28	-1.56	-62.55	-76.59	112.23	5.0565	126.368	-4.6187
839	SLV X	1	-13.11	-0.33	-1.56	35.49	-0.12	-50.72	-0.0228	106.1921	-0.3839
449	SLV 15	31	-6.02	0.8	-1.56	-261.4	-121.32	229.66	0.2698	104.6043	5.695

Sollecitazioni con momento M3 minimo

Vengono mostrate le sole 5 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
369	SLV 3	1	-19.87	5.88	-1.56	-71.38	-79.93	-27	0.8804	8.2363	-165.9468
388	SLU 83	1	-15.31	6.58	-1.56	11.87	-259.89	-6.44	-0.1722	3.3558	-136.4392
380	SLV 1	31	-19.37	4.85	-1.56	46.36	37.28	-12.48	-0.1073	-11.1816	-131.0194
406	SLU 83	1	-9.48	6.58	-1.56	2.15	-234.36	1.73	0.1575	-0.5685	-127.9548
290	SLV 4	31	-24.4	5.47	-1.56	-24.17	13.46	-32.11	9.2221	14.0385	-120.7685

Sollecitazioni con momento M3 massimo

Vengono mostrate le sole 5 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
619	SLV 15	1	-0.47	1.05	-1.56	-115.8	308.94	39.65	-4.0664	5.6203	228.5958
606	SLV 14	31	-0.47	1.05	-1.56	-152.74	-282.23	-52.95	4.3848	-37.6964	216.5371
554	SLU 83	31	-15.06	6.23	-1.56	-247.95	-259.56	-1.64	2.9007	29.8663	204.4148
577	SLU 83	1	-9.73	6.23	-1.56	-250.81	250.82	-6.3	-2.6789	35.9671	192.6689
773	SLV 4	1	-24.4	1.05	-1.56	-96.42	253.54	-33.83	3.1932	1.8796	176.6238

1.1.2 Sollecitazioni gusci

1.1.2.1 Convenzioni di segno gusci

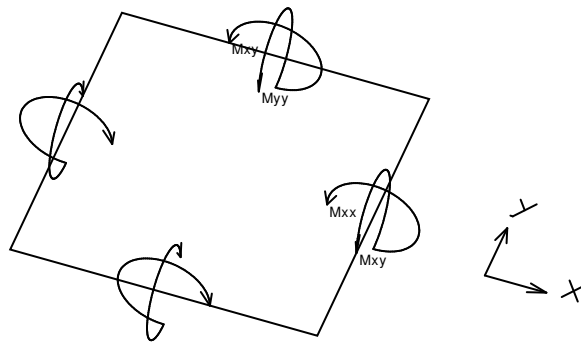
Sono individuate distinte convenzioni di segno in relazione al tipo di elemento strutturale a cui il guscio si riferisce:

- convenzione per gusci non verticali, originati ad esempio da piastre e platee;
- convenzione per gusci verticali, originati ad esempio da pareti e muri.

Convenzione di segno per gusci non verticali

Il sistema di riferimento nel quale sono espressi i parametri di sollecitazione è così definito: origine appartenente al piano dell'elemento, asse x e y contenuti nel piano dell'elemento e terzo asse (z) ortogonale al piano dell'elemento a formare una terna destrorsa. In particolare l'asse x ha proiezione in pianta parallela ed equiversa all'asse globale X. Nel caso di piastre orizzontali (caso più comune) gli assi x, y e z locali all'elemento sono paralleli ed equiversi agli assi X, Y e Z globali. Si sottolinea che non ha alcun interesse collocare esattamente nel piano dell'elemento la posizione dell'origine in quanto i parametri di sollecitazione sono invarianti rispetto a tale posizione.

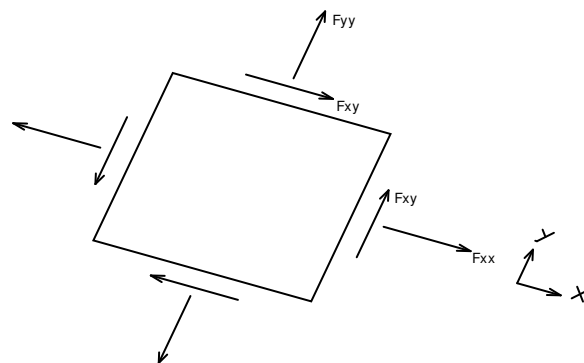
In figura è mostrato un elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione Mxx, Myy, Mxy.



Si definiscono:

- M_{xx} : momento flettente [Forza*Lunghezza/Lunghezza] agente sul bordo di normale x (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{yy} : momento flettente [Forza*Lunghezza/Lunghezza] agente sul bordo di normale y (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{xy} : momento torcente [Forza*Lunghezza/Lunghezza] agente sui bordi (verso positivo indicato dalla freccia in figura).

Per quanto riguarda le sollecitazioni estensionali si faccia riferimento alla figura seguente dove per lo stesso elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione F_{xx} , F_{yy} , F_{xy} .



Si definiscono:

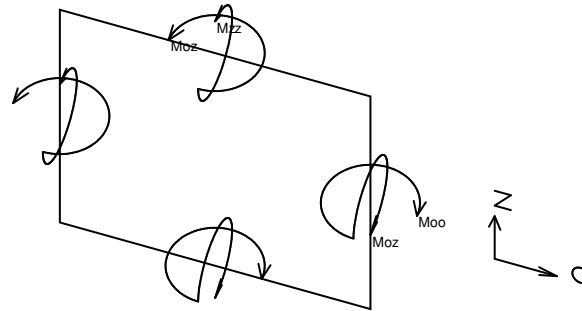
- F_{xx} : sforzo estensionale [Forza/Lunghezza] agente sul bordo di normale x (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{yy} : sforzo estensionale [Forza/Lunghezza] agente sul bordo di normale all'asse y (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{xy} : sforzo di taglio [Forza/Lunghezza] agente sui bordi (verso positivo indicato dalla freccia in figura).

Vengono riportati inoltre i tagli fuori dal piano dell'elemento guscio:

- V_x : taglio fuori piano [Forza/Lunghezza] applicato al bordo di normale parallela all'asse x;
- V_y : taglio fuori piano [Forza/Lunghezza] applicato al bordo di normale parallela all'asse y.

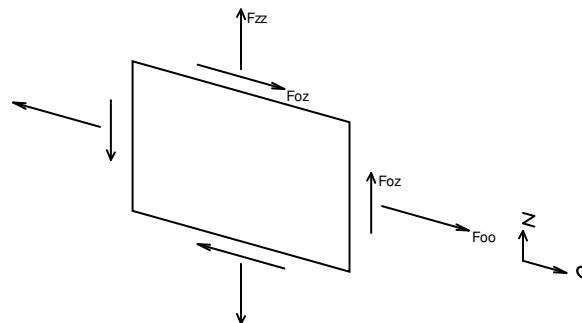
Convenzione di segno per gusci verticali

Il sistema di riferimento nel quale sono espressi i parametri di sollecitazione è così definito: origine appartenente al piano dell'elemento, asse O (ascisse) e z (ordinate) contenuti nel piano dell'elemento e terzo asse ortogonale al piano dell'elemento a formare una terna destrorsa. In particolare l'asse O è orizzontale e l'asse z parallelo ed equiverso con l'asse Z globale. Si sottolinea che non ha alcun interesse collocare esattamente nel piano dell'elemento la posizione dell'origine in quanto i parametri di sollecitazione sono invarianti rispetto a tale posizione. In figura è mostrato un elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione M_{oo} , M_{zz} , M_{oz} .



- Moo: momento flettente distribuito $[Forza * Lunghezza / Lunghezza]$ applicato al bordo di normale parallela all'asse O (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- Mzz: momento flettente distribuito $[Forza * Lunghezza / Lunghezza]$ applicato al bordo di normale parallela all'asse z (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- Moz: momento 'torcente' distribuito $[Forza * Lunghezza / Lunghezza]$ applicato sui bordi (verso positivo indicato dalla freccia in figura).

Per quanto riguarda le sollecitazioni estensionali si faccia riferimento alla figura seguente dove per lo stesso elemento infinitesimo di shell con indicato il sistema di riferimento i parametri di sollecitazione Foo, Fzz, Foz sono rispettivamente:



- Fzz: sforzo tensionale distribuito $[Forza / Lunghezza]$ applicato al bordo di normale parallela all'asse z (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- Foo: sforzo tensionale distribuito $[Forza / Lunghezza]$ applicato al bordo di normale parallela all'asse O (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- Foz: sforzo tagliante distribuito $[Forza / Lunghezza]$ applicato sui bordi (verso positivo indicato dalla freccia in figura).

Vengono riportati inoltre i tagli fuori dal piano dell'elemento guscio:

- Vo: taglio fuori piano applicato al bordo di normale parallela all'asse O;
- Vz: taglio fuori piano applicato al bordo di normale parallela all'asse z.

1.1.2.2 Sollecitazioni estreme gusci

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.

Sollecitazione: valori della sollecitazione.

M11: componente M11 della sollecitazione del guscio nel nodo indicato. $[kN * m / m]$

M12: componente M12 della sollecitazione del guscio nel nodo indicato. $[kN * m / m]$

M22: componente M22 della sollecitazione del guscio nel nodo indicato. $[kN * m / m]$

F11: componente F11 della sollecitazione del guscio nel nodo indicato. $[kN / m]$

F12: componente F12 della sollecitazione del guscio nel nodo indicato. $[kN / m]$

F22: componente F22 della sollecitazione del guscio nel nodo indicato. $[kN / m]$

V13: componente V13 della sollecitazione del guscio nel nodo indicato. $[kN / m]$

V23: componente V23 della sollecitazione del guscio nel nodo indicato. $[kN / m]$

Sollecitazioni con momento M11 minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23



Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
15926	SLU 84	136	-534.21	52	500.79	92	-30	45	-1177	1237
15907	SLU 84	216	-193.58	-43	35.57	-14	45	-33	891	25
15898	SLU 84	192	-178.74	-34.36	38.77	80	16	-89	761	19
15916	SLU 84	239	-128.82	-30.58	70.74	-50	23	10	741	-202
15925	SLV 14	286	-105.9	-20.21	-57.66	-60	18	36	563	769

Sollecitazioni con momento M11 massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
15953	SLU 84	282	259.84	36.79	-18.09	-84	-57	-71	-484	406
15961	SLU 83	272	173.44	29.77	191.45	-742	-151	-402	-297	-1173
15916	SLU 84	216	148.77	-42.59	70.61	-65	41	-26	739	-138
15907	SLU 84	192	141.57	-39.6	71.01	-32	34	-88	890	-125
15917	SLU 83	295	141.2	-30.06	177	-604	127	-334	-244	1101

Sollecitazioni con momento M22 minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
16131	SLV 3	628	16.51	39.39	-192.99	136	-2	-247	42	-449
16116	SLV 2	484	11.96	29.99	-164.2	177	-7	-233	13	-426
16121	SLV 2	484	21.16	-32.95	-147.48	-212	-206	-208	-22	-310
15922	SLV 14	289	-13.09	-24.31	-131.75	20	37	11	28	409
15935	SLU 84	187	2.39	106.54	-129.65	40	-52	-12	-19	-518

Sollecitazioni con momento M22 massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
15926	SLU 84	136	-534.21	52	500.79	92	-30	45	-1177	1237
15925	SLU 84	287	65.71	-37.5	199.56	-59	-11	14	-345	704
15961	SLU 84	272	173.44	30.05	192.46	-738	-148	-396	-296	-1179
16131	SLV X	628	-3.55	-38.39	182.38	-61	27	-188	-68	421
15917	SLU 84	295	141.1	-30.31	177.85	-601	125	-329	-243	1106

Sollecitazioni con sforzo F11 minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
16837	SLV 7	18249	-12.08	-0.35	-4.96	-4578	-19	-459	59	-11
16836	SLV 10	18249	11.47	-0.33	4.29	-4492	119	-453	56	10
16782	SLV 5	18258	10.66	-0.3	2.69	-4047	1051	1082	-57	14
16783	SLV 12	18242	-10.02	-0.29	-2.25	-3772	-1033	1091	-52	-8
15917	SLV 13	248	46.3	-6.01	-31.38	-1395	332	-63	-132	-146

Sollecitazioni con sforzo F11 massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
16836	SLV 7	18249	-12.15	0.34	-4.95	4547	29	115	-59	-12
16837	SLV 10	18249	11.42	0.48	4.31	4507	191	328	-56	9
16782	SLV 12	18258	-10.16	0.3	-2.73	3820	-1403	-1454	54	-14
16783	SLV 5	18242	10.5	0.13	2.16	3700	807	-596	54	8
16756	SLV 1	18660	-0.03	0	-0.09	1218	0	526	0	0

Sollecitazioni con sforzo F22 minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
16752	SLV 1	18933	0.77	0	0.46	-81	1	-2066	-9	-1
16782	SLV 12	18258	-10.16	0.3	-2.73	3820	-1403	-1454	54	-14
4303	SLV 14	2622	2.88	-1.45	7.23	361	-53	-1453	-32	68
16777	SLV 8	18767	0.45	-0.3	0	-227	-57	-1380	19	4
16751	SLV 13	18860	-0.03	0	-0.01	-699	-2	-1332	0	0

Sollecitazioni con sforzo F22 massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	M11	M12	M22	F11	F12	F22	V13	V23
16752	SLV X	18933	-0.68	0	-0.15	57	-1	2009	8	1
16777	SLV 8	18764	-0.06	0.02	0.17	550	79	1819	19	4
16751	SLV 4	18860	0.02	0	0	704	2	1324	0	1
16782	SLV 5	18507	-5.26	0.56	-1.71	1424	-543	1242	56	8
16783	SLV 12	18242	-10.02	-0.29	-2.25	-3772	-1033	1091	-52	-8

1.1.2.3 Sollecitazioni estreme gusci non verticali

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.



Sollecitazione: valori della sollecitazione.

Mxx: componente Mxx della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Mxy: componente Mxy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Myy: componente Myy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Fxx: componente Fxx della sollecitazione del guscio nel nodo indicato. [kN/m]

Fxy: componente Fxy della sollecitazione del guscio nel nodo indicato. [kN/m]

Fyy: componente Fyy della sollecitazione del guscio nel nodo indicato. [kN/m]

Vx: componente Vo della sollecitazione del guscio nel nodo indicato. [kN/m]

Vy: componente Vz della sollecitazione del guscio nel nodo indicato. [kN/m]

Sollecitazioni con momento Mxx minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
15922	SLV 14	289	-130.23	27.75	-14.62	9	-37	22	-408	40
15935	SLU 84	187	-130.1	-106.27	2.83	-12	52	39	518	-20
15955	SLU 84	279	-128.83	-17.93	18.83	-48	-3	-28	139	40
15926	SLU 84	187	-127.38	-185.9	29.99	-45	83	-3	918	-1178
15923	SLV 14	288	-124.88	32.23	-15.44	11	-36	17	-483	55

Sollecitazioni con momento Mxx massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
15926	SLU 84	136	500.83	-51.61	-534.25	45	30	92	-1237	-1178
15925	SLU 84	287	196.4	42.65	68.87	13	14	-58	-689	-373
15961	SLU 84	272	195.03	-29.12	170.88	-409	162	-724	1191	-245
15917	SLU 84	295	180.4	28.61	138.55	-340	-137	-590	-1116	-195
15918	SLU 84	294	109.65	8.24	115.64	-289	-70	-50	-716	-169

Sollecitazioni con momento Myy minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
15926	SLU 84	136	500.83	-51.61	-534.25	45	30	92	-1237	-1178
15907	SLU 84	216	35.39	43.47	-193.4	-33	-45	-14	-27	891
15898	SLU 84	192	38.79	34.27	-178.77	-89	-16	80	-19	761
15916	SLU 84	239	70.05	32.73	-128.14	10	-23	-51	194	743
15927	SLU 84	186	39.18	-24.51	-104.72	30	-11	41	-207	568

Sollecitazioni con momento Myy massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
15953	SLU 84	282	-20.56	-25.7	262.31	-67	57	-88	-425	-467
15961	SLU 83	272	193.99	-28.88	170.91	-415	165	-729	1185	-246
15916	SLU 84	216	69.7	41.74	149.68	-25	-40	-66	130	740
15925	SLU 84	239	97.17	28.44	143.06	4	-4	-104	283	583
15907	SLU 84	192	70.84	39.46	141.73	-88	-34	-32	123	890

Sollecitazioni con sforzo Fxx minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
13187	SLU 84	4016	0.27	0.51	0.67	-687	101	-608	8	6
15917	SLV 13	295	131.73	20.67	85.54	-676	-283	-1342	-861	-121
15961	SLV 2	272	145.18	-21.9	110.55	-673	281	-1327	935	-151
15918	SLV 13	294	76.28	6.72	68.65	-537	-145	-195	-582	-101
15960	SLV 2	273	80.29	-5.76	84.46	-525	132	-174	585	-128

Sollecitazioni con sforzo Fxx massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
15961	SLV X	272	-17.88	3.14	6.85	351	-150	758	-156	-17
13187	SLV 10	3641	0.55	-0.46	0.19	296	-41	264	8	4
15926	SLV 13	136	483.34	-53.45	-440.09	294	-229	49	-1203	-949
15960	SLV X	273	-10.39	2.16	7.48	260	-71	130	-139	-12
5471	SLV 4	4132	0.39	0	2.55	250	2	-492	-9	5

Sollecitazioni con sforzo Fyy minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
15917	SLV 13	248	-30.72	9.34	45.64	-95	-389	-1363	140	-139
15961	SLV 2	235	-33.82	-7.89	62.3	-93	381	-1356	-151	-171
31	SLU 84	1067	0.46	-0.45	4.58	-1	93	-868	2	23
28	SLU 84	1067	-0.59	0.42	-4.76	36	-28	-825	-2	-24
10724	SLV 1	4017	-0.54	-0.2	-1.87	-76	175	-821	-1	-13

Sollecitazioni con sforzo Fyy massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
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Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
15961	SLV X	235	4.18	2.87	-2.6	48	-205	777	15	-14
15846	SLV 2	111	2.78	-0.58	-4.19	195	-234	701	-11	65
16811	SLV 3	18169	0	0	-0.28	-6	-2	555	0	-1
5472	SLV 9	4131	-0.35	0.02	12.65	-36	1	533	3	66
15917	SLV 4	248	-26.6	8.06	56.61	27	126	526	146	-160

1.1.2.4 Sollecitazioni estreme gusci verticali

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.

Sollecitazione: valori della sollecitazione.

Moo: componente Moo della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Moz: componente Moz della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Mzz: componente Mzz della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Foo: componente Foo della sollecitazione del guscio nel nodo indicato. [kN/m]

Foz: componente Foz della sollecitazione del guscio nel nodo indicato. [kN/m]

Fzz: componente Fzz della sollecitazione del guscio nel nodo indicato. [kN/m]

Vo: componente Vo della sollecitazione del guscio nel nodo indicato. [kN/m]

Vz: componente Vz della sollecitazione del guscio nel nodo indicato. [kN/m]

Sollecitazioni con momento Moo minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16121	SLV 15	484	-44.64	34.17	151.77	-73	-291	-406	-23	307
16836	SLV 3	18249	-37.77	0.96	-16.28	2389	41	-9	-185	-41
16837	SLV 3	18249	-37.65	-1.16	-16.36	-2410	22	-271	184	-37
16782	SLV 3	18250	-37.36	2.39	-14.72	-633	218	-208	-181	-10
16783	SLV 3	18250	-37.05	0.75	-14.07	423	194	22	183	-34

Sollecitazioni con momento Moo massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16836	SLV 14	18249	37.09	-0.95	15.62	-2333	106	-329	181	39
16837	SLV 14	18249	36.99	1.29	15.71	2338	150	140	-180	35
16782	SLV 14	18250	36.86	-2.33	14.79	-79	40	-80	179	10
16783	SLV 14	18250	36.59	-0.88	14.22	-22	62	-34	-181	34
16085	SLV 15	2606	25.24	-7.78	-81.75	-78	-24	-164	-56	228

Sollecitazioni con momento Mzz minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16131	SLV 3	628	16.51	39.39	-192.99	136	-2	-247	42	-449
16116	SLV 2	484	11.96	29.99	-164.2	177	-7	-233	13	-426
16121	SLV 2	484	21.16	-32.95	-147.48	-212	-206	-208	-22	-310
16135	SLU 84	2623	2.89	-16.73	-101.64	227	-126	-678	32	322
16085	SLV 15	2606	25.24	-7.78	-81.75	-78	-24	-164	-56	228

Sollecitazioni con momento Mzz massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16131	SLV X	628	-3.55	-38.39	182.38	-61	27	-188	-68	421
16116	SLV 15	484	1.87	-35.41	173.41	-285	173	-480	-56	460
16121	SLV 15	484	-44.64	34.17	151.77	-73	-291	-406	-23	307
16570	SLV 7	586	-11.3	4.09	60.13	364	37	-102	-195	-136
16085	SLV 2	2606	-18.22	4.95	55.62	27	-12	224	42	-154

Sollecitazioni con sforzo Foo minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16837	SLV 7	18249	-12.08	-0.35	-4.96	-4578	-19	-459	59	-11
16836	SLV 10	18249	11.47	-0.33	4.29	-4492	119	-453	56	10
16782	SLV 5	18258	10.66	-0.3	2.69	-4047	1051	1082	-57	14
16783	SLV 12	18242	-10.02	-0.29	-2.25	-3772	-1033	1091	-52	-8
16838	SLV 10	18506	2.69	0.99	1.67	-1206	-232	74	6	5

Sollecitazioni con sforzo Foo massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16836	SLV 7	18249	-12.15	0.34	-4.95	4547	29	115	-59	-12
16837	SLV 10	18249	11.42	0.48	4.31	4507	191	328	-56	9
16782	SLV 12	18258	-10.16	0.3	-2.73	3820	-1403	-1454	54	-14
16783	SLV 5	18242	10.5	0.13	2.16	3700	807	-596	54	8



Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16756	SLV 1	18660	-0.03	0	-0.09	1218	0	526	0	

Sollecitazioni con sforzo Fzz minimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16752	SLV 1	18933	0.77	0	0.46	-81	1	-2066	-9	-1
16782	SLV 12	18258	-10.16	0.3	-2.73	3820	-1403	-1454	54	-14
4303	SLV 14	2622	-2.88	-1.45	-7.23	361	53	-1453	-32	-68
16777	SLV 8	18767	0.45	-0.3	0	-227	-57	-1380	19	4
16751	SLV 13	18860	-0.03	0	-0.01	-699	-2	-1332	0	0

Sollecitazioni con sforzo Fzz massimo

Vengono mostrati i soli 5 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
16752	SLV X	18933	-0.68	0	-0.15	57	-1	2009	8	1
16777	SLV 8	18764	-0.06	0.02	0.17	550	79	1819	19	4
16751	SLV 4	18860	0.02	0	0	704	2	1324	0	1
16782	SLV 5	18507	-5.26	0.56	-1.71	1424	-543	1242	56	8
16783	SLV 12	18242	-10.02	-0.29	-2.25	-3772	-1033	1091	-52	-8

1.1.3 Sollecitazioni gusci armati

1.1.3.1 Convenzioni di segno gusci

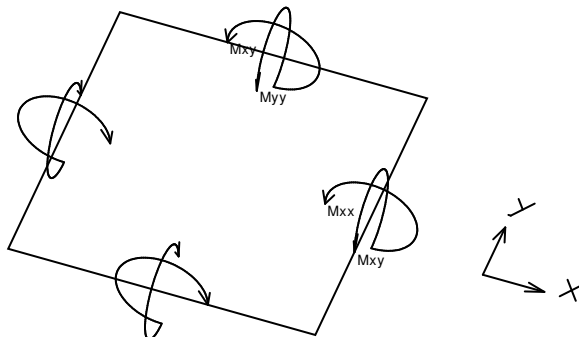
Sono individuate distinte convenzioni di segno in relazione al tipo di elemento strutturale a cui il guscio si riferisce:

- convenzione per gusci non verticali, originati ad esempio da piastre e platee;
- convenzione per gusci verticali, originati ad esempio da pareti e muri.

Convenzione di segno per gusci non verticali

Il sistema di riferimento nel quale sono espressi i parametri di sollecitazione è così definito: origine appartenente al piano dell'elemento, asse x e y contenuti nel piano dell'elemento e terzo asse (z) ortogonale al piano dell'elemento a formare una terna destrorsa. In particolare l'asse x ha proiezione in pianta parallela ed equivale all'asse globale X. Nel caso di piastre orizzontali (caso più comune) gli assi x, y e z locali all'elemento sono paralleli ed equivale agli assi X, Y e Z globali. Si sottolinea che non ha alcun interesse collocare esattamente nel piano dell'elemento la posizione dell'origine in quanto i parametri di sollecitazione sono invarianti rispetto a tale posizione.

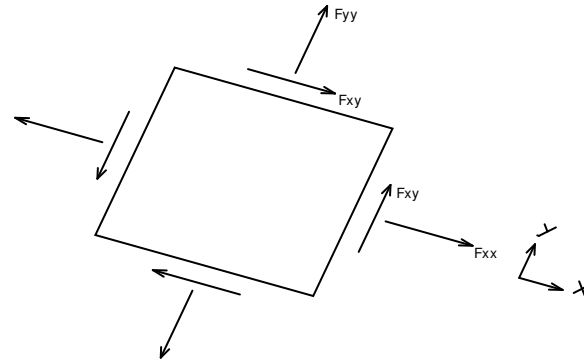
In figura è mostrato un elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione M_{xx} , M_{yy} , M_{xy} .



Si definiscono:

- M_{xx} : momento flettente $[Forza \cdot Lunghezza / Lunghezza]$ agente sul bordo di normale x (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{yy} : momento flettente $[Forza \cdot Lunghezza / Lunghezza]$ agente sul bordo di normale y (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{xy} : momento torcente $[Forza \cdot Lunghezza / Lunghezza]$ agente sui bordi (verso positivo indicato dalla freccia in figura).

Per quanto riguarda le sollecitazioni estensionali si faccia riferimento alla figura seguente dove per lo stesso elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione F_{xx} , F_{yy} , F_{xy} .



Si definiscono:

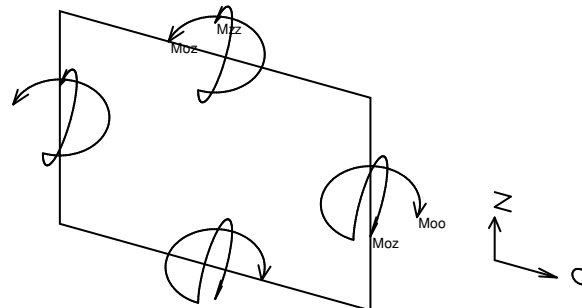
- F_{xx} : sforzo estensionale [Forza/Lunghezza] agente sul bordo di normale x (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{yy} : sforzo estensionale [Forza/Lunghezza] agente sul bordo di normale all'asse y (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{xy} : sforzo di taglio [Forza/Lunghezza] agente sui bordi (verso positivo indicato dalla freccia in figura).

Vengono riportati inoltre i tagli fuori dal piano dell'elemento guscio:

- V_x : taglio fuori piano [Forza/Lunghezza] applicato al bordo di normale parallela all'asse x ;
- V_y : taglio fuori piano [Forza/Lunghezza] applicato al bordo di normale parallela all'asse y .

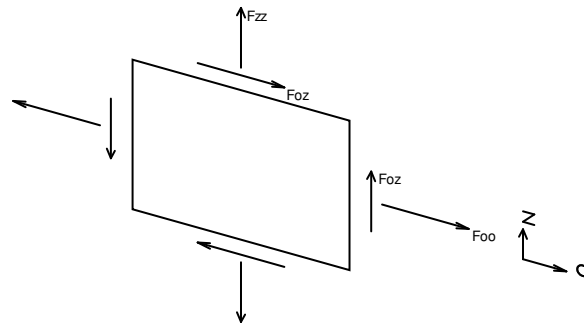
Convenzione di segno per gusci verticali

Il sistema di riferimento nel quale sono espressi i parametri di sollecitazione è così definito: origine appartenente al piano dell'elemento, asse O (ascisse) e z (ordinate) contenuti nel piano dell'elemento e terzo asse ortogonale al piano dell'elemento a formare una terna destrorsa. In particolare l'asse O è orizzontale e l'asse z parallelo ed equiverso con l'asse Z globale. Si sottolinea che non ha alcun interesse collocare esattamente nel piano dell'elemento la posizione dell'origine in quanto i parametri di sollecitazione sono invarianti rispetto a tale posizione. In figura è mostrato un elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione M_{oo} , M_{zz} , M_{oz} .



- M_{oo} : momento flettente distribuito [Forza*Lunghezza/Lunghezza] applicato al bordo di normale parallela all'asse O (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{zz} : momento flettente distribuito [Forza*Lunghezza/Lunghezza] applicato al bordo di normale parallela all'asse z (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{oz} : momento 'torcente' distribuito [Forza*Lunghezza/Lunghezza] applicato sui bordi (verso positivo indicato dalla freccia in figura).

Per quanto riguarda le sollecitazioni estensionali si faccia riferimento alla figura seguente dove per lo stesso elemento infinitesimo di shell con indicato il sistema di riferimento i parametri di sollecitazione F_{oo} , F_{zz} , F_{oz} sono rispettivamente:



- F_{zz} : sforzo tensionale distribuito [Forza/Lunghezza] applicato al bordo di normale parallela all'asse z (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{oy} : sforzo tensionale distribuito [Forza/Lunghezza] applicato al bordo di normale parallela all'asse O (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{oz} : sforzo tagliante distribuito [Forza/Lunghezza] applicato sui bordi (verso positivo indicato dalla freccia in figura).

Vengono riportati inoltre i tagli fuori dal piano dell'elemento guscio:

- V_o : taglio fuori piano applicato al bordo di normale parallela all'asse O ;
- V_z : taglio fuori piano applicato al bordo di normale parallela all'asse z .

1.1.4 Sollecitazioni gusci muratura

1.1.4.1 Convenzioni di segno gusci muratura

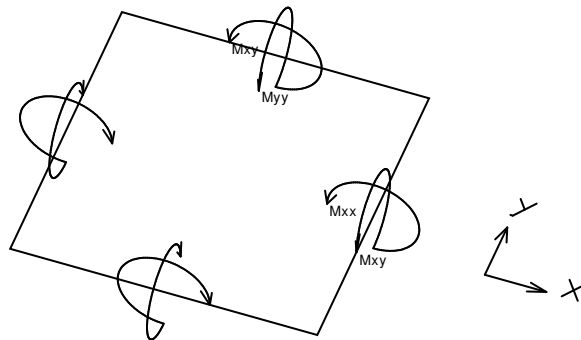
Sono individuate distinte convenzioni di segno in relazione al tipo di elemento strutturale a cui il guscio muratura si riferisce:

- convenzione per gusci non verticali, originati ad esempio da piastre e platee;
- convenzione per gusci verticali, originati ad esempio da pareti e muri.

Convenzione di segno per gusci non verticali

Il sistema di riferimento nel quale sono espressi i parametri di sollecitazione è così definito: origine appartenente al piano dell'elemento, asse x e y contenuti nel piano dell'elemento e terzo asse (z) ortogonale al piano dell'elemento a formare una terna destrorsa. In particolare l'asse x ha proiezione in pianta parallela ed equivale all'asse globale X . Nel caso di piastre orizzontali (caso più comune) gli assi x , y e z locali all'elemento sono paralleli ed equivale agli assi X , Y e Z globali. Si sottolinea che non ha alcun interesse collocare esattamente nel piano dell'elemento la posizione dell'origine in quanto i parametri di sollecitazione sono invarianti rispetto a tale posizione.

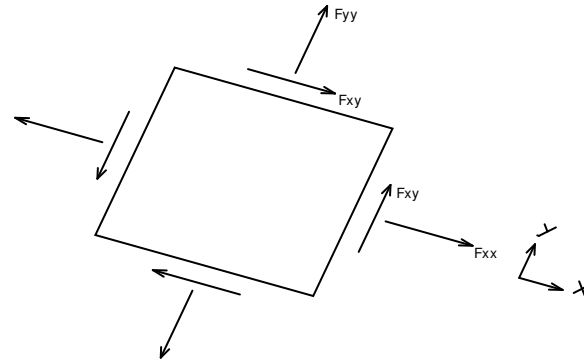
In figura è mostrato un elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione M_{xx} , M_{yy} , M_{xy} .



Si definiscono:

- M_{xx} : momento flettente [Forza*Lunghezza/Lunghezza] agente sul bordo di normale x (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{yy} : momento flettente [Forza*Lunghezza/Lunghezza] agente sul bordo di normale y (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{xy} : momento torcente [Forza*Lunghezza/Lunghezza] agente sui bordi (verso positivo indicato dalla freccia in figura).

Per quanto riguarda le sollecitazioni estensionali si faccia riferimento alla figura seguente dove per lo stesso elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione F_{xx} , F_{yy} , F_{xy} .

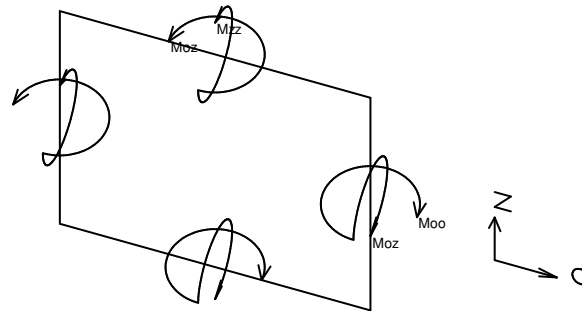


Si definiscono:

- F_{xx} : sforzo tensionale [Forza/Lunghezza] agente sul bordo di normale x (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{yy} : sforzo tensionale [Forza/Lunghezza] agente sul bordo di normale all'asse y (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{xy} : sforzo tagliante [Forza/Lunghezza] agente sui bordi (verso positivo indicato dalla freccia in figura).

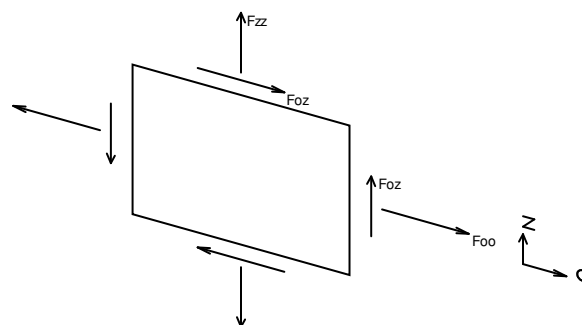
Convenzione di segno per gusci verticali

Il sistema di riferimento nel quale sono espressi i parametri di sollecitazione è così definito: origine appartenente al piano dell'elemento, asse O (ascisse) e z (ordinate) contenuti nel piano dell'elemento e terzo asse ortogonale al piano dell'elemento a formare una terna destrorsa. In particolare l'asse O è orizzontale e l'asse z parallelo ed equiverso con l'asse Z globale. Si sottolinea che non ha alcun interesse collocare esattamente nel piano dell'elemento la posizione dell'origine in quanto i parametri di sollecitazione sono invarianti rispetto a tale posizione. In figura è mostrato un elemento infinitesimo di shell orizzontale con indicato il sistema di riferimento e i parametri di sollecitazione M_{oo} , M_{zz} , M_{oz} .



- M_{oo} : momento flettente distribuito [Forza*Lunghezza/Lunghezza] applicato al bordo di normale parallela all'asse O (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{zz} : momento flettente distribuito [Forza*Lunghezza/Lunghezza] applicato al bordo di normale parallela all'asse z (verso positivo indicato dalla freccia in figura che tende le fibre inferiori);
- M_{oz} : momento 'torcente' distribuito [Forza*Lunghezza/Lunghezza] applicato sui bordi (verso positivo indicato dalla freccia in figura).

Per quanto riguarda le sollecitazioni estensionali si faccia riferimento alla figura seguente dove per lo stesso elemento infinitesimo di shell con indicato il sistema di riferimento i parametri di sollecitazione F_{oo} , F_{zz} , F_{oz} sono rispettivamente:



- F_{zz} : sforzo tensionale distribuito [Forza/Lunghezza] applicato al bordo di normale parallela all'asse z (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);



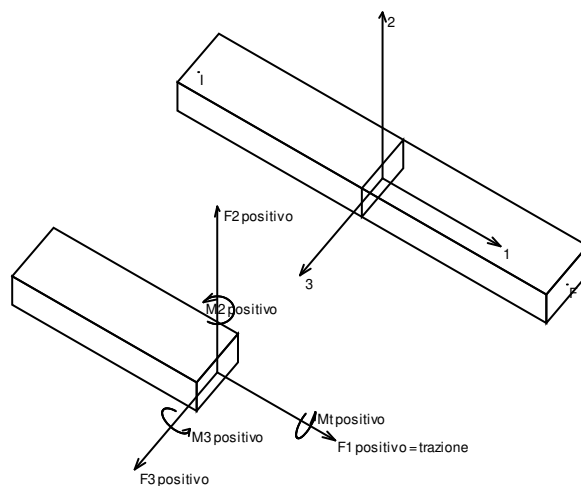
- F_{oo} : sforzo tensionale distribuito [Forza/Lunghezza] applicato al bordo di normale parallela all'asse O (verso positivo indicato dalla freccia in figura che mette in trazione l'elemento);
- F_{oz} : sforzo tagliante distribuito [Forza/Lunghezza] applicato sui bordi (verso positivo indicato dalla freccia in figura).

1.1.5 Sollecitazioni aste in muratura

1.1.5.1 Convenzioni di segno aste

Le abbreviazioni relative alle sollecitazioni sugli elementi aste sono da intendersi:

- F_1 (N): sforzo normale nell'asta;
- F_2 : sforzo di taglio agente nella direzione dell'asse locale 2;
- F_3 : sforzo di taglio agente nella direzione dell'asse locale 3;
- M_1 (Mt): momento attorno all'asse locale 1; equivale al momento torcente;
- M_2 : momento attorno all'asse locale 2;
- M_3 : momento attorno all'asse locale 3.



La convenzione sui segni per i parametri di sollecitazione delle aste è la seguente:

presa un'asta con nodo iniziale i e nodo finale f , asse 1 che va da i a f , assi 2 e 3 presi secondo quanto indicato nei paragrafi successivi relativi al sistema locale delle aste sezionando l'asta in un punto e considerando la sezione sinistra del punto in cui si è effettuato il taglio (sezione da cui esce il versore asse 1) i parametri di sollecitazione sono positivi se hanno verso e direzione concordi con il sistema di riferimento locale dell'asta 1, 2, 3 (per i momenti si adotta la regola della mano destra).

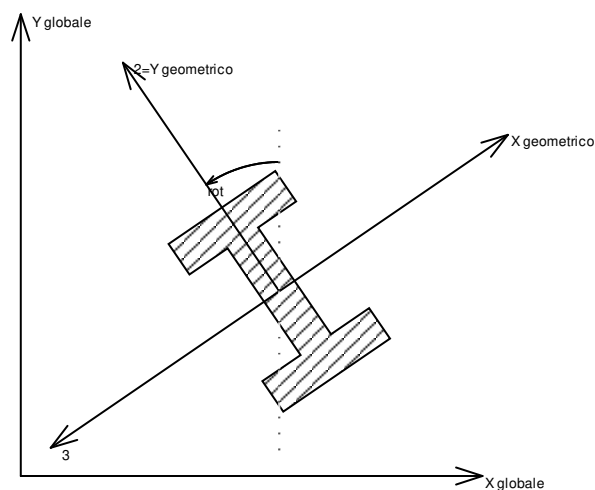
Il sistema è definito diversamente per tre categorie di aste, a seconda che siano originate da:

- aste verticali ad esempio pilastri e colonne;
- aste non verticali non di c.a., ad esempio travi di acciaio o legno;
- aste non verticali in c.a.: travi in c.a. di piano, falda o a quota generica.

Nel seguito si indica con 1, 2 e 3 il sistema locale dell'asta che non sempre coincide con gli assi principali della sezione. Si ricorda che per assi principali si intendono gli assi rispetto a cui si ha il raggio di inerzia minimo e massimo. Gli assi 1, 2 e 3 rispettano la regola della mano destra.

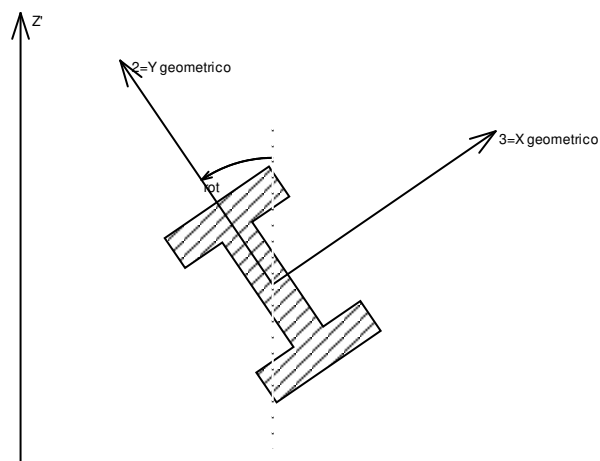


Sistema locale aste verticali



Nella figura si considera l'asse 1 uscente dal foglio (l'osservatore guarda in direzione opposta a quella dell'asse 1).

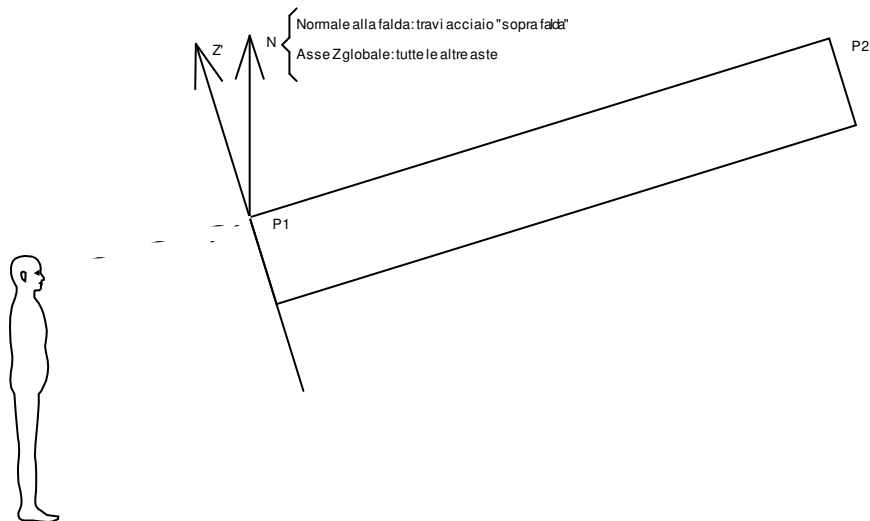
Sistema locale aste non verticali



Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1).

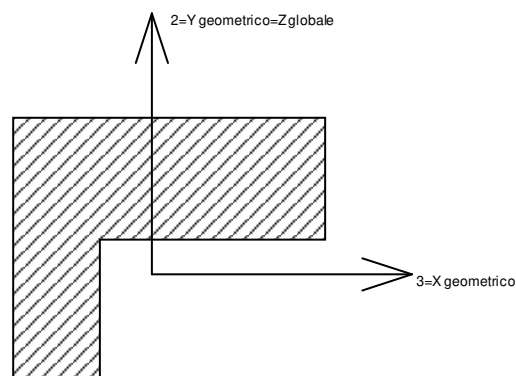
L'asse Z' è illustrato nella figura seguente dove:

- P1 è il punto di inserimento iniziale dell'asta;
- P2 è il punto di inserimento finale dell'asta;
- N è la normale al piano o falda di inserimento;



Z' è quindi l'intersezione tra il piano passante per $P1$, $P2$ contenente N e il piano della sezione iniziale dell'asta.

Sistema locale aste derivanti da travi in c.a.



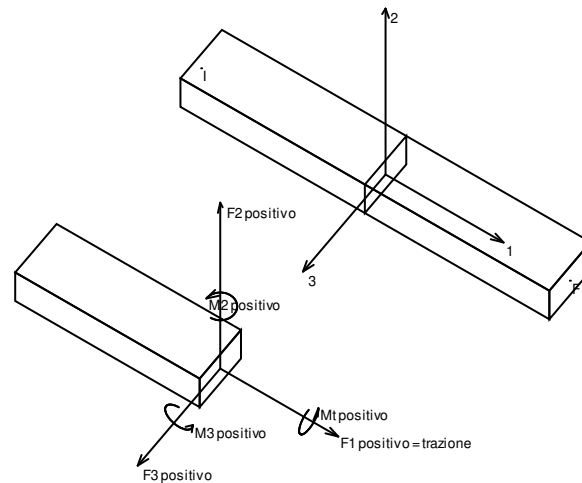
Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1). L'asse 2 è sempre verticale e quindi coincidente con l'asse Z globale nonché con l'asse y geometrico. L'asse 3 coincide con l'asse x geometrico. Si sottolinea il fatto che gli assi 2 e 3 non corrispondono agli assi principali della sezione.

1.1.6 Sollecitazioni aste in muratura FRCM

1.1.6.1 Convenzioni di segno aste

Le abbreviazioni relative alle sollecitazioni sugli elementi aste sono da intendersi:

- $F1$ (N): sforzo normale nell'asta;
- $F2$: sforzo di taglio agente nella direzione dell'asse locale 2;
- $F3$: sforzo di taglio agente nella direzione dell'asse locale 3;
- $M1$ (M_t): momento attorno all'asse locale 1; equivale al momento torcente;
- $M2$: momento attorno all'asse locale 2;
- $M3$: momento attorno all'asse locale 3.



La convenzione sui segni per i parametri di sollecitazione delle aste è la seguente:

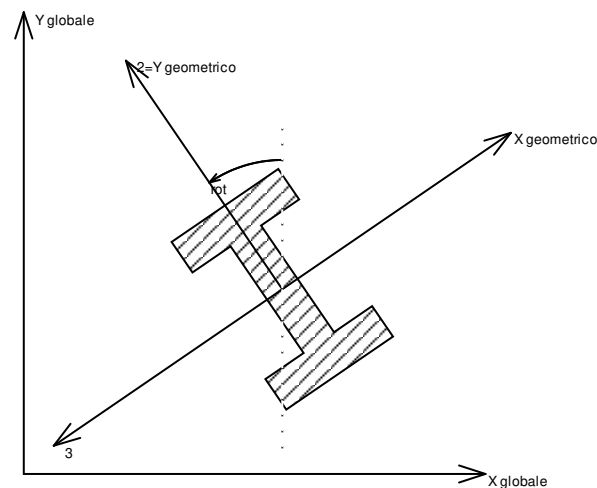
presa un'asta con nodo iniziale i e nodo finale f , asse 1 che va da i a f , assi 2 e 3 presi secondo quanto indicato nei paragrafi successivi relativi al sistema locale delle aste sezionando l'asta in un punto e considerando la sezione sinistra del punto in cui si è effettuato il taglio (sezione da cui esce il vettore asse 1) i parametri di sollecitazione sono positivi se hanno verso e direzione concordi con il sistema di riferimento locale dell'asta 1, 2, 3 (per i momenti si adotta la regola della mano destra).

Il sistema è definito diversamente per tre categorie di aste, a seconda che siano originate da:

- aste verticali ad esempio pilastri e colonne;
- aste non verticali non di c.a., ad esempio travi di acciaio o legno;
- aste non verticali in c.a.: travi in c.a. di piano, falda o a quota generica.

Nel seguito si indica con 1, 2 e 3 il sistema locale dell'asta che non sempre coincide con gli assi principali della sezione. Si ricorda che per assi principali si intendono gli assi rispetto a cui si ha il raggio di inerzia minimo e massimo. Gli assi 1, 2 e 3 rispettano la regola della mano destra.

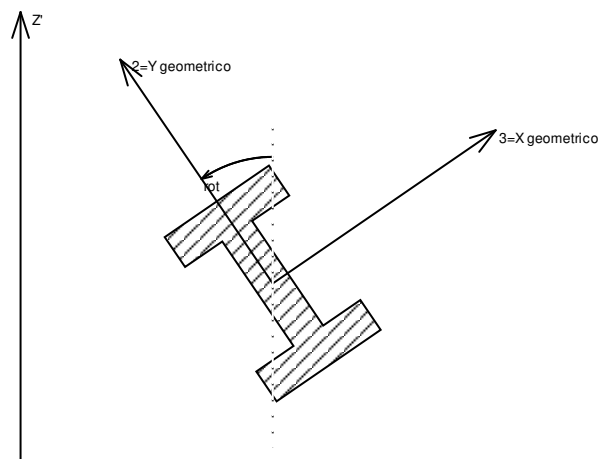
Sistema locale aste verticali



Nella figura si considera l'asse 1 uscente dal foglio (l'osservatore guarda in direzione opposta a quella dell'asse 1).



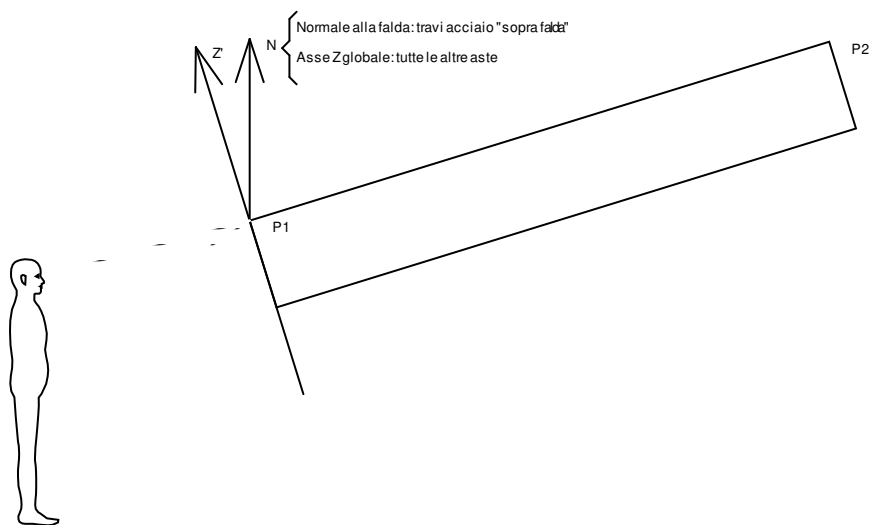
Sistema locale aste non verticali



Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1).

L'asse Z' è illustrato nella figura seguente dove:

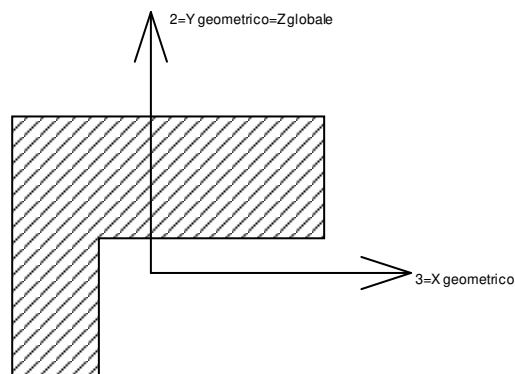
- $P1$ è il punto di inserimento iniziale dell'asta;
- $P2$ è il punto di inserimento finale dell'asta;
- N è la normale al piano o falda di inserimento;



Z' è quindi l'intersezione tra il piano passante per $P1$, $P2$ contenente N e il piano della sezione iniziale dell'asta.



Sistema locale aste derivanti da travi in c.a.



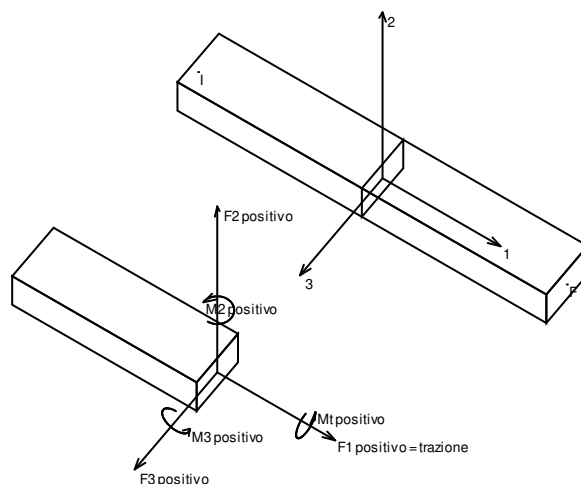
Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1). L'asse 2 è sempre verticale e quindi coincidente con l'asse Z globale nonché con l'asse y geometrico. L'asse 3 coincide con l'asse x geometrico. Si sottolinea il fatto che gli assi 2 e 3 non corrispondono agli assi principali della sezione.

1.1.7 Sollecitazioni aste in muratura armata

1.1.7.1 Convenzioni di segno aste

Le abbreviazioni relative alle sollecitazioni sugli elementi aste sono da intendersi:

- F1 (N): sforzo normale nell'asta;
- F2: sforzo di taglio agente nella direzione dell'asse locale 2;
- F3: sforzo di taglio agente nella direzione dell'asse locale 3;
- M1 (Mt): momento attorno all'asse locale 1; equivale al momento torcente;
- M2: momento attorno all'asse locale 2;
- M3: momento attorno all'asse locale 3.



La convenzione sui segni per i parametri di sollecitazione delle aste è la seguente:

presa un'asta con nodo iniziale i e nodo finale f, asse 1 che va da i a f, assi 2 e 3 presi secondo quanto indicato nei paragrafi successivi relativi al sistema locale delle aste sezionando l'asta in un punto e considerando la sezione sinistra del punto in cui si è effettuato il taglio (sezione da cui esce il versore asse 1) i parametri di sollecitazione sono positivi se hanno verso e direzione concordi con il sistema di riferimento locale dell'asta 1, 2, 3 (per i momenti si adotta la regola della mano destra).

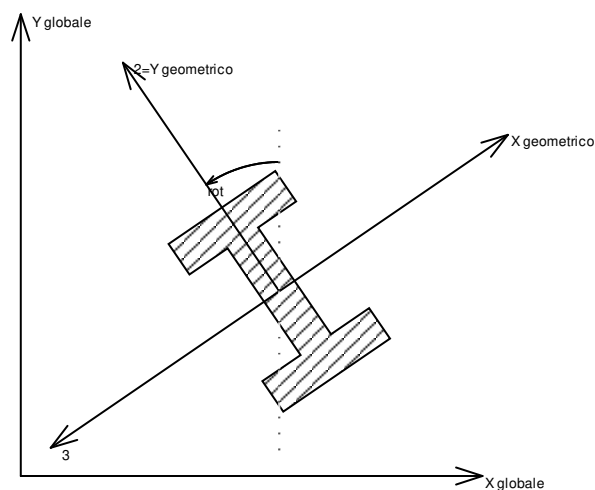
Il sistema è definito diversamente per tre categorie di aste, a seconda che siano originate da:

- aste verticali ad esempio pilastri e colonne;
- aste non verticali non di c.a., ad esempio travi di acciaio o legno;
- aste non verticali in c.a.: travi in c.a. di piano, falda o a quota generica.

Nel seguito si indica con 1, 2 e 3 il sistema locale dell'asta che non sempre coincide con gli assi principali della sezione. Si ricorda che per assi principali si intendono gli assi rispetto a cui si ha il raggio di inerzia minimo e massimo. Gli assi 1, 2 e 3 rispettano la regola della mano destra.

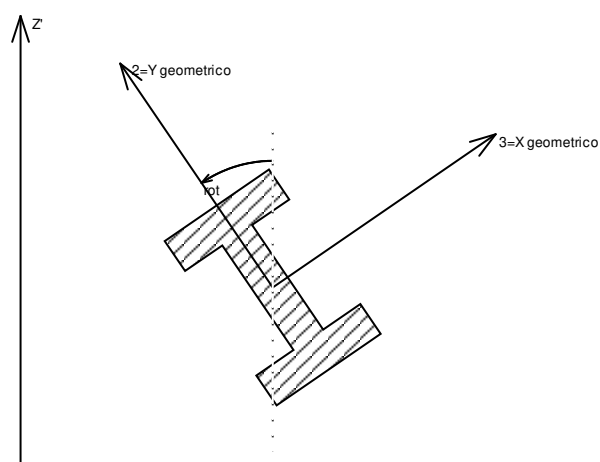


Sistema locale aste verticali



Nella figura si considera l'asse 1 uscente dal foglio (l'osservatore guarda in direzione opposta a quella dell'asse 1).

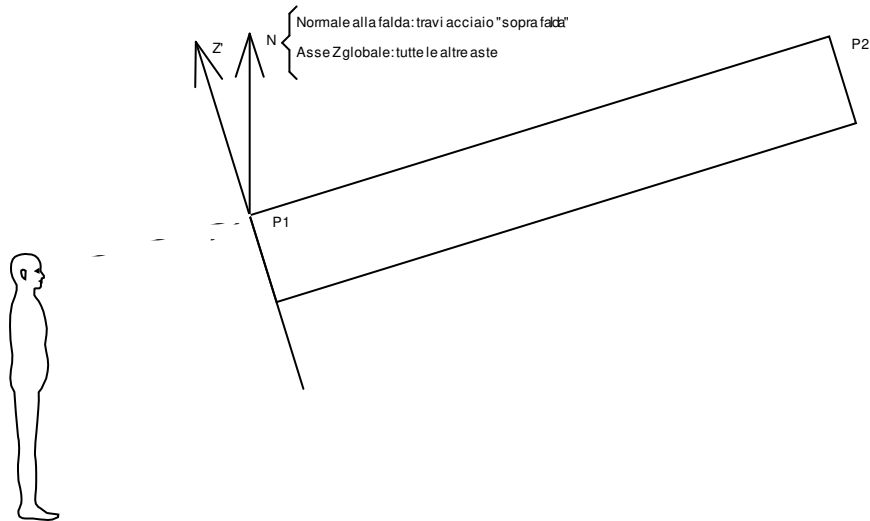
Sistema locale aste non verticali



Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1).

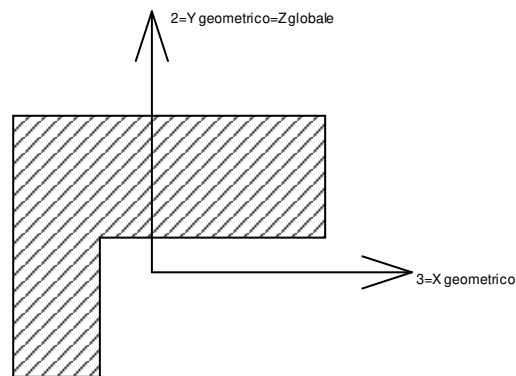
L'asse Z' è illustrato nella figura seguente dove:

- P1 è il punto di inserimento iniziale dell'asta;
- P2 è il punto di inserimento finale dell'asta;
- N è la normale al piano o falda di inserimento;



Z' è quindi l'intersezione tra il piano passante per P1, P2 contenente N e il piano della sezione iniziale dell'asta.

Sistema locale aste derivanti da travi in c.a.



Nella figura si considera l'asse 1 entrante nel foglio (l'osservatore guarda in direzione coincidente a quella dell'asse 1). L'asse 2 è sempre verticale e quindi coincidente con l'asse Z globale nonché con l'asse y geometrico. L'asse 3 coincide con l'asse x geometrico. . Si sottolinea il fatto che gli assi 2 e 3 non corrispondono agli assi principali della sezione.

1.2 Reazioni nodali

1.2.1 Reazioni nodali estreme

Nodo: Nodo sollecitato dalla reazione vincolare.

Ind.: indice del nodo.

Cont.: Contesto a cui si riferisce la reazione vincolare.

N.br.: nome breve della condizione o combinazione di carico.

Reazione a traslazione: reazione vincolare traslazionale del nodo.

x: componente X della reazione vincolare del nodo. [kN]

y: componente Y della reazione vincolare del nodo. [kN]

z: componente Z della reazione vincolare del nodo. [kN]

Reazione a rotazione: reazione vincolare rotazionale del nodo.

x: componente X della reazione a rotazione del nodo. [kN*m]

y: componente Y della reazione a rotazione del nodo. [kN*m]

z: componente Z della reazione a rotazione del nodo. [kN*m]

Reazioni Fx minime

Vengono mostrati i soli 5 nodi più sollecitati.

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18250	SLV 14	-74.31	-43.49	28.64	8.2375	-3.0758	0.9143
18249	SLV 14	-64.88	518.25	32.1	2.0958	-3.2157	-0.0462
682	SLV 14	-42.95	7.39	169.64	-11.9841	-10.6939	-2.7317
620	SLV 13	-38.69	6.04	208.34	24.8788	-1.3127	4.8302
482	SLV 15	-31.39	-6.74	175.89	-6.1801	39.0388	0.0406

Reazioni Fx massime

Vengono mostrati i soli 5 nodi più sollecitati.

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18250	SLV 3	75.11	65.98	30.52	17.5028	3.0274	-0.9417
18249	SLV 3	66.21	-587.49	32.23	9.2	3.3611	0.043
682	SLV 3	36.27	-13.6	265.16	-19.8887	-15.5519	1.7189
620	SLV 4	36	-5	185.48	25.5352	0.4796	-4.7784
482	SLV 2	29.58	4.35	149.62	-6.0026	32.9677	0.3213

Reazioni Fy minime

Vengono mostrati i soli 5 nodi più sollecitati.

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18249	SLV 7	21.31	-1098.29	35.44	14.9391	1.0203	0.0107
18250	SLV 12	-21.35	-1056.45	33.11	23.3146	-0.8972	0.2581
682	SLV 8	9.16	-26.55	234.79	-17.5252	-14.349	-1.0848
620	SLV 12	-11.96	-21.34	204.56	24.6334	-1.3752	1.226
607	SLV 8	7.09	-19.72	170.58	-10.1933	-11.6679	-0.889

Reazioni Fy massime

Vengono mostrati i soli 5 nodi più sollecitati.

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18250	SLV 5	22.16	1078.95	26.06	2.4256	0.8488	-0.2855
18249	SLV 10	-19.98	1029.05	28.89	-3.6433	-0.875	-0.0139
620	SLV 5	9.26	22.37	189.25	25.7806	0.542	-1.1742
682	SLV 9	-15.84	20.34	200.01	-14.3475	-11.8968	0.072
623	SLV 5	8.41	17.31	149.61	-25.9667	2.7967	0.9864

Reazioni Fz minime

Vengono mostrati i soli 5 nodi più sollecitati.

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
588	SLV X	-14.36	1.66	-64.31	-0.0424	11.0364	0.3214
682	SLV X	-39.38	6.03	-47.3	3.7626	2.3042	-2.5594
591	SLV X	-10.52	1.22	-42.03	0.0923	-0.091	0.0136
592	SLV X	-10.54	1.24	-39.02	0.0933	-0.0853	0.0153
590	SLV X	-8.85	1.02	-37.95	0.0778	0.9999	0.0303

Reazioni Fz massime

Vengono mostrati i soli 5 nodi più sollecitati.

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
682	SLU 84	-4.59	-3.97	319.58	-23.3573	-19.2856	-0.6777
620	SLU 84	-1.81	1.15	290.56	37.2462	-0.5861	0.0257
482	SLU 84	-1.2	-1.36	239.68	-8.9419	52.9296	0.1808
623	SLU 84	-1.32	-0.8	236.6	-41.4501	3.8406	-0.31
607	SLU 84	-2.91	-3.29	231.43	-13.6496	-15.7552	-0.3499

1.2.2 Reazioni nodali in combinazioni di carico

Nodo: Nodo sollecitato dalla reazione vincolare.

Ind.: indice del nodo.

Cont.: Contesto a cui si riferisce la reazione vincolare.

N.br.: nome breve della condizione o combinazione di carico.

Reazione a traslazione: reazione vincolare traslazionale del nodo.

x: componente X della reazione vincolare del nodo. [kN]

y: componente Y della reazione vincolare del nodo. [kN]

z: componente Z della reazione vincolare del nodo. [kN]

Reazione a rotazione: reazione vincolare rotazionale del nodo.

x: componente X della reazione a rotazione del nodo. [kN*m]

y: componente Y della reazione a rotazione del nodo. [kN*m]

z: componente Z della reazione a rotazione del nodo. [kN*m]

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
11	SLU 1	0.03	-0.12	3.23	0	0	0
11	SLU 2	0.03	-0.11	3.24	0	0	0
11	SLU 3	0.03	-0.12	3.31	0	0	0
11	SLU 4	0.03	-0.12	3.31	0	0	0
11	SLU 5	0.02	-0.11	3.28	0	0	0
11	SLU 6	0.02	-0.12	3.35	0	0	0
11	SLU 7	0.02	-0.12	3.36	0	0	0
11	SLU 8	0.02	-0.12	3.32	0	0	0
11	SLU 9	0.02	-0.12	3.33	0	0	0
11	SLU 10	0.02	-0.12	3.65	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
11	SLU 11	0.02	-0.12	3.72	0	0	0
11	SLU 12	0.02	-0.12	3.72	0	0	0
11	SLU 13	0.02	-0.12	3.69	0	0	0
11	SLU 14	0.02	-0.12	3.76	0	0	0
11	SLU 15	0.02	-0.12	3.77	0	0	0
11	SLU 16	0.02	-0.12	3.73	0	0	0
11	SLU 17	0.02	-0.12	3.74	0	0	0
11	SLU 18	0.02	-0.12	3.82	0	0	0
11	SLU 19	0.02	-0.12	3.82	0	0	0
11	SLU 20	0.02	-0.12	3.86	0	0	0
11	SLU 21	0.02	-0.12	3.87	0	0	0
11	SLU 22	0.03	-0.12	3.59	0	0	0
11	SLU 23	0.03	-0.11	3.59	0	0	0
11	SLU 24	0.03	-0.12	3.66	0	0	0
11	SLU 25	0.03	-0.11	3.67	0	0	0
11	SLU 26	0.03	-0.11	3.64	0	0	0
11	SLU 27	0.03	-0.12	3.71	0	0	0
11	SLU 28	0.02	-0.11	3.71	0	0	0
11	SLU 29	0.02	-0.12	3.68	0	0	0
11	SLU 30	0.02	-0.11	3.68	0	0	0
11	SLU 31	0.02	-0.12	4	0	0	0
11	SLU 32	0.02	-0.12	4.07	0	0	0
11	SLU 33	0.02	-0.12	4.08	0	0	0
11	SLU 34	0.02	-0.12	4.05	0	0	0
11	SLU 35	0.02	-0.12	4.12	0	0	0
11	SLU 36	0.02	-0.12	4.12	0	0	0
11	SLU 37	0.02	-0.12	4.09	0	0	0
11	SLU 38	0.02	-0.12	4.09	0	0	0
11	SLU 39	0.02	-0.12	4.17	0	0	0
11	SLU 40	0.02	-0.12	4.18	0	0	0
11	SLU 41	0.02	-0.12	4.22	0	0	0
11	SLU 42	0.02	-0.12	4.22	0	0	0
11	SLU 43	0.03	-0.15	4.08	0	0	0
11	SLU 44	0.03	-0.15	4.09	0	0	0
11	SLU 45	0.03	-0.15	4.16	0	0	0
11	SLU 46	0.03	-0.15	4.16	0	0	0
11	SLU 47	0.03	-0.15	4.13	0	0	0
11	SLU 48	0.03	-0.15	4.2	0	0	0
11	SLU 49	0.03	-0.15	4.21	0	0	0
11	SLU 50	0.03	-0.15	4.17	0	0	0
11	SLU 51	0.03	-0.15	4.17	0	0	0
11	SLU 52	0.03	-0.16	4.5	0	0	0
11	SLU 53	0.03	-0.16	4.57	0	0	0
11	SLU 54	0.03	-0.16	4.57	0	0	0
11	SLU 55	0.03	-0.16	4.54	0	0	0
11	SLU 56	0.03	-0.16	4.61	0	0	0
11	SLU 57	0.03	-0.16	4.62	0	0	0
11	SLU 58	0.03	-0.16	4.58	0	0	0
11	SLU 59	0.03	-0.16	4.58	0	0	0
11	SLU 60	0.03	-0.16	4.67	0	0	0
11	SLU 61	0.03	-0.16	4.67	0	0	0
11	SLU 62	0.03	-0.16	4.71	0	0	0
11	SLU 63	0.03	-0.16	4.72	0	0	0
11	SLU 64	0.04	-0.15	4.44	0	0	0
11	SLU 65	0.04	-0.15	4.44	0	0	0
11	SLU 66	0.03	-0.15	4.51	0	0	0
11	SLU 67	0.03	-0.15	4.51	0	0	0
11	SLU 68	0.03	-0.15	4.49	0	0	0
11	SLU 69	0.03	-0.15	4.56	0	0	0
11	SLU 70	0.03	-0.15	4.56	0	0	0
11	SLU 71	0.03	-0.15	4.52	0	0	0
11	SLU 72	0.03	-0.15	4.53	0	0	0
11	SLU 73	0.03	-0.15	4.85	0	0	0
11	SLU 74	0.03	-0.16	4.92	0	0	0
11	SLU 75	0.03	-0.16	4.92	0	0	0
11	SLU 76	0.03	-0.15	4.9	0	0	0
11	SLU 77	0.03	-0.16	4.97	0	0	0
11	SLU 78	0.03	-0.16	4.97	0	0	0
11	SLU 79	0.03	-0.16	4.94	0	0	0
11	SLU 80	0.03	-0.16	4.94	0	0	0
11	SLU 81	0.03	-0.16	5.02	0	0	0
11	SLU 82	0.03	-0.16	5.03	0	0	0
11	SLU 83	0.03	-0.16	5.07	0	0	0
11	SLU 84	0.03	-0.16	5.07	0	0	0
11	SLE RA 1	0.03	-0.12	3.34	0	0	0
11	SLE RA 2	0.03	-0.11	3.34	0	0	0
11	SLE RA 3	0.03	-0.12	3.39	0	0	0
11	SLE RA 4	0.03	-0.12	3.39	0	0	0
11	SLE RA 5	0.03	-0.11	3.37	0	0	0
11	SLE RA 6	0.02	-0.12	3.41	0	0	0
11	SLE RA 7	0.02	-0.12	3.42	0	0	0
11	SLE RA 8	0.02	-0.12	3.39	0	0	0
11	SLE RA 9	0.02	-0.12	3.4	0	0	0
11	SLE RA 10	0.02	-0.12	3.61	0	0	0
11	SLE RA 11	0.02	-0.12	3.66	0	0	0
11	SLE RA 12	0.02	-0.12	3.66	0	0	0
11	SLE RA 13	0.02	-0.12	3.64	0	0	0
11	SLE RA 14	0.02	-0.12	3.69	0	0	0
11	SLE RA 15	0.02	-0.12	3.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
11	SLE RA 16	0.02	-0.12	3.67	0	0	0
11	SLE RA 17	0.02	-0.12	3.67	0	0	0
11	SLE RA 18	0.02	-0.12	3.73	0	0	0
11	SLE RA 19	0.02	-0.12	3.73	0	0	0
11	SLE RA 20	0.02	-0.12	3.76	0	0	0
11	SLE RA 21	0.02	-0.12	3.76	0	0	0
11	SLE FR 1	0.03	-0.12	3.34	0	0	0
11	SLE FR 2	0.03	-0.12	3.34	0	0	0
11	SLE FR 3	0.03	-0.12	3.35	0	0	0
11	SLE FR 4	0.03	-0.12	3.45	0	0	0
11	SLE FR 5	0.02	-0.12	3.46	0	0	0
11	SLE FR 6	0.02	-0.12	3.53	0	0	0
11	SLE QP 1	0.03	-0.12	3.34	0	0	0
11	SLE QP 2	0.03	-0.12	3.45	0	0	0
11	SLD 1	0.23	-0.09	3.48	0	0	0
11	SLD 2	0.24	-0.09	3.48	0	0	0
11	SLD 3	0.22	-0.15	3.45	0	0	0
11	SLD 4	0.23	-0.15	3.46	0	0	0
11	SLD 5	0.1	-0.02	3.5	0	0	0
11	SLD 6	0.1	-0.02	3.5	0	0	0
11	SLD 7	0.07	-0.22	3.42	0	0	0
11	SLD 8	0.07	-0.22	3.42	0	0	0
11	SLD 9	-0.02	-0.01	3.49	0	0	0
11	SLD 10	-0.02	-0.01	3.49	0	0	0
11	SLD 11	-0.05	-0.22	3.4	0	0	0
11	SLD 12	-0.05	-0.22	3.41	0	0	0
11	SLD 13	-0.18	-0.08	3.44	0	0	0
11	SLD 14	-0.17	-0.08	3.45	0	0	0
11	SLD 15	-0.19	-0.15	3.42	0	0	0
11	SLD 16	-0.18	-0.14	3.43	0	0	0
11	SLV 1	0.5	-0.06	3.51	0	0	0
11	SLV 2	0.52	-0.06	3.53	0	0	0
11	SLV 3	0.48	-0.2	3.46	0	0	0
11	SLV 4	0.5	-0.2	3.47	0	0	0
11	SLV 5	0.2	0.11	3.55	0	0	0
11	SLV 6	0.21	0.11	3.56	0	0	0
11	SLV 7	0.13	-0.36	3.37	0	0	0
11	SLV 8	0.14	-0.35	3.38	0	0	0
11	SLV 9	-0.09	0.12	3.53	0	0	0
11	SLV 10	-0.08	0.12	3.54	0	0	0
11	SLV 11	-0.16	-0.35	3.34	0	0	0
11	SLV 12	-0.15	-0.35	3.35	0	0	0
11	SLV 13	-0.45	-0.04	3.43	0	0	0
11	SLV 14	-0.43	-0.03	3.45	0	0	0
11	SLV 15	-0.47	-0.18	3.38	0	0	0
11	SLV 16	-0.45	-0.17	3.39	0	0	0
12	SLU 1	0.05	-0.22	6.46	0	0	0
12	SLU 2	0.05	-0.22	6.47	0	0	0
12	SLU 3	0.05	-0.22	6.61	0	0	0
12	SLU 4	0.05	-0.22	6.62	0	0	0
12	SLU 5	0.05	-0.22	6.56	0	0	0
12	SLU 6	0.05	-0.22	6.7	0	0	0
12	SLU 7	0.05	-0.22	6.7	0	0	0
12	SLU 8	0.05	-0.22	6.63	0	0	0
12	SLU 9	0.05	-0.22	6.64	0	0	0
12	SLU 10	0.04	-0.23	7.28	0	0	0
12	SLU 11	0.04	-0.24	7.42	0	0	0
12	SLU 12	0.04	-0.23	7.43	0	0	0
12	SLU 13	0.04	-0.23	7.37	0	0	0
12	SLU 14	0.04	-0.24	7.51	0	0	0
12	SLU 15	0.04	-0.23	7.51	0	0	0
12	SLU 16	0.04	-0.23	7.44	0	0	0
12	SLU 17	0.04	-0.23	7.45	0	0	0
12	SLU 18	0.04	-0.24	7.62	0	0	0
12	SLU 19	0.04	-0.24	7.63	0	0	0
12	SLU 20	0.04	-0.24	7.71	0	0	0
12	SLU 21	0.04	-0.24	7.71	0	0	0
12	SLU 22	0.06	-0.22	7.17	0	0	0
12	SLU 23	0.06	-0.22	7.18	0	0	0
12	SLU 24	0.05	-0.22	7.32	0	0	0
12	SLU 25	0.05	-0.22	7.32	0	0	0
12	SLU 26	0.05	-0.22	7.26	0	0	0
12	SLU 27	0.05	-0.22	7.4	0	0	0
12	SLU 28	0.05	-0.22	7.41	0	0	0
12	SLU 29	0.05	-0.22	7.34	0	0	0
12	SLU 30	0.05	-0.22	7.34	0	0	0
12	SLU 31	0.05	-0.23	7.99	0	0	0
12	SLU 32	0.04	-0.23	8.13	0	0	0
12	SLU 33	0.04	-0.23	8.13	0	0	0
12	SLU 34	0.04	-0.23	8.07	0	0	0
12	SLU 35	0.04	-0.23	8.21	0	0	0
12	SLU 36	0.04	-0.23	8.22	0	0	0
12	SLU 37	0.04	-0.23	8.15	0	0	0
12	SLU 38	0.04	-0.23	8.15	0	0	0
12	SLU 39	0.04	-0.24	8.32	0	0	0
12	SLU 40	0.04	-0.23	8.33	0	0	0
12	SLU 41	0.04	-0.24	8.41	0	0	0
12	SLU 42	0.04	-0.23	8.42	0	0	0
12	SLU 43	0.07	-0.29	8.16	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
12	SLU 44	0.07	-0.29	8.17	0	0	0
12	SLU 45	0.06	-0.29	8.31	0	0	0
12	SLU 46	0.06	-0.29	8.31	0	0	0
12	SLU 47	0.06	-0.29	8.26	0	0	0
12	SLU 48	0.06	-0.29	8.39	0	0	0
12	SLU 49	0.06	-0.29	8.4	0	0	0
12	SLU 50	0.06	-0.29	8.33	0	0	0
12	SLU 51	0.06	-0.29	8.34	0	0	0
12	SLU 52	0.06	-0.3	8.98	0	0	0
12	SLU 53	0.06	-0.3	9.12	0	0	0
12	SLU 54	0.06	-0.3	9.12	0	0	0
12	SLU 55	0.05	-0.3	9.07	0	0	0
12	SLU 56	0.05	-0.3	9.2	0	0	0
12	SLU 57	0.05	-0.3	9.21	0	0	0
12	SLU 58	0.05	-0.3	9.14	0	0	0
12	SLU 59	0.05	-0.3	9.15	0	0	0
12	SLU 60	0.05	-0.31	9.32	0	0	0
12	SLU 61	0.05	-0.3	9.32	0	0	0
12	SLU 62	0.05	-0.31	9.4	0	0	0
12	SLU 63	0.05	-0.3	9.41	0	0	0
12	SLU 64	0.07	-0.29	8.86	0	0	0
12	SLU 65	0.07	-0.28	8.87	0	0	0
12	SLU 66	0.07	-0.29	9.01	0	0	0
12	SLU 67	0.07	-0.29	9.02	0	0	0
12	SLU 68	0.07	-0.28	8.96	0	0	0
12	SLU 69	0.06	-0.29	9.1	0	0	0
12	SLU 70	0.06	-0.29	9.1	0	0	0
12	SLU 71	0.06	-0.29	9.04	0	0	0
12	SLU 72	0.06	-0.29	9.04	0	0	0
12	SLU 73	0.06	-0.29	9.68	0	0	0
12	SLU 74	0.06	-0.3	9.82	0	0	0
12	SLU 75	0.06	-0.3	9.83	0	0	0
12	SLU 76	0.06	-0.29	9.77	0	0	0
12	SLU 77	0.05	-0.3	9.91	0	0	0
12	SLU 78	0.05	-0.3	9.91	0	0	0
12	SLU 79	0.05	-0.3	9.85	0	0	0
12	SLU 80	0.05	-0.3	9.85	0	0	0
12	SLU 81	0.06	-0.3	10.02	0	0	0
12	SLU 82	0.06	-0.3	10.03	0	0	0
12	SLU 83	0.05	-0.3	10.11	0	0	0
12	SLU 84	0.05	-0.3	10.11	0	0	0
12	SLE RA 1	0.05	-0.22	6.66	0	0	0
12	SLE RA 2	0.05	-0.22	6.67	0	0	0
12	SLE RA 3	0.05	-0.22	6.76	0	0	0
12	SLE RA 4	0.05	-0.22	6.77	0	0	0
12	SLE RA 5	0.05	-0.22	6.73	0	0	0
12	SLE RA 6	0.05	-0.22	6.82	0	0	0
12	SLE RA 7	0.05	-0.22	6.82	0	0	0
12	SLE RA 8	0.05	-0.22	6.78	0	0	0
12	SLE RA 9	0.05	-0.22	6.78	0	0	0
12	SLE RA 10	0.05	-0.23	7.21	0	0	0
12	SLE RA 11	0.05	-0.23	7.3	0	0	0
12	SLE RA 12	0.05	-0.23	7.31	0	0	0
12	SLE RA 13	0.04	-0.23	7.27	0	0	0
12	SLE RA 14	0.04	-0.23	7.36	0	0	0
12	SLE RA 15	0.04	-0.23	7.36	0	0	0
12	SLE RA 16	0.04	-0.23	7.32	0	0	0
12	SLE RA 17	0.04	-0.23	7.32	0	0	0
12	SLE RA 18	0.04	-0.23	7.44	0	0	0
12	SLE RA 19	0.04	-0.23	7.44	0	0	0
12	SLE RA 20	0.04	-0.23	7.49	0	0	0
12	SLE RA 21	0.04	-0.23	7.5	0	0	0
12	SLE FR 1	0.05	-0.22	6.66	0	0	0
12	SLE FR 2	0.05	-0.22	6.67	0	0	0
12	SLE FR 3	0.05	-0.22	6.69	0	0	0
12	SLE FR 4	0.05	-0.22	6.9	0	0	0
12	SLE FR 5	0.05	-0.23	6.92	0	0	0
12	SLE FR 6	0.05	-0.23	7.05	0	0	0
12	SLE QP 1	0.05	-0.22	6.66	0	0	0
12	SLE QP 2	0.05	-0.23	6.9	0	0	0
12	SLD 1	0.46	-0.18	6.89	0	0	0
12	SLD 2	0.47	-0.17	6.9	0	0	0
12	SLD 3	0.44	-0.3	6.83	0	0	0
12	SLD 4	0.46	-0.29	6.84	0	0	0
12	SLD 5	0.2	-0.03	6.97	0	0	0
12	SLD 6	0.21	-0.02	6.98	0	0	0
12	SLD 7	0.14	-0.43	6.8	0	0	0
12	SLD 8	0.15	-0.43	6.8	0	0	0
12	SLD 9	-0.05	-0.02	6.99	0	0	0
12	SLD 10	-0.03	-0.02	7	0	0	0
12	SLD 11	-0.11	-0.43	6.81	0	0	0
12	SLD 12	-0.1	-0.42	6.82	0	0	0
12	SLD 13	-0.36	-0.16	6.95	0	0	0
12	SLD 14	-0.34	-0.15	6.96	0	0	0
12	SLD 15	-0.37	-0.28	6.9	0	0	0
12	SLD 16	-0.35	-0.27	6.91	0	0	0
12	SLV 1	1	-0.12	6.87	0	0	0
12	SLV 2	1.04	-0.1	6.89	0	0	0
12	SLV 3	0.96	-0.39	6.75	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
12	SLV 4	1	-0.37	6.77	0	0	0
12	SLV 5	0.39	0.22	7.06	0	0	0
12	SLV 6	0.42	0.23	7.08	0	0	0
12	SLV 7	0.25	-0.7	6.67	0	0	0
12	SLV 8	0.28	-0.69	6.68	0	0	0
12	SLV 9	-0.18	0.23	7.11	0	0	0
12	SLV 10	-0.15	0.25	7.12	0	0	0
12	SLV 11	-0.32	-0.68	6.71	0	0	0
12	SLV 12	-0.29	-0.67	6.73	0	0	0
12	SLV 13	-0.9	-0.08	7.02	0	0	0
12	SLV 14	-0.86	-0.06	7.04	0	0	0
12	SLV 15	-0.94	-0.35	6.9	0	0	0
12	SLV 16	-0.9	-0.34	6.92	0	0	0
13	SLU 1	0.05	-0.21	6.46	0	0	0
13	SLU 2	0.05	-0.21	6.47	0	0	0
13	SLU 3	0.05	-0.21	6.6	0	0	0
13	SLU 4	0.05	-0.21	6.61	0	0	0
13	SLU 5	0.05	-0.21	6.55	0	0	0
13	SLU 6	0.05	-0.21	6.69	0	0	0
13	SLU 7	0.05	-0.21	6.69	0	0	0
13	SLU 8	0.05	-0.21	6.62	0	0	0
13	SLU 9	0.05	-0.21	6.63	0	0	0
13	SLU 10	0.04	-0.22	7.26	0	0	0
13	SLU 11	0.04	-0.22	7.4	0	0	0
13	SLU 12	0.04	-0.22	7.41	0	0	0
13	SLU 13	0.04	-0.22	7.35	0	0	0
13	SLU 14	0.04	-0.22	7.48	0	0	0
13	SLU 15	0.04	-0.22	7.49	0	0	0
13	SLU 16	0.04	-0.22	7.42	0	0	0
13	SLU 17	0.04	-0.22	7.43	0	0	0
13	SLU 18	0.04	-0.23	7.6	0	0	0
13	SLU 19	0.04	-0.22	7.6	0	0	0
13	SLU 20	0.04	-0.23	7.68	0	0	0
13	SLU 21	0.04	-0.22	7.69	0	0	0
13	SLU 22	0.06	-0.21	7.16	0	0	0
13	SLU 23	0.06	-0.21	7.17	0	0	0
13	SLU 24	0.05	-0.21	7.3	0	0	0
13	SLU 25	0.05	-0.21	7.31	0	0	0
13	SLU 26	0.05	-0.21	7.25	0	0	0
13	SLU 27	0.05	-0.21	7.39	0	0	0
13	SLU 28	0.05	-0.21	7.39	0	0	0
13	SLU 29	0.05	-0.21	7.32	0	0	0
13	SLU 30	0.05	-0.21	7.33	0	0	0
13	SLU 31	0.05	-0.22	7.97	0	0	0
13	SLU 32	0.04	-0.22	8.1	0	0	0
13	SLU 33	0.04	-0.22	8.11	0	0	0
13	SLU 34	0.04	-0.22	8.05	0	0	0
13	SLU 35	0.04	-0.22	8.19	0	0	0
13	SLU 36	0.04	-0.22	8.19	0	0	0
13	SLU 37	0.04	-0.22	8.12	0	0	0
13	SLU 38	0.04	-0.22	8.13	0	0	0
13	SLU 39	0.04	-0.22	8.3	0	0	0
13	SLU 40	0.04	-0.22	8.3	0	0	0
13	SLU 41	0.04	-0.22	8.38	0	0	0
13	SLU 42	0.04	-0.22	8.39	0	0	0
13	SLU 43	0.07	-0.28	8.15	0	0	0
13	SLU 44	0.07	-0.27	8.16	0	0	0
13	SLU 45	0.06	-0.28	8.3	0	0	0
13	SLU 46	0.06	-0.28	8.3	0	0	0
13	SLU 47	0.06	-0.27	8.25	0	0	0
13	SLU 48	0.06	-0.28	8.38	0	0	0
13	SLU 49	0.06	-0.28	8.39	0	0	0
13	SLU 50	0.06	-0.28	8.32	0	0	0
13	SLU 51	0.06	-0.28	8.33	0	0	0
13	SLU 52	0.06	-0.28	8.96	0	0	0
13	SLU 53	0.05	-0.29	9.1	0	0	0
13	SLU 54	0.05	-0.29	9.1	0	0	0
13	SLU 55	0.05	-0.28	9.04	0	0	0
13	SLU 56	0.05	-0.29	9.18	0	0	0
13	SLU 57	0.05	-0.29	9.19	0	0	0
13	SLU 58	0.05	-0.29	9.12	0	0	0
13	SLU 59	0.05	-0.29	9.12	0	0	0
13	SLU 60	0.05	-0.29	9.29	0	0	0
13	SLU 61	0.05	-0.29	9.3	0	0	0
13	SLU 62	0.05	-0.29	9.38	0	0	0
13	SLU 63	0.05	-0.29	9.38	0	0	0
13	SLU 64	0.07	-0.28	8.85	0	0	0
13	SLU 65	0.07	-0.27	8.86	0	0	0
13	SLU 66	0.07	-0.28	9	0	0	0
13	SLU 67	0.07	-0.27	9.01	0	0	0
13	SLU 68	0.07	-0.27	8.95	0	0	0
13	SLU 69	0.06	-0.28	9.08	0	0	0
13	SLU 70	0.06	-0.27	9.09	0	0	0
13	SLU 71	0.06	-0.28	9.02	0	0	0
13	SLU 72	0.06	-0.27	9.03	0	0	0
13	SLU 73	0.06	-0.28	9.66	0	0	0
13	SLU 74	0.06	-0.29	9.8	0	0	0
13	SLU 75	0.06	-0.28	9.8	0	0	0
13	SLU 76	0.06	-0.28	9.75	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
13	SLU 77	0.05	-0.29	9.88	0	0	0
13	SLU 78	0.05	-0.28	9.89	0	0	0
13	SLU 79	0.05	-0.29	9.82	0	0	0
13	SLU 80	0.05	-0.28	9.83	0	0	0
13	SLU 81	0.06	-0.29	9.99	0	0	0
13	SLU 82	0.06	-0.29	10	0	0	0
13	SLU 83	0.05	-0.29	10.08	0	0	0
13	SLU 84	0.05	-0.29	10.08	0	0	0
13	SLE RA 1	0.05	-0.21	6.66	0	0	0
13	SLE RA 2	0.05	-0.21	6.66	0	0	0
13	SLE RA 3	0.05	-0.21	6.75	0	0	0
13	SLE RA 4	0.05	-0.21	6.76	0	0	0
13	SLE RA 5	0.05	-0.21	6.72	0	0	0
13	SLE RA 6	0.05	-0.21	6.81	0	0	0
13	SLE RA 7	0.05	-0.21	6.81	0	0	0
13	SLE RA 8	0.05	-0.21	6.77	0	0	0
13	SLE RA 9	0.05	-0.21	6.77	0	0	0
13	SLE RA 10	0.05	-0.22	7.2	0	0	0
13	SLE RA 11	0.05	-0.22	7.29	0	0	0
13	SLE RA 12	0.05	-0.22	7.29	0	0	0
13	SLE RA 13	0.04	-0.22	7.25	0	0	0
13	SLE RA 14	0.04	-0.22	7.34	0	0	0
13	SLE RA 15	0.04	-0.22	7.35	0	0	0
13	SLE RA 16	0.04	-0.22	7.3	0	0	0
13	SLE RA 17	0.04	-0.22	7.3	0	0	0
13	SLE RA 18	0.04	-0.22	7.42	0	0	0
13	SLE RA 19	0.04	-0.22	7.42	0	0	0
13	SLE RA 20	0.04	-0.22	7.47	0	0	0
13	SLE RA 21	0.04	-0.22	7.48	0	0	0
13	SLE FR 1	0.05	-0.21	6.66	0	0	0
13	SLE FR 2	0.05	-0.21	6.66	0	0	0
13	SLE FR 3	0.05	-0.21	6.68	0	0	0
13	SLE FR 4	0.05	-0.21	6.89	0	0	0
13	SLE FR 5	0.05	-0.22	6.91	0	0	0
13	SLE FR 6	0.05	-0.22	7.04	0	0	0
13	SLE QP 1	0.05	-0.21	6.66	0	0	0
13	SLE QP 2	0.05	-0.22	6.88	0	0	0
13	SLD 1	0.45	-0.17	6.85	0	0	0
13	SLD 2	0.47	-0.16	6.86	0	0	0
13	SLD 3	0.44	-0.29	6.79	0	0	0
13	SLD 4	0.45	-0.28	6.8	0	0	0
13	SLD 5	0.2	-0.02	6.96	0	0	0
13	SLD 6	0.21	-0.01	6.96	0	0	0
13	SLD 7	0.14	-0.42	6.77	0	0	0
13	SLD 8	0.15	-0.41	6.77	0	0	0
13	SLD 9	-0.05	-0.02	6.99	0	0	0
13	SLD 10	-0.03	-0.01	7	0	0	0
13	SLD 11	-0.11	-0.42	6.81	0	0	0
13	SLD 12	-0.1	-0.41	6.81	0	0	0
13	SLD 13	-0.35	-0.15	6.97	0	0	0
13	SLD 14	-0.34	-0.14	6.98	0	0	0
13	SLD 15	-0.37	-0.27	6.91	0	0	0
13	SLD 16	-0.35	-0.26	6.92	0	0	0
13	SLV 1	1	-0.11	6.8	0	0	0
13	SLV 2	1.04	-0.09	6.82	0	0	0
13	SLV 3	0.95	-0.38	6.67	0	0	0
13	SLV 4	1	-0.36	6.69	0	0	0
13	SLV 5	0.39	0.22	7.05	0	0	0
13	SLV 6	0.42	0.24	7.06	0	0	0
13	SLV 7	0.25	-0.68	6.62	0	0	0
13	SLV 8	0.28	-0.67	6.63	0	0	0
13	SLV 9	-0.18	0.23	7.14	0	0	0
13	SLV 10	-0.15	0.25	7.15	0	0	0
13	SLV 11	-0.32	-0.67	6.71	0	0	0
13	SLV 12	-0.29	-0.65	6.72	0	0	0
13	SLV 13	-0.9	-0.07	7.08	0	0	0
13	SLV 14	-0.85	-0.05	7.09	0	0	0
13	SLV 15	-0.94	-0.34	6.95	0	0	0
13	SLV 16	-0.89	-0.32	6.97	0	0	0
14	SLU 1	0.05	-0.2	6.47	0	0	0
14	SLU 2	0.05	-0.2	6.48	0	0	0
14	SLU 3	0.05	-0.21	6.61	0	0	0
14	SLU 4	0.05	-0.2	6.62	0	0	0
14	SLU 5	0.05	-0.2	6.56	0	0	0
14	SLU 6	0.05	-0.21	6.69	0	0	0
14	SLU 7	0.05	-0.2	6.7	0	0	0
14	SLU 8	0.05	-0.2	6.63	0	0	0
14	SLU 9	0.05	-0.2	6.64	0	0	0
14	SLU 10	0.04	-0.21	7.27	0	0	0
14	SLU 11	0.04	-0.21	7.4	0	0	0
14	SLU 12	0.04	-0.21	7.41	0	0	0
14	SLU 13	0.04	-0.21	7.35	0	0	0
14	SLU 14	0.04	-0.21	7.48	0	0	0
14	SLU 15	0.04	-0.21	7.49	0	0	0
14	SLU 16	0.04	-0.21	7.42	0	0	0
14	SLU 17	0.04	-0.21	7.43	0	0	0
14	SLU 18	0.04	-0.22	7.6	0	0	0
14	SLU 19	0.04	-0.21	7.6	0	0	0
14	SLU 20	0.04	-0.22	7.68	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
14	SLU 21	0.04	-0.21	7.68	0	0	0
14	SLU 22	0.06	-0.2	7.17	0	0	0
14	SLU 23	0.05	-0.2	7.18	0	0	0
14	SLU 24	0.05	-0.2	7.31	0	0	0
14	SLU 25	0.05	-0.2	7.32	0	0	0
14	SLU 26	0.05	-0.2	7.26	0	0	0
14	SLU 27	0.05	-0.2	7.39	0	0	0
14	SLU 28	0.05	-0.2	7.4	0	0	0
14	SLU 29	0.05	-0.2	7.33	0	0	0
14	SLU 30	0.05	-0.2	7.34	0	0	0
14	SLU 31	0.05	-0.2	7.97	0	0	0
14	SLU 32	0.04	-0.21	8.1	0	0	0
14	SLU 33	0.04	-0.21	8.11	0	0	0
14	SLU 34	0.04	-0.2	8.05	0	0	0
14	SLU 35	0.04	-0.21	8.18	0	0	0
14	SLU 36	0.04	-0.21	8.19	0	0	0
14	SLU 37	0.04	-0.21	8.12	0	0	0
14	SLU 38	0.04	-0.21	8.13	0	0	0
14	SLU 39	0.04	-0.21	8.3	0	0	0
14	SLU 40	0.04	-0.21	8.3	0	0	0
14	SLU 41	0.04	-0.21	8.38	0	0	0
14	SLU 42	0.04	-0.21	8.38	0	0	0
14	SLU 43	0.07	-0.27	8.17	0	0	0
14	SLU 44	0.07	-0.26	8.18	0	0	0
14	SLU 45	0.06	-0.27	8.31	0	0	0
14	SLU 46	0.06	-0.27	8.32	0	0	0
14	SLU 47	0.06	-0.26	8.26	0	0	0
14	SLU 48	0.06	-0.27	8.4	0	0	0
14	SLU 49	0.06	-0.27	8.4	0	0	0
14	SLU 50	0.06	-0.27	8.33	0	0	0
14	SLU 51	0.06	-0.26	8.34	0	0	0
14	SLU 52	0.06	-0.27	8.97	0	0	0
14	SLU 53	0.05	-0.28	9.1	0	0	0
14	SLU 54	0.05	-0.27	9.11	0	0	0
14	SLU 55	0.05	-0.27	9.05	0	0	0
14	SLU 56	0.05	-0.28	9.18	0	0	0
14	SLU 57	0.05	-0.27	9.19	0	0	0
14	SLU 58	0.05	-0.28	9.12	0	0	0
14	SLU 59	0.05	-0.27	9.13	0	0	0
14	SLU 60	0.05	-0.28	9.3	0	0	0
14	SLU 61	0.05	-0.28	9.3	0	0	0
14	SLU 62	0.05	-0.28	9.38	0	0	0
14	SLU 63	0.05	-0.28	9.39	0	0	0
14	SLU 64	0.07	-0.26	8.87	0	0	0
14	SLU 65	0.07	-0.26	8.88	0	0	0
14	SLU 66	0.07	-0.26	9.01	0	0	0
14	SLU 67	0.07	-0.26	9.02	0	0	0
14	SLU 68	0.07	-0.26	8.96	0	0	0
14	SLU 69	0.06	-0.26	9.1	0	0	0
14	SLU 70	0.06	-0.26	9.1	0	0	0
14	SLU 71	0.06	-0.26	9.03	0	0	0
14	SLU 72	0.06	-0.26	9.04	0	0	0
14	SLU 73	0.06	-0.27	9.67	0	0	0
14	SLU 74	0.06	-0.27	9.8	0	0	0
14	SLU 75	0.06	-0.27	9.81	0	0	0
14	SLU 76	0.06	-0.27	9.75	0	0	0
14	SLU 77	0.05	-0.27	9.89	0	0	0
14	SLU 78	0.05	-0.27	9.89	0	0	0
14	SLU 79	0.05	-0.27	9.82	0	0	0
14	SLU 80	0.05	-0.27	9.83	0	0	0
14	SLU 81	0.06	-0.28	10	0	0	0
14	SLU 82	0.06	-0.27	10	0	0	0
14	SLU 83	0.05	-0.28	10.08	0	0	0
14	SLU 84	0.05	-0.27	10.09	0	0	0
14	SLE RA 1	0.05	-0.2	6.67	0	0	0
14	SLE RA 2	0.05	-0.2	6.68	0	0	0
14	SLE RA 3	0.05	-0.2	6.77	0	0	0
14	SLE RA 4	0.05	-0.2	6.77	0	0	0
14	SLE RA 5	0.05	-0.2	6.73	0	0	0
14	SLE RA 6	0.05	-0.2	6.82	0	0	0
14	SLE RA 7	0.05	-0.2	6.82	0	0	0
14	SLE RA 8	0.05	-0.2	6.78	0	0	0
14	SLE RA 9	0.05	-0.2	6.78	0	0	0
14	SLE RA 10	0.05	-0.21	7.2	0	0	0
14	SLE RA 11	0.05	-0.21	7.29	0	0	0
14	SLE RA 12	0.04	-0.21	7.3	0	0	0
14	SLE RA 13	0.04	-0.21	7.26	0	0	0
14	SLE RA 14	0.04	-0.21	7.35	0	0	0
14	SLE RA 15	0.04	-0.21	7.35	0	0	0
14	SLE RA 16	0.04	-0.21	7.3	0	0	0
14	SLE RA 17	0.04	-0.21	7.31	0	0	0
14	SLE RA 18	0.04	-0.21	7.42	0	0	0
14	SLE RA 19	0.04	-0.21	7.43	0	0	0
14	SLE RA 20	0.04	-0.21	7.48	0	0	0
14	SLE RA 21	0.04	-0.21	7.48	0	0	0
14	SLE FR 1	0.05	-0.2	6.67	0	0	0
14	SLE FR 2	0.05	-0.2	6.67	0	0	0
14	SLE FR 3	0.05	-0.2	6.69	0	0	0
14	SLE FR 4	0.05	-0.21	6.9	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
14	SLE FR 5	0.05	-0.21	6.92	0	0	0
14	SLE FR 6	0.05	-0.21	7.05	0	0	0
14	SLE QP 1	0.05	-0.2	6.67	0	0	0
14	SLE QP 2	0.05	-0.21	6.89	0	0	0
14	SLD 1	0.45	-0.16	6.83	0	0	0
14	SLD 2	0.47	-0.15	6.83	0	0	0
14	SLD 3	0.44	-0.28	6.77	0	0	0
14	SLD 4	0.45	-0.27	6.77	0	0	0
14	SLD 5	0.2	-0.02	6.97	0	0	0
14	SLD 6	0.21	-0.01	6.97	0	0	0
14	SLD 7	0.14	-0.41	6.76	0	0	0
14	SLD 8	0.15	-0.4	6.77	0	0	0
14	SLD 9	-0.05	-0.01	7.02	0	0	0
14	SLD 10	-0.03	0	7.03	0	0	0
14	SLD 11	-0.11	-0.41	6.82	0	0	0
14	SLD 12	-0.1	-0.4	6.82	0	0	0
14	SLD 13	-0.35	-0.15	7.02	0	0	0
14	SLD 14	-0.34	-0.13	7.02	0	0	0
14	SLD 15	-0.37	-0.26	6.96	0	0	0
14	SLD 16	-0.35	-0.25	6.96	0	0	0
14	SLV 1	1	-0.11	6.74	0	0	0
14	SLV 2	1.04	-0.07	6.75	0	0	0
14	SLV 3	0.95	-0.37	6.6	0	0	0
14	SLV 4	1	-0.34	6.61	0	0	0
14	SLV 5	0.39	0.22	7.06	0	0	0
14	SLV 6	0.42	0.25	7.06	0	0	0
14	SLV 7	0.25	-0.67	6.59	0	0	0
14	SLV 8	0.28	-0.65	6.6	0	0	0
14	SLV 9	-0.18	0.24	7.19	0	0	0
14	SLV 10	-0.15	0.26	7.2	0	0	0
14	SLV 11	-0.32	-0.66	6.73	0	0	0
14	SLV 12	-0.29	-0.64	6.73	0	0	0
14	SLV 13	-0.9	-0.07	7.18	0	0	0
14	SLV 14	-0.85	-0.04	7.19	0	0	0
14	SLV 15	-0.94	-0.34	7.04	0	0	0
14	SLV 16	-0.89	-0.31	7.05	0	0	0
15	SLU 1	0.05	-0.2	6.48	0	0	0
15	SLU 2	0.05	-0.19	6.49	0	0	0
15	SLU 3	0.05	-0.2	6.62	0	0	0
15	SLU 4	0.05	-0.19	6.63	0	0	0
15	SLU 5	0.05	-0.19	6.57	0	0	0
15	SLU 6	0.05	-0.2	6.7	0	0	0
15	SLU 7	0.05	-0.19	6.71	0	0	0
15	SLU 8	0.05	-0.2	6.64	0	0	0
15	SLU 9	0.05	-0.19	6.64	0	0	0
15	SLU 10	0.04	-0.2	7.27	0	0	0
15	SLU 11	0.04	-0.2	7.4	0	0	0
15	SLU 12	0.04	-0.2	7.41	0	0	0
15	SLU 13	0.04	-0.2	7.35	0	0	0
15	SLU 14	0.04	-0.2	7.48	0	0	0
15	SLU 15	0.04	-0.2	7.49	0	0	0
15	SLU 16	0.04	-0.2	7.42	0	0	0
15	SLU 17	0.04	-0.2	7.42	0	0	0
15	SLU 18	0.04	-0.21	7.59	0	0	0
15	SLU 19	0.04	-0.2	7.6	0	0	0
15	SLU 20	0.03	-0.21	7.67	0	0	0
15	SLU 21	0.03	-0.2	7.68	0	0	0
15	SLU 22	0.05	-0.19	7.18	0	0	0
15	SLU 23	0.05	-0.19	7.19	0	0	0
15	SLU 24	0.05	-0.19	7.32	0	0	0
15	SLU 25	0.05	-0.19	7.33	0	0	0
15	SLU 26	0.05	-0.19	7.27	0	0	0
15	SLU 27	0.05	-0.19	7.4	0	0	0
15	SLU 28	0.05	-0.19	7.41	0	0	0
15	SLU 29	0.05	-0.19	7.34	0	0	0
15	SLU 30	0.05	-0.19	7.34	0	0	0
15	SLU 31	0.05	-0.19	7.97	0	0	0
15	SLU 32	0.04	-0.2	8.1	0	0	0
15	SLU 33	0.04	-0.2	8.11	0	0	0
15	SLU 34	0.04	-0.19	8.05	0	0	0
15	SLU 35	0.04	-0.2	8.18	0	0	0
15	SLU 36	0.04	-0.2	8.19	0	0	0
15	SLU 37	0.04	-0.2	8.12	0	0	0
15	SLU 38	0.04	-0.2	8.12	0	0	0
15	SLU 39	0.04	-0.2	8.29	0	0	0
15	SLU 40	0.04	-0.2	8.3	0	0	0
15	SLU 41	0.04	-0.2	8.37	0	0	0
15	SLU 42	0.04	-0.2	8.38	0	0	0
15	SLU 43	0.07	-0.26	8.18	0	0	0
15	SLU 44	0.07	-0.25	8.19	0	0	0
15	SLU 45	0.06	-0.26	8.33	0	0	0
15	SLU 46	0.06	-0.25	8.33	0	0	0
15	SLU 47	0.06	-0.25	8.27	0	0	0
15	SLU 48	0.06	-0.26	8.41	0	0	0
15	SLU 49	0.06	-0.25	8.41	0	0	0
15	SLU 50	0.06	-0.26	8.34	0	0	0
15	SLU 51	0.06	-0.25	8.35	0	0	0
15	SLU 52	0.06	-0.26	8.97	0	0	0
15	SLU 53	0.05	-0.26	9.11	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
15	SLU 54	0.05	-0.26	9.11	0	0	0
15	SLU 55	0.05	-0.26	9.05	0	0	0
15	SLU 56	0.05	-0.26	9.19	0	0	0
15	SLU 57	0.05	-0.26	9.19	0	0	0
15	SLU 58	0.05	-0.26	9.12	0	0	0
15	SLU 59	0.05	-0.26	9.13	0	0	0
15	SLU 60	0.05	-0.27	9.3	0	0	0
15	SLU 61	0.05	-0.26	9.3	0	0	0
15	SLU 62	0.05	-0.27	9.38	0	0	0
15	SLU 63	0.05	-0.26	9.38	0	0	0
15	SLU 64	0.07	-0.25	8.88	0	0	0
15	SLU 65	0.07	-0.25	8.89	0	0	0
15	SLU 66	0.07	-0.25	9.02	0	0	0
15	SLU 67	0.07	-0.25	9.03	0	0	0
15	SLU 68	0.07	-0.25	8.97	0	0	0
15	SLU 69	0.06	-0.25	9.1	0	0	0
15	SLU 70	0.06	-0.25	9.11	0	0	0
15	SLU 71	0.06	-0.25	9.04	0	0	0
15	SLU 72	0.06	-0.25	9.05	0	0	0
15	SLU 73	0.06	-0.25	9.67	0	0	0
15	SLU 74	0.06	-0.26	9.81	0	0	0
15	SLU 75	0.06	-0.26	9.81	0	0	0
15	SLU 76	0.06	-0.25	9.75	0	0	0
15	SLU 77	0.05	-0.26	9.88	0	0	0
15	SLU 78	0.05	-0.26	9.89	0	0	0
15	SLU 79	0.05	-0.26	9.82	0	0	0
15	SLU 80	0.05	-0.26	9.83	0	0	0
15	SLU 81	0.06	-0.26	10	0	0	0
15	SLU 82	0.06	-0.26	10	0	0	0
15	SLU 83	0.05	-0.26	10.08	0	0	0
15	SLU 84	0.05	-0.26	10.08	0	0	0
15	SLE RA 1	0.05	-0.19	6.68	0	0	0
15	SLE RA 2	0.05	-0.19	6.69	0	0	0
15	SLE RA 3	0.05	-0.19	6.77	0	0	0
15	SLE RA 4	0.05	-0.19	6.78	0	0	0
15	SLE RA 5	0.05	-0.19	6.74	0	0	0
15	SLE RA 6	0.05	-0.19	6.83	0	0	0
15	SLE RA 7	0.05	-0.19	6.83	0	0	0
15	SLE RA 8	0.05	-0.19	6.78	0	0	0
15	SLE RA 9	0.05	-0.19	6.79	0	0	0
15	SLE RA 10	0.05	-0.2	7.21	0	0	0
15	SLE RA 11	0.04	-0.2	7.29	0	0	0
15	SLE RA 12	0.04	-0.2	7.3	0	0	0
15	SLE RA 13	0.04	-0.2	7.26	0	0	0
15	SLE RA 14	0.04	-0.2	7.35	0	0	0
15	SLE RA 15	0.04	-0.2	7.35	0	0	0
15	SLE RA 16	0.04	-0.2	7.31	0	0	0
15	SLE RA 17	0.04	-0.2	7.31	0	0	0
15	SLE RA 18	0.04	-0.2	7.42	0	0	0
15	SLE RA 19	0.04	-0.2	7.43	0	0	0
15	SLE RA 20	0.04	-0.2	7.48	0	0	0
15	SLE RA 21	0.04	-0.2	7.48	0	0	0
15	SLE FR 1	0.05	-0.19	6.68	0	0	0
15	SLE FR 2	0.05	-0.19	6.68	0	0	0
15	SLE FR 3	0.05	-0.19	6.7	0	0	0
15	SLE FR 4	0.05	-0.2	6.9	0	0	0
15	SLE FR 5	0.05	-0.2	6.92	0	0	0
15	SLE FR 6	0.05	-0.2	7.05	0	0	0
15	SLE QP 1	0.05	-0.19	6.68	0	0	0
15	SLE QP 2	0.05	-0.2	6.9	0	0	0
15	SLD 1	0.45	-0.15	6.81	0	0	0
15	SLD 2	0.47	-0.14	6.81	0	0	0
15	SLD 3	0.44	-0.27	6.74	0	0	0
15	SLD 4	0.45	-0.25	6.74	0	0	0
15	SLD 5	0.2	-0.01	6.98	0	0	0
15	SLD 6	0.21	0	6.98	0	0	0
15	SLD 7	0.13	-0.4	6.75	0	0	0
15	SLD 8	0.15	-0.39	6.75	0	0	0
15	SLD 9	-0.05	0	7.05	0	0	0
15	SLD 10	-0.03	0.01	7.05	0	0	0
15	SLD 11	-0.11	-0.39	6.83	0	0	0
15	SLD 12	-0.1	-0.38	6.83	0	0	0
15	SLD 13	-0.35	-0.14	7.06	0	0	0
15	SLD 14	-0.34	-0.12	7.06	0	0	0
15	SLD 15	-0.37	-0.25	7	0	0	0
15	SLD 16	-0.35	-0.24	7	0	0	0
15	SLV 1	1	-0.1	6.68	0	0	0
15	SLV 2	1.04	-0.06	6.68	0	0	0
15	SLV 3	0.95	-0.37	6.52	0	0	0
15	SLV 4	1	-0.33	6.53	0	0	0
15	SLV 5	0.39	0.23	7.07	0	0	0
15	SLV 6	0.42	0.25	7.07	0	0	0
15	SLV 7	0.25	-0.66	6.56	0	0	0
15	SLV 8	0.28	-0.63	6.56	0	0	0
15	SLV 9	-0.18	0.24	7.25	0	0	0
15	SLV 10	-0.15	0.26	7.25	0	0	0
15	SLV 11	-0.32	-0.64	6.74	0	0	0
15	SLV 12	-0.29	-0.62	6.74	0	0	0
15	SLV 13	-0.9	-0.06	7.28	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
15	SLV 14	-0.85	-0.02	7.28	0	0	0
15	SLV 15	-0.94	-0.33	7.13	0	0	0
15	SLV 16	-0.9	-0.29	7.13	0	0	0
16	SLU 1	0.05	-0.19	6.5	0	0	0
16	SLU 2	0.05	-0.18	6.51	0	0	0
16	SLU 3	0.05	-0.19	6.64	0	0	0
16	SLU 4	0.05	-0.19	6.65	0	0	0
16	SLU 5	0.05	-0.18	6.59	0	0	0
16	SLU 6	0.05	-0.19	6.72	0	0	0
16	SLU 7	0.05	-0.18	6.73	0	0	0
16	SLU 8	0.05	-0.19	6.66	0	0	0
16	SLU 9	0.05	-0.18	6.66	0	0	0
16	SLU 10	0.04	-0.19	7.28	0	0	0
16	SLU 11	0.04	-0.19	7.41	0	0	0
16	SLU 12	0.04	-0.19	7.42	0	0	0
16	SLU 13	0.04	-0.19	7.36	0	0	0
16	SLU 14	0.04	-0.19	7.49	0	0	0
16	SLU 15	0.04	-0.19	7.5	0	0	0
16	SLU 16	0.04	-0.19	7.43	0	0	0
16	SLU 17	0.04	-0.19	7.43	0	0	0
16	SLU 18	0.04	-0.2	7.6	0	0	0
16	SLU 19	0.04	-0.19	7.61	0	0	0
16	SLU 20	0.03	-0.2	7.68	0	0	0
16	SLU 21	0.03	-0.19	7.69	0	0	0
16	SLU 22	0.05	-0.18	7.2	0	0	0
16	SLU 23	0.05	-0.18	7.21	0	0	0
16	SLU 24	0.05	-0.18	7.34	0	0	0
16	SLU 25	0.05	-0.18	7.35	0	0	0
16	SLU 26	0.05	-0.18	7.29	0	0	0
16	SLU 27	0.05	-0.18	7.42	0	0	0
16	SLU 28	0.05	-0.18	7.42	0	0	0
16	SLU 29	0.05	-0.18	7.35	0	0	0
16	SLU 30	0.05	-0.18	7.36	0	0	0
16	SLU 31	0.04	-0.18	7.98	0	0	0
16	SLU 32	0.04	-0.19	8.11	0	0	0
16	SLU 33	0.04	-0.19	8.12	0	0	0
16	SLU 34	0.04	-0.18	8.06	0	0	0
16	SLU 35	0.04	-0.19	8.19	0	0	0
16	SLU 36	0.04	-0.19	8.2	0	0	0
16	SLU 37	0.04	-0.19	8.13	0	0	0
16	SLU 38	0.04	-0.19	8.13	0	0	0
16	SLU 39	0.04	-0.19	8.3	0	0	0
16	SLU 40	0.04	-0.19	8.31	0	0	0
16	SLU 41	0.04	-0.19	8.38	0	0	0
16	SLU 42	0.04	-0.19	8.39	0	0	0
16	SLU 43	0.07	-0.25	8.21	0	0	0
16	SLU 44	0.07	-0.24	8.22	0	0	0
16	SLU 45	0.06	-0.25	8.35	0	0	0
16	SLU 46	0.06	-0.24	8.36	0	0	0
16	SLU 47	0.06	-0.24	8.3	0	0	0
16	SLU 48	0.06	-0.25	8.43	0	0	0
16	SLU 49	0.06	-0.24	8.44	0	0	0
16	SLU 50	0.06	-0.24	8.37	0	0	0
16	SLU 51	0.06	-0.24	8.37	0	0	0
16	SLU 52	0.06	-0.25	9	0	0	0
16	SLU 53	0.05	-0.25	9.12	0	0	0
16	SLU 54	0.05	-0.25	9.13	0	0	0
16	SLU 55	0.05	-0.25	9.07	0	0	0
16	SLU 56	0.05	-0.25	9.2	0	0	0
16	SLU 57	0.05	-0.25	9.21	0	0	0
16	SLU 58	0.05	-0.25	9.14	0	0	0
16	SLU 59	0.05	-0.25	9.15	0	0	0
16	SLU 60	0.05	-0.25	9.32	0	0	0
16	SLU 61	0.05	-0.25	9.32	0	0	0
16	SLU 62	0.05	-0.25	9.39	0	0	0
16	SLU 63	0.05	-0.25	9.4	0	0	0
16	SLU 64	0.07	-0.24	8.91	0	0	0
16	SLU 65	0.07	-0.24	8.92	0	0	0
16	SLU 66	0.07	-0.24	9.05	0	0	0
16	SLU 67	0.07	-0.24	9.06	0	0	0
16	SLU 68	0.07	-0.24	9	0	0	0
16	SLU 69	0.06	-0.24	9.13	0	0	0
16	SLU 70	0.06	-0.24	9.14	0	0	0
16	SLU 71	0.06	-0.24	9.07	0	0	0
16	SLU 72	0.06	-0.24	9.07	0	0	0
16	SLU 73	0.06	-0.24	9.69	0	0	0
16	SLU 74	0.06	-0.25	9.82	0	0	0
16	SLU 75	0.06	-0.24	9.83	0	0	0
16	SLU 76	0.06	-0.24	9.77	0	0	0
16	SLU 77	0.05	-0.25	9.9	0	0	0
16	SLU 78	0.05	-0.24	9.91	0	0	0
16	SLU 79	0.05	-0.25	9.84	0	0	0
16	SLU 80	0.05	-0.24	9.84	0	0	0
16	SLU 81	0.06	-0.25	10.01	0	0	0
16	SLU 82	0.06	-0.25	10.02	0	0	0
16	SLU 83	0.05	-0.25	10.09	0	0	0
16	SLU 84	0.05	-0.25	10.1	0	0	0
16	SLE RA 1	0.05	-0.19	6.7	0	0	0
16	SLE RA 2	0.05	-0.18	6.71	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
16	SLE RA 3	0.05	-0.19	6.79	0	0	0
16	SLE RA 4	0.05	-0.18	6.8	0	0	0
16	SLE RA 5	0.05	-0.18	6.76	0	0	0
16	SLE RA 6	0.05	-0.19	6.85	0	0	0
16	SLE RA 7	0.05	-0.18	6.85	0	0	0
16	SLE RA 8	0.05	-0.19	6.8	0	0	0
16	SLE RA 9	0.05	-0.18	6.81	0	0	0
16	SLE RA 10	0.05	-0.19	7.22	0	0	0
16	SLE RA 11	0.04	-0.19	7.31	0	0	0
16	SLE RA 12	0.04	-0.19	7.31	0	0	0
16	SLE RA 13	0.04	-0.19	7.27	0	0	0
16	SLE RA 14	0.04	-0.19	7.36	0	0	0
16	SLE RA 15	0.04	-0.19	7.37	0	0	0
16	SLE RA 16	0.04	-0.19	7.32	0	0	0
16	SLE RA 17	0.04	-0.19	7.32	0	0	0
16	SLE RA 18	0.04	-0.19	7.44	0	0	0
16	SLE RA 19	0.04	-0.19	7.44	0	0	0
16	SLE RA 20	0.04	-0.19	7.49	0	0	0
16	SLE RA 21	0.04	-0.19	7.49	0	0	0
16	SLE FR 1	0.05	-0.19	6.7	0	0	0
16	SLE FR 2	0.05	-0.19	6.7	0	0	0
16	SLE FR 3	0.05	-0.19	6.72	0	0	0
16	SLE FR 4	0.05	-0.19	6.92	0	0	0
16	SLE FR 5	0.05	-0.19	6.94	0	0	0
16	SLE FR 6	0.05	-0.19	7.07	0	0	0
16	SLE QP 1	0.05	-0.19	6.7	0	0	0
16	SLE QP 2	0.05	-0.19	6.92	0	0	0
16	SLD 1	0.46	-0.13	6.8	0	0	0
16	SLD 2	0.47	-0.11	6.79	0	0	0
16	SLD 3	0.44	-0.25	6.72	0	0	0
16	SLD 4	0.46	-0.23	6.72	0	0	0
16	SLD 5	0.2	0	7	0	0	0
16	SLD 6	0.21	0.01	6.99	0	0	0
16	SLD 7	0.13	-0.38	6.75	0	0	0
16	SLD 8	0.15	-0.37	6.75	0	0	0
16	SLD 9	-0.05	0	7.1	0	0	0
16	SLD 10	-0.04	0.01	7.09	0	0	0
16	SLD 11	-0.11	-0.39	6.85	0	0	0
16	SLD 12	-0.1	-0.38	6.85	0	0	0
16	SLD 13	-0.36	-0.15	7.12	0	0	0
16	SLD 14	-0.34	-0.13	7.12	0	0	0
16	SLD 15	-0.37	-0.26	7.05	0	0	0
16	SLD 16	-0.36	-0.24	7.05	0	0	0
16	SLV 1	1	-0.06	6.62	0	0	0
16	SLV 2	1.04	-0.01	6.62	0	0	0
16	SLV 3	0.96	-0.32	6.46	0	0	0
16	SLV 4	1	-0.27	6.45	0	0	0
16	SLV 5	0.39	0.24	7.09	0	0	0
16	SLV 6	0.42	0.27	7.08	0	0	0
16	SLV 7	0.25	-0.63	6.53	0	0	0
16	SLV 8	0.28	-0.6	6.53	0	0	0
16	SLV 9	-0.18	0.23	7.32	0	0	0
16	SLV 10	-0.15	0.26	7.31	0	0	0
16	SLV 11	-0.32	-0.65	6.76	0	0	0
16	SLV 12	-0.29	-0.62	6.76	0	0	0
16	SLV 13	-0.9	-0.1	7.39	0	0	0
16	SLV 14	-0.86	-0.06	7.39	0	0	0
16	SLV 15	-0.94	-0.36	7.23	0	0	0
16	SLV 16	-0.9	-0.32	7.22	0	0	0
17	SLU 1	0.03	-0.09	3.26	0	0	0
17	SLU 2	0.03	-0.09	3.26	0	0	0
17	SLU 3	0.02	-0.09	3.33	0	0	0
17	SLU 4	0.02	-0.09	3.33	0	0	0
17	SLU 5	0.02	-0.09	3.3	0	0	0
17	SLU 6	0.02	-0.09	3.36	0	0	0
17	SLU 7	0.02	-0.09	3.37	0	0	0
17	SLU 8	0.02	-0.09	3.33	0	0	0
17	SLU 9	0.02	-0.09	3.33	0	0	0
17	SLU 10	0.02	-0.09	3.64	0	0	0
17	SLU 11	0.02	-0.09	3.71	0	0	0
17	SLU 12	0.02	-0.09	3.71	0	0	0
17	SLU 13	0.02	-0.09	3.68	0	0	0
17	SLU 14	0.02	-0.09	3.74	0	0	0
17	SLU 15	0.02	-0.09	3.75	0	0	0
17	SLU 16	0.02	-0.09	3.71	0	0	0
17	SLU 17	0.02	-0.09	3.72	0	0	0
17	SLU 18	0.02	-0.09	3.8	0	0	0
17	SLU 19	0.02	-0.09	3.8	0	0	0
17	SLU 20	0.02	-0.09	3.84	0	0	0
17	SLU 21	0.02	-0.09	3.84	0	0	0
17	SLU 22	0.03	-0.09	3.6	0	0	0
17	SLU 23	0.03	-0.08	3.61	0	0	0
17	SLU 24	0.03	-0.09	3.67	0	0	0
17	SLU 25	0.03	-0.09	3.68	0	0	0
17	SLU 26	0.03	-0.08	3.65	0	0	0
17	SLU 27	0.02	-0.09	3.71	0	0	0
17	SLU 28	0.02	-0.09	3.72	0	0	0
17	SLU 29	0.02	-0.09	3.68	0	0	0
17	SLU 30	0.02	-0.08	3.68	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
17	SLU 31	0.02	-0.09	3.99	0	0	0
17	SLU 32	0.02	-0.09	4.06	0	0	0
17	SLU 33	0.02	-0.09	4.06	0	0	0
17	SLU 34	0.02	-0.09	4.03	0	0	0
17	SLU 35	0.02	-0.09	4.09	0	0	0
17	SLU 36	0.02	-0.09	4.1	0	0	0
17	SLU 37	0.02	-0.09	4.06	0	0	0
17	SLU 38	0.02	-0.09	4.07	0	0	0
17	SLU 39	0.02	-0.09	4.15	0	0	0
17	SLU 40	0.02	-0.09	4.15	0	0	0
17	SLU 41	0.02	-0.09	4.19	0	0	0
17	SLU 42	0.02	-0.09	4.19	0	0	0
17	SLU 43	0.03	-0.12	4.11	0	0	0
17	SLU 44	0.03	-0.12	4.12	0	0	0
17	SLU 45	0.03	-0.12	4.18	0	0	0
17	SLU 46	0.03	-0.12	4.19	0	0	0
17	SLU 47	0.03	-0.11	4.16	0	0	0
17	SLU 48	0.03	-0.12	4.22	0	0	0
17	SLU 49	0.03	-0.12	4.22	0	0	0
17	SLU 50	0.03	-0.12	4.19	0	0	0
17	SLU 51	0.03	-0.12	4.19	0	0	0
17	SLU 52	0.03	-0.12	4.5	0	0	0
17	SLU 53	0.03	-0.12	4.56	0	0	0
17	SLU 54	0.03	-0.12	4.57	0	0	0
17	SLU 55	0.03	-0.12	4.54	0	0	0
17	SLU 56	0.03	-0.12	4.6	0	0	0
17	SLU 57	0.03	-0.12	4.61	0	0	0
17	SLU 58	0.02	-0.12	4.57	0	0	0
17	SLU 59	0.02	-0.12	4.57	0	0	0
17	SLU 60	0.03	-0.12	4.66	0	0	0
17	SLU 61	0.03	-0.12	4.66	0	0	0
17	SLU 62	0.02	-0.12	4.7	0	0	0
17	SLU 63	0.02	-0.12	4.7	0	0	0
17	SLU 64	0.03	-0.11	4.46	0	0	0
17	SLU 65	0.03	-0.11	4.47	0	0	0
17	SLU 66	0.03	-0.11	4.53	0	0	0
17	SLU 67	0.03	-0.11	4.53	0	0	0
17	SLU 68	0.03	-0.11	4.51	0	0	0
17	SLU 69	0.03	-0.11	4.57	0	0	0
17	SLU 70	0.03	-0.11	4.57	0	0	0
17	SLU 71	0.03	-0.11	4.54	0	0	0
17	SLU 72	0.03	-0.11	4.54	0	0	0
17	SLU 73	0.03	-0.11	4.85	0	0	0
17	SLU 74	0.03	-0.12	4.91	0	0	0
17	SLU 75	0.03	-0.12	4.92	0	0	0
17	SLU 76	0.03	-0.11	4.89	0	0	0
17	SLU 77	0.03	-0.12	4.95	0	0	0
17	SLU 78	0.03	-0.12	4.95	0	0	0
17	SLU 79	0.03	-0.12	4.92	0	0	0
17	SLU 80	0.03	-0.12	4.92	0	0	0
17	SLU 81	0.03	-0.12	5.01	0	0	0
17	SLU 82	0.03	-0.12	5.01	0	0	0
17	SLU 83	0.03	-0.12	5.04	0	0	0
17	SLU 84	0.03	-0.12	5.05	0	0	0
17	SLE RA 1	0.03	-0.09	3.36	0	0	0
17	SLE RA 2	0.03	-0.09	3.36	0	0	0
17	SLE RA 3	0.03	-0.09	3.4	0	0	0
17	SLE RA 4	0.03	-0.09	3.4	0	0	0
17	SLE RA 5	0.03	-0.09	3.38	0	0	0
17	SLE RA 6	0.02	-0.09	3.43	0	0	0
17	SLE RA 7	0.02	-0.09	3.43	0	0	0
17	SLE RA 8	0.02	-0.09	3.41	0	0	0
17	SLE RA 9	0.02	-0.09	3.41	0	0	0
17	SLE RA 10	0.02	-0.09	3.61	0	0	0
17	SLE RA 11	0.02	-0.09	3.66	0	0	0
17	SLE RA 12	0.02	-0.09	3.66	0	0	0
17	SLE RA 13	0.02	-0.09	3.64	0	0	0
17	SLE RA 14	0.02	-0.09	3.68	0	0	0
17	SLE RA 15	0.02	-0.09	3.68	0	0	0
17	SLE RA 16	0.02	-0.09	3.66	0	0	0
17	SLE RA 17	0.02	-0.09	3.66	0	0	0
17	SLE RA 18	0.02	-0.09	3.72	0	0	0
17	SLE RA 19	0.02	-0.09	3.72	0	0	0
17	SLE RA 20	0.02	-0.09	3.74	0	0	0
17	SLE RA 21	0.02	-0.09	3.75	0	0	0
17	SLE FR 1	0.03	-0.09	3.36	0	0	0
17	SLE FR 2	0.03	-0.09	3.36	0	0	0
17	SLE FR 3	0.03	-0.09	3.37	0	0	0
17	SLE FR 4	0.02	-0.09	3.47	0	0	0
17	SLE FR 5	0.02	-0.09	3.47	0	0	0
17	SLE FR 6	0.02	-0.09	3.54	0	0	0
17	SLE QP 1	0.03	-0.09	3.36	0	0	0
17	SLE QP 2	0.02	-0.09	3.46	0	0	0
17	SLD 1	0.23	-0.06	3.39	0	0	0
17	SLD 2	0.24	-0.05	3.38	0	0	0
17	SLD 3	0.22	-0.12	3.35	0	0	0
17	SLD 4	0.23	-0.11	3.34	0	0	0
17	SLD 5	0.1	0	3.5	0	0	0
17	SLD 6	0.1	0.01	3.5	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
17	SLD 7	0.07	-0.19	3.37	0	0	0
17	SLD 8	0.07	-0.18	3.37	0	0	0
17	SLD 9	-0.02	0	3.56	0	0	0
17	SLD 10	-0.02	0.01	3.56	0	0	0
17	SLD 11	-0.05	-0.19	3.43	0	0	0
17	SLD 12	-0.05	-0.18	3.43	0	0	0
17	SLD 13	-0.18	-0.07	3.59	0	0	0
17	SLD 14	-0.17	-0.06	3.58	0	0	0
17	SLD 15	-0.19	-0.13	3.55	0	0	0
17	SLD 16	-0.18	-0.12	3.54	0	0	0
17	SLV 1	0.5	-0.03	3.28	0	0	0
17	SLV 2	0.52	0	3.27	0	0	0
17	SLV 3	0.48	-0.16	3.19	0	0	0
17	SLV 4	0.5	-0.13	3.18	0	0	0
17	SLV 5	0.2	0.12	3.55	0	0	0
17	SLV 6	0.21	0.14	3.55	0	0	0
17	SLV 7	0.13	-0.31	3.24	0	0	0
17	SLV 8	0.14	-0.29	3.24	0	0	0
17	SLV 9	-0.09	0.11	3.69	0	0	0
17	SLV 10	-0.08	0.13	3.69	0	0	0
17	SLV 11	-0.16	-0.32	3.38	0	0	0
17	SLV 12	-0.15	-0.3	3.38	0	0	0
17	SLV 13	-0.45	-0.05	3.75	0	0	0
17	SLV 14	-0.43	-0.02	3.74	0	0	0
17	SLV 15	-0.47	-0.18	3.66	0	0	0
17	SLV 16	-0.45	-0.15	3.65	0	0	0
18	SLU 1	0.04	-0.23	6.35	0	0	0
18	SLU 2	0.04	-0.23	6.36	0	0	0
18	SLU 3	0.04	-0.23	6.5	0	0	0
18	SLU 4	0.04	-0.23	6.5	0	0	0
18	SLU 5	0.04	-0.23	6.45	0	0	0
18	SLU 6	0.04	-0.23	6.59	0	0	0
18	SLU 7	0.04	-0.23	6.59	0	0	0
18	SLU 8	0.04	-0.23	6.53	0	0	0
18	SLU 9	0.04	-0.23	6.53	0	0	0
18	SLU 10	0.03	-0.24	7.17	0	0	0
18	SLU 11	0.03	-0.25	7.31	0	0	0
18	SLU 12	0.03	-0.24	7.31	0	0	0
18	SLU 13	0.03	-0.24	7.26	0	0	0
18	SLU 14	0.03	-0.25	7.4	0	0	0
18	SLU 15	0.03	-0.24	7.4	0	0	0
18	SLU 16	0.03	-0.24	7.34	0	0	0
18	SLU 17	0.02	-0.24	7.34	0	0	0
18	SLU 18	0.03	-0.25	7.51	0	0	0
18	SLU 19	0.03	-0.25	7.51	0	0	0
18	SLU 20	0.02	-0.25	7.6	0	0	0
18	SLU 21	0.02	-0.25	7.6	0	0	0
18	SLU 22	0.04	-0.23	7.05	0	0	0
18	SLU 23	0.04	-0.23	7.06	0	0	0
18	SLU 24	0.04	-0.23	7.2	0	0	0
18	SLU 25	0.04	-0.23	7.2	0	0	0
18	SLU 26	0.04	-0.23	7.15	0	0	0
18	SLU 27	0.04	-0.23	7.29	0	0	0
18	SLU 28	0.04	-0.23	7.29	0	0	0
18	SLU 29	0.04	-0.23	7.23	0	0	0
18	SLU 30	0.04	-0.23	7.23	0	0	0
18	SLU 31	0.03	-0.24	7.87	0	0	0
18	SLU 32	0.03	-0.24	8.01	0	0	0
18	SLU 33	0.03	-0.24	8.02	0	0	0
18	SLU 34	0.03	-0.24	7.96	0	0	0
18	SLU 35	0.03	-0.24	8.1	0	0	0
18	SLU 36	0.03	-0.24	8.1	0	0	0
18	SLU 37	0.03	-0.24	8.04	0	0	0
18	SLU 38	0.03	-0.24	8.04	0	0	0
18	SLU 39	0.03	-0.25	8.21	0	0	0
18	SLU 40	0.03	-0.24	8.21	0	0	0
18	SLU 41	0.03	-0.25	8.3	0	0	0
18	SLU 42	0.03	-0.24	8.3	0	0	0
18	SLU 43	0.05	-0.3	8.01	0	0	0
18	SLU 44	0.05	-0.3	8.02	0	0	0
18	SLU 45	0.05	-0.3	8.16	0	0	0
18	SLU 46	0.05	-0.3	8.17	0	0	0
18	SLU 47	0.05	-0.3	8.11	0	0	0
18	SLU 48	0.05	-0.3	8.25	0	0	0
18	SLU 49	0.05	-0.3	8.26	0	0	0
18	SLU 50	0.05	-0.3	8.19	0	0	0
18	SLU 51	0.05	-0.3	8.2	0	0	0
18	SLU 52	0.04	-0.31	8.83	0	0	0
18	SLU 53	0.04	-0.32	8.97	0	0	0
18	SLU 54	0.04	-0.31	8.98	0	0	0
18	SLU 55	0.04	-0.31	8.92	0	0	0
18	SLU 56	0.04	-0.32	9.06	0	0	0
18	SLU 57	0.04	-0.31	9.07	0	0	0
18	SLU 58	0.04	-0.31	9	0	0	0
18	SLU 59	0.04	-0.31	9.01	0	0	0
18	SLU 60	0.04	-0.32	9.17	0	0	0
18	SLU 61	0.04	-0.32	9.18	0	0	0
18	SLU 62	0.04	-0.32	9.26	0	0	0
18	SLU 63	0.04	-0.32	9.27	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18	SLU 64	0.06	-0.3	8.72	0	0	0
18	SLU 65	0.06	-0.3	8.72	0	0	0
18	SLU 66	0.05	-0.3	8.86	0	0	0
18	SLU 67	0.05	-0.3	8.87	0	0	0
18	SLU 68	0.05	-0.3	8.81	0	0	0
18	SLU 69	0.05	-0.3	8.95	0	0	0
18	SLU 70	0.05	-0.3	8.96	0	0	0
18	SLU 71	0.05	-0.3	8.89	0	0	0
18	SLU 72	0.05	-0.3	8.9	0	0	0
18	SLU 73	0.05	-0.31	9.53	0	0	0
18	SLU 74	0.04	-0.31	9.68	0	0	0
18	SLU 75	0.04	-0.31	9.68	0	0	0
18	SLU 76	0.04	-0.31	9.62	0	0	0
18	SLU 77	0.04	-0.31	9.76	0	0	0
18	SLU 78	0.04	-0.31	9.77	0	0	0
18	SLU 79	0.04	-0.31	9.7	0	0	0
18	SLU 80	0.04	-0.31	9.71	0	0	0
18	SLU 81	0.04	-0.32	9.87	0	0	0
18	SLU 82	0.04	-0.31	9.88	0	0	0
18	SLU 83	0.04	-0.32	9.96	0	0	0
18	SLU 84	0.04	-0.32	9.97	0	0	0
18	SLE RA 1	0.04	-0.23	6.55	0	0	0
18	SLE RA 2	0.04	-0.23	6.56	0	0	0
18	SLE RA 3	0.04	-0.23	6.65	0	0	0
18	SLE RA 4	0.04	-0.23	6.65	0	0	0
18	SLE RA 5	0.04	-0.23	6.61	0	0	0
18	SLE RA 6	0.04	-0.23	6.71	0	0	0
18	SLE RA 7	0.04	-0.23	6.71	0	0	0
18	SLE RA 8	0.04	-0.23	6.67	0	0	0
18	SLE RA 9	0.04	-0.23	6.67	0	0	0
18	SLE RA 10	0.04	-0.24	7.1	0	0	0
18	SLE RA 11	0.03	-0.24	7.19	0	0	0
18	SLE RA 12	0.03	-0.24	7.19	0	0	0
18	SLE RA 13	0.03	-0.24	7.15	0	0	0
18	SLE RA 14	0.03	-0.24	7.25	0	0	0
18	SLE RA 15	0.03	-0.24	7.25	0	0	0
18	SLE RA 16	0.03	-0.24	7.21	0	0	0
18	SLE RA 17	0.03	-0.24	7.21	0	0	0
18	SLE RA 18	0.03	-0.24	7.32	0	0	0
18	SLE RA 19	0.03	-0.24	7.33	0	0	0
18	SLE RA 20	0.03	-0.24	7.38	0	0	0
18	SLE RA 21	0.03	-0.24	7.38	0	0	0
18	SLE FR 1	0.04	-0.23	6.55	0	0	0
18	SLE FR 2	0.04	-0.23	6.55	0	0	0
18	SLE FR 3	0.04	-0.23	6.57	0	0	0
18	SLE FR 4	0.04	-0.23	6.78	0	0	0
18	SLE FR 5	0.04	-0.24	6.81	0	0	0
18	SLE FR 6	0.04	-0.24	6.94	0	0	0
18	SLE QP 1	0.04	-0.23	6.55	0	0	0
18	SLE QP 2	0.04	-0.24	6.78	0	0	0
18	SLD 1	0.45	-0.18	6.82	0	0	0
18	SLD 2	0.46	-0.18	6.83	0	0	0
18	SLD 3	0.43	-0.31	6.8	0	0	0
18	SLD 4	0.44	-0.3	6.81	0	0	0
18	SLD 5	0.19	-0.03	6.83	0	0	0
18	SLD 6	0.2	-0.03	6.83	0	0	0
18	SLD 7	0.12	-0.44	6.75	0	0	0
18	SLD 8	0.13	-0.44	6.76	0	0	0
18	SLD 9	-0.05	-0.03	6.8	0	0	0
18	SLD 10	-0.04	-0.03	6.81	0	0	0
18	SLD 11	-0.12	-0.44	6.73	0	0	0
18	SLD 12	-0.11	-0.44	6.74	0	0	0
18	SLD 13	-0.36	-0.17	6.75	0	0	0
18	SLD 14	-0.35	-0.16	6.76	0	0	0
18	SLD 15	-0.38	-0.29	6.73	0	0	0
18	SLD 16	-0.37	-0.29	6.74	0	0	0
18	SLV 1	0.99	-0.12	6.87	0	0	0
18	SLV 2	1.02	-0.11	6.9	0	0	0
18	SLV 3	0.94	-0.4	6.82	0	0	0
18	SLV 4	0.98	-0.39	6.85	0	0	0
18	SLV 5	0.39	0.22	6.88	0	0	0
18	SLV 6	0.41	0.23	6.9	0	0	0
18	SLV 7	0.24	-0.71	6.71	0	0	0
18	SLV 8	0.26	-0.7	6.73	0	0	0
18	SLV 9	-0.18	0.23	6.83	0	0	0
18	SLV 10	-0.16	0.24	6.85	0	0	0
18	SLV 11	-0.33	-0.7	6.67	0	0	0
18	SLV 12	-0.31	-0.69	6.68	0	0	0
18	SLV 13	-0.9	-0.08	6.72	0	0	0
18	SLV 14	-0.86	-0.07	6.74	0	0	0
18	SLV 15	-0.94	-0.36	6.67	0	0	0
18	SLV 16	-0.91	-0.35	6.69	0	0	0
20	SLU 1	0.08	-0.45	12.73	0	0	0
20	SLU 2	0.08	-0.44	12.75	0	0	0
20	SLU 3	0.08	-0.45	13.02	0	0	0
20	SLU 4	0.08	-0.44	13.03	0	0	0
20	SLU 5	0.08	-0.44	12.92	0	0	0
20	SLU 6	0.07	-0.45	13.2	0	0	0
20	SLU 7	0.07	-0.44	13.21	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
20	SLU 8	0.07	-0.45	13.07	0	0	0
20	SLU 9	0.07	-0.44	13.08	0	0	0
20	SLU 10	0.06	-0.46	14.35	0	0	0
20	SLU 11	0.06	-0.47	14.63	0	0	0
20	SLU 12	0.06	-0.47	14.64	0	0	0
20	SLU 13	0.06	-0.46	14.53	0	0	0
20	SLU 14	0.05	-0.47	14.8	0	0	0
20	SLU 15	0.05	-0.47	14.81	0	0	0
20	SLU 16	0.05	-0.47	14.68	0	0	0
20	SLU 17	0.05	-0.46	14.69	0	0	0
20	SLU 18	0.05	-0.48	15.02	0	0	0
20	SLU 19	0.05	-0.47	15.03	0	0	0
20	SLU 20	0.05	-0.48	15.2	0	0	0
20	SLU 21	0.05	-0.47	15.21	0	0	0
20	SLU 22	0.09	-0.44	14.13	0	0	0
20	SLU 23	0.09	-0.43	14.15	0	0	0
20	SLU 24	0.08	-0.44	14.43	0	0	0
20	SLU 25	0.08	-0.44	14.44	0	0	0
20	SLU 26	0.08	-0.43	14.32	0	0	0
20	SLU 27	0.08	-0.44	14.6	0	0	0
20	SLU 28	0.08	-0.44	14.61	0	0	0
20	SLU 29	0.08	-0.44	14.48	0	0	0
20	SLU 30	0.08	-0.44	14.49	0	0	0
20	SLU 31	0.07	-0.45	15.75	0	0	0
20	SLU 32	0.06	-0.47	16.03	0	0	0
20	SLU 33	0.06	-0.46	16.04	0	0	0
20	SLU 34	0.06	-0.45	15.93	0	0	0
20	SLU 35	0.06	-0.47	16.2	0	0	0
20	SLU 36	0.06	-0.46	16.21	0	0	0
20	SLU 37	0.05	-0.46	16.08	0	0	0
20	SLU 38	0.05	-0.46	16.09	0	0	0
20	SLU 39	0.06	-0.47	16.43	0	0	0
20	SLU 40	0.06	-0.47	16.44	0	0	0
20	SLU 41	0.05	-0.47	16.6	0	0	0
20	SLU 42	0.05	-0.47	16.61	0	0	0
20	SLU 43	0.11	-0.58	16.07	0	0	0
20	SLU 44	0.11	-0.57	16.08	0	0	0
20	SLU 45	0.1	-0.58	16.36	0	0	0
20	SLU 46	0.1	-0.58	16.37	0	0	0
20	SLU 47	0.1	-0.57	16.26	0	0	0
20	SLU 48	0.1	-0.58	16.54	0	0	0
20	SLU 49	0.1	-0.58	16.55	0	0	0
20	SLU 50	0.1	-0.58	16.41	0	0	0
20	SLU 51	0.1	-0.58	16.42	0	0	0
20	SLU 52	0.09	-0.59	17.69	0	0	0
20	SLU 53	0.08	-0.61	17.97	0	0	0
20	SLU 54	0.08	-0.6	17.98	0	0	0
20	SLU 55	0.08	-0.59	17.86	0	0	0
20	SLU 56	0.08	-0.61	18.14	0	0	0
20	SLU 57	0.08	-0.6	18.15	0	0	0
20	SLU 58	0.07	-0.6	18.02	0	0	0
20	SLU 59	0.07	-0.6	18.03	0	0	0
20	SLU 60	0.08	-0.61	18.36	0	0	0
20	SLU 61	0.08	-0.61	18.37	0	0	0
20	SLU 62	0.07	-0.61	18.53	0	0	0
20	SLU 63	0.07	-0.61	18.54	0	0	0
20	SLU 64	0.11	-0.58	17.47	0	0	0
20	SLU 65	0.11	-0.57	17.49	0	0	0
20	SLU 66	0.11	-0.58	17.76	0	0	0
20	SLU 67	0.11	-0.57	17.77	0	0	0
20	SLU 68	0.11	-0.57	17.66	0	0	0
20	SLU 69	0.1	-0.58	17.94	0	0	0
20	SLU 70	0.1	-0.57	17.95	0	0	0
20	SLU 71	0.1	-0.58	17.81	0	0	0
20	SLU 72	0.1	-0.57	17.83	0	0	0
20	SLU 73	0.09	-0.59	19.09	0	0	0
20	SLU 74	0.09	-0.6	19.37	0	0	0
20	SLU 75	0.09	-0.6	19.38	0	0	0
20	SLU 76	0.08	-0.59	19.27	0	0	0
20	SLU 77	0.08	-0.6	19.54	0	0	0
20	SLU 78	0.08	-0.6	19.55	0	0	0
20	SLU 79	0.08	-0.6	19.42	0	0	0
20	SLU 80	0.08	-0.59	19.43	0	0	0
20	SLU 81	0.08	-0.61	19.76	0	0	0
20	SLU 82	0.08	-0.6	19.77	0	0	0
20	SLU 83	0.08	-0.61	19.94	0	0	0
20	SLU 84	0.08	-0.6	19.95	0	0	0
20	SLE RA 1	0.09	-0.45	13.13	0	0	0
20	SLE RA 2	0.09	-0.44	13.14	0	0	0
20	SLE RA 3	0.08	-0.45	13.33	0	0	0
20	SLE RA 4	0.08	-0.44	13.33	0	0	0
20	SLE RA 5	0.08	-0.44	13.26	0	0	0
20	SLE RA 6	0.08	-0.45	13.44	0	0	0
20	SLE RA 7	0.08	-0.44	13.45	0	0	0
20	SLE RA 8	0.08	-0.45	13.36	0	0	0
20	SLE RA 9	0.08	-0.44	13.37	0	0	0
20	SLE RA 10	0.07	-0.45	14.21	0	0	0
20	SLE RA 11	0.07	-0.46	14.4	0	0	0
20	SLE RA 12	0.07	-0.46	14.4	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
20	SLE RA 13	0.07	-0.45	14.33	0	0	0
20	SLE RA 14	0.06	-0.46	14.51	0	0	0
20	SLE RA 15	0.06	-0.46	14.52	0	0	0
20	SLE RA 16	0.06	-0.46	14.43	0	0	0
20	SLE RA 17	0.06	-0.46	14.44	0	0	0
20	SLE RA 18	0.07	-0.47	14.66	0	0	0
20	SLE RA 19	0.07	-0.46	14.67	0	0	0
20	SLE RA 20	0.06	-0.47	14.77	0	0	0
20	SLE RA 21	0.06	-0.46	14.78	0	0	0
20	SLE FR 1	0.09	-0.45	13.13	0	0	0
20	SLE FR 2	0.09	-0.44	13.13	0	0	0
20	SLE FR 3	0.08	-0.45	13.18	0	0	0
20	SLE FR 4	0.08	-0.45	13.59	0	0	0
20	SLE FR 5	0.08	-0.45	13.64	0	0	0
20	SLE FR 6	0.08	-0.46	13.89	0	0	0
20	SLE QP 1	0.09	-0.45	13.13	0	0	0
20	SLE QP 2	0.08	-0.45	13.59	0	0	0
20	SLD 1	0.89	-0.35	13.55	0	0	0
20	SLD 2	0.92	-0.34	13.56	0	0	0
20	SLD 3	0.85	-0.6	13.5	0	0	0
20	SLD 4	0.88	-0.58	13.51	0	0	0
20	SLD 5	0.38	-0.06	13.64	0	0	0
20	SLD 6	0.4	-0.05	13.65	0	0	0
20	SLD 7	0.25	-0.87	13.49	0	0	0
20	SLD 8	0.27	-0.86	13.5	0	0	0
20	SLD 9	-0.11	-0.05	13.68	0	0	0
20	SLD 10	-0.09	-0.04	13.69	0	0	0
20	SLD 11	-0.24	-0.86	13.52	0	0	0
20	SLD 12	-0.22	-0.85	13.53	0	0	0
20	SLD 13	-0.72	-0.32	13.66	0	0	0
20	SLD 14	-0.69	-0.31	13.68	0	0	0
20	SLD 15	-0.76	-0.56	13.62	0	0	0
20	SLD 16	-0.73	-0.55	13.63	0	0	0
20	SLV 1	1.98	-0.23	13.49	0	0	0
20	SLV 2	2.05	-0.2	13.52	0	0	0
20	SLV 3	1.89	-0.78	13.38	0	0	0
20	SLV 4	1.96	-0.75	13.41	0	0	0
20	SLV 5	0.77	0.45	13.72	0	0	0
20	SLV 6	0.82	0.47	13.74	0	0	0
20	SLV 7	0.48	-1.39	13.36	0	0	0
20	SLV 8	0.52	-1.37	13.38	0	0	0
20	SLV 9	-0.36	0.47	13.8	0	0	0
20	SLV 10	-0.32	0.49	13.82	0	0	0
20	SLV 11	-0.66	-1.37	13.44	0	0	0
20	SLV 12	-0.61	-1.35	13.46	0	0	0
20	SLV 13	-1.8	-0.15	13.76	0	0	0
20	SLV 14	-1.73	-0.12	13.8	0	0	0
20	SLV 15	-1.89	-0.71	13.66	0	0	0
20	SLV 16	-1.82	-0.67	13.69	0	0	0
21	SLU 1	0.09	-0.44	13.11	0	-2.458	-0.0828
21	SLU 2	0.09	-0.43	13.13	0	-2.4613	-0.0809
21	SLU 3	0.08	-0.44	13.41	0	-2.514	-0.0832
21	SLU 4	0.08	-0.44	13.42	0	-2.516	-0.0821
21	SLU 5	0.08	-0.43	13.3	0	-2.4938	-0.0809
21	SLU 6	0.08	-0.44	13.58	0	-2.5465	-0.0832
21	SLU 7	0.07	-0.44	13.59	0	-2.5485	-0.0821
21	SLU 8	0.07	-0.44	13.46	0	-2.5229	-0.0828
21	SLU 9	0.07	-0.44	13.47	0	-2.5249	-0.0817
21	SLU 10	0.06	-0.45	14.76	0	-2.7676	-0.0847
21	SLU 11	0.06	-0.46	15.04	0	-2.8203	-0.087
21	SLU 12	0.06	-0.46	15.05	0	-2.8223	-0.0859
21	SLU 13	0.06	-0.45	14.93	0	-2.8001	-0.0847
21	SLU 14	0.05	-0.46	15.21	0	-2.8528	-0.087
21	SLU 15	0.05	-0.46	15.23	0	-2.8548	-0.0859
21	SLU 16	0.05	-0.46	15.09	0	-2.8292	-0.0865
21	SLU 17	0.05	-0.46	15.1	0	-2.8312	-0.0854
21	SLU 18	0.06	-0.47	15.44	0	-2.8955	-0.0881
21	SLU 19	0.06	-0.46	15.45	0	-2.8975	-0.0871
21	SLU 20	0.05	-0.47	15.62	0	-2.928	-0.0881
21	SLU 21	0.05	-0.46	15.63	0	-2.93	-0.0871
21	SLU 22	0.09	-0.43	14.55	0	-2.7279	-0.0816
21	SLU 23	0.09	-0.43	14.57	0	-2.7312	-0.0797
21	SLU 24	0.09	-0.44	14.85	0	-2.7839	-0.082
21	SLU 25	0.09	-0.43	14.86	0	-2.7859	-0.0809
21	SLU 26	0.08	-0.43	14.74	0	-2.7637	-0.0798
21	SLU 27	0.08	-0.44	15.02	0	-2.8164	-0.082
21	SLU 28	0.08	-0.43	15.03	0	-2.8184	-0.0809
21	SLU 29	0.08	-0.44	14.89	0	-2.7928	-0.0816
21	SLU 30	0.08	-0.43	14.91	0	-2.7948	-0.0805
21	SLU 31	0.07	-0.45	16.2	0	-3.0375	-0.0835
21	SLU 32	0.06	-0.46	16.48	0	-3.0902	-0.0858
21	SLU 33	0.06	-0.45	16.49	0	-3.0922	-0.0847
21	SLU 34	0.06	-0.45	16.37	0	-3.0699	-0.0835
21	SLU 35	0.06	-0.46	16.65	0	-3.1227	-0.0858
21	SLU 36	0.06	-0.45	16.66	0	-3.1247	-0.0847
21	SLU 37	0.06	-0.46	16.53	0	-3.0991	-0.0853
21	SLU 38	0.06	-0.45	16.54	0	-3.1011	-0.0843
21	SLU 39	0.06	-0.46	16.88	0	-3.1654	-0.0869
21	SLU 40	0.06	-0.46	16.89	0	-3.1674	-0.0859



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
21	SLU 41	0.05	-0.46	17.06	0	-3.1979	-0.087
21	SLU 42	0.05	-0.46	17.07	0	-3.1999	-0.0859
21	SLU 43	0.11	-0.58	16.55	0	-3.1028	-0.108
21	SLU 44	0.11	-0.57	16.57	0	-3.1062	-0.1062
21	SLU 45	0.11	-0.58	16.85	0	-3.1589	-0.1084
21	SLU 46	0.11	-0.57	16.86	0	-3.1609	-0.1073
21	SLU 47	0.1	-0.57	16.74	0	-3.1386	-0.1062
21	SLU 48	0.1	-0.58	17.02	0	-3.1914	-0.1084
21	SLU 49	0.1	-0.57	17.03	0	-3.1934	-0.1074
21	SLU 50	0.1	-0.58	16.89	0	-3.1677	-0.108
21	SLU 51	0.1	-0.57	16.91	0	-3.1697	-0.1069
21	SLU 52	0.09	-0.59	18.2	0	-3.4125	-0.1099
21	SLU 53	0.08	-0.6	18.48	0	-3.4652	-0.1122
21	SLU 54	0.08	-0.59	18.49	0	-3.4672	-0.1111
21	SLU 55	0.08	-0.59	18.37	0	-3.4449	-0.11
21	SLU 56	0.08	-0.6	18.65	0	-3.4976	-0.1122
21	SLU 57	0.08	-0.59	18.66	0	-3.4997	-0.1111
21	SLU 58	0.08	-0.6	18.53	0	-3.474	-0.1118
21	SLU 59	0.08	-0.59	18.54	0	-3.476	-0.1107
21	SLU 60	0.08	-0.6	18.88	0	-3.5404	-0.1134
21	SLU 61	0.08	-0.6	18.89	0	-3.5424	-0.1123
21	SLU 62	0.07	-0.6	19.06	0	-3.5728	-0.1134
21	SLU 63	0.07	-0.6	19.07	0	-3.5748	-0.1123
21	SLU 64	0.12	-0.57	17.99	0	-3.3727	-0.1068
21	SLU 65	0.12	-0.56	18.01	0	-3.3761	-0.105
21	SLU 66	0.11	-0.57	18.29	0	-3.4288	-0.1072
21	SLU 67	0.11	-0.57	18.3	0	-3.4308	-0.1062
21	SLU 68	0.11	-0.56	18.18	0	-3.4085	-0.105
21	SLU 69	0.1	-0.57	18.46	0	-3.4612	-0.1072
21	SLU 70	0.1	-0.57	18.47	0	-3.4632	-0.1062
21	SLU 71	0.1	-0.57	18.33	0	-3.4376	-0.1068
21	SLU 72	0.1	-0.56	18.34	0	-3.4396	-0.1057
21	SLU 73	0.09	-0.58	19.64	0	-3.6823	-0.1088
21	SLU 74	0.09	-0.59	19.92	0	-3.7351	-0.111
21	SLU 75	0.09	-0.59	19.93	0	-3.7371	-0.1099
21	SLU 76	0.09	-0.58	19.81	0	-3.7148	-0.1088
21	SLU 77	0.08	-0.59	20.09	0	-3.7675	-0.111
21	SLU 78	0.08	-0.59	20.1	0	-3.7695	-0.1099
21	SLU 79	0.08	-0.59	19.97	0	-3.7439	-0.1106
21	SLU 80	0.08	-0.58	19.98	0	-3.7459	-0.1095
21	SLU 81	0.08	-0.6	20.32	0	-3.8103	-0.1122
21	SLU 82	0.08	-0.59	20.33	0	-3.8123	-0.1111
21	SLU 83	0.08	-0.6	20.49	0	-3.8427	-0.1122
21	SLU 84	0.08	-0.59	20.51	0	-3.8447	-0.1111
21	SLE RA 1	0.09	-0.44	13.52	0	-2.5351	-0.0824
21	SLE RA 2	0.09	-0.43	13.53	0	-2.5373	-0.0812
21	SLE RA 3	0.09	-0.44	13.72	0	-2.5725	-0.0827
21	SLE RA 4	0.08	-0.44	13.73	0	-2.5738	-0.082
21	SLE RA 5	0.08	-0.43	13.65	0	-2.5589	-0.0812
21	SLE RA 6	0.08	-0.44	13.84	0	-2.5941	-0.0827
21	SLE RA 7	0.08	-0.44	13.84	0	-2.5954	-0.082
21	SLE RA 8	0.08	-0.44	13.75	0	-2.5784	-0.0824
21	SLE RA 9	0.08	-0.44	13.76	0	-2.5797	-0.0817
21	SLE RA 10	0.07	-0.45	14.62	0	-2.7415	-0.0837
21	SLE RA 11	0.07	-0.45	14.81	0	-2.7767	-0.0852
21	SLE RA 12	0.07	-0.45	14.82	0	-2.778	-0.0845
21	SLE RA 13	0.07	-0.45	14.74	0	-2.7631	-0.0837
21	SLE RA 14	0.07	-0.45	14.92	0	-2.7983	-0.0852
21	SLE RA 15	0.07	-0.45	14.93	0	-2.7996	-0.0845
21	SLE RA 16	0.06	-0.45	14.84	0	-2.7826	-0.0849
21	SLE RA 17	0.06	-0.45	14.85	0	-2.7839	-0.0842
21	SLE RA 18	0.07	-0.46	15.08	0	-2.8268	-0.086
21	SLE RA 19	0.07	-0.45	15.08	0	-2.8281	-0.0853
21	SLE RA 20	0.06	-0.46	15.19	0	-2.8484	-0.086
21	SLE RA 21	0.06	-0.45	15.2	0	-2.8498	-0.0853
21	SLE FR 1	0.09	-0.44	13.52	0	-2.5351	-0.0824
21	SLE FR 2	0.09	-0.44	13.52	0	-2.5355	-0.0822
21	SLE FR 3	0.09	-0.44	13.57	0	-2.5437	-0.0824
21	SLE FR 4	0.08	-0.44	13.99	0	-2.623	-0.0833
21	SLE FR 5	0.08	-0.45	14.03	0	-2.6312	-0.0835
21	SLE FR 6	0.08	-0.45	14.3	0	-2.6809	-0.0842
21	SLE QP 1	0.09	-0.44	13.52	0	-2.5351	-0.0824
21	SLE QP 2	0.08	-0.45	13.99	0	-2.6226	-0.0835
21	SLD 1	0.92	-0.35	13.89	0	-2.6051	-0.0654
21	SLD 2	0.95	-0.33	13.9	0	-2.607	-0.0613
21	SLD 3	0.88	-0.6	13.84	0	-2.5944	-0.1118
21	SLD 4	0.91	-0.57	13.85	0	-2.5963	-0.1077
21	SLD 5	0.39	-0.05	14.04	0	-2.6332	-0.0085
21	SLD 6	0.41	-0.03	14.05	0	-2.6345	-0.0058
21	SLD 7	0.25	-0.87	13.85	0	-2.5976	-0.1631
21	SLD 8	0.27	-0.86	13.86	0	-2.5988	-0.1604
21	SLD 9	-0.11	-0.04	14.11	0	-2.6464	-0.0066
21	SLD 10	-0.09	-0.02	14.12	0	-2.6476	-0.0039
21	SLD 11	-0.24	-0.86	13.92	0	-2.6107	-0.1612
21	SLD 12	-0.22	-0.85	13.93	0	-2.6119	-0.1585
21	SLD 13	-0.75	-0.32	14.13	0	-2.6489	-0.0593
21	SLD 14	-0.71	-0.29	14.14	0	-2.6508	-0.0552
21	SLD 15	-0.79	-0.56	14.07	0	-2.6382	-0.1057
21	SLD 16	-0.75	-0.54	14.08	0	-2.6401	-0.1015



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
21	SLV 1	2.04	-0.23	13.77	0	-2.5813	-0.0429
21	SLV 2	2.11	-0.18	13.79	0	-2.5857	-0.0333
21	SLV 3	1.95	-0.79	13.64	0	-2.5569	-0.148
21	SLV 4	2.02	-0.74	13.66	0	-2.5613	-0.1385
21	SLV 5	0.8	0.46	14.11	0	-2.6464	0.0866
21	SLV 6	0.84	0.49	14.13	0	-2.6493	0.0927
21	SLV 7	0.49	-1.41	13.68	0	-2.5652	-0.264
21	SLV 8	0.54	-1.38	13.7	0	-2.568	-0.2578
21	SLV 9	-0.37	0.48	14.28	0	-2.6772	0.0908
21	SLV 10	-0.33	0.52	14.29	0	-2.68	0.097
21	SLV 11	-0.68	-1.39	13.84	0	-2.5959	-0.2597
21	SLV 12	-0.63	-1.35	13.86	0	-2.5987	-0.2535
21	SLV 13	-1.85	-0.15	14.31	0	-2.6839	-0.0285
21	SLV 14	-1.78	-0.1	14.34	0	-2.6882	-0.019
21	SLV 15	-1.95	-0.71	14.18	0	-2.6595	-0.1337
21	SLV 16	-1.87	-0.66	14.21	0	-2.6639	-0.1241
21	CRTFP Ux+	0	0	0	0	0	0
21	CRTFP Ux-	0	0	0	0	0	0
21	CRTFP Uy+	0	0	0	0	0	0
21	CRTFP Uy-	0	0	0	0	0	0
23	SLU 1	0.09	-0.43	13.49	0	-1.6859	-0.0543
23	SLU 2	0.09	-0.42	13.51	0	-1.6883	-0.0531
23	SLU 3	0.08	-0.44	13.79	0	-1.7238	-0.0546
23	SLU 4	0.08	-0.43	13.8	0	-1.7253	-0.0538
23	SLU 5	0.08	-0.42	13.68	0	-1.71	-0.0531
23	SLU 6	0.08	-0.44	13.96	0	-1.7455	-0.0546
23	SLU 7	0.08	-0.43	13.98	0	-1.7469	-0.0538
23	SLU 8	0.07	-0.43	13.83	0	-1.7293	-0.0543
23	SLU 9	0.07	-0.43	13.85	0	-1.7307	-0.0535
23	SLU 10	0.07	-0.44	15.17	0	-1.8957	-0.0554
23	SLU 11	0.06	-0.45	15.45	0	-1.9313	-0.0569
23	SLU 12	0.06	-0.45	15.46	0	-1.9327	-0.0561
23	SLU 13	0.06	-0.44	15.34	0	-1.9174	-0.0553
23	SLU 14	0.05	-0.45	15.62	0	-1.9529	-0.0568
23	SLU 15	0.05	-0.45	15.63	0	-1.9543	-0.0561
23	SLU 16	0.05	-0.45	15.49	0	-1.9367	-0.0566
23	SLU 17	0.05	-0.45	15.5	0	-1.9381	-0.0558
23	SLU 18	0.06	-0.46	15.86	0	-1.9823	-0.0576
23	SLU 19	0.06	-0.45	15.87	0	-1.9837	-0.0568
23	SLU 20	0.05	-0.46	16.03	0	-2.0039	-0.0576
23	SLU 21	0.05	-0.45	16.04	0	-2.0053	-0.0568
23	SLU 22	0.09	-0.43	14.96	0	-1.8705	-0.0533
23	SLU 23	0.09	-0.42	14.98	0	-1.8729	-0.0521
23	SLU 24	0.09	-0.43	15.27	0	-1.9084	-0.0536
23	SLU 25	0.09	-0.42	15.28	0	-1.9098	-0.0528
23	SLU 26	0.09	-0.42	15.16	0	-1.8945	-0.052
23	SLU 27	0.08	-0.43	15.44	0	-1.93	-0.0535
23	SLU 28	0.08	-0.42	15.45	0	-1.9315	-0.0528
23	SLU 29	0.08	-0.43	15.31	0	-1.9138	-0.0532
23	SLU 30	0.08	-0.42	15.32	0	-1.9152	-0.0525
23	SLU 31	0.07	-0.43	16.64	0	-2.0803	-0.0544
23	SLU 32	0.07	-0.45	16.93	0	-2.1158	-0.0558
23	SLU 33	0.07	-0.44	16.94	0	-2.1172	-0.0551
23	SLU 34	0.06	-0.43	16.82	0	-2.1019	-0.0543
23	SLU 35	0.06	-0.45	17.1	0	-2.1375	-0.0558
23	SLU 36	0.06	-0.44	17.11	0	-2.1389	-0.0551
23	SLU 37	0.06	-0.44	16.97	0	-2.1212	-0.0555
23	SLU 38	0.06	-0.44	16.98	0	-2.1226	-0.0548
23	SLU 39	0.06	-0.45	17.33	0	-2.1668	-0.0566
23	SLU 40	0.06	-0.45	17.35	0	-2.1682	-0.0558
23	SLU 41	0.05	-0.45	17.51	0	-2.1885	-0.0565
23	SLU 42	0.05	-0.45	17.52	0	-2.1899	-0.0558
23	SLU 43	0.11	-0.57	17.03	0	-2.1284	-0.071
23	SLU 44	0.11	-0.56	17.05	0	-2.1308	-0.0697
23	SLU 45	0.11	-0.57	17.33	0	-2.1664	-0.0712
23	SLU 46	0.11	-0.56	17.34	0	-2.1678	-0.0705
23	SLU 47	0.11	-0.56	17.22	0	-2.1525	-0.0697
23	SLU 48	0.1	-0.57	17.5	0	-2.188	-0.0712
23	SLU 49	0.1	-0.56	17.52	0	-2.1894	-0.0705
23	SLU 50	0.1	-0.57	17.37	0	-2.1718	-0.0709
23	SLU 51	0.1	-0.56	17.39	0	-2.1732	-0.0702
23	SLU 52	0.09	-0.58	18.71	0	-2.3382	-0.072
23	SLU 53	0.09	-0.59	18.99	0	-2.3738	-0.0735
23	SLU 54	0.09	-0.58	19	0	-2.3752	-0.0728
23	SLU 55	0.08	-0.58	18.88	0	-2.3599	-0.072
23	SLU 56	0.08	-0.59	19.16	0	-2.3954	-0.0735
23	SLU 57	0.08	-0.58	19.17	0	-2.3968	-0.0727
23	SLU 58	0.08	-0.59	19.03	0	-2.3792	-0.0732
23	SLU 59	0.08	-0.58	19.04	0	-2.3806	-0.0725
23	SLU 60	0.08	-0.59	19.4	0	-2.4248	-0.0742
23	SLU 61	0.08	-0.59	19.41	0	-2.4262	-0.0735
23	SLU 62	0.07	-0.59	19.57	0	-2.4464	-0.0742
23	SLU 63	0.07	-0.59	19.58	0	-2.4478	-0.0735
23	SLU 64	0.12	-0.56	18.5	0	-2.313	-0.0699
23	SLU 65	0.12	-0.55	18.52	0	-2.3154	-0.0687
23	SLU 66	0.11	-0.56	18.81	0	-2.3509	-0.0702
23	SLU 67	0.11	-0.56	18.82	0	-2.3523	-0.0695
23	SLU 68	0.11	-0.55	18.7	0	-2.337	-0.0687
23	SLU 69	0.11	-0.56	18.98	0	-2.3726	-0.0702



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
23	SLU 70	0.11	-0.56	18.99	0	-2.374	-0.0694
23	SLU 71	0.1	-0.56	18.85	0	-2.3563	-0.0699
23	SLU 72	0.1	-0.55	18.86	0	-2.3577	-0.0691
23	SLU 73	0.1	-0.57	20.18	0	-2.5228	-0.071
23	SLU 74	0.09	-0.58	20.47	0	-2.5583	-0.0725
23	SLU 75	0.09	-0.57	20.48	0	-2.5597	-0.0718
23	SLU 76	0.09	-0.57	20.36	0	-2.5444	-0.071
23	SLU 77	0.08	-0.58	20.64	0	-2.58	-0.0725
23	SLU 78	0.08	-0.57	20.65	0	-2.5814	-0.0717
23	SLU 79	0.08	-0.58	20.51	0	-2.5637	-0.0722
23	SLU 80	0.08	-0.57	20.52	0	-2.5651	-0.0714
23	SLU 81	0.09	-0.59	20.87	0	-2.6093	-0.0732
23	SLU 82	0.09	-0.58	20.89	0	-2.6107	-0.0725
23	SLU 83	0.08	-0.59	21.05	0	-2.631	-0.0732
23	SLU 84	0.08	-0.58	21.06	0	-2.6324	-0.0724
23	SLE RA 1	0.09	-0.43	13.91	0	-1.7387	-0.054
23	SLE RA 2	0.09	-0.43	13.92	0	-1.7402	-0.0532
23	SLE RA 3	0.09	-0.43	14.11	0	-1.7639	-0.0542
23	SLE RA 4	0.09	-0.43	14.12	0	-1.7649	-0.0537
23	SLE RA 5	0.09	-0.43	14.04	0	-1.7547	-0.0532
23	SLE RA 6	0.08	-0.43	14.23	0	-1.7784	-0.0542
23	SLE RA 7	0.08	-0.43	14.23	0	-1.7793	-0.0537
23	SLE RA 8	0.08	-0.43	14.14	0	-1.7675	-0.054
23	SLE RA 9	0.08	-0.43	14.15	0	-1.7685	-0.0535
23	SLE RA 10	0.08	-0.44	15.03	0	-1.8785	-0.0547
23	SLE RA 11	0.07	-0.45	15.22	0	-1.9022	-0.0557
23	SLE RA 12	0.07	-0.44	15.23	0	-1.9032	-0.0552
23	SLE RA 13	0.07	-0.44	15.14	0	-1.893	-0.0547
23	SLE RA 14	0.07	-0.45	15.33	0	-1.9167	-0.0557
23	SLE RA 15	0.07	-0.44	15.34	0	-1.9176	-0.0552
23	SLE RA 16	0.07	-0.44	15.25	0	-1.9058	-0.0555
23	SLE RA 17	0.07	-0.44	15.25	0	-1.9068	-0.055
23	SLE RA 18	0.07	-0.45	15.49	0	-1.9362	-0.0562
23	SLE RA 19	0.07	-0.45	15.5	0	-1.9372	-0.0557
23	SLE RA 20	0.06	-0.45	15.61	0	-1.9506	-0.0562
23	SLE RA 21	0.06	-0.45	15.61	0	-1.9516	-0.0557
23	SLE FR 1	0.09	-0.43	13.91	0	-1.7387	-0.054
23	SLE FR 2	0.09	-0.43	13.91	0	-1.739	-0.0539
23	SLE FR 3	0.09	-0.43	13.96	0	-1.7444	-0.054
23	SLE FR 4	0.08	-0.44	14.39	0	-1.7982	-0.0545
23	SLE FR 5	0.08	-0.44	14.43	0	-1.8037	-0.0547
23	SLE FR 6	0.08	-0.44	14.7	0	-1.8374	-0.0551
23	SLE QP 1	0.09	-0.43	13.91	0	-1.7387	-0.054
23	SLE QP 2	0.08	-0.44	14.38	0	-1.7979	-0.0547
23	SLD 1	0.94	-0.34	14.23	0	-1.7783	-0.0429
23	SLD 2	0.98	-0.31	14.23	0	-1.7789	-0.0393
23	SLD 3	0.9	-0.59	14.16	0	-1.7694	-0.0743
23	SLD 4	0.93	-0.57	14.16	0	-1.7699	-0.0707
23	SLD 5	0.4	-0.03	14.44	0	-1.8055	-0.0042
23	SLD 6	0.42	-0.01	14.45	0	-1.8059	-0.0018
23	SLD 7	0.26	-0.87	14.21	0	-1.7757	-0.1088
23	SLD 8	0.28	-0.85	14.21	0	-1.7761	-0.1064
23	SLD 9	-0.11	-0.02	14.56	0	-1.8198	-0.0029
23	SLD 10	-0.09	0	14.56	0	-1.8201	-0.0005
23	SLD 11	-0.25	-0.86	14.32	0	-1.79	-0.1075
23	SLD 12	-0.23	-0.84	14.32	0	-1.7904	-0.1052
23	SLD 13	-0.77	-0.31	14.61	0	-1.8259	-0.0387
23	SLD 14	-0.73	-0.28	14.61	0	-1.8265	-0.035
23	SLD 15	-0.81	-0.56	14.54	0	-1.817	-0.0701
23	SLD 16	-0.78	-0.53	14.54	0	-1.8176	-0.0664
23	SLV 1	2.1	-0.23	14.01	0	-1.7517	-0.0283
23	SLV 2	2.17	-0.16	14.02	0	-1.753	-0.0198
23	SLV 3	2	-0.8	13.85	0	-1.7314	-0.0994
23	SLV 4	2.08	-0.73	13.86	0	-1.7327	-0.091
23	SLV 5	0.82	0.48	14.52	0	-1.8146	0.0597
23	SLV 6	0.87	0.52	14.52	0	-1.8154	0.0652
23	SLV 7	0.5	-1.42	13.98	0	-1.747	-0.1775
23	SLV 8	0.55	-1.38	13.98	0	-1.7479	-0.1721
23	SLV 9	-0.38	0.5	14.78	0	-1.848	0.0627
23	SLV 10	-0.33	0.55	14.79	0	-1.8489	0.0682
23	SLV 11	-0.7	-1.4	14.24	0	-1.7804	-0.1746
23	SLV 12	-0.65	-1.35	14.25	0	-1.7813	-0.1691
23	SLV 13	-1.91	-0.15	14.91	0	-1.8631	-0.0184
23	SLV 14	-1.83	-0.08	14.92	0	-1.8645	-0.0099
23	SLV 15	-2	-0.72	14.74	0	-1.8429	-0.0896
23	SLV 16	-1.93	-0.65	14.75	0	-1.8442	-0.0811
23	CRTFP Ux+	0	0	0	0	0	0
23	CRTFP Ux-	0	0	0	0	0	0
25	SLU 1	0.08	-0.37	11.99	0	-0.7494	-0.023
25	SLU 2	0.08	-0.36	12.01	0	-0.7504	-0.0225
25	SLU 3	0.07	-0.37	12.26	0	-0.766	-0.0231
25	SLU 4	0.07	-0.37	12.27	0	-0.7666	-0.0228
25	SLU 5	0.07	-0.36	12.16	0	-0.7598	-0.0225
25	SLU 6	0.07	-0.37	12.41	0	-0.7753	-0.0231
25	SLU 7	0.07	-0.36	12.42	0	-0.776	-0.0228
25	SLU 8	0.07	-0.37	12.29	0	-0.7681	-0.023
25	SLU 9	0.07	-0.36	12.3	0	-0.7687	-0.0227
25	SLU 10	0.06	-0.37	13.46	0	-0.8415	-0.0234
25	SLU 11	0.05	-0.38	13.71	0	-0.857	-0.024



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
25	SLU 12	0.05	-0.38	13.72	0	-0.8576	-0.0237
25	SLU 13	0.05	-0.37	13.61	0	-0.8508	-0.0234
25	SLU 14	0.05	-0.38	13.86	0	-0.8663	-0.024
25	SLU 15	0.05	-0.38	13.87	0	-0.867	-0.0237
25	SLU 16	0.05	-0.38	13.75	0	-0.8591	-0.0239
25	SLU 17	0.05	-0.38	13.76	0	-0.8597	-0.0236
25	SLU 18	0.05	-0.39	14.07	0	-0.8794	-0.0243
25	SLU 19	0.05	-0.38	14.08	0	-0.88	-0.024
25	SLU 20	0.04	-0.39	14.22	0	-0.8887	-0.0243
25	SLU 21	0.04	-0.38	14.23	0	-0.8894	-0.024
25	SLU 22	0.08	-0.36	13.3	0	-0.8311	-0.0225
25	SLU 23	0.08	-0.35	13.32	0	-0.8322	-0.022
25	SLU 24	0.08	-0.36	13.56	0	-0.8477	-0.0226
25	SLU 25	0.08	-0.36	13.57	0	-0.8484	-0.0223
25	SLU 26	0.08	-0.35	13.47	0	-0.8416	-0.0219
25	SLU 27	0.07	-0.36	13.71	0	-0.8571	-0.0226
25	SLU 28	0.07	-0.36	13.72	0	-0.8577	-0.0223
25	SLU 29	0.07	-0.36	13.6	0	-0.8499	-0.0225
25	SLU 30	0.07	-0.35	13.61	0	-0.8505	-0.0221
25	SLU 31	0.06	-0.37	14.77	0	-0.9232	-0.0228
25	SLU 32	0.06	-0.38	15.02	0	-0.9387	-0.0235
25	SLU 33	0.06	-0.37	15.03	0	-0.9394	-0.0232
25	SLU 34	0.06	-0.37	14.92	0	-0.9326	-0.0228
25	SLU 35	0.05	-0.38	15.17	0	-0.9481	-0.0235
25	SLU 36	0.05	-0.37	15.18	0	-0.9488	-0.0231
25	SLU 37	0.05	-0.37	15.05	0	-0.9409	-0.0233
25	SLU 38	0.05	-0.37	15.06	0	-0.9415	-0.023
25	SLU 39	0.05	-0.38	15.38	0	-0.9611	-0.0238
25	SLU 40	0.05	-0.38	15.39	0	-0.9618	-0.0234
25	SLU 41	0.05	-0.38	15.53	0	-0.9705	-0.0237
25	SLU 42	0.05	-0.37	15.54	0	-0.9712	-0.0234
25	SLU 43	0.1	-0.48	15.14	0	-0.9461	-0.0301
25	SLU 44	0.1	-0.47	15.16	0	-0.9472	-0.0296
25	SLU 45	0.1	-0.48	15.4	0	-0.9627	-0.0302
25	SLU 46	0.1	-0.48	15.41	0	-0.9634	-0.0299
25	SLU 47	0.09	-0.47	15.31	0	-0.9566	-0.0296
25	SLU 48	0.09	-0.48	15.55	0	-0.9721	-0.0302
25	SLU 49	0.09	-0.48	15.56	0	-0.9727	-0.0299
25	SLU 50	0.09	-0.48	15.44	0	-0.9649	-0.0301
25	SLU 51	0.09	-0.48	15.45	0	-0.9655	-0.0298
25	SLU 52	0.08	-0.49	16.61	0	-1.0382	-0.0305
25	SLU 53	0.08	-0.5	16.86	0	-1.0537	-0.0311
25	SLU 54	0.08	-0.49	16.87	0	-1.0544	-0.0308
25	SLU 55	0.07	-0.49	16.76	0	-1.0476	-0.0305
25	SLU 56	0.07	-0.5	17.01	0	-1.0631	-0.0311
25	SLU 57	0.07	-0.49	17.02	0	-1.0638	-0.0308
25	SLU 58	0.07	-0.5	16.89	0	-1.0559	-0.031
25	SLU 59	0.07	-0.49	16.9	0	-1.0565	-0.0307
25	SLU 60	0.07	-0.5	17.22	0	-1.0761	-0.0314
25	SLU 61	0.07	-0.5	17.23	0	-1.0768	-0.0311
25	SLU 62	0.07	-0.5	17.37	0	-1.0855	-0.0314
25	SLU 63	0.07	-0.5	17.38	0	-1.0862	-0.0311
25	SLU 64	0.1	-0.47	16.45	0	-1.0279	-0.0296
25	SLU 65	0.1	-0.46	16.46	0	-1.029	-0.0291
25	SLU 66	0.1	-0.48	16.71	0	-1.0445	-0.0297
25	SLU 67	0.1	-0.47	16.72	0	-1.0452	-0.0294
25	SLU 68	0.1	-0.46	16.61	0	-1.0383	-0.029
25	SLU 69	0.09	-0.47	16.86	0	-1.0539	-0.0297
25	SLU 70	0.09	-0.47	16.87	0	-1.0545	-0.0294
25	SLU 71	0.09	-0.47	16.75	0	-1.0466	-0.0296
25	SLU 72	0.09	-0.47	16.76	0	-1.0473	-0.0292
25	SLU 73	0.08	-0.48	17.92	0	-1.12	-0.0299
25	SLU 74	0.08	-0.49	18.17	0	-1.1355	-0.0306
25	SLU 75	0.08	-0.48	18.18	0	-1.1362	-0.0303
25	SLU 76	0.08	-0.48	18.07	0	-1.1294	-0.0299
25	SLU 77	0.07	-0.49	18.32	0	-1.1449	-0.0306
25	SLU 78	0.07	-0.48	18.33	0	-1.1455	-0.0302
25	SLU 79	0.07	-0.49	18.2	0	-1.1376	-0.0304
25	SLU 80	0.07	-0.48	18.21	0	-1.1383	-0.0301
25	SLU 81	0.08	-0.49	18.53	0	-1.1579	-0.0309
25	SLU 82	0.08	-0.49	18.54	0	-1.1586	-0.0305
25	SLU 83	0.07	-0.49	18.68	0	-1.1673	-0.0308
25	SLU 84	0.07	-0.49	18.69	0	-1.1679	-0.0305
25	SLE RA 1	0.08	-0.37	12.36	0	-0.7727	-0.0229
25	SLE RA 2	0.08	-0.36	12.38	0	-0.7734	-0.0225
25	SLE RA 3	0.08	-0.37	12.54	0	-0.7838	-0.023
25	SLE RA 4	0.08	-0.36	12.55	0	-0.7842	-0.0227
25	SLE RA 5	0.08	-0.36	12.47	0	-0.7797	-0.0225
25	SLE RA 6	0.07	-0.37	12.64	0	-0.79	-0.0229
25	SLE RA 7	0.07	-0.36	12.65	0	-0.7905	-0.0227
25	SLE RA 8	0.07	-0.37	12.56	0	-0.7852	-0.0229
25	SLE RA 9	0.07	-0.36	12.57	0	-0.7856	-0.0226
25	SLE RA 10	0.07	-0.37	13.35	0	-0.8341	-0.0231
25	SLE RA 11	0.06	-0.38	13.51	0	-0.8445	-0.0235
25	SLE RA 12	0.06	-0.37	13.52	0	-0.8449	-0.0233
25	SLE RA 13	0.06	-0.37	13.45	0	-0.8404	-0.0231
25	SLE RA 14	0.06	-0.38	13.61	0	-0.8507	-0.0235
25	SLE RA 15	0.06	-0.37	13.62	0	-0.8511	-0.0233
25	SLE RA 16	0.06	-0.38	13.53	0	-0.8459	-0.0235



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
25	SLE RA 17	0.06	-0.37	13.54	0	-0.8463	-0.0232
25	SLE RA 18	0.06	-0.38	13.75	0	-0.8594	-0.0237
25	SLE RA 19	0.06	-0.38	13.76	0	-0.8598	-0.0235
25	SLE RA 20	0.06	-0.38	13.85	0	-0.8656	-0.0237
25	SLE RA 21	0.06	-0.38	13.86	0	-0.8661	-0.0235
25	SLE FR 1	0.08	-0.37	12.36	0	-0.7727	-0.0229
25	SLE FR 2	0.08	-0.37	12.37	0	-0.7729	-0.0228
25	SLE FR 3	0.08	-0.37	12.4	0	-0.7752	-0.0229
25	SLE FR 4	0.07	-0.37	12.78	0	-0.7989	-0.0231
25	SLE FR 5	0.07	-0.37	12.82	0	-0.8012	-0.0231
25	SLE FR 6	0.07	-0.37	13.06	0	-0.8161	-0.0233
25	SLE QP 1	0.08	-0.37	12.36	0	-0.7727	-0.0229
25	SLE QP 2	0.07	-0.37	12.78	0	-0.7987	-0.0231
25	SLD 1	0.84	-0.29	12.58	0	-0.7866	-0.0183
25	SLD 2	0.87	-0.26	12.58	0	-0.7865	-0.0163
25	SLD 3	0.8	-0.51	12.51	0	-0.7818	-0.032
25	SLD 4	0.83	-0.48	12.51	0	-0.7817	-0.03
25	SLD 5	0.35	-0.02	12.84	0	-0.8024	-0.0012
25	SLD 6	0.37	0	12.84	0	-0.8023	0.0001
25	SLD 7	0.23	-0.75	12.58	0	-0.7864	-0.047
25	SLD 8	0.25	-0.73	12.58	0	-0.7863	-0.0457
25	SLD 9	-0.1	-0.01	12.98	0	-0.8111	-0.0006
25	SLD 10	-0.08	0.01	12.98	0	-0.8111	0.0007
25	SLD 11	-0.22	-0.74	12.72	0	-0.7951	-0.0464
25	SLD 12	-0.21	-0.72	12.72	0	-0.7951	-0.0451
25	SLD 13	-0.68	-0.26	13.05	0	-0.8158	-0.0162
25	SLD 14	-0.65	-0.23	13.05	0	-0.8157	-0.0143
25	SLD 15	-0.72	-0.48	12.98	0	-0.811	-0.03
25	SLD 16	-0.69	-0.45	12.97	0	-0.8109	-0.028
25	SLV 1	1.86	-0.19	12.32	0	-0.7701	-0.0122
25	SLV 2	1.93	-0.12	12.32	0	-0.7699	-0.0076
25	SLV 3	1.78	-0.69	12.15	0	-0.7592	-0.0434
25	SLV 4	1.84	-0.62	12.14	0	-0.759	-0.0388
25	SLV 5	0.73	0.43	12.91	0	-0.8067	0.0267
25	SLV 6	0.77	0.47	12.91	0	-0.8066	0.0297
25	SLV 7	0.45	-1.24	12.33	0	-0.7704	-0.0774
25	SLV 8	0.49	-1.19	12.32	0	-0.7703	-0.0744
25	SLV 9	-0.34	0.45	13.23	0	-0.8272	0.0281
25	SLV 10	-0.3	0.5	13.23	0	-0.8271	0.0311
25	SLV 11	-0.62	-1.22	12.65	0	-0.7909	-0.076
25	SLV 12	-0.58	-1.17	12.65	0	-0.7908	-0.073
25	SLV 13	-1.69	-0.12	13.41	0	-0.8384	-0.0075
25	SLV 14	-1.63	-0.05	13.41	0	-0.8383	-0.0029
25	SLV 15	-1.78	-0.62	13.24	0	-0.8275	-0.0387
25	SLV 16	-1.71	-0.55	13.24	0	-0.8274	-0.0341
25	CRTFP Ux+	0	0	0	0	0	0
25	CRTFP Ux-	0	0	0	0	0	0
27	SLU 1	0.07	-0.34	11.47	0	0	0
27	SLU 2	0.07	-0.33	11.49	0	0	0
27	SLU 3	0.07	-0.34	11.72	0	0	0
27	SLU 4	0.07	-0.33	11.73	0	0	0
27	SLU 5	0.07	-0.33	11.62	0	0	0
27	SLU 6	0.06	-0.34	11.86	0	0	0
27	SLU 7	0.06	-0.33	11.87	0	0	0
27	SLU 8	0.06	-0.34	11.75	0	0	0
27	SLU 9	0.06	-0.33	11.76	0	0	0
27	SLU 10	0.05	-0.34	12.86	0	0	0
27	SLU 11	0.05	-0.35	13.09	0	0	0
27	SLU 12	0.05	-0.34	13.1	0	0	0
27	SLU 13	0.05	-0.34	13	0	0	0
27	SLU 14	0.04	-0.35	13.23	0	0	0
27	SLU 15	0.04	-0.34	13.24	0	0	0
27	SLU 16	0.04	-0.35	13.12	0	0	0
27	SLU 17	0.04	-0.34	13.13	0	0	0
27	SLU 18	0.05	-0.35	13.43	0	0	0
27	SLU 19	0.05	-0.35	13.44	0	0	0
27	SLU 20	0.04	-0.35	13.57	0	0	0
27	SLU 21	0.04	-0.35	13.58	0	0	0
27	SLU 22	0.08	-0.33	12.72	0	0	0
27	SLU 23	0.08	-0.32	12.73	0	0	0
27	SLU 24	0.07	-0.33	12.97	0	0	0
27	SLU 25	0.07	-0.32	12.98	0	0	0
27	SLU 26	0.07	-0.32	12.87	0	0	0
27	SLU 27	0.07	-0.33	13.11	0	0	0
27	SLU 28	0.07	-0.32	13.12	0	0	0
27	SLU 29	0.07	-0.33	12.99	0	0	0
27	SLU 30	0.07	-0.32	13.01	0	0	0
27	SLU 31	0.06	-0.33	14.11	0	0	0
27	SLU 32	0.05	-0.34	14.34	0	0	0
27	SLU 33	0.05	-0.33	14.35	0	0	0
27	SLU 34	0.05	-0.33	14.25	0	0	0
27	SLU 35	0.05	-0.34	14.48	0	0	0
27	SLU 36	0.05	-0.33	14.49	0	0	0
27	SLU 37	0.05	-0.34	14.37	0	0	0
27	SLU 38	0.05	-0.33	14.38	0	0	0
27	SLU 39	0.05	-0.34	14.68	0	0	0
27	SLU 40	0.05	-0.34	14.69	0	0	0
27	SLU 41	0.04	-0.34	14.82	0	0	0
27	SLU 42	0.04	-0.34	14.83	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
27	SLU 43	0.1	-0.44	14.48	0	0	0
27	SLU 44	0.1	-0.43	14.5	0	0	0
27	SLU 45	0.09	-0.44	14.73	0	0	0
27	SLU 46	0.09	-0.44	14.74	0	0	0
27	SLU 47	0.09	-0.43	14.64	0	0	0
27	SLU 48	0.09	-0.44	14.87	0	0	0
27	SLU 49	0.08	-0.44	14.88	0	0	0
27	SLU 50	0.08	-0.44	14.76	0	0	0
27	SLU 51	0.08	-0.43	14.77	0	0	0
27	SLU 52	0.08	-0.44	15.87	0	0	0
27	SLU 53	0.07	-0.45	16.11	0	0	0
27	SLU 54	0.07	-0.45	16.12	0	0	0
27	SLU 55	0.07	-0.44	16.01	0	0	0
27	SLU 56	0.07	-0.45	16.25	0	0	0
27	SLU 57	0.07	-0.45	16.26	0	0	0
27	SLU 58	0.06	-0.45	16.13	0	0	0
27	SLU 59	0.06	-0.45	16.15	0	0	0
27	SLU 60	0.07	-0.46	16.45	0	0	0
27	SLU 61	0.07	-0.45	16.46	0	0	0
27	SLU 62	0.06	-0.46	16.58	0	0	0
27	SLU 63	0.06	-0.45	16.6	0	0	0
27	SLU 64	0.1	-0.43	15.73	0	0	0
27	SLU 65	0.1	-0.42	15.75	0	0	0
27	SLU 66	0.09	-0.43	15.98	0	0	0
27	SLU 67	0.09	-0.43	15.99	0	0	0
27	SLU 68	0.09	-0.42	15.89	0	0	0
27	SLU 69	0.09	-0.43	16.12	0	0	0
27	SLU 70	0.09	-0.43	16.13	0	0	0
27	SLU 71	0.09	-0.43	16.01	0	0	0
27	SLU 72	0.09	-0.42	16.02	0	0	0
27	SLU 73	0.08	-0.43	17.12	0	0	0
27	SLU 74	0.08	-0.44	17.35	0	0	0
27	SLU 75	0.08	-0.44	17.36	0	0	0
27	SLU 76	0.07	-0.43	17.26	0	0	0
27	SLU 77	0.07	-0.44	17.49	0	0	0
27	SLU 78	0.07	-0.44	17.5	0	0	0
27	SLU 79	0.07	-0.44	17.38	0	0	0
27	SLU 80	0.07	-0.44	17.39	0	0	0
27	SLU 81	0.07	-0.45	17.69	0	0	0
27	SLU 82	0.07	-0.44	17.7	0	0	0
27	SLU 83	0.07	-0.45	17.83	0	0	0
27	SLU 84	0.07	-0.44	17.84	0	0	0
27	SLE RA 1	0.08	-0.33	11.82	0	0	0
27	SLE RA 2	0.08	-0.33	11.84	0	0	0
27	SLE RA 3	0.07	-0.33	11.99	0	0	0
27	SLE RA 4	0.07	-0.33	12	0	0	0
27	SLE RA 5	0.07	-0.33	11.93	0	0	0
27	SLE RA 6	0.07	-0.33	12.08	0	0	0
27	SLE RA 7	0.07	-0.33	12.09	0	0	0
27	SLE RA 8	0.07	-0.33	12.01	0	0	0
27	SLE RA 9	0.07	-0.33	12.02	0	0	0
27	SLE RA 10	0.06	-0.34	12.75	0	0	0
27	SLE RA 11	0.06	-0.34	12.91	0	0	0
27	SLE RA 12	0.06	-0.34	12.92	0	0	0
27	SLE RA 13	0.06	-0.34	12.85	0	0	0
27	SLE RA 14	0.06	-0.34	13	0	0	0
27	SLE RA 15	0.06	-0.34	13.01	0	0	0
27	SLE RA 16	0.05	-0.34	12.93	0	0	0
27	SLE RA 17	0.05	-0.34	12.93	0	0	0
27	SLE RA 18	0.06	-0.34	13.13	0	0	0
27	SLE RA 19	0.06	-0.34	13.14	0	0	0
27	SLE RA 20	0.05	-0.34	13.23	0	0	0
27	SLE RA 21	0.05	-0.34	13.23	0	0	0
27	SLE FR 1	0.08	-0.33	11.82	0	0	0
27	SLE FR 2	0.08	-0.33	11.83	0	0	0
27	SLE FR 3	0.07	-0.33	11.86	0	0	0
27	SLE FR 4	0.07	-0.34	12.22	0	0	0
27	SLE FR 5	0.07	-0.34	12.26	0	0	0
27	SLE FR 6	0.07	-0.34	12.48	0	0	0
27	SLE QP 1	0.08	-0.33	11.82	0	0	0
27	SLE QP 2	0.07	-0.34	12.22	0	0	0
27	SLD 1	0.8	-0.23	11.98	0	0	0
27	SLD 2	0.83	-0.2	11.97	0	0	0
27	SLD 3	0.77	-0.44	11.89	0	0	0
27	SLD 4	0.79	-0.41	11.89	0	0	0
27	SLD 5	0.34	0	12.28	0	0	0
27	SLD 6	0.36	0.03	12.28	0	0	0
27	SLD 7	0.22	-0.69	11.99	0	0	0
27	SLD 8	0.24	-0.67	11.98	0	0	0
27	SLD 9	-0.1	-0.01	12.45	0	0	0
27	SLD 10	-0.08	0.02	12.45	0	0	0
27	SLD 11	-0.22	-0.7	12.16	0	0	0
27	SLD 12	-0.2	-0.68	12.16	0	0	0
27	SLD 13	-0.65	-0.27	12.55	0	0	0
27	SLD 14	-0.62	-0.23	12.54	0	0	0
27	SLD 15	-0.69	-0.48	12.46	0	0	0
27	SLD 16	-0.66	-0.44	12.46	0	0	0
27	SLV 1	1.78	-0.1	11.66	0	0	0
27	SLV 2	1.84	-0.02	11.64	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
27	SLV 3	1.7	-0.58	11.46	0	0	0
27	SLV 4	1.76	-0.49	11.44	0	0	0
27	SLV 5	0.69	0.43	12.35	0	0	0
27	SLV 6	0.73	0.49	12.34	0	0	0
27	SLV 7	0.43	-1.14	11.69	0	0	0
27	SLV 8	0.47	-1.08	11.68	0	0	0
27	SLV 9	-0.33	0.41	12.75	0	0	0
27	SLV 10	-0.29	0.46	12.75	0	0	0
27	SLV 11	-0.59	-1.16	12.09	0	0	0
27	SLV 12	-0.55	-1.11	12.08	0	0	0
27	SLV 13	-1.62	-0.18	12.99	0	0	0
27	SLV 14	-1.56	-0.1	12.98	0	0	0
27	SLV 15	-1.7	-0.65	12.79	0	0	0
27	SLV 16	-1.64	-0.57	12.78	0	0	0
28	SLU 1	0.04	-0.16	5.73	0	0	0
28	SLU 2	0.04	-0.16	5.74	0	0	0
28	SLU 3	0.04	-0.16	5.86	0	0	0
28	SLU 4	0.04	-0.16	5.86	0	0	0
28	SLU 5	0.03	-0.16	5.81	0	0	0
28	SLU 6	0.03	-0.16	5.92	0	0	0
28	SLU 7	0.03	-0.16	5.93	0	0	0
28	SLU 8	0.03	-0.16	5.87	0	0	0
28	SLU 9	0.03	-0.16	5.87	0	0	0
28	SLU 10	0.03	-0.16	6.42	0	0	0
28	SLU 11	0.03	-0.17	6.53	0	0	0
28	SLU 12	0.03	-0.16	6.54	0	0	0
28	SLU 13	0.02	-0.16	6.49	0	0	0
28	SLU 14	0.02	-0.17	6.6	0	0	0
28	SLU 15	0.02	-0.16	6.61	0	0	0
28	SLU 16	0.02	-0.17	6.55	0	0	0
28	SLU 17	0.02	-0.16	6.55	0	0	0
28	SLU 18	0.02	-0.17	6.7	0	0	0
28	SLU 19	0.02	-0.17	6.71	0	0	0
28	SLU 20	0.02	-0.17	6.77	0	0	0
28	SLU 21	0.02	-0.17	6.77	0	0	0
28	SLU 22	0.04	-0.16	6.35	0	0	0
28	SLU 23	0.04	-0.15	6.36	0	0	0
28	SLU 24	0.04	-0.16	6.48	0	0	0
28	SLU 25	0.04	-0.15	6.48	0	0	0
28	SLU 26	0.04	-0.15	6.43	0	0	0
28	SLU 27	0.03	-0.16	6.54	0	0	0
28	SLU 28	0.03	-0.15	6.55	0	0	0
28	SLU 29	0.03	-0.15	6.49	0	0	0
28	SLU 30	0.03	-0.15	6.49	0	0	0
28	SLU 31	0.03	-0.16	7.04	0	0	0
28	SLU 32	0.03	-0.16	7.16	0	0	0
28	SLU 33	0.03	-0.16	7.16	0	0	0
28	SLU 34	0.03	-0.16	7.11	0	0	0
28	SLU 35	0.02	-0.16	7.22	0	0	0
28	SLU 36	0.02	-0.16	7.23	0	0	0
28	SLU 37	0.02	-0.16	7.17	0	0	0
28	SLU 38	0.02	-0.16	7.17	0	0	0
28	SLU 39	0.03	-0.16	7.32	0	0	0
28	SLU 40	0.03	-0.16	7.33	0	0	0
28	SLU 41	0.02	-0.16	7.39	0	0	0
28	SLU 42	0.02	-0.16	7.4	0	0	0
28	SLU 43	0.05	-0.21	7.24	0	0	0
28	SLU 44	0.05	-0.21	7.25	0	0	0
28	SLU 45	0.05	-0.21	7.36	0	0	0
28	SLU 46	0.05	-0.21	7.37	0	0	0
28	SLU 47	0.04	-0.21	7.31	0	0	0
28	SLU 48	0.04	-0.21	7.43	0	0	0
28	SLU 49	0.04	-0.21	7.43	0	0	0
28	SLU 50	0.04	-0.21	7.37	0	0	0
28	SLU 51	0.04	-0.21	7.38	0	0	0
28	SLU 52	0.04	-0.21	7.93	0	0	0
28	SLU 53	0.04	-0.22	8.04	0	0	0
28	SLU 54	0.04	-0.21	8.05	0	0	0
28	SLU 55	0.04	-0.21	7.99	0	0	0
28	SLU 56	0.03	-0.22	8.11	0	0	0
28	SLU 57	0.03	-0.21	8.11	0	0	0
28	SLU 58	0.03	-0.22	8.05	0	0	0
28	SLU 59	0.03	-0.21	8.06	0	0	0
28	SLU 60	0.03	-0.22	8.21	0	0	0
28	SLU 61	0.03	-0.22	8.21	0	0	0
28	SLU 62	0.03	-0.22	8.28	0	0	0
28	SLU 63	0.03	-0.22	8.28	0	0	0
28	SLU 64	0.05	-0.21	7.86	0	0	0
28	SLU 65	0.05	-0.2	7.87	0	0	0
28	SLU 66	0.05	-0.21	7.98	0	0	0
28	SLU 67	0.05	-0.2	7.99	0	0	0
28	SLU 68	0.05	-0.2	7.94	0	0	0
28	SLU 69	0.04	-0.21	8.05	0	0	0
28	SLU 70	0.04	-0.2	8.06	0	0	0
28	SLU 71	0.04	-0.21	8	0	0	0
28	SLU 72	0.04	-0.2	8	0	0	0
28	SLU 73	0.04	-0.21	8.55	0	0	0
28	SLU 74	0.04	-0.21	8.66	0	0	0
28	SLU 75	0.04	-0.21	8.67	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
28	SLU 76	0.04	-0.21	8.62	0	0	0
28	SLU 77	0.04	-0.21	8.73	0	0	0
28	SLU 78	0.03	-0.21	8.74	0	0	0
28	SLU 79	0.03	-0.21	8.67	0	0	0
28	SLU 80	0.03	-0.21	8.68	0	0	0
28	SLU 81	0.04	-0.21	8.83	0	0	0
28	SLU 82	0.04	-0.21	8.83	0	0	0
28	SLU 83	0.03	-0.21	8.9	0	0	0
28	SLU 84	0.03	-0.21	8.9	0	0	0
28	SLE RA 1	0.04	-0.16	5.91	0	0	0
28	SLE RA 2	0.04	-0.16	5.92	0	0	0
28	SLE RA 3	0.04	-0.16	5.99	0	0	0
28	SLE RA 4	0.04	-0.16	6	0	0	0
28	SLE RA 5	0.04	-0.16	5.96	0	0	0
28	SLE RA 6	0.03	-0.16	6.04	0	0	0
28	SLE RA 7	0.03	-0.16	6.04	0	0	0
28	SLE RA 8	0.03	-0.16	6	0	0	0
28	SLE RA 9	0.03	-0.16	6	0	0	0
28	SLE RA 10	0.03	-0.16	6.37	0	0	0
28	SLE RA 11	0.03	-0.16	6.44	0	0	0
28	SLE RA 12	0.03	-0.16	6.45	0	0	0
28	SLE RA 13	0.03	-0.16	6.41	0	0	0
28	SLE RA 14	0.03	-0.16	6.49	0	0	0
28	SLE RA 15	0.03	-0.16	6.49	0	0	0
28	SLE RA 16	0.03	-0.16	6.45	0	0	0
28	SLE RA 17	0.03	-0.16	6.46	0	0	0
28	SLE RA 18	0.03	-0.16	6.56	0	0	0
28	SLE RA 19	0.03	-0.16	6.56	0	0	0
28	SLE RA 20	0.03	-0.16	6.6	0	0	0
28	SLE RA 21	0.03	-0.16	6.6	0	0	0
28	SLE FR 1	0.04	-0.16	5.91	0	0	0
28	SLE FR 2	0.04	-0.16	5.91	0	0	0
28	SLE FR 3	0.04	-0.16	5.93	0	0	0
28	SLE FR 4	0.04	-0.16	6.1	0	0	0
28	SLE FR 5	0.03	-0.16	6.12	0	0	0
28	SLE FR 6	0.03	-0.16	6.23	0	0	0
28	SLE QP 1	0.04	-0.16	5.91	0	0	0
28	SLE QP 2	0.04	-0.16	6.1	0	0	0
28	SLD 1	0.4	-0.11	5.96	0	0	0
28	SLD 2	0.41	-0.09	5.95	0	0	0
28	SLD 3	0.38	-0.21	5.91	0	0	0
28	SLD 4	0.4	-0.19	5.9	0	0	0
28	SLD 5	0.17	0.01	6.14	0	0	0
28	SLD 6	0.18	0.02	6.14	0	0	0
28	SLD 7	0.11	-0.34	5.97	0	0	0
28	SLD 8	0.12	-0.32	5.96	0	0	0
28	SLD 9	-0.05	0	6.24	0	0	0
28	SLD 10	-0.04	0.01	6.24	0	0	0
28	SLD 11	-0.11	-0.34	6.07	0	0	0
28	SLD 12	-0.1	-0.33	6.07	0	0	0
28	SLD 13	-0.33	-0.13	6.31	0	0	0
28	SLD 14	-0.31	-0.11	6.3	0	0	0
28	SLD 15	-0.34	-0.23	6.25	0	0	0
28	SLD 16	-0.33	-0.21	6.25	0	0	0
28	SLV 1	0.89	-0.05	5.76	0	0	0
28	SLV 2	0.92	0	5.75	0	0	0
28	SLV 3	0.85	-0.28	5.64	0	0	0
28	SLV 4	0.88	-0.23	5.63	0	0	0
28	SLV 5	0.35	0.22	6.18	0	0	0
28	SLV 6	0.37	0.25	6.17	0	0	0
28	SLV 7	0.21	-0.56	5.79	0	0	0
28	SLV 8	0.23	-0.53	5.78	0	0	0
28	SLV 9	-0.16	0.21	6.42	0	0	0
28	SLV 10	-0.14	0.24	6.42	0	0	0
28	SLV 11	-0.3	-0.57	6.03	0	0	0
28	SLV 12	-0.28	-0.54	6.03	0	0	0
28	SLV 13	-0.81	-0.09	6.57	0	0	0
28	SLV 14	-0.78	-0.04	6.56	0	0	0
28	SLV 15	-0.85	-0.32	6.46	0	0	0
28	SLV 16	-0.82	-0.28	6.45	0	0	0
29	SLU 1	0.05	-0.28	9.46	0	0	0
29	SLU 2	0.05	-0.28	9.47	0	0	0
29	SLU 3	0.05	-0.28	9.67	0	0	0
29	SLU 4	0.05	-0.28	9.68	0	0	0
29	SLU 5	0.05	-0.28	9.59	0	0	0
29	SLU 6	0.04	-0.28	9.79	0	0	0
29	SLU 7	0.04	-0.28	9.79	0	0	0
29	SLU 8	0.04	-0.28	9.69	0	0	0
29	SLU 9	0.04	-0.28	9.7	0	0	0
29	SLU 10	0.03	-0.29	10.62	0	0	0
29	SLU 11	0.03	-0.29	10.81	0	0	0
29	SLU 12	0.03	-0.29	10.82	0	0	0
29	SLU 13	0.03	-0.29	10.73	0	0	0
29	SLU 14	0.02	-0.29	10.93	0	0	0
29	SLU 15	0.02	-0.29	10.94	0	0	0
29	SLU 16	0.02	-0.29	10.84	0	0	0
29	SLU 17	0.02	-0.29	10.84	0	0	0
29	SLU 18	0.03	-0.3	11.09	0	0	0
29	SLU 19	0.03	-0.29	11.1	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
29	SLU 20	0.02	-0.3	11.21	0	0	0
29	SLU 21	0.02	-0.29	11.22	0	0	0
29	SLU 22	0.05	-0.28	10.5	0	0	0
29	SLU 23	0.05	-0.27	10.51	0	0	0
29	SLU 24	0.05	-0.28	10.71	0	0	0
29	SLU 25	0.05	-0.27	10.72	0	0	0
29	SLU 26	0.05	-0.27	10.63	0	0	0
29	SLU 27	0.04	-0.28	10.82	0	0	0
29	SLU 28	0.04	-0.27	10.83	0	0	0
29	SLU 29	0.04	-0.27	10.73	0	0	0
29	SLU 30	0.04	-0.27	10.74	0	0	0
29	SLU 31	0.04	-0.28	11.66	0	0	0
29	SLU 32	0.03	-0.29	11.85	0	0	0
29	SLU 33	0.03	-0.28	11.86	0	0	0
29	SLU 34	0.03	-0.28	11.77	0	0	0
29	SLU 35	0.03	-0.29	11.97	0	0	0
29	SLU 36	0.03	-0.28	11.98	0	0	0
29	SLU 37	0.03	-0.28	11.88	0	0	0
29	SLU 38	0.03	-0.28	11.88	0	0	0
29	SLU 39	0.03	-0.29	12.13	0	0	0
29	SLU 40	0.03	-0.29	12.14	0	0	0
29	SLU 41	0.02	-0.29	12.25	0	0	0
29	SLU 42	0.02	-0.28	12.26	0	0	0
29	SLU 43	0.07	-0.37	11.94	0	0	0
29	SLU 44	0.07	-0.36	11.95	0	0	0
29	SLU 45	0.06	-0.37	12.15	0	0	0
29	SLU 46	0.06	-0.37	12.16	0	0	0
29	SLU 47	0.06	-0.36	12.07	0	0	0
29	SLU 48	0.06	-0.37	12.27	0	0	0
29	SLU 49	0.06	-0.37	12.27	0	0	0
29	SLU 50	0.06	-0.37	12.18	0	0	0
29	SLU 51	0.06	-0.37	12.18	0	0	0
29	SLU 52	0.05	-0.37	13.1	0	0	0
29	SLU 53	0.04	-0.38	13.29	0	0	0
29	SLU 54	0.04	-0.38	13.3	0	0	0
29	SLU 55	0.04	-0.37	13.21	0	0	0
29	SLU 56	0.04	-0.38	13.41	0	0	0
29	SLU 57	0.04	-0.38	13.42	0	0	0
29	SLU 58	0.04	-0.38	13.32	0	0	0
29	SLU 59	0.04	-0.38	13.33	0	0	0
29	SLU 60	0.04	-0.39	13.57	0	0	0
29	SLU 61	0.04	-0.38	13.58	0	0	0
29	SLU 62	0.04	-0.38	13.69	0	0	0
29	SLU 63	0.04	-0.38	13.7	0	0	0
29	SLU 64	0.07	-0.36	12.98	0	0	0
29	SLU 65	0.07	-0.36	12.99	0	0	0
29	SLU 66	0.06	-0.36	13.19	0	0	0
29	SLU 67	0.06	-0.36	13.2	0	0	0
29	SLU 68	0.06	-0.36	13.11	0	0	0
29	SLU 69	0.06	-0.36	13.31	0	0	0
29	SLU 70	0.06	-0.36	13.31	0	0	0
29	SLU 71	0.06	-0.36	13.21	0	0	0
29	SLU 72	0.06	-0.36	13.22	0	0	0
29	SLU 73	0.05	-0.37	14.14	0	0	0
29	SLU 74	0.05	-0.37	14.33	0	0	0
29	SLU 75	0.05	-0.37	14.34	0	0	0
29	SLU 76	0.05	-0.37	14.25	0	0	0
29	SLU 77	0.04	-0.37	14.45	0	0	0
29	SLU 78	0.04	-0.37	14.46	0	0	0
29	SLU 79	0.04	-0.37	14.36	0	0	0
29	SLU 80	0.04	-0.37	14.37	0	0	0
29	SLU 81	0.04	-0.38	14.61	0	0	0
29	SLU 82	0.04	-0.37	14.62	0	0	0
29	SLU 83	0.04	-0.38	14.73	0	0	0
29	SLU 84	0.04	-0.37	14.74	0	0	0
29	SLE RA 1	0.05	-0.28	9.76	0	0	0
29	SLE RA 2	0.05	-0.28	9.77	0	0	0
29	SLE RA 3	0.05	-0.28	9.9	0	0	0
29	SLE RA 4	0.05	-0.28	9.9	0	0	0
29	SLE RA 5	0.05	-0.28	9.84	0	0	0
29	SLE RA 6	0.05	-0.28	9.97	0	0	0
29	SLE RA 7	0.05	-0.28	9.98	0	0	0
29	SLE RA 8	0.05	-0.28	9.91	0	0	0
29	SLE RA 9	0.05	-0.28	9.92	0	0	0
29	SLE RA 10	0.04	-0.28	10.53	0	0	0
29	SLE RA 11	0.04	-0.29	10.66	0	0	0
29	SLE RA 12	0.04	-0.29	10.66	0	0	0
29	SLE RA 13	0.04	-0.28	10.61	0	0	0
29	SLE RA 14	0.03	-0.29	10.74	0	0	0
29	SLE RA 15	0.03	-0.29	10.74	0	0	0
29	SLE RA 16	0.03	-0.29	10.67	0	0	0
29	SLE RA 17	0.03	-0.28	10.68	0	0	0
29	SLE RA 18	0.04	-0.29	10.85	0	0	0
29	SLE RA 19	0.04	-0.29	10.85	0	0	0
29	SLE RA 20	0.03	-0.29	10.92	0	0	0
29	SLE RA 21	0.03	-0.29	10.93	0	0	0
29	SLE FR 1	0.05	-0.28	9.76	0	0	0
29	SLE FR 2	0.05	-0.28	9.76	0	0	0
29	SLE FR 3	0.05	-0.28	9.79	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
29	SLE FR 4	0.05	-0.28	10.08	0	0	0
29	SLE FR 5	0.05	-0.28	10.11	0	0	0
29	SLE FR 6	0.04	-0.29	10.3	0	0	0
29	SLE QP 1	0.05	-0.28	9.76	0	0	0
29	SLE QP 2	0.05	-0.28	10.08	0	0	0
29	SLD 1	0.66	-0.2	9.88	0	0	0
29	SLD 2	0.68	-0.17	9.87	0	0	0
29	SLD 3	0.63	-0.37	9.83	0	0	0
29	SLD 4	0.65	-0.34	9.83	0	0	0
29	SLD 5	0.28	0	10.09	0	0	0
29	SLD 6	0.29	0.02	10.09	0	0	0
29	SLD 7	0.17	-0.58	9.94	0	0	0
29	SLD 8	0.18	-0.56	9.93	0	0	0
29	SLD 9	-0.09	-0.01	10.23	0	0	0
29	SLD 10	-0.08	0.01	10.23	0	0	0
29	SLD 11	-0.19	-0.59	10.08	0	0	0
29	SLD 12	-0.18	-0.57	10.07	0	0	0
29	SLD 13	-0.55	-0.23	10.34	0	0	0
29	SLD 14	-0.54	-0.2	10.34	0	0	0
29	SLD 15	-0.59	-0.4	10.29	0	0	0
29	SLD 16	-0.57	-0.37	10.29	0	0	0
29	SLV 1	1.48	-0.09	9.6	0	0	0
29	SLV 2	1.53	-0.02	9.59	0	0	0
29	SLV 3	1.41	-0.48	9.49	0	0	0
29	SLV 4	1.46	-0.41	9.48	0	0	0
29	SLV 5	0.58	0.36	10.1	0	0	0
29	SLV 6	0.61	0.41	10.09	0	0	0
29	SLV 7	0.34	-0.96	9.75	0	0	0
29	SLV 8	0.37	-0.91	9.74	0	0	0
29	SLV 9	-0.28	0.34	10.43	0	0	0
29	SLV 10	-0.25	0.39	10.42	0	0	0
29	SLV 11	-0.51	-0.98	10.07	0	0	0
29	SLV 12	-0.48	-0.93	10.06	0	0	0
29	SLV 13	-1.36	-0.15	10.68	0	0	0
29	SLV 14	-1.32	-0.08	10.67	0	0	0
29	SLV 15	-1.43	-0.55	10.58	0	0	0
29	SLV 16	-1.39	-0.48	10.57	0	0	0
30	SLU 1	0.03	-0.14	4.99	0	0	0
30	SLU 2	0.03	-0.14	4.99	0	0	0
30	SLU 3	0.03	-0.14	5.09	0	0	0
30	SLU 4	0.03	-0.14	5.1	0	0	0
30	SLU 5	0.02	-0.14	5.05	0	0	0
30	SLU 6	0.02	-0.14	5.15	0	0	0
30	SLU 7	0.02	-0.14	5.16	0	0	0
30	SLU 8	0.02	-0.14	5.11	0	0	0
30	SLU 9	0.02	-0.14	5.11	0	0	0
30	SLU 10	0.02	-0.14	5.59	0	0	0
30	SLU 11	0.02	-0.15	5.69	0	0	0
30	SLU 12	0.02	-0.15	5.69	0	0	0
30	SLU 13	0.02	-0.14	5.65	0	0	0
30	SLU 14	0.01	-0.15	5.75	0	0	0
30	SLU 15	0.01	-0.15	5.75	0	0	0
30	SLU 16	0.01	-0.15	5.7	0	0	0
30	SLU 17	0.01	-0.14	5.7	0	0	0
30	SLU 18	0.01	-0.15	5.84	0	0	0
30	SLU 19	0.01	-0.15	5.84	0	0	0
30	SLU 20	0.01	-0.15	5.9	0	0	0
30	SLU 21	0.01	-0.15	5.9	0	0	0
30	SLU 22	0.03	-0.14	5.53	0	0	0
30	SLU 23	0.03	-0.13	5.54	0	0	0
30	SLU 24	0.03	-0.14	5.64	0	0	0
30	SLU 25	0.03	-0.14	5.64	0	0	0
30	SLU 26	0.03	-0.13	5.6	0	0	0
30	SLU 27	0.02	-0.14	5.7	0	0	0
30	SLU 28	0.02	-0.14	5.7	0	0	0
30	SLU 29	0.02	-0.14	5.65	0	0	0
30	SLU 30	0.02	-0.14	5.66	0	0	0
30	SLU 31	0.02	-0.14	6.13	0	0	0
30	SLU 32	0.02	-0.14	6.24	0	0	0
30	SLU 33	0.02	-0.14	6.24	0	0	0
30	SLU 34	0.02	-0.14	6.19	0	0	0
30	SLU 35	0.01	-0.14	6.3	0	0	0
30	SLU 36	0.01	-0.14	6.3	0	0	0
30	SLU 37	0.01	-0.14	6.25	0	0	0
30	SLU 38	0.01	-0.14	6.25	0	0	0
30	SLU 39	0.02	-0.14	6.38	0	0	0
30	SLU 40	0.02	-0.14	6.39	0	0	0
30	SLU 41	0.01	-0.14	6.44	0	0	0
30	SLU 42	0.01	-0.14	6.45	0	0	0
30	SLU 43	0.03	-0.19	6.29	0	0	0
30	SLU 44	0.03	-0.18	6.3	0	0	0
30	SLU 45	0.03	-0.19	6.4	0	0	0
30	SLU 46	0.03	-0.19	6.41	0	0	0
30	SLU 47	0.03	-0.18	6.36	0	0	0
30	SLU 48	0.03	-0.19	6.46	0	0	0
30	SLU 49	0.03	-0.19	6.47	0	0	0
30	SLU 50	0.03	-0.19	6.41	0	0	0
30	SLU 51	0.03	-0.18	6.42	0	0	0
30	SLU 52	0.03	-0.19	6.9	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
30	SLU 53	0.02	-0.19	7	0	0	0
30	SLU 54	0.02	-0.19	7	0	0	0
30	SLU 55	0.02	-0.19	6.96	0	0	0
30	SLU 56	0.02	-0.19	7.06	0	0	0
30	SLU 57	0.02	-0.19	7.06	0	0	0
30	SLU 58	0.02	-0.19	7.01	0	0	0
30	SLU 59	0.02	-0.19	7.01	0	0	0
30	SLU 60	0.02	-0.19	7.14	0	0	0
30	SLU 61	0.02	-0.19	7.15	0	0	0
30	SLU 62	0.02	-0.19	7.2	0	0	0
30	SLU 63	0.02	-0.19	7.21	0	0	0
30	SLU 64	0.04	-0.18	6.84	0	0	0
30	SLU 65	0.04	-0.18	6.85	0	0	0
30	SLU 66	0.03	-0.18	6.95	0	0	0
30	SLU 67	0.03	-0.18	6.95	0	0	0
30	SLU 68	0.03	-0.18	6.91	0	0	0
30	SLU 69	0.03	-0.18	7.01	0	0	0
30	SLU 70	0.03	-0.18	7.01	0	0	0
30	SLU 71	0.03	-0.18	6.96	0	0	0
30	SLU 72	0.03	-0.18	6.96	0	0	0
30	SLU 73	0.03	-0.18	7.44	0	0	0
30	SLU 74	0.02	-0.19	7.54	0	0	0
30	SLU 75	0.02	-0.19	7.55	0	0	0
30	SLU 76	0.02	-0.18	7.5	0	0	0
30	SLU 77	0.02	-0.19	7.6	0	0	0
30	SLU 78	0.02	-0.19	7.61	0	0	0
30	SLU 79	0.02	-0.19	7.56	0	0	0
30	SLU 80	0.02	-0.18	7.56	0	0	0
30	SLU 81	0.02	-0.19	7.69	0	0	0
30	SLU 82	0.02	-0.19	7.69	0	0	0
30	SLU 83	0.02	-0.19	7.75	0	0	0
30	SLU 84	0.02	-0.19	7.75	0	0	0
30	SLE RA 1	0.03	-0.14	5.14	0	0	0
30	SLE RA 2	0.03	-0.14	5.15	0	0	0
30	SLE RA 3	0.03	-0.14	5.21	0	0	0
30	SLE RA 4	0.03	-0.14	5.22	0	0	0
30	SLE RA 5	0.03	-0.14	5.19	0	0	0
30	SLE RA 6	0.02	-0.14	5.25	0	0	0
30	SLE RA 7	0.02	-0.14	5.26	0	0	0
30	SLE RA 8	0.02	-0.14	5.22	0	0	0
30	SLE RA 9	0.02	-0.14	5.22	0	0	0
30	SLE RA 10	0.02	-0.14	5.54	0	0	0
30	SLE RA 11	0.02	-0.14	5.61	0	0	0
30	SLE RA 12	0.02	-0.14	5.61	0	0	0
30	SLE RA 13	0.02	-0.14	5.58	0	0	0
30	SLE RA 14	0.02	-0.14	5.65	0	0	0
30	SLE RA 15	0.02	-0.14	5.65	0	0	0
30	SLE RA 16	0.02	-0.14	5.62	0	0	0
30	SLE RA 17	0.02	-0.14	5.62	0	0	0
30	SLE RA 18	0.02	-0.15	5.71	0	0	0
30	SLE RA 19	0.02	-0.14	5.71	0	0	0
30	SLE RA 20	0.02	-0.15	5.75	0	0	0
30	SLE RA 21	0.02	-0.14	5.75	0	0	0
30	SLE FR 1	0.03	-0.14	5.14	0	0	0
30	SLE FR 2	0.03	-0.14	5.14	0	0	0
30	SLE FR 3	0.03	-0.14	5.16	0	0	0
30	SLE FR 4	0.02	-0.14	5.31	0	0	0
30	SLE FR 5	0.02	-0.14	5.33	0	0	0
30	SLE FR 6	0.02	-0.14	5.43	0	0	0
30	SLE QP 1	0.03	-0.14	5.14	0	0	0
30	SLE QP 2	0.02	-0.14	5.31	0	0	0
30	SLD 1	0.35	-0.1	5.18	0	0	0
30	SLD 2	0.36	-0.08	5.18	0	0	0
30	SLD 3	0.33	-0.19	5.15	0	0	0
30	SLD 4	0.34	-0.17	5.14	0	0	0
30	SLD 5	0.15	0.01	5.32	0	0	0
30	SLD 6	0.15	0.02	5.32	0	0	0
30	SLD 7	0.09	-0.3	5.21	0	0	0
30	SLD 8	0.1	-0.29	5.21	0	0	0
30	SLD 9	-0.05	0	5.41	0	0	0
30	SLD 10	-0.04	0.01	5.41	0	0	0
30	SLD 11	-0.1	-0.3	5.3	0	0	0
30	SLD 12	-0.1	-0.29	5.3	0	0	0
30	SLD 13	-0.29	-0.11	5.48	0	0	0
30	SLD 14	-0.28	-0.1	5.47	0	0	0
30	SLD 15	-0.31	-0.21	5.45	0	0	0
30	SLD 16	-0.3	-0.19	5.44	0	0	0
30	SLV 1	0.78	-0.04	5	0	0	0
30	SLV 2	0.81	0	4.99	0	0	0
30	SLV 3	0.75	-0.25	4.93	0	0	0
30	SLV 4	0.77	-0.21	4.92	0	0	0
30	SLV 5	0.31	0.19	5.33	0	0	0
30	SLV 6	0.32	0.22	5.33	0	0	0
30	SLV 7	0.18	-0.5	5.09	0	0	0
30	SLV 8	0.2	-0.47	5.08	0	0	0
30	SLV 9	-0.15	0.18	5.54	0	0	0
30	SLV 10	-0.13	0.21	5.54	0	0	0
30	SLV 11	-0.27	-0.51	5.3	0	0	0
30	SLV 12	-0.26	-0.48	5.29	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
30	SLV 13	-0.72	-0.08	5.7	0	0	0
30	SLV 14	-0.7	-0.04	5.69	0	0	0
30	SLV 15	-0.76	-0.29	5.63	0	0	0
30	SLV 16	-0.73	-0.24	5.62	0	0	0
31	SLU 1	0.05	-0.32	10.18	0	0	0
31	SLU 2	0.05	-0.31	10.2	0	0	0
31	SLU 3	0.05	-0.32	10.41	0	0	0
31	SLU 4	0.05	-0.32	10.42	0	0	0
31	SLU 5	0.05	-0.31	10.33	0	0	0
31	SLU 6	0.04	-0.32	10.54	0	0	0
31	SLU 7	0.04	-0.32	10.55	0	0	0
31	SLU 8	0.04	-0.32	10.44	0	0	0
31	SLU 9	0.04	-0.31	10.45	0	0	0
31	SLU 10	0.03	-0.32	11.44	0	0	0
31	SLU 11	0.03	-0.33	11.66	0	0	0
31	SLU 12	0.03	-0.33	11.66	0	0	0
31	SLU 13	0.03	-0.32	11.57	0	0	0
31	SLU 14	0.02	-0.33	11.79	0	0	0
31	SLU 15	0.02	-0.33	11.79	0	0	0
31	SLU 16	0.02	-0.33	11.69	0	0	0
31	SLU 17	0.02	-0.33	11.7	0	0	0
31	SLU 18	0.03	-0.34	11.96	0	0	0
31	SLU 19	0.03	-0.33	11.97	0	0	0
31	SLU 20	0.02	-0.34	12.09	0	0	0
31	SLU 21	0.02	-0.33	12.1	0	0	0
31	SLU 22	0.06	-0.31	11.31	0	0	0
31	SLU 23	0.06	-0.3	11.32	0	0	0
31	SLU 24	0.05	-0.31	11.53	0	0	0
31	SLU 25	0.05	-0.31	11.54	0	0	0
31	SLU 26	0.05	-0.3	11.45	0	0	0
31	SLU 27	0.05	-0.31	11.66	0	0	0
31	SLU 28	0.05	-0.31	11.67	0	0	0
31	SLU 29	0.05	-0.31	11.57	0	0	0
31	SLU 30	0.05	-0.31	11.57	0	0	0
31	SLU 31	0.04	-0.32	12.57	0	0	0
31	SLU 32	0.03	-0.32	12.78	0	0	0
31	SLU 33	0.03	-0.32	12.79	0	0	0
31	SLU 34	0.03	-0.32	12.69	0	0	0
31	SLU 35	0.03	-0.32	12.91	0	0	0
31	SLU 36	0.03	-0.32	12.92	0	0	0
31	SLU 37	0.03	-0.32	12.81	0	0	0
31	SLU 38	0.03	-0.32	12.82	0	0	0
31	SLU 39	0.03	-0.33	13.09	0	0	0
31	SLU 40	0.03	-0.32	13.09	0	0	0
31	SLU 41	0.02	-0.33	13.22	0	0	0
31	SLU 42	0.02	-0.32	13.22	0	0	0
31	SLU 43	0.07	-0.42	12.85	0	0	0
31	SLU 44	0.07	-0.41	12.87	0	0	0
31	SLU 45	0.07	-0.42	13.08	0	0	0
31	SLU 46	0.06	-0.41	13.09	0	0	0
31	SLU 47	0.06	-0.41	13	0	0	0
31	SLU 48	0.06	-0.42	13.21	0	0	0
31	SLU 49	0.06	-0.41	13.22	0	0	0
31	SLU 50	0.06	-0.42	13.11	0	0	0
31	SLU 51	0.06	-0.41	13.12	0	0	0
31	SLU 52	0.05	-0.42	14.11	0	0	0
31	SLU 53	0.05	-0.43	14.33	0	0	0
31	SLU 54	0.05	-0.43	14.33	0	0	0
31	SLU 55	0.04	-0.42	14.24	0	0	0
31	SLU 56	0.04	-0.43	14.46	0	0	0
31	SLU 57	0.04	-0.43	14.46	0	0	0
31	SLU 58	0.04	-0.43	14.36	0	0	0
31	SLU 59	0.04	-0.42	14.37	0	0	0
31	SLU 60	0.04	-0.43	14.63	0	0	0
31	SLU 61	0.04	-0.43	14.64	0	0	0
31	SLU 62	0.04	-0.43	14.76	0	0	0
31	SLU 63	0.04	-0.43	14.77	0	0	0
31	SLU 64	0.07	-0.41	13.98	0	0	0
31	SLU 65	0.07	-0.4	13.99	0	0	0
31	SLU 66	0.07	-0.41	14.2	0	0	0
31	SLU 67	0.07	-0.41	14.21	0	0	0
31	SLU 68	0.07	-0.4	14.12	0	0	0
31	SLU 69	0.06	-0.41	14.33	0	0	0
31	SLU 70	0.06	-0.41	14.34	0	0	0
31	SLU 71	0.06	-0.41	14.24	0	0	0
31	SLU 72	0.06	-0.4	14.24	0	0	0
31	SLU 73	0.05	-0.41	15.24	0	0	0
31	SLU 74	0.05	-0.42	15.45	0	0	0
31	SLU 75	0.05	-0.42	15.46	0	0	0
31	SLU 76	0.05	-0.41	15.37	0	0	0
31	SLU 77	0.04	-0.42	15.58	0	0	0
31	SLU 78	0.04	-0.42	15.59	0	0	0
31	SLU 79	0.04	-0.42	15.48	0	0	0
31	SLU 80	0.04	-0.42	15.49	0	0	0
31	SLU 81	0.04	-0.43	15.76	0	0	0
31	SLU 82	0.04	-0.42	15.76	0	0	0
31	SLU 83	0.04	-0.43	15.89	0	0	0
31	SLU 84	0.04	-0.42	15.89	0	0	0
31	SLE RA 1	0.05	-0.32	10.51	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
31	SLE RA 2	0.05	-0.31	10.51	0	0	0
31	SLE RA 3	0.05	-0.32	10.66	0	0	0
31	SLE RA 4	0.05	-0.31	10.66	0	0	0
31	SLE RA 5	0.05	-0.31	10.6	0	0	0
31	SLE RA 6	0.05	-0.32	10.74	0	0	0
31	SLE RA 7	0.05	-0.31	10.75	0	0	0
31	SLE RA 8	0.05	-0.32	10.68	0	0	0
31	SLE RA 9	0.05	-0.31	10.68	0	0	0
31	SLE RA 10	0.04	-0.32	11.34	0	0	0
31	SLE RA 11	0.04	-0.33	11.49	0	0	0
31	SLE RA 12	0.04	-0.32	11.49	0	0	0
31	SLE RA 13	0.04	-0.32	11.43	0	0	0
31	SLE RA 14	0.04	-0.33	11.57	0	0	0
31	SLE RA 15	0.04	-0.32	11.58	0	0	0
31	SLE RA 16	0.03	-0.32	11.51	0	0	0
31	SLE RA 17	0.03	-0.32	11.51	0	0	0
31	SLE RA 18	0.04	-0.33	11.69	0	0	0
31	SLE RA 19	0.04	-0.33	11.7	0	0	0
31	SLE RA 20	0.03	-0.33	11.78	0	0	0
31	SLE RA 21	0.03	-0.33	11.78	0	0	0
31	SLE FR 1	0.05	-0.32	10.51	0	0	0
31	SLE FR 2	0.05	-0.32	10.51	0	0	0
31	SLE FR 3	0.05	-0.32	10.54	0	0	0
31	SLE FR 4	0.05	-0.32	10.86	0	0	0
31	SLE FR 5	0.05	-0.32	10.9	0	0	0
31	SLE FR 6	0.05	-0.32	11.1	0	0	0
31	SLE QP 1	0.05	-0.32	10.51	0	0	0
31	SLE QP 2	0.05	-0.32	10.86	0	0	0
31	SLD 1	0.71	-0.25	10.68	0	0	0
31	SLD 2	0.73	-0.22	10.68	0	0	0
31	SLD 3	0.68	-0.44	10.65	0	0	0
31	SLD 4	0.7	-0.42	10.64	0	0	0
31	SLD 5	0.3	-0.02	10.86	0	0	0
31	SLD 6	0.31	0	10.86	0	0	0
31	SLD 7	0.18	-0.65	10.75	0	0	0
31	SLD 8	0.2	-0.63	10.74	0	0	0
31	SLD 9	-0.1	-0.01	10.98	0	0	0
31	SLD 10	-0.08	0.01	10.98	0	0	0
31	SLD 11	-0.21	-0.64	10.87	0	0	0
31	SLD 12	-0.2	-0.63	10.86	0	0	0
31	SLD 13	-0.6	-0.22	11.08	0	0	0
31	SLD 14	-0.58	-0.2	11.08	0	0	0
31	SLD 15	-0.63	-0.42	11.04	0	0	0
31	SLD 16	-0.61	-0.39	11.04	0	0	0
31	SLV 1	1.6	-0.17	10.43	0	0	0
31	SLV 2	1.65	-0.1	10.43	0	0	0
31	SLV 3	1.52	-0.6	10.36	0	0	0
31	SLV 4	1.57	-0.54	10.35	0	0	0
31	SLV 5	0.62	0.37	10.85	0	0	0
31	SLV 6	0.65	0.41	10.85	0	0	0
31	SLV 7	0.37	-1.07	10.59	0	0	0
31	SLV 8	0.4	-1.03	10.59	0	0	0
31	SLV 9	-0.3	0.39	11.13	0	0	0
31	SLV 10	-0.27	0.43	11.13	0	0	0
31	SLV 11	-0.55	-1.05	10.87	0	0	0
31	SLV 12	-0.53	-1.01	10.87	0	0	0
31	SLV 13	-1.47	-0.1	11.37	0	0	0
31	SLV 14	-1.43	-0.04	11.36	0	0	0
31	SLV 15	-1.55	-0.54	11.29	0	0	0
31	SLV 16	-1.5	-0.47	11.29	0	0	0
32	SLU 1	0.03	-0.23	6.22	0	0	0
32	SLU 2	0.03	-0.23	6.23	0	0	0
32	SLU 3	0.03	-0.23	6.37	0	0	0
32	SLU 4	0.03	-0.23	6.37	0	0	0
32	SLU 5	0.03	-0.23	6.31	0	0	0
32	SLU 6	0.03	-0.23	6.45	0	0	0
32	SLU 7	0.03	-0.23	6.46	0	0	0
32	SLU 8	0.03	-0.23	6.4	0	0	0
32	SLU 9	0.03	-0.23	6.4	0	0	0
32	SLU 10	0.02	-0.24	7.02	0	0	0
32	SLU 11	0.02	-0.24	7.16	0	0	0
32	SLU 12	0.02	-0.24	7.17	0	0	0
32	SLU 13	0.02	-0.24	7.11	0	0	0
32	SLU 14	0.01	-0.25	7.25	0	0	0
32	SLU 15	0.01	-0.24	7.26	0	0	0
32	SLU 16	0.01	-0.24	7.19	0	0	0
32	SLU 17	0.01	-0.24	7.2	0	0	0
32	SLU 18	0.02	-0.25	7.36	0	0	0
32	SLU 19	0.02	-0.25	7.36	0	0	0
32	SLU 20	0.01	-0.25	7.45	0	0	0
32	SLU 21	0.01	-0.25	7.45	0	0	0
32	SLU 22	0.03	-0.23	6.91	0	0	0
32	SLU 23	0.03	-0.23	6.92	0	0	0
32	SLU 24	0.03	-0.23	7.06	0	0	0
32	SLU 25	0.03	-0.23	7.06	0	0	0
32	SLU 26	0.03	-0.23	7.01	0	0	0
32	SLU 27	0.03	-0.23	7.15	0	0	0
32	SLU 28	0.03	-0.23	7.15	0	0	0
32	SLU 29	0.03	-0.23	7.09	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
32	SLU 30	0.03	-0.23	7.09	0	0	0
32	SLU 31	0.02	-0.24	7.72	0	0	0
32	SLU 32	0.02	-0.24	7.86	0	0	0
32	SLU 33	0.02	-0.24	7.86	0	0	0
32	SLU 34	0.02	-0.24	7.81	0	0	0
32	SLU 35	0.02	-0.24	7.95	0	0	0
32	SLU 36	0.02	-0.24	7.95	0	0	0
32	SLU 37	0.02	-0.24	7.89	0	0	0
32	SLU 38	0.02	-0.24	7.89	0	0	0
32	SLU 39	0.02	-0.25	8.05	0	0	0
32	SLU 40	0.02	-0.24	8.06	0	0	0
32	SLU 41	0.01	-0.25	8.14	0	0	0
32	SLU 42	0.01	-0.24	8.14	0	0	0
32	SLU 43	0.04	-0.3	7.85	0	0	0
32	SLU 44	0.04	-0.3	7.85	0	0	0
32	SLU 45	0.04	-0.3	7.99	0	0	0
32	SLU 46	0.04	-0.3	8	0	0	0
32	SLU 47	0.04	-0.3	7.94	0	0	0
32	SLU 48	0.04	-0.3	8.08	0	0	0
32	SLU 49	0.04	-0.3	8.09	0	0	0
32	SLU 50	0.03	-0.3	8.02	0	0	0
32	SLU 51	0.03	-0.3	8.03	0	0	0
32	SLU 52	0.03	-0.31	8.65	0	0	0
32	SLU 53	0.03	-0.31	8.79	0	0	0
32	SLU 54	0.03	-0.31	8.8	0	0	0
32	SLU 55	0.03	-0.31	8.74	0	0	0
32	SLU 56	0.02	-0.32	8.88	0	0	0
32	SLU 57	0.02	-0.31	8.89	0	0	0
32	SLU 58	0.02	-0.31	8.82	0	0	0
32	SLU 59	0.02	-0.31	8.83	0	0	0
32	SLU 60	0.02	-0.32	8.99	0	0	0
32	SLU 61	0.02	-0.32	8.99	0	0	0
32	SLU 62	0.02	-0.32	9.08	0	0	0
32	SLU 63	0.02	-0.32	9.08	0	0	0
32	SLU 64	0.04	-0.3	8.54	0	0	0
32	SLU 65	0.04	-0.3	8.55	0	0	0
32	SLU 66	0.04	-0.3	8.69	0	0	0
32	SLU 67	0.04	-0.3	8.69	0	0	0
32	SLU 68	0.04	-0.3	8.64	0	0	0
32	SLU 69	0.04	-0.3	8.78	0	0	0
32	SLU 70	0.04	-0.3	8.78	0	0	0
32	SLU 71	0.04	-0.3	8.72	0	0	0
32	SLU 72	0.04	-0.3	8.72	0	0	0
32	SLU 73	0.03	-0.31	9.35	0	0	0
32	SLU 74	0.03	-0.31	9.49	0	0	0
32	SLU 75	0.03	-0.31	9.49	0	0	0
32	SLU 76	0.03	-0.31	9.43	0	0	0
32	SLU 77	0.03	-0.31	9.57	0	0	0
32	SLU 78	0.03	-0.31	9.58	0	0	0
32	SLU 79	0.02	-0.31	9.51	0	0	0
32	SLU 80	0.02	-0.31	9.52	0	0	0
32	SLU 81	0.03	-0.32	9.68	0	0	0
32	SLU 82	0.03	-0.31	9.69	0	0	0
32	SLU 83	0.02	-0.32	9.77	0	0	0
32	SLU 84	0.02	-0.31	9.77	0	0	0
32	SLE RA 1	0.03	-0.23	6.42	0	0	0
32	SLE RA 2	0.03	-0.23	6.42	0	0	0
32	SLE RA 3	0.03	-0.23	6.52	0	0	0
32	SLE RA 4	0.03	-0.23	6.52	0	0	0
32	SLE RA 5	0.03	-0.23	6.48	0	0	0
32	SLE RA 6	0.03	-0.23	6.57	0	0	0
32	SLE RA 7	0.03	-0.23	6.58	0	0	0
32	SLE RA 8	0.03	-0.23	6.53	0	0	0
32	SLE RA 9	0.03	-0.23	6.54	0	0	0
32	SLE RA 10	0.02	-0.24	6.95	0	0	0
32	SLE RA 11	0.02	-0.24	7.05	0	0	0
32	SLE RA 12	0.02	-0.24	7.05	0	0	0
32	SLE RA 13	0.02	-0.24	7.01	0	0	0
32	SLE RA 14	0.02	-0.24	7.11	0	0	0
32	SLE RA 15	0.02	-0.24	7.11	0	0	0
32	SLE RA 16	0.02	-0.24	7.07	0	0	0
32	SLE RA 17	0.02	-0.24	7.07	0	0	0
32	SLE RA 18	0.02	-0.24	7.18	0	0	0
32	SLE RA 19	0.02	-0.24	7.18	0	0	0
32	SLE RA 20	0.02	-0.24	7.24	0	0	0
32	SLE RA 21	0.02	-0.24	7.24	0	0	0
32	SLE FR 1	0.03	-0.23	6.42	0	0	0
32	SLE FR 2	0.03	-0.23	6.42	0	0	0
32	SLE FR 3	0.03	-0.23	6.44	0	0	0
32	SLE FR 4	0.03	-0.23	6.65	0	0	0
32	SLE FR 5	0.03	-0.23	6.67	0	0	0
32	SLE FR 6	0.03	-0.24	6.8	0	0	0
32	SLE QP 1	0.03	-0.23	6.42	0	0	0
32	SLE QP 2	0.03	-0.23	6.65	0	0	0
32	SLD 1	0.43	-0.18	6.69	0	0	0
32	SLD 2	0.45	-0.18	6.69	0	0	0
32	SLD 3	0.41	-0.31	6.66	0	0	0
32	SLD 4	0.43	-0.3	6.67	0	0	0
32	SLD 5	0.18	-0.03	6.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
32	SLD 6	0.19	-0.03	6.7	0	0	0
32	SLD 7	0.11	-0.44	6.61	0	0	0
32	SLD 8	0.12	-0.44	6.62	0	0	0
32	SLD 9	-0.06	-0.03	6.67	0	0	0
32	SLD 10	-0.05	-0.03	6.68	0	0	0
32	SLD 11	-0.13	-0.44	6.59	0	0	0
32	SLD 12	-0.12	-0.43	6.6	0	0	0
32	SLD 13	-0.37	-0.17	6.62	0	0	0
32	SLD 14	-0.36	-0.16	6.63	0	0	0
32	SLD 15	-0.39	-0.29	6.6	0	0	0
32	SLD 16	-0.38	-0.28	6.6	0	0	0
32	SLV 1	0.98	-0.12	6.74	0	0	0
32	SLV 2	1	-0.11	6.76	0	0	0
32	SLV 3	0.93	-0.4	6.69	0	0	0
32	SLV 4	0.96	-0.39	6.7	0	0	0
32	SLV 5	0.38	0.22	6.75	0	0	0
32	SLV 6	0.4	0.23	6.76	0	0	0
32	SLV 7	0.22	-0.71	6.57	0	0	0
32	SLV 8	0.24	-0.7	6.58	0	0	0
32	SLV 9	-0.18	0.23	6.71	0	0	0
32	SLV 10	-0.16	0.24	6.72	0	0	0
32	SLV 11	-0.34	-0.7	6.53	0	0	0
32	SLV 12	-0.32	-0.69	6.54	0	0	0
32	SLV 13	-0.9	-0.08	6.59	0	0	0
32	SLV 14	-0.87	-0.07	6.6	0	0	0
32	SLV 15	-0.95	-0.36	6.53	0	0	0
32	SLV 16	-0.92	-0.35	6.55	0	0	0
33	SLU 1	0.06	-0.45	12.48	0	0	0
33	SLU 2	0.06	-0.44	12.49	0	0	0
33	SLU 3	0.06	-0.45	12.77	0	0	0
33	SLU 4	0.06	-0.44	12.78	0	0	0
33	SLU 5	0.06	-0.44	12.67	0	0	0
33	SLU 6	0.05	-0.45	12.94	0	0	0
33	SLU 7	0.05	-0.44	12.95	0	0	0
33	SLU 8	0.05	-0.45	12.83	0	0	0
33	SLU 9	0.05	-0.44	12.83	0	0	0
33	SLU 10	0.04	-0.46	14.08	0	0	0
33	SLU 11	0.04	-0.47	14.36	0	0	0
33	SLU 12	0.04	-0.47	14.36	0	0	0
33	SLU 13	0.03	-0.46	14.25	0	0	0
33	SLU 14	0.03	-0.47	14.53	0	0	0
33	SLU 15	0.03	-0.47	14.54	0	0	0
33	SLU 16	0.03	-0.47	14.41	0	0	0
33	SLU 17	0.03	-0.46	14.42	0	0	0
33	SLU 18	0.03	-0.48	14.74	0	0	0
33	SLU 19	0.03	-0.47	14.75	0	0	0
33	SLU 20	0.02	-0.48	14.92	0	0	0
33	SLU 21	0.02	-0.47	14.92	0	0	0
33	SLU 22	0.07	-0.44	13.87	0	0	0
33	SLU 23	0.07	-0.43	13.88	0	0	0
33	SLU 24	0.06	-0.45	14.16	0	0	0
33	SLU 25	0.06	-0.44	14.17	0	0	0
33	SLU 26	0.06	-0.43	14.05	0	0	0
33	SLU 27	0.06	-0.45	14.33	0	0	0
33	SLU 28	0.06	-0.44	14.34	0	0	0
33	SLU 29	0.05	-0.44	14.21	0	0	0
33	SLU 30	0.05	-0.44	14.22	0	0	0
33	SLU 31	0.04	-0.45	15.47	0	0	0
33	SLU 32	0.04	-0.47	15.74	0	0	0
33	SLU 33	0.04	-0.46	15.75	0	0	0
33	SLU 34	0.04	-0.46	15.64	0	0	0
33	SLU 35	0.03	-0.47	15.92	0	0	0
33	SLU 36	0.03	-0.46	15.92	0	0	0
33	SLU 37	0.03	-0.46	15.8	0	0	0
33	SLU 38	0.03	-0.46	15.81	0	0	0
33	SLU 39	0.03	-0.47	16.13	0	0	0
33	SLU 40	0.03	-0.47	16.14	0	0	0
33	SLU 41	0.03	-0.47	16.3	0	0	0
33	SLU 42	0.03	-0.47	16.31	0	0	0
33	SLU 43	0.08	-0.58	15.75	0	0	0
33	SLU 44	0.08	-0.57	15.76	0	0	0
33	SLU 45	0.08	-0.59	16.04	0	0	0
33	SLU 46	0.08	-0.58	16.05	0	0	0
33	SLU 47	0.08	-0.57	15.94	0	0	0
33	SLU 48	0.07	-0.59	16.21	0	0	0
33	SLU 49	0.07	-0.58	16.22	0	0	0
33	SLU 50	0.07	-0.58	16.09	0	0	0
33	SLU 51	0.07	-0.58	16.1	0	0	0
33	SLU 52	0.06	-0.6	17.35	0	0	0
33	SLU 53	0.05	-0.61	17.62	0	0	0
33	SLU 54	0.05	-0.6	17.63	0	0	0
33	SLU 55	0.05	-0.6	17.52	0	0	0
33	SLU 56	0.05	-0.61	17.8	0	0	0
33	SLU 57	0.05	-0.6	17.81	0	0	0
33	SLU 58	0.05	-0.61	17.68	0	0	0
33	SLU 59	0.05	-0.6	17.69	0	0	0
33	SLU 60	0.05	-0.61	18.01	0	0	0
33	SLU 61	0.05	-0.61	18.02	0	0	0
33	SLU 62	0.04	-0.61	18.18	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
33	SLU 63	0.04	-0.61	18.19	0	0	0
33	SLU 64	0.09	-0.58	17.14	0	0	0
33	SLU 65	0.09	-0.57	17.15	0	0	0
33	SLU 66	0.08	-0.58	17.43	0	0	0
33	SLU 67	0.08	-0.58	17.44	0	0	0
33	SLU 68	0.08	-0.57	17.32	0	0	0
33	SLU 69	0.07	-0.58	17.6	0	0	0
33	SLU 70	0.07	-0.58	17.61	0	0	0
33	SLU 71	0.07	-0.58	17.48	0	0	0
33	SLU 72	0.07	-0.57	17.49	0	0	0
33	SLU 73	0.06	-0.59	18.73	0	0	0
33	SLU 74	0.06	-0.6	19.01	0	0	0
33	SLU 75	0.06	-0.6	19.02	0	0	0
33	SLU 76	0.06	-0.59	18.91	0	0	0
33	SLU 77	0.05	-0.6	19.18	0	0	0
33	SLU 78	0.05	-0.6	19.19	0	0	0
33	SLU 79	0.05	-0.6	19.07	0	0	0
33	SLU 80	0.05	-0.59	19.07	0	0	0
33	SLU 81	0.05	-0.61	19.4	0	0	0
33	SLU 82	0.05	-0.6	19.41	0	0	0
33	SLU 83	0.05	-0.61	19.57	0	0	0
33	SLU 84	0.05	-0.6	19.58	0	0	0
33	SLE RA 1	0.07	-0.45	12.88	0	0	0
33	SLE RA 2	0.07	-0.44	12.89	0	0	0
33	SLE RA 3	0.06	-0.45	13.07	0	0	0
33	SLE RA 4	0.06	-0.44	13.08	0	0	0
33	SLE RA 5	0.06	-0.44	13	0	0	0
33	SLE RA 6	0.06	-0.45	13.19	0	0	0
33	SLE RA 7	0.06	-0.44	13.19	0	0	0
33	SLE RA 8	0.06	-0.45	13.11	0	0	0
33	SLE RA 9	0.06	-0.44	13.11	0	0	0
33	SLE RA 10	0.05	-0.45	13.94	0	0	0
33	SLE RA 11	0.05	-0.46	14.13	0	0	0
33	SLE RA 12	0.05	-0.46	14.13	0	0	0
33	SLE RA 13	0.05	-0.45	14.06	0	0	0
33	SLE RA 14	0.04	-0.46	14.24	0	0	0
33	SLE RA 15	0.04	-0.46	14.25	0	0	0
33	SLE RA 16	0.04	-0.46	14.16	0	0	0
33	SLE RA 17	0.04	-0.46	14.17	0	0	0
33	SLE RA 18	0.04	-0.47	14.39	0	0	0
33	SLE RA 19	0.04	-0.46	14.39	0	0	0
33	SLE RA 20	0.04	-0.47	14.5	0	0	0
33	SLE RA 21	0.04	-0.46	14.51	0	0	0
33	SLE FR 1	0.07	-0.45	12.88	0	0	0
33	SLE FR 2	0.07	-0.44	12.88	0	0	0
33	SLE FR 3	0.06	-0.45	12.92	0	0	0
33	SLE FR 4	0.06	-0.45	13.33	0	0	0
33	SLE FR 5	0.06	-0.45	13.38	0	0	0
33	SLE FR 6	0.05	-0.46	13.63	0	0	0
33	SLE QP 1	0.07	-0.45	12.88	0	0	0
33	SLE QP 2	0.06	-0.45	13.33	0	0	0
33	SLD 1	0.87	-0.35	13.28	0	0	0
33	SLD 2	0.9	-0.34	13.29	0	0	0
33	SLD 3	0.83	-0.6	13.25	0	0	0
33	SLD 4	0.85	-0.58	13.26	0	0	0
33	SLD 5	0.36	-0.06	13.36	0	0	0
33	SLD 6	0.38	-0.05	13.36	0	0	0
33	SLD 7	0.22	-0.87	13.26	0	0	0
33	SLD 8	0.24	-0.86	13.27	0	0	0
33	SLD 9	-0.12	-0.05	13.39	0	0	0
33	SLD 10	-0.1	-0.04	13.4	0	0	0
33	SLD 11	-0.26	-0.86	13.3	0	0	0
33	SLD 12	-0.24	-0.85	13.3	0	0	0
33	SLD 13	-0.74	-0.32	13.4	0	0	0
33	SLD 14	-0.71	-0.31	13.41	0	0	0
33	SLD 15	-0.78	-0.56	13.37	0	0	0
33	SLD 16	-0.75	-0.55	13.38	0	0	0
33	SLV 1	1.96	-0.23	13.21	0	0	0
33	SLV 2	2.01	-0.2	13.24	0	0	0
33	SLV 3	1.87	-0.78	13.15	0	0	0
33	SLV 4	1.92	-0.75	13.17	0	0	0
33	SLV 5	0.76	0.44	13.39	0	0	0
33	SLV 6	0.8	0.47	13.4	0	0	0
33	SLV 7	0.45	-1.4	13.17	0	0	0
33	SLV 8	0.48	-1.37	13.19	0	0	0
33	SLV 9	-0.36	0.47	13.47	0	0	0
33	SLV 10	-0.33	0.49	13.49	0	0	0
33	SLV 11	-0.68	-1.37	13.25	0	0	0
33	SLV 12	-0.65	-1.35	13.27	0	0	0
33	SLV 13	-1.8	-0.15	13.49	0	0	0
33	SLV 14	-1.75	-0.12	13.51	0	0	0
33	SLV 15	-1.9	-0.71	13.42	0	0	0
33	SLV 16	-1.84	-0.67	13.45	0	0	0
34	SLU 1	0.07	-0.44	12.83	0	0	0
34	SLU 2	0.07	-0.43	12.85	0	0	0
34	SLU 3	0.06	-0.44	13.13	0	0	0
34	SLU 4	0.06	-0.44	13.14	0	0	0
34	SLU 5	0.06	-0.43	13.02	0	0	0
34	SLU 6	0.05	-0.44	13.3	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
34	SLU 7	0.05	-0.44	13.31	0	0	0
34	SLU 8	0.05	-0.44	13.18	0	0	0
34	SLU 9	0.05	-0.44	13.19	0	0	0
34	SLU 10	0.04	-0.45	14.46	0	0	0
34	SLU 11	0.04	-0.46	14.74	0	0	0
34	SLU 12	0.04	-0.46	14.75	0	0	0
34	SLU 13	0.03	-0.45	14.63	0	0	0
34	SLU 14	0.03	-0.46	14.91	0	0	0
34	SLU 15	0.03	-0.46	14.92	0	0	0
34	SLU 16	0.03	-0.46	14.79	0	0	0
34	SLU 17	0.03	-0.46	14.8	0	0	0
34	SLU 18	0.03	-0.47	15.13	0	0	0
34	SLU 19	0.03	-0.47	15.14	0	0	0
34	SLU 20	0.02	-0.47	15.31	0	0	0
34	SLU 21	0.02	-0.47	15.31	0	0	0
34	SLU 22	0.07	-0.44	14.26	0	0	0
34	SLU 23	0.07	-0.43	14.27	0	0	0
34	SLU 24	0.06	-0.44	14.55	0	0	0
34	SLU 25	0.06	-0.43	14.56	0	0	0
34	SLU 26	0.06	-0.43	14.44	0	0	0
34	SLU 27	0.06	-0.44	14.72	0	0	0
34	SLU 28	0.06	-0.43	14.73	0	0	0
34	SLU 29	0.06	-0.44	14.6	0	0	0
34	SLU 30	0.05	-0.43	14.61	0	0	0
34	SLU 31	0.04	-0.45	15.88	0	0	0
34	SLU 32	0.04	-0.46	16.16	0	0	0
34	SLU 33	0.04	-0.45	16.17	0	0	0
34	SLU 34	0.04	-0.45	16.05	0	0	0
34	SLU 35	0.03	-0.46	16.34	0	0	0
34	SLU 36	0.03	-0.45	16.34	0	0	0
34	SLU 37	0.03	-0.46	16.21	0	0	0
34	SLU 38	0.03	-0.45	16.22	0	0	0
34	SLU 39	0.03	-0.46	16.56	0	0	0
34	SLU 40	0.03	-0.46	16.57	0	0	0
34	SLU 41	0.03	-0.46	16.73	0	0	0
34	SLU 42	0.03	-0.46	16.74	0	0	0
34	SLU 43	0.08	-0.58	16.19	0	0	0
34	SLU 44	0.08	-0.57	16.21	0	0	0
34	SLU 45	0.08	-0.58	16.49	0	0	0
34	SLU 46	0.08	-0.57	16.5	0	0	0
34	SLU 47	0.08	-0.57	16.38	0	0	0
34	SLU 48	0.07	-0.58	16.66	0	0	0
34	SLU 49	0.07	-0.57	16.67	0	0	0
34	SLU 50	0.07	-0.58	16.54	0	0	0
34	SLU 51	0.07	-0.57	16.55	0	0	0
34	SLU 52	0.06	-0.59	17.82	0	0	0
34	SLU 53	0.05	-0.6	18.1	0	0	0
34	SLU 54	0.05	-0.59	18.11	0	0	0
34	SLU 55	0.05	-0.59	17.99	0	0	0
34	SLU 56	0.05	-0.6	18.27	0	0	0
34	SLU 57	0.05	-0.59	18.28	0	0	0
34	SLU 58	0.05	-0.6	18.15	0	0	0
34	SLU 59	0.05	-0.59	18.16	0	0	0
34	SLU 60	0.05	-0.61	18.49	0	0	0
34	SLU 61	0.05	-0.6	18.5	0	0	0
34	SLU 62	0.04	-0.61	18.67	0	0	0
34	SLU 63	0.04	-0.6	18.68	0	0	0
34	SLU 64	0.09	-0.57	17.62	0	0	0
34	SLU 65	0.09	-0.56	17.63	0	0	0
34	SLU 66	0.08	-0.57	17.91	0	0	0
34	SLU 67	0.08	-0.57	17.92	0	0	0
34	SLU 68	0.08	-0.56	17.81	0	0	0
34	SLU 69	0.08	-0.57	18.09	0	0	0
34	SLU 70	0.08	-0.57	18.09	0	0	0
34	SLU 71	0.07	-0.57	17.96	0	0	0
34	SLU 72	0.07	-0.56	17.97	0	0	0
34	SLU 73	0.06	-0.58	19.24	0	0	0
34	SLU 74	0.06	-0.59	19.52	0	0	0
34	SLU 75	0.06	-0.59	19.53	0	0	0
34	SLU 76	0.06	-0.58	19.42	0	0	0
34	SLU 77	0.05	-0.59	19.7	0	0	0
34	SLU 78	0.05	-0.59	19.71	0	0	0
34	SLU 79	0.05	-0.59	19.57	0	0	0
34	SLU 80	0.05	-0.59	19.58	0	0	0
34	SLU 81	0.05	-0.6	19.92	0	0	0
34	SLU 82	0.05	-0.59	19.93	0	0	0
34	SLU 83	0.05	-0.6	20.09	0	0	0
34	SLU 84	0.05	-0.59	20.1	0	0	0
34	SLE RA 1	0.07	-0.44	13.24	0	0	0
34	SLE RA 2	0.07	-0.43	13.25	0	0	0
34	SLE RA 3	0.06	-0.44	13.44	0	0	0
34	SLE RA 4	0.06	-0.44	13.44	0	0	0
34	SLE RA 5	0.06	-0.43	13.36	0	0	0
34	SLE RA 6	0.06	-0.44	13.55	0	0	0
34	SLE RA 7	0.06	-0.44	13.56	0	0	0
34	SLE RA 8	0.06	-0.44	13.47	0	0	0
34	SLE RA 9	0.06	-0.44	13.48	0	0	0
34	SLE RA 10	0.05	-0.45	14.32	0	0	0
34	SLE RA 11	0.05	-0.46	14.51	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
34	SLE RA 12	0.05	-0.45	14.52	0	0	0
34	SLE RA 13	0.05	-0.45	14.44	0	0	0
34	SLE RA 14	0.04	-0.46	14.62	0	0	0
34	SLE RA 15	0.04	-0.45	14.63	0	0	0
34	SLE RA 16	0.04	-0.45	14.54	0	0	0
34	SLE RA 17	0.04	-0.45	14.55	0	0	0
34	SLE RA 18	0.04	-0.46	14.77	0	0	0
34	SLE RA 19	0.04	-0.46	14.78	0	0	0
34	SLE RA 20	0.04	-0.46	14.89	0	0	0
34	SLE RA 21	0.04	-0.46	14.89	0	0	0
34	SLE FR 1	0.07	-0.44	13.24	0	0	0
34	SLE FR 2	0.07	-0.44	13.24	0	0	0
34	SLE FR 3	0.06	-0.44	13.28	0	0	0
34	SLE FR 4	0.06	-0.44	13.7	0	0	0
34	SLE FR 5	0.06	-0.45	13.75	0	0	0
34	SLE FR 6	0.06	-0.45	14.01	0	0	0
34	SLE QP 1	0.07	-0.44	13.24	0	0	0
34	SLE QP 2	0.06	-0.45	13.7	0	0	0
34	SLD 1	0.9	-0.35	13.59	0	0	0
34	SLD 2	0.92	-0.33	13.6	0	0	0
34	SLD 3	0.86	-0.6	13.58	0	0	0
34	SLD 4	0.88	-0.58	13.58	0	0	0
34	SLD 5	0.37	-0.05	13.69	0	0	0
34	SLD 6	0.39	-0.03	13.69	0	0	0
34	SLD 7	0.23	-0.87	13.64	0	0	0
34	SLD 8	0.24	-0.86	13.64	0	0	0
34	SLD 9	-0.12	-0.04	13.76	0	0	0
34	SLD 10	-0.11	-0.02	13.76	0	0	0
34	SLD 11	-0.27	-0.86	13.7	0	0	0
34	SLD 12	-0.25	-0.85	13.71	0	0	0
34	SLD 13	-0.76	-0.32	13.82	0	0	0
34	SLD 14	-0.74	-0.29	13.82	0	0	0
34	SLD 15	-0.8	-0.56	13.8	0	0	0
34	SLD 16	-0.78	-0.54	13.81	0	0	0
34	SLV 1	2.02	-0.23	13.45	0	0	0
34	SLV 2	2.08	-0.18	13.46	0	0	0
34	SLV 3	1.92	-0.79	13.41	0	0	0
34	SLV 4	1.98	-0.74	13.42	0	0	0
34	SLV 5	0.79	0.46	13.68	0	0	0
34	SLV 6	0.82	0.5	13.68	0	0	0
34	SLV 7	0.46	-1.41	13.55	0	0	0
34	SLV 8	0.5	-1.38	13.56	0	0	0
34	SLV 9	-0.38	0.49	13.83	0	0	0
34	SLV 10	-0.34	0.52	13.84	0	0	0
34	SLV 11	-0.7	-1.39	13.71	0	0	0
34	SLV 12	-0.67	-1.35	13.72	0	0	0
34	SLV 13	-1.86	-0.15	13.97	0	0	0
34	SLV 14	-1.8	-0.1	13.99	0	0	0
34	SLV 15	-1.96	-0.71	13.94	0	0	0
34	SLV 16	-1.9	-0.66	13.95	0	0	0
35	SLU 1	0.06	-0.43	12.95	0	0	0
35	SLU 2	0.06	-0.42	12.97	0	0	0
35	SLU 3	0.06	-0.43	13.25	0	0	0
35	SLU 4	0.06	-0.42	13.26	0	0	0
35	SLU 5	0.06	-0.42	13.14	0	0	0
35	SLU 6	0.05	-0.43	13.42	0	0	0
35	SLU 7	0.05	-0.42	13.43	0	0	0
35	SLU 8	0.05	-0.43	13.29	0	0	0
35	SLU 9	0.05	-0.42	13.3	0	0	0
35	SLU 10	0.04	-0.44	14.57	0	0	0
35	SLU 11	0.03	-0.45	14.85	0	0	0
35	SLU 12	0.03	-0.44	14.86	0	0	0
35	SLU 13	0.03	-0.44	14.74	0	0	0
35	SLU 14	0.03	-0.45	15.02	0	0	0
35	SLU 15	0.03	-0.44	15.03	0	0	0
35	SLU 16	0.02	-0.44	14.9	0	0	0
35	SLU 17	0.02	-0.44	14.91	0	0	0
35	SLU 18	0.03	-0.45	15.25	0	0	0
35	SLU 19	0.03	-0.45	15.26	0	0	0
35	SLU 20	0.02	-0.45	15.42	0	0	0
35	SLU 21	0.02	-0.45	15.43	0	0	0
35	SLU 22	0.07	-0.42	14.39	0	0	0
35	SLU 23	0.07	-0.41	14.4	0	0	0
35	SLU 24	0.06	-0.42	14.68	0	0	0
35	SLU 25	0.06	-0.42	14.69	0	0	0
35	SLU 26	0.06	-0.41	14.57	0	0	0
35	SLU 27	0.05	-0.42	14.85	0	0	0
35	SLU 28	0.05	-0.42	14.86	0	0	0
35	SLU 29	0.05	-0.42	14.73	0	0	0
35	SLU 30	0.05	-0.41	14.74	0	0	0
35	SLU 31	0.04	-0.43	16.01	0	0	0
35	SLU 32	0.04	-0.44	16.29	0	0	0
35	SLU 33	0.04	-0.43	16.3	0	0	0
35	SLU 34	0.03	-0.43	16.18	0	0	0
35	SLU 35	0.03	-0.44	16.46	0	0	0
35	SLU 36	0.03	-0.43	16.47	0	0	0
35	SLU 37	0.03	-0.44	16.33	0	0	0
35	SLU 38	0.03	-0.43	16.34	0	0	0
35	SLU 39	0.03	-0.44	16.68	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
35	SLU 40	0.03	-0.44	16.69	0	0	0
35	SLU 41	0.02	-0.44	16.85	0	0	0
35	SLU 42	0.02	-0.44	16.86	0	0	0
35	SLU 43	0.08	-0.56	16.35	0	0	0
35	SLU 44	0.08	-0.55	16.36	0	0	0
35	SLU 45	0.08	-0.56	16.64	0	0	0
35	SLU 46	0.08	-0.55	16.65	0	0	0
35	SLU 47	0.08	-0.55	16.53	0	0	0
35	SLU 48	0.07	-0.56	16.81	0	0	0
35	SLU 49	0.07	-0.55	16.82	0	0	0
35	SLU 50	0.07	-0.56	16.69	0	0	0
35	SLU 51	0.07	-0.55	16.7	0	0	0
35	SLU 52	0.06	-0.57	17.97	0	0	0
35	SLU 53	0.05	-0.58	18.25	0	0	0
35	SLU 54	0.05	-0.57	18.26	0	0	0
35	SLU 55	0.05	-0.57	18.14	0	0	0
35	SLU 56	0.04	-0.58	18.42	0	0	0
35	SLU 57	0.04	-0.57	18.43	0	0	0
35	SLU 58	0.04	-0.58	18.29	0	0	0
35	SLU 59	0.04	-0.57	18.3	0	0	0
35	SLU 60	0.05	-0.58	18.64	0	0	0
35	SLU 61	0.05	-0.58	18.65	0	0	0
35	SLU 62	0.04	-0.58	18.81	0	0	0
35	SLU 63	0.04	-0.58	18.82	0	0	0
35	SLU 64	0.09	-0.55	17.78	0	0	0
35	SLU 65	0.09	-0.54	17.8	0	0	0
35	SLU 66	0.08	-0.55	18.08	0	0	0
35	SLU 67	0.08	-0.55	18.09	0	0	0
35	SLU 68	0.08	-0.54	17.97	0	0	0
35	SLU 69	0.07	-0.55	18.25	0	0	0
35	SLU 70	0.07	-0.55	18.26	0	0	0
35	SLU 71	0.07	-0.55	18.12	0	0	0
35	SLU 72	0.07	-0.54	18.13	0	0	0
35	SLU 73	0.06	-0.56	19.4	0	0	0
35	SLU 74	0.05	-0.57	19.68	0	0	0
35	SLU 75	0.05	-0.56	19.69	0	0	0
35	SLU 76	0.05	-0.56	19.57	0	0	0
35	SLU 77	0.05	-0.57	19.85	0	0	0
35	SLU 78	0.05	-0.56	19.86	0	0	0
35	SLU 79	0.05	-0.57	19.73	0	0	0
35	SLU 80	0.05	-0.56	19.74	0	0	0
35	SLU 81	0.05	-0.58	20.08	0	0	0
35	SLU 82	0.05	-0.57	20.09	0	0	0
35	SLU 83	0.04	-0.58	20.25	0	0	0
35	SLU 84	0.04	-0.57	20.26	0	0	0
35	SLE RA 1	0.07	-0.42	13.36	0	0	0
35	SLE RA 2	0.07	-0.42	13.37	0	0	0
35	SLE RA 3	0.06	-0.43	13.56	0	0	0
35	SLE RA 4	0.06	-0.42	13.56	0	0	0
35	SLE RA 5	0.06	-0.42	13.49	0	0	0
35	SLE RA 6	0.06	-0.43	13.67	0	0	0
35	SLE RA 7	0.06	-0.42	13.68	0	0	0
35	SLE RA 8	0.06	-0.42	13.59	0	0	0
35	SLE RA 9	0.06	-0.42	13.6	0	0	0
35	SLE RA 10	0.05	-0.43	14.44	0	0	0
35	SLE RA 11	0.04	-0.44	14.63	0	0	0
35	SLE RA 12	0.04	-0.43	14.64	0	0	0
35	SLE RA 13	0.04	-0.43	14.56	0	0	0
35	SLE RA 14	0.04	-0.44	14.74	0	0	0
35	SLE RA 15	0.04	-0.43	14.75	0	0	0
35	SLE RA 16	0.04	-0.44	14.66	0	0	0
35	SLE RA 17	0.04	-0.43	14.67	0	0	0
35	SLE RA 18	0.04	-0.44	14.89	0	0	0
35	SLE RA 19	0.04	-0.44	14.9	0	0	0
35	SLE RA 20	0.04	-0.44	15.01	0	0	0
35	SLE RA 21	0.04	-0.44	15.01	0	0	0
35	SLE FR 1	0.07	-0.42	13.36	0	0	0
35	SLE FR 2	0.07	-0.42	13.36	0	0	0
35	SLE FR 3	0.06	-0.42	13.41	0	0	0
35	SLE FR 4	0.06	-0.43	13.82	0	0	0
35	SLE FR 5	0.06	-0.43	13.87	0	0	0
35	SLE FR 6	0.05	-0.43	14.13	0	0	0
35	SLE QP 1	0.07	-0.42	13.36	0	0	0
35	SLE QP 2	0.06	-0.43	13.82	0	0	0
35	SLD 1	0.91	-0.34	13.64	0	0	0
35	SLD 2	0.93	-0.31	13.65	0	0	0
35	SLD 3	0.86	-0.59	13.63	0	0	0
35	SLD 4	0.89	-0.56	13.63	0	0	0
35	SLD 5	0.38	-0.03	13.8	0	0	0
35	SLD 6	0.39	-0.01	13.8	0	0	0
35	SLD 7	0.23	-0.86	13.74	0	0	0
35	SLD 8	0.24	-0.84	13.74	0	0	0
35	SLD 9	-0.13	-0.02	13.91	0	0	0
35	SLD 10	-0.11	0	13.91	0	0	0
35	SLD 11	-0.28	-0.85	13.85	0	0	0
35	SLD 12	-0.26	-0.83	13.85	0	0	0
35	SLD 13	-0.77	-0.3	14.02	0	0	0
35	SLD 14	-0.75	-0.27	14.02	0	0	0
35	SLD 15	-0.82	-0.55	14	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
35	SLD 16	-0.79	-0.52	14	0	0	0
35	SLV 1	2.05	-0.22	13.41	0	0	0
35	SLV 2	2.1	-0.15	13.41	0	0	0
35	SLV 3	1.95	-0.78	13.36	0	0	0
35	SLV 4	2	-0.72	13.37	0	0	0
35	SLV 5	0.8	0.47	13.76	0	0	0
35	SLV 6	0.83	0.52	13.76	0	0	0
35	SLV 7	0.46	-1.4	13.62	0	0	0
35	SLV 8	0.5	-1.36	13.62	0	0	0
35	SLV 9	-0.38	0.5	14.02	0	0	0
35	SLV 10	-0.35	0.54	14.02	0	0	0
35	SLV 11	-0.72	-1.38	13.88	0	0	0
35	SLV 12	-0.68	-1.33	13.88	0	0	0
35	SLV 13	-1.88	-0.14	14.28	0	0	0
35	SLV 14	-1.83	-0.08	14.28	0	0	0
35	SLV 15	-1.99	-0.71	14.23	0	0	0
35	SLV 16	-1.93	-0.64	14.24	0	0	0
36	SLU 1	0.04	-0.26	8.45	0	0	0
36	SLU 2	0.04	-0.25	8.46	0	0	0
36	SLU 3	0.03	-0.26	8.64	0	0	0
36	SLU 4	0.03	-0.26	8.65	0	0	0
36	SLU 5	0.03	-0.25	8.57	0	0	0
36	SLU 6	0.03	-0.26	8.75	0	0	0
36	SLU 7	0.03	-0.26	8.75	0	0	0
36	SLU 8	0.03	-0.26	8.67	0	0	0
36	SLU 9	0.03	-0.25	8.67	0	0	0
36	SLU 10	0.02	-0.26	9.49	0	0	0
36	SLU 11	0.02	-0.27	9.67	0	0	0
36	SLU 12	0.02	-0.27	9.68	0	0	0
36	SLU 13	0.01	-0.26	9.6	0	0	0
36	SLU 14	0.01	-0.27	9.78	0	0	0
36	SLU 15	0.01	-0.26	9.78	0	0	0
36	SLU 16	0.01	-0.27	9.7	0	0	0
36	SLU 17	0.01	-0.26	9.7	0	0	0
36	SLU 18	0.01	-0.27	9.92	0	0	0
36	SLU 19	0.01	-0.27	9.93	0	0	0
36	SLU 20	0.01	-0.27	10.03	0	0	0
36	SLU 21	0.01	-0.27	10.04	0	0	0
36	SLU 22	0.04	-0.25	9.39	0	0	0
36	SLU 23	0.04	-0.25	9.4	0	0	0
36	SLU 24	0.03	-0.25	9.58	0	0	0
36	SLU 25	0.03	-0.25	9.59	0	0	0
36	SLU 26	0.03	-0.25	9.51	0	0	0
36	SLU 27	0.03	-0.25	9.69	0	0	0
36	SLU 28	0.03	-0.25	9.69	0	0	0
36	SLU 29	0.03	-0.25	9.6	0	0	0
36	SLU 30	0.03	-0.25	9.61	0	0	0
36	SLU 31	0.02	-0.25	10.43	0	0	0
36	SLU 32	0.02	-0.26	10.61	0	0	0
36	SLU 33	0.02	-0.26	10.61	0	0	0
36	SLU 34	0.02	-0.25	10.54	0	0	0
36	SLU 35	0.01	-0.26	10.72	0	0	0
36	SLU 36	0.01	-0.26	10.72	0	0	0
36	SLU 37	0.01	-0.26	10.63	0	0	0
36	SLU 38	0.01	-0.26	10.64	0	0	0
36	SLU 39	0.01	-0.26	10.86	0	0	0
36	SLU 40	0.01	-0.26	10.87	0	0	0
36	SLU 41	0.01	-0.26	10.97	0	0	0
36	SLU 42	0.01	-0.26	10.97	0	0	0
36	SLU 43	0.05	-0.34	10.67	0	0	0
36	SLU 44	0.05	-0.33	10.68	0	0	0
36	SLU 45	0.04	-0.34	10.85	0	0	0
36	SLU 46	0.04	-0.34	10.86	0	0	0
36	SLU 47	0.04	-0.33	10.78	0	0	0
36	SLU 48	0.04	-0.34	10.96	0	0	0
36	SLU 49	0.04	-0.34	10.97	0	0	0
36	SLU 50	0.04	-0.34	10.88	0	0	0
36	SLU 51	0.04	-0.33	10.89	0	0	0
36	SLU 52	0.03	-0.34	11.71	0	0	0
36	SLU 53	0.03	-0.35	11.88	0	0	0
36	SLU 54	0.03	-0.35	11.89	0	0	0
36	SLU 55	0.02	-0.34	11.81	0	0	0
36	SLU 56	0.02	-0.35	11.99	0	0	0
36	SLU 57	0.02	-0.35	12	0	0	0
36	SLU 58	0.02	-0.35	11.91	0	0	0
36	SLU 59	0.02	-0.34	11.92	0	0	0
36	SLU 60	0.02	-0.35	12.14	0	0	0
36	SLU 61	0.02	-0.35	12.14	0	0	0
36	SLU 62	0.02	-0.35	12.24	0	0	0
36	SLU 63	0.02	-0.35	12.25	0	0	0
36	SLU 64	0.05	-0.33	11.6	0	0	0
36	SLU 65	0.05	-0.33	11.61	0	0	0
36	SLU 66	0.04	-0.33	11.79	0	0	0
36	SLU 67	0.04	-0.33	11.8	0	0	0
36	SLU 68	0.04	-0.33	11.72	0	0	0
36	SLU 69	0.04	-0.33	11.9	0	0	0
36	SLU 70	0.04	-0.33	11.91	0	0	0
36	SLU 71	0.04	-0.33	11.82	0	0	0
36	SLU 72	0.04	-0.33	11.82	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
36	SLU 73	0.03	-0.33	12.64	0	0	0
36	SLU 74	0.03	-0.34	12.82	0	0	0
36	SLU 75	0.03	-0.34	12.83	0	0	0
36	SLU 76	0.03	-0.33	12.75	0	0	0
36	SLU 77	0.02	-0.34	12.93	0	0	0
36	SLU 78	0.02	-0.34	12.94	0	0	0
36	SLU 79	0.02	-0.34	12.85	0	0	0
36	SLU 80	0.02	-0.34	12.85	0	0	0
36	SLU 81	0.02	-0.34	13.08	0	0	0
36	SLU 82	0.02	-0.34	13.08	0	0	0
36	SLU 83	0.02	-0.34	13.18	0	0	0
36	SLU 84	0.02	-0.34	13.19	0	0	0
36	SLE RA 1	0.04	-0.26	8.72	0	0	0
36	SLE RA 2	0.04	-0.25	8.73	0	0	0
36	SLE RA 3	0.03	-0.26	8.85	0	0	0
36	SLE RA 4	0.03	-0.26	8.85	0	0	0
36	SLE RA 5	0.03	-0.25	8.8	0	0	0
36	SLE RA 6	0.03	-0.26	8.92	0	0	0
36	SLE RA 7	0.03	-0.25	8.92	0	0	0
36	SLE RA 8	0.03	-0.26	8.86	0	0	0
36	SLE RA 9	0.03	-0.25	8.87	0	0	0
36	SLE RA 10	0.03	-0.26	9.41	0	0	0
36	SLE RA 11	0.02	-0.26	9.53	0	0	0
36	SLE RA 12	0.02	-0.26	9.54	0	0	0
36	SLE RA 13	0.02	-0.26	9.48	0	0	0
36	SLE RA 14	0.02	-0.26	9.6	0	0	0
36	SLE RA 15	0.02	-0.26	9.61	0	0	0
36	SLE RA 16	0.02	-0.26	9.55	0	0	0
36	SLE RA 17	0.02	-0.26	9.55	0	0	0
36	SLE RA 18	0.02	-0.27	9.7	0	0	0
36	SLE RA 19	0.02	-0.26	9.71	0	0	0
36	SLE RA 20	0.02	-0.27	9.77	0	0	0
36	SLE RA 21	0.02	-0.26	9.78	0	0	0
36	SLE FR 1	0.04	-0.26	8.72	0	0	0
36	SLE FR 2	0.04	-0.26	8.72	0	0	0
36	SLE FR 3	0.04	-0.26	8.75	0	0	0
36	SLE FR 4	0.03	-0.26	9.02	0	0	0
36	SLE FR 5	0.03	-0.26	9.04	0	0	0
36	SLE FR 6	0.03	-0.26	9.21	0	0	0
36	SLE QP 1	0.04	-0.26	8.72	0	0	0
36	SLE QP 2	0.03	-0.26	9.01	0	0	0
36	SLD 1	0.59	-0.18	8.83	0	0	0
36	SLD 2	0.61	-0.15	8.82	0	0	0
36	SLD 3	0.56	-0.34	8.8	0	0	0
36	SLD 4	0.58	-0.31	8.8	0	0	0
36	SLD 5	0.24	0	9	0	0	0
36	SLD 6	0.25	0.02	9	0	0	0
36	SLD 7	0.14	-0.53	8.91	0	0	0
36	SLD 8	0.15	-0.51	8.91	0	0	0
36	SLD 9	-0.09	-0.01	9.12	0	0	0
36	SLD 10	-0.08	0.01	9.12	0	0	0
36	SLD 11	-0.19	-0.54	9.03	0	0	0
36	SLD 12	-0.18	-0.52	9.03	0	0	0
36	SLD 13	-0.51	-0.21	9.23	0	0	0
36	SLD 14	-0.5	-0.18	9.23	0	0	0
36	SLD 15	-0.54	-0.37	9.21	0	0	0
36	SLD 16	-0.53	-0.34	9.2	0	0	0
36	SLV 1	1.34	-0.08	8.58	0	0	0
36	SLV 2	1.37	-0.02	8.57	0	0	0
36	SLV 3	1.28	-0.44	8.51	0	0	0
36	SLV 4	1.31	-0.38	8.5	0	0	0
36	SLV 5	0.52	0.33	8.98	0	0	0
36	SLV 6	0.54	0.37	8.98	0	0	0
36	SLV 7	0.3	-0.87	8.77	0	0	0
36	SLV 8	0.32	-0.83	8.76	0	0	0
36	SLV 9	-0.25	0.31	9.27	0	0	0
36	SLV 10	-0.23	0.36	9.26	0	0	0
36	SLV 11	-0.48	-0.89	9.05	0	0	0
36	SLV 12	-0.46	-0.85	9.05	0	0	0
36	SLV 13	-1.24	-0.14	9.53	0	0	0
36	SLV 14	-1.21	-0.08	9.52	0	0	0
36	SLV 15	-1.31	-0.5	9.46	0	0	0
36	SLV 16	-1.28	-0.44	9.45	0	0	0
37	SLU 1	0.02	-0.14	4.88	0	0	0
37	SLU 2	0.02	-0.14	4.89	0	0	0
37	SLU 3	0.02	-0.14	4.99	0	0	0
37	SLU 4	0.02	-0.14	4.99	0	0	0
37	SLU 5	0.02	-0.14	4.95	0	0	0
37	SLU 6	0.02	-0.14	5.05	0	0	0
37	SLU 7	0.02	-0.14	5.05	0	0	0
37	SLU 8	0.02	-0.14	5	0	0	0
37	SLU 9	0.02	-0.14	5.01	0	0	0
37	SLU 10	0.01	-0.14	5.48	0	0	0
37	SLU 11	0.01	-0.15	5.58	0	0	0
37	SLU 12	0.01	-0.15	5.58	0	0	0
37	SLU 13	0.01	-0.14	5.54	0	0	0
37	SLU 14	0.01	-0.15	5.64	0	0	0
37	SLU 15	0.01	-0.15	5.64	0	0	0
37	SLU 16	0.01	-0.15	5.59	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
37	SLU 17	0.01	-0.14	5.59	0	0	0
37	SLU 18	0.01	-0.15	5.72	0	0	0
37	SLU 19	0.01	-0.15	5.73	0	0	0
37	SLU 20	0	-0.15	5.78	0	0	0
37	SLU 21	0	-0.15	5.79	0	0	0
37	SLU 22	0.02	-0.14	5.42	0	0	0
37	SLU 23	0.02	-0.13	5.43	0	0	0
37	SLU 24	0.02	-0.14	5.53	0	0	0
37	SLU 25	0.02	-0.14	5.53	0	0	0
37	SLU 26	0.02	-0.13	5.49	0	0	0
37	SLU 27	0.02	-0.14	5.59	0	0	0
37	SLU 28	0.02	-0.14	5.59	0	0	0
37	SLU 29	0.02	-0.14	5.54	0	0	0
37	SLU 30	0.02	-0.14	5.55	0	0	0
37	SLU 31	0.01	-0.14	6.02	0	0	0
37	SLU 32	0.01	-0.14	6.12	0	0	0
37	SLU 33	0.01	-0.14	6.12	0	0	0
37	SLU 34	0.01	-0.14	6.08	0	0	0
37	SLU 35	0.01	-0.14	6.18	0	0	0
37	SLU 36	0.01	-0.14	6.18	0	0	0
37	SLU 37	0.01	-0.14	6.13	0	0	0
37	SLU 38	0.01	-0.14	6.14	0	0	0
37	SLU 39	0.01	-0.14	6.26	0	0	0
37	SLU 40	0.01	-0.14	6.27	0	0	0
37	SLU 41	0	-0.14	6.32	0	0	0
37	SLU 42	0	-0.14	6.33	0	0	0
37	SLU 43	0.03	-0.19	6.16	0	0	0
37	SLU 44	0.03	-0.18	6.17	0	0	0
37	SLU 45	0.02	-0.19	6.27	0	0	0
37	SLU 46	0.02	-0.19	6.27	0	0	0
37	SLU 47	0.02	-0.18	6.23	0	0	0
37	SLU 48	0.02	-0.19	6.33	0	0	0
37	SLU 49	0.02	-0.19	6.33	0	0	0
37	SLU 50	0.02	-0.19	6.28	0	0	0
37	SLU 51	0.02	-0.18	6.28	0	0	0
37	SLU 52	0.02	-0.19	6.76	0	0	0
37	SLU 53	0.01	-0.19	6.86	0	0	0
37	SLU 54	0.01	-0.19	6.86	0	0	0
37	SLU 55	0.01	-0.19	6.82	0	0	0
37	SLU 56	0.01	-0.19	6.92	0	0	0
37	SLU 57	0.01	-0.19	6.92	0	0	0
37	SLU 58	0.01	-0.19	6.87	0	0	0
37	SLU 59	0.01	-0.19	6.87	0	0	0
37	SLU 60	0.01	-0.19	7	0	0	0
37	SLU 61	0.01	-0.19	7	0	0	0
37	SLU 62	0.01	-0.19	7.06	0	0	0
37	SLU 63	0.01	-0.19	7.06	0	0	0
37	SLU 64	0.03	-0.18	6.7	0	0	0
37	SLU 65	0.03	-0.18	6.71	0	0	0
37	SLU 66	0.03	-0.18	6.81	0	0	0
37	SLU 67	0.03	-0.18	6.81	0	0	0
37	SLU 68	0.03	-0.18	6.77	0	0	0
37	SLU 69	0.02	-0.18	6.87	0	0	0
37	SLU 70	0.02	-0.18	6.87	0	0	0
37	SLU 71	0.02	-0.18	6.82	0	0	0
37	SLU 72	0.02	-0.18	6.83	0	0	0
37	SLU 73	0.02	-0.18	7.3	0	0	0
37	SLU 74	0.02	-0.19	7.4	0	0	0
37	SLU 75	0.02	-0.19	7.4	0	0	0
37	SLU 76	0.02	-0.18	7.36	0	0	0
37	SLU 77	0.01	-0.19	7.46	0	0	0
37	SLU 78	0.01	-0.19	7.46	0	0	0
37	SLU 79	0.01	-0.19	7.41	0	0	0
37	SLU 80	0.01	-0.18	7.41	0	0	0
37	SLU 81	0.01	-0.19	7.54	0	0	0
37	SLU 82	0.01	-0.19	7.55	0	0	0
37	SLU 83	0.01	-0.19	7.6	0	0	0
37	SLU 84	0.01	-0.19	7.61	0	0	0
37	SLE RA 1	0.02	-0.14	5.04	0	0	0
37	SLE RA 2	0.02	-0.14	5.04	0	0	0
37	SLE RA 3	0.02	-0.14	5.11	0	0	0
37	SLE RA 4	0.02	-0.14	5.11	0	0	0
37	SLE RA 5	0.02	-0.14	5.08	0	0	0
37	SLE RA 6	0.02	-0.14	5.15	0	0	0
37	SLE RA 7	0.02	-0.14	5.15	0	0	0
37	SLE RA 8	0.02	-0.14	5.12	0	0	0
37	SLE RA 9	0.02	-0.14	5.12	0	0	0
37	SLE RA 10	0.01	-0.14	5.43	0	0	0
37	SLE RA 11	0.01	-0.14	5.5	0	0	0
37	SLE RA 12	0.01	-0.14	5.5	0	0	0
37	SLE RA 13	0.01	-0.14	5.47	0	0	0
37	SLE RA 14	0.01	-0.14	5.54	0	0	0
37	SLE RA 15	0.01	-0.14	5.54	0	0	0
37	SLE RA 16	0.01	-0.14	5.51	0	0	0
37	SLE RA 17	0.01	-0.14	5.51	0	0	0
37	SLE RA 18	0.01	-0.15	5.6	0	0	0
37	SLE RA 19	0.01	-0.14	5.6	0	0	0
37	SLE RA 20	0.01	-0.15	5.64	0	0	0
37	SLE RA 21	0.01	-0.14	5.64	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
37	SLE FR 1	0.02	-0.14	5.04	0	0	0
37	SLE FR 2	0.02	-0.14	5.04	0	0	0
37	SLE FR 3	0.02	-0.14	5.05	0	0	0
37	SLE FR 4	0.02	-0.14	5.21	0	0	0
37	SLE FR 5	0.02	-0.14	5.22	0	0	0
37	SLE FR 6	0.02	-0.14	5.32	0	0	0
37	SLE QP 1	0.02	-0.14	5.04	0	0	0
37	SLE QP 2	0.02	-0.14	5.2	0	0	0
37	SLD 1	0.34	-0.1	5.07	0	0	0
37	SLD 2	0.35	-0.08	5.07	0	0	0
37	SLD 3	0.33	-0.19	5.05	0	0	0
37	SLD 4	0.33	-0.17	5.05	0	0	0
37	SLD 5	0.14	0.01	5.2	0	0	0
37	SLD 6	0.15	0.02	5.2	0	0	0
37	SLD 7	0.08	-0.3	5.13	0	0	0
37	SLD 8	0.09	-0.29	5.12	0	0	0
37	SLD 9	-0.05	0	5.29	0	0	0
37	SLD 10	-0.05	0.01	5.28	0	0	0
37	SLD 11	-0.11	-0.3	5.21	0	0	0
37	SLD 12	-0.1	-0.29	5.21	0	0	0
37	SLD 13	-0.3	-0.11	5.36	0	0	0
37	SLD 14	-0.29	-0.1	5.36	0	0	0
37	SLD 15	-0.31	-0.21	5.34	0	0	0
37	SLD 16	-0.31	-0.19	5.34	0	0	0
37	SLV 1	0.78	-0.04	4.9	0	0	0
37	SLV 2	0.8	0	4.89	0	0	0
37	SLV 3	0.74	-0.25	4.85	0	0	0
37	SLV 4	0.76	-0.21	4.84	0	0	0
37	SLV 5	0.3	0.19	5.19	0	0	0
37	SLV 6	0.31	0.22	5.19	0	0	0
37	SLV 7	0.17	-0.5	5.02	0	0	0
37	SLV 8	0.18	-0.47	5.01	0	0	0
37	SLV 9	-0.15	0.18	5.4	0	0	0
37	SLV 10	-0.13	0.21	5.39	0	0	0
37	SLV 11	-0.28	-0.51	5.22	0	0	0
37	SLV 12	-0.27	-0.48	5.22	0	0	0
37	SLV 13	-0.72	-0.08	5.57	0	0	0
37	SLV 14	-0.7	-0.04	5.56	0	0	0
37	SLV 15	-0.76	-0.29	5.52	0	0	0
37	SLV 16	-0.74	-0.24	5.51	0	0	0
38	SLU 1	0.03	-0.22	6.85	0	0	0
38	SLU 2	0.03	-0.21	6.86	0	0	0
38	SLU 3	0.03	-0.22	7.01	0	0	0
38	SLU 4	0.03	-0.22	7.01	0	0	0
38	SLU 5	0.03	-0.21	6.95	0	0	0
38	SLU 6	0.02	-0.22	7.1	0	0	0
38	SLU 7	0.02	-0.21	7.1	0	0	0
38	SLU 8	0.02	-0.22	7.03	0	0	0
38	SLU 9	0.02	-0.21	7.04	0	0	0
38	SLU 10	0.01	-0.22	7.7	0	0	0
38	SLU 11	0.01	-0.23	7.85	0	0	0
38	SLU 12	0.01	-0.22	7.85	0	0	0
38	SLU 13	0.01	-0.22	7.79	0	0	0
38	SLU 14	0.01	-0.23	7.94	0	0	0
38	SLU 15	0.01	-0.22	7.94	0	0	0
38	SLU 16	0.01	-0.22	7.87	0	0	0
38	SLU 17	0.01	-0.22	7.88	0	0	0
38	SLU 18	0.01	-0.23	8.06	0	0	0
38	SLU 19	0.01	-0.23	8.06	0	0	0
38	SLU 20	0.01	-0.23	8.15	0	0	0
38	SLU 21	0.01	-0.23	8.15	0	0	0
38	SLU 22	0.03	-0.21	7.62	0	0	0
38	SLU 23	0.03	-0.21	7.62	0	0	0
38	SLU 24	0.03	-0.21	7.77	0	0	0
38	SLU 25	0.03	-0.21	7.78	0	0	0
38	SLU 26	0.03	-0.21	7.71	0	0	0
38	SLU 27	0.02	-0.21	7.86	0	0	0
38	SLU 28	0.02	-0.21	7.86	0	0	0
38	SLU 29	0.02	-0.21	7.79	0	0	0
38	SLU 30	0.02	-0.21	7.8	0	0	0
38	SLU 31	0.02	-0.21	8.47	0	0	0
38	SLU 32	0.01	-0.22	8.61	0	0	0
38	SLU 33	0.01	-0.22	8.62	0	0	0
38	SLU 34	0.01	-0.21	8.56	0	0	0
38	SLU 35	0.01	-0.22	8.7	0	0	0
38	SLU 36	0.01	-0.22	8.71	0	0	0
38	SLU 37	0.01	-0.22	8.64	0	0	0
38	SLU 38	0.01	-0.22	8.64	0	0	0
38	SLU 39	0.01	-0.22	8.82	0	0	0
38	SLU 40	0.01	-0.22	8.82	0	0	0
38	SLU 41	0.01	-0.22	8.91	0	0	0
38	SLU 42	0.01	-0.22	8.91	0	0	0
38	SLU 43	0.04	-0.28	8.65	0	0	0
38	SLU 44	0.04	-0.28	8.66	0	0	0
38	SLU 45	0.03	-0.29	8.8	0	0	0
38	SLU 46	0.03	-0.28	8.81	0	0	0
38	SLU 47	0.03	-0.28	8.74	0	0	0
38	SLU 48	0.03	-0.29	8.89	0	0	0
38	SLU 49	0.03	-0.28	8.9	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
38	SLU 50	0.03	-0.28	8.83	0	0	0
38	SLU 51	0.03	-0.28	8.83	0	0	0
38	SLU 52	0.02	-0.29	9.5	0	0	0
38	SLU 53	0.02	-0.29	9.64	0	0	0
38	SLU 54	0.02	-0.29	9.65	0	0	0
38	SLU 55	0.02	-0.29	9.59	0	0	0
38	SLU 56	0.02	-0.29	9.73	0	0	0
38	SLU 57	0.02	-0.29	9.74	0	0	0
38	SLU 58	0.02	-0.29	9.67	0	0	0
38	SLU 59	0.02	-0.29	9.67	0	0	0
38	SLU 60	0.02	-0.3	9.85	0	0	0
38	SLU 61	0.02	-0.29	9.86	0	0	0
38	SLU 62	0.01	-0.3	9.94	0	0	0
38	SLU 63	0.01	-0.29	9.94	0	0	0
38	SLU 64	0.04	-0.28	9.41	0	0	0
38	SLU 65	0.04	-0.27	9.42	0	0	0
38	SLU 66	0.04	-0.28	9.57	0	0	0
38	SLU 67	0.04	-0.28	9.57	0	0	0
38	SLU 68	0.03	-0.27	9.51	0	0	0
38	SLU 69	0.03	-0.28	9.65	0	0	0
38	SLU 70	0.03	-0.28	9.66	0	0	0
38	SLU 71	0.03	-0.28	9.59	0	0	0
38	SLU 72	0.03	-0.28	9.59	0	0	0
38	SLU 73	0.02	-0.28	10.26	0	0	0
38	SLU 74	0.02	-0.29	10.41	0	0	0
38	SLU 75	0.02	-0.28	10.41	0	0	0
38	SLU 76	0.02	-0.28	10.35	0	0	0
38	SLU 77	0.02	-0.29	10.5	0	0	0
38	SLU 78	0.02	-0.28	10.5	0	0	0
38	SLU 79	0.02	-0.29	10.43	0	0	0
38	SLU 80	0.02	-0.28	10.43	0	0	0
38	SLU 81	0.02	-0.29	10.61	0	0	0
38	SLU 82	0.02	-0.29	10.62	0	0	0
38	SLU 83	0.01	-0.29	10.7	0	0	0
38	SLU 84	0.01	-0.29	10.71	0	0	0
38	SLE RA 1	0.03	-0.22	7.07	0	0	0
38	SLE RA 2	0.03	-0.21	7.08	0	0	0
38	SLE RA 3	0.03	-0.22	7.17	0	0	0
38	SLE RA 4	0.03	-0.21	7.18	0	0	0
38	SLE RA 5	0.03	-0.21	7.14	0	0	0
38	SLE RA 6	0.02	-0.22	7.23	0	0	0
38	SLE RA 7	0.02	-0.21	7.24	0	0	0
38	SLE RA 8	0.02	-0.22	7.19	0	0	0
38	SLE RA 9	0.02	-0.21	7.19	0	0	0
38	SLE RA 10	0.02	-0.22	7.64	0	0	0
38	SLE RA 11	0.02	-0.22	7.74	0	0	0
38	SLE RA 12	0.02	-0.22	7.74	0	0	0
38	SLE RA 13	0.02	-0.22	7.7	0	0	0
38	SLE RA 14	0.02	-0.22	7.79	0	0	0
38	SLE RA 15	0.02	-0.22	7.8	0	0	0
38	SLE RA 16	0.01	-0.22	7.75	0	0	0
38	SLE RA 17	0.01	-0.22	7.75	0	0	0
38	SLE RA 18	0.02	-0.22	7.87	0	0	0
38	SLE RA 19	0.02	-0.22	7.88	0	0	0
38	SLE RA 20	0.01	-0.22	7.93	0	0	0
38	SLE RA 21	0.01	-0.22	7.94	0	0	0
38	SLE FR 1	0.03	-0.22	7.07	0	0	0
38	SLE FR 2	0.03	-0.22	7.07	0	0	0
38	SLE FR 3	0.03	-0.22	7.1	0	0	0
38	SLE FR 4	0.03	-0.22	7.31	0	0	0
38	SLE FR 5	0.02	-0.22	7.34	0	0	0
38	SLE FR 6	0.02	-0.22	7.47	0	0	0
38	SLE QP 1	0.03	-0.22	7.07	0	0	0
38	SLE QP 2	0.03	-0.22	7.31	0	0	0
38	SLD 1	0.48	-0.17	7.18	0	0	0
38	SLD 2	0.49	-0.15	7.18	0	0	0
38	SLD 3	0.46	-0.3	7.17	0	0	0
38	SLD 4	0.47	-0.28	7.16	0	0	0
38	SLD 5	0.2	-0.01	7.3	0	0	0
38	SLD 6	0.2	0	7.3	0	0	0
38	SLD 7	0.12	-0.45	7.24	0	0	0
38	SLD 8	0.12	-0.43	7.24	0	0	0
38	SLD 9	-0.07	0	7.38	0	0	0
38	SLD 10	-0.07	0.01	7.38	0	0	0
38	SLD 11	-0.15	-0.44	7.33	0	0	0
38	SLD 12	-0.15	-0.43	7.32	0	0	0
38	SLD 13	-0.42	-0.15	7.46	0	0	0
38	SLD 14	-0.41	-0.13	7.46	0	0	0
38	SLD 15	-0.44	-0.28	7.44	0	0	0
38	SLD 16	-0.43	-0.26	7.44	0	0	0
38	SLV 1	1.09	-0.12	7.01	0	0	0
38	SLV 2	1.12	-0.07	7.01	0	0	0
38	SLV 3	1.04	-0.41	6.97	0	0	0
38	SLV 4	1.06	-0.37	6.97	0	0	0
38	SLV 5	0.42	0.25	7.29	0	0	0
38	SLV 6	0.44	0.28	7.28	0	0	0
38	SLV 7	0.24	-0.73	7.15	0	0	0
38	SLV 8	0.26	-0.7	7.14	0	0	0
38	SLV 9	-0.21	0.27	7.48	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
38	SLV 10	-0.19	0.3	7.48	0	0	0
38	SLV 11	-0.39	-0.72	7.34	0	0	0
38	SLV 12	-0.37	-0.69	7.34	0	0	0
38	SLV 13	-1.01	-0.07	7.66	0	0	0
38	SLV 14	-0.99	-0.02	7.65	0	0	0
38	SLV 15	-1.06	-0.37	7.62	0	0	0
38	SLV 16	-1.04	-0.32	7.61	0	0	0
39	SLU 1	0.02	-0.16	4.96	0	0	0
39	SLU 2	0.02	-0.16	4.97	0	0	0
39	SLU 3	0.02	-0.16	5.07	0	0	0
39	SLU 4	0.02	-0.16	5.08	0	0	0
39	SLU 5	0.02	-0.16	5.03	0	0	0
39	SLU 6	0.02	-0.16	5.14	0	0	0
39	SLU 7	0.02	-0.16	5.14	0	0	0
39	SLU 8	0.02	-0.16	5.09	0	0	0
39	SLU 9	0.01	-0.16	5.09	0	0	0
39	SLU 10	0.01	-0.16	5.58	0	0	0
39	SLU 11	0.01	-0.17	5.69	0	0	0
39	SLU 12	0.01	-0.17	5.69	0	0	0
39	SLU 13	0.01	-0.16	5.64	0	0	0
39	SLU 14	0.01	-0.17	5.75	0	0	0
39	SLU 15	0.01	-0.17	5.75	0	0	0
39	SLU 16	0	-0.17	5.7	0	0	0
39	SLU 17	0	-0.17	5.71	0	0	0
39	SLU 18	0.01	-0.17	5.84	0	0	0
39	SLU 19	0.01	-0.17	5.84	0	0	0
39	SLU 20	0	-0.17	5.9	0	0	0
39	SLU 21	0	-0.17	5.91	0	0	0
39	SLU 22	0.02	-0.16	5.51	0	0	0
39	SLU 23	0.02	-0.15	5.52	0	0	0
39	SLU 24	0.02	-0.16	5.63	0	0	0
39	SLU 25	0.02	-0.16	5.63	0	0	0
39	SLU 26	0.02	-0.15	5.58	0	0	0
39	SLU 27	0.02	-0.16	5.69	0	0	0
39	SLU 28	0.02	-0.16	5.69	0	0	0
39	SLU 29	0.02	-0.16	5.64	0	0	0
39	SLU 30	0.02	-0.16	5.65	0	0	0
39	SLU 31	0.01	-0.16	6.13	0	0	0
39	SLU 32	0.01	-0.17	6.24	0	0	0
39	SLU 33	0.01	-0.16	6.24	0	0	0
39	SLU 34	0.01	-0.16	6.2	0	0	0
39	SLU 35	0.01	-0.17	6.3	0	0	0
39	SLU 36	0.01	-0.16	6.31	0	0	0
39	SLU 37	0.01	-0.16	6.26	0	0	0
39	SLU 38	0.01	-0.16	6.26	0	0	0
39	SLU 39	0.01	-0.17	6.39	0	0	0
39	SLU 40	0.01	-0.17	6.39	0	0	0
39	SLU 41	0	-0.17	6.46	0	0	0
39	SLU 42	0	-0.17	6.46	0	0	0
39	SLU 43	0.03	-0.21	6.26	0	0	0
39	SLU 44	0.03	-0.21	6.26	0	0	0
39	SLU 45	0.02	-0.21	6.37	0	0	0
39	SLU 46	0.02	-0.21	6.37	0	0	0
39	SLU 47	0.02	-0.21	6.33	0	0	0
39	SLU 48	0.02	-0.21	6.44	0	0	0
39	SLU 49	0.02	-0.21	6.44	0	0	0
39	SLU 50	0.02	-0.21	6.39	0	0	0
39	SLU 51	0.02	-0.21	6.39	0	0	0
39	SLU 52	0.02	-0.21	6.88	0	0	0
39	SLU 53	0.01	-0.22	6.98	0	0	0
39	SLU 54	0.01	-0.22	6.99	0	0	0
39	SLU 55	0.01	-0.21	6.94	0	0	0
39	SLU 56	0.01	-0.22	7.05	0	0	0
39	SLU 57	0.01	-0.22	7.05	0	0	0
39	SLU 58	0.01	-0.22	7	0	0	0
39	SLU 59	0.01	-0.22	7.01	0	0	0
39	SLU 60	0.01	-0.22	7.14	0	0	0
39	SLU 61	0.01	-0.22	7.14	0	0	0
39	SLU 62	0.01	-0.22	7.2	0	0	0
39	SLU 63	0.01	-0.22	7.2	0	0	0
39	SLU 64	0.03	-0.21	6.81	0	0	0
39	SLU 65	0.03	-0.2	6.82	0	0	0
39	SLU 66	0.03	-0.21	6.92	0	0	0
39	SLU 67	0.03	-0.21	6.93	0	0	0
39	SLU 68	0.02	-0.2	6.88	0	0	0
39	SLU 69	0.02	-0.21	6.99	0	0	0
39	SLU 70	0.02	-0.21	6.99	0	0	0
39	SLU 71	0.02	-0.21	6.94	0	0	0
39	SLU 72	0.02	-0.21	6.94	0	0	0
39	SLU 73	0.02	-0.21	7.43	0	0	0
39	SLU 74	0.01	-0.22	7.54	0	0	0
39	SLU 75	0.01	-0.21	7.54	0	0	0
39	SLU 76	0.01	-0.21	7.5	0	0	0
39	SLU 77	0.01	-0.22	7.6	0	0	0
39	SLU 78	0.01	-0.21	7.61	0	0	0
39	SLU 79	0.01	-0.21	7.56	0	0	0
39	SLU 80	0.01	-0.21	7.56	0	0	0
39	SLU 81	0.01	-0.22	7.69	0	0	0
39	SLU 82	0.01	-0.22	7.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
39	SLU 83	0.01	-0.22	7.75	0	0	0
39	SLU 84	0.01	-0.22	7.76	0	0	0
39	SLE RA 1	0.02	-0.16	5.12	0	0	0
39	SLE RA 2	0.02	-0.16	5.12	0	0	0
39	SLE RA 3	0.02	-0.16	5.19	0	0	0
39	SLE RA 4	0.02	-0.16	5.2	0	0	0
39	SLE RA 5	0.02	-0.16	5.16	0	0	0
39	SLE RA 6	0.02	-0.16	5.24	0	0	0
39	SLE RA 7	0.02	-0.16	5.24	0	0	0
39	SLE RA 8	0.02	-0.16	5.2	0	0	0
39	SLE RA 9	0.02	-0.16	5.21	0	0	0
39	SLE RA 10	0.01	-0.16	5.53	0	0	0
39	SLE RA 11	0.01	-0.17	5.6	0	0	0
39	SLE RA 12	0.01	-0.16	5.6	0	0	0
39	SLE RA 13	0.01	-0.16	5.57	0	0	0
39	SLE RA 14	0.01	-0.17	5.65	0	0	0
39	SLE RA 15	0.01	-0.16	5.65	0	0	0
39	SLE RA 16	0.01	-0.17	5.61	0	0	0
39	SLE RA 17	0.01	-0.16	5.62	0	0	0
39	SLE RA 18	0.01	-0.17	5.7	0	0	0
39	SLE RA 19	0.01	-0.17	5.71	0	0	0
39	SLE RA 20	0.01	-0.17	5.75	0	0	0
39	SLE RA 21	0.01	-0.17	5.75	0	0	0
39	SLE FR 1	0.02	-0.16	5.12	0	0	0
39	SLE FR 2	0.02	-0.16	5.12	0	0	0
39	SLE FR 3	0.02	-0.16	5.14	0	0	0
39	SLE FR 4	0.02	-0.16	5.29	0	0	0
39	SLE FR 5	0.02	-0.16	5.31	0	0	0
39	SLE FR 6	0.02	-0.16	5.41	0	0	0
39	SLE QP 1	0.02	-0.16	5.12	0	0	0
39	SLE QP 2	0.02	-0.16	5.29	0	0	0
39	SLD 1	0.35	-0.13	5.2	0	0	0
39	SLD 2	0.36	-0.12	5.2	0	0	0
39	SLD 3	0.33	-0.22	5.22	0	0	0
39	SLD 4	0.34	-0.21	5.22	0	0	0
39	SLD 5	0.14	-0.01	5.25	0	0	0
39	SLD 6	0.15	0	5.25	0	0	0
39	SLD 7	0.08	-0.33	5.29	0	0	0
39	SLD 8	0.09	-0.32	5.29	0	0	0
39	SLD 9	-0.05	-0.01	5.3	0	0	0
39	SLD 10	-0.05	0	5.3	0	0	0
39	SLD 11	-0.11	-0.32	5.34	0	0	0
39	SLD 12	-0.11	-0.32	5.34	0	0	0
39	SLD 13	-0.3	-0.11	5.37	0	0	0
39	SLD 14	-0.3	-0.1	5.37	0	0	0
39	SLD 15	-0.32	-0.21	5.38	0	0	0
39	SLD 16	-0.31	-0.2	5.38	0	0	0
39	SLV 1	0.79	-0.09	5.08	0	0	0
39	SLV 2	0.81	-0.06	5.08	0	0	0
39	SLV 3	0.75	-0.3	5.11	0	0	0
39	SLV 4	0.77	-0.27	5.11	0	0	0
39	SLV 5	0.31	0.18	5.19	0	0	0
39	SLV 6	0.32	0.2	5.18	0	0	0
39	SLV 7	0.17	-0.54	5.28	0	0	0
39	SLV 8	0.18	-0.52	5.28	0	0	0
39	SLV 9	-0.15	0.19	5.3	0	0	0
39	SLV 10	-0.14	0.21	5.3	0	0	0
39	SLV 11	-0.28	-0.53	5.4	0	0	0
39	SLV 12	-0.27	-0.51	5.4	0	0	0
39	SLV 13	-0.73	-0.05	5.48	0	0	0
39	SLV 14	-0.72	-0.02	5.47	0	0	0
39	SLV 15	-0.77	-0.27	5.51	0	0	0
39	SLV 16	-0.76	-0.24	5.5	0	0	0
41	SLU 1	0.02	-0.23	6.1	0	0	0
41	SLU 2	0.02	-0.23	6.11	0	0	0
41	SLU 3	0.02	-0.23	6.25	0	0	0
41	SLU 4	0.02	-0.23	6.25	0	0	0
41	SLU 5	0.02	-0.23	6.19	0	0	0
41	SLU 6	0.02	-0.23	6.33	0	0	0
41	SLU 7	0.02	-0.23	6.34	0	0	0
41	SLU 8	0.02	-0.23	6.28	0	0	0
41	SLU 9	0.02	-0.23	6.28	0	0	0
41	SLU 10	0.01	-0.24	6.89	0	0	0
41	SLU 11	0.01	-0.25	7.03	0	0	0
41	SLU 12	0.01	-0.24	7.04	0	0	0
41	SLU 13	0.01	-0.24	6.98	0	0	0
41	SLU 14	0	-0.25	7.12	0	0	0
41	SLU 15	0	-0.24	7.12	0	0	0
41	SLU 16	0	-0.24	7.06	0	0	0
41	SLU 17	0	-0.24	7.07	0	0	0
41	SLU 18	0	-0.25	7.22	0	0	0
41	SLU 19	0	-0.25	7.23	0	0	0
41	SLU 20	0	-0.25	7.31	0	0	0
41	SLU 21	0	-0.25	7.32	0	0	0
41	SLU 22	0.02	-0.23	6.79	0	0	0
41	SLU 23	0.02	-0.23	6.79	0	0	0
41	SLU 24	0.02	-0.23	6.93	0	0	0
41	SLU 25	0.02	-0.23	6.93	0	0	0
41	SLU 26	0.02	-0.23	6.88	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
41	SLU 27	0.02	-0.23	7.02	0	0	0
41	SLU 28	0.02	-0.23	7.02	0	0	0
41	SLU 29	0.02	-0.23	6.96	0	0	0
41	SLU 30	0.02	-0.23	6.96	0	0	0
41	SLU 31	0.01	-0.24	7.58	0	0	0
41	SLU 32	0.01	-0.24	7.72	0	0	0
41	SLU 33	0.01	-0.24	7.72	0	0	0
41	SLU 34	0.01	-0.24	7.67	0	0	0
41	SLU 35	0	-0.24	7.81	0	0	0
41	SLU 36	0	-0.24	7.81	0	0	0
41	SLU 37	0	-0.24	7.75	0	0	0
41	SLU 38	0	-0.24	7.75	0	0	0
41	SLU 39	0.01	-0.25	7.91	0	0	0
41	SLU 40	0	-0.24	7.91	0	0	0
41	SLU 41	0	-0.25	8	0	0	0
41	SLU 42	0	-0.24	8	0	0	0
41	SLU 43	0.03	-0.3	7.69	0	0	0
41	SLU 44	0.03	-0.3	7.7	0	0	0
41	SLU 45	0.03	-0.3	7.84	0	0	0
41	SLU 46	0.03	-0.3	7.84	0	0	0
41	SLU 47	0.03	-0.3	7.79	0	0	0
41	SLU 48	0.02	-0.3	7.93	0	0	0
41	SLU 49	0.02	-0.3	7.93	0	0	0
41	SLU 50	0.02	-0.3	7.87	0	0	0
41	SLU 51	0.02	-0.3	7.87	0	0	0
41	SLU 52	0.02	-0.31	8.49	0	0	0
41	SLU 53	0.01	-0.32	8.63	0	0	0
41	SLU 54	0.01	-0.31	8.63	0	0	0
41	SLU 55	0.01	-0.31	8.58	0	0	0
41	SLU 56	0.01	-0.32	8.72	0	0	0
41	SLU 57	0.01	-0.31	8.72	0	0	0
41	SLU 58	0.01	-0.31	8.66	0	0	0
41	SLU 59	0.01	-0.31	8.66	0	0	0
41	SLU 60	0.01	-0.32	8.82	0	0	0
41	SLU 61	0.01	-0.32	8.82	0	0	0
41	SLU 62	0.01	-0.32	8.91	0	0	0
41	SLU 63	0.01	-0.32	8.91	0	0	0
41	SLU 64	0.03	-0.3	8.38	0	0	0
41	SLU 65	0.03	-0.3	8.39	0	0	0
41	SLU 66	0.03	-0.3	8.53	0	0	0
41	SLU 67	0.03	-0.3	8.53	0	0	0
41	SLU 68	0.03	-0.3	8.47	0	0	0
41	SLU 69	0.02	-0.3	8.61	0	0	0
41	SLU 70	0.02	-0.3	8.62	0	0	0
41	SLU 71	0.02	-0.3	8.56	0	0	0
41	SLU 72	0.02	-0.3	8.56	0	0	0
41	SLU 73	0.02	-0.31	9.17	0	0	0
41	SLU 74	0.01	-0.31	9.31	0	0	0
41	SLU 75	0.01	-0.31	9.32	0	0	0
41	SLU 76	0.01	-0.31	9.26	0	0	0
41	SLU 77	0.01	-0.31	9.4	0	0	0
41	SLU 78	0.01	-0.31	9.4	0	0	0
41	SLU 79	0.01	-0.31	9.34	0	0	0
41	SLU 80	0.01	-0.31	9.35	0	0	0
41	SLU 81	0.01	-0.32	9.51	0	0	0
41	SLU 82	0.01	-0.31	9.51	0	0	0
41	SLU 83	0.01	-0.32	9.59	0	0	0
41	SLU 84	0.01	-0.31	9.6	0	0	0
41	SLE RA 1	0.02	-0.23	6.3	0	0	0
41	SLE RA 2	0.02	-0.23	6.3	0	0	0
41	SLE RA 3	0.02	-0.23	6.39	0	0	0
41	SLE RA 4	0.02	-0.23	6.39	0	0	0
41	SLE RA 5	0.02	-0.23	6.36	0	0	0
41	SLE RA 6	0.02	-0.23	6.45	0	0	0
41	SLE RA 7	0.02	-0.23	6.45	0	0	0
41	SLE RA 8	0.02	-0.23	6.41	0	0	0
41	SLE RA 9	0.02	-0.23	6.42	0	0	0
41	SLE RA 10	0.01	-0.24	6.82	0	0	0
41	SLE RA 11	0.01	-0.24	6.92	0	0	0
41	SLE RA 12	0.01	-0.24	6.92	0	0	0
41	SLE RA 13	0.01	-0.24	6.88	0	0	0
41	SLE RA 14	0.01	-0.24	6.98	0	0	0
41	SLE RA 15	0.01	-0.24	6.98	0	0	0
41	SLE RA 16	0.01	-0.24	6.94	0	0	0
41	SLE RA 17	0.01	-0.24	6.94	0	0	0
41	SLE RA 18	0.01	-0.24	7.05	0	0	0
41	SLE RA 19	0.01	-0.24	7.05	0	0	0
41	SLE RA 20	0.01	-0.24	7.1	0	0	0
41	SLE RA 21	0.01	-0.24	7.11	0	0	0
41	SLE FR 1	0.02	-0.23	6.3	0	0	0
41	SLE FR 2	0.02	-0.23	6.3	0	0	0
41	SLE FR 3	0.02	-0.23	6.32	0	0	0
41	SLE FR 4	0.02	-0.23	6.52	0	0	0
41	SLE FR 5	0.02	-0.23	6.54	0	0	0
41	SLE FR 6	0.02	-0.24	6.67	0	0	0
41	SLE QP 1	0.02	-0.23	6.3	0	0	0
41	SLE QP 2	0.02	-0.23	6.52	0	0	0
41	SLD 1	0.43	-0.18	6.52	0	0	0
41	SLD 2	0.43	-0.18	6.53	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
41	SLD 3	0.4	-0.31	6.58	0	0	0
41	SLD 4	0.41	-0.3	6.58	0	0	0
41	SLD 5	0.17	-0.03	6.44	0	0	0
41	SLD 6	0.18	-0.03	6.45	0	0	0
41	SLD 7	0.1	-0.44	6.61	0	0	0
41	SLD 8	0.1	-0.44	6.62	0	0	0
41	SLD 9	-0.07	-0.03	6.42	0	0	0
41	SLD 10	-0.06	-0.03	6.43	0	0	0
41	SLD 11	-0.14	-0.44	6.6	0	0	0
41	SLD 12	-0.13	-0.44	6.6	0	0	0
41	SLD 13	-0.37	-0.17	6.46	0	0	0
41	SLD 14	-0.36	-0.16	6.47	0	0	0
41	SLD 15	-0.4	-0.29	6.51	0	0	0
41	SLD 16	-0.39	-0.28	6.52	0	0	0
41	SLV 1	0.97	-0.12	6.53	0	0	0
41	SLV 2	0.99	-0.11	6.54	0	0	0
41	SLV 3	0.92	-0.4	6.65	0	0	0
41	SLV 4	0.94	-0.39	6.66	0	0	0
41	SLV 5	0.38	0.22	6.35	0	0	0
41	SLV 6	0.39	0.23	6.35	0	0	0
41	SLV 7	0.21	-0.71	6.73	0	0	0
41	SLV 8	0.22	-0.7	6.74	0	0	0
41	SLV 9	-0.18	0.23	6.3	0	0	0
41	SLV 10	-0.17	0.24	6.31	0	0	0
41	SLV 11	-0.35	-0.7	6.69	0	0	0
41	SLV 12	-0.34	-0.69	6.7	0	0	0
41	SLV 13	-0.9	-0.08	6.38	0	0	0
41	SLV 14	-0.88	-0.07	6.39	0	0	0
41	SLV 15	-0.95	-0.36	6.5	0	0	0
41	SLV 16	-0.93	-0.35	6.51	0	0	0
42	SLU 1	0.04	-0.43	11.64	0	0	0
42	SLU 2	0.04	-0.42	11.65	0	0	0
42	SLU 3	0.04	-0.43	11.91	0	0	0
42	SLU 4	0.04	-0.42	11.92	0	0	0
42	SLU 5	0.04	-0.42	11.81	0	0	0
42	SLU 6	0.03	-0.43	12.07	0	0	0
42	SLU 7	0.03	-0.42	12.08	0	0	0
42	SLU 8	0.03	-0.43	11.96	0	0	0
42	SLU 9	0.03	-0.42	11.97	0	0	0
42	SLU 10	0.02	-0.44	13.13	0	0	0
42	SLU 11	0.01	-0.45	13.4	0	0	0
42	SLU 12	0.01	-0.44	13.4	0	0	0
42	SLU 13	0.01	-0.44	13.3	0	0	0
42	SLU 14	0.01	-0.45	13.56	0	0	0
42	SLU 15	0.01	-0.44	13.57	0	0	0
42	SLU 16	0.01	-0.45	13.45	0	0	0
42	SLU 17	0.01	-0.44	13.46	0	0	0
42	SLU 18	0.01	-0.46	13.76	0	0	0
42	SLU 19	0.01	-0.45	13.77	0	0	0
42	SLU 20	0	-0.46	13.92	0	0	0
42	SLU 21	0	-0.45	13.93	0	0	0
42	SLU 22	0.04	-0.42	12.94	0	0	0
42	SLU 23	0.04	-0.41	12.95	0	0	0
42	SLU 24	0.04	-0.42	13.22	0	0	0
42	SLU 25	0.04	-0.42	13.22	0	0	0
42	SLU 26	0.04	-0.41	13.12	0	0	0
42	SLU 27	0.03	-0.42	13.38	0	0	0
42	SLU 28	0.03	-0.42	13.39	0	0	0
42	SLU 29	0.03	-0.42	13.27	0	0	0
42	SLU 30	0.03	-0.42	13.28	0	0	0
42	SLU 31	0.02	-0.43	14.44	0	0	0
42	SLU 32	0.01	-0.45	14.7	0	0	0
42	SLU 33	0.01	-0.44	14.71	0	0	0
42	SLU 34	0.01	-0.43	14.6	0	0	0
42	SLU 35	0.01	-0.45	14.87	0	0	0
42	SLU 36	0.01	-0.44	14.87	0	0	0
42	SLU 37	0.01	-0.44	14.76	0	0	0
42	SLU 38	0.01	-0.44	14.76	0	0	0
42	SLU 39	0.01	-0.45	15.07	0	0	0
42	SLU 40	0.01	-0.45	15.07	0	0	0
42	SLU 41	0	-0.45	15.23	0	0	0
42	SLU 42	0	-0.45	15.24	0	0	0
42	SLU 43	0.06	-0.56	14.68	0	0	0
42	SLU 44	0.06	-0.55	14.69	0	0	0
42	SLU 45	0.05	-0.56	14.95	0	0	0
42	SLU 46	0.05	-0.55	14.96	0	0	0
42	SLU 47	0.05	-0.55	14.85	0	0	0
42	SLU 48	0.04	-0.56	15.12	0	0	0
42	SLU 49	0.04	-0.55	15.12	0	0	0
42	SLU 50	0.04	-0.56	15.01	0	0	0
42	SLU 51	0.04	-0.55	15.01	0	0	0
42	SLU 52	0.03	-0.57	16.18	0	0	0
42	SLU 53	0.03	-0.58	16.44	0	0	0
42	SLU 54	0.03	-0.57	16.45	0	0	0
42	SLU 55	0.02	-0.57	16.34	0	0	0
42	SLU 56	0.02	-0.58	16.6	0	0	0
42	SLU 57	0.02	-0.57	16.61	0	0	0
42	SLU 58	0.02	-0.58	16.49	0	0	0
42	SLU 59	0.02	-0.57	16.5	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
42	SLU 60	0.02	-0.59	16.8	0	0	0
42	SLU 61	0.02	-0.58	16.81	0	0	0
42	SLU 62	0.01	-0.59	16.97	0	0	0
42	SLU 63	0.01	-0.58	16.97	0	0	0
42	SLU 64	0.06	-0.55	15.98	0	0	0
42	SLU 65	0.06	-0.54	16	0	0	0
42	SLU 66	0.05	-0.55	16.26	0	0	0
42	SLU 67	0.05	-0.55	16.27	0	0	0
42	SLU 68	0.05	-0.54	16.16	0	0	0
42	SLU 69	0.05	-0.55	16.42	0	0	0
42	SLU 70	0.05	-0.55	16.43	0	0	0
42	SLU 71	0.04	-0.55	16.31	0	0	0
42	SLU 72	0.04	-0.55	16.32	0	0	0
42	SLU 73	0.03	-0.56	17.48	0	0	0
42	SLU 74	0.03	-0.57	17.75	0	0	0
42	SLU 75	0.03	-0.57	17.75	0	0	0
42	SLU 76	0.03	-0.56	17.65	0	0	0
42	SLU 77	0.02	-0.57	17.91	0	0	0
42	SLU 78	0.02	-0.57	17.92	0	0	0
42	SLU 79	0.02	-0.57	17.8	0	0	0
42	SLU 80	0.02	-0.57	17.81	0	0	0
42	SLU 81	0.02	-0.58	18.11	0	0	0
42	SLU 82	0.02	-0.58	18.11	0	0	0
42	SLU 83	0.02	-0.58	18.27	0	0	0
42	SLU 84	0.02	-0.58	18.28	0	0	0
42	SLE RA 1	0.04	-0.43	12.01	0	0	0
42	SLE RA 2	0.04	-0.42	12.02	0	0	0
42	SLE RA 3	0.04	-0.43	12.19	0	0	0
42	SLE RA 4	0.04	-0.42	12.2	0	0	0
42	SLE RA 5	0.04	-0.42	12.13	0	0	0
42	SLE RA 6	0.04	-0.43	12.3	0	0	0
42	SLE RA 7	0.04	-0.42	12.3	0	0	0
42	SLE RA 8	0.03	-0.43	12.23	0	0	0
42	SLE RA 9	0.03	-0.42	12.23	0	0	0
42	SLE RA 10	0.03	-0.43	13.01	0	0	0
42	SLE RA 11	0.02	-0.44	13.18	0	0	0
42	SLE RA 12	0.02	-0.44	13.19	0	0	0
42	SLE RA 13	0.02	-0.43	13.12	0	0	0
42	SLE RA 14	0.02	-0.44	13.29	0	0	0
42	SLE RA 15	0.02	-0.44	13.3	0	0	0
42	SLE RA 16	0.02	-0.44	13.22	0	0	0
42	SLE RA 17	0.02	-0.44	13.22	0	0	0
42	SLE RA 18	0.02	-0.44	13.42	0	0	0
42	SLE RA 19	0.02	-0.44	13.43	0	0	0
42	SLE RA 20	0.02	-0.45	13.53	0	0	0
42	SLE RA 21	0.02	-0.44	13.54	0	0	0
42	SLE FR 1	0.04	-0.43	12.01	0	0	0
42	SLE FR 2	0.04	-0.42	12.01	0	0	0
42	SLE FR 3	0.04	-0.43	12.05	0	0	0
42	SLE FR 4	0.04	-0.43	12.43	0	0	0
42	SLE FR 5	0.03	-0.43	12.48	0	0	0
42	SLE FR 6	0.03	-0.43	12.72	0	0	0
42	SLE QP 1	0.04	-0.43	12.01	0	0	0
42	SLE QP 2	0.04	-0.43	12.43	0	0	0
42	SLD 1	0.81	-0.34	12.34	0	0	0
42	SLD 2	0.83	-0.32	12.34	0	0	0
42	SLD 3	0.77	-0.57	12.42	0	0	0
42	SLD 4	0.79	-0.56	12.42	0	0	0
42	SLD 5	0.33	-0.05	12.28	0	0	0
42	SLD 6	0.34	-0.04	12.29	0	0	0
42	SLD 7	0.19	-0.83	12.55	0	0	0
42	SLD 8	0.2	-0.82	12.55	0	0	0
42	SLD 9	-0.13	-0.04	12.31	0	0	0
42	SLD 10	-0.12	-0.04	12.32	0	0	0
42	SLD 11	-0.27	-0.82	12.58	0	0	0
42	SLD 12	-0.26	-0.81	12.59	0	0	0
42	SLD 13	-0.71	-0.31	12.45	0	0	0
42	SLD 14	-0.7	-0.29	12.45	0	0	0
42	SLD 15	-0.75	-0.54	12.53	0	0	0
42	SLD 16	-0.74	-0.52	12.53	0	0	0
42	SLV 1	1.85	-0.22	12.21	0	0	0
42	SLV 2	1.89	-0.19	12.22	0	0	0
42	SLV 3	1.75	-0.75	12.39	0	0	0
42	SLV 4	1.79	-0.71	12.4	0	0	0
42	SLV 5	0.72	0.42	12.09	0	0	0
42	SLV 6	0.74	0.45	12.1	0	0	0
42	SLV 7	0.4	-1.33	12.69	0	0	0
42	SLV 8	0.42	-1.31	12.7	0	0	0
42	SLV 9	-0.35	0.45	12.17	0	0	0
42	SLV 10	-0.33	0.47	12.17	0	0	0
42	SLV 11	-0.67	-1.31	12.77	0	0	0
42	SLV 12	-0.65	-1.29	12.78	0	0	0
42	SLV 13	-1.72	-0.15	12.47	0	0	0
42	SLV 14	-1.68	-0.11	12.48	0	0	0
42	SLV 15	-1.81	-0.67	12.65	0	0	0
42	SLV 16	-1.78	-0.64	12.66	0	0	0
43	SLU 1	0.04	-0.39	10.9	0	0	0
43	SLU 2	0.04	-0.38	10.91	0	0	0
43	SLU 3	0.04	-0.39	11.15	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
43	SLU 4	0.04	-0.38	11.16	0	0	0
43	SLU 5	0.03	-0.38	11.06	0	0	0
43	SLU 6	0.03	-0.39	11.3	0	0	0
43	SLU 7	0.03	-0.38	11.31	0	0	0
43	SLU 8	0.03	-0.39	11.2	0	0	0
43	SLU 9	0.03	-0.38	11.21	0	0	0
43	SLU 10	0.02	-0.4	12.29	0	0	0
43	SLU 11	0.01	-0.41	12.53	0	0	0
43	SLU 12	0.01	-0.4	12.54	0	0	0
43	SLU 13	0.01	-0.4	12.44	0	0	0
43	SLU 14	0.01	-0.41	12.68	0	0	0
43	SLU 15	0.01	-0.4	12.69	0	0	0
43	SLU 16	0	-0.4	12.58	0	0	0
43	SLU 17	0	-0.4	12.59	0	0	0
43	SLU 18	0.01	-0.41	12.87	0	0	0
43	SLU 19	0.01	-0.41	12.88	0	0	0
43	SLU 20	0	-0.41	13.02	0	0	0
43	SLU 21	0	-0.41	13.03	0	0	0
43	SLU 22	0.04	-0.38	12.12	0	0	0
43	SLU 23	0.04	-0.37	12.13	0	0	0
43	SLU 24	0.04	-0.38	12.38	0	0	0
43	SLU 25	0.04	-0.38	12.38	0	0	0
43	SLU 26	0.04	-0.37	12.28	0	0	0
43	SLU 27	0.03	-0.38	12.53	0	0	0
43	SLU 28	0.03	-0.38	12.53	0	0	0
43	SLU 29	0.03	-0.38	12.42	0	0	0
43	SLU 30	0.03	-0.38	12.43	0	0	0
43	SLU 31	0.02	-0.39	13.51	0	0	0
43	SLU 32	0.01	-0.4	13.75	0	0	0
43	SLU 33	0.01	-0.4	13.76	0	0	0
43	SLU 34	0.01	-0.39	13.66	0	0	0
43	SLU 35	0.01	-0.4	13.9	0	0	0
43	SLU 36	0.01	-0.4	13.91	0	0	0
43	SLU 37	0.01	-0.4	13.8	0	0	0
43	SLU 38	0.01	-0.39	13.81	0	0	0
43	SLU 39	0.01	-0.41	14.09	0	0	0
43	SLU 40	0.01	-0.4	14.1	0	0	0
43	SLU 41	0	-0.41	14.24	0	0	0
43	SLU 42	0	-0.4	14.25	0	0	0
43	SLU 43	0.05	-0.5	13.75	0	0	0
43	SLU 44	0.05	-0.5	13.76	0	0	0
43	SLU 45	0.05	-0.51	14	0	0	0
43	SLU 46	0.05	-0.5	14.01	0	0	0
43	SLU 47	0.05	-0.5	13.91	0	0	0
43	SLU 48	0.04	-0.51	14.15	0	0	0
43	SLU 49	0.04	-0.5	14.16	0	0	0
43	SLU 50	0.04	-0.5	14.05	0	0	0
43	SLU 51	0.04	-0.5	14.06	0	0	0
43	SLU 52	0.03	-0.51	15.14	0	0	0
43	SLU 53	0.02	-0.52	15.38	0	0	0
43	SLU 54	0.02	-0.52	15.39	0	0	0
43	SLU 55	0.02	-0.51	15.29	0	0	0
43	SLU 56	0.02	-0.52	15.53	0	0	0
43	SLU 57	0.02	-0.52	15.54	0	0	0
43	SLU 58	0.02	-0.52	15.43	0	0	0
43	SLU 59	0.02	-0.52	15.44	0	0	0
43	SLU 60	0.02	-0.53	15.72	0	0	0
43	SLU 61	0.02	-0.52	15.73	0	0	0
43	SLU 62	0.01	-0.53	15.87	0	0	0
43	SLU 63	0.01	-0.52	15.88	0	0	0
43	SLU 64	0.05	-0.5	14.97	0	0	0
43	SLU 65	0.05	-0.49	14.98	0	0	0
43	SLU 66	0.05	-0.5	15.23	0	0	0
43	SLU 67	0.05	-0.5	15.23	0	0	0
43	SLU 68	0.05	-0.49	15.13	0	0	0
43	SLU 69	0.04	-0.5	15.38	0	0	0
43	SLU 70	0.04	-0.5	15.38	0	0	0
43	SLU 71	0.04	-0.5	15.27	0	0	0
43	SLU 72	0.04	-0.49	15.28	0	0	0
43	SLU 73	0.03	-0.51	16.36	0	0	0
43	SLU 74	0.02	-0.52	16.61	0	0	0
43	SLU 75	0.02	-0.51	16.61	0	0	0
43	SLU 76	0.02	-0.51	16.51	0	0	0
43	SLU 77	0.02	-0.52	16.76	0	0	0
43	SLU 78	0.02	-0.51	16.76	0	0	0
43	SLU 79	0.02	-0.52	16.65	0	0	0
43	SLU 80	0.02	-0.51	16.66	0	0	0
43	SLU 81	0.02	-0.52	16.94	0	0	0
43	SLU 82	0.02	-0.52	16.95	0	0	0
43	SLU 83	0.01	-0.52	17.09	0	0	0
43	SLU 84	0.01	-0.52	17.1	0	0	0
43	SLE RA 1	0.04	-0.38	11.25	0	0	0
43	SLE RA 2	0.04	-0.38	11.26	0	0	0
43	SLE RA 3	0.04	-0.39	11.42	0	0	0
43	SLE RA 4	0.04	-0.38	11.42	0	0	0
43	SLE RA 5	0.04	-0.38	11.36	0	0	0
43	SLE RA 6	0.03	-0.39	11.52	0	0	0
43	SLE RA 7	0.03	-0.38	11.52	0	0	0
43	SLE RA 8	0.03	-0.38	11.45	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
43	SLE RA 9	0.03	-0.38	11.45	0	0	0
43	SLE RA 10	0.02	-0.39	12.17	0	0	0
43	SLE RA 11	0.02	-0.4	12.34	0	0	0
43	SLE RA 12	0.02	-0.39	12.34	0	0	0
43	SLE RA 13	0.02	-0.39	12.28	0	0	0
43	SLE RA 14	0.02	-0.4	12.44	0	0	0
43	SLE RA 15	0.02	-0.39	12.44	0	0	0
43	SLE RA 16	0.02	-0.4	12.37	0	0	0
43	SLE RA 17	0.02	-0.39	12.37	0	0	0
43	SLE RA 18	0.02	-0.4	12.56	0	0	0
43	SLE RA 19	0.02	-0.4	12.57	0	0	0
43	SLE RA 20	0.01	-0.4	12.66	0	0	0
43	SLE RA 21	0.01	-0.4	12.67	0	0	0
43	SLE FR 1	0.04	-0.38	11.25	0	0	0
43	SLE FR 2	0.04	-0.38	11.25	0	0	0
43	SLE FR 3	0.04	-0.38	11.29	0	0	0
43	SLE FR 4	0.03	-0.39	11.64	0	0	0
43	SLE FR 5	0.03	-0.39	11.68	0	0	0
43	SLE FR 6	0.03	-0.39	11.91	0	0	0
43	SLE QP 1	0.04	-0.38	11.25	0	0	0
43	SLE QP 2	0.03	-0.39	11.64	0	0	0
43	SLD 1	0.76	-0.31	11.52	0	0	0
43	SLD 2	0.78	-0.29	11.52	0	0	0
43	SLD 3	0.72	-0.52	11.58	0	0	0
43	SLD 4	0.74	-0.5	11.59	0	0	0
43	SLD 5	0.31	-0.04	11.51	0	0	0
43	SLD 6	0.32	-0.03	11.51	0	0	0
43	SLD 7	0.18	-0.76	11.72	0	0	0
43	SLD 8	0.19	-0.75	11.72	0	0	0
43	SLD 9	-0.12	-0.03	11.57	0	0	0
43	SLD 10	-0.11	-0.02	11.57	0	0	0
43	SLD 11	-0.25	-0.75	11.77	0	0	0
43	SLD 12	-0.24	-0.74	11.77	0	0	0
43	SLD 13	-0.67	-0.28	11.7	0	0	0
43	SLD 14	-0.66	-0.26	11.7	0	0	0
43	SLD 15	-0.71	-0.49	11.76	0	0	0
43	SLD 16	-0.7	-0.47	11.76	0	0	0
43	SLV 1	1.74	-0.2	11.36	0	0	0
43	SLV 2	1.77	-0.16	11.37	0	0	0
43	SLV 3	1.65	-0.69	11.5	0	0	0
43	SLV 4	1.68	-0.65	11.51	0	0	0
43	SLV 5	0.68	0.4	11.34	0	0	0
43	SLV 6	0.7	0.43	11.35	0	0	0
43	SLV 7	0.38	-1.23	11.81	0	0	0
43	SLV 8	0.4	-1.2	11.82	0	0	0
43	SLV 9	-0.33	0.42	11.47	0	0	0
43	SLV 10	-0.31	0.45	11.47	0	0	0
43	SLV 11	-0.63	-1.21	11.94	0	0	0
43	SLV 12	-0.61	-1.18	11.94	0	0	0
43	SLV 13	-1.62	-0.13	11.78	0	0	0
43	SLV 14	-1.58	-0.09	11.78	0	0	0
43	SLV 15	-1.71	-0.62	11.92	0	0	0
43	SLV 16	-1.67	-0.58	11.93	0	0	0
44	SLU 1	0.03	-0.33	9.67	0	0	0
44	SLU 2	0.03	-0.32	9.68	0	0	0
44	SLU 3	0.03	-0.33	9.89	0	0	0
44	SLU 4	0.03	-0.33	9.89	0	0	0
44	SLU 5	0.03	-0.32	9.81	0	0	0
44	SLU 6	0.02	-0.33	10.02	0	0	0
44	SLU 7	0.02	-0.33	10.03	0	0	0
44	SLU 8	0.02	-0.33	9.93	0	0	0
44	SLU 9	0.02	-0.33	9.93	0	0	0
44	SLU 10	0.01	-0.34	10.89	0	0	0
44	SLU 11	0.01	-0.35	11.1	0	0	0
44	SLU 12	0.01	-0.34	11.11	0	0	0
44	SLU 13	0.01	-0.34	11.02	0	0	0
44	SLU 14	0	-0.35	11.23	0	0	0
44	SLU 15	0	-0.34	11.24	0	0	0
44	SLU 16	0	-0.35	11.14	0	0	0
44	SLU 17	0	-0.34	11.15	0	0	0
44	SLU 18	0	-0.35	11.4	0	0	0
44	SLU 19	0	-0.35	11.4	0	0	0
44	SLU 20	0	-0.35	11.53	0	0	0
44	SLU 21	0	-0.35	11.54	0	0	0
44	SLU 22	0.04	-0.33	10.75	0	0	0
44	SLU 23	0.04	-0.32	10.76	0	0	0
44	SLU 24	0.03	-0.33	10.97	0	0	0
44	SLU 25	0.03	-0.32	10.98	0	0	0
44	SLU 26	0.03	-0.32	10.89	0	0	0
44	SLU 27	0.03	-0.33	11.1	0	0	0
44	SLU 28	0.02	-0.32	11.11	0	0	0
44	SLU 29	0.02	-0.33	11.01	0	0	0
44	SLU 30	0.02	-0.32	11.02	0	0	0
44	SLU 31	0.01	-0.33	11.97	0	0	0
44	SLU 32	0.01	-0.34	12.19	0	0	0
44	SLU 33	0.01	-0.34	12.19	0	0	0
44	SLU 34	0.01	-0.33	12.1	0	0	0
44	SLU 35	0	-0.34	12.32	0	0	0
44	SLU 36	0	-0.34	12.32	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
44	SLU 37	0	-0.34	12.22	0	0	0
44	SLU 38	0	-0.33	12.23	0	0	0
44	SLU 39	0.01	-0.35	12.48	0	0	0
44	SLU 40	0.01	-0.34	12.49	0	0	0
44	SLU 41	0	-0.35	12.61	0	0	0
44	SLU 42	0	-0.34	12.62	0	0	0
44	SLU 43	0.04	-0.43	12.19	0	0	0
44	SLU 44	0.04	-0.43	12.2	0	0	0
44	SLU 45	0.04	-0.43	12.42	0	0	0
44	SLU 46	0.04	-0.43	12.42	0	0	0
44	SLU 47	0.04	-0.43	12.33	0	0	0
44	SLU 48	0.03	-0.43	12.55	0	0	0
44	SLU 49	0.03	-0.43	12.55	0	0	0
44	SLU 50	0.03	-0.43	12.46	0	0	0
44	SLU 51	0.03	-0.43	12.46	0	0	0
44	SLU 52	0.02	-0.44	13.42	0	0	0
44	SLU 53	0.02	-0.45	13.63	0	0	0
44	SLU 54	0.02	-0.44	13.64	0	0	0
44	SLU 55	0.02	-0.44	13.55	0	0	0
44	SLU 56	0.01	-0.45	13.76	0	0	0
44	SLU 57	0.01	-0.44	13.77	0	0	0
44	SLU 58	0.01	-0.45	13.67	0	0	0
44	SLU 59	0.01	-0.44	13.67	0	0	0
44	SLU 60	0.01	-0.45	13.93	0	0	0
44	SLU 61	0.01	-0.45	13.93	0	0	0
44	SLU 62	0.01	-0.45	14.06	0	0	0
44	SLU 63	0.01	-0.45	14.06	0	0	0
44	SLU 64	0.04	-0.43	13.28	0	0	0
44	SLU 65	0.04	-0.42	13.29	0	0	0
44	SLU 66	0.04	-0.43	13.5	0	0	0
44	SLU 67	0.04	-0.42	13.51	0	0	0
44	SLU 68	0.04	-0.42	13.42	0	0	0
44	SLU 69	0.03	-0.43	13.63	0	0	0
44	SLU 70	0.03	-0.42	13.64	0	0	0
44	SLU 71	0.03	-0.43	13.54	0	0	0
44	SLU 72	0.03	-0.42	13.55	0	0	0
44	SLU 73	0.02	-0.43	14.5	0	0	0
44	SLU 74	0.02	-0.44	14.71	0	0	0
44	SLU 75	0.02	-0.44	14.72	0	0	0
44	SLU 76	0.02	-0.43	14.63	0	0	0
44	SLU 77	0.01	-0.44	14.84	0	0	0
44	SLU 78	0.01	-0.44	14.85	0	0	0
44	SLU 79	0.01	-0.44	14.75	0	0	0
44	SLU 80	0.01	-0.44	14.76	0	0	0
44	SLU 81	0.01	-0.45	15.01	0	0	0
44	SLU 82	0.01	-0.44	15.02	0	0	0
44	SLU 83	0.01	-0.45	15.14	0	0	0
44	SLU 84	0.01	-0.44	15.15	0	0	0
44	SLE RA 1	0.03	-0.33	9.98	0	0	0
44	SLE RA 2	0.03	-0.32	9.98	0	0	0
44	SLE RA 3	0.03	-0.33	10.12	0	0	0
44	SLE RA 4	0.03	-0.33	10.13	0	0	0
44	SLE RA 5	0.03	-0.32	10.07	0	0	0
44	SLE RA 6	0.03	-0.33	10.21	0	0	0
44	SLE RA 7	0.03	-0.33	10.22	0	0	0
44	SLE RA 8	0.03	-0.33	10.15	0	0	0
44	SLE RA 9	0.03	-0.33	10.15	0	0	0
44	SLE RA 10	0.02	-0.33	10.79	0	0	0
44	SLE RA 11	0.02	-0.34	10.93	0	0	0
44	SLE RA 12	0.02	-0.34	10.94	0	0	0
44	SLE RA 13	0.02	-0.33	10.88	0	0	0
44	SLE RA 14	0.01	-0.34	11.02	0	0	0
44	SLE RA 15	0.01	-0.34	11.02	0	0	0
44	SLE RA 16	0.01	-0.34	10.96	0	0	0
44	SLE RA 17	0.01	-0.34	10.96	0	0	0
44	SLE RA 18	0.01	-0.34	11.13	0	0	0
44	SLE RA 19	0.01	-0.34	11.13	0	0	0
44	SLE RA 20	0.01	-0.34	11.22	0	0	0
44	SLE RA 21	0.01	-0.34	11.22	0	0	0
44	SLE FR 1	0.03	-0.33	9.98	0	0	0
44	SLE FR 2	0.03	-0.33	9.98	0	0	0
44	SLE FR 3	0.03	-0.33	10.01	0	0	0
44	SLE FR 4	0.03	-0.33	10.32	0	0	0
44	SLE FR 5	0.03	-0.33	10.36	0	0	0
44	SLE FR 6	0.02	-0.34	10.55	0	0	0
44	SLE QP 1	0.03	-0.33	9.98	0	0	0
44	SLE QP 2	0.03	-0.33	10.32	0	0	0
44	SLD 1	0.68	-0.26	10.18	0	0	0
44	SLD 2	0.69	-0.24	10.18	0	0	0
44	SLD 3	0.64	-0.45	10.23	0	0	0
44	SLD 4	0.66	-0.43	10.23	0	0	0
44	SLD 5	0.28	-0.03	10.21	0	0	0
44	SLD 6	0.28	-0.01	10.21	0	0	0
44	SLD 7	0.16	-0.66	10.37	0	0	0
44	SLD 8	0.16	-0.65	10.37	0	0	0
44	SLD 9	-0.11	-0.02	10.28	0	0	0
44	SLD 10	-0.1	-0.01	10.28	0	0	0
44	SLD 11	-0.23	-0.65	10.44	0	0	0
44	SLD 12	-0.22	-0.64	10.44	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
44	SLD 13	-0.6	-0.24	10.42	0	0	0
44	SLD 14	-0.59	-0.22	10.42	0	0	0
44	SLD 15	-0.64	-0.43	10.47	0	0	0
44	SLD 16	-0.62	-0.41	10.47	0	0	0
44	SLV 1	1.55	-0.17	9.99	0	0	0
44	SLV 2	1.58	-0.12	9.98	0	0	0
44	SLV 3	1.47	-0.6	10.1	0	0	0
44	SLV 4	1.5	-0.55	10.1	0	0	0
44	SLV 5	0.6	0.36	10.05	0	0	0
44	SLV 6	0.62	0.39	10.05	0	0	0
44	SLV 7	0.33	-1.08	10.42	0	0	0
44	SLV 8	0.35	-1.05	10.42	0	0	0
44	SLV 9	-0.29	0.38	10.22	0	0	0
44	SLV 10	-0.28	0.41	10.22	0	0	0
44	SLV 11	-0.57	-1.06	10.59	0	0	0
44	SLV 12	-0.55	-1.03	10.59	0	0	0
44	SLV 13	-1.44	-0.11	10.55	0	0	0
44	SLV 14	-1.41	-0.06	10.55	0	0	0
44	SLV 15	-1.52	-0.54	10.66	0	0	0
44	SLV 16	-1.5	-0.5	10.66	0	0	0
45	SLU 1	0.02	-0.22	6.66	0	0	0
45	SLU 2	0.02	-0.22	6.67	0	0	0
45	SLU 3	0.02	-0.22	6.81	0	0	0
45	SLU 4	0.02	-0.22	6.82	0	0	0
45	SLU 5	0.02	-0.22	6.76	0	0	0
45	SLU 6	0.01	-0.22	6.9	0	0	0
45	SLU 7	0.01	-0.22	6.91	0	0	0
45	SLU 8	0.01	-0.22	6.84	0	0	0
45	SLU 9	0.01	-0.22	6.84	0	0	0
45	SLU 10	0.01	-0.23	7.5	0	0	0
45	SLU 11	0	-0.23	7.65	0	0	0
45	SLU 12	0	-0.23	7.65	0	0	0
45	SLU 13	0	-0.23	7.59	0	0	0
45	SLU 14	0	-0.23	7.73	0	0	0
45	SLU 15	0	-0.23	7.74	0	0	0
45	SLU 16	0	-0.23	7.67	0	0	0
45	SLU 17	0	-0.23	7.67	0	0	0
45	SLU 18	0	-0.24	7.85	0	0	0
45	SLU 19	0	-0.23	7.85	0	0	0
45	SLU 20	0	-0.23	7.94	0	0	0
45	SLU 21	0	-0.23	7.94	0	0	0
45	SLU 22	0.02	-0.22	7.41	0	0	0
45	SLU 23	0.02	-0.21	7.42	0	0	0
45	SLU 24	0.02	-0.22	7.56	0	0	0
45	SLU 25	0.02	-0.22	7.57	0	0	0
45	SLU 26	0.02	-0.21	7.51	0	0	0
45	SLU 27	0.02	-0.22	7.65	0	0	0
45	SLU 28	0.02	-0.22	7.66	0	0	0
45	SLU 29	0.01	-0.22	7.59	0	0	0
45	SLU 30	0.01	-0.21	7.59	0	0	0
45	SLU 31	0.01	-0.22	8.25	0	0	0
45	SLU 32	0	-0.23	8.39	0	0	0
45	SLU 33	0	-0.22	8.4	0	0	0
45	SLU 34	0	-0.22	8.34	0	0	0
45	SLU 35	0	-0.23	8.48	0	0	0
45	SLU 36	0	-0.22	8.49	0	0	0
45	SLU 37	0	-0.23	8.42	0	0	0
45	SLU 38	0	-0.22	8.42	0	0	0
45	SLU 39	0	-0.23	8.6	0	0	0
45	SLU 40	0	-0.23	8.6	0	0	0
45	SLU 41	0	-0.23	8.69	0	0	0
45	SLU 42	0	-0.23	8.69	0	0	0
45	SLU 43	0.03	-0.29	8.4	0	0	0
45	SLU 44	0.03	-0.29	8.41	0	0	0
45	SLU 45	0.02	-0.29	8.56	0	0	0
45	SLU 46	0.02	-0.29	8.56	0	0	0
45	SLU 47	0.02	-0.29	8.5	0	0	0
45	SLU 48	0.02	-0.29	8.64	0	0	0
45	SLU 49	0.02	-0.29	8.65	0	0	0
45	SLU 50	0.02	-0.29	8.58	0	0	0
45	SLU 51	0.02	-0.29	8.59	0	0	0
45	SLU 52	0.01	-0.29	9.24	0	0	0
45	SLU 53	0.01	-0.3	9.39	0	0	0
45	SLU 54	0.01	-0.3	9.39	0	0	0
45	SLU 55	0.01	-0.29	9.33	0	0	0
45	SLU 56	0.01	-0.3	9.48	0	0	0
45	SLU 57	0.01	-0.3	9.48	0	0	0
45	SLU 58	0.01	-0.3	9.41	0	0	0
45	SLU 59	0.01	-0.3	9.42	0	0	0
45	SLU 60	0.01	-0.3	9.59	0	0	0
45	SLU 61	0.01	-0.3	9.59	0	0	0
45	SLU 62	0	-0.3	9.68	0	0	0
45	SLU 63	0	-0.3	9.68	0	0	0
45	SLU 64	0.03	-0.29	9.15	0	0	0
45	SLU 65	0.03	-0.28	9.16	0	0	0
45	SLU 66	0.03	-0.29	9.3	0	0	0
45	SLU 67	0.03	-0.28	9.31	0	0	0
45	SLU 68	0.02	-0.28	9.25	0	0	0
45	SLU 69	0.02	-0.29	9.39	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
45	SLU 70	0.02	-0.28	9.4	0	0	0
45	SLU 71	0.02	-0.29	9.33	0	0	0
45	SLU 72	0.02	-0.28	9.33	0	0	0
45	SLU 73	0.01	-0.29	9.99	0	0	0
45	SLU 74	0.01	-0.3	10.14	0	0	0
45	SLU 75	0.01	-0.29	10.14	0	0	0
45	SLU 76	0.01	-0.29	10.08	0	0	0
45	SLU 77	0.01	-0.3	10.22	0	0	0
45	SLU 78	0.01	-0.29	10.23	0	0	0
45	SLU 79	0.01	-0.29	10.16	0	0	0
45	SLU 80	0.01	-0.29	10.16	0	0	0
45	SLU 81	0.01	-0.3	10.34	0	0	0
45	SLU 82	0.01	-0.3	10.34	0	0	0
45	SLU 83	0	-0.3	10.43	0	0	0
45	SLU 84	0	-0.3	10.43	0	0	0
45	SLE RA 1	0.02	-0.22	6.88	0	0	0
45	SLE RA 2	0.02	-0.22	6.88	0	0	0
45	SLE RA 3	0.02	-0.22	6.98	0	0	0
45	SLE RA 4	0.02	-0.22	6.98	0	0	0
45	SLE RA 5	0.02	-0.22	6.94	0	0	0
45	SLE RA 6	0.02	-0.22	7.04	0	0	0
45	SLE RA 7	0.02	-0.22	7.04	0	0	0
45	SLE RA 8	0.02	-0.22	6.99	0	0	0
45	SLE RA 9	0.02	-0.22	7	0	0	0
45	SLE RA 10	0.01	-0.22	7.43	0	0	0
45	SLE RA 11	0.01	-0.23	7.53	0	0	0
45	SLE RA 12	0.01	-0.23	7.53	0	0	0
45	SLE RA 13	0.01	-0.22	7.49	0	0	0
45	SLE RA 14	0.01	-0.23	7.59	0	0	0
45	SLE RA 15	0.01	-0.23	7.59	0	0	0
45	SLE RA 16	0.01	-0.23	7.55	0	0	0
45	SLE RA 17	0.01	-0.22	7.55	0	0	0
45	SLE RA 18	0.01	-0.23	7.67	0	0	0
45	SLE RA 19	0.01	-0.23	7.67	0	0	0
45	SLE RA 20	0	-0.23	7.73	0	0	0
45	SLE RA 21	0	-0.23	7.73	0	0	0
45	SLE FR 1	0.02	-0.22	6.88	0	0	0
45	SLE FR 2	0.02	-0.22	6.88	0	0	0
45	SLE FR 3	0.02	-0.22	6.9	0	0	0
45	SLE FR 4	0.02	-0.22	7.11	0	0	0
45	SLE FR 5	0.02	-0.22	7.14	0	0	0
45	SLE FR 6	0.01	-0.23	7.27	0	0	0
45	SLE QP 1	0.02	-0.22	6.88	0	0	0
45	SLE QP 2	0.02	-0.22	7.11	0	0	0
45	SLD 1	0.47	-0.18	6.99	0	0	0
45	SLD 2	0.48	-0.16	6.99	0	0	0
45	SLD 3	0.44	-0.31	7.02	0	0	0
45	SLD 4	0.45	-0.29	7.02	0	0	0
45	SLD 5	0.19	-0.01	7.02	0	0	0
45	SLD 6	0.19	0	7.02	0	0	0
45	SLD 7	0.11	-0.45	7.14	0	0	0
45	SLD 8	0.11	-0.44	7.14	0	0	0
45	SLD 9	-0.08	-0.01	7.09	0	0	0
45	SLD 10	-0.07	0	7.09	0	0	0
45	SLD 11	-0.16	-0.44	7.2	0	0	0
45	SLD 12	-0.15	-0.43	7.2	0	0	0
45	SLD 13	-0.42	-0.16	7.2	0	0	0
45	SLD 14	-0.41	-0.14	7.2	0	0	0
45	SLD 15	-0.44	-0.29	7.24	0	0	0
45	SLD 16	-0.43	-0.27	7.24	0	0	0
45	SLV 1	1.07	-0.12	6.83	0	0	0
45	SLV 2	1.09	-0.08	6.82	0	0	0
45	SLV 3	1.02	-0.41	6.9	0	0	0
45	SLV 4	1.03	-0.37	6.9	0	0	0
45	SLV 5	0.42	0.25	6.91	0	0	0
45	SLV 6	0.43	0.28	6.91	0	0	0
45	SLV 7	0.23	-0.74	7.17	0	0	0
45	SLV 8	0.24	-0.71	7.17	0	0	0
45	SLV 9	-0.2	0.26	7.06	0	0	0
45	SLV 10	-0.19	0.29	7.06	0	0	0
45	SLV 11	-0.39	-0.72	7.32	0	0	0
45	SLV 12	-0.38	-0.7	7.32	0	0	0
45	SLV 13	-1	-0.07	7.33	0	0	0
45	SLV 14	-0.98	-0.03	7.32	0	0	0
45	SLV 15	-1.06	-0.37	7.41	0	0	0
45	SLV 16	-1.04	-0.33	7.4	0	0	0
46	SLU 1	0.03	-0.26	8.25	0	0	0
46	SLU 2	0.03	-0.25	8.26	0	0	0
46	SLU 3	0.02	-0.26	8.44	0	0	0
46	SLU 4	0.02	-0.26	8.44	0	0	0
46	SLU 5	0.02	-0.25	8.36	0	0	0
46	SLU 6	0.02	-0.26	8.54	0	0	0
46	SLU 7	0.02	-0.26	8.55	0	0	0
46	SLU 8	0.02	-0.26	8.46	0	0	0
46	SLU 9	0.02	-0.25	8.47	0	0	0
46	SLU 10	0.01	-0.26	9.27	0	0	0
46	SLU 11	0	-0.27	9.45	0	0	0
46	SLU 12	0	-0.26	9.45	0	0	0
46	SLU 13	0	-0.26	9.38	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
46	SLU 14	0	-0.27	9.56	0	0	0
46	SLU 15	0	-0.26	9.56	0	0	0
46	SLU 16	0	-0.27	9.48	0	0	0
46	SLU 17	0	-0.26	9.48	0	0	0
46	SLU 18	0	-0.27	9.7	0	0	0
46	SLU 19	0	-0.27	9.7	0	0	0
46	SLU 20	0	-0.27	9.8	0	0	0
46	SLU 21	-0.01	-0.27	9.81	0	0	0
46	SLU 22	0.03	-0.25	9.18	0	0	0
46	SLU 23	0.03	-0.24	9.19	0	0	0
46	SLU 24	0.02	-0.25	9.36	0	0	0
46	SLU 25	0.02	-0.25	9.37	0	0	0
46	SLU 26	0.02	-0.24	9.29	0	0	0
46	SLU 27	0.02	-0.25	9.47	0	0	0
46	SLU 28	0.02	-0.25	9.47	0	0	0
46	SLU 29	0.02	-0.25	9.39	0	0	0
46	SLU 30	0.02	-0.25	9.39	0	0	0
46	SLU 31	0.01	-0.25	10.2	0	0	0
46	SLU 32	0	-0.26	10.38	0	0	0
46	SLU 33	0	-0.26	10.38	0	0	0
46	SLU 34	0	-0.25	10.31	0	0	0
46	SLU 35	0	-0.26	10.48	0	0	0
46	SLU 36	0	-0.26	10.49	0	0	0
46	SLU 37	0	-0.26	10.4	0	0	0
46	SLU 38	0	-0.26	10.41	0	0	0
46	SLU 39	0	-0.26	10.63	0	0	0
46	SLU 40	0	-0.26	10.63	0	0	0
46	SLU 41	0	-0.26	10.73	0	0	0
46	SLU 42	0	-0.26	10.74	0	0	0
46	SLU 43	0.03	-0.34	10.41	0	0	0
46	SLU 44	0.03	-0.33	10.42	0	0	0
46	SLU 45	0.03	-0.34	10.59	0	0	0
46	SLU 46	0.03	-0.34	10.6	0	0	0
46	SLU 47	0.03	-0.33	10.52	0	0	0
46	SLU 48	0.02	-0.34	10.7	0	0	0
46	SLU 49	0.02	-0.34	10.7	0	0	0
46	SLU 50	0.02	-0.34	10.62	0	0	0
46	SLU 51	0.02	-0.33	10.63	0	0	0
46	SLU 52	0.02	-0.34	11.43	0	0	0
46	SLU 53	0.01	-0.35	11.61	0	0	0
46	SLU 54	0.01	-0.34	11.61	0	0	0
46	SLU 55	0.01	-0.34	11.54	0	0	0
46	SLU 56	0.01	-0.35	11.71	0	0	0
46	SLU 57	0.01	-0.34	11.72	0	0	0
46	SLU 58	0.01	-0.35	11.63	0	0	0
46	SLU 59	0.01	-0.34	11.64	0	0	0
46	SLU 60	0.01	-0.35	11.86	0	0	0
46	SLU 61	0.01	-0.35	11.86	0	0	0
46	SLU 62	0	-0.35	11.96	0	0	0
46	SLU 63	0	-0.35	11.97	0	0	0
46	SLU 64	0.03	-0.33	11.33	0	0	0
46	SLU 65	0.03	-0.32	11.34	0	0	0
46	SLU 66	0.03	-0.33	11.52	0	0	0
46	SLU 67	0.03	-0.33	11.52	0	0	0
46	SLU 68	0.03	-0.32	11.45	0	0	0
46	SLU 69	0.03	-0.33	11.63	0	0	0
46	SLU 70	0.03	-0.33	11.63	0	0	0
46	SLU 71	0.02	-0.33	11.55	0	0	0
46	SLU 72	0.02	-0.33	11.55	0	0	0
46	SLU 73	0.02	-0.33	12.36	0	0	0
46	SLU 74	0.01	-0.34	12.53	0	0	0
46	SLU 75	0.01	-0.34	12.54	0	0	0
46	SLU 76	0.01	-0.33	12.46	0	0	0
46	SLU 77	0.01	-0.34	12.64	0	0	0
46	SLU 78	0.01	-0.34	12.64	0	0	0
46	SLU 79	0.01	-0.34	12.56	0	0	0
46	SLU 80	0.01	-0.34	12.57	0	0	0
46	SLU 81	0.01	-0.34	12.78	0	0	0
46	SLU 82	0.01	-0.34	12.79	0	0	0
46	SLU 83	0	-0.34	12.89	0	0	0
46	SLU 84	0	-0.34	12.89	0	0	0
46	SLE RA 1	0.03	-0.26	8.51	0	0	0
46	SLE RA 2	0.03	-0.25	8.52	0	0	0
46	SLE RA 3	0.02	-0.26	8.64	0	0	0
46	SLE RA 4	0.02	-0.25	8.64	0	0	0
46	SLE RA 5	0.02	-0.25	8.59	0	0	0
46	SLE RA 6	0.02	-0.26	8.71	0	0	0
46	SLE RA 7	0.02	-0.25	8.71	0	0	0
46	SLE RA 8	0.02	-0.26	8.66	0	0	0
46	SLE RA 9	0.02	-0.25	8.66	0	0	0
46	SLE RA 10	0.01	-0.26	9.2	0	0	0
46	SLE RA 11	0.01	-0.26	9.31	0	0	0
46	SLE RA 12	0.01	-0.26	9.32	0	0	0
46	SLE RA 13	0.01	-0.26	9.27	0	0	0
46	SLE RA 14	0.01	-0.26	9.39	0	0	0
46	SLE RA 15	0.01	-0.26	9.39	0	0	0
46	SLE RA 16	0.01	-0.26	9.33	0	0	0
46	SLE RA 17	0.01	-0.26	9.34	0	0	0
46	SLE RA 18	0.01	-0.26	9.48	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
46	SLE RA 19	0.01	-0.26	9.48	0	0	0
46	SLE RA 20	0.01	-0.26	9.55	0	0	0
46	SLE RA 21	0.01	-0.26	9.55	0	0	0
46	SLE FR 1	0.03	-0.26	8.51	0	0	0
46	SLE FR 2	0.03	-0.26	8.52	0	0	0
46	SLE FR 3	0.03	-0.26	8.54	0	0	0
46	SLE FR 4	0.02	-0.26	8.81	0	0	0
46	SLE FR 5	0.02	-0.26	8.83	0	0	0
46	SLE FR 6	0.02	-0.26	9	0	0	0
46	SLE QP 1	0.03	-0.26	8.51	0	0	0
46	SLE QP 2	0.02	-0.26	8.8	0	0	0
46	SLD 1	0.58	-0.18	8.59	0	0	0
46	SLD 2	0.59	-0.15	8.59	0	0	0
46	SLD 3	0.55	-0.34	8.63	0	0	0
46	SLD 4	0.56	-0.31	8.63	0	0	0
46	SLD 5	0.23	0	8.69	0	0	0
46	SLD 6	0.24	0.02	8.68	0	0	0
46	SLD 7	0.13	-0.53	8.81	0	0	0
46	SLD 8	0.14	-0.51	8.81	0	0	0
46	SLD 9	-0.09	-0.01	8.8	0	0	0
46	SLD 10	-0.09	0.01	8.8	0	0	0
46	SLD 11	-0.2	-0.54	8.93	0	0	0
46	SLD 12	-0.19	-0.52	8.92	0	0	0
46	SLD 13	-0.52	-0.21	8.98	0	0	0
46	SLD 14	-0.51	-0.18	8.98	0	0	0
46	SLD 15	-0.55	-0.37	9.02	0	0	0
46	SLD 16	-0.54	-0.34	9.02	0	0	0
46	SLV 1	1.33	-0.08	8.31	0	0	0
46	SLV 2	1.35	-0.02	8.3	0	0	0
46	SLV 3	1.26	-0.44	8.4	0	0	0
46	SLV 4	1.28	-0.38	8.39	0	0	0
46	SLV 5	0.52	0.33	8.53	0	0	0
46	SLV 6	0.53	0.37	8.52	0	0	0
46	SLV 7	0.28	-0.87	8.81	0	0	0
46	SLV 8	0.3	-0.83	8.81	0	0	0
46	SLV 9	-0.25	0.31	8.8	0	0	0
46	SLV 10	-0.24	0.35	8.79	0	0	0
46	SLV 11	-0.49	-0.89	9.09	0	0	0
46	SLV 12	-0.48	-0.85	9.08	0	0	0
46	SLV 13	-1.24	-0.14	9.22	0	0	0
46	SLV 14	-1.22	-0.08	9.21	0	0	0
46	SLV 15	-1.31	-0.5	9.31	0	0	0
46	SLV 16	-1.29	-0.44	9.3	0	0	0
47	SLU 1	0.02	-0.14	4.78	0	0	0
47	SLU 2	0.02	-0.14	4.78	0	0	0
47	SLU 3	0.01	-0.14	4.88	0	0	0
47	SLU 4	0.01	-0.14	4.88	0	0	0
47	SLU 5	0.01	-0.14	4.84	0	0	0
47	SLU 6	0.01	-0.14	4.94	0	0	0
47	SLU 7	0.01	-0.14	4.94	0	0	0
47	SLU 8	0.01	-0.14	4.9	0	0	0
47	SLU 9	0.01	-0.14	4.9	0	0	0
47	SLU 10	0	-0.14	5.36	0	0	0
47	SLU 11	0	-0.15	5.46	0	0	0
47	SLU 12	0	-0.15	5.46	0	0	0
47	SLU 13	0	-0.14	5.42	0	0	0
47	SLU 14	0	-0.15	5.52	0	0	0
47	SLU 15	0	-0.15	5.52	0	0	0
47	SLU 16	0	-0.15	5.48	0	0	0
47	SLU 17	0	-0.14	5.48	0	0	0
47	SLU 18	0	-0.15	5.6	0	0	0
47	SLU 19	0	-0.15	5.61	0	0	0
47	SLU 20	0	-0.15	5.66	0	0	0
47	SLU 21	0	-0.15	5.67	0	0	0
47	SLU 22	0.02	-0.14	5.31	0	0	0
47	SLU 23	0.02	-0.13	5.32	0	0	0
47	SLU 24	0.01	-0.14	5.42	0	0	0
47	SLU 25	0.01	-0.14	5.42	0	0	0
47	SLU 26	0.01	-0.13	5.38	0	0	0
47	SLU 27	0.01	-0.14	5.48	0	0	0
47	SLU 28	0.01	-0.14	5.48	0	0	0
47	SLU 29	0.01	-0.14	5.43	0	0	0
47	SLU 30	0.01	-0.14	5.43	0	0	0
47	SLU 31	0	-0.14	5.9	0	0	0
47	SLU 32	0	-0.14	6	0	0	0
47	SLU 33	0	-0.14	6	0	0	0
47	SLU 34	0	-0.14	5.96	0	0	0
47	SLU 35	0	-0.14	6.06	0	0	0
47	SLU 36	0	-0.14	6.06	0	0	0
47	SLU 37	0	-0.14	6.01	0	0	0
47	SLU 38	0	-0.14	6.01	0	0	0
47	SLU 39	0	-0.14	6.14	0	0	0
47	SLU 40	0	-0.14	6.14	0	0	0
47	SLU 41	0	-0.14	6.2	0	0	0
47	SLU 42	0	-0.14	6.2	0	0	0
47	SLU 43	0.02	-0.19	6.02	0	0	0
47	SLU 44	0.02	-0.18	6.03	0	0	0
47	SLU 45	0.02	-0.19	6.13	0	0	0
47	SLU 46	0.02	-0.19	6.13	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
47	SLU 47	0.02	-0.18	6.09	0	0	0
47	SLU 48	0.01	-0.19	6.19	0	0	0
47	SLU 49	0.01	-0.19	6.19	0	0	0
47	SLU 50	0.01	-0.19	6.14	0	0	0
47	SLU 51	0.01	-0.19	6.15	0	0	0
47	SLU 52	0.01	-0.19	6.61	0	0	0
47	SLU 53	0.01	-0.19	6.71	0	0	0
47	SLU 54	0.01	-0.19	6.71	0	0	0
47	SLU 55	0.01	-0.19	6.67	0	0	0
47	SLU 56	0	-0.19	6.77	0	0	0
47	SLU 57	0	-0.19	6.77	0	0	0
47	SLU 58	0	-0.19	6.72	0	0	0
47	SLU 59	0	-0.19	6.73	0	0	0
47	SLU 60	0	-0.19	6.85	0	0	0
47	SLU 61	0	-0.19	6.86	0	0	0
47	SLU 62	0	-0.19	6.91	0	0	0
47	SLU 63	0	-0.19	6.92	0	0	0
47	SLU 64	0.02	-0.18	6.56	0	0	0
47	SLU 65	0.02	-0.18	6.57	0	0	0
47	SLU 66	0.02	-0.18	6.67	0	0	0
47	SLU 67	0.02	-0.18	6.67	0	0	0
47	SLU 68	0.02	-0.18	6.63	0	0	0
47	SLU 69	0.01	-0.18	6.73	0	0	0
47	SLU 70	0.01	-0.18	6.73	0	0	0
47	SLU 71	0.01	-0.18	6.68	0	0	0
47	SLU 72	0.01	-0.18	6.68	0	0	0
47	SLU 73	0.01	-0.18	7.15	0	0	0
47	SLU 74	0.01	-0.19	7.25	0	0	0
47	SLU 75	0.01	-0.19	7.25	0	0	0
47	SLU 76	0.01	-0.18	7.21	0	0	0
47	SLU 77	0	-0.19	7.31	0	0	0
47	SLU 78	0	-0.19	7.31	0	0	0
47	SLU 79	0	-0.19	7.26	0	0	0
47	SLU 80	0	-0.18	7.26	0	0	0
47	SLU 81	0	-0.19	7.39	0	0	0
47	SLU 82	0	-0.19	7.39	0	0	0
47	SLU 83	0	-0.19	7.45	0	0	0
47	SLU 84	0	-0.19	7.45	0	0	0
47	SLE RA 1	0.02	-0.14	4.93	0	0	0
47	SLE RA 2	0.02	-0.14	4.93	0	0	0
47	SLE RA 3	0.01	-0.14	5	0	0	0
47	SLE RA 4	0.01	-0.14	5	0	0	0
47	SLE RA 5	0.01	-0.14	4.97	0	0	0
47	SLE RA 6	0.01	-0.14	5.04	0	0	0
47	SLE RA 7	0.01	-0.14	5.04	0	0	0
47	SLE RA 8	0.01	-0.14	5.01	0	0	0
47	SLE RA 9	0.01	-0.14	5.01	0	0	0
47	SLE RA 10	0.01	-0.14	5.32	0	0	0
47	SLE RA 11	0.01	-0.15	5.39	0	0	0
47	SLE RA 12	0.01	-0.14	5.39	0	0	0
47	SLE RA 13	0.01	-0.14	5.36	0	0	0
47	SLE RA 14	0	-0.14	5.43	0	0	0
47	SLE RA 15	0	-0.14	5.43	0	0	0
47	SLE RA 16	0	-0.14	5.4	0	0	0
47	SLE RA 17	0	-0.14	5.4	0	0	0
47	SLE RA 18	0.01	-0.15	5.48	0	0	0
47	SLE RA 19	0.01	-0.14	5.48	0	0	0
47	SLE RA 20	0	-0.15	5.52	0	0	0
47	SLE RA 21	0	-0.14	5.52	0	0	0
47	SLE FR 1	0.02	-0.14	4.93	0	0	0
47	SLE FR 2	0.02	-0.14	4.93	0	0	0
47	SLE FR 3	0.01	-0.14	4.94	0	0	0
47	SLE FR 4	0.01	-0.14	5.1	0	0	0
47	SLE FR 5	0.01	-0.14	5.11	0	0	0
47	SLE FR 6	0.01	-0.14	5.21	0	0	0
47	SLE QP 1	0.02	-0.14	4.93	0	0	0
47	SLE QP 2	0.01	-0.14	5.09	0	0	0
47	SLD 1	0.34	-0.1	4.95	0	0	0
47	SLD 2	0.34	-0.08	4.94	0	0	0
47	SLD 3	0.32	-0.19	4.97	0	0	0
47	SLD 4	0.32	-0.17	4.96	0	0	0
47	SLD 5	0.14	0.01	5.02	0	0	0
47	SLD 6	0.14	0.02	5.01	0	0	0
47	SLD 7	0.08	-0.3	5.09	0	0	0
47	SLD 8	0.08	-0.29	5.09	0	0	0
47	SLD 9	-0.06	0	5.1	0	0	0
47	SLD 10	-0.05	0.01	5.1	0	0	0
47	SLD 11	-0.12	-0.3	5.18	0	0	0
47	SLD 12	-0.11	-0.29	5.17	0	0	0
47	SLD 13	-0.3	-0.11	5.22	0	0	0
47	SLD 14	-0.29	-0.1	5.22	0	0	0
47	SLD 15	-0.32	-0.21	5.25	0	0	0
47	SLD 16	-0.31	-0.19	5.24	0	0	0
47	SLV 1	0.77	-0.04	4.75	0	0	0
47	SLV 2	0.79	0	4.74	0	0	0
47	SLV 3	0.73	-0.25	4.8	0	0	0
47	SLV 4	0.74	-0.21	4.79	0	0	0
47	SLV 5	0.3	0.19	4.91	0	0	0
47	SLV 6	0.31	0.22	4.91	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
47	SLV 7	0.16	-0.5	5.09	0	0	0
47	SLV 8	0.17	-0.47	5.08	0	0	0
47	SLV 9	-0.15	0.18	5.11	0	0	0
47	SLV 10	-0.14	0.21	5.1	0	0	0
47	SLV 11	-0.28	-0.51	5.28	0	0	0
47	SLV 12	-0.28	-0.48	5.28	0	0	0
47	SLV 13	-0.72	-0.08	5.4	0	0	0
47	SLV 14	-0.71	-0.04	5.39	0	0	0
47	SLV 15	-0.76	-0.29	5.45	0	0	0
47	SLV 16	-0.75	-0.24	5.44	0	0	0
48	SLU 1	0.02	-0.22	6.64	0	0	0
48	SLU 2	0.02	-0.21	6.65	0	0	0
48	SLU 3	0.02	-0.22	6.79	0	0	0
48	SLU 4	0.02	-0.21	6.8	0	0	0
48	SLU 5	0.02	-0.21	6.74	0	0	0
48	SLU 6	0.01	-0.22	6.88	0	0	0
48	SLU 7	0.01	-0.21	6.88	0	0	0
48	SLU 8	0.01	-0.21	6.82	0	0	0
48	SLU 9	0.01	-0.21	6.82	0	0	0
48	SLU 10	0.01	-0.22	7.47	0	0	0
48	SLU 11	0	-0.22	7.62	0	0	0
48	SLU 12	0	-0.22	7.62	0	0	0
48	SLU 13	0	-0.22	7.56	0	0	0
48	SLU 14	0	-0.22	7.7	0	0	0
48	SLU 15	0	-0.22	7.71	0	0	0
48	SLU 16	0	-0.22	7.64	0	0	0
48	SLU 17	0	-0.22	7.64	0	0	0
48	SLU 18	0	-0.23	7.82	0	0	0
48	SLU 19	0	-0.22	7.82	0	0	0
48	SLU 20	0	-0.23	7.9	0	0	0
48	SLU 21	0	-0.22	7.91	0	0	0
48	SLU 22	0.02	-0.21	7.39	0	0	0
48	SLU 23	0.02	-0.2	7.4	0	0	0
48	SLU 24	0.02	-0.21	7.54	0	0	0
48	SLU 25	0.02	-0.21	7.54	0	0	0
48	SLU 26	0.02	-0.2	7.48	0	0	0
48	SLU 27	0.01	-0.21	7.63	0	0	0
48	SLU 28	0.01	-0.21	7.63	0	0	0
48	SLU 29	0.01	-0.21	7.56	0	0	0
48	SLU 30	0.01	-0.21	7.57	0	0	0
48	SLU 31	0.01	-0.21	8.22	0	0	0
48	SLU 32	0	-0.22	8.36	0	0	0
48	SLU 33	0	-0.22	8.37	0	0	0
48	SLU 34	0	-0.21	8.31	0	0	0
48	SLU 35	0	-0.22	8.45	0	0	0
48	SLU 36	0	-0.22	8.45	0	0	0
48	SLU 37	0	-0.22	8.39	0	0	0
48	SLU 38	0	-0.21	8.39	0	0	0
48	SLU 39	0	-0.22	8.56	0	0	0
48	SLU 40	0	-0.22	8.57	0	0	0
48	SLU 41	0	-0.22	8.65	0	0	0
48	SLU 42	0	-0.22	8.66	0	0	0
48	SLU 43	0.03	-0.28	8.38	0	0	0
48	SLU 44	0.03	-0.28	8.39	0	0	0
48	SLU 45	0.02	-0.28	8.53	0	0	0
48	SLU 46	0.02	-0.28	8.53	0	0	0
48	SLU 47	0.02	-0.28	8.47	0	0	0
48	SLU 48	0.02	-0.28	8.62	0	0	0
48	SLU 49	0.02	-0.28	8.62	0	0	0
48	SLU 50	0.02	-0.28	8.55	0	0	0
48	SLU 51	0.02	-0.28	8.56	0	0	0
48	SLU 52	0.01	-0.28	9.21	0	0	0
48	SLU 53	0.01	-0.29	9.35	0	0	0
48	SLU 54	0.01	-0.29	9.36	0	0	0
48	SLU 55	0.01	-0.28	9.3	0	0	0
48	SLU 56	0.01	-0.29	9.44	0	0	0
48	SLU 57	0.01	-0.29	9.44	0	0	0
48	SLU 58	0	-0.29	9.38	0	0	0
48	SLU 59	0	-0.29	9.38	0	0	0
48	SLU 60	0.01	-0.29	9.55	0	0	0
48	SLU 61	0.01	-0.29	9.56	0	0	0
48	SLU 62	0	-0.29	9.64	0	0	0
48	SLU 63	0	-0.29	9.65	0	0	0
48	SLU 64	0.03	-0.28	9.13	0	0	0
48	SLU 65	0.03	-0.27	9.13	0	0	0
48	SLU 66	0.02	-0.28	9.28	0	0	0
48	SLU 67	0.02	-0.27	9.28	0	0	0
48	SLU 68	0.02	-0.27	9.22	0	0	0
48	SLU 69	0.02	-0.28	9.36	0	0	0
48	SLU 70	0.02	-0.27	9.37	0	0	0
48	SLU 71	0.02	-0.28	9.3	0	0	0
48	SLU 72	0.02	-0.27	9.3	0	0	0
48	SLU 73	0.01	-0.28	9.95	0	0	0
48	SLU 74	0.01	-0.28	10.1	0	0	0
48	SLU 75	0.01	-0.28	10.1	0	0	0
48	SLU 76	0.01	-0.28	10.04	0	0	0
48	SLU 77	0.01	-0.28	10.19	0	0	0
48	SLU 78	0.01	-0.28	10.19	0	0	0
48	SLU 79	0.01	-0.28	10.12	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
48	SLU 80	0	-0.28	10.13	0	0	0
48	SLU 81	0.01	-0.29	10.3	0	0	0
48	SLU 82	0.01	-0.28	10.3	0	0	0
48	SLU 83	0	-0.29	10.39	0	0	0
48	SLU 84	0	-0.28	10.39	0	0	0
48	SLE RA 1	0.02	-0.21	6.86	0	0	0
48	SLE RA 2	0.02	-0.21	6.86	0	0	0
48	SLE RA 3	0.02	-0.21	6.96	0	0	0
48	SLE RA 4	0.02	-0.21	6.96	0	0	0
48	SLE RA 5	0.02	-0.21	6.92	0	0	0
48	SLE RA 6	0.02	-0.21	7.01	0	0	0
48	SLE RA 7	0.02	-0.21	7.02	0	0	0
48	SLE RA 8	0.02	-0.21	6.97	0	0	0
48	SLE RA 9	0.02	-0.21	6.97	0	0	0
48	SLE RA 10	0.01	-0.22	7.41	0	0	0
48	SLE RA 11	0.01	-0.22	7.5	0	0	0
48	SLE RA 12	0.01	-0.22	7.51	0	0	0
48	SLE RA 13	0.01	-0.22	7.47	0	0	0
48	SLE RA 14	0.01	-0.22	7.56	0	0	0
48	SLE RA 15	0.01	-0.22	7.57	0	0	0
48	SLE RA 16	0.01	-0.22	7.52	0	0	0
48	SLE RA 17	0.01	-0.22	7.52	0	0	0
48	SLE RA 18	0.01	-0.22	7.64	0	0	0
48	SLE RA 19	0.01	-0.22	7.64	0	0	0
48	SLE RA 20	0	-0.22	7.7	0	0	0
48	SLE RA 21	0	-0.22	7.7	0	0	0
48	SLE FR 1	0.02	-0.21	6.86	0	0	0
48	SLE FR 2	0.02	-0.21	6.86	0	0	0
48	SLE FR 3	0.02	-0.21	6.88	0	0	0
48	SLE FR 4	0.02	-0.22	7.09	0	0	0
48	SLE FR 5	0.02	-0.22	7.11	0	0	0
48	SLE FR 6	0.01	-0.22	7.25	0	0	0
48	SLE QP 1	0.02	-0.21	6.86	0	0	0
48	SLE QP 2	0.02	-0.22	7.09	0	0	0
48	SLD 1	0.47	-0.17	6.94	0	0	0
48	SLD 2	0.48	-0.15	6.94	0	0	0
48	SLD 3	0.44	-0.3	6.98	0	0	0
48	SLD 4	0.45	-0.28	6.97	0	0	0
48	SLD 5	0.19	-0.01	7	0	0	0
48	SLD 6	0.19	0	7	0	0	0
48	SLD 7	0.11	-0.44	7.11	0	0	0
48	SLD 8	0.11	-0.43	7.1	0	0	0
48	SLD 9	-0.08	0	7.08	0	0	0
48	SLD 10	-0.07	0.01	7.08	0	0	0
48	SLD 11	-0.16	-0.43	7.18	0	0	0
48	SLD 12	-0.16	-0.42	7.18	0	0	0
48	SLD 13	-0.42	-0.15	7.21	0	0	0
48	SLD 14	-0.41	-0.13	7.2	0	0	0
48	SLD 15	-0.44	-0.28	7.24	0	0	0
48	SLD 16	-0.43	-0.26	7.24	0	0	0
48	SLV 1	1.07	-0.11	6.75	0	0	0
48	SLV 2	1.09	-0.07	6.74	0	0	0
48	SLV 3	1.01	-0.41	6.82	0	0	0
48	SLV 4	1.03	-0.36	6.82	0	0	0
48	SLV 5	0.42	0.25	6.88	0	0	0
48	SLV 6	0.43	0.28	6.88	0	0	0
48	SLV 7	0.23	-0.73	7.12	0	0	0
48	SLV 8	0.24	-0.7	7.12	0	0	0
48	SLV 9	-0.2	0.26	7.06	0	0	0
48	SLV 10	-0.19	0.29	7.06	0	0	0
48	SLV 11	-0.39	-0.71	7.31	0	0	0
48	SLV 12	-0.38	-0.68	7.3	0	0	0
48	SLV 13	-1	-0.07	7.36	0	0	0
48	SLV 14	-0.98	-0.02	7.36	0	0	0
48	SLV 15	-1.06	-0.36	7.44	0	0	0
48	SLV 16	-1.04	-0.32	7.43	0	0	0
49	SLU 1	0.01	-0.23	5.98	0	0	0
49	SLU 2	0.01	-0.23	5.98	0	0	0
49	SLU 3	0.01	-0.23	6.12	0	0	0
49	SLU 4	0.01	-0.23	6.12	0	0	0
49	SLU 5	0.01	-0.23	6.07	0	0	0
49	SLU 6	0.01	-0.23	6.21	0	0	0
49	SLU 7	0.01	-0.23	6.21	0	0	0
49	SLU 8	0.01	-0.23	6.15	0	0	0
49	SLU 9	0.01	-0.23	6.16	0	0	0
49	SLU 10	0	-0.24	6.76	0	0	0
49	SLU 11	0	-0.25	6.9	0	0	0
49	SLU 12	0	-0.24	6.9	0	0	0
49	SLU 13	0	-0.24	6.85	0	0	0
49	SLU 14	-0.01	-0.25	6.99	0	0	0
49	SLU 15	-0.01	-0.24	6.99	0	0	0
49	SLU 16	-0.01	-0.24	6.93	0	0	0
49	SLU 17	-0.01	-0.24	6.93	0	0	0
49	SLU 18	-0.01	-0.25	7.09	0	0	0
49	SLU 19	-0.01	-0.25	7.09	0	0	0
49	SLU 20	-0.01	-0.25	7.18	0	0	0
49	SLU 21	-0.01	-0.25	7.18	0	0	0
49	SLU 22	0.01	-0.23	6.66	0	0	0
49	SLU 23	0.01	-0.23	6.66	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
49	SLU 24	0.01	-0.23	6.8	0	0	0
49	SLU 25	0.01	-0.23	6.8	0	0	0
49	SLU 26	0.01	-0.23	6.75	0	0	0
49	SLU 27	0.01	-0.23	6.89	0	0	0
49	SLU 28	0.01	-0.23	6.89	0	0	0
49	SLU 29	0.01	-0.23	6.83	0	0	0
49	SLU 30	0.01	-0.23	6.84	0	0	0
49	SLU 31	0	-0.24	7.44	0	0	0
49	SLU 32	0	-0.24	7.58	0	0	0
49	SLU 33	0	-0.24	7.58	0	0	0
49	SLU 34	0	-0.24	7.53	0	0	0
49	SLU 35	-0.01	-0.24	7.66	0	0	0
49	SLU 36	-0.01	-0.24	7.67	0	0	0
49	SLU 37	-0.01	-0.24	7.61	0	0	0
49	SLU 38	-0.01	-0.24	7.61	0	0	0
49	SLU 39	-0.01	-0.25	7.77	0	0	0
49	SLU 40	-0.01	-0.24	7.77	0	0	0
49	SLU 41	-0.01	-0.25	7.85	0	0	0
49	SLU 42	-0.01	-0.24	7.86	0	0	0
49	SLU 43	0.02	-0.3	7.54	0	0	0
49	SLU 44	0.02	-0.3	7.54	0	0	0
49	SLU 45	0.01	-0.3	7.68	0	0	0
49	SLU 46	0.01	-0.3	7.69	0	0	0
49	SLU 47	0.01	-0.3	7.63	0	0	0
49	SLU 48	0.01	-0.3	7.77	0	0	0
49	SLU 49	0.01	-0.3	7.77	0	0	0
49	SLU 50	0.01	-0.3	7.71	0	0	0
49	SLU 51	0.01	-0.3	7.72	0	0	0
49	SLU 52	0	-0.31	8.32	0	0	0
49	SLU 53	0	-0.32	8.46	0	0	0
49	SLU 54	0	-0.31	8.46	0	0	0
49	SLU 55	0	-0.31	8.41	0	0	0
49	SLU 56	0	-0.32	8.55	0	0	0
49	SLU 57	0	-0.31	8.55	0	0	0
49	SLU 58	0	-0.31	8.49	0	0	0
49	SLU 59	0	-0.31	8.49	0	0	0
49	SLU 60	0	-0.32	8.65	0	0	0
49	SLU 61	0	-0.32	8.65	0	0	0
49	SLU 62	-0.01	-0.32	8.74	0	0	0
49	SLU 63	-0.01	-0.32	8.74	0	0	0
49	SLU 64	0.02	-0.3	8.22	0	0	0
49	SLU 65	0.02	-0.3	8.22	0	0	0
49	SLU 66	0.01	-0.3	8.36	0	0	0
49	SLU 67	0.01	-0.3	8.36	0	0	0
49	SLU 68	0.01	-0.3	8.31	0	0	0
49	SLU 69	0.01	-0.3	8.45	0	0	0
49	SLU 70	0.01	-0.3	8.45	0	0	0
49	SLU 71	0.01	-0.3	8.39	0	0	0
49	SLU 72	0.01	-0.3	8.4	0	0	0
49	SLU 73	0	-0.31	9	0	0	0
49	SLU 74	0	-0.31	9.14	0	0	0
49	SLU 75	0	-0.31	9.14	0	0	0
49	SLU 76	0	-0.31	9.09	0	0	0
49	SLU 77	0	-0.31	9.23	0	0	0
49	SLU 78	0	-0.31	9.23	0	0	0
49	SLU 79	0	-0.31	9.17	0	0	0
49	SLU 80	0	-0.31	9.17	0	0	0
49	SLU 81	0	-0.32	9.33	0	0	0
49	SLU 82	0	-0.31	9.33	0	0	0
49	SLU 83	-0.01	-0.32	9.41	0	0	0
49	SLU 84	-0.01	-0.31	9.42	0	0	0
49	SLE RA 1	0.01	-0.23	6.17	0	0	0
49	SLE RA 2	0.01	-0.23	6.17	0	0	0
49	SLE RA 3	0.01	-0.23	6.27	0	0	0
49	SLE RA 4	0.01	-0.23	6.27	0	0	0
49	SLE RA 5	0.01	-0.23	6.23	0	0	0
49	SLE RA 6	0.01	-0.23	6.33	0	0	0
49	SLE RA 7	0.01	-0.23	6.33	0	0	0
49	SLE RA 8	0.01	-0.23	6.29	0	0	0
49	SLE RA 9	0.01	-0.23	6.29	0	0	0
49	SLE RA 10	0	-0.24	6.69	0	0	0
49	SLE RA 11	0	-0.24	6.79	0	0	0
49	SLE RA 12	0	-0.24	6.79	0	0	0
49	SLE RA 13	0	-0.24	6.75	0	0	0
49	SLE RA 14	0	-0.24	6.84	0	0	0
49	SLE RA 15	0	-0.24	6.85	0	0	0
49	SLE RA 16	0	-0.24	6.81	0	0	0
49	SLE RA 17	0	-0.24	6.81	0	0	0
49	SLE RA 18	0	-0.24	6.91	0	0	0
49	SLE RA 19	0	-0.24	6.91	0	0	0
49	SLE RA 20	0	-0.24	6.97	0	0	0
49	SLE RA 21	0	-0.24	6.97	0	0	0
49	SLE FR 1	0.01	-0.23	6.17	0	0	0
49	SLE FR 2	0.01	-0.23	6.17	0	0	0
49	SLE FR 3	0.01	-0.23	6.2	0	0	0
49	SLE FR 4	0.01	-0.23	6.39	0	0	0
49	SLE FR 5	0.01	-0.23	6.42	0	0	0
49	SLE FR 6	0.01	-0.24	6.54	0	0	0
49	SLE QP 1	0.01	-0.23	6.17	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
49	SLE QP 2	0.01	-0.23	6.39	0	0	0
49	SLD 1	0.42	-0.18	6.39	0	0	0
49	SLD 2	0.42	-0.18	6.39	0	0	0
49	SLD 3	0.39	-0.31	6.47	0	0	0
49	SLD 4	0.4	-0.3	6.47	0	0	0
49	SLD 5	0.17	-0.03	6.27	0	0	0
49	SLD 6	0.17	-0.03	6.27	0	0	0
49	SLD 7	0.09	-0.44	6.54	0	0	0
49	SLD 8	0.09	-0.44	6.54	0	0	0
49	SLD 9	-0.07	-0.03	6.25	0	0	0
49	SLD 10	-0.07	-0.03	6.25	0	0	0
49	SLD 11	-0.15	-0.44	6.52	0	0	0
49	SLD 12	-0.15	-0.44	6.52	0	0	0
49	SLD 13	-0.38	-0.17	6.32	0	0	0
49	SLD 14	-0.37	-0.16	6.32	0	0	0
49	SLD 15	-0.4	-0.29	6.4	0	0	0
49	SLD 16	-0.4	-0.29	6.4	0	0	0
49	SLV 1	0.96	-0.12	6.38	0	0	0
49	SLV 2	0.97	-0.11	6.38	0	0	0
49	SLV 3	0.91	-0.4	6.56	0	0	0
49	SLV 4	0.92	-0.39	6.57	0	0	0
49	SLV 5	0.37	0.22	6.11	0	0	0
49	SLV 6	0.38	0.23	6.11	0	0	0
49	SLV 7	0.2	-0.71	6.73	0	0	0
49	SLV 8	0.2	-0.7	6.73	0	0	0
49	SLV 9	-0.18	0.23	6.06	0	0	0
49	SLV 10	-0.18	0.24	6.06	0	0	0
49	SLV 11	-0.36	-0.7	6.68	0	0	0
49	SLV 12	-0.36	-0.69	6.68	0	0	0
49	SLV 13	-0.9	-0.08	6.22	0	0	0
49	SLV 14	-0.89	-0.07	6.23	0	0	0
49	SLV 15	-0.95	-0.36	6.41	0	0	0
49	SLV 16	-0.94	-0.35	6.41	0	0	0
50	SLU 1	0.02	-0.41	10.99	0	0	0
50	SLU 2	0.02	-0.4	10.99	0	0	0
50	SLU 3	0.02	-0.41	11.25	0	0	0
50	SLU 4	0.02	-0.41	11.25	0	0	0
50	SLU 5	0.02	-0.4	11.15	0	0	0
50	SLU 6	0.01	-0.41	11.4	0	0	0
50	SLU 7	0.01	-0.41	11.41	0	0	0
50	SLU 8	0.01	-0.41	11.3	0	0	0
50	SLU 9	0.01	-0.41	11.31	0	0	0
50	SLU 10	0	-0.42	12.41	0	0	0
50	SLU 11	-0.01	-0.43	12.66	0	0	0
50	SLU 12	-0.01	-0.43	12.66	0	0	0
50	SLU 13	-0.01	-0.42	12.56	0	0	0
50	SLU 14	-0.01	-0.43	12.82	0	0	0
50	SLU 15	-0.01	-0.43	12.82	0	0	0
50	SLU 16	-0.02	-0.43	12.71	0	0	0
50	SLU 17	-0.02	-0.43	12.72	0	0	0
50	SLU 18	-0.01	-0.44	13	0	0	0
50	SLU 19	-0.01	-0.43	13.01	0	0	0
50	SLU 20	-0.02	-0.44	13.16	0	0	0
50	SLU 21	-0.02	-0.43	13.17	0	0	0
50	SLU 22	0.02	-0.41	12.23	0	0	0
50	SLU 23	0.02	-0.4	12.24	0	0	0
50	SLU 24	0.02	-0.41	12.49	0	0	0
50	SLU 25	0.02	-0.4	12.5	0	0	0
50	SLU 26	0.02	-0.4	12.4	0	0	0
50	SLU 27	0.01	-0.41	12.65	0	0	0
50	SLU 28	0.01	-0.4	12.66	0	0	0
50	SLU 29	0.01	-0.41	12.55	0	0	0
50	SLU 30	0.01	-0.4	12.55	0	0	0
50	SLU 31	0	-0.42	13.65	0	0	0
50	SLU 32	-0.01	-0.43	13.91	0	0	0
50	SLU 33	-0.01	-0.42	13.91	0	0	0
50	SLU 34	-0.01	-0.42	13.81	0	0	0
50	SLU 35	-0.01	-0.43	14.06	0	0	0
50	SLU 36	-0.01	-0.42	14.07	0	0	0
50	SLU 37	-0.01	-0.43	13.96	0	0	0
50	SLU 38	-0.01	-0.42	13.97	0	0	0
50	SLU 39	-0.01	-0.44	14.25	0	0	0
50	SLU 40	-0.01	-0.43	14.26	0	0	0
50	SLU 41	-0.02	-0.44	14.41	0	0	0
50	SLU 42	-0.02	-0.43	14.41	0	0	0
50	SLU 43	0.03	-0.54	13.85	0	0	0
50	SLU 44	0.03	-0.53	13.86	0	0	0
50	SLU 45	0.03	-0.54	14.11	0	0	0
50	SLU 46	0.03	-0.53	14.12	0	0	0
50	SLU 47	0.02	-0.53	14.02	0	0	0
50	SLU 48	0.02	-0.54	14.27	0	0	0
50	SLU 49	0.02	-0.53	14.28	0	0	0
50	SLU 50	0.02	-0.54	14.17	0	0	0
50	SLU 51	0.02	-0.53	14.17	0	0	0
50	SLU 52	0.01	-0.55	15.28	0	0	0
50	SLU 53	0	-0.56	15.53	0	0	0
50	SLU 54	0	-0.55	15.53	0	0	0
50	SLU 55	0	-0.55	15.43	0	0	0
50	SLU 56	-0.01	-0.56	15.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
50	SLU 57	-0.01	-0.55	15.69	0	0	0
50	SLU 58	-0.01	-0.56	15.58	0	0	0
50	SLU 59	-0.01	-0.55	15.59	0	0	0
50	SLU 60	-0.01	-0.56	15.87	0	0	0
50	SLU 61	-0.01	-0.56	15.88	0	0	0
50	SLU 62	-0.01	-0.56	16.03	0	0	0
50	SLU 63	-0.01	-0.56	16.04	0	0	0
50	SLU 64	0.03	-0.53	15.1	0	0	0
50	SLU 65	0.03	-0.52	15.11	0	0	0
50	SLU 66	0.03	-0.53	15.36	0	0	0
50	SLU 67	0.03	-0.53	15.37	0	0	0
50	SLU 68	0.02	-0.52	15.27	0	0	0
50	SLU 69	0.02	-0.53	15.52	0	0	0
50	SLU 70	0.02	-0.53	15.52	0	0	0
50	SLU 71	0.02	-0.53	15.42	0	0	0
50	SLU 72	0.02	-0.53	15.42	0	0	0
50	SLU 73	0.01	-0.54	16.52	0	0	0
50	SLU 74	0	-0.55	16.77	0	0	0
50	SLU 75	0	-0.55	16.78	0	0	0
50	SLU 76	0	-0.54	16.68	0	0	0
50	SLU 77	-0.01	-0.55	16.93	0	0	0
50	SLU 78	-0.01	-0.55	16.94	0	0	0
50	SLU 79	-0.01	-0.55	16.83	0	0	0
50	SLU 80	-0.01	-0.55	16.83	0	0	0
50	SLU 81	-0.01	-0.56	17.12	0	0	0
50	SLU 82	-0.01	-0.56	17.12	0	0	0
50	SLU 83	-0.01	-0.56	17.28	0	0	0
50	SLU 84	-0.01	-0.56	17.28	0	0	0
50	SLE RA 1	0.02	-0.41	11.34	0	0	0
50	SLE RA 2	0.02	-0.4	11.35	0	0	0
50	SLE RA 3	0.02	-0.41	11.52	0	0	0
50	SLE RA 4	0.02	-0.41	11.52	0	0	0
50	SLE RA 5	0.02	-0.4	11.45	0	0	0
50	SLE RA 6	0.02	-0.41	11.62	0	0	0
50	SLE RA 7	0.02	-0.41	11.62	0	0	0
50	SLE RA 8	0.02	-0.41	11.55	0	0	0
50	SLE RA 9	0.02	-0.41	11.56	0	0	0
50	SLE RA 10	0.01	-0.42	12.29	0	0	0
50	SLE RA 11	0	-0.43	12.46	0	0	0
50	SLE RA 12	0	-0.42	12.46	0	0	0
50	SLE RA 13	0	-0.42	12.39	0	0	0
50	SLE RA 14	0	-0.43	12.56	0	0	0
50	SLE RA 15	0	-0.42	12.57	0	0	0
50	SLE RA 16	0	-0.42	12.49	0	0	0
50	SLE RA 17	0	-0.42	12.5	0	0	0
50	SLE RA 18	0	-0.43	12.69	0	0	0
50	SLE RA 19	0	-0.43	12.69	0	0	0
50	SLE RA 20	-0.01	-0.43	12.79	0	0	0
50	SLE RA 21	-0.01	-0.43	12.8	0	0	0
50	SLE FR 1	0.02	-0.41	11.34	0	0	0
50	SLE FR 2	0.02	-0.41	11.34	0	0	0
50	SLE FR 3	0.02	-0.41	11.38	0	0	0
50	SLE FR 4	0.02	-0.41	11.75	0	0	0
50	SLE FR 5	0.01	-0.42	11.79	0	0	0
50	SLE FR 6	0.01	-0.42	12.01	0	0	0
50	SLE QP 1	0.02	-0.41	11.34	0	0	0
50	SLE QP 2	0.02	-0.42	11.75	0	0	0
50	SLD 1	0.77	-0.33	11.63	0	0	0
50	SLD 2	0.77	-0.31	11.63	0	0	0
50	SLD 3	0.72	-0.55	11.76	0	0	0
50	SLD 4	0.73	-0.54	11.76	0	0	0
50	SLD 5	0.31	-0.05	11.51	0	0	0
50	SLD 6	0.31	-0.04	11.51	0	0	0
50	SLD 7	0.16	-0.8	11.95	0	0	0
50	SLD 8	0.17	-0.79	11.95	0	0	0
50	SLD 9	-0.13	-0.04	11.54	0	0	0
50	SLD 10	-0.13	-0.03	11.54	0	0	0
50	SLD 11	-0.28	-0.79	11.98	0	0	0
50	SLD 12	-0.27	-0.78	11.98	0	0	0
50	SLD 13	-0.7	-0.3	11.73	0	0	0
50	SLD 14	-0.69	-0.28	11.73	0	0	0
50	SLD 15	-0.74	-0.52	11.86	0	0	0
50	SLD 16	-0.73	-0.51	11.87	0	0	0
50	SLV 1	1.77	-0.21	11.47	0	0	0
50	SLV 2	1.79	-0.18	11.47	0	0	0
50	SLV 3	1.67	-0.72	11.77	0	0	0
50	SLV 4	1.69	-0.69	11.77	0	0	0
50	SLV 5	0.69	0.41	11.21	0	0	0
50	SLV 6	0.7	0.43	11.21	0	0	0
50	SLV 7	0.36	-1.28	12.21	0	0	0
50	SLV 8	0.37	-1.26	12.21	0	0	0
50	SLV 9	-0.34	0.43	11.28	0	0	0
50	SLV 10	-0.33	0.45	11.28	0	0	0
50	SLV 11	-0.67	-1.26	12.28	0	0	0
50	SLV 12	-0.66	-1.24	12.28	0	0	0
50	SLV 13	-1.66	-0.14	11.72	0	0	0
50	SLV 14	-1.64	-0.11	11.72	0	0	0
50	SLV 15	-1.76	-0.65	12.02	0	0	0
50	SLV 16	-1.74	-0.62	12.02	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
51	SLU 1	0.02	-0.35	9.77	0	0	0
51	SLU 2	0.02	-0.35	9.77	0	0	0
51	SLU 3	0.02	-0.36	10	0	0	0
51	SLU 4	0.02	-0.35	10	0	0	0
51	SLU 5	0.02	-0.35	9.91	0	0	0
51	SLU 6	0.01	-0.36	10.13	0	0	0
51	SLU 7	0.01	-0.35	10.14	0	0	0
51	SLU 8	0.01	-0.35	10.04	0	0	0
51	SLU 9	0.01	-0.35	10.05	0	0	0
51	SLU 10	0	-0.36	11.02	0	0	0
51	SLU 11	-0.01	-0.37	11.24	0	0	0
51	SLU 12	-0.01	-0.37	11.25	0	0	0
51	SLU 13	-0.01	-0.36	11.16	0	0	0
51	SLU 14	-0.01	-0.37	11.38	0	0	0
51	SLU 15	-0.01	-0.37	11.38	0	0	0
51	SLU 16	-0.01	-0.37	11.29	0	0	0
51	SLU 17	-0.01	-0.37	11.29	0	0	0
51	SLU 18	-0.01	-0.38	11.55	0	0	0
51	SLU 19	-0.01	-0.37	11.55	0	0	0
51	SLU 20	-0.02	-0.38	11.68	0	0	0
51	SLU 21	-0.02	-0.37	11.69	0	0	0
51	SLU 22	0.02	-0.35	10.87	0	0	0
51	SLU 23	0.02	-0.34	10.88	0	0	0
51	SLU 24	0.02	-0.35	11.1	0	0	0
51	SLU 25	0.02	-0.35	11.11	0	0	0
51	SLU 26	0.02	-0.34	11.02	0	0	0
51	SLU 27	0.01	-0.35	11.24	0	0	0
51	SLU 28	0.01	-0.35	11.25	0	0	0
51	SLU 29	0.01	-0.35	11.15	0	0	0
51	SLU 30	0.01	-0.35	11.15	0	0	0
51	SLU 31	0	-0.36	12.13	0	0	0
51	SLU 32	-0.01	-0.37	12.35	0	0	0
51	SLU 33	-0.01	-0.36	12.36	0	0	0
51	SLU 34	-0.01	-0.36	12.27	0	0	0
51	SLU 35	-0.01	-0.37	12.49	0	0	0
51	SLU 36	-0.01	-0.36	12.49	0	0	0
51	SLU 37	-0.01	-0.37	12.4	0	0	0
51	SLU 38	-0.01	-0.36	12.4	0	0	0
51	SLU 39	-0.01	-0.37	12.66	0	0	0
51	SLU 40	-0.01	-0.37	12.66	0	0	0
51	SLU 41	-0.02	-0.37	12.79	0	0	0
51	SLU 42	-0.02	-0.37	12.8	0	0	0
51	SLU 43	0.03	-0.46	12.32	0	0	0
51	SLU 44	0.03	-0.45	12.32	0	0	0
51	SLU 45	0.02	-0.46	12.55	0	0	0
51	SLU 46	0.02	-0.46	12.55	0	0	0
51	SLU 47	0.02	-0.45	12.46	0	0	0
51	SLU 48	0.02	-0.46	12.68	0	0	0
51	SLU 49	0.02	-0.46	12.69	0	0	0
51	SLU 50	0.02	-0.46	12.59	0	0	0
51	SLU 51	0.02	-0.46	12.6	0	0	0
51	SLU 52	0	-0.47	13.57	0	0	0
51	SLU 53	0	-0.48	13.79	0	0	0
51	SLU 54	0	-0.48	13.8	0	0	0
51	SLU 55	0	-0.47	13.71	0	0	0
51	SLU 56	-0.01	-0.48	13.93	0	0	0
51	SLU 57	-0.01	-0.48	13.93	0	0	0
51	SLU 58	-0.01	-0.48	13.84	0	0	0
51	SLU 59	-0.01	-0.47	13.84	0	0	0
51	SLU 60	-0.01	-0.49	14.1	0	0	0
51	SLU 61	-0.01	-0.48	14.1	0	0	0
51	SLU 62	-0.01	-0.49	14.23	0	0	0
51	SLU 63	-0.01	-0.48	14.24	0	0	0
51	SLU 64	0.03	-0.46	13.42	0	0	0
51	SLU 65	0.03	-0.45	13.43	0	0	0
51	SLU 66	0.02	-0.46	13.65	0	0	0
51	SLU 67	0.02	-0.45	13.66	0	0	0
51	SLU 68	0.02	-0.45	13.57	0	0	0
51	SLU 69	0.02	-0.46	13.79	0	0	0
51	SLU 70	0.02	-0.45	13.8	0	0	0
51	SLU 71	0.02	-0.46	13.7	0	0	0
51	SLU 72	0.02	-0.45	13.7	0	0	0
51	SLU 73	0	-0.47	14.68	0	0	0
51	SLU 74	0	-0.48	14.9	0	0	0
51	SLU 75	0	-0.47	14.91	0	0	0
51	SLU 76	0	-0.47	14.82	0	0	0
51	SLU 77	-0.01	-0.48	15.04	0	0	0
51	SLU 78	-0.01	-0.47	15.04	0	0	0
51	SLU 79	-0.01	-0.47	14.95	0	0	0
51	SLU 80	-0.01	-0.47	14.95	0	0	0
51	SLU 81	-0.01	-0.48	15.21	0	0	0
51	SLU 82	-0.01	-0.48	15.21	0	0	0
51	SLU 83	-0.01	-0.48	15.34	0	0	0
51	SLU 84	-0.01	-0.48	15.35	0	0	0
51	SLE RA 1	0.02	-0.35	10.08	0	0	0
51	SLE RA 2	0.02	-0.35	10.09	0	0	0
51	SLE RA 3	0.02	-0.35	10.24	0	0	0
51	SLE RA 4	0.02	-0.35	10.24	0	0	0
51	SLE RA 5	0.02	-0.35	10.18	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
51	SLE RA 6	0.01	-0.35	10.33	0	0	0
51	SLE RA 7	0.01	-0.35	10.33	0	0	0
51	SLE RA 8	0.01	-0.35	10.27	0	0	0
51	SLE RA 9	0.01	-0.35	10.27	0	0	0
51	SLE RA 10	0.01	-0.36	10.92	0	0	0
51	SLE RA 11	0	-0.37	11.07	0	0	0
51	SLE RA 12	0	-0.36	11.07	0	0	0
51	SLE RA 13	0	-0.36	11.01	0	0	0
51	SLE RA 14	0	-0.37	11.16	0	0	0
51	SLE RA 15	0	-0.36	11.16	0	0	0
51	SLE RA 16	0	-0.36	11.1	0	0	0
51	SLE RA 17	0	-0.36	11.1	0	0	0
51	SLE RA 18	0	-0.37	11.27	0	0	0
51	SLE RA 19	0	-0.37	11.27	0	0	0
51	SLE RA 20	-0.01	-0.37	11.36	0	0	0
51	SLE RA 21	-0.01	-0.37	11.36	0	0	0
51	SLE FR 1	0.02	-0.35	10.08	0	0	0
51	SLE FR 2	0.02	-0.35	10.08	0	0	0
51	SLE FR 3	0.02	-0.35	10.12	0	0	0
51	SLE FR 4	0.01	-0.36	10.44	0	0	0
51	SLE FR 5	0.01	-0.36	10.48	0	0	0
51	SLE FR 6	0.01	-0.36	10.68	0	0	0
51	SLE QP 1	0.02	-0.35	10.08	0	0	0
51	SLE QP 2	0.01	-0.36	10.44	0	0	0
51	SLD 1	0.68	-0.28	10.31	0	0	0
51	SLD 2	0.69	-0.26	10.31	0	0	0
51	SLD 3	0.65	-0.48	10.42	0	0	0
51	SLD 4	0.65	-0.46	10.42	0	0	0
51	SLD 5	0.27	-0.04	10.24	0	0	0
51	SLD 6	0.28	-0.03	10.24	0	0	0
51	SLD 7	0.14	-0.7	10.59	0	0	0
51	SLD 8	0.15	-0.69	10.59	0	0	0
51	SLD 9	-0.12	-0.03	10.29	0	0	0
51	SLD 10	-0.11	-0.02	10.29	0	0	0
51	SLD 11	-0.25	-0.69	10.64	0	0	0
51	SLD 12	-0.24	-0.68	10.64	0	0	0
51	SLD 13	-0.62	-0.25	10.46	0	0	0
51	SLD 14	-0.62	-0.24	10.46	0	0	0
51	SLD 15	-0.66	-0.45	10.57	0	0	0
51	SLD 16	-0.66	-0.43	10.57	0	0	0
51	SLV 1	1.58	-0.18	10.14	0	0	0
51	SLV 2	1.6	-0.14	10.14	0	0	0
51	SLV 3	1.49	-0.63	10.38	0	0	0
51	SLV 4	1.51	-0.59	10.38	0	0	0
51	SLV 5	0.61	0.37	9.99	0	0	0
51	SLV 6	0.63	0.39	9.99	0	0	0
51	SLV 7	0.32	-1.13	10.78	0	0	0
51	SLV 8	0.33	-1.1	10.78	0	0	0
51	SLV 9	-0.3	0.39	10.09	0	0	0
51	SLV 10	-0.29	0.41	10.09	0	0	0
51	SLV 11	-0.6	-1.11	10.89	0	0	0
51	SLV 12	-0.59	-1.08	10.89	0	0	0
51	SLV 13	-1.48	-0.12	10.5	0	0	0
51	SLV 14	-1.46	-0.08	10.5	0	0	0
51	SLV 15	-1.57	-0.57	10.73	0	0	0
51	SLV 16	-1.55	-0.53	10.73	0	0	0
52	SLU 1	0.02	-0.3	8.61	0	0	0
52	SLU 2	0.02	-0.3	8.62	0	0	0
52	SLU 3	0.01	-0.3	8.81	0	0	0
52	SLU 4	0.01	-0.3	8.81	0	0	0
52	SLU 5	0.01	-0.3	8.73	0	0	0
52	SLU 6	0.01	-0.3	8.93	0	0	0
52	SLU 7	0.01	-0.3	8.93	0	0	0
52	SLU 8	0.01	-0.3	8.85	0	0	0
52	SLU 9	0.01	-0.3	8.85	0	0	0
52	SLU 10	0	-0.31	9.71	0	0	0
52	SLU 11	-0.01	-0.32	9.9	0	0	0
52	SLU 12	-0.01	-0.31	9.9	0	0	0
52	SLU 13	-0.01	-0.31	9.83	0	0	0
52	SLU 14	-0.01	-0.32	10.02	0	0	0
52	SLU 15	-0.01	-0.31	10.02	0	0	0
52	SLU 16	-0.01	-0.32	9.94	0	0	0
52	SLU 17	-0.01	-0.31	9.94	0	0	0
52	SLU 18	-0.01	-0.32	10.17	0	0	0
52	SLU 19	-0.01	-0.32	10.17	0	0	0
52	SLU 20	-0.02	-0.32	10.29	0	0	0
52	SLU 21	-0.02	-0.32	10.29	0	0	0
52	SLU 22	0.02	-0.3	9.59	0	0	0
52	SLU 23	0.02	-0.29	9.59	0	0	0
52	SLU 24	0.01	-0.3	9.79	0	0	0
52	SLU 25	0.01	-0.3	9.79	0	0	0
52	SLU 26	0.01	-0.29	9.71	0	0	0
52	SLU 27	0.01	-0.3	9.91	0	0	0
52	SLU 28	0.01	-0.3	9.91	0	0	0
52	SLU 29	0.01	-0.3	9.82	0	0	0
52	SLU 30	0.01	-0.29	9.83	0	0	0
52	SLU 31	0	-0.3	10.68	0	0	0
52	SLU 32	-0.01	-0.31	10.88	0	0	0
52	SLU 33	-0.01	-0.31	10.88	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
52	SLU 34	-0.01	-0.3	10.8	0	0	0
52	SLU 35	-0.01	-0.31	11	0	0	0
52	SLU 36	-0.01	-0.31	11	0	0	0
52	SLU 37	-0.01	-0.31	10.92	0	0	0
52	SLU 38	-0.01	-0.31	10.92	0	0	0
52	SLU 39	-0.01	-0.32	11.14	0	0	0
52	SLU 40	-0.01	-0.31	11.15	0	0	0
52	SLU 41	-0.02	-0.32	11.26	0	0	0
52	SLU 42	-0.02	-0.31	11.27	0	0	0
52	SLU 43	0.02	-0.4	10.86	0	0	0
52	SLU 44	0.02	-0.39	10.86	0	0	0
52	SLU 45	0.02	-0.4	11.06	0	0	0
52	SLU 46	0.02	-0.39	11.06	0	0	0
52	SLU 47	0.02	-0.39	10.98	0	0	0
52	SLU 48	0.01	-0.4	11.18	0	0	0
52	SLU 49	0.01	-0.39	11.18	0	0	0
52	SLU 50	0.01	-0.4	11.09	0	0	0
52	SLU 51	0.01	-0.39	11.1	0	0	0
52	SLU 52	0	-0.4	11.95	0	0	0
52	SLU 53	0	-0.41	12.15	0	0	0
52	SLU 54	0	-0.41	12.15	0	0	0
52	SLU 55	0	-0.4	12.07	0	0	0
52	SLU 56	-0.01	-0.41	12.27	0	0	0
52	SLU 57	-0.01	-0.41	12.27	0	0	0
52	SLU 58	-0.01	-0.41	12.19	0	0	0
52	SLU 59	-0.01	-0.4	12.19	0	0	0
52	SLU 60	-0.01	-0.41	12.41	0	0	0
52	SLU 61	-0.01	-0.41	12.42	0	0	0
52	SLU 62	-0.01	-0.41	12.53	0	0	0
52	SLU 63	-0.01	-0.41	12.54	0	0	0
52	SLU 64	0.02	-0.39	11.83	0	0	0
52	SLU 65	0.02	-0.38	11.84	0	0	0
52	SLU 66	0.02	-0.39	12.03	0	0	0
52	SLU 67	0.02	-0.39	12.04	0	0	0
52	SLU 68	0.02	-0.38	11.96	0	0	0
52	SLU 69	0.01	-0.39	12.15	0	0	0
52	SLU 70	0.01	-0.39	12.16	0	0	0
52	SLU 71	0.01	-0.39	12.07	0	0	0
52	SLU 72	0.01	-0.39	12.08	0	0	0
52	SLU 73	0	-0.4	12.93	0	0	0
52	SLU 74	0	-0.4	13.12	0	0	0
52	SLU 75	0	-0.4	13.13	0	0	0
52	SLU 76	0	-0.4	13.05	0	0	0
52	SLU 77	-0.01	-0.4	13.24	0	0	0
52	SLU 78	-0.01	-0.4	13.25	0	0	0
52	SLU 79	-0.01	-0.4	13.16	0	0	0
52	SLU 80	-0.01	-0.4	13.17	0	0	0
52	SLU 81	-0.01	-0.41	13.39	0	0	0
52	SLU 82	-0.01	-0.41	13.4	0	0	0
52	SLU 83	-0.01	-0.41	13.51	0	0	0
52	SLU 84	-0.01	-0.4	13.51	0	0	0
52	SLE RA 1	0.02	-0.3	8.89	0	0	0
52	SLE RA 2	0.02	-0.3	8.89	0	0	0
52	SLE RA 3	0.01	-0.3	9.02	0	0	0
52	SLE RA 4	0.01	-0.3	9.02	0	0	0
52	SLE RA 5	0.01	-0.3	8.97	0	0	0
52	SLE RA 6	0.01	-0.3	9.1	0	0	0
52	SLE RA 7	0.01	-0.3	9.1	0	0	0
52	SLE RA 8	0.01	-0.3	9.05	0	0	0
52	SLE RA 9	0.01	-0.3	9.05	0	0	0
52	SLE RA 10	0	-0.31	9.62	0	0	0
52	SLE RA 11	0	-0.31	9.75	0	0	0
52	SLE RA 12	0	-0.31	9.75	0	0	0
52	SLE RA 13	0	-0.31	9.7	0	0	0
52	SLE RA 14	0	-0.31	9.83	0	0	0
52	SLE RA 15	0	-0.31	9.83	0	0	0
52	SLE RA 16	0	-0.31	9.77	0	0	0
52	SLE RA 17	0	-0.31	9.78	0	0	0
52	SLE RA 18	0	-0.31	9.93	0	0	0
52	SLE RA 19	0	-0.31	9.93	0	0	0
52	SLE RA 20	-0.01	-0.31	10.01	0	0	0
52	SLE RA 21	-0.01	-0.31	10.01	0	0	0
52	SLE FR 1	0.02	-0.3	8.89	0	0	0
52	SLE FR 2	0.02	-0.3	8.89	0	0	0
52	SLE FR 3	0.02	-0.3	8.92	0	0	0
52	SLE FR 4	0.01	-0.3	9.2	0	0	0
52	SLE FR 5	0.01	-0.31	9.23	0	0	0
52	SLE FR 6	0.01	-0.31	9.41	0	0	0
52	SLE QP 1	0.02	-0.3	8.89	0	0	0
52	SLE QP 2	0.01	-0.31	9.2	0	0	0
52	SLD 1	0.61	-0.24	9.06	0	0	0
52	SLD 2	0.61	-0.22	9.06	0	0	0
52	SLD 3	0.57	-0.41	9.14	0	0	0
52	SLD 4	0.58	-0.39	9.14	0	0	0
52	SLD 5	0.24	-0.03	9.03	0	0	0
52	SLD 6	0.25	-0.01	9.03	0	0	0
52	SLD 7	0.13	-0.6	9.31	0	0	0
52	SLD 8	0.13	-0.59	9.31	0	0	0
52	SLD 9	-0.11	-0.02	9.09	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
52	SLD 10	-0.1	-0.01	9.09	0	0	0
52	SLD 11	-0.22	-0.6	9.37	0	0	0
52	SLD 12	-0.22	-0.58	9.37	0	0	0
52	SLD 13	-0.55	-0.22	9.26	0	0	0
52	SLD 14	-0.55	-0.2	9.26	0	0	0
52	SLD 15	-0.59	-0.39	9.34	0	0	0
52	SLD 16	-0.58	-0.37	9.34	0	0	0
52	SLV 1	1.4	-0.16	8.88	0	0	0
52	SLV 2	1.41	-0.11	8.87	0	0	0
52	SLV 3	1.32	-0.55	9.07	0	0	0
52	SLV 4	1.34	-0.51	9.06	0	0	0
52	SLV 5	0.54	0.33	8.82	0	0	0
52	SLV 6	0.55	0.36	8.81	0	0	0
52	SLV 7	0.28	-0.98	9.45	0	0	0
52	SLV 8	0.29	-0.95	9.44	0	0	0
52	SLV 9	-0.27	0.34	8.95	0	0	0
52	SLV 10	-0.26	0.37	8.95	0	0	0
52	SLV 11	-0.53	-0.97	9.59	0	0	0
52	SLV 12	-0.52	-0.94	9.58	0	0	0
52	SLV 13	-1.31	-0.1	9.34	0	0	0
52	SLV 14	-1.3	-0.06	9.33	0	0	0
52	SLV 15	-1.39	-0.5	9.53	0	0	0
52	SLV 16	-1.38	-0.45	9.52	0	0	0
53	SLU 1	0.01	-0.26	7.54	0	0	0
53	SLU 2	0.01	-0.25	7.55	0	0	0
53	SLU 3	0.01	-0.26	7.71	0	0	0
53	SLU 4	0.01	-0.26	7.72	0	0	0
53	SLU 5	0.01	-0.25	7.65	0	0	0
53	SLU 6	0.01	-0.26	7.82	0	0	0
53	SLU 7	0.01	-0.25	7.82	0	0	0
53	SLU 8	0.01	-0.26	7.74	0	0	0
53	SLU 9	0.01	-0.25	7.75	0	0	0
53	SLU 10	0	-0.26	8.49	0	0	0
53	SLU 11	-0.01	-0.27	8.66	0	0	0
53	SLU 12	-0.01	-0.27	8.67	0	0	0
53	SLU 13	-0.01	-0.26	8.6	0	0	0
53	SLU 14	-0.01	-0.27	8.76	0	0	0
53	SLU 15	-0.01	-0.27	8.77	0	0	0
53	SLU 16	-0.01	-0.27	8.69	0	0	0
53	SLU 17	-0.01	-0.26	8.7	0	0	0
53	SLU 18	-0.01	-0.27	8.89	0	0	0
53	SLU 19	-0.01	-0.27	8.9	0	0	0
53	SLU 20	-0.02	-0.27	9	0	0	0
53	SLU 21	-0.02	-0.27	9	0	0	0
53	SLU 22	0.01	-0.25	8.4	0	0	0
53	SLU 23	0.01	-0.25	8.4	0	0	0
53	SLU 24	0.01	-0.25	8.57	0	0	0
53	SLU 25	0.01	-0.25	8.57	0	0	0
53	SLU 26	0.01	-0.25	8.5	0	0	0
53	SLU 27	0.01	-0.25	8.67	0	0	0
53	SLU 28	0.01	-0.25	8.68	0	0	0
53	SLU 29	0.01	-0.25	8.6	0	0	0
53	SLU 30	0.01	-0.25	8.6	0	0	0
53	SLU 31	0	-0.26	9.35	0	0	0
53	SLU 32	-0.01	-0.26	9.52	0	0	0
53	SLU 33	-0.01	-0.26	9.52	0	0	0
53	SLU 34	-0.01	-0.26	9.45	0	0	0
53	SLU 35	-0.01	-0.26	9.62	0	0	0
53	SLU 36	-0.01	-0.26	9.63	0	0	0
53	SLU 37	-0.01	-0.26	9.55	0	0	0
53	SLU 38	-0.01	-0.26	9.55	0	0	0
53	SLU 39	-0.01	-0.27	9.75	0	0	0
53	SLU 40	-0.01	-0.26	9.75	0	0	0
53	SLU 41	-0.02	-0.27	9.85	0	0	0
53	SLU 42	-0.02	-0.26	9.86	0	0	0
53	SLU 43	0.02	-0.34	9.51	0	0	0
53	SLU 44	0.02	-0.33	9.51	0	0	0
53	SLU 45	0.02	-0.34	9.68	0	0	0
53	SLU 46	0.02	-0.33	9.68	0	0	0
53	SLU 47	0.01	-0.33	9.62	0	0	0
53	SLU 48	0.01	-0.34	9.78	0	0	0
53	SLU 49	0.01	-0.33	9.79	0	0	0
53	SLU 50	0.01	-0.34	9.71	0	0	0
53	SLU 51	0.01	-0.33	9.72	0	0	0
53	SLU 52	0	-0.34	10.46	0	0	0
53	SLU 53	0	-0.35	10.63	0	0	0
53	SLU 54	0	-0.34	10.63	0	0	0
53	SLU 55	0	-0.34	10.56	0	0	0
53	SLU 56	-0.01	-0.35	10.73	0	0	0
53	SLU 57	-0.01	-0.34	10.74	0	0	0
53	SLU 58	-0.01	-0.35	10.66	0	0	0
53	SLU 59	-0.01	-0.34	10.66	0	0	0
53	SLU 60	-0.01	-0.35	10.86	0	0	0
53	SLU 61	-0.01	-0.35	10.87	0	0	0
53	SLU 62	-0.01	-0.35	10.97	0	0	0
53	SLU 63	-0.01	-0.35	10.97	0	0	0
53	SLU 64	0.02	-0.33	10.36	0	0	0
53	SLU 65	0.02	-0.33	10.37	0	0	0
53	SLU 66	0.02	-0.33	10.54	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
53	SLU 67	0.02	-0.33	10.54	0	0	0
53	SLU 68	0.01	-0.33	10.47	0	0	0
53	SLU 69	0.01	-0.33	10.64	0	0	0
53	SLU 70	0.01	-0.33	10.64	0	0	0
53	SLU 71	0.01	-0.33	10.57	0	0	0
53	SLU 72	0.01	-0.33	10.57	0	0	0
53	SLU 73	0	-0.34	11.32	0	0	0
53	SLU 74	0	-0.34	11.49	0	0	0
53	SLU 75	0	-0.34	11.49	0	0	0
53	SLU 76	0	-0.34	11.42	0	0	0
53	SLU 77	-0.01	-0.34	11.59	0	0	0
53	SLU 78	-0.01	-0.34	11.59	0	0	0
53	SLU 79	-0.01	-0.34	11.52	0	0	0
53	SLU 80	-0.01	-0.34	11.52	0	0	0
53	SLU 81	-0.01	-0.35	11.72	0	0	0
53	SLU 82	-0.01	-0.34	11.72	0	0	0
53	SLU 83	-0.01	-0.35	11.82	0	0	0
53	SLU 84	-0.01	-0.34	11.83	0	0	0
53	SLE RA 1	0.01	-0.26	7.78	0	0	0
53	SLE RA 2	0.01	-0.25	7.79	0	0	0
53	SLE RA 3	0.01	-0.26	7.9	0	0	0
53	SLE RA 4	0.01	-0.25	7.9	0	0	0
53	SLE RA 5	0.01	-0.25	7.86	0	0	0
53	SLE RA 6	0.01	-0.26	7.97	0	0	0
53	SLE RA 7	0.01	-0.25	7.97	0	0	0
53	SLE RA 8	0.01	-0.26	7.92	0	0	0
53	SLE RA 9	0.01	-0.25	7.92	0	0	0
53	SLE RA 10	0	-0.26	8.42	0	0	0
53	SLE RA 11	0	-0.26	8.53	0	0	0
53	SLE RA 12	0	-0.26	8.53	0	0	0
53	SLE RA 13	0	-0.26	8.49	0	0	0
53	SLE RA 14	0	-0.26	8.6	0	0	0
53	SLE RA 15	0	-0.26	8.6	0	0	0
53	SLE RA 16	0	-0.26	8.55	0	0	0
53	SLE RA 17	0	-0.26	8.56	0	0	0
53	SLE RA 18	0	-0.27	8.69	0	0	0
53	SLE RA 19	0	-0.26	8.69	0	0	0
53	SLE RA 20	-0.01	-0.27	8.76	0	0	0
53	SLE RA 21	-0.01	-0.26	8.76	0	0	0
53	SLE FR 1	0.01	-0.26	7.78	0	0	0
53	SLE FR 2	0.01	-0.26	7.78	0	0	0
53	SLE FR 3	0.01	-0.26	7.81	0	0	0
53	SLE FR 4	0.01	-0.26	8.06	0	0	0
53	SLE FR 5	0.01	-0.26	8.08	0	0	0
53	SLE FR 6	0.01	-0.26	8.24	0	0	0
53	SLE QP 1	0.01	-0.26	7.78	0	0	0
53	SLE QP 2	0.01	-0.26	8.05	0	0	0
53	SLD 1	0.53	-0.2	7.91	0	0	0
53	SLD 2	0.54	-0.18	7.9	0	0	0
53	SLD 3	0.5	-0.35	7.97	0	0	0
53	SLD 4	0.51	-0.34	7.97	0	0	0
53	SLD 5	0.21	-0.02	7.91	0	0	0
53	SLD 6	0.21	0	7.91	0	0	0
53	SLD 7	0.11	-0.52	8.13	0	0	0
53	SLD 8	0.11	-0.51	8.13	0	0	0
53	SLD 9	-0.09	-0.01	7.98	0	0	0
53	SLD 10	-0.09	0	7.98	0	0	0
53	SLD 11	-0.2	-0.51	8.2	0	0	0
53	SLD 12	-0.19	-0.5	8.2	0	0	0
53	SLD 13	-0.49	-0.18	8.14	0	0	0
53	SLD 14	-0.48	-0.16	8.13	0	0	0
53	SLD 15	-0.52	-0.33	8.21	0	0	0
53	SLD 16	-0.51	-0.31	8.2	0	0	0
53	SLV 1	1.23	-0.13	7.71	0	0	0
53	SLV 2	1.24	-0.09	7.71	0	0	0
53	SLV 3	1.16	-0.48	7.87	0	0	0
53	SLV 4	1.17	-0.43	7.86	0	0	0
53	SLV 5	0.48	0.29	7.72	0	0	0
53	SLV 6	0.49	0.32	7.72	0	0	0
53	SLV 7	0.25	-0.85	8.23	0	0	0
53	SLV 8	0.26	-0.82	8.23	0	0	0
53	SLV 9	-0.24	0.3	7.88	0	0	0
53	SLV 10	-0.23	0.33	7.88	0	0	0
53	SLV 11	-0.47	-0.84	8.39	0	0	0
53	SLV 12	-0.46	-0.81	8.39	0	0	0
53	SLV 13	-1.15	-0.09	8.25	0	0	0
53	SLV 14	-1.14	-0.04	8.24	0	0	0
53	SLV 15	-1.22	-0.43	8.4	0	0	0
53	SLV 16	-1.21	-0.38	8.4	0	0	0
54	SLU 1	0.01	-0.24	7.17	0	0	0
54	SLU 2	0.01	-0.23	7.18	0	0	0
54	SLU 3	0.01	-0.24	7.33	0	0	0
54	SLU 4	0.01	-0.23	7.34	0	0	0
54	SLU 5	0.01	-0.23	7.27	0	0	0
54	SLU 6	0.01	-0.24	7.43	0	0	0
54	SLU 7	0.01	-0.23	7.43	0	0	0
54	SLU 8	0.01	-0.24	7.36	0	0	0
54	SLU 9	0.01	-0.23	7.37	0	0	0
54	SLU 10	0	-0.24	8.07	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
54	SLU 11	-0.01	-0.25	8.23	0	0	0
54	SLU 12	-0.01	-0.24	8.23	0	0	0
54	SLU 13	-0.01	-0.24	8.17	0	0	0
54	SLU 14	-0.01	-0.25	8.33	0	0	0
54	SLU 15	-0.01	-0.24	8.33	0	0	0
54	SLU 16	-0.01	-0.25	8.26	0	0	0
54	SLU 17	-0.01	-0.24	8.26	0	0	0
54	SLU 18	-0.01	-0.25	8.45	0	0	0
54	SLU 19	-0.01	-0.25	8.45	0	0	0
54	SLU 20	-0.02	-0.25	8.55	0	0	0
54	SLU 21	-0.02	-0.25	8.55	0	0	0
54	SLU 22	0.01	-0.23	7.98	0	0	0
54	SLU 23	0.01	-0.23	7.99	0	0	0
54	SLU 24	0.01	-0.23	8.15	0	0	0
54	SLU 25	0.01	-0.23	8.15	0	0	0
54	SLU 26	0.01	-0.23	8.09	0	0	0
54	SLU 27	0.01	-0.23	8.24	0	0	0
54	SLU 28	0.01	-0.23	8.25	0	0	0
54	SLU 29	0.01	-0.23	8.18	0	0	0
54	SLU 30	0.01	-0.23	8.18	0	0	0
54	SLU 31	0	-0.23	8.89	0	0	0
54	SLU 32	-0.01	-0.24	9.04	0	0	0
54	SLU 33	-0.01	-0.24	9.05	0	0	0
54	SLU 34	-0.01	-0.23	8.98	0	0	0
54	SLU 35	-0.01	-0.24	9.14	0	0	0
54	SLU 36	-0.01	-0.24	9.14	0	0	0
54	SLU 37	-0.01	-0.24	9.07	0	0	0
54	SLU 38	-0.01	-0.24	9.08	0	0	0
54	SLU 39	-0.01	-0.24	9.26	0	0	0
54	SLU 40	-0.01	-0.24	9.27	0	0	0
54	SLU 41	-0.02	-0.24	9.36	0	0	0
54	SLU 42	-0.02	-0.24	9.36	0	0	0
54	SLU 43	0.02	-0.31	9.04	0	0	0
54	SLU 44	0.02	-0.3	9.05	0	0	0
54	SLU 45	0.01	-0.31	9.21	0	0	0
54	SLU 46	0.01	-0.31	9.21	0	0	0
54	SLU 47	0.01	-0.3	9.14	0	0	0
54	SLU 48	0.01	-0.31	9.3	0	0	0
54	SLU 49	0.01	-0.31	9.31	0	0	0
54	SLU 50	0.01	-0.31	9.23	0	0	0
54	SLU 51	0.01	-0.31	9.24	0	0	0
54	SLU 52	0	-0.31	9.94	0	0	0
54	SLU 53	0	-0.32	10.1	0	0	0
54	SLU 54	0	-0.32	10.11	0	0	0
54	SLU 55	0	-0.31	10.04	0	0	0
54	SLU 56	-0.01	-0.32	10.2	0	0	0
54	SLU 57	-0.01	-0.32	10.2	0	0	0
54	SLU 58	-0.01	-0.32	10.13	0	0	0
54	SLU 59	-0.01	-0.32	10.13	0	0	0
54	SLU 60	-0.01	-0.32	10.32	0	0	0
54	SLU 61	-0.01	-0.32	10.33	0	0	0
54	SLU 62	-0.01	-0.32	10.42	0	0	0
54	SLU 63	-0.01	-0.32	10.42	0	0	0
54	SLU 64	0.02	-0.3	9.86	0	0	0
54	SLU 65	0.02	-0.3	9.86	0	0	0
54	SLU 66	0.01	-0.31	10.02	0	0	0
54	SLU 67	0.01	-0.3	10.02	0	0	0
54	SLU 68	0.01	-0.3	9.96	0	0	0
54	SLU 69	0.01	-0.31	10.12	0	0	0
54	SLU 70	0.01	-0.3	10.12	0	0	0
54	SLU 71	0.01	-0.3	10.05	0	0	0
54	SLU 72	0.01	-0.3	10.05	0	0	0
54	SLU 73	0	-0.31	10.76	0	0	0
54	SLU 74	0	-0.31	10.92	0	0	0
54	SLU 75	0	-0.31	10.92	0	0	0
54	SLU 76	0	-0.31	10.85	0	0	0
54	SLU 77	-0.01	-0.31	11.01	0	0	0
54	SLU 78	-0.01	-0.31	11.02	0	0	0
54	SLU 79	-0.01	-0.31	10.94	0	0	0
54	SLU 80	-0.01	-0.31	10.95	0	0	0
54	SLU 81	-0.01	-0.32	11.14	0	0	0
54	SLU 82	-0.01	-0.31	11.14	0	0	0
54	SLU 83	-0.01	-0.32	11.23	0	0	0
54	SLU 84	-0.01	-0.31	11.24	0	0	0
54	SLE RA 1	0.01	-0.24	7.4	0	0	0
54	SLE RA 2	0.01	-0.23	7.41	0	0	0
54	SLE RA 3	0.01	-0.24	7.51	0	0	0
54	SLE RA 4	0.01	-0.23	7.51	0	0	0
54	SLE RA 5	0.01	-0.23	7.47	0	0	0
54	SLE RA 6	0.01	-0.24	7.58	0	0	0
54	SLE RA 7	0.01	-0.23	7.58	0	0	0
54	SLE RA 8	0.01	-0.24	7.53	0	0	0
54	SLE RA 9	0.01	-0.23	7.53	0	0	0
54	SLE RA 10	0	-0.24	8	0	0	0
54	SLE RA 11	0	-0.24	8.11	0	0	0
54	SLE RA 12	0	-0.24	8.11	0	0	0
54	SLE RA 13	0	-0.24	8.07	0	0	0
54	SLE RA 14	0	-0.24	8.17	0	0	0
54	SLE RA 15	0	-0.24	8.18	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
54	SLE RA 16	0	-0.24	8.13	0	0	0
54	SLE RA 17	0	-0.24	8.13	0	0	0
54	SLE RA 18	0	-0.24	8.26	0	0	0
54	SLE RA 19	0	-0.24	8.26	0	0	0
54	SLE RA 20	-0.01	-0.24	8.32	0	0	0
54	SLE RA 21	-0.01	-0.24	8.32	0	0	0
54	SLE FR 1	0.01	-0.24	7.4	0	0	0
54	SLE FR 2	0.01	-0.23	7.4	0	0	0
54	SLE FR 3	0.01	-0.24	7.43	0	0	0
54	SLE FR 4	0.01	-0.24	7.66	0	0	0
54	SLE FR 5	0.01	-0.24	7.68	0	0	0
54	SLE FR 6	0.01	-0.24	7.83	0	0	0
54	SLE QP 1	0.01	-0.24	7.4	0	0	0
54	SLE QP 2	0.01	-0.24	7.66	0	0	0
54	SLD 1	0.51	-0.19	7.49	0	0	0
54	SLD 2	0.51	-0.17	7.49	0	0	0
54	SLD 3	0.48	-0.33	7.55	0	0	0
54	SLD 4	0.48	-0.31	7.55	0	0	0
54	SLD 5	0.2	-0.01	7.52	0	0	0
54	SLD 6	0.2	0	7.52	0	0	0
54	SLD 7	0.1	-0.49	7.72	0	0	0
54	SLD 8	0.11	-0.47	7.71	0	0	0
54	SLD 9	-0.09	0	7.6	0	0	0
54	SLD 10	-0.09	0.01	7.6	0	0	0
54	SLD 11	-0.19	-0.48	7.8	0	0	0
54	SLD 12	-0.18	-0.47	7.8	0	0	0
54	SLD 13	-0.46	-0.17	7.77	0	0	0
54	SLD 14	-0.46	-0.15	7.77	0	0	0
54	SLD 15	-0.49	-0.31	7.83	0	0	0
54	SLD 16	-0.49	-0.29	7.82	0	0	0
54	SLV 1	1.17	-0.13	7.27	0	0	0
54	SLV 2	1.18	-0.08	7.27	0	0	0
54	SLV 3	1.11	-0.45	7.41	0	0	0
54	SLV 4	1.12	-0.4	7.4	0	0	0
54	SLV 5	0.46	0.28	7.34	0	0	0
54	SLV 6	0.46	0.31	7.34	0	0	0
54	SLV 7	0.24	-0.8	7.79	0	0	0
54	SLV 8	0.24	-0.77	7.78	0	0	0
54	SLV 9	-0.23	0.29	7.54	0	0	0
54	SLV 10	-0.22	0.32	7.53	0	0	0
54	SLV 11	-0.45	-0.78	7.98	0	0	0
54	SLV 12	-0.44	-0.75	7.97	0	0	0
54	SLV 13	-1.1	-0.08	7.92	0	0	0
54	SLV 14	-1.09	-0.03	7.91	0	0	0
54	SLV 15	-1.17	-0.4	8.05	0	0	0
54	SLV 16	-1.15	-0.35	8.04	0	0	0
55	SLU 1	0.02	-0.27	8.27	0	0	0
55	SLU 2	0.02	-0.26	8.28	0	0	0
55	SLU 3	0.01	-0.27	8.46	0	0	0
55	SLU 4	0.01	-0.26	8.46	0	0	0
55	SLU 5	0.01	-0.26	8.39	0	0	0
55	SLU 6	0.01	-0.27	8.57	0	0	0
55	SLU 7	0.01	-0.26	8.57	0	0	0
55	SLU 8	0.01	-0.26	8.49	0	0	0
55	SLU 9	0.01	-0.26	8.49	0	0	0
55	SLU 10	0	-0.27	9.31	0	0	0
55	SLU 11	-0.01	-0.28	9.49	0	0	0
55	SLU 12	-0.01	-0.27	9.49	0	0	0
55	SLU 13	-0.01	-0.27	9.41	0	0	0
55	SLU 14	-0.01	-0.27	9.59	0	0	0
55	SLU 15	-0.01	-0.27	9.6	0	0	0
55	SLU 16	-0.01	-0.27	9.52	0	0	0
55	SLU 17	-0.01	-0.27	9.52	0	0	0
55	SLU 18	-0.01	-0.28	9.74	0	0	0
55	SLU 19	-0.01	-0.27	9.74	0	0	0
55	SLU 20	-0.02	-0.28	9.85	0	0	0
55	SLU 21	-0.02	-0.27	9.85	0	0	0
55	SLU 22	0.02	-0.26	9.21	0	0	0
55	SLU 23	0.02	-0.25	9.22	0	0	0
55	SLU 24	0.01	-0.26	9.4	0	0	0
55	SLU 25	0.01	-0.25	9.4	0	0	0
55	SLU 26	0.01	-0.25	9.33	0	0	0
55	SLU 27	0.01	-0.26	9.51	0	0	0
55	SLU 28	0.01	-0.25	9.51	0	0	0
55	SLU 29	0.01	-0.26	9.43	0	0	0
55	SLU 30	0.01	-0.25	9.43	0	0	0
55	SLU 31	0	-0.26	10.25	0	0	0
55	SLU 32	-0.01	-0.27	10.43	0	0	0
55	SLU 33	-0.01	-0.26	10.43	0	0	0
55	SLU 34	-0.01	-0.26	10.35	0	0	0
55	SLU 35	-0.01	-0.27	10.53	0	0	0
55	SLU 36	-0.01	-0.26	10.54	0	0	0
55	SLU 37	-0.01	-0.27	10.46	0	0	0
55	SLU 38	-0.01	-0.26	10.46	0	0	0
55	SLU 39	-0.01	-0.27	10.68	0	0	0
55	SLU 40	-0.01	-0.27	10.68	0	0	0
55	SLU 41	-0.02	-0.27	10.79	0	0	0
55	SLU 42	-0.02	-0.27	10.79	0	0	0
55	SLU 43	0.02	-0.35	10.43	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
55	SLU 44	0.02	-0.34	10.44	0	0	0
55	SLU 45	0.02	-0.35	10.62	0	0	0
55	SLU 46	0.02	-0.34	10.62	0	0	0
55	SLU 47	0.02	-0.34	10.55	0	0	0
55	SLU 48	0.01	-0.35	10.73	0	0	0
55	SLU 49	0.01	-0.34	10.73	0	0	0
55	SLU 50	0.01	-0.35	10.65	0	0	0
55	SLU 51	0.01	-0.34	10.65	0	0	0
55	SLU 52	0	-0.35	11.46	0	0	0
55	SLU 53	0	-0.36	11.65	0	0	0
55	SLU 54	0	-0.35	11.65	0	0	0
55	SLU 55	0	-0.35	11.57	0	0	0
55	SLU 56	-0.01	-0.36	11.75	0	0	0
55	SLU 57	-0.01	-0.35	11.76	0	0	0
55	SLU 58	-0.01	-0.36	11.67	0	0	0
55	SLU 59	-0.01	-0.35	11.68	0	0	0
55	SLU 60	-0.01	-0.36	11.9	0	0	0
55	SLU 61	-0.01	-0.36	11.9	0	0	0
55	SLU 62	-0.01	-0.36	12.01	0	0	0
55	SLU 63	-0.01	-0.36	12.01	0	0	0
55	SLU 64	0.02	-0.34	11.37	0	0	0
55	SLU 65	0.02	-0.33	11.38	0	0	0
55	SLU 66	0.02	-0.34	11.56	0	0	0
55	SLU 67	0.02	-0.34	11.56	0	0	0
55	SLU 68	0.02	-0.33	11.49	0	0	0
55	SLU 69	0.01	-0.34	11.67	0	0	0
55	SLU 70	0.01	-0.34	11.67	0	0	0
55	SLU 71	0.01	-0.34	11.59	0	0	0
55	SLU 72	0.01	-0.33	11.59	0	0	0
55	SLU 73	0	-0.34	12.4	0	0	0
55	SLU 74	0	-0.35	12.59	0	0	0
55	SLU 75	0	-0.35	12.59	0	0	0
55	SLU 76	0	-0.34	12.51	0	0	0
55	SLU 77	-0.01	-0.35	12.69	0	0	0
55	SLU 78	-0.01	-0.35	12.7	0	0	0
55	SLU 79	-0.01	-0.35	12.61	0	0	0
55	SLU 80	-0.01	-0.34	12.62	0	0	0
55	SLU 81	-0.01	-0.35	12.84	0	0	0
55	SLU 82	-0.01	-0.35	12.84	0	0	0
55	SLU 83	-0.01	-0.35	12.95	0	0	0
55	SLU 84	-0.01	-0.35	12.95	0	0	0
55	SLE RA 1	0.02	-0.26	8.54	0	0	0
55	SLE RA 2	0.02	-0.26	8.55	0	0	0
55	SLE RA 3	0.01	-0.26	8.67	0	0	0
55	SLE RA 4	0.01	-0.26	8.67	0	0	0
55	SLE RA 5	0.01	-0.26	8.62	0	0	0
55	SLE RA 6	0.01	-0.26	8.74	0	0	0
55	SLE RA 7	0.01	-0.26	8.74	0	0	0
55	SLE RA 8	0.01	-0.26	8.69	0	0	0
55	SLE RA 9	0.01	-0.26	8.69	0	0	0
55	SLE RA 10	0	-0.26	9.23	0	0	0
55	SLE RA 11	0	-0.27	9.35	0	0	0
55	SLE RA 12	0	-0.27	9.35	0	0	0
55	SLE RA 13	0	-0.26	9.3	0	0	0
55	SLE RA 14	0	-0.27	9.42	0	0	0
55	SLE RA 15	0	-0.27	9.43	0	0	0
55	SLE RA 16	0	-0.27	9.37	0	0	0
55	SLE RA 17	0	-0.27	9.37	0	0	0
55	SLE RA 18	0	-0.27	9.52	0	0	0
55	SLE RA 19	0	-0.27	9.52	0	0	0
55	SLE RA 20	-0.01	-0.27	9.59	0	0	0
55	SLE RA 21	-0.01	-0.27	9.59	0	0	0
55	SLE FR 1	0.02	-0.26	8.54	0	0	0
55	SLE FR 2	0.02	-0.26	8.54	0	0	0
55	SLE FR 3	0.01	-0.26	8.57	0	0	0
55	SLE FR 4	0.01	-0.26	8.83	0	0	0
55	SLE FR 5	0.01	-0.27	8.86	0	0	0
55	SLE FR 6	0.01	-0.27	9.03	0	0	0
55	SLE QP 1	0.02	-0.26	8.54	0	0	0
55	SLE QP 2	0.01	-0.27	8.83	0	0	0
55	SLD 1	0.59	-0.18	8.61	0	0	0
55	SLD 2	0.59	-0.16	8.61	0	0	0
55	SLD 3	0.55	-0.35	8.67	0	0	0
55	SLD 4	0.56	-0.32	8.67	0	0	0
55	SLD 5	0.23	0	8.67	0	0	0
55	SLD 6	0.24	0.02	8.67	0	0	0
55	SLD 7	0.12	-0.54	8.88	0	0	0
55	SLD 8	0.12	-0.52	8.88	0	0	0
55	SLD 9	-0.1	-0.01	8.79	0	0	0
55	SLD 10	-0.1	0.01	8.79	0	0	0
55	SLD 11	-0.22	-0.55	9	0	0	0
55	SLD 12	-0.21	-0.53	8.99	0	0	0
55	SLD 13	-0.54	-0.21	9	0	0	0
55	SLD 14	-0.53	-0.18	8.99	0	0	0
55	SLD 15	-0.57	-0.37	9.06	0	0	0
55	SLD 16	-0.56	-0.35	9.05	0	0	0
55	SLV 1	1.35	-0.08	8.32	0	0	0
55	SLV 2	1.37	-0.02	8.31	0	0	0
55	SLV 3	1.28	-0.45	8.46	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
55	SLV 4	1.29	-0.39	8.45	0	0	0
55	SLV 5	0.53	0.34	8.47	0	0	0
55	SLV 6	0.54	0.38	8.46	0	0	0
55	SLV 7	0.27	-0.89	8.94	0	0	0
55	SLV 8	0.28	-0.85	8.93	0	0	0
55	SLV 9	-0.26	0.32	8.74	0	0	0
55	SLV 10	-0.25	0.36	8.73	0	0	0
55	SLV 11	-0.51	-0.91	9.21	0	0	0
55	SLV 12	-0.51	-0.87	9.2	0	0	0
55	SLV 13	-1.27	-0.14	9.22	0	0	0
55	SLV 14	-1.26	-0.08	9.21	0	0	0
55	SLV 15	-1.35	-0.51	9.36	0	0	0
55	SLV 16	-1.33	-0.45	9.35	0	0	0
56	SLU 1	0.01	-0.14	4.67	0	0	0
56	SLU 2	0.01	-0.14	4.67	0	0	0
56	SLU 3	0.01	-0.14	4.77	0	0	0
56	SLU 4	0.01	-0.14	4.78	0	0	0
56	SLU 5	0.01	-0.14	4.73	0	0	0
56	SLU 6	0	-0.14	4.83	0	0	0
56	SLU 7	0	-0.14	4.84	0	0	0
56	SLU 8	0	-0.14	4.79	0	0	0
56	SLU 9	0	-0.14	4.79	0	0	0
56	SLU 10	0	-0.14	5.25	0	0	0
56	SLU 11	0	-0.15	5.35	0	0	0
56	SLU 12	0	-0.15	5.35	0	0	0
56	SLU 13	-0.01	-0.14	5.31	0	0	0
56	SLU 14	-0.01	-0.15	5.41	0	0	0
56	SLU 15	-0.01	-0.15	5.41	0	0	0
56	SLU 16	-0.01	-0.15	5.36	0	0	0
56	SLU 17	-0.01	-0.14	5.36	0	0	0
56	SLU 18	-0.01	-0.15	5.49	0	0	0
56	SLU 19	-0.01	-0.15	5.49	0	0	0
56	SLU 20	-0.01	-0.15	5.55	0	0	0
56	SLU 21	-0.01	-0.15	5.55	0	0	0
56	SLU 22	0.01	-0.14	5.2	0	0	0
56	SLU 23	0.01	-0.13	5.2	0	0	0
56	SLU 24	0.01	-0.14	5.3	0	0	0
56	SLU 25	0.01	-0.14	5.31	0	0	0
56	SLU 26	0.01	-0.13	5.26	0	0	0
56	SLU 27	0	-0.14	5.36	0	0	0
56	SLU 28	0	-0.14	5.37	0	0	0
56	SLU 29	0	-0.14	5.32	0	0	0
56	SLU 30	0	-0.14	5.32	0	0	0
56	SLU 31	0	-0.14	5.78	0	0	0
56	SLU 32	0	-0.14	5.88	0	0	0
56	SLU 33	0	-0.14	5.88	0	0	0
56	SLU 34	-0.01	-0.14	5.84	0	0	0
56	SLU 35	-0.01	-0.14	5.94	0	0	0
56	SLU 36	-0.01	-0.14	5.94	0	0	0
56	SLU 37	-0.01	-0.14	5.89	0	0	0
56	SLU 38	-0.01	-0.14	5.89	0	0	0
56	SLU 39	-0.01	-0.14	6.02	0	0	0
56	SLU 40	-0.01	-0.14	6.02	0	0	0
56	SLU 41	-0.01	-0.14	6.08	0	0	0
56	SLU 42	-0.01	-0.14	6.08	0	0	0
56	SLU 43	0.01	-0.19	5.89	0	0	0
56	SLU 44	0.01	-0.18	5.89	0	0	0
56	SLU 45	0.01	-0.19	5.99	0	0	0
56	SLU 46	0.01	-0.19	5.99	0	0	0
56	SLU 47	0.01	-0.18	5.95	0	0	0
56	SLU 48	0.01	-0.19	6.05	0	0	0
56	SLU 49	0.01	-0.19	6.05	0	0	0
56	SLU 50	0.01	-0.19	6.01	0	0	0
56	SLU 51	0.01	-0.19	6.01	0	0	0
56	SLU 52	0	-0.19	6.47	0	0	0
56	SLU 53	0	-0.19	6.57	0	0	0
56	SLU 54	0	-0.19	6.57	0	0	0
56	SLU 55	0	-0.19	6.52	0	0	0
56	SLU 56	0	-0.19	6.63	0	0	0
56	SLU 57	0	-0.19	6.63	0	0	0
56	SLU 58	-0.01	-0.19	6.58	0	0	0
56	SLU 59	-0.01	-0.19	6.58	0	0	0
56	SLU 60	0	-0.19	6.71	0	0	0
56	SLU 61	0	-0.19	6.71	0	0	0
56	SLU 62	-0.01	-0.19	6.77	0	0	0
56	SLU 63	-0.01	-0.19	6.77	0	0	0
56	SLU 64	0.01	-0.18	6.42	0	0	0
56	SLU 65	0.01	-0.18	6.42	0	0	0
56	SLU 66	0.01	-0.18	6.52	0	0	0
56	SLU 67	0.01	-0.18	6.52	0	0	0
56	SLU 68	0.01	-0.18	6.48	0	0	0
56	SLU 69	0.01	-0.18	6.58	0	0	0
56	SLU 70	0.01	-0.18	6.58	0	0	0
56	SLU 71	0.01	-0.18	6.54	0	0	0
56	SLU 72	0.01	-0.18	6.54	0	0	0
56	SLU 73	0	-0.18	7	0	0	0
56	SLU 74	0	-0.19	7.1	0	0	0
56	SLU 75	0	-0.19	7.1	0	0	0
56	SLU 76	0	-0.18	7.05	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
56	SLU 77	0	-0.19	7.16	0	0	0
56	SLU 78	0	-0.19	7.16	0	0	0
56	SLU 79	-0.01	-0.19	7.11	0	0	0
56	SLU 80	-0.01	-0.18	7.11	0	0	0
56	SLU 81	0	-0.19	7.24	0	0	0
56	SLU 82	0	-0.19	7.24	0	0	0
56	SLU 83	-0.01	-0.19	7.3	0	0	0
56	SLU 84	-0.01	-0.19	7.3	0	0	0
56	SLE RA 1	0.01	-0.14	4.82	0	0	0
56	SLE RA 2	0.01	-0.14	4.82	0	0	0
56	SLE RA 3	0.01	-0.14	4.89	0	0	0
56	SLE RA 4	0.01	-0.14	4.89	0	0	0
56	SLE RA 5	0.01	-0.14	4.86	0	0	0
56	SLE RA 6	0.01	-0.14	4.93	0	0	0
56	SLE RA 7	0.01	-0.14	4.93	0	0	0
56	SLE RA 8	0.01	-0.14	4.9	0	0	0
56	SLE RA 9	0.01	-0.14	4.9	0	0	0
56	SLE RA 10	0	-0.14	5.21	0	0	0
56	SLE RA 11	0	-0.15	5.27	0	0	0
56	SLE RA 12	0	-0.14	5.27	0	0	0
56	SLE RA 13	0	-0.14	5.25	0	0	0
56	SLE RA 14	0	-0.14	5.31	0	0	0
56	SLE RA 15	0	-0.14	5.31	0	0	0
56	SLE RA 16	0	-0.14	5.28	0	0	0
56	SLE RA 17	0	-0.14	5.28	0	0	0
56	SLE RA 18	0	-0.15	5.37	0	0	0
56	SLE RA 19	0	-0.14	5.37	0	0	0
56	SLE RA 20	0	-0.15	5.41	0	0	0
56	SLE RA 21	0	-0.14	5.41	0	0	0
56	SLE FR 1	0.01	-0.14	4.82	0	0	0
56	SLE FR 2	0.01	-0.14	4.82	0	0	0
56	SLE FR 3	0.01	-0.14	4.84	0	0	0
56	SLE FR 4	0.01	-0.14	4.98	0	0	0
56	SLE FR 5	0.01	-0.14	5	0	0	0
56	SLE FR 6	0	-0.14	5.09	0	0	0
56	SLE QP 1	0.01	-0.14	4.82	0	0	0
56	SLE QP 2	0.01	-0.14	4.98	0	0	0
56	SLD 1	0.33	-0.1	4.84	0	0	0
56	SLD 2	0.33	-0.08	4.83	0	0	0
56	SLD 3	0.31	-0.19	4.87	0	0	0
56	SLD 4	0.32	-0.17	4.86	0	0	0
56	SLD 5	0.13	0.01	4.89	0	0	0
56	SLD 6	0.13	0.02	4.89	0	0	0
56	SLD 7	0.07	-0.3	5	0	0	0
56	SLD 8	0.07	-0.29	5	0	0	0
56	SLD 9	-0.06	0	4.97	0	0	0
56	SLD 10	-0.06	0.01	4.97	0	0	0
56	SLD 11	-0.12	-0.3	5.08	0	0	0
56	SLD 12	-0.12	-0.29	5.08	0	0	0
56	SLD 13	-0.3	-0.11	5.1	0	0	0
56	SLD 14	-0.3	-0.1	5.1	0	0	0
56	SLD 15	-0.32	-0.21	5.14	0	0	0
56	SLD 16	-0.32	-0.19	5.13	0	0	0
56	SLV 1	0.77	-0.04	4.64	0	0	0
56	SLV 2	0.78	0	4.63	0	0	0
56	SLV 3	0.72	-0.25	4.71	0	0	0
56	SLV 4	0.73	-0.21	4.7	0	0	0
56	SLV 5	0.3	0.19	4.77	0	0	0
56	SLV 6	0.3	0.22	4.76	0	0	0
56	SLV 7	0.15	-0.5	5.02	0	0	0
56	SLV 8	0.16	-0.47	5.01	0	0	0
56	SLV 9	-0.15	0.18	4.96	0	0	0
56	SLV 10	-0.14	0.21	4.95	0	0	0
56	SLV 11	-0.29	-0.51	5.21	0	0	0
56	SLV 12	-0.29	-0.48	5.2	0	0	0
56	SLV 13	-0.72	-0.08	5.27	0	0	0
56	SLV 14	-0.71	-0.04	5.26	0	0	0
56	SLV 15	-0.76	-0.29	5.34	0	0	0
56	SLV 16	-0.76	-0.24	5.33	0	0	0
57	SLU 1	0	-0.18	4.52	0	0	0
57	SLU 2	0	-0.18	4.52	0	0	0
57	SLU 3	0	-0.18	4.63	0	0	0
57	SLU 4	0	-0.18	4.63	0	0	0
57	SLU 5	0	-0.18	4.59	0	0	0
57	SLU 6	0	-0.18	4.69	0	0	0
57	SLU 7	0	-0.18	4.69	0	0	0
57	SLU 8	0	-0.18	4.65	0	0	0
57	SLU 9	0	-0.18	4.65	0	0	0
57	SLU 10	-0.01	-0.18	5.11	0	0	0
57	SLU 11	-0.01	-0.19	5.22	0	0	0
57	SLU 12	-0.01	-0.19	5.22	0	0	0
57	SLU 13	-0.01	-0.18	5.18	0	0	0
57	SLU 14	-0.01	-0.19	5.28	0	0	0
57	SLU 15	-0.01	-0.19	5.29	0	0	0
57	SLU 16	-0.01	-0.19	5.24	0	0	0
57	SLU 17	-0.01	-0.19	5.24	0	0	0
57	SLU 18	-0.01	-0.19	5.36	0	0	0
57	SLU 19	-0.01	-0.19	5.36	0	0	0
57	SLU 20	-0.02	-0.19	5.43	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
57	SLU 21	-0.02	-0.19	5.43	0	0	0
57	SLU 22	0	-0.18	5.03	0	0	0
57	SLU 23	0	-0.17	5.04	0	0	0
57	SLU 24	0	-0.18	5.14	0	0	0
57	SLU 25	0	-0.18	5.15	0	0	0
57	SLU 26	0	-0.17	5.1	0	0	0
57	SLU 27	0	-0.18	5.21	0	0	0
57	SLU 28	0	-0.18	5.21	0	0	0
57	SLU 29	0	-0.18	5.17	0	0	0
57	SLU 30	0	-0.18	5.17	0	0	0
57	SLU 31	-0.01	-0.18	5.63	0	0	0
57	SLU 32	-0.01	-0.19	5.73	0	0	0
57	SLU 33	-0.01	-0.19	5.74	0	0	0
57	SLU 34	-0.01	-0.18	5.7	0	0	0
57	SLU 35	-0.01	-0.19	5.8	0	0	0
57	SLU 36	-0.01	-0.19	5.8	0	0	0
57	SLU 37	-0.02	-0.19	5.76	0	0	0
57	SLU 38	-0.02	-0.19	5.76	0	0	0
57	SLU 39	-0.01	-0.19	5.88	0	0	0
57	SLU 40	-0.01	-0.19	5.88	0	0	0
57	SLU 41	-0.02	-0.19	5.95	0	0	0
57	SLU 42	-0.02	-0.19	5.95	0	0	0
57	SLU 43	0	-0.23	5.69	0	0	0
57	SLU 44	0	-0.23	5.7	0	0	0
57	SLU 45	0	-0.23	5.8	0	0	0
57	SLU 46	0	-0.23	5.8	0	0	0
57	SLU 47	0	-0.23	5.76	0	0	0
57	SLU 48	0	-0.23	5.87	0	0	0
57	SLU 49	0	-0.23	5.87	0	0	0
57	SLU 50	0	-0.23	5.83	0	0	0
57	SLU 51	0	-0.23	5.83	0	0	0
57	SLU 52	-0.01	-0.24	6.29	0	0	0
57	SLU 53	-0.01	-0.24	6.39	0	0	0
57	SLU 54	-0.01	-0.24	6.4	0	0	0
57	SLU 55	-0.01	-0.24	6.35	0	0	0
57	SLU 56	-0.01	-0.24	6.46	0	0	0
57	SLU 57	-0.01	-0.24	6.46	0	0	0
57	SLU 58	-0.01	-0.24	6.42	0	0	0
57	SLU 59	-0.01	-0.24	6.42	0	0	0
57	SLU 60	-0.01	-0.25	6.54	0	0	0
57	SLU 61	-0.01	-0.24	6.54	0	0	0
57	SLU 62	-0.02	-0.25	6.61	0	0	0
57	SLU 63	-0.02	-0.24	6.61	0	0	0
57	SLU 64	0	-0.23	6.21	0	0	0
57	SLU 65	0	-0.23	6.21	0	0	0
57	SLU 66	0	-0.23	6.32	0	0	0
57	SLU 67	0	-0.23	6.32	0	0	0
57	SLU 68	0	-0.23	6.28	0	0	0
57	SLU 69	0	-0.23	6.39	0	0	0
57	SLU 70	0	-0.23	6.39	0	0	0
57	SLU 71	0	-0.23	6.35	0	0	0
57	SLU 72	0	-0.23	6.35	0	0	0
57	SLU 73	-0.01	-0.24	6.8	0	0	0
57	SLU 74	-0.01	-0.24	6.91	0	0	0
57	SLU 75	-0.01	-0.24	6.91	0	0	0
57	SLU 76	-0.01	-0.24	6.87	0	0	0
57	SLU 77	-0.01	-0.24	6.98	0	0	0
57	SLU 78	-0.01	-0.24	6.98	0	0	0
57	SLU 79	-0.01	-0.24	6.94	0	0	0
57	SLU 80	-0.01	-0.24	6.94	0	0	0
57	SLU 81	-0.01	-0.25	7.06	0	0	0
57	SLU 82	-0.01	-0.24	7.06	0	0	0
57	SLU 83	-0.02	-0.25	7.12	0	0	0
57	SLU 84	-0.02	-0.24	7.12	0	0	0
57	SLE RA 1	0	-0.18	4.66	0	0	0
57	SLE RA 2	0	-0.18	4.67	0	0	0
57	SLE RA 3	0	-0.18	4.74	0	0	0
57	SLE RA 4	0	-0.18	4.74	0	0	0
57	SLE RA 5	0	-0.18	4.71	0	0	0
57	SLE RA 6	0	-0.18	4.78	0	0	0
57	SLE RA 7	0	-0.18	4.78	0	0	0
57	SLE RA 8	0	-0.18	4.75	0	0	0
57	SLE RA 9	0	-0.18	4.76	0	0	0
57	SLE RA 10	-0.01	-0.18	5.06	0	0	0
57	SLE RA 11	-0.01	-0.19	5.13	0	0	0
57	SLE RA 12	-0.01	-0.18	5.13	0	0	0
57	SLE RA 13	-0.01	-0.18	5.1	0	0	0
57	SLE RA 14	-0.01	-0.19	5.18	0	0	0
57	SLE RA 15	-0.01	-0.18	5.18	0	0	0
57	SLE RA 16	-0.01	-0.19	5.15	0	0	0
57	SLE RA 17	-0.01	-0.18	5.15	0	0	0
57	SLE RA 18	-0.01	-0.19	5.23	0	0	0
57	SLE RA 19	-0.01	-0.19	5.23	0	0	0
57	SLE RA 20	-0.01	-0.19	5.27	0	0	0
57	SLE RA 21	-0.01	-0.19	5.27	0	0	0
57	SLE FR 1	0	-0.18	4.66	0	0	0
57	SLE FR 2	0	-0.18	4.66	0	0	0
57	SLE FR 3	0	-0.18	4.68	0	0	0
57	SLE FR 4	0	-0.18	4.83	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
57	SLE FR 5	0	-0.18	4.85	0	0	0
57	SLE FR 6	0	-0.18	4.95	0	0	0
57	SLE QP 1	0	-0.18	4.66	0	0	0
57	SLE QP 2	0	-0.18	4.83	0	0	0
57	SLD 1	0.31	-0.14	4.82	0	0	0
57	SLD 2	0.32	-0.14	4.82	0	0	0
57	SLD 3	0.29	-0.24	4.91	0	0	0
57	SLD 4	0.3	-0.23	4.9	0	0	0
57	SLD 5	0.12	-0.03	4.7	0	0	0
57	SLD 6	0.12	-0.02	4.7	0	0	0
57	SLD 7	0.06	-0.34	4.99	0	0	0
57	SLD 8	0.06	-0.34	4.99	0	0	0
57	SLD 9	-0.06	-0.02	4.68	0	0	0
57	SLD 10	-0.06	-0.02	4.68	0	0	0
57	SLD 11	-0.13	-0.34	4.97	0	0	0
57	SLD 12	-0.12	-0.34	4.97	0	0	0
57	SLD 13	-0.3	-0.13	4.76	0	0	0
57	SLD 14	-0.3	-0.13	4.76	0	0	0
57	SLD 15	-0.32	-0.22	4.85	0	0	0
57	SLD 16	-0.32	-0.22	4.85	0	0	0
57	SLV 1	0.74	-0.09	4.8	0	0	0
57	SLV 2	0.74	-0.09	4.8	0	0	0
57	SLV 3	0.69	-0.31	5	0	0	0
57	SLV 4	0.69	-0.3	5	0	0	0
57	SLV 5	0.29	0.17	4.53	0	0	0
57	SLV 6	0.29	0.18	4.53	0	0	0
57	SLV 7	0.14	-0.55	5.18	0	0	0
57	SLV 8	0.14	-0.54	5.18	0	0	0
57	SLV 9	-0.14	0.18	4.49	0	0	0
57	SLV 10	-0.14	0.18	4.49	0	0	0
57	SLV 11	-0.29	-0.54	5.14	0	0	0
57	SLV 12	-0.29	-0.53	5.14	0	0	0
57	SLV 13	-0.7	-0.06	4.67	0	0	0
57	SLV 14	-0.69	-0.05	4.67	0	0	0
57	SLV 15	-0.74	-0.28	4.87	0	0	0
57	SLV 16	-0.74	-0.27	4.86	0	0	0
58	SLU 1	0	-0.31	8.11	0	0	0
58	SLU 2	0	-0.3	8.11	0	0	0
58	SLU 3	0	-0.31	8.3	0	0	0
58	SLU 4	0	-0.31	8.3	0	0	0
58	SLU 5	0	-0.3	8.23	0	0	0
58	SLU 6	0	-0.31	8.42	0	0	0
58	SLU 7	0	-0.31	8.42	0	0	0
58	SLU 8	-0.01	-0.31	8.35	0	0	0
58	SLU 9	-0.01	-0.31	8.35	0	0	0
58	SLU 10	-0.02	-0.32	9.16	0	0	0
58	SLU 11	-0.02	-0.33	9.35	0	0	0
58	SLU 12	-0.02	-0.32	9.36	0	0	0
58	SLU 13	-0.02	-0.32	9.28	0	0	0
58	SLU 14	-0.03	-0.33	9.47	0	0	0
58	SLU 15	-0.03	-0.32	9.48	0	0	0
58	SLU 16	-0.03	-0.33	9.4	0	0	0
58	SLU 17	-0.03	-0.32	9.4	0	0	0
58	SLU 18	-0.03	-0.33	9.61	0	0	0
58	SLU 19	-0.03	-0.33	9.61	0	0	0
58	SLU 20	-0.03	-0.33	9.73	0	0	0
58	SLU 21	-0.03	-0.33	9.73	0	0	0
58	SLU 22	0	-0.31	9.04	0	0	0
58	SLU 23	0	-0.3	9.04	0	0	0
58	SLU 24	0	-0.31	9.23	0	0	0
58	SLU 25	0	-0.3	9.24	0	0	0
58	SLU 26	0	-0.3	9.16	0	0	0
58	SLU 27	-0.01	-0.31	9.35	0	0	0
58	SLU 28	-0.01	-0.3	9.35	0	0	0
58	SLU 29	-0.01	-0.31	9.28	0	0	0
58	SLU 30	-0.01	-0.3	9.28	0	0	0
58	SLU 31	-0.02	-0.32	10.09	0	0	0
58	SLU 32	-0.02	-0.32	10.28	0	0	0
58	SLU 33	-0.02	-0.32	10.29	0	0	0
58	SLU 34	-0.02	-0.32	10.21	0	0	0
58	SLU 35	-0.03	-0.32	10.4	0	0	0
58	SLU 36	-0.03	-0.32	10.41	0	0	0
58	SLU 37	-0.03	-0.32	10.33	0	0	0
58	SLU 38	-0.03	-0.32	10.33	0	0	0
58	SLU 39	-0.03	-0.33	10.54	0	0	0
58	SLU 40	-0.03	-0.32	10.54	0	0	0
58	SLU 41	-0.03	-0.33	10.66	0	0	0
58	SLU 42	-0.03	-0.32	10.66	0	0	0
58	SLU 43	0.01	-0.4	10.22	0	0	0
58	SLU 44	0.01	-0.4	10.23	0	0	0
58	SLU 45	0	-0.41	10.42	0	0	0
58	SLU 46	0	-0.4	10.42	0	0	0
58	SLU 47	0	-0.4	10.34	0	0	0
58	SLU 48	0	-0.41	10.53	0	0	0
58	SLU 49	0	-0.4	10.54	0	0	0
58	SLU 50	0	-0.4	10.46	0	0	0
58	SLU 51	0	-0.4	10.46	0	0	0
58	SLU 52	-0.02	-0.41	11.28	0	0	0
58	SLU 53	-0.02	-0.42	11.47	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
58	SLU 54	-0.02	-0.42	11.47	0	0	0
58	SLU 55	-0.02	-0.41	11.4	0	0	0
58	SLU 56	-0.02	-0.42	11.59	0	0	0
58	SLU 57	-0.02	-0.42	11.59	0	0	0
58	SLU 58	-0.03	-0.42	11.51	0	0	0
58	SLU 59	-0.03	-0.42	11.51	0	0	0
58	SLU 60	-0.02	-0.43	11.72	0	0	0
58	SLU 61	-0.02	-0.42	11.73	0	0	0
58	SLU 62	-0.03	-0.43	11.84	0	0	0
58	SLU 63	-0.03	-0.42	11.84	0	0	0
58	SLU 64	0.01	-0.4	11.15	0	0	0
58	SLU 65	0.01	-0.39	11.16	0	0	0
58	SLU 66	0	-0.4	11.35	0	0	0
58	SLU 67	0	-0.4	11.35	0	0	0
58	SLU 68	0	-0.39	11.27	0	0	0
58	SLU 69	0	-0.4	11.47	0	0	0
58	SLU 70	0	-0.4	11.47	0	0	0
58	SLU 71	0	-0.4	11.39	0	0	0
58	SLU 72	0	-0.4	11.39	0	0	0
58	SLU 73	-0.02	-0.41	12.21	0	0	0
58	SLU 74	-0.02	-0.42	12.4	0	0	0
58	SLU 75	-0.02	-0.41	12.4	0	0	0
58	SLU 76	-0.02	-0.41	12.33	0	0	0
58	SLU 77	-0.03	-0.42	12.52	0	0	0
58	SLU 78	-0.03	-0.41	12.52	0	0	0
58	SLU 79	-0.03	-0.42	12.44	0	0	0
58	SLU 80	-0.03	-0.41	12.44	0	0	0
58	SLU 81	-0.02	-0.42	12.65	0	0	0
58	SLU 82	-0.02	-0.42	12.66	0	0	0
58	SLU 83	-0.03	-0.42	12.77	0	0	0
58	SLU 84	-0.03	-0.42	12.77	0	0	0
58	SLE RA 1	0	-0.31	8.37	0	0	0
58	SLE RA 2	0	-0.3	8.38	0	0	0
58	SLE RA 3	0	-0.31	8.5	0	0	0
58	SLE RA 4	0	-0.31	8.51	0	0	0
58	SLE RA 5	0	-0.3	8.46	0	0	0
58	SLE RA 6	0	-0.31	8.58	0	0	0
58	SLE RA 7	0	-0.31	8.58	0	0	0
58	SLE RA 8	0	-0.31	8.53	0	0	0
58	SLE RA 9	0	-0.31	8.53	0	0	0
58	SLE RA 10	-0.01	-0.31	9.08	0	0	0
58	SLE RA 11	-0.01	-0.32	9.2	0	0	0
58	SLE RA 12	-0.01	-0.32	9.21	0	0	0
58	SLE RA 13	-0.01	-0.31	9.16	0	0	0
58	SLE RA 14	-0.02	-0.32	9.28	0	0	0
58	SLE RA 15	-0.02	-0.32	9.29	0	0	0
58	SLE RA 16	-0.02	-0.32	9.23	0	0	0
58	SLE RA 17	-0.02	-0.32	9.23	0	0	0
58	SLE RA 18	-0.02	-0.32	9.37	0	0	0
58	SLE RA 19	-0.02	-0.32	9.38	0	0	0
58	SLE RA 20	-0.02	-0.32	9.45	0	0	0
58	SLE RA 21	-0.02	-0.32	9.46	0	0	0
58	SLE FR 1	0	-0.31	8.37	0	0	0
58	SLE FR 2	0	-0.31	8.37	0	0	0
58	SLE FR 3	0	-0.31	8.41	0	0	0
58	SLE FR 4	0	-0.31	8.67	0	0	0
58	SLE FR 5	0	-0.31	8.71	0	0	0
58	SLE FR 6	-0.01	-0.32	8.87	0	0	0
58	SLE QP 1	0	-0.31	8.37	0	0	0
58	SLE QP 2	0	-0.31	8.67	0	0	0
58	SLD 1	0.57	-0.25	8.56	0	0	0
58	SLD 2	0.57	-0.24	8.56	0	0	0
58	SLD 3	0.53	-0.41	8.71	0	0	0
58	SLD 4	0.53	-0.4	8.7	0	0	0
58	SLD 5	0.22	-0.04	8.43	0	0	0
58	SLD 6	0.22	-0.03	8.43	0	0	0
58	SLD 7	0.1	-0.6	8.9	0	0	0
58	SLD 8	0.11	-0.59	8.9	0	0	0
58	SLD 9	-0.11	-0.03	8.45	0	0	0
58	SLD 10	-0.11	-0.03	8.45	0	0	0
58	SLD 11	-0.23	-0.59	8.92	0	0	0
58	SLD 12	-0.22	-0.59	8.92	0	0	0
58	SLD 13	-0.54	-0.22	8.64	0	0	0
58	SLD 14	-0.53	-0.21	8.64	0	0	0
58	SLD 15	-0.57	-0.39	8.79	0	0	0
58	SLD 16	-0.57	-0.38	8.78	0	0	0
58	SLV 1	1.32	-0.16	8.42	0	0	0
58	SLV 2	1.33	-0.14	8.42	0	0	0
58	SLV 3	1.25	-0.54	8.74	0	0	0
58	SLV 4	1.25	-0.52	8.74	0	0	0
58	SLV 5	0.52	0.31	8.11	0	0	0
58	SLV 6	0.52	0.32	8.11	0	0	0
58	SLV 7	0.25	-0.97	9.18	0	0	0
58	SLV 8	0.25	-0.95	9.18	0	0	0
58	SLV 9	-0.26	0.32	8.17	0	0	0
58	SLV 10	-0.26	0.34	8.17	0	0	0
58	SLV 11	-0.52	-0.95	9.24	0	0	0
58	SLV 12	-0.52	-0.93	9.23	0	0	0
58	SLV 13	-1.25	-0.11	8.61	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
58	SLV 14	-1.25	-0.08	8.61	0	0	0
58	SLV 15	-1.33	-0.49	8.93	0	0	0
58	SLV 16	-1.33	-0.47	8.93	0	0	0
59	SLU 1	0	-0.26	7.11	0	0	0
59	SLU 2	0	-0.26	7.12	0	0	0
59	SLU 3	0	-0.27	7.28	0	0	0
59	SLU 4	0	-0.26	7.29	0	0	0
59	SLU 5	0	-0.26	7.22	0	0	0
59	SLU 6	0	-0.27	7.39	0	0	0
59	SLU 7	0	-0.26	7.39	0	0	0
59	SLU 8	-0.01	-0.26	7.32	0	0	0
59	SLU 9	-0.01	-0.26	7.32	0	0	0
59	SLU 10	-0.01	-0.27	8.03	0	0	0
59	SLU 11	-0.02	-0.28	8.2	0	0	0
59	SLU 12	-0.02	-0.27	8.2	0	0	0
59	SLU 13	-0.02	-0.27	8.14	0	0	0
59	SLU 14	-0.02	-0.28	8.3	0	0	0
59	SLU 15	-0.02	-0.27	8.3	0	0	0
59	SLU 16	-0.02	-0.28	8.24	0	0	0
59	SLU 17	-0.02	-0.27	8.24	0	0	0
59	SLU 18	-0.02	-0.28	8.42	0	0	0
59	SLU 19	-0.02	-0.28	8.43	0	0	0
59	SLU 20	-0.03	-0.28	8.53	0	0	0
59	SLU 21	-0.03	-0.28	8.53	0	0	0
59	SLU 22	0	-0.26	7.93	0	0	0
59	SLU 23	0	-0.25	7.94	0	0	0
59	SLU 24	0	-0.26	8.1	0	0	0
59	SLU 25	0	-0.26	8.1	0	0	0
59	SLU 26	0	-0.25	8.04	0	0	0
59	SLU 27	-0.01	-0.26	8.2	0	0	0
59	SLU 28	-0.01	-0.26	8.21	0	0	0
59	SLU 29	-0.01	-0.26	8.14	0	0	0
59	SLU 30	-0.01	-0.26	8.14	0	0	0
59	SLU 31	-0.02	-0.27	8.85	0	0	0
59	SLU 32	-0.02	-0.27	9.02	0	0	0
59	SLU 33	-0.02	-0.27	9.02	0	0	0
59	SLU 34	-0.02	-0.27	8.95	0	0	0
59	SLU 35	-0.02	-0.27	9.12	0	0	0
59	SLU 36	-0.02	-0.27	9.12	0	0	0
59	SLU 37	-0.02	-0.27	9.05	0	0	0
59	SLU 38	-0.02	-0.27	9.06	0	0	0
59	SLU 39	-0.02	-0.28	9.24	0	0	0
59	SLU 40	-0.02	-0.27	9.24	0	0	0
59	SLU 41	-0.03	-0.28	9.34	0	0	0
59	SLU 42	-0.03	-0.27	9.35	0	0	0
59	SLU 43	0.01	-0.34	8.97	0	0	0
59	SLU 44	0.01	-0.34	8.97	0	0	0
59	SLU 45	0	-0.35	9.14	0	0	0
59	SLU 46	0	-0.34	9.14	0	0	0
59	SLU 47	0	-0.34	9.08	0	0	0
59	SLU 48	0	-0.35	9.24	0	0	0
59	SLU 49	0	-0.34	9.24	0	0	0
59	SLU 50	0	-0.34	9.17	0	0	0
59	SLU 51	0	-0.34	9.18	0	0	0
59	SLU 52	-0.01	-0.35	9.89	0	0	0
59	SLU 53	-0.02	-0.36	10.05	0	0	0
59	SLU 54	-0.02	-0.35	10.06	0	0	0
59	SLU 55	-0.02	-0.35	9.99	0	0	0
59	SLU 56	-0.02	-0.36	10.16	0	0	0
59	SLU 57	-0.02	-0.35	10.16	0	0	0
59	SLU 58	-0.02	-0.36	10.09	0	0	0
59	SLU 59	-0.02	-0.35	10.09	0	0	0
59	SLU 60	-0.02	-0.36	10.28	0	0	0
59	SLU 61	-0.02	-0.36	10.28	0	0	0
59	SLU 62	-0.03	-0.36	10.38	0	0	0
59	SLU 63	-0.03	-0.36	10.38	0	0	0
59	SLU 64	0	-0.34	9.79	0	0	0
59	SLU 65	0	-0.34	9.79	0	0	0
59	SLU 66	0	-0.34	9.95	0	0	0
59	SLU 67	0	-0.34	9.96	0	0	0
59	SLU 68	0	-0.34	9.89	0	0	0
59	SLU 69	0	-0.34	10.06	0	0	0
59	SLU 70	0	-0.34	10.06	0	0	0
59	SLU 71	0	-0.34	9.99	0	0	0
59	SLU 72	0	-0.34	9.99	0	0	0
59	SLU 73	-0.01	-0.35	10.71	0	0	0
59	SLU 74	-0.02	-0.35	10.87	0	0	0
59	SLU 75	-0.02	-0.35	10.87	0	0	0
59	SLU 76	-0.02	-0.35	10.81	0	0	0
59	SLU 77	-0.02	-0.35	10.97	0	0	0
59	SLU 78	-0.02	-0.35	10.98	0	0	0
59	SLU 79	-0.02	-0.35	10.91	0	0	0
59	SLU 80	-0.02	-0.35	10.91	0	0	0
59	SLU 81	-0.02	-0.36	11.09	0	0	0
59	SLU 82	-0.02	-0.35	11.1	0	0	0
59	SLU 83	-0.03	-0.36	11.2	0	0	0
59	SLU 84	-0.03	-0.35	11.2	0	0	0
59	SLE RA 1	0	-0.26	7.35	0	0	0
59	SLE RA 2	0	-0.26	7.35	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
59	SLE RA 3	0	-0.26	7.46	0	0	0
59	SLE RA 4	0	-0.26	7.46	0	0	0
59	SLE RA 5	0	-0.26	7.42	0	0	0
59	SLE RA 6	0	-0.26	7.53	0	0	0
59	SLE RA 7	0	-0.26	7.53	0	0	0
59	SLE RA 8	0	-0.26	7.48	0	0	0
59	SLE RA 9	0	-0.26	7.49	0	0	0
59	SLE RA 10	-0.01	-0.27	7.96	0	0	0
59	SLE RA 11	-0.01	-0.27	8.07	0	0	0
59	SLE RA 12	-0.01	-0.27	8.07	0	0	0
59	SLE RA 13	-0.01	-0.27	8.03	0	0	0
59	SLE RA 14	-0.01	-0.27	8.14	0	0	0
59	SLE RA 15	-0.01	-0.27	8.14	0	0	0
59	SLE RA 16	-0.01	-0.27	8.1	0	0	0
59	SLE RA 17	-0.01	-0.27	8.1	0	0	0
59	SLE RA 18	-0.01	-0.27	8.22	0	0	0
59	SLE RA 19	-0.01	-0.27	8.22	0	0	0
59	SLE RA 20	-0.02	-0.27	8.29	0	0	0
59	SLE RA 21	-0.02	-0.27	8.29	0	0	0
59	SLE FR 1	0	-0.26	7.35	0	0	0
59	SLE FR 2	0	-0.26	7.35	0	0	0
59	SLE FR 3	0	-0.26	7.38	0	0	0
59	SLE FR 4	0	-0.27	7.61	0	0	0
59	SLE FR 5	0	-0.27	7.64	0	0	0
59	SLE FR 6	-0.01	-0.27	7.78	0	0	0
59	SLE QP 1	0	-0.26	7.35	0	0	0
59	SLE QP 2	0	-0.27	7.61	0	0	0
59	SLD 1	0.5	-0.21	7.5	0	0	0
59	SLD 2	0.5	-0.2	7.5	0	0	0
59	SLD 3	0.47	-0.36	7.62	0	0	0
59	SLD 4	0.47	-0.34	7.61	0	0	0
59	SLD 5	0.19	-0.03	7.41	0	0	0
59	SLD 6	0.2	-0.02	7.4	0	0	0
59	SLD 7	0.09	-0.52	7.78	0	0	0
59	SLD 8	0.09	-0.51	7.78	0	0	0
59	SLD 9	-0.1	-0.02	7.44	0	0	0
59	SLD 10	-0.1	-0.01	7.43	0	0	0
59	SLD 11	-0.2	-0.51	7.82	0	0	0
59	SLD 12	-0.2	-0.5	7.81	0	0	0
59	SLD 13	-0.47	-0.19	7.61	0	0	0
59	SLD 14	-0.47	-0.18	7.6	0	0	0
59	SLD 15	-0.5	-0.34	7.72	0	0	0
59	SLD 16	-0.5	-0.32	7.72	0	0	0
59	SLV 1	1.17	-0.14	7.36	0	0	0
59	SLV 2	1.17	-0.11	7.36	0	0	0
59	SLV 3	1.1	-0.47	7.62	0	0	0
59	SLV 4	1.1	-0.44	7.61	0	0	0
59	SLV 5	0.45	0.27	7.15	0	0	0
59	SLV 6	0.46	0.29	7.14	0	0	0
59	SLV 7	0.22	-0.84	8	0	0	0
59	SLV 8	0.22	-0.82	8	0	0	0
59	SLV 9	-0.23	0.29	7.22	0	0	0
59	SLV 10	-0.23	0.3	7.22	0	0	0
59	SLV 11	-0.46	-0.82	8.08	0	0	0
59	SLV 12	-0.46	-0.81	8.07	0	0	0
59	SLV 13	-1.1	-0.09	7.6	0	0	0
59	SLV 14	-1.1	-0.06	7.6	0	0	0
59	SLV 15	-1.17	-0.42	7.86	0	0	0
59	SLV 16	-1.17	-0.4	7.86	0	0	0
60	SLU 1	0	-0.24	6.73	0	0	0
60	SLU 2	0	-0.24	6.73	0	0	0
60	SLU 3	0	-0.24	6.88	0	0	0
60	SLU 4	0	-0.24	6.89	0	0	0
60	SLU 5	0	-0.24	6.83	0	0	0
60	SLU 6	0	-0.24	6.98	0	0	0
60	SLU 7	0	-0.24	6.98	0	0	0
60	SLU 8	0	-0.24	6.92	0	0	0
60	SLU 9	0	-0.24	6.92	0	0	0
60	SLU 10	-0.01	-0.25	7.59	0	0	0
60	SLU 11	-0.02	-0.25	7.75	0	0	0
60	SLU 12	-0.02	-0.25	7.75	0	0	0
60	SLU 13	-0.02	-0.25	7.69	0	0	0
60	SLU 14	-0.02	-0.25	7.84	0	0	0
60	SLU 15	-0.02	-0.25	7.84	0	0	0
60	SLU 16	-0.02	-0.25	7.78	0	0	0
60	SLU 17	-0.02	-0.25	7.78	0	0	0
60	SLU 18	-0.02	-0.26	7.96	0	0	0
60	SLU 19	-0.02	-0.25	7.96	0	0	0
60	SLU 20	-0.03	-0.26	8.05	0	0	0
60	SLU 21	-0.03	-0.25	8.05	0	0	0
60	SLU 22	0	-0.24	7.5	0	0	0
60	SLU 23	0	-0.23	7.5	0	0	0
60	SLU 24	0	-0.24	7.66	0	0	0
60	SLU 25	0	-0.24	7.66	0	0	0
60	SLU 26	0	-0.23	7.6	0	0	0
60	SLU 27	0	-0.24	7.75	0	0	0
60	SLU 28	0	-0.24	7.76	0	0	0
60	SLU 29	-0.01	-0.24	7.69	0	0	0
60	SLU 30	-0.01	-0.23	7.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
60	SLU 31	-0.01	-0.24	8.36	0	0	0
60	SLU 32	-0.02	-0.25	8.52	0	0	0
60	SLU 33	-0.02	-0.25	8.52	0	0	0
60	SLU 34	-0.02	-0.24	8.46	0	0	0
60	SLU 35	-0.02	-0.25	8.61	0	0	0
60	SLU 36	-0.02	-0.25	8.62	0	0	0
60	SLU 37	-0.02	-0.25	8.55	0	0	0
60	SLU 38	-0.02	-0.25	8.55	0	0	0
60	SLU 39	-0.02	-0.25	8.73	0	0	0
60	SLU 40	-0.02	-0.25	8.73	0	0	0
60	SLU 41	-0.03	-0.25	8.82	0	0	0
60	SLU 42	-0.03	-0.25	8.83	0	0	0
60	SLU 43	0	-0.32	8.48	0	0	0
60	SLU 44	0	-0.31	8.48	0	0	0
60	SLU 45	0	-0.32	8.64	0	0	0
60	SLU 46	0	-0.31	8.64	0	0	0
60	SLU 47	0	-0.31	8.58	0	0	0
60	SLU 48	0	-0.32	8.73	0	0	0
60	SLU 49	0	-0.31	8.74	0	0	0
60	SLU 50	0	-0.32	8.67	0	0	0
60	SLU 51	0	-0.31	8.67	0	0	0
60	SLU 52	-0.01	-0.32	9.34	0	0	0
60	SLU 53	-0.02	-0.33	9.5	0	0	0
60	SLU 54	-0.02	-0.32	9.5	0	0	0
60	SLU 55	-0.02	-0.32	9.44	0	0	0
60	SLU 56	-0.02	-0.33	9.59	0	0	0
60	SLU 57	-0.02	-0.32	9.6	0	0	0
60	SLU 58	-0.02	-0.33	9.53	0	0	0
60	SLU 59	-0.02	-0.32	9.53	0	0	0
60	SLU 60	-0.02	-0.33	9.71	0	0	0
60	SLU 61	-0.02	-0.33	9.71	0	0	0
60	SLU 62	-0.02	-0.33	9.8	0	0	0
60	SLU 63	-0.02	-0.33	9.81	0	0	0
60	SLU 64	0	-0.31	9.25	0	0	0
60	SLU 65	0	-0.31	9.26	0	0	0
60	SLU 66	0	-0.31	9.41	0	0	0
60	SLU 67	0	-0.31	9.41	0	0	0
60	SLU 68	0	-0.31	9.35	0	0	0
60	SLU 69	0	-0.31	9.51	0	0	0
60	SLU 70	0	-0.31	9.51	0	0	0
60	SLU 71	0	-0.31	9.44	0	0	0
60	SLU 72	0	-0.31	9.44	0	0	0
60	SLU 73	-0.01	-0.32	10.12	0	0	0
60	SLU 74	-0.02	-0.32	10.27	0	0	0
60	SLU 75	-0.02	-0.32	10.27	0	0	0
60	SLU 76	-0.02	-0.32	10.21	0	0	0
60	SLU 77	-0.02	-0.32	10.37	0	0	0
60	SLU 78	-0.02	-0.32	10.37	0	0	0
60	SLU 79	-0.02	-0.32	10.3	0	0	0
60	SLU 80	-0.02	-0.32	10.31	0	0	0
60	SLU 81	-0.02	-0.33	10.48	0	0	0
60	SLU 82	-0.02	-0.32	10.48	0	0	0
60	SLU 83	-0.03	-0.33	10.58	0	0	0
60	SLU 84	-0.03	-0.32	10.58	0	0	0
60	SLE RA 1	0	-0.24	6.95	0	0	0
60	SLE RA 2	0	-0.24	6.95	0	0	0
60	SLE RA 3	0	-0.24	7.05	0	0	0
60	SLE RA 4	0	-0.24	7.05	0	0	0
60	SLE RA 5	0	-0.24	7.01	0	0	0
60	SLE RA 6	0	-0.24	7.12	0	0	0
60	SLE RA 7	0	-0.24	7.12	0	0	0
60	SLE RA 8	0	-0.24	7.07	0	0	0
60	SLE RA 9	0	-0.24	7.08	0	0	0
60	SLE RA 10	-0.01	-0.24	7.52	0	0	0
60	SLE RA 11	-0.01	-0.25	7.63	0	0	0
60	SLE RA 12	-0.01	-0.25	7.63	0	0	0
60	SLE RA 13	-0.01	-0.24	7.59	0	0	0
60	SLE RA 14	-0.01	-0.25	7.69	0	0	0
60	SLE RA 15	-0.01	-0.25	7.69	0	0	0
60	SLE RA 16	-0.01	-0.25	7.65	0	0	0
60	SLE RA 17	-0.01	-0.25	7.65	0	0	0
60	SLE RA 18	-0.01	-0.25	7.77	0	0	0
60	SLE RA 19	-0.01	-0.25	7.77	0	0	0
60	SLE RA 20	-0.02	-0.25	7.83	0	0	0
60	SLE RA 21	-0.02	-0.25	7.83	0	0	0
60	SLE FR 1	0	-0.24	6.95	0	0	0
60	SLE FR 2	0	-0.24	6.95	0	0	0
60	SLE FR 3	0	-0.24	6.97	0	0	0
60	SLE FR 4	0	-0.24	7.19	0	0	0
60	SLE FR 5	0	-0.24	7.22	0	0	0
60	SLE FR 6	0	-0.25	7.36	0	0	0
60	SLE QP 1	0	-0.24	6.95	0	0	0
60	SLE QP 2	0	-0.24	7.19	0	0	0
60	SLD 1	0.47	-0.19	7.07	0	0	0
60	SLD 2	0.47	-0.18	7.07	0	0	0
60	SLD 3	0.44	-0.33	7.17	0	0	0
60	SLD 4	0.45	-0.31	7.17	0	0	0
60	SLD 5	0.18	-0.02	7.01	0	0	0
60	SLD 6	0.19	-0.01	7.01	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
60	SLD 7	0.09	-0.48	7.33	0	0	0
60	SLD 8	0.09	-0.47	7.33	0	0	0
60	SLD 9	-0.09	-0.02	7.05	0	0	0
60	SLD 10	-0.09	-0.01	7.05	0	0	0
60	SLD 11	-0.19	-0.48	7.38	0	0	0
60	SLD 12	-0.19	-0.47	7.38	0	0	0
60	SLD 13	-0.45	-0.17	7.22	0	0	0
60	SLD 14	-0.45	-0.16	7.21	0	0	0
60	SLD 15	-0.48	-0.31	7.32	0	0	0
60	SLD 16	-0.48	-0.3	7.31	0	0	0
60	SLV 1	1.11	-0.13	6.92	0	0	0
60	SLV 2	1.11	-0.09	6.91	0	0	0
60	SLV 3	1.04	-0.44	7.14	0	0	0
60	SLV 4	1.04	-0.41	7.13	0	0	0
60	SLV 5	0.43	0.26	6.78	0	0	0
60	SLV 6	0.43	0.28	6.77	0	0	0
60	SLV 7	0.21	-0.78	7.51	0	0	0
60	SLV 8	0.21	-0.76	7.51	0	0	0
60	SLV 9	-0.22	0.27	6.88	0	0	0
60	SLV 10	-0.21	0.3	6.87	0	0	0
60	SLV 11	-0.44	-0.77	7.61	0	0	0
60	SLV 12	-0.43	-0.75	7.61	0	0	0
60	SLV 13	-1.05	-0.08	7.25	0	0	0
60	SLV 14	-1.04	-0.05	7.25	0	0	0
60	SLV 15	-1.11	-0.4	7.48	0	0	0
60	SLV 16	-1.11	-0.36	7.47	0	0	0
61	SLU 1	0	-0.22	6.34	0	0	0
61	SLU 2	0	-0.22	6.34	0	0	0
61	SLU 3	0	-0.22	6.49	0	0	0
61	SLU 4	0	-0.22	6.49	0	0	0
61	SLU 5	0	-0.22	6.43	0	0	0
61	SLU 6	0	-0.22	6.58	0	0	0
61	SLU 7	0	-0.22	6.58	0	0	0
61	SLU 8	0	-0.22	6.52	0	0	0
61	SLU 9	0	-0.22	6.52	0	0	0
61	SLU 10	-0.01	-0.23	7.15	0	0	0
61	SLU 11	-0.02	-0.23	7.29	0	0	0
61	SLU 12	-0.02	-0.23	7.3	0	0	0
61	SLU 13	-0.02	-0.22	7.24	0	0	0
61	SLU 14	-0.02	-0.23	7.38	0	0	0
61	SLU 15	-0.02	-0.23	7.38	0	0	0
61	SLU 16	-0.02	-0.23	7.32	0	0	0
61	SLU 17	-0.02	-0.23	7.32	0	0	0
61	SLU 18	-0.02	-0.23	7.49	0	0	0
61	SLU 19	-0.02	-0.23	7.49	0	0	0
61	SLU 20	-0.02	-0.23	7.58	0	0	0
61	SLU 21	-0.02	-0.23	7.58	0	0	0
61	SLU 22	0	-0.22	7.07	0	0	0
61	SLU 23	0	-0.21	7.07	0	0	0
61	SLU 24	0	-0.22	7.22	0	0	0
61	SLU 25	0	-0.21	7.22	0	0	0
61	SLU 26	0	-0.21	7.16	0	0	0
61	SLU 27	0	-0.22	7.3	0	0	0
61	SLU 28	0	-0.21	7.31	0	0	0
61	SLU 29	0	-0.22	7.24	0	0	0
61	SLU 30	0	-0.21	7.25	0	0	0
61	SLU 31	-0.01	-0.22	7.88	0	0	0
61	SLU 32	-0.02	-0.23	8.02	0	0	0
61	SLU 33	-0.02	-0.22	8.02	0	0	0
61	SLU 34	-0.02	-0.22	7.97	0	0	0
61	SLU 35	-0.02	-0.23	8.11	0	0	0
61	SLU 36	-0.02	-0.22	8.11	0	0	0
61	SLU 37	-0.02	-0.23	8.05	0	0	0
61	SLU 38	-0.02	-0.22	8.05	0	0	0
61	SLU 39	-0.02	-0.23	8.22	0	0	0
61	SLU 40	-0.02	-0.23	8.22	0	0	0
61	SLU 41	-0.02	-0.23	8.31	0	0	0
61	SLU 42	-0.02	-0.23	8.31	0	0	0
61	SLU 43	0.01	-0.29	7.99	0	0	0
61	SLU 44	0.01	-0.28	8	0	0	0
61	SLU 45	0	-0.29	8.14	0	0	0
61	SLU 46	0	-0.29	8.14	0	0	0
61	SLU 47	0	-0.28	8.08	0	0	0
61	SLU 48	0	-0.29	8.23	0	0	0
61	SLU 49	0	-0.29	8.23	0	0	0
61	SLU 50	0	-0.29	8.17	0	0	0
61	SLU 51	0	-0.29	8.17	0	0	0
61	SLU 52	-0.01	-0.29	8.8	0	0	0
61	SLU 53	-0.01	-0.3	8.94	0	0	0
61	SLU 54	-0.01	-0.3	8.95	0	0	0
61	SLU 55	-0.02	-0.29	8.89	0	0	0
61	SLU 56	-0.02	-0.3	9.03	0	0	0
61	SLU 57	-0.02	-0.3	9.04	0	0	0
61	SLU 58	-0.02	-0.3	8.97	0	0	0
61	SLU 59	-0.02	-0.29	8.98	0	0	0
61	SLU 60	-0.02	-0.3	9.14	0	0	0
61	SLU 61	-0.02	-0.3	9.14	0	0	0
61	SLU 62	-0.02	-0.3	9.23	0	0	0
61	SLU 63	-0.02	-0.3	9.23	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
61	SLU 64	0	-0.28	8.72	0	0	0
61	SLU 65	0	-0.28	8.72	0	0	0
61	SLU 66	0	-0.29	8.87	0	0	0
61	SLU 67	0	-0.28	8.87	0	0	0
61	SLU 68	0	-0.28	8.81	0	0	0
61	SLU 69	0	-0.29	8.96	0	0	0
61	SLU 70	0	-0.28	8.96	0	0	0
61	SLU 71	0	-0.28	8.9	0	0	0
61	SLU 72	0	-0.28	8.9	0	0	0
61	SLU 73	-0.01	-0.29	9.53	0	0	0
61	SLU 74	-0.02	-0.29	9.67	0	0	0
61	SLU 75	-0.02	-0.29	9.68	0	0	0
61	SLU 76	-0.02	-0.29	9.62	0	0	0
61	SLU 77	-0.02	-0.29	9.76	0	0	0
61	SLU 78	-0.02	-0.29	9.76	0	0	0
61	SLU 79	-0.02	-0.29	9.7	0	0	0
61	SLU 80	-0.02	-0.29	9.7	0	0	0
61	SLU 81	-0.02	-0.3	9.87	0	0	0
61	SLU 82	-0.02	-0.29	9.87	0	0	0
61	SLU 83	-0.02	-0.3	9.96	0	0	0
61	SLU 84	-0.02	-0.29	9.96	0	0	0
61	SLE RA 1	0	-0.22	6.55	0	0	0
61	SLE RA 2	0	-0.22	6.55	0	0	0
61	SLE RA 3	0	-0.22	6.65	0	0	0
61	SLE RA 4	0	-0.22	6.65	0	0	0
61	SLE RA 5	0	-0.22	6.61	0	0	0
61	SLE RA 6	0	-0.22	6.71	0	0	0
61	SLE RA 7	0	-0.22	6.71	0	0	0
61	SLE RA 8	0	-0.22	6.67	0	0	0
61	SLE RA 9	0	-0.22	6.67	0	0	0
61	SLE RA 10	-0.01	-0.22	7.09	0	0	0
61	SLE RA 11	-0.01	-0.23	7.18	0	0	0
61	SLE RA 12	-0.01	-0.22	7.18	0	0	0
61	SLE RA 13	-0.01	-0.22	7.15	0	0	0
61	SLE RA 14	-0.01	-0.23	7.24	0	0	0
61	SLE RA 15	-0.01	-0.22	7.24	0	0	0
61	SLE RA 16	-0.01	-0.23	7.2	0	0	0
61	SLE RA 17	-0.01	-0.22	7.2	0	0	0
61	SLE RA 18	-0.01	-0.23	7.31	0	0	0
61	SLE RA 19	-0.01	-0.23	7.32	0	0	0
61	SLE RA 20	-0.01	-0.23	7.37	0	0	0
61	SLE RA 21	-0.01	-0.23	7.38	0	0	0
61	SLE FR 1	0	-0.22	6.55	0	0	0
61	SLE FR 2	0	-0.22	6.55	0	0	0
61	SLE FR 3	0	-0.22	6.57	0	0	0
61	SLE FR 4	0	-0.22	6.78	0	0	0
61	SLE FR 5	0	-0.22	6.8	0	0	0
61	SLE FR 6	0	-0.22	6.93	0	0	0
61	SLE QP 1	0	-0.22	6.55	0	0	0
61	SLE QP 2	0	-0.22	6.78	0	0	0
61	SLD 1	0.45	-0.17	6.64	0	0	0
61	SLD 2	0.45	-0.16	6.64	0	0	0
61	SLD 3	0.42	-0.3	6.73	0	0	0
61	SLD 4	0.42	-0.29	6.73	0	0	0
61	SLD 5	0.17	-0.01	6.61	0	0	0
61	SLD 6	0.18	0	6.61	0	0	0
61	SLD 7	0.08	-0.45	6.89	0	0	0
61	SLD 8	0.08	-0.44	6.89	0	0	0
61	SLD 9	-0.09	-0.01	6.67	0	0	0
61	SLD 10	-0.09	0	6.67	0	0	0
61	SLD 11	-0.18	-0.44	6.95	0	0	0
61	SLD 12	-0.18	-0.43	6.94	0	0	0
61	SLD 13	-0.42	-0.16	6.83	0	0	0
61	SLD 14	-0.42	-0.14	6.83	0	0	0
61	SLD 15	-0.45	-0.29	6.91	0	0	0
61	SLD 16	-0.45	-0.27	6.91	0	0	0
61	SLV 1	1.05	-0.12	6.47	0	0	0
61	SLV 2	1.05	-0.08	6.46	0	0	0
61	SLV 3	0.99	-0.41	6.66	0	0	0
61	SLV 4	0.99	-0.37	6.65	0	0	0
61	SLV 5	0.41	0.25	6.4	0	0	0
61	SLV 6	0.41	0.27	6.39	0	0	0
61	SLV 7	0.2	-0.73	7.03	0	0	0
61	SLV 8	0.2	-0.7	7.03	0	0	0
61	SLV 9	-0.2	0.26	6.53	0	0	0
61	SLV 10	-0.2	0.28	6.52	0	0	0
61	SLV 11	-0.41	-0.72	7.16	0	0	0
61	SLV 12	-0.41	-0.69	7.16	0	0	0
61	SLV 13	-0.99	-0.07	6.9	0	0	0
61	SLV 14	-0.99	-0.04	6.9	0	0	0
61	SLV 15	-1.05	-0.37	7.09	0	0	0
61	SLV 16	-1.05	-0.33	7.09	0	0	0
62	SLU 1	0	-0.21	6.16	0	0	0
62	SLU 2	0	-0.2	6.17	0	0	0
62	SLU 3	0	-0.21	6.3	0	0	0
62	SLU 4	0	-0.21	6.31	0	0	0
62	SLU 5	0	-0.2	6.25	0	0	0
62	SLU 6	0	-0.21	6.39	0	0	0
62	SLU 7	0	-0.21	6.39	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
62	SLU 8	0	-0.21	6.33	0	0	0
62	SLU 9	0	-0.2	6.33	0	0	0
62	SLU 10	-0.01	-0.21	6.94	0	0	0
62	SLU 11	-0.02	-0.22	7.08	0	0	0
62	SLU 12	-0.02	-0.21	7.08	0	0	0
62	SLU 13	-0.02	-0.21	7.03	0	0	0
62	SLU 14	-0.02	-0.22	7.17	0	0	0
62	SLU 15	-0.02	-0.21	7.17	0	0	0
62	SLU 16	-0.02	-0.22	7.11	0	0	0
62	SLU 17	-0.02	-0.21	7.11	0	0	0
62	SLU 18	-0.02	-0.22	7.27	0	0	0
62	SLU 19	-0.02	-0.22	7.27	0	0	0
62	SLU 20	-0.02	-0.22	7.36	0	0	0
62	SLU 21	-0.02	-0.22	7.36	0	0	0
62	SLU 22	0	-0.2	6.87	0	0	0
62	SLU 23	0	-0.2	6.87	0	0	0
62	SLU 24	0	-0.2	7.01	0	0	0
62	SLU 25	0	-0.2	7.02	0	0	0
62	SLU 26	0	-0.2	6.96	0	0	0
62	SLU 27	0	-0.2	7.1	0	0	0
62	SLU 28	0	-0.2	7.1	0	0	0
62	SLU 29	0	-0.2	7.04	0	0	0
62	SLU 30	0	-0.2	7.04	0	0	0
62	SLU 31	-0.01	-0.21	7.65	0	0	0
62	SLU 32	-0.02	-0.21	7.79	0	0	0
62	SLU 33	-0.02	-0.21	7.79	0	0	0
62	SLU 34	-0.02	-0.21	7.74	0	0	0
62	SLU 35	-0.02	-0.21	7.87	0	0	0
62	SLU 36	-0.02	-0.21	7.88	0	0	0
62	SLU 37	-0.02	-0.21	7.82	0	0	0
62	SLU 38	-0.02	-0.21	7.82	0	0	0
62	SLU 39	-0.02	-0.21	7.98	0	0	0
62	SLU 40	-0.02	-0.21	7.98	0	0	0
62	SLU 41	-0.02	-0.21	8.06	0	0	0
62	SLU 42	-0.02	-0.21	8.07	0	0	0
62	SLU 43	0.01	-0.27	7.77	0	0	0
62	SLU 44	0.01	-0.27	7.77	0	0	0
62	SLU 45	0	-0.27	7.91	0	0	0
62	SLU 46	0	-0.27	7.91	0	0	0
62	SLU 47	0	-0.27	7.86	0	0	0
62	SLU 48	0	-0.27	7.99	0	0	0
62	SLU 49	0	-0.27	8	0	0	0
62	SLU 50	0	-0.27	7.94	0	0	0
62	SLU 51	0	-0.27	7.94	0	0	0
62	SLU 52	-0.01	-0.28	8.55	0	0	0
62	SLU 53	-0.01	-0.28	8.69	0	0	0
62	SLU 54	-0.01	-0.28	8.69	0	0	0
62	SLU 55	-0.01	-0.27	8.63	0	0	0
62	SLU 56	-0.02	-0.28	8.77	0	0	0
62	SLU 57	-0.02	-0.28	8.77	0	0	0
62	SLU 58	-0.02	-0.28	8.71	0	0	0
62	SLU 59	-0.02	-0.28	8.72	0	0	0
62	SLU 60	-0.02	-0.28	8.88	0	0	0
62	SLU 61	-0.02	-0.28	8.88	0	0	0
62	SLU 62	-0.02	-0.28	8.96	0	0	0
62	SLU 63	-0.02	-0.28	8.96	0	0	0
62	SLU 64	0	-0.27	8.48	0	0	0
62	SLU 65	0	-0.26	8.48	0	0	0
62	SLU 66	0	-0.27	8.62	0	0	0
62	SLU 67	0	-0.27	8.62	0	0	0
62	SLU 68	0	-0.26	8.56	0	0	0
62	SLU 69	0	-0.27	8.7	0	0	0
62	SLU 70	0	-0.26	8.71	0	0	0
62	SLU 71	0	-0.27	8.64	0	0	0
62	SLU 72	0	-0.26	8.65	0	0	0
62	SLU 73	-0.01	-0.27	9.26	0	0	0
62	SLU 74	-0.01	-0.28	9.4	0	0	0
62	SLU 75	-0.01	-0.27	9.4	0	0	0
62	SLU 76	-0.02	-0.27	9.34	0	0	0
62	SLU 77	-0.02	-0.28	9.48	0	0	0
62	SLU 78	-0.02	-0.27	9.48	0	0	0
62	SLU 79	-0.02	-0.27	9.42	0	0	0
62	SLU 80	-0.02	-0.27	9.42	0	0	0
62	SLU 81	-0.02	-0.28	9.59	0	0	0
62	SLU 82	-0.02	-0.28	9.59	0	0	0
62	SLU 83	-0.02	-0.28	9.67	0	0	0
62	SLU 84	-0.02	-0.28	9.67	0	0	0
62	SLE RA 1	0	-0.21	6.36	0	0	0
62	SLE RA 2	0	-0.2	6.37	0	0	0
62	SLE RA 3	0	-0.21	6.46	0	0	0
62	SLE RA 4	0	-0.21	6.46	0	0	0
62	SLE RA 5	0	-0.2	6.42	0	0	0
62	SLE RA 6	0	-0.21	6.52	0	0	0
62	SLE RA 7	0	-0.21	6.52	0	0	0
62	SLE RA 8	0	-0.21	6.48	0	0	0
62	SLE RA 9	0	-0.2	6.48	0	0	0
62	SLE RA 10	-0.01	-0.21	6.89	0	0	0
62	SLE RA 11	-0.01	-0.21	6.98	0	0	0
62	SLE RA 12	-0.01	-0.21	6.98	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
62	SLE RA 13	-0.01	-0.21	6.94	0	0	0
62	SLE RA 14	-0.01	-0.21	7.03	0	0	0
62	SLE RA 15	-0.01	-0.21	7.04	0	0	0
62	SLE RA 16	-0.01	-0.21	6.99	0	0	0
62	SLE RA 17	-0.01	-0.21	7	0	0	0
62	SLE RA 18	-0.01	-0.21	7.1	0	0	0
62	SLE RA 19	-0.01	-0.21	7.11	0	0	0
62	SLE RA 20	-0.01	-0.21	7.16	0	0	0
62	SLE RA 21	-0.01	-0.21	7.16	0	0	0
62	SLE FR 1	0	-0.21	6.36	0	0	0
62	SLE FR 2	0	-0.21	6.36	0	0	0
62	SLE FR 3	0	-0.21	6.39	0	0	0
62	SLE FR 4	0	-0.21	6.59	0	0	0
62	SLE FR 5	0	-0.21	6.61	0	0	0
62	SLE FR 6	0	-0.21	6.73	0	0	0
62	SLE QP 1	0	-0.21	6.36	0	0	0
62	SLE QP 2	0	-0.21	6.59	0	0	0
62	SLD 1	0.44	-0.16	6.44	0	0	0
62	SLD 2	0.44	-0.15	6.43	0	0	0
62	SLD 3	0.41	-0.29	6.51	0	0	0
62	SLD 4	0.41	-0.27	6.51	0	0	0
62	SLD 5	0.17	-0.01	6.43	0	0	0
62	SLD 6	0.17	0	6.43	0	0	0
62	SLD 7	0.08	-0.43	6.68	0	0	0
62	SLD 8	0.08	-0.41	6.67	0	0	0
62	SLD 9	-0.08	0	6.5	0	0	0
62	SLD 10	-0.08	0.01	6.5	0	0	0
62	SLD 11	-0.17	-0.42	6.75	0	0	0
62	SLD 12	-0.17	-0.41	6.74	0	0	0
62	SLD 13	-0.41	-0.15	6.67	0	0	0
62	SLD 14	-0.41	-0.13	6.66	0	0	0
62	SLD 15	-0.44	-0.27	6.74	0	0	0
62	SLD 16	-0.44	-0.25	6.74	0	0	0
62	SLV 1	1.02	-0.11	6.24	0	0	0
62	SLV 2	1.02	-0.07	6.23	0	0	0
62	SLV 3	0.96	-0.39	6.4	0	0	0
62	SLV 4	0.96	-0.35	6.4	0	0	0
62	SLV 5	0.4	0.24	6.23	0	0	0
62	SLV 6	0.4	0.27	6.22	0	0	0
62	SLV 7	0.2	-0.7	6.79	0	0	0
62	SLV 8	0.2	-0.67	6.78	0	0	0
62	SLV 9	-0.2	0.26	6.39	0	0	0
62	SLV 10	-0.2	0.28	6.38	0	0	0
62	SLV 11	-0.4	-0.69	6.95	0	0	0
62	SLV 12	-0.4	-0.66	6.94	0	0	0
62	SLV 13	-0.97	-0.07	6.78	0	0	0
62	SLV 14	-0.96	-0.02	6.77	0	0	0
62	SLV 15	-1.03	-0.35	6.94	0	0	0
62	SLV 16	-1.02	-0.31	6.94	0	0	0
63	SLU 1	0	-0.23	6.9	0	0	0
63	SLU 2	0	-0.22	6.91	0	0	0
63	SLU 3	0	-0.23	7.06	0	0	0
63	SLU 4	0	-0.22	7.06	0	0	0
63	SLU 5	0	-0.22	7	0	0	0
63	SLU 6	0	-0.23	7.15	0	0	0
63	SLU 7	0	-0.22	7.16	0	0	0
63	SLU 8	0	-0.23	7.09	0	0	0
63	SLU 9	0	-0.22	7.09	0	0	0
63	SLU 10	-0.01	-0.23	7.77	0	0	0
63	SLU 11	-0.02	-0.23	7.92	0	0	0
63	SLU 12	-0.02	-0.23	7.93	0	0	0
63	SLU 13	-0.02	-0.23	7.86	0	0	0
63	SLU 14	-0.02	-0.23	8.02	0	0	0
63	SLU 15	-0.02	-0.23	8.02	0	0	0
63	SLU 16	-0.02	-0.23	7.95	0	0	0
63	SLU 17	-0.02	-0.23	7.95	0	0	0
63	SLU 18	-0.02	-0.24	8.14	0	0	0
63	SLU 19	-0.02	-0.23	8.14	0	0	0
63	SLU 20	-0.03	-0.24	8.23	0	0	0
63	SLU 21	-0.03	-0.23	8.23	0	0	0
63	SLU 22	0	-0.22	7.7	0	0	0
63	SLU 23	0	-0.21	7.7	0	0	0
63	SLU 24	0	-0.22	7.85	0	0	0
63	SLU 25	0	-0.22	7.86	0	0	0
63	SLU 26	0	-0.21	7.79	0	0	0
63	SLU 27	0	-0.22	7.95	0	0	0
63	SLU 28	0	-0.22	7.95	0	0	0
63	SLU 29	0	-0.22	7.88	0	0	0
63	SLU 30	0	-0.22	7.88	0	0	0
63	SLU 31	-0.01	-0.22	8.56	0	0	0
63	SLU 32	-0.02	-0.23	8.72	0	0	0
63	SLU 33	-0.02	-0.22	8.72	0	0	0
63	SLU 34	-0.02	-0.22	8.66	0	0	0
63	SLU 35	-0.02	-0.23	8.81	0	0	0
63	SLU 36	-0.02	-0.22	8.81	0	0	0
63	SLU 37	-0.02	-0.23	8.74	0	0	0
63	SLU 38	-0.02	-0.22	8.75	0	0	0
63	SLU 39	-0.02	-0.23	8.93	0	0	0
63	SLU 40	-0.02	-0.23	8.93	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
63	SLU 41	-0.03	-0.23	9.02	0	0	0
63	SLU 42	-0.03	-0.23	9.03	0	0	0
63	SLU 43	0.01	-0.3	8.7	0	0	0
63	SLU 44	0.01	-0.29	8.71	0	0	0
63	SLU 45	0	-0.3	8.86	0	0	0
63	SLU 46	0	-0.29	8.86	0	0	0
63	SLU 47	0	-0.29	8.8	0	0	0
63	SLU 48	0	-0.3	8.95	0	0	0
63	SLU 49	0	-0.29	8.95	0	0	0
63	SLU 50	0	-0.29	8.89	0	0	0
63	SLU 51	0	-0.29	8.89	0	0	0
63	SLU 52	-0.01	-0.3	9.57	0	0	0
63	SLU 53	-0.02	-0.3	9.72	0	0	0
63	SLU 54	-0.02	-0.3	9.73	0	0	0
63	SLU 55	-0.02	-0.3	9.66	0	0	0
63	SLU 56	-0.02	-0.3	9.82	0	0	0
63	SLU 57	-0.02	-0.3	9.82	0	0	0
63	SLU 58	-0.02	-0.3	9.75	0	0	0
63	SLU 59	-0.02	-0.3	9.75	0	0	0
63	SLU 60	-0.02	-0.31	9.94	0	0	0
63	SLU 61	-0.02	-0.3	9.94	0	0	0
63	SLU 62	-0.02	-0.31	10.03	0	0	0
63	SLU 63	-0.02	-0.3	10.03	0	0	0
63	SLU 64	0.01	-0.29	9.49	0	0	0
63	SLU 65	0.01	-0.28	9.5	0	0	0
63	SLU 66	0	-0.29	9.65	0	0	0
63	SLU 67	0	-0.29	9.66	0	0	0
63	SLU 68	0	-0.28	9.59	0	0	0
63	SLU 69	0	-0.29	9.74	0	0	0
63	SLU 70	0	-0.29	9.75	0	0	0
63	SLU 71	0	-0.29	9.68	0	0	0
63	SLU 72	0	-0.29	9.68	0	0	0
63	SLU 73	-0.01	-0.29	10.36	0	0	0
63	SLU 74	-0.02	-0.3	10.52	0	0	0
63	SLU 75	-0.02	-0.29	10.52	0	0	0
63	SLU 76	-0.02	-0.29	10.46	0	0	0
63	SLU 77	-0.02	-0.3	10.61	0	0	0
63	SLU 78	-0.02	-0.29	10.61	0	0	0
63	SLU 79	-0.02	-0.3	10.54	0	0	0
63	SLU 80	-0.02	-0.29	10.55	0	0	0
63	SLU 81	-0.02	-0.3	10.73	0	0	0
63	SLU 82	-0.02	-0.3	10.73	0	0	0
63	SLU 83	-0.02	-0.3	10.82	0	0	0
63	SLU 84	-0.02	-0.3	10.82	0	0	0
63	SLE RA 1	0	-0.22	7.13	0	0	0
63	SLE RA 2	0	-0.22	7.13	0	0	0
63	SLE RA 3	0	-0.22	7.23	0	0	0
63	SLE RA 4	0	-0.22	7.24	0	0	0
63	SLE RA 5	0	-0.22	7.19	0	0	0
63	SLE RA 6	0	-0.22	7.3	0	0	0
63	SLE RA 7	0	-0.22	7.3	0	0	0
63	SLE RA 8	0	-0.22	7.25	0	0	0
63	SLE RA 9	0	-0.22	7.25	0	0	0
63	SLE RA 10	-0.01	-0.23	7.71	0	0	0
63	SLE RA 11	-0.01	-0.23	7.81	0	0	0
63	SLE RA 12	-0.01	-0.23	7.81	0	0	0
63	SLE RA 13	-0.01	-0.23	7.77	0	0	0
63	SLE RA 14	-0.01	-0.23	7.87	0	0	0
63	SLE RA 15	-0.01	-0.23	7.87	0	0	0
63	SLE RA 16	-0.01	-0.23	7.83	0	0	0
63	SLE RA 17	-0.01	-0.23	7.83	0	0	0
63	SLE RA 18	-0.01	-0.23	7.95	0	0	0
63	SLE RA 19	-0.01	-0.23	7.95	0	0	0
63	SLE RA 20	-0.02	-0.23	8.01	0	0	0
63	SLE RA 21	-0.02	-0.23	8.02	0	0	0
63	SLE FR 1	0	-0.22	7.13	0	0	0
63	SLE FR 2	0	-0.22	7.13	0	0	0
63	SLE FR 3	0	-0.22	7.15	0	0	0
63	SLE FR 4	0	-0.23	7.38	0	0	0
63	SLE FR 5	0	-0.23	7.4	0	0	0
63	SLE FR 6	0	-0.23	7.54	0	0	0
63	SLE QP 1	0	-0.22	7.13	0	0	0
63	SLE QP 2	0	-0.23	7.38	0	0	0
63	SLD 1	0.49	-0.16	7.18	0	0	0
63	SLD 2	0.49	-0.13	7.18	0	0	0
63	SLD 3	0.46	-0.3	7.26	0	0	0
63	SLD 4	0.46	-0.27	7.25	0	0	0
63	SLD 5	0.19	0	7.2	0	0	0
63	SLD 6	0.19	0.02	7.2	0	0	0
63	SLD 7	0.09	-0.46	7.46	0	0	0
63	SLD 8	0.09	-0.45	7.45	0	0	0
63	SLD 9	-0.09	-0.01	7.3	0	0	0
63	SLD 10	-0.09	0.01	7.3	0	0	0
63	SLD 11	-0.19	-0.47	7.55	0	0	0
63	SLD 12	-0.19	-0.45	7.55	0	0	0
63	SLD 13	-0.46	-0.18	7.5	0	0	0
63	SLD 14	-0.46	-0.16	7.49	0	0	0
63	SLD 15	-0.49	-0.32	7.58	0	0	0
63	SLD 16	-0.49	-0.29	7.57	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
63	SLV 1	1.15	-0.07	6.92	0	0	0
63	SLV 2	1.15	-0.01	6.91	0	0	0
63	SLV 3	1.08	-0.39	7.1	0	0	0
63	SLV 4	1.08	-0.33	7.08	0	0	0
63	SLV 5	0.45	0.29	6.98	0	0	0
63	SLV 6	0.45	0.32	6.97	0	0	0
63	SLV 7	0.22	-0.76	7.56	0	0	0
63	SLV 8	0.22	-0.73	7.55	0	0	0
63	SLV 9	-0.22	0.27	7.2	0	0	0
63	SLV 10	-0.22	0.31	7.2	0	0	0
63	SLV 11	-0.45	-0.78	7.78	0	0	0
63	SLV 12	-0.45	-0.74	7.77	0	0	0
63	SLV 13	-1.08	-0.12	7.67	0	0	0
63	SLV 14	-1.08	-0.07	7.66	0	0	0
63	SLV 15	-1.15	-0.44	7.84	0	0	0
63	SLV 16	-1.15	-0.38	7.83	0	0	0
64	SLU 1	0	-0.12	3.83	0	0	0
64	SLU 2	0	-0.12	3.83	0	0	0
64	SLU 3	0	-0.12	3.92	0	0	0
64	SLU 4	0	-0.12	3.92	0	0	0
64	SLU 5	0	-0.12	3.88	0	0	0
64	SLU 6	0	-0.12	3.97	0	0	0
64	SLU 7	0	-0.12	3.97	0	0	0
64	SLU 8	0	-0.12	3.93	0	0	0
64	SLU 9	0	-0.12	3.93	0	0	0
64	SLU 10	-0.01	-0.12	4.31	0	0	0
64	SLU 11	-0.01	-0.12	4.39	0	0	0
64	SLU 12	-0.01	-0.12	4.4	0	0	0
64	SLU 13	-0.01	-0.12	4.36	0	0	0
64	SLU 14	-0.01	-0.12	4.44	0	0	0
64	SLU 15	-0.01	-0.12	4.45	0	0	0
64	SLU 16	-0.01	-0.12	4.41	0	0	0
64	SLU 17	-0.01	-0.12	4.41	0	0	0
64	SLU 18	-0.01	-0.13	4.51	0	0	0
64	SLU 19	-0.01	-0.12	4.51	0	0	0
64	SLU 20	-0.01	-0.13	4.56	0	0	0
64	SLU 21	-0.01	-0.12	4.56	0	0	0
64	SLU 22	0	-0.12	4.27	0	0	0
64	SLU 23	0	-0.11	4.28	0	0	0
64	SLU 24	0	-0.12	4.36	0	0	0
64	SLU 25	0	-0.11	4.36	0	0	0
64	SLU 26	0	-0.11	4.33	0	0	0
64	SLU 27	0	-0.12	4.41	0	0	0
64	SLU 28	0	-0.11	4.41	0	0	0
64	SLU 29	0	-0.12	4.37	0	0	0
64	SLU 30	0	-0.11	4.37	0	0	0
64	SLU 31	-0.01	-0.12	4.75	0	0	0
64	SLU 32	-0.01	-0.12	4.83	0	0	0
64	SLU 33	-0.01	-0.12	4.84	0	0	0
64	SLU 34	-0.01	-0.12	4.8	0	0	0
64	SLU 35	-0.01	-0.12	4.88	0	0	0
64	SLU 36	-0.01	-0.12	4.89	0	0	0
64	SLU 37	-0.01	-0.12	4.85	0	0	0
64	SLU 38	-0.01	-0.12	4.85	0	0	0
64	SLU 39	-0.01	-0.12	4.95	0	0	0
64	SLU 40	-0.01	-0.12	4.95	0	0	0
64	SLU 41	-0.01	-0.12	5	0	0	0
64	SLU 42	-0.01	-0.12	5	0	0	0
64	SLU 43	0	-0.16	4.83	0	0	0
64	SLU 44	0	-0.15	4.83	0	0	0
64	SLU 45	0	-0.16	4.92	0	0	0
64	SLU 46	0	-0.16	4.92	0	0	0
64	SLU 47	0	-0.15	4.88	0	0	0
64	SLU 48	0	-0.16	4.97	0	0	0
64	SLU 49	0	-0.16	4.97	0	0	0
64	SLU 50	0	-0.16	4.93	0	0	0
64	SLU 51	0	-0.16	4.93	0	0	0
64	SLU 52	-0.01	-0.16	5.31	0	0	0
64	SLU 53	-0.01	-0.16	5.39	0	0	0
64	SLU 54	-0.01	-0.16	5.39	0	0	0
64	SLU 55	-0.01	-0.16	5.36	0	0	0
64	SLU 56	-0.01	-0.16	5.44	0	0	0
64	SLU 57	-0.01	-0.16	5.44	0	0	0
64	SLU 58	-0.01	-0.16	5.41	0	0	0
64	SLU 59	-0.01	-0.16	5.41	0	0	0
64	SLU 60	-0.01	-0.16	5.51	0	0	0
64	SLU 61	-0.01	-0.16	5.51	0	0	0
64	SLU 62	-0.01	-0.16	5.56	0	0	0
64	SLU 63	-0.01	-0.16	5.56	0	0	0
64	SLU 64	0	-0.15	5.27	0	0	0
64	SLU 65	0	-0.15	5.27	0	0	0
64	SLU 66	0	-0.15	5.36	0	0	0
64	SLU 67	0	-0.15	5.36	0	0	0
64	SLU 68	0	-0.15	5.32	0	0	0
64	SLU 69	0	-0.15	5.41	0	0	0
64	SLU 70	0	-0.15	5.41	0	0	0
64	SLU 71	0	-0.15	5.37	0	0	0
64	SLU 72	0	-0.15	5.37	0	0	0
64	SLU 73	-0.01	-0.15	5.75	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
64	SLU 74	-0.01	-0.16	5.83	0	0	0
64	SLU 75	-0.01	-0.16	5.83	0	0	0
64	SLU 76	-0.01	-0.15	5.8	0	0	0
64	SLU 77	-0.01	-0.16	5.88	0	0	0
64	SLU 78	-0.01	-0.16	5.88	0	0	0
64	SLU 79	-0.01	-0.16	5.85	0	0	0
64	SLU 80	-0.01	-0.16	5.85	0	0	0
64	SLU 81	-0.01	-0.16	5.95	0	0	0
64	SLU 82	-0.01	-0.16	5.95	0	0	0
64	SLU 83	-0.01	-0.16	6	0	0	0
64	SLU 84	-0.01	-0.16	6	0	0	0
64	SLE RA 1	0	-0.12	3.96	0	0	0
64	SLE RA 2	0	-0.12	3.96	0	0	0
64	SLE RA 3	0	-0.12	4.02	0	0	0
64	SLE RA 4	0	-0.12	4.02	0	0	0
64	SLE RA 5	0	-0.12	3.99	0	0	0
64	SLE RA 6	0	-0.12	4.05	0	0	0
64	SLE RA 7	0	-0.12	4.05	0	0	0
64	SLE RA 8	0	-0.12	4.02	0	0	0
64	SLE RA 9	0	-0.12	4.03	0	0	0
64	SLE RA 10	0	-0.12	4.28	0	0	0
64	SLE RA 11	-0.01	-0.12	4.33	0	0	0
64	SLE RA 12	-0.01	-0.12	4.33	0	0	0
64	SLE RA 13	-0.01	-0.12	4.31	0	0	0
64	SLE RA 14	-0.01	-0.12	4.37	0	0	0
64	SLE RA 15	-0.01	-0.12	4.37	0	0	0
64	SLE RA 16	-0.01	-0.12	4.34	0	0	0
64	SLE RA 17	-0.01	-0.12	4.34	0	0	0
64	SLE RA 18	-0.01	-0.12	4.41	0	0	0
64	SLE RA 19	-0.01	-0.12	4.41	0	0	0
64	SLE RA 20	-0.01	-0.12	4.44	0	0	0
64	SLE RA 21	-0.01	-0.12	4.44	0	0	0
64	SLE FR 1	0	-0.12	3.96	0	0	0
64	SLE FR 2	0	-0.12	3.96	0	0	0
64	SLE FR 3	0	-0.12	3.97	0	0	0
64	SLE FR 4	0	-0.12	4.09	0	0	0
64	SLE FR 5	0	-0.12	4.11	0	0	0
64	SLE FR 6	0	-0.12	4.18	0	0	0
64	SLE QP 1	0	-0.12	3.96	0	0	0
64	SLE QP 2	0	-0.12	4.09	0	0	0
64	SLD 1	0.27	-0.08	3.97	0	0	0
64	SLD 2	0.27	-0.07	3.96	0	0	0
64	SLD 3	0.26	-0.16	4	0	0	0
64	SLD 4	0.26	-0.14	4	0	0	0
64	SLD 5	0.11	0	4	0	0	0
64	SLD 6	0.11	0.01	4	0	0	0
64	SLD 7	0.05	-0.25	4.13	0	0	0
64	SLD 8	0.05	-0.24	4.12	0	0	0
64	SLD 9	-0.05	0	4.06	0	0	0
64	SLD 10	-0.05	0.01	4.06	0	0	0
64	SLD 11	-0.11	-0.26	4.19	0	0	0
64	SLD 12	-0.11	-0.24	4.19	0	0	0
64	SLD 13	-0.26	-0.1	4.19	0	0	0
64	SLD 14	-0.26	-0.08	4.18	0	0	0
64	SLD 15	-0.28	-0.17	4.22	0	0	0
64	SLD 16	-0.27	-0.16	4.22	0	0	0
64	SLV 1	0.64	-0.04	3.8	0	0	0
64	SLV 2	0.64	0	3.79	0	0	0
64	SLV 3	0.6	-0.21	3.88	0	0	0
64	SLV 4	0.6	-0.17	3.88	0	0	0
64	SLV 5	0.25	0.16	3.87	0	0	0
64	SLV 6	0.25	0.19	3.87	0	0	0
64	SLV 7	0.12	-0.42	4.16	0	0	0
64	SLV 8	0.12	-0.39	4.16	0	0	0
64	SLV 9	-0.12	0.15	4.03	0	0	0
64	SLV 10	-0.12	0.18	4.02	0	0	0
64	SLV 11	-0.25	-0.43	4.32	0	0	0
64	SLV 12	-0.25	-0.4	4.31	0	0	0
64	SLV 13	-0.61	-0.07	4.31	0	0	0
64	SLV 14	-0.6	-0.03	4.3	0	0	0
64	SLV 15	-0.64	-0.24	4.4	0	0	0
64	SLV 16	-0.64	-0.21	4.39	0	0	0
65	SLU 1	0	-0.06	1.57	0	0	0
65	SLU 2	0	-0.06	1.57	0	0	0
65	SLU 3	0	-0.06	1.61	0	0	0
65	SLU 4	0	-0.06	1.61	0	0	0
65	SLU 5	0	-0.06	1.6	0	0	0
65	SLU 6	0	-0.06	1.63	0	0	0
65	SLU 7	0	-0.06	1.63	0	0	0
65	SLU 8	0	-0.06	1.62	0	0	0
65	SLU 9	0	-0.06	1.62	0	0	0
65	SLU 10	0	-0.07	1.78	0	0	0
65	SLU 11	-0.01	-0.07	1.82	0	0	0
65	SLU 12	-0.01	-0.07	1.82	0	0	0
65	SLU 13	-0.01	-0.07	1.8	0	0	0
65	SLU 14	-0.01	-0.07	1.84	0	0	0
65	SLU 15	-0.01	-0.07	1.84	0	0	0
65	SLU 16	-0.01	-0.07	1.83	0	0	0
65	SLU 17	-0.01	-0.07	1.83	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
65	SLU 18	-0.01	-0.07	1.87	0	0	0
65	SLU 19	-0.01	-0.07	1.87	0	0	0
65	SLU 20	-0.01	-0.07	1.89	0	0	0
65	SLU 21	-0.01	-0.07	1.89	0	0	0
65	SLU 22	0	-0.06	1.75	0	0	0
65	SLU 23	0	-0.06	1.75	0	0	0
65	SLU 24	0	-0.06	1.79	0	0	0
65	SLU 25	0	-0.06	1.79	0	0	0
65	SLU 26	0	-0.06	1.78	0	0	0
65	SLU 27	0	-0.06	1.81	0	0	0
65	SLU 28	0	-0.06	1.81	0	0	0
65	SLU 29	0	-0.06	1.8	0	0	0
65	SLU 30	0	-0.06	1.8	0	0	0
65	SLU 31	-0.01	-0.06	1.96	0	0	0
65	SLU 32	-0.01	-0.07	2	0	0	0
65	SLU 33	-0.01	-0.07	2	0	0	0
65	SLU 34	-0.01	-0.06	1.98	0	0	0
65	SLU 35	-0.01	-0.07	2.02	0	0	0
65	SLU 36	-0.01	-0.07	2.02	0	0	0
65	SLU 37	-0.01	-0.07	2.01	0	0	0
65	SLU 38	-0.01	-0.07	2.01	0	0	0
65	SLU 39	-0.01	-0.07	2.05	0	0	0
65	SLU 40	-0.01	-0.07	2.05	0	0	0
65	SLU 41	-0.01	-0.07	2.07	0	0	0
65	SLU 42	-0.01	-0.07	2.07	0	0	0
65	SLU 43	0	-0.08	1.98	0	0	0
65	SLU 44	0	-0.08	1.98	0	0	0
65	SLU 45	0	-0.08	2.02	0	0	0
65	SLU 46	0	-0.08	2.02	0	0	0
65	SLU 47	0	-0.08	2	0	0	0
65	SLU 48	0	-0.08	2.04	0	0	0
65	SLU 49	0	-0.08	2.04	0	0	0
65	SLU 50	0	-0.08	2.03	0	0	0
65	SLU 51	0	-0.08	2.03	0	0	0
65	SLU 52	0	-0.08	2.19	0	0	0
65	SLU 53	-0.01	-0.09	2.22	0	0	0
65	SLU 54	-0.01	-0.08	2.23	0	0	0
65	SLU 55	-0.01	-0.08	2.21	0	0	0
65	SLU 56	-0.01	-0.09	2.25	0	0	0
65	SLU 57	-0.01	-0.09	2.25	0	0	0
65	SLU 58	-0.01	-0.09	2.23	0	0	0
65	SLU 59	-0.01	-0.08	2.23	0	0	0
65	SLU 60	-0.01	-0.09	2.27	0	0	0
65	SLU 61	-0.01	-0.09	2.28	0	0	0
65	SLU 62	-0.01	-0.09	2.3	0	0	0
65	SLU 63	-0.01	-0.09	2.3	0	0	0
65	SLU 64	0	-0.08	2.16	0	0	0
65	SLU 65	0	-0.08	2.16	0	0	0
65	SLU 66	0	-0.08	2.2	0	0	0
65	SLU 67	0	-0.08	2.2	0	0	0
65	SLU 68	0	-0.08	2.19	0	0	0
65	SLU 69	0	-0.08	2.22	0	0	0
65	SLU 70	0	-0.08	2.22	0	0	0
65	SLU 71	0	-0.08	2.21	0	0	0
65	SLU 72	0	-0.08	2.21	0	0	0
65	SLU 73	-0.01	-0.08	2.37	0	0	0
65	SLU 74	-0.01	-0.09	2.41	0	0	0
65	SLU 75	-0.01	-0.08	2.41	0	0	0
65	SLU 76	-0.01	-0.08	2.39	0	0	0
65	SLU 77	-0.01	-0.09	2.43	0	0	0
65	SLU 78	-0.01	-0.08	2.43	0	0	0
65	SLU 79	-0.01	-0.09	2.42	0	0	0
65	SLU 80	-0.01	-0.08	2.42	0	0	0
65	SLU 81	-0.01	-0.09	2.46	0	0	0
65	SLU 82	-0.01	-0.09	2.46	0	0	0
65	SLU 83	-0.01	-0.09	2.48	0	0	0
65	SLU 84	-0.01	-0.09	2.48	0	0	0
65	SLE RA 1	0	-0.06	1.62	0	0	0
65	SLE RA 2	0	-0.06	1.62	0	0	0
65	SLE RA 3	0	-0.06	1.65	0	0	0
65	SLE RA 4	0	-0.06	1.65	0	0	0
65	SLE RA 5	0	-0.06	1.64	0	0	0
65	SLE RA 6	0	-0.06	1.66	0	0	0
65	SLE RA 7	0	-0.06	1.66	0	0	0
65	SLE RA 8	0	-0.06	1.65	0	0	0
65	SLE RA 9	0	-0.06	1.65	0	0	0
65	SLE RA 10	0	-0.06	1.76	0	0	0
65	SLE RA 11	0	-0.07	1.79	0	0	0
65	SLE RA 12	0	-0.06	1.79	0	0	0
65	SLE RA 13	0	-0.06	1.78	0	0	0
65	SLE RA 14	0	-0.07	1.8	0	0	0
65	SLE RA 15	0	-0.06	1.8	0	0	0
65	SLE RA 16	0	-0.07	1.79	0	0	0
65	SLE RA 17	0	-0.06	1.79	0	0	0
65	SLE RA 18	0	-0.07	1.82	0	0	0
65	SLE RA 19	0	-0.07	1.82	0	0	0
65	SLE RA 20	-0.01	-0.07	1.84	0	0	0
65	SLE RA 21	-0.01	-0.07	1.84	0	0	0
65	SLE FR 1	0	-0.06	1.62	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
65	SLE FR 2	0	-0.06	1.62	0	0	0
65	SLE FR 3	0	-0.06	1.63	0	0	0
65	SLE FR 4	0	-0.06	1.68	0	0	0
65	SLE FR 5	0	-0.06	1.69	0	0	0
65	SLE FR 6	0	-0.06	1.72	0	0	0
65	SLE QP 1	0	-0.06	1.62	0	0	0
65	SLE QP 2	0	-0.06	1.68	0	0	0
65	SLD 1	0.11	-0.05	1.68	0	0	0
65	SLD 2	0.11	-0.05	1.67	0	0	0
65	SLD 3	0.1	-0.08	1.71	0	0	0
65	SLD 4	0.1	-0.08	1.71	0	0	0
65	SLD 5	0.04	-0.01	1.63	0	0	0
65	SLD 6	0.04	-0.01	1.63	0	0	0
65	SLD 7	0.02	-0.12	1.74	0	0	0
65	SLD 8	0.02	-0.12	1.74	0	0	0
65	SLD 9	-0.02	-0.01	1.62	0	0	0
65	SLD 10	-0.02	-0.01	1.62	0	0	0
65	SLD 11	-0.05	-0.12	1.74	0	0	0
65	SLD 12	-0.05	-0.12	1.74	0	0	0
65	SLD 13	-0.11	-0.05	1.65	0	0	0
65	SLD 14	-0.11	-0.04	1.65	0	0	0
65	SLD 15	-0.11	-0.08	1.69	0	0	0
65	SLD 16	-0.11	-0.08	1.69	0	0	0
65	SLV 1	0.26	-0.03	1.67	0	0	0
65	SLV 2	0.26	-0.03	1.67	0	0	0
65	SLV 3	0.24	-0.11	1.75	0	0	0
65	SLV 4	0.24	-0.11	1.75	0	0	0
65	SLV 5	0.1	0.06	1.56	0	0	0
65	SLV 6	0.1	0.06	1.56	0	0	0
65	SLV 7	0.05	-0.19	1.82	0	0	0
65	SLV 8	0.05	-0.19	1.82	0	0	0
65	SLV 9	-0.05	0.06	1.54	0	0	0
65	SLV 10	-0.05	0.06	1.54	0	0	0
65	SLV 11	-0.1	-0.19	1.81	0	0	0
65	SLV 12	-0.1	-0.19	1.81	0	0	0
65	SLV 13	-0.25	-0.02	1.62	0	0	0
65	SLV 14	-0.25	-0.02	1.62	0	0	0
65	SLV 15	-0.26	-0.1	1.7	0	0	0
65	SLV 16	-0.26	-0.09	1.7	0	0	0
66	SLU 1	0	-0.11	2.81	0	0	0
66	SLU 2	0	-0.11	2.82	0	0	0
66	SLU 3	0	-0.11	2.88	0	0	0
66	SLU 4	0	-0.11	2.88	0	0	0
66	SLU 5	0	-0.11	2.86	0	0	0
66	SLU 6	0	-0.11	2.92	0	0	0
66	SLU 7	0	-0.11	2.92	0	0	0
66	SLU 8	0	-0.11	2.9	0	0	0
66	SLU 9	0	-0.11	2.9	0	0	0
66	SLU 10	-0.01	-0.11	3.18	0	0	0
66	SLU 11	-0.01	-0.11	3.25	0	0	0
66	SLU 12	-0.01	-0.11	3.25	0	0	0
66	SLU 13	-0.01	-0.11	3.22	0	0	0
66	SLU 14	-0.01	-0.11	3.29	0	0	0
66	SLU 15	-0.01	-0.11	3.29	0	0	0
66	SLU 16	-0.01	-0.11	3.26	0	0	0
66	SLU 17	-0.01	-0.11	3.26	0	0	0
66	SLU 18	-0.01	-0.12	3.34	0	0	0
66	SLU 19	-0.01	-0.12	3.34	0	0	0
66	SLU 20	-0.01	-0.12	3.38	0	0	0
66	SLU 21	-0.01	-0.12	3.38	0	0	0
66	SLU 22	0	-0.11	3.14	0	0	0
66	SLU 23	0	-0.11	3.14	0	0	0
66	SLU 24	0	-0.11	3.21	0	0	0
66	SLU 25	0	-0.11	3.21	0	0	0
66	SLU 26	0	-0.11	3.18	0	0	0
66	SLU 27	-0.01	-0.11	3.25	0	0	0
66	SLU 28	0	-0.11	3.25	0	0	0
66	SLU 29	-0.01	-0.11	3.22	0	0	0
66	SLU 30	-0.01	-0.11	3.22	0	0	0
66	SLU 31	-0.01	-0.11	3.51	0	0	0
66	SLU 32	-0.01	-0.11	3.57	0	0	0
66	SLU 33	-0.01	-0.11	3.57	0	0	0
66	SLU 34	-0.01	-0.11	3.55	0	0	0
66	SLU 35	-0.01	-0.11	3.62	0	0	0
66	SLU 36	-0.01	-0.11	3.62	0	0	0
66	SLU 37	-0.01	-0.11	3.59	0	0	0
66	SLU 38	-0.01	-0.11	3.59	0	0	0
66	SLU 39	-0.01	-0.12	3.66	0	0	0
66	SLU 40	-0.01	-0.11	3.66	0	0	0
66	SLU 41	-0.01	-0.12	3.7	0	0	0
66	SLU 42	-0.01	-0.11	3.7	0	0	0
66	SLU 43	0	-0.14	3.55	0	0	0
66	SLU 44	0	-0.14	3.55	0	0	0
66	SLU 45	0	-0.14	3.61	0	0	0
66	SLU 46	0	-0.14	3.62	0	0	0
66	SLU 47	0	-0.14	3.59	0	0	0
66	SLU 48	0	-0.14	3.66	0	0	0
66	SLU 49	0	-0.14	3.66	0	0	0
66	SLU 50	0	-0.14	3.63	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
66	SLU 51	0	-0.14	3.63	0	0	0
66	SLU 52	-0.01	-0.14	3.91	0	0	0
66	SLU 53	-0.01	-0.15	3.98	0	0	0
66	SLU 54	-0.01	-0.15	3.98	0	0	0
66	SLU 55	-0.01	-0.14	3.96	0	0	0
66	SLU 56	-0.01	-0.15	4.02	0	0	0
66	SLU 57	-0.01	-0.15	4.02	0	0	0
66	SLU 58	-0.01	-0.15	4	0	0	0
66	SLU 59	-0.01	-0.15	4	0	0	0
66	SLU 60	-0.01	-0.15	4.07	0	0	0
66	SLU 61	-0.01	-0.15	4.07	0	0	0
66	SLU 62	-0.01	-0.15	4.11	0	0	0
66	SLU 63	-0.01	-0.15	4.11	0	0	0
66	SLU 64	0	-0.14	3.87	0	0	0
66	SLU 65	0	-0.14	3.87	0	0	0
66	SLU 66	0	-0.14	3.94	0	0	0
66	SLU 67	0	-0.14	3.94	0	0	0
66	SLU 68	0	-0.14	3.91	0	0	0
66	SLU 69	-0.01	-0.14	3.98	0	0	0
66	SLU 70	-0.01	-0.14	3.98	0	0	0
66	SLU 71	-0.01	-0.14	3.96	0	0	0
66	SLU 72	-0.01	-0.14	3.96	0	0	0
66	SLU 73	-0.01	-0.14	4.24	0	0	0
66	SLU 74	-0.01	-0.15	4.31	0	0	0
66	SLU 75	-0.01	-0.15	4.31	0	0	0
66	SLU 76	-0.01	-0.14	4.28	0	0	0
66	SLU 77	-0.01	-0.15	4.35	0	0	0
66	SLU 78	-0.01	-0.15	4.35	0	0	0
66	SLU 79	-0.01	-0.15	4.32	0	0	0
66	SLU 80	-0.01	-0.14	4.32	0	0	0
66	SLU 81	-0.01	-0.15	4.4	0	0	0
66	SLU 82	-0.01	-0.15	4.4	0	0	0
66	SLU 83	-0.01	-0.15	4.44	0	0	0
66	SLU 84	-0.01	-0.15	4.44	0	0	0
66	SLE RA 1	0	-0.11	2.91	0	0	0
66	SLE RA 2	0	-0.11	2.91	0	0	0
66	SLE RA 3	0	-0.11	2.95	0	0	0
66	SLE RA 4	0	-0.11	2.95	0	0	0
66	SLE RA 5	0	-0.11	2.94	0	0	0
66	SLE RA 6	0	-0.11	2.98	0	0	0
66	SLE RA 7	0	-0.11	2.98	0	0	0
66	SLE RA 8	0	-0.11	2.96	0	0	0
66	SLE RA 9	0	-0.11	2.96	0	0	0
66	SLE RA 10	-0.01	-0.11	3.15	0	0	0
66	SLE RA 11	-0.01	-0.11	3.2	0	0	0
66	SLE RA 12	-0.01	-0.11	3.2	0	0	0
66	SLE RA 13	-0.01	-0.11	3.18	0	0	0
66	SLE RA 14	-0.01	-0.11	3.22	0	0	0
66	SLE RA 15	-0.01	-0.11	3.22	0	0	0
66	SLE RA 16	-0.01	-0.11	3.21	0	0	0
66	SLE RA 17	-0.01	-0.11	3.21	0	0	0
66	SLE RA 18	-0.01	-0.11	3.26	0	0	0
66	SLE RA 19	-0.01	-0.11	3.26	0	0	0
66	SLE RA 20	-0.01	-0.11	3.28	0	0	0
66	SLE RA 21	-0.01	-0.11	3.28	0	0	0
66	SLE FR 1	0	-0.11	2.91	0	0	0
66	SLE FR 2	0	-0.11	2.91	0	0	0
66	SLE FR 3	0	-0.11	2.92	0	0	0
66	SLE FR 4	0	-0.11	3.01	0	0	0
66	SLE FR 5	0	-0.11	3.02	0	0	0
66	SLE FR 6	0	-0.11	3.08	0	0	0
66	SLE QP 1	0	-0.11	2.91	0	0	0
66	SLE QP 2	0	-0.11	3.01	0	0	0
66	SLD 1	0.2	-0.09	2.97	0	0	0
66	SLD 2	0.2	-0.08	2.97	0	0	0
66	SLD 3	0.18	-0.15	3.03	0	0	0
66	SLD 4	0.18	-0.14	3.03	0	0	0
66	SLD 5	0.08	-0.01	2.91	0	0	0
66	SLD 6	0.08	-0.01	2.91	0	0	0
66	SLD 7	0.03	-0.21	3.1	0	0	0
66	SLD 8	0.03	-0.21	3.1	0	0	0
66	SLD 9	-0.04	-0.01	2.92	0	0	0
66	SLD 10	-0.04	-0.01	2.92	0	0	0
66	SLD 11	-0.08	-0.21	3.11	0	0	0
66	SLD 12	-0.08	-0.21	3.11	0	0	0
66	SLD 13	-0.19	-0.08	3	0	0	0
66	SLD 14	-0.19	-0.07	3	0	0	0
66	SLD 15	-0.2	-0.14	3.06	0	0	0
66	SLD 16	-0.2	-0.13	3.05	0	0	0
66	SLV 1	0.46	-0.06	2.91	0	0	0
66	SLV 2	0.46	-0.05	2.91	0	0	0
66	SLV 3	0.43	-0.19	3.04	0	0	0
66	SLV 4	0.43	-0.18	3.04	0	0	0
66	SLV 5	0.18	0.11	2.78	0	0	0
66	SLV 6	0.18	0.11	2.78	0	0	0
66	SLV 7	0.08	-0.34	3.22	0	0	0
66	SLV 8	0.08	-0.33	3.22	0	0	0
66	SLV 9	-0.09	0.11	2.81	0	0	0
66	SLV 10	-0.09	0.12	2.8	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
66	SLV 11	-0.19	-0.33	3.24	0	0	0
66	SLV 12	-0.19	-0.33	3.24	0	0	0
66	SLV 13	-0.44	-0.04	2.98	0	0	0
66	SLV 14	-0.44	-0.03	2.98	0	0	0
66	SLV 15	-0.47	-0.17	3.11	0	0	0
66	SLV 16	-0.47	-0.16	3.11	0	0	0
67	SLU 1	0	-0.09	2.48	0	0	0
67	SLU 2	0	-0.09	2.49	0	0	0
67	SLU 3	0	-0.09	2.54	0	0	0
67	SLU 4	0	-0.09	2.54	0	0	0
67	SLU 5	0	-0.09	2.52	0	0	0
67	SLU 6	0	-0.09	2.58	0	0	0
67	SLU 7	0	-0.09	2.58	0	0	0
67	SLU 8	0	-0.09	2.56	0	0	0
67	SLU 9	0	-0.09	2.56	0	0	0
67	SLU 10	-0.01	-0.1	2.81	0	0	0
67	SLU 11	-0.01	-0.1	2.86	0	0	0
67	SLU 12	-0.01	-0.1	2.87	0	0	0
67	SLU 13	-0.01	-0.1	2.84	0	0	0
67	SLU 14	-0.01	-0.1	2.9	0	0	0
67	SLU 15	-0.01	-0.1	2.9	0	0	0
67	SLU 16	-0.01	-0.1	2.88	0	0	0
67	SLU 17	-0.01	-0.1	2.88	0	0	0
67	SLU 18	-0.01	-0.1	2.94	0	0	0
67	SLU 19	-0.01	-0.1	2.94	0	0	0
67	SLU 20	-0.01	-0.1	2.98	0	0	0
67	SLU 21	-0.01	-0.1	2.98	0	0	0
67	SLU 22	0	-0.09	2.77	0	0	0
67	SLU 23	0	-0.09	2.77	0	0	0
67	SLU 24	0	-0.09	2.83	0	0	0
67	SLU 25	0	-0.09	2.83	0	0	0
67	SLU 26	0	-0.09	2.81	0	0	0
67	SLU 27	0	-0.09	2.87	0	0	0
67	SLU 28	0	-0.09	2.87	0	0	0
67	SLU 29	0	-0.09	2.84	0	0	0
67	SLU 30	0	-0.09	2.84	0	0	0
67	SLU 31	-0.01	-0.09	3.09	0	0	0
67	SLU 32	-0.01	-0.1	3.15	0	0	0
67	SLU 33	-0.01	-0.1	3.15	0	0	0
67	SLU 34	-0.01	-0.09	3.13	0	0	0
67	SLU 35	-0.01	-0.1	3.19	0	0	0
67	SLU 36	-0.01	-0.1	3.19	0	0	0
67	SLU 37	-0.01	-0.1	3.17	0	0	0
67	SLU 38	-0.01	-0.1	3.17	0	0	0
67	SLU 39	-0.01	-0.1	3.23	0	0	0
67	SLU 40	-0.01	-0.1	3.23	0	0	0
67	SLU 41	-0.01	-0.1	3.27	0	0	0
67	SLU 42	-0.01	-0.1	3.27	0	0	0
67	SLU 43	0	-0.12	3.13	0	0	0
67	SLU 44	0	-0.12	3.13	0	0	0
67	SLU 45	0	-0.12	3.19	0	0	0
67	SLU 46	0	-0.12	3.19	0	0	0
67	SLU 47	0	-0.12	3.17	0	0	0
67	SLU 48	0	-0.12	3.23	0	0	0
67	SLU 49	0	-0.12	3.23	0	0	0
67	SLU 50	0	-0.12	3.2	0	0	0
67	SLU 51	0	-0.12	3.2	0	0	0
67	SLU 52	-0.01	-0.12	3.45	0	0	0
67	SLU 53	-0.01	-0.13	3.51	0	0	0
67	SLU 54	-0.01	-0.13	3.51	0	0	0
67	SLU 55	-0.01	-0.12	3.49	0	0	0
67	SLU 56	-0.01	-0.13	3.55	0	0	0
67	SLU 57	-0.01	-0.13	3.55	0	0	0
67	SLU 58	-0.01	-0.13	3.52	0	0	0
67	SLU 59	-0.01	-0.12	3.53	0	0	0
67	SLU 60	-0.01	-0.13	3.59	0	0	0
67	SLU 61	-0.01	-0.13	3.59	0	0	0
67	SLU 62	-0.01	-0.13	3.63	0	0	0
67	SLU 63	-0.01	-0.13	3.63	0	0	0
67	SLU 64	0	-0.12	3.42	0	0	0
67	SLU 65	0	-0.12	3.42	0	0	0
67	SLU 66	0	-0.12	3.48	0	0	0
67	SLU 67	0	-0.12	3.48	0	0	0
67	SLU 68	0	-0.12	3.46	0	0	0
67	SLU 69	0	-0.12	3.51	0	0	0
67	SLU 70	0	-0.12	3.51	0	0	0
67	SLU 71	0	-0.12	3.49	0	0	0
67	SLU 72	0	-0.12	3.49	0	0	0
67	SLU 73	-0.01	-0.12	3.74	0	0	0
67	SLU 74	-0.01	-0.13	3.8	0	0	0
67	SLU 75	-0.01	-0.12	3.8	0	0	0
67	SLU 76	-0.01	-0.12	3.78	0	0	0
67	SLU 77	-0.01	-0.13	3.83	0	0	0
67	SLU 78	-0.01	-0.12	3.84	0	0	0
67	SLU 79	-0.01	-0.12	3.81	0	0	0
67	SLU 80	-0.01	-0.12	3.81	0	0	0
67	SLU 81	-0.01	-0.13	3.88	0	0	0
67	SLU 82	-0.01	-0.13	3.88	0	0	0
67	SLU 83	-0.01	-0.13	3.91	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
67	SLU 84	-0.01	-0.13	3.91	0	0	0
67	SLE RA 1	0	-0.09	2.57	0	0	0
67	SLE RA 2	0	-0.09	2.57	0	0	0
67	SLE RA 3	0	-0.09	2.61	0	0	0
67	SLE RA 4	0	-0.09	2.61	0	0	0
67	SLE RA 5	0	-0.09	2.59	0	0	0
67	SLE RA 6	0	-0.09	2.63	0	0	0
67	SLE RA 7	0	-0.09	2.63	0	0	0
67	SLE RA 8	0	-0.09	2.61	0	0	0
67	SLE RA 9	0	-0.09	2.61	0	0	0
67	SLE RA 10	-0.01	-0.09	2.78	0	0	0
67	SLE RA 11	-0.01	-0.1	2.82	0	0	0
67	SLE RA 12	-0.01	-0.1	2.82	0	0	0
67	SLE RA 13	-0.01	-0.09	2.81	0	0	0
67	SLE RA 14	-0.01	-0.1	2.84	0	0	0
67	SLE RA 15	-0.01	-0.1	2.84	0	0	0
67	SLE RA 16	-0.01	-0.1	2.83	0	0	0
67	SLE RA 17	-0.01	-0.1	2.83	0	0	0
67	SLE RA 18	-0.01	-0.1	2.87	0	0	0
67	SLE RA 19	-0.01	-0.1	2.87	0	0	0
67	SLE RA 20	-0.01	-0.1	2.9	0	0	0
67	SLE RA 21	-0.01	-0.1	2.9	0	0	0
67	SLE FR 1	0	-0.09	2.57	0	0	0
67	SLE FR 2	0	-0.09	2.57	0	0	0
67	SLE FR 3	0	-0.09	2.58	0	0	0
67	SLE FR 4	0	-0.09	2.66	0	0	0
67	SLE FR 5	0	-0.09	2.67	0	0	0
67	SLE FR 6	0	-0.09	2.72	0	0	0
67	SLE QP 1	0	-0.09	2.57	0	0	0
67	SLE QP 2	0	-0.09	2.66	0	0	0
67	SLD 1	0.17	-0.07	2.62	0	0	0
67	SLD 2	0.17	-0.07	2.62	0	0	0
67	SLD 3	0.16	-0.13	2.66	0	0	0
67	SLD 4	0.16	-0.12	2.66	0	0	0
67	SLD 5	0.07	-0.01	2.57	0	0	0
67	SLD 6	0.07	-0.01	2.57	0	0	0
67	SLD 7	0.03	-0.18	2.73	0	0	0
67	SLD 8	0.03	-0.18	2.73	0	0	0
67	SLD 9	-0.04	-0.01	2.59	0	0	0
67	SLD 10	-0.04	-0.01	2.58	0	0	0
67	SLD 11	-0.07	-0.18	2.74	0	0	0
67	SLD 12	-0.07	-0.18	2.74	0	0	0
67	SLD 13	-0.17	-0.07	2.65	0	0	0
67	SLD 14	-0.17	-0.06	2.65	0	0	0
67	SLD 15	-0.18	-0.12	2.7	0	0	0
67	SLD 16	-0.18	-0.11	2.7	0	0	0
67	SLV 1	0.41	-0.05	2.56	0	0	0
67	SLV 2	0.41	-0.04	2.56	0	0	0
67	SLV 3	0.38	-0.17	2.67	0	0	0
67	SLV 4	0.38	-0.16	2.67	0	0	0
67	SLV 5	0.16	0.1	2.47	0	0	0
67	SLV 6	0.16	0.1	2.47	0	0	0
67	SLV 7	0.07	-0.3	2.82	0	0	0
67	SLV 8	0.07	-0.29	2.82	0	0	0
67	SLV 9	-0.08	0.1	2.49	0	0	0
67	SLV 10	-0.08	0.11	2.49	0	0	0
67	SLV 11	-0.17	-0.29	2.85	0	0	0
67	SLV 12	-0.17	-0.28	2.85	0	0	0
67	SLV 13	-0.39	-0.03	2.65	0	0	0
67	SLV 14	-0.39	-0.02	2.64	0	0	0
67	SLV 15	-0.42	-0.15	2.75	0	0	0
67	SLV 16	-0.42	-0.14	2.75	0	0	0
68	SLU 1	0	-0.09	2.47	0	0	0
68	SLU 2	0	-0.09	2.47	0	0	0
68	SLU 3	0	-0.09	2.53	0	0	0
68	SLU 4	0	-0.09	2.53	0	0	0
68	SLU 5	0	-0.09	2.51	0	0	0
68	SLU 6	0	-0.09	2.57	0	0	0
68	SLU 7	0	-0.09	2.57	0	0	0
68	SLU 8	0	-0.09	2.54	0	0	0
68	SLU 9	0	-0.09	2.54	0	0	0
68	SLU 10	-0.01	-0.09	2.79	0	0	0
68	SLU 11	-0.01	-0.09	2.85	0	0	0
68	SLU 12	-0.01	-0.09	2.85	0	0	0
68	SLU 13	-0.01	-0.09	2.83	0	0	0
68	SLU 14	-0.01	-0.09	2.89	0	0	0
68	SLU 15	-0.01	-0.09	2.89	0	0	0
68	SLU 16	-0.01	-0.09	2.86	0	0	0
68	SLU 17	-0.01	-0.09	2.86	0	0	0
68	SLU 18	-0.01	-0.1	2.93	0	0	0
68	SLU 19	-0.01	-0.09	2.93	0	0	0
68	SLU 20	-0.01	-0.1	2.96	0	0	0
68	SLU 21	-0.01	-0.09	2.96	0	0	0
68	SLU 22	0	-0.09	2.76	0	0	0
68	SLU 23	0	-0.09	2.76	0	0	0
68	SLU 24	0	-0.09	2.82	0	0	0
68	SLU 25	0	-0.09	2.82	0	0	0
68	SLU 26	0	-0.09	2.8	0	0	0
68	SLU 27	0	-0.09	2.85	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
68	SLU 28	0	-0.09	2.85	0	0	0
68	SLU 29	0	-0.09	2.83	0	0	0
68	SLU 30	0	-0.09	2.83	0	0	0
68	SLU 31	-0.01	-0.09	3.08	0	0	0
68	SLU 32	-0.01	-0.09	3.14	0	0	0
68	SLU 33	-0.01	-0.09	3.14	0	0	0
68	SLU 34	-0.01	-0.09	3.11	0	0	0
68	SLU 35	-0.01	-0.09	3.17	0	0	0
68	SLU 36	-0.01	-0.09	3.17	0	0	0
68	SLU 37	-0.01	-0.09	3.15	0	0	0
68	SLU 38	-0.01	-0.09	3.15	0	0	0
68	SLU 39	-0.01	-0.09	3.21	0	0	0
68	SLU 40	-0.01	-0.09	3.21	0	0	0
68	SLU 41	-0.01	-0.09	3.25	0	0	0
68	SLU 42	-0.01	-0.09	3.25	0	0	0
68	SLU 43	0	-0.12	3.12	0	0	0
68	SLU 44	0	-0.12	3.12	0	0	0
68	SLU 45	0	-0.12	3.18	0	0	0
68	SLU 46	0	-0.12	3.18	0	0	0
68	SLU 47	0	-0.12	3.15	0	0	0
68	SLU 48	0	-0.12	3.21	0	0	0
68	SLU 49	0	-0.12	3.21	0	0	0
68	SLU 50	0	-0.12	3.19	0	0	0
68	SLU 51	0	-0.12	3.19	0	0	0
68	SLU 52	-0.01	-0.12	3.44	0	0	0
68	SLU 53	-0.01	-0.12	3.49	0	0	0
68	SLU 54	-0.01	-0.12	3.49	0	0	0
68	SLU 55	-0.01	-0.12	3.47	0	0	0
68	SLU 56	-0.01	-0.12	3.53	0	0	0
68	SLU 57	-0.01	-0.12	3.53	0	0	0
68	SLU 58	-0.01	-0.12	3.51	0	0	0
68	SLU 59	-0.01	-0.12	3.51	0	0	0
68	SLU 60	-0.01	-0.12	3.57	0	0	0
68	SLU 61	-0.01	-0.12	3.57	0	0	0
68	SLU 62	-0.01	-0.12	3.61	0	0	0
68	SLU 63	-0.01	-0.12	3.61	0	0	0
68	SLU 64	0	-0.12	3.4	0	0	0
68	SLU 65	0	-0.11	3.4	0	0	0
68	SLU 66	0	-0.12	3.46	0	0	0
68	SLU 67	0	-0.12	3.46	0	0	0
68	SLU 68	0	-0.11	3.44	0	0	0
68	SLU 69	0	-0.12	3.5	0	0	0
68	SLU 70	0	-0.12	3.5	0	0	0
68	SLU 71	0	-0.12	3.47	0	0	0
68	SLU 72	0	-0.11	3.47	0	0	0
68	SLU 73	-0.01	-0.12	3.72	0	0	0
68	SLU 74	-0.01	-0.12	3.78	0	0	0
68	SLU 75	-0.01	-0.12	3.78	0	0	0
68	SLU 76	-0.01	-0.12	3.76	0	0	0
68	SLU 77	-0.01	-0.12	3.82	0	0	0
68	SLU 78	-0.01	-0.12	3.82	0	0	0
68	SLU 79	-0.01	-0.12	3.79	0	0	0
68	SLU 80	-0.01	-0.12	3.79	0	0	0
68	SLU 81	-0.01	-0.12	3.86	0	0	0
68	SLU 82	-0.01	-0.12	3.86	0	0	0
68	SLU 83	-0.01	-0.12	3.89	0	0	0
68	SLU 84	-0.01	-0.12	3.89	0	0	0
68	SLE RA 1	0	-0.09	2.55	0	0	0
68	SLE RA 2	0	-0.09	2.56	0	0	0
68	SLE RA 3	0	-0.09	2.59	0	0	0
68	SLE RA 4	0	-0.09	2.59	0	0	0
68	SLE RA 5	0	-0.09	2.58	0	0	0
68	SLE RA 6	0	-0.09	2.62	0	0	0
68	SLE RA 7	0	-0.09	2.62	0	0	0
68	SLE RA 8	0	-0.09	2.6	0	0	0
68	SLE RA 9	0	-0.09	2.6	0	0	0
68	SLE RA 10	-0.01	-0.09	2.77	0	0	0
68	SLE RA 11	-0.01	-0.09	2.81	0	0	0
68	SLE RA 12	-0.01	-0.09	2.81	0	0	0
68	SLE RA 13	-0.01	-0.09	2.79	0	0	0
68	SLE RA 14	-0.01	-0.09	2.83	0	0	0
68	SLE RA 15	-0.01	-0.09	2.83	0	0	0
68	SLE RA 16	-0.01	-0.09	2.81	0	0	0
68	SLE RA 17	-0.01	-0.09	2.81	0	0	0
68	SLE RA 18	-0.01	-0.09	2.86	0	0	0
68	SLE RA 19	-0.01	-0.09	2.86	0	0	0
68	SLE RA 20	-0.01	-0.09	2.88	0	0	0
68	SLE RA 21	-0.01	-0.09	2.88	0	0	0
68	SLE FR 1	0	-0.09	2.55	0	0	0
68	SLE FR 2	0	-0.09	2.56	0	0	0
68	SLE FR 3	0	-0.09	2.56	0	0	0
68	SLE FR 4	0	-0.09	2.65	0	0	0
68	SLE FR 5	0	-0.09	2.66	0	0	0
68	SLE FR 6	0	-0.09	2.71	0	0	0
68	SLE QP 1	0	-0.09	2.55	0	0	0
68	SLE QP 2	0	-0.09	2.65	0	0	0
68	SLD 1	0.17	-0.07	2.6	0	0	0
68	SLD 2	0.17	-0.07	2.6	0	0	0
68	SLD 3	0.16	-0.12	2.64	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
68	SLD 4	0.16	-0.12	2.64	0	0	0
68	SLD 5	0.07	-0.01	2.57	0	0	0
68	SLD 6	0.07	0	2.57	0	0	0
68	SLD 7	0.03	-0.18	2.71	0	0	0
68	SLD 8	0.03	-0.18	2.71	0	0	0
68	SLD 9	-0.04	-0.01	2.58	0	0	0
68	SLD 10	-0.04	0	2.58	0	0	0
68	SLD 11	-0.07	-0.18	2.73	0	0	0
68	SLD 12	-0.07	-0.17	2.73	0	0	0
68	SLD 13	-0.17	-0.06	2.65	0	0	0
68	SLD 14	-0.17	-0.06	2.65	0	0	0
68	SLD 15	-0.18	-0.12	2.69	0	0	0
68	SLD 16	-0.18	-0.11	2.69	0	0	0
68	SLV 1	0.41	-0.05	2.54	0	0	0
68	SLV 2	0.41	-0.03	2.53	0	0	0
68	SLV 3	0.38	-0.16	2.64	0	0	0
68	SLV 4	0.38	-0.15	2.63	0	0	0
68	SLV 5	0.16	0.1	2.47	0	0	0
68	SLV 6	0.16	0.11	2.46	0	0	0
68	SLV 7	0.07	-0.29	2.79	0	0	0
68	SLV 8	0.07	-0.28	2.79	0	0	0
68	SLV 9	-0.08	0.1	2.5	0	0	0
68	SLV 10	-0.08	0.11	2.5	0	0	0
68	SLV 11	-0.17	-0.29	2.83	0	0	0
68	SLV 12	-0.17	-0.28	2.83	0	0	0
68	SLV 13	-0.39	-0.03	2.66	0	0	0
68	SLV 14	-0.39	-0.02	2.66	0	0	0
68	SLV 15	-0.42	-0.15	2.76	0	0	0
68	SLV 16	-0.42	-0.13	2.75	0	0	0
69	SLU 1	0	-0.09	2.46	0	0	0
69	SLU 2	0	-0.09	2.46	0	0	0
69	SLU 3	0	-0.09	2.52	0	0	0
69	SLU 4	0	-0.09	2.52	0	0	0
69	SLU 5	0	-0.08	2.5	0	0	0
69	SLU 6	0	-0.09	2.55	0	0	0
69	SLU 7	0	-0.09	2.56	0	0	0
69	SLU 8	0	-0.09	2.53	0	0	0
69	SLU 9	0	-0.09	2.53	0	0	0
69	SLU 10	-0.01	-0.09	2.78	0	0	0
69	SLU 11	-0.01	-0.09	2.83	0	0	0
69	SLU 12	-0.01	-0.09	2.84	0	0	0
69	SLU 13	-0.01	-0.09	2.81	0	0	0
69	SLU 14	-0.01	-0.09	2.87	0	0	0
69	SLU 15	-0.01	-0.09	2.87	0	0	0
69	SLU 16	-0.01	-0.09	2.85	0	0	0
69	SLU 17	-0.01	-0.09	2.85	0	0	0
69	SLU 18	-0.01	-0.09	2.91	0	0	0
69	SLU 19	-0.01	-0.09	2.91	0	0	0
69	SLU 20	-0.01	-0.09	2.95	0	0	0
69	SLU 21	-0.01	-0.09	2.95	0	0	0
69	SLU 22	0	-0.09	2.75	0	0	0
69	SLU 23	0	-0.08	2.75	0	0	0
69	SLU 24	0	-0.09	2.81	0	0	0
69	SLU 25	0	-0.08	2.81	0	0	0
69	SLU 26	0	-0.08	2.78	0	0	0
69	SLU 27	0	-0.09	2.84	0	0	0
69	SLU 28	0	-0.08	2.84	0	0	0
69	SLU 29	0	-0.09	2.82	0	0	0
69	SLU 30	0	-0.08	2.82	0	0	0
69	SLU 31	-0.01	-0.09	3.06	0	0	0
69	SLU 32	-0.01	-0.09	3.12	0	0	0
69	SLU 33	-0.01	-0.09	3.12	0	0	0
69	SLU 34	-0.01	-0.09	3.1	0	0	0
69	SLU 35	-0.01	-0.09	3.15	0	0	0
69	SLU 36	-0.01	-0.09	3.16	0	0	0
69	SLU 37	-0.01	-0.09	3.13	0	0	0
69	SLU 38	-0.01	-0.09	3.13	0	0	0
69	SLU 39	-0.01	-0.09	3.2	0	0	0
69	SLU 40	-0.01	-0.09	3.2	0	0	0
69	SLU 41	-0.01	-0.09	3.23	0	0	0
69	SLU 42	-0.01	-0.09	3.23	0	0	0
69	SLU 43	0	-0.11	3.1	0	0	0
69	SLU 44	0	-0.11	3.1	0	0	0
69	SLU 45	0	-0.11	3.16	0	0	0
69	SLU 46	0	-0.11	3.16	0	0	0
69	SLU 47	0	-0.11	3.14	0	0	0
69	SLU 48	0	-0.11	3.2	0	0	0
69	SLU 49	0	-0.11	3.2	0	0	0
69	SLU 50	0	-0.11	3.17	0	0	0
69	SLU 51	0	-0.11	3.17	0	0	0
69	SLU 52	-0.01	-0.12	3.42	0	0	0
69	SLU 53	-0.01	-0.12	3.48	0	0	0
69	SLU 54	-0.01	-0.12	3.48	0	0	0
69	SLU 55	-0.01	-0.12	3.45	0	0	0
69	SLU 56	-0.01	-0.12	3.51	0	0	0
69	SLU 57	-0.01	-0.12	3.51	0	0	0
69	SLU 58	-0.01	-0.12	3.49	0	0	0
69	SLU 59	-0.01	-0.12	3.49	0	0	0
69	SLU 60	-0.01	-0.12	3.55	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
69	SLU 61	-0.01	-0.12	3.55	0	0	0
69	SLU 62	-0.01	-0.12	3.59	0	0	0
69	SLU 63	-0.01	-0.12	3.59	0	0	0
69	SLU 64	0	-0.11	3.39	0	0	0
69	SLU 65	0	-0.11	3.39	0	0	0
69	SLU 66	0	-0.11	3.45	0	0	0
69	SLU 67	0	-0.11	3.45	0	0	0
69	SLU 68	0	-0.11	3.42	0	0	0
69	SLU 69	0	-0.11	3.48	0	0	0
69	SLU 70	0	-0.11	3.48	0	0	0
69	SLU 71	0	-0.11	3.46	0	0	0
69	SLU 72	0	-0.11	3.46	0	0	0
69	SLU 73	-0.01	-0.11	3.7	0	0	0
69	SLU 74	-0.01	-0.12	3.76	0	0	0
69	SLU 75	-0.01	-0.11	3.76	0	0	0
69	SLU 76	-0.01	-0.11	3.74	0	0	0
69	SLU 77	-0.01	-0.12	3.8	0	0	0
69	SLU 78	-0.01	-0.11	3.8	0	0	0
69	SLU 79	-0.01	-0.12	3.77	0	0	0
69	SLU 80	-0.01	-0.11	3.77	0	0	0
69	SLU 81	-0.01	-0.12	3.84	0	0	0
69	SLU 82	-0.01	-0.12	3.84	0	0	0
69	SLU 83	-0.01	-0.12	3.87	0	0	0
69	SLU 84	-0.01	-0.12	3.87	0	0	0
69	SLE RA 1	0	-0.09	2.54	0	0	0
69	SLE RA 2	0	-0.09	2.54	0	0	0
69	SLE RA 3	0	-0.09	2.58	0	0	0
69	SLE RA 4	0	-0.09	2.58	0	0	0
69	SLE RA 5	0	-0.09	2.57	0	0	0
69	SLE RA 6	0	-0.09	2.61	0	0	0
69	SLE RA 7	0	-0.09	2.61	0	0	0
69	SLE RA 8	0	-0.09	2.59	0	0	0
69	SLE RA 9	0	-0.09	2.59	0	0	0
69	SLE RA 10	-0.01	-0.09	2.75	0	0	0
69	SLE RA 11	-0.01	-0.09	2.79	0	0	0
69	SLE RA 12	-0.01	-0.09	2.79	0	0	0
69	SLE RA 13	-0.01	-0.09	2.78	0	0	0
69	SLE RA 14	-0.01	-0.09	2.82	0	0	0
69	SLE RA 15	-0.01	-0.09	2.82	0	0	0
69	SLE RA 16	-0.01	-0.09	2.8	0	0	0
69	SLE RA 17	-0.01	-0.09	2.8	0	0	0
69	SLE RA 18	-0.01	-0.09	2.84	0	0	0
69	SLE RA 19	-0.01	-0.09	2.84	0	0	0
69	SLE RA 20	-0.01	-0.09	2.87	0	0	0
69	SLE RA 21	-0.01	-0.09	2.87	0	0	0
69	SLE FR 1	0	-0.09	2.54	0	0	0
69	SLE FR 2	0	-0.09	2.54	0	0	0
69	SLE FR 3	0	-0.09	2.55	0	0	0
69	SLE FR 4	0	-0.09	2.63	0	0	0
69	SLE FR 5	0	-0.09	2.64	0	0	0
69	SLE FR 6	0	-0.09	2.69	0	0	0
69	SLE QP 1	0	-0.09	2.54	0	0	0
69	SLE QP 2	0	-0.09	2.63	0	0	0
69	SLD 1	0.17	-0.07	2.58	0	0	0
69	SLD 2	0.17	-0.06	2.58	0	0	0
69	SLD 3	0.16	-0.12	2.62	0	0	0
69	SLD 4	0.16	-0.11	2.62	0	0	0
69	SLD 5	0.07	-0.01	2.56	0	0	0
69	SLD 6	0.07	0	2.56	0	0	0
69	SLD 7	0.03	-0.18	2.69	0	0	0
69	SLD 8	0.03	-0.17	2.69	0	0	0
69	SLD 9	-0.04	0	2.58	0	0	0
69	SLD 10	-0.04	0	2.58	0	0	0
69	SLD 11	-0.07	-0.17	2.71	0	0	0
69	SLD 12	-0.07	-0.17	2.71	0	0	0
69	SLD 13	-0.17	-0.06	2.65	0	0	0
69	SLD 14	-0.17	-0.06	2.65	0	0	0
69	SLD 15	-0.18	-0.11	2.69	0	0	0
69	SLD 16	-0.18	-0.11	2.69	0	0	0
69	SLV 1	0.41	-0.05	2.51	0	0	0
69	SLV 2	0.41	-0.03	2.5	0	0	0
69	SLV 3	0.38	-0.16	2.6	0	0	0
69	SLV 4	0.38	-0.15	2.59	0	0	0
69	SLV 5	0.16	0.1	2.46	0	0	0
69	SLV 6	0.16	0.11	2.46	0	0	0
69	SLV 7	0.08	-0.29	2.76	0	0	0
69	SLV 8	0.07	-0.28	2.76	0	0	0
69	SLV 9	-0.08	0.1	2.51	0	0	0
69	SLV 10	-0.08	0.11	2.51	0	0	0
69	SLV 11	-0.16	-0.28	2.81	0	0	0
69	SLV 12	-0.17	-0.27	2.81	0	0	0
69	SLV 13	-0.39	-0.03	2.67	0	0	0
69	SLV 14	-0.39	-0.01	2.67	0	0	0
69	SLV 15	-0.42	-0.14	2.76	0	0	0
69	SLV 16	-0.42	-0.13	2.76	0	0	0
70	SLU 1	0	-0.08	2.45	0	0	0
70	SLU 2	0	-0.08	2.45	0	0	0
70	SLU 3	0	-0.08	2.51	0	0	0
70	SLU 4	0	-0.08	2.51	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
70	SLU 5	0	-0.08	2.49	0	0	0
70	SLU 6	0	-0.08	2.54	0	0	0
70	SLU 7	0	-0.08	2.54	0	0	0
70	SLU 8	0	-0.08	2.52	0	0	0
70	SLU 9	0	-0.08	2.52	0	0	0
70	SLU 10	-0.01	-0.09	2.76	0	0	0
70	SLU 11	-0.01	-0.09	2.82	0	0	0
70	SLU 12	-0.01	-0.09	2.82	0	0	0
70	SLU 13	-0.01	-0.09	2.8	0	0	0
70	SLU 14	-0.01	-0.09	2.85	0	0	0
70	SLU 15	-0.01	-0.09	2.85	0	0	0
70	SLU 16	-0.01	-0.09	2.83	0	0	0
70	SLU 17	-0.01	-0.09	2.83	0	0	0
70	SLU 18	-0.01	-0.09	2.9	0	0	0
70	SLU 19	-0.01	-0.09	2.9	0	0	0
70	SLU 20	-0.01	-0.09	2.93	0	0	0
70	SLU 21	-0.01	-0.09	2.93	0	0	0
70	SLU 22	0	-0.08	2.74	0	0	0
70	SLU 23	0	-0.08	2.74	0	0	0
70	SLU 24	0	-0.08	2.79	0	0	0
70	SLU 25	0	-0.08	2.79	0	0	0
70	SLU 26	0	-0.08	2.77	0	0	0
70	SLU 27	0	-0.08	2.83	0	0	0
70	SLU 28	0	-0.08	2.83	0	0	0
70	SLU 29	0	-0.08	2.8	0	0	0
70	SLU 30	0	-0.08	2.8	0	0	0
70	SLU 31	-0.01	-0.08	3.05	0	0	0
70	SLU 32	-0.01	-0.09	3.1	0	0	0
70	SLU 33	-0.01	-0.08	3.1	0	0	0
70	SLU 34	-0.01	-0.08	3.08	0	0	0
70	SLU 35	-0.01	-0.09	3.14	0	0	0
70	SLU 36	-0.01	-0.08	3.14	0	0	0
70	SLU 37	-0.01	-0.08	3.11	0	0	0
70	SLU 38	-0.01	-0.08	3.12	0	0	0
70	SLU 39	-0.01	-0.09	3.18	0	0	0
70	SLU 40	-0.01	-0.09	3.18	0	0	0
70	SLU 41	-0.01	-0.09	3.21	0	0	0
70	SLU 42	-0.01	-0.09	3.21	0	0	0
70	SLU 43	0	-0.11	3.09	0	0	0
70	SLU 44	0	-0.11	3.09	0	0	0
70	SLU 45	0	-0.11	3.15	0	0	0
70	SLU 46	0	-0.11	3.15	0	0	0
70	SLU 47	0	-0.11	3.12	0	0	0
70	SLU 48	0	-0.11	3.18	0	0	0
70	SLU 49	0	-0.11	3.18	0	0	0
70	SLU 50	0	-0.11	3.16	0	0	0
70	SLU 51	0	-0.11	3.16	0	0	0
70	SLU 52	-0.01	-0.11	3.4	0	0	0
70	SLU 53	-0.01	-0.11	3.46	0	0	0
70	SLU 54	-0.01	-0.11	3.46	0	0	0
70	SLU 55	-0.01	-0.11	3.44	0	0	0
70	SLU 56	-0.01	-0.11	3.49	0	0	0
70	SLU 57	-0.01	-0.11	3.49	0	0	0
70	SLU 58	-0.01	-0.11	3.47	0	0	0
70	SLU 59	-0.01	-0.11	3.47	0	0	0
70	SLU 60	-0.01	-0.11	3.53	0	0	0
70	SLU 61	-0.01	-0.11	3.53	0	0	0
70	SLU 62	-0.01	-0.11	3.57	0	0	0
70	SLU 63	-0.01	-0.11	3.57	0	0	0
70	SLU 64	0	-0.11	3.37	0	0	0
70	SLU 65	0	-0.11	3.38	0	0	0
70	SLU 66	0	-0.11	3.43	0	0	0
70	SLU 67	0	-0.11	3.43	0	0	0
70	SLU 68	0	-0.11	3.41	0	0	0
70	SLU 69	0	-0.11	3.46	0	0	0
70	SLU 70	0	-0.11	3.47	0	0	0
70	SLU 71	0	-0.11	3.44	0	0	0
70	SLU 72	0	-0.11	3.44	0	0	0
70	SLU 73	-0.01	-0.11	3.69	0	0	0
70	SLU 74	-0.01	-0.11	3.74	0	0	0
70	SLU 75	-0.01	-0.11	3.74	0	0	0
70	SLU 76	-0.01	-0.11	3.72	0	0	0
70	SLU 77	-0.01	-0.11	3.78	0	0	0
70	SLU 78	-0.01	-0.11	3.78	0	0	0
70	SLU 79	-0.01	-0.11	3.75	0	0	0
70	SLU 80	-0.01	-0.11	3.75	0	0	0
70	SLU 81	-0.01	-0.11	3.82	0	0	0
70	SLU 82	-0.01	-0.11	3.82	0	0	0
70	SLU 83	-0.01	-0.11	3.85	0	0	0
70	SLU 84	-0.01	-0.11	3.85	0	0	0
70	SLE RA 1	0	-0.08	2.53	0	0	0
70	SLE RA 2	0	-0.08	2.53	0	0	0
70	SLE RA 3	0	-0.08	2.57	0	0	0
70	SLE RA 4	0	-0.08	2.57	0	0	0
70	SLE RA 5	0	-0.08	2.56	0	0	0
70	SLE RA 6	0	-0.08	2.59	0	0	0
70	SLE RA 7	0	-0.08	2.59	0	0	0
70	SLE RA 8	0	-0.08	2.58	0	0	0
70	SLE RA 9	0	-0.08	2.58	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
70	SLE RA 10	-0.01	-0.08	2.74	0	0	0
70	SLE RA 11	-0.01	-0.09	2.78	0	0	0
70	SLE RA 12	-0.01	-0.08	2.78	0	0	0
70	SLE RA 13	-0.01	-0.08	2.76	0	0	0
70	SLE RA 14	-0.01	-0.09	2.8	0	0	0
70	SLE RA 15	-0.01	-0.08	2.8	0	0	0
70	SLE RA 16	-0.01	-0.09	2.79	0	0	0
70	SLE RA 17	-0.01	-0.08	2.79	0	0	0
70	SLE RA 18	-0.01	-0.09	2.83	0	0	0
70	SLE RA 19	-0.01	-0.09	2.83	0	0	0
70	SLE RA 20	-0.01	-0.09	2.85	0	0	0
70	SLE RA 21	-0.01	-0.09	2.85	0	0	0
70	SLE FR 1	0	-0.08	2.53	0	0	0
70	SLE FR 2	0	-0.08	2.53	0	0	0
70	SLE FR 3	0	-0.08	2.54	0	0	0
70	SLE FR 4	0	-0.08	2.62	0	0	0
70	SLE FR 5	0	-0.08	2.63	0	0	0
70	SLE FR 6	0	-0.08	2.68	0	0	0
70	SLE QP 1	0	-0.08	2.53	0	0	0
70	SLE QP 2	0	-0.08	2.62	0	0	0
70	SLD 1	0.17	-0.07	2.56	0	0	0
70	SLD 2	0.17	-0.06	2.56	0	0	0
70	SLD 3	0.16	-0.12	2.6	0	0	0
70	SLD 4	0.16	-0.11	2.59	0	0	0
70	SLD 5	0.07	0	2.55	0	0	0
70	SLD 6	0.07	0	2.55	0	0	0
70	SLD 7	0.03	-0.17	2.67	0	0	0
70	SLD 8	0.03	-0.17	2.67	0	0	0
70	SLD 9	-0.04	0	2.58	0	0	0
70	SLD 10	-0.04	0	2.57	0	0	0
70	SLD 11	-0.07	-0.17	2.7	0	0	0
70	SLD 12	-0.07	-0.16	2.69	0	0	0
70	SLD 13	-0.17	-0.06	2.65	0	0	0
70	SLD 14	-0.17	-0.05	2.65	0	0	0
70	SLD 15	-0.18	-0.11	2.69	0	0	0
70	SLD 16	-0.18	-0.1	2.68	0	0	0
70	SLV 1	0.41	-0.04	2.48	0	0	0
70	SLV 2	0.41	-0.03	2.47	0	0	0
70	SLV 3	0.38	-0.16	2.56	0	0	0
70	SLV 4	0.38	-0.14	2.55	0	0	0
70	SLV 5	0.16	0.1	2.45	0	0	0
70	SLV 6	0.16	0.11	2.45	0	0	0
70	SLV 7	0.08	-0.28	2.73	0	0	0
70	SLV 8	0.07	-0.27	2.73	0	0	0
70	SLV 9	-0.08	0.1	2.52	0	0	0
70	SLV 10	-0.08	0.11	2.52	0	0	0
70	SLV 11	-0.16	-0.28	2.79	0	0	0
70	SLV 12	-0.17	-0.27	2.79	0	0	0
70	SLV 13	-0.39	-0.03	2.69	0	0	0
70	SLV 14	-0.39	-0.01	2.69	0	0	0
70	SLV 15	-0.41	-0.14	2.77	0	0	0
70	SLV 16	-0.42	-0.12	2.77	0	0	0
71	SLU 1	0	-0.09	2.76	0	0	0
71	SLU 2	0	-0.09	2.76	0	0	0
71	SLU 3	0	-0.09	2.82	0	0	0
71	SLU 4	0	-0.09	2.82	0	0	0
71	SLU 5	0	-0.09	2.79	0	0	0
71	SLU 6	0	-0.09	2.86	0	0	0
71	SLU 7	0	-0.09	2.86	0	0	0
71	SLU 8	0	-0.09	2.83	0	0	0
71	SLU 9	0	-0.09	2.83	0	0	0
71	SLU 10	-0.01	-0.09	3.1	0	0	0
71	SLU 11	-0.01	-0.09	3.17	0	0	0
71	SLU 12	-0.01	-0.09	3.17	0	0	0
71	SLU 13	-0.01	-0.09	3.14	0	0	0
71	SLU 14	-0.01	-0.09	3.2	0	0	0
71	SLU 15	-0.01	-0.09	3.21	0	0	0
71	SLU 16	-0.01	-0.09	3.18	0	0	0
71	SLU 17	-0.01	-0.09	3.18	0	0	0
71	SLU 18	-0.01	-0.1	3.25	0	0	0
71	SLU 19	-0.01	-0.09	3.25	0	0	0
71	SLU 20	-0.01	-0.1	3.29	0	0	0
71	SLU 21	-0.01	-0.09	3.29	0	0	0
71	SLU 22	0	-0.09	3.08	0	0	0
71	SLU 23	0	-0.09	3.08	0	0	0
71	SLU 24	0	-0.09	3.14	0	0	0
71	SLU 25	0	-0.09	3.14	0	0	0
71	SLU 26	0	-0.09	3.11	0	0	0
71	SLU 27	0	-0.09	3.18	0	0	0
71	SLU 28	0	-0.09	3.18	0	0	0
71	SLU 29	0	-0.09	3.15	0	0	0
71	SLU 30	0	-0.09	3.15	0	0	0
71	SLU 31	-0.01	-0.09	3.42	0	0	0
71	SLU 32	-0.01	-0.09	3.49	0	0	0
71	SLU 33	-0.01	-0.09	3.49	0	0	0
71	SLU 34	-0.01	-0.09	3.46	0	0	0
71	SLU 35	-0.01	-0.09	3.52	0	0	0
71	SLU 36	-0.01	-0.09	3.52	0	0	0
71	SLU 37	-0.01	-0.09	3.5	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
71	SLU 38	-0.01	-0.09	3.5	0	0	0
71	SLU 39	-0.01	-0.09	3.57	0	0	0
71	SLU 40	-0.01	-0.09	3.57	0	0	0
71	SLU 41	-0.01	-0.09	3.61	0	0	0
71	SLU 42	-0.01	-0.09	3.61	0	0	0
71	SLU 43	0	-0.12	3.47	0	0	0
71	SLU 44	0	-0.12	3.47	0	0	0
71	SLU 45	0	-0.12	3.54	0	0	0
71	SLU 46	0	-0.12	3.54	0	0	0
71	SLU 47	0	-0.12	3.51	0	0	0
71	SLU 48	0	-0.12	3.57	0	0	0
71	SLU 49	0	-0.12	3.58	0	0	0
71	SLU 50	0	-0.12	3.55	0	0	0
71	SLU 51	0	-0.12	3.55	0	0	0
71	SLU 52	-0.01	-0.12	3.82	0	0	0
71	SLU 53	-0.01	-0.12	3.88	0	0	0
71	SLU 54	-0.01	-0.12	3.88	0	0	0
71	SLU 55	-0.01	-0.12	3.86	0	0	0
71	SLU 56	-0.01	-0.12	3.92	0	0	0
71	SLU 57	-0.01	-0.12	3.92	0	0	0
71	SLU 58	-0.01	-0.12	3.9	0	0	0
71	SLU 59	-0.01	-0.12	3.9	0	0	0
71	SLU 60	-0.01	-0.12	3.97	0	0	0
71	SLU 61	-0.01	-0.12	3.97	0	0	0
71	SLU 62	-0.01	-0.12	4.01	0	0	0
71	SLU 63	-0.01	-0.12	4.01	0	0	0
71	SLU 64	0	-0.12	3.79	0	0	0
71	SLU 65	0	-0.11	3.79	0	0	0
71	SLU 66	0	-0.12	3.86	0	0	0
71	SLU 67	0	-0.12	3.86	0	0	0
71	SLU 68	0	-0.11	3.83	0	0	0
71	SLU 69	0	-0.12	3.89	0	0	0
71	SLU 70	0	-0.12	3.89	0	0	0
71	SLU 71	0	-0.12	3.87	0	0	0
71	SLU 72	0	-0.12	3.87	0	0	0
71	SLU 73	-0.01	-0.12	4.14	0	0	0
71	SLU 74	-0.01	-0.12	4.2	0	0	0
71	SLU 75	-0.01	-0.12	4.2	0	0	0
71	SLU 76	-0.01	-0.12	4.18	0	0	0
71	SLU 77	-0.01	-0.12	4.24	0	0	0
71	SLU 78	-0.01	-0.12	4.24	0	0	0
71	SLU 79	-0.01	-0.12	4.21	0	0	0
71	SLU 80	-0.01	-0.12	4.22	0	0	0
71	SLU 81	-0.01	-0.12	4.29	0	0	0
71	SLU 82	-0.01	-0.12	4.29	0	0	0
71	SLU 83	-0.01	-0.12	4.33	0	0	0
71	SLU 84	-0.01	-0.12	4.33	0	0	0
71	SLE RA 1	0	-0.09	2.85	0	0	0
71	SLE RA 2	0	-0.09	2.85	0	0	0
71	SLE RA 3	0	-0.09	2.89	0	0	0
71	SLE RA 4	0	-0.09	2.89	0	0	0
71	SLE RA 5	0	-0.09	2.87	0	0	0
71	SLE RA 6	0	-0.09	2.91	0	0	0
71	SLE RA 7	0	-0.09	2.92	0	0	0
71	SLE RA 8	0	-0.09	2.9	0	0	0
71	SLE RA 9	0	-0.09	2.9	0	0	0
71	SLE RA 10	-0.01	-0.09	3.08	0	0	0
71	SLE RA 11	-0.01	-0.09	3.12	0	0	0
71	SLE RA 12	-0.01	-0.09	3.12	0	0	0
71	SLE RA 13	-0.01	-0.09	3.1	0	0	0
71	SLE RA 14	-0.01	-0.09	3.15	0	0	0
71	SLE RA 15	-0.01	-0.09	3.15	0	0	0
71	SLE RA 16	-0.01	-0.09	3.13	0	0	0
71	SLE RA 17	-0.01	-0.09	3.13	0	0	0
71	SLE RA 18	-0.01	-0.09	3.18	0	0	0
71	SLE RA 19	-0.01	-0.09	3.18	0	0	0
71	SLE RA 20	-0.01	-0.09	3.2	0	0	0
71	SLE RA 21	-0.01	-0.09	3.2	0	0	0
71	SLE FR 1	0	-0.09	2.85	0	0	0
71	SLE FR 2	0	-0.09	2.85	0	0	0
71	SLE FR 3	0	-0.09	2.86	0	0	0
71	SLE FR 4	0	-0.09	2.95	0	0	0
71	SLE FR 5	0	-0.09	2.96	0	0	0
71	SLE FR 6	0	-0.09	3.01	0	0	0
71	SLE QP 1	0	-0.09	2.85	0	0	0
71	SLE QP 2	0	-0.09	2.95	0	0	0
71	SLD 1	0.2	-0.06	2.87	0	0	0
71	SLD 2	0.2	-0.05	2.86	0	0	0
71	SLD 3	0.18	-0.12	2.9	0	0	0
71	SLD 4	0.18	-0.11	2.9	0	0	0
71	SLD 5	0.08	0	2.87	0	0	0
71	SLD 6	0.08	0.01	2.86	0	0	0
71	SLD 7	0.03	-0.19	2.99	0	0	0
71	SLD 8	0.03	-0.18	2.99	0	0	0
71	SLD 9	-0.04	0	2.9	0	0	0
71	SLD 10	-0.04	0	2.9	0	0	0
71	SLD 11	-0.08	-0.19	3.03	0	0	0
71	SLD 12	-0.08	-0.18	3.03	0	0	0
71	SLD 13	-0.19	-0.07	2.99	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
71	SLD 14	-0.19	-0.06	2.99	0	0	0
71	SLD 15	-0.2	-0.13	3.03	0	0	0
71	SLD 16	-0.2	-0.12	3.03	0	0	0
71	SLV 1	0.46	-0.03	2.76	0	0	0
71	SLV 2	0.46	-0.01	2.75	0	0	0
71	SLV 3	0.43	-0.16	2.84	0	0	0
71	SLV 4	0.43	-0.13	2.84	0	0	0
71	SLV 5	0.18	0.12	2.76	0	0	0
71	SLV 6	0.18	0.13	2.76	0	0	0
71	SLV 7	0.09	-0.31	3.05	0	0	0
71	SLV 8	0.08	-0.29	3.04	0	0	0
71	SLV 9	-0.09	0.11	2.85	0	0	0
71	SLV 10	-0.09	0.13	2.85	0	0	0
71	SLV 11	-0.19	-0.31	3.13	0	0	0
71	SLV 12	-0.19	-0.3	3.13	0	0	0
71	SLV 13	-0.44	-0.05	3.05	0	0	0
71	SLV 14	-0.44	-0.03	3.05	0	0	0
71	SLV 15	-0.47	-0.18	3.14	0	0	0
71	SLV 16	-0.47	-0.15	3.13	0	0	0
72	SLU 1	0	-0.05	1.53	0	0	0
72	SLU 2	0	-0.05	1.53	0	0	0
72	SLU 3	0	-0.05	1.56	0	0	0
72	SLU 4	0	-0.05	1.56	0	0	0
72	SLU 5	0	-0.05	1.55	0	0	0
72	SLU 6	0	-0.05	1.58	0	0	0
72	SLU 7	0	-0.05	1.58	0	0	0
72	SLU 8	0	-0.05	1.57	0	0	0
72	SLU 9	0	-0.05	1.57	0	0	0
72	SLU 10	0	-0.05	1.72	0	0	0
72	SLU 11	-0.01	-0.05	1.75	0	0	0
72	SLU 12	-0.01	-0.05	1.75	0	0	0
72	SLU 13	-0.01	-0.05	1.74	0	0	0
72	SLU 14	-0.01	-0.05	1.77	0	0	0
72	SLU 15	-0.01	-0.05	1.77	0	0	0
72	SLU 16	-0.01	-0.05	1.76	0	0	0
72	SLU 17	-0.01	-0.05	1.76	0	0	0
72	SLU 18	-0.01	-0.05	1.8	0	0	0
72	SLU 19	-0.01	-0.05	1.8	0	0	0
72	SLU 20	-0.01	-0.05	1.82	0	0	0
72	SLU 21	-0.01	-0.05	1.82	0	0	0
72	SLU 22	0	-0.05	1.7	0	0	0
72	SLU 23	0	-0.05	1.7	0	0	0
72	SLU 24	0	-0.05	1.74	0	0	0
72	SLU 25	0	-0.05	1.74	0	0	0
72	SLU 26	0	-0.05	1.72	0	0	0
72	SLU 27	0	-0.05	1.76	0	0	0
72	SLU 28	0	-0.05	1.76	0	0	0
72	SLU 29	0	-0.05	1.74	0	0	0
72	SLU 30	0	-0.05	1.74	0	0	0
72	SLU 31	0	-0.05	1.89	0	0	0
72	SLU 32	-0.01	-0.05	1.93	0	0	0
72	SLU 33	-0.01	-0.05	1.93	0	0	0
72	SLU 34	-0.01	-0.05	1.91	0	0	0
72	SLU 35	-0.01	-0.05	1.95	0	0	0
72	SLU 36	-0.01	-0.05	1.95	0	0	0
72	SLU 37	-0.01	-0.05	1.93	0	0	0
72	SLU 38	-0.01	-0.05	1.93	0	0	0
72	SLU 39	-0.01	-0.05	1.97	0	0	0
72	SLU 40	-0.01	-0.05	1.98	0	0	0
72	SLU 41	-0.01	-0.05	2	0	0	0
72	SLU 42	-0.01	-0.05	2	0	0	0
72	SLU 43	0	-0.06	1.92	0	0	0
72	SLU 44	0	-0.06	1.92	0	0	0
72	SLU 45	0	-0.06	1.96	0	0	0
72	SLU 46	0	-0.06	1.96	0	0	0
72	SLU 47	0	-0.06	1.94	0	0	0
72	SLU 48	0	-0.06	1.98	0	0	0
72	SLU 49	0	-0.06	1.98	0	0	0
72	SLU 50	0	-0.06	1.96	0	0	0
72	SLU 51	0	-0.06	1.96	0	0	0
72	SLU 52	0	-0.06	2.11	0	0	0
72	SLU 53	-0.01	-0.07	2.15	0	0	0
72	SLU 54	-0.01	-0.06	2.15	0	0	0
72	SLU 55	-0.01	-0.06	2.13	0	0	0
72	SLU 56	-0.01	-0.07	2.17	0	0	0
72	SLU 57	-0.01	-0.06	2.17	0	0	0
72	SLU 58	-0.01	-0.07	2.15	0	0	0
72	SLU 59	-0.01	-0.06	2.15	0	0	0
72	SLU 60	-0.01	-0.07	2.2	0	0	0
72	SLU 61	-0.01	-0.07	2.2	0	0	0
72	SLU 62	-0.01	-0.07	2.22	0	0	0
72	SLU 63	-0.01	-0.07	2.22	0	0	0
72	SLU 64	0	-0.06	2.1	0	0	0
72	SLU 65	0	-0.06	2.1	0	0	0
72	SLU 66	0	-0.06	2.13	0	0	0
72	SLU 67	0	-0.06	2.14	0	0	0
72	SLU 68	0	-0.06	2.12	0	0	0
72	SLU 69	0	-0.06	2.16	0	0	0
72	SLU 70	0	-0.06	2.16	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
72	SLU 71	0	-0.06	2.14	0	0	0
72	SLU 72	0	-0.06	2.14	0	0	0
72	SLU 73	0	-0.06	2.29	0	0	0
72	SLU 74	-0.01	-0.06	2.33	0	0	0
72	SLU 75	-0.01	-0.06	2.33	0	0	0
72	SLU 76	-0.01	-0.06	2.31	0	0	0
72	SLU 77	-0.01	-0.06	2.35	0	0	0
72	SLU 78	-0.01	-0.06	2.35	0	0	0
72	SLU 79	-0.01	-0.06	2.33	0	0	0
72	SLU 80	-0.01	-0.06	2.33	0	0	0
72	SLU 81	-0.01	-0.06	2.37	0	0	0
72	SLU 82	-0.01	-0.06	2.37	0	0	0
72	SLU 83	-0.01	-0.06	2.39	0	0	0
72	SLU 84	-0.01	-0.06	2.39	0	0	0
72	SLE RA 1	0	-0.05	1.58	0	0	0
72	SLE RA 2	0	-0.05	1.58	0	0	0
72	SLE RA 3	0	-0.05	1.6	0	0	0
72	SLE RA 4	0	-0.05	1.6	0	0	0
72	SLE RA 5	0	-0.05	1.59	0	0	0
72	SLE RA 6	0	-0.05	1.61	0	0	0
72	SLE RA 7	0	-0.05	1.61	0	0	0
72	SLE RA 8	0	-0.05	1.6	0	0	0
72	SLE RA 9	0	-0.05	1.6	0	0	0
72	SLE RA 10	0	-0.05	1.7	0	0	0
72	SLE RA 11	0	-0.05	1.73	0	0	0
72	SLE RA 12	0	-0.05	1.73	0	0	0
72	SLE RA 13	0	-0.05	1.72	0	0	0
72	SLE RA 14	0	-0.05	1.74	0	0	0
72	SLE RA 15	0	-0.05	1.74	0	0	0
72	SLE RA 16	0	-0.05	1.73	0	0	0
72	SLE RA 17	0	-0.05	1.73	0	0	0
72	SLE RA 18	0	-0.05	1.76	0	0	0
72	SLE RA 19	0	-0.05	1.76	0	0	0
72	SLE RA 20	-0.01	-0.05	1.77	0	0	0
72	SLE RA 21	-0.01	-0.05	1.77	0	0	0
72	SLE FR 1	0	-0.05	1.58	0	0	0
72	SLE FR 2	0	-0.05	1.58	0	0	0
72	SLE FR 3	0	-0.05	1.58	0	0	0
72	SLE FR 4	0	-0.05	1.63	0	0	0
72	SLE FR 5	0	-0.05	1.64	0	0	0
72	SLE FR 6	0	-0.05	1.67	0	0	0
72	SLE QP 1	0	-0.05	1.58	0	0	0
72	SLE QP 2	0	-0.05	1.63	0	0	0
72	SLD 1	0.11	-0.03	1.58	0	0	0
72	SLD 2	0.11	-0.03	1.58	0	0	0
72	SLD 3	0.1	-0.06	1.6	0	0	0
72	SLD 4	0.1	-0.06	1.6	0	0	0
72	SLD 5	0.04	0	1.59	0	0	0
72	SLD 6	0.04	0.01	1.59	0	0	0
72	SLD 7	0.02	-0.1	1.65	0	0	0
72	SLD 8	0.02	-0.1	1.65	0	0	0
72	SLD 9	-0.02	0	1.61	0	0	0
72	SLD 10	-0.02	0	1.61	0	0	0
72	SLD 11	-0.05	-0.1	1.68	0	0	0
72	SLD 12	-0.05	-0.1	1.68	0	0	0
72	SLD 13	-0.11	-0.04	1.67	0	0	0
72	SLD 14	-0.11	-0.03	1.66	0	0	0
72	SLD 15	-0.11	-0.07	1.68	0	0	0
72	SLD 16	-0.11	-0.06	1.68	0	0	0
72	SLV 1	0.26	-0.01	1.51	0	0	0
72	SLV 2	0.26	0	1.51	0	0	0
72	SLV 3	0.24	-0.08	1.55	0	0	0
72	SLV 4	0.24	-0.07	1.55	0	0	0
72	SLV 5	0.1	0.07	1.53	0	0	0
72	SLV 6	0.1	0.08	1.53	0	0	0
72	SLV 7	0.05	-0.17	1.67	0	0	0
72	SLV 8	0.05	-0.16	1.67	0	0	0
72	SLV 9	-0.05	0.06	1.59	0	0	0
72	SLV 10	-0.05	0.07	1.59	0	0	0
72	SLV 11	-0.1	-0.17	1.73	0	0	0
72	SLV 12	-0.1	-0.16	1.73	0	0	0
72	SLV 13	-0.25	-0.03	1.71	0	0	0
72	SLV 14	-0.25	-0.01	1.71	0	0	0
72	SLV 15	-0.26	-0.1	1.76	0	0	0
72	SLV 16	-0.26	-0.08	1.75	0	0	0
137	SLU 1	0	-0.08	3.01	0	0	0
137	SLU 2	0	-0.07	3.01	0	0	0
137	SLU 3	0	-0.08	3.08	0	0	0
137	SLU 4	0	-0.08	3.08	0	0	0
137	SLU 5	0	-0.07	3.06	0	0	0
137	SLU 6	0	-0.08	3.12	0	0	0
137	SLU 7	0	-0.08	3.12	0	0	0
137	SLU 8	0	-0.08	3.1	0	0	0
137	SLU 9	0	-0.08	3.1	0	0	0
137	SLU 10	0	-0.08	3.36	0	0	0
137	SLU 11	0	-0.08	3.42	0	0	0
137	SLU 12	0	-0.08	3.43	0	0	0
137	SLU 13	0	-0.08	3.41	0	0	0
137	SLU 14	0	-0.08	3.47	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
137	SLU 15	0	-0.08	3.47	0	0	0
137	SLU 16	0	-0.08	3.45	0	0	0
137	SLU 17	0	-0.08	3.45	0	0	0
137	SLU 18	0	-0.08	3.5	0	0	0
137	SLU 19	0	-0.08	3.51	0	0	0
137	SLU 20	0	-0.09	3.55	0	0	0
137	SLU 21	0	-0.08	3.55	0	0	0
137	SLU 22	0	-0.08	3.32	0	0	0
137	SLU 23	0	-0.08	3.32	0	0	0
137	SLU 24	0	-0.08	3.38	0	0	0
137	SLU 25	0	-0.08	3.39	0	0	0
137	SLU 26	0	-0.08	3.37	0	0	0
137	SLU 27	0	-0.08	3.43	0	0	0
137	SLU 28	0	-0.08	3.43	0	0	0
137	SLU 29	0	-0.08	3.41	0	0	0
137	SLU 30	0	-0.08	3.41	0	0	0
137	SLU 31	0	-0.08	3.67	0	0	0
137	SLU 32	0	-0.09	3.73	0	0	0
137	SLU 33	0	-0.08	3.73	0	0	0
137	SLU 34	0	-0.08	3.71	0	0	0
137	SLU 35	0	-0.09	3.78	0	0	0
137	SLU 36	0	-0.08	3.78	0	0	0
137	SLU 37	0	-0.09	3.75	0	0	0
137	SLU 38	0	-0.08	3.76	0	0	0
137	SLU 39	0	-0.09	3.81	0	0	0
137	SLU 40	0	-0.08	3.82	0	0	0
137	SLU 41	0	-0.09	3.86	0	0	0
137	SLU 42	0	-0.09	3.86	0	0	0
137	SLU 43	0	-0.1	3.8	0	0	0
137	SLU 44	0	-0.09	3.81	0	0	0
137	SLU 45	0	-0.1	3.87	0	0	0
137	SLU 46	0	-0.1	3.88	0	0	0
137	SLU 47	0	-0.1	3.85	0	0	0
137	SLU 48	0	-0.1	3.92	0	0	0
137	SLU 49	0	-0.1	3.92	0	0	0
137	SLU 50	0	-0.1	3.9	0	0	0
137	SLU 51	0	-0.1	3.9	0	0	0
137	SLU 52	0	-0.1	4.16	0	0	0
137	SLU 53	0	-0.11	4.22	0	0	0
137	SLU 54	0	-0.1	4.22	0	0	0
137	SLU 55	0	-0.1	4.2	0	0	0
137	SLU 56	0	-0.11	4.27	0	0	0
137	SLU 57	0	-0.1	4.27	0	0	0
137	SLU 58	0	-0.11	4.24	0	0	0
137	SLU 59	0	-0.1	4.25	0	0	0
137	SLU 60	0	-0.11	4.3	0	0	0
137	SLU 61	0	-0.1	4.3	0	0	0
137	SLU 62	0	-0.11	4.35	0	0	0
137	SLU 63	0	-0.1	4.35	0	0	0
137	SLU 64	0	-0.1	4.11	0	0	0
137	SLU 65	0	-0.1	4.12	0	0	0
137	SLU 66	0	-0.1	4.18	0	0	0
137	SLU 67	0	-0.1	4.18	0	0	0
137	SLU 68	0	-0.1	4.16	0	0	0
137	SLU 69	0	-0.1	4.23	0	0	0
137	SLU 70	0	-0.1	4.23	0	0	0
137	SLU 71	0	-0.1	4.2	0	0	0
137	SLU 72	0	-0.1	4.21	0	0	0
137	SLU 73	0	-0.1	4.46	0	0	0
137	SLU 74	0	-0.11	4.53	0	0	0
137	SLU 75	0	-0.11	4.53	0	0	0
137	SLU 76	0	-0.1	4.51	0	0	0
137	SLU 77	0	-0.11	4.57	0	0	0
137	SLU 78	0	-0.11	4.58	0	0	0
137	SLU 79	0	-0.11	4.55	0	0	0
137	SLU 80	0	-0.11	4.55	0	0	0
137	SLU 81	0	-0.11	4.61	0	0	0
137	SLU 82	0.01	-0.11	4.61	0	0	0
137	SLU 83	0	-0.11	4.66	0	0	0
137	SLU 84	0.01	-0.11	4.66	0	0	0
137	SLE RA 1	0	-0.08	3.1	0	0	0
137	SLE RA 2	0	-0.07	3.1	0	0	0
137	SLE RA 3	0	-0.08	3.14	0	0	0
137	SLE RA 4	0	-0.08	3.14	0	0	0
137	SLE RA 5	0	-0.08	3.13	0	0	0
137	SLE RA 6	0	-0.08	3.17	0	0	0
137	SLE RA 7	0	-0.08	3.17	0	0	0
137	SLE RA 8	0	-0.08	3.16	0	0	0
137	SLE RA 9	0	-0.08	3.16	0	0	0
137	SLE RA 10	0	-0.08	3.33	0	0	0
137	SLE RA 11	0	-0.08	3.37	0	0	0
137	SLE RA 12	0	-0.08	3.38	0	0	0
137	SLE RA 13	0	-0.08	3.36	0	0	0
137	SLE RA 14	0	-0.08	3.4	0	0	0
137	SLE RA 15	0	-0.08	3.41	0	0	0
137	SLE RA 16	0	-0.08	3.39	0	0	0
137	SLE RA 17	0	-0.08	3.39	0	0	0
137	SLE RA 18	0	-0.08	3.43	0	0	0
137	SLE RA 19	0	-0.08	3.43	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
137	SLE RA 20	0	-0.08	3.46	0	0	0
137	SLE RA 21	0	-0.08	3.46	0	0	0
137	SLE FR 1	0	-0.08	3.1	0	0	0
137	SLE FR 2	0	-0.08	3.1	0	0	0
137	SLE FR 3	0	-0.08	3.11	0	0	0
137	SLE FR 4	0	-0.08	3.2	0	0	0
137	SLE FR 5	0	-0.08	3.21	0	0	0
137	SLE FR 6	0	-0.08	3.26	0	0	0
137	SLE QP 1	0	-0.08	3.1	0	0	0
137	SLE QP 2	0	-0.08	3.19	0	0	0
137	SLD 1	0.25	-0.08	3.49	0	0	0
137	SLD 2	0.27	-0.1	3.47	0	0	0
137	SLD 3	0.25	-0.15	3.37	0	0	0
137	SLD 4	0.28	-0.16	3.35	0	0	0
137	SLD 5	0.07	0.02	3.47	0	0	0
137	SLD 6	0.08	0.01	3.46	0	0	0
137	SLD 7	0.07	-0.19	3.07	0	0	0
137	SLD 8	0.09	-0.2	3.06	0	0	0
137	SLD 9	-0.09	0.04	3.33	0	0	0
137	SLD 10	-0.07	0.03	3.32	0	0	0
137	SLD 11	-0.08	-0.17	2.93	0	0	0
137	SLD 12	-0.06	-0.17	2.92	0	0	0
137	SLD 13	-0.27	0	3.04	0	0	0
137	SLD 14	-0.25	-0.01	3.02	0	0	0
137	SLD 15	-0.27	-0.06	2.92	0	0	0
137	SLD 16	-0.24	-0.07	2.9	0	0	0
137	SLV 1	0.58	-0.09	3.88	0	0	0
137	SLV 2	0.64	-0.12	3.84	0	0	0
137	SLV 3	0.58	-0.23	3.61	0	0	0
137	SLV 4	0.64	-0.26	3.57	0	0	0
137	SLV 5	0.15	0.14	3.82	0	0	0
137	SLV 6	0.2	0.12	3.79	0	0	0
137	SLV 7	0.17	-0.33	2.92	0	0	0
137	SLV 8	0.21	-0.35	2.89	0	0	0
137	SLV 9	-0.21	0.19	3.5	0	0	0
137	SLV 10	-0.17	0.17	3.47	0	0	0
137	SLV 11	-0.19	-0.27	2.6	0	0	0
137	SLV 12	-0.15	-0.29	2.57	0	0	0
137	SLV 13	-0.64	0.1	2.82	0	0	0
137	SLV 14	-0.58	0.07	2.78	0	0	0
137	SLV 15	-0.63	-0.04	2.55	0	0	0
137	SLV 16	-0.57	-0.07	2.51	0	0	0
138	SLU 1	0	-0.14	6.11	0	0	0
138	SLU 2	0	-0.13	6.12	0	0	0
138	SLU 3	0	-0.14	6.25	0	0	0
138	SLU 4	0	-0.14	6.26	0	0	0
138	SLU 5	0	-0.13	6.21	0	0	0
138	SLU 6	0	-0.14	6.34	0	0	0
138	SLU 7	0	-0.14	6.35	0	0	0
138	SLU 8	0	-0.14	6.3	0	0	0
138	SLU 9	0	-0.14	6.3	0	0	0
138	SLU 10	0.01	-0.14	6.83	0	0	0
138	SLU 11	0.01	-0.15	6.96	0	0	0
138	SLU 12	0.01	-0.15	6.97	0	0	0
138	SLU 13	0.01	-0.14	6.92	0	0	0
138	SLU 14	0.01	-0.15	7.05	0	0	0
138	SLU 15	0.01	-0.15	7.06	0	0	0
138	SLU 16	0.01	-0.15	7.01	0	0	0
138	SLU 17	0.01	-0.15	7.01	0	0	0
138	SLU 18	0.01	-0.15	7.12	0	0	0
138	SLU 19	0.01	-0.15	7.13	0	0	0
138	SLU 20	0.01	-0.15	7.22	0	0	0
138	SLU 21	0.01	-0.15	7.22	0	0	0
138	SLU 22	0	-0.14	6.73	0	0	0
138	SLU 23	0	-0.14	6.75	0	0	0
138	SLU 24	0	-0.15	6.87	0	0	0
138	SLU 25	0	-0.14	6.88	0	0	0
138	SLU 26	0	-0.14	6.84	0	0	0
138	SLU 27	0	-0.15	6.97	0	0	0
138	SLU 28	0	-0.14	6.97	0	0	0
138	SLU 29	0	-0.15	6.92	0	0	0
138	SLU 30	0	-0.14	6.93	0	0	0
138	SLU 31	0.01	-0.14	7.45	0	0	0
138	SLU 32	0.01	-0.16	7.58	0	0	0
138	SLU 33	0.01	-0.15	7.59	0	0	0
138	SLU 34	0.01	-0.15	7.55	0	0	0
138	SLU 35	0.01	-0.16	7.68	0	0	0
138	SLU 36	0.01	-0.15	7.68	0	0	0
138	SLU 37	0.01	-0.16	7.63	0	0	0
138	SLU 38	0.01	-0.15	7.64	0	0	0
138	SLU 39	0.01	-0.16	7.75	0	0	0
138	SLU 40	0.01	-0.15	7.75	0	0	0
138	SLU 41	0.01	-0.16	7.84	0	0	0
138	SLU 42	0.01	-0.15	7.85	0	0	0
138	SLU 43	0	-0.18	7.73	0	0	0
138	SLU 44	0	-0.17	7.74	0	0	0
138	SLU 45	0	-0.18	7.87	0	0	0
138	SLU 46	0	-0.18	7.88	0	0	0
138	SLU 47	0	-0.17	7.83	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
138	SLU 48	0	-0.19	7.96	0	0	0
138	SLU 49	0	-0.18	7.97	0	0	0
138	SLU 50	0	-0.19	7.92	0	0	0
138	SLU 51	0	-0.18	7.92	0	0	0
138	SLU 52	0.01	-0.18	8.45	0	0	0
138	SLU 53	0.01	-0.19	8.58	0	0	0
138	SLU 54	0.01	-0.19	8.59	0	0	0
138	SLU 55	0.01	-0.18	8.54	0	0	0
138	SLU 56	0.01	-0.19	8.67	0	0	0
138	SLU 57	0.01	-0.19	8.68	0	0	0
138	SLU 58	0.01	-0.19	8.63	0	0	0
138	SLU 59	0.01	-0.19	8.63	0	0	0
138	SLU 60	0.01	-0.19	8.74	0	0	0
138	SLU 61	0.01	-0.19	8.75	0	0	0
138	SLU 62	0.01	-0.2	8.84	0	0	0
138	SLU 63	0.01	-0.19	8.84	0	0	0
138	SLU 64	0	-0.18	8.35	0	0	0
138	SLU 65	0.01	-0.18	8.37	0	0	0
138	SLU 66	0	-0.19	8.49	0	0	0
138	SLU 67	0	-0.18	8.5	0	0	0
138	SLU 68	0.01	-0.18	8.46	0	0	0
138	SLU 69	0	-0.19	8.59	0	0	0
138	SLU 70	0	-0.18	8.59	0	0	0
138	SLU 71	0	-0.19	8.54	0	0	0
138	SLU 72	0	-0.18	8.55	0	0	0
138	SLU 73	0.01	-0.18	9.07	0	0	0
138	SLU 74	0.01	-0.2	9.2	0	0	0
138	SLU 75	0.01	-0.19	9.21	0	0	0
138	SLU 76	0.01	-0.19	9.17	0	0	0
138	SLU 77	0.01	-0.2	9.3	0	0	0
138	SLU 78	0.01	-0.19	9.3	0	0	0
138	SLU 79	0.01	-0.2	9.25	0	0	0
138	SLU 80	0.01	-0.19	9.26	0	0	0
138	SLU 81	0.01	-0.2	9.37	0	0	0
138	SLU 82	0.01	-0.19	9.37	0	0	0
138	SLU 83	0.01	-0.2	9.46	0	0	0
138	SLU 84	0.01	-0.19	9.47	0	0	0
138	SLE RA 1	0	-0.14	6.29	0	0	0
138	SLE RA 2	0	-0.14	6.3	0	0	0
138	SLE RA 3	0	-0.14	6.38	0	0	0
138	SLE RA 4	0	-0.14	6.39	0	0	0
138	SLE RA 5	0	-0.14	6.36	0	0	0
138	SLE RA 6	0	-0.14	6.44	0	0	0
138	SLE RA 7	0	-0.14	6.45	0	0	0
138	SLE RA 8	0	-0.14	6.41	0	0	0
138	SLE RA 9	0	-0.14	6.42	0	0	0
138	SLE RA 10	0.01	-0.14	6.77	0	0	0
138	SLE RA 11	0.01	-0.15	6.86	0	0	0
138	SLE RA 12	0.01	-0.15	6.86	0	0	0
138	SLE RA 13	0.01	-0.14	6.83	0	0	0
138	SLE RA 14	0.01	-0.15	6.92	0	0	0
138	SLE RA 15	0.01	-0.15	6.92	0	0	0
138	SLE RA 16	0.01	-0.15	6.89	0	0	0
138	SLE RA 17	0.01	-0.15	6.89	0	0	0
138	SLE RA 18	0.01	-0.15	6.96	0	0	0
138	SLE RA 19	0.01	-0.15	6.97	0	0	0
138	SLE RA 20	0.01	-0.15	7.03	0	0	0
138	SLE RA 21	0.01	-0.15	7.03	0	0	0
138	SLE FR 1	0	-0.14	6.29	0	0	0
138	SLE FR 2	0	-0.14	6.29	0	0	0
138	SLE FR 3	0	-0.14	6.31	0	0	0
138	SLE FR 4	0	-0.14	6.49	0	0	0
138	SLE FR 5	0	-0.14	6.52	0	0	0
138	SLE FR 6	0	-0.15	6.63	0	0	0
138	SLE QP 1	0	-0.14	6.29	0	0	0
138	SLE QP 2	0	-0.14	6.49	0	0	0
138	SLD 1	0.51	-0.14	7.03	0	0	0
138	SLD 2	0.57	-0.17	7	0	0	0
138	SLD 3	0.51	-0.27	6.79	0	0	0
138	SLD 4	0.56	-0.29	6.76	0	0	0
138	SLD 5	0.15	0.06	7.03	0	0	0
138	SLD 6	0.19	0.04	7	0	0	0
138	SLD 7	0.14	-0.37	6.22	0	0	0
138	SLD 8	0.17	-0.39	6.2	0	0	0
138	SLD 9	-0.17	0.1	6.78	0	0	0
138	SLD 10	-0.13	0.08	6.76	0	0	0
138	SLD 11	-0.18	-0.33	5.98	0	0	0
138	SLD 12	-0.15	-0.34	5.96	0	0	0
138	SLD 13	-0.55	0.01	6.23	0	0	0
138	SLD 14	-0.5	-0.02	6.19	0	0	0
138	SLD 15	-0.56	-0.12	5.98	0	0	0
138	SLD 16	-0.5	-0.15	5.95	0	0	0
138	SLV 1	1.19	-0.14	7.75	0	0	0
138	SLV 2	1.32	-0.2	7.67	0	0	0
138	SLV 3	1.18	-0.43	7.21	0	0	0
138	SLV 4	1.31	-0.49	7.13	0	0	0
138	SLV 5	0.36	0.31	7.71	0	0	0
138	SLV 6	0.44	0.27	7.66	0	0	0
138	SLV 7	0.32	-0.66	5.89	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
138	SLV 8	0.4	-0.7	5.84	0	0	0
138	SLV 9	-0.39	0.41	7.14	0	0	0
138	SLV 10	-0.31	0.37	7.09	0	0	0
138	SLV 11	-0.43	-0.56	5.33	0	0	0
138	SLV 12	-0.35	-0.59	5.27	0	0	0
138	SLV 13	-1.3	0.2	5.86	0	0	0
138	SLV 14	-1.17	0.15	5.78	0	0	0
138	SLV 15	-1.31	-0.09	5.31	0	0	0
138	SLV 16	-1.18	-0.14	5.23	0	0	0
139	SLU 1	0	-0.12	6.01	0	0	0
139	SLU 2	0	-0.11	6.02	0	0	0
139	SLU 3	0	-0.12	6.15	0	0	0
139	SLU 4	0	-0.12	6.15	0	0	0
139	SLU 5	0	-0.12	6.11	0	0	0
139	SLU 6	0	-0.13	6.24	0	0	0
139	SLU 7	0	-0.12	6.24	0	0	0
139	SLU 8	0	-0.13	6.19	0	0	0
139	SLU 9	0	-0.12	6.2	0	0	0
139	SLU 10	0.01	-0.12	6.72	0	0	0
139	SLU 11	0.01	-0.13	6.85	0	0	0
139	SLU 12	0.01	-0.13	6.85	0	0	0
139	SLU 13	0.01	-0.12	6.81	0	0	0
139	SLU 14	0.01	-0.13	6.94	0	0	0
139	SLU 15	0.01	-0.13	6.94	0	0	0
139	SLU 16	0.01	-0.13	6.89	0	0	0
139	SLU 17	0.01	-0.13	6.9	0	0	0
139	SLU 18	0.01	-0.13	7.01	0	0	0
139	SLU 19	0.01	-0.13	7.01	0	0	0
139	SLU 20	0.01	-0.13	7.1	0	0	0
139	SLU 21	0.01	-0.13	7.11	0	0	0
139	SLU 22	0	-0.13	6.62	0	0	0
139	SLU 23	0	-0.12	6.63	0	0	0
139	SLU 24	0	-0.13	6.76	0	0	0
139	SLU 25	0	-0.12	6.76	0	0	0
139	SLU 26	0	-0.12	6.72	0	0	0
139	SLU 27	0	-0.13	6.85	0	0	0
139	SLU 28	0	-0.12	6.86	0	0	0
139	SLU 29	0	-0.13	6.8	0	0	0
139	SLU 30	0	-0.12	6.81	0	0	0
139	SLU 31	0.01	-0.12	7.33	0	0	0
139	SLU 32	0.01	-0.13	7.46	0	0	0
139	SLU 33	0.01	-0.13	7.46	0	0	0
139	SLU 34	0.01	-0.13	7.42	0	0	0
139	SLU 35	0.01	-0.14	7.55	0	0	0
139	SLU 36	0.01	-0.13	7.55	0	0	0
139	SLU 37	0.01	-0.14	7.5	0	0	0
139	SLU 38	0.01	-0.13	7.51	0	0	0
139	SLU 39	0.01	-0.13	7.62	0	0	0
139	SLU 40	0.01	-0.13	7.63	0	0	0
139	SLU 41	0.01	-0.14	7.71	0	0	0
139	SLU 42	0.01	-0.13	7.72	0	0	0
139	SLU 43	0	-0.16	7.6	0	0	0
139	SLU 44	0	-0.15	7.61	0	0	0
139	SLU 45	0	-0.16	7.74	0	0	0
139	SLU 46	0	-0.16	7.75	0	0	0
139	SLU 47	0	-0.15	7.71	0	0	0
139	SLU 48	0	-0.16	7.83	0	0	0
139	SLU 49	0	-0.16	7.84	0	0	0
139	SLU 50	0	-0.16	7.79	0	0	0
139	SLU 51	0	-0.16	7.79	0	0	0
139	SLU 52	0.01	-0.16	8.31	0	0	0
139	SLU 53	0.01	-0.17	8.44	0	0	0
139	SLU 54	0.01	-0.16	8.45	0	0	0
139	SLU 55	0.01	-0.16	8.4	0	0	0
139	SLU 56	0.01	-0.17	8.53	0	0	0
139	SLU 57	0.01	-0.16	8.54	0	0	0
139	SLU 58	0.01	-0.17	8.48	0	0	0
139	SLU 59	0.01	-0.16	8.49	0	0	0
139	SLU 60	0.01	-0.17	8.6	0	0	0
139	SLU 61	0.01	-0.16	8.61	0	0	0
139	SLU 62	0.01	-0.17	8.69	0	0	0
139	SLU 63	0.01	-0.17	8.7	0	0	0
139	SLU 64	0	-0.16	8.21	0	0	0
139	SLU 65	0	-0.15	8.23	0	0	0
139	SLU 66	0	-0.16	8.35	0	0	0
139	SLU 67	0	-0.16	8.36	0	0	0
139	SLU 68	0	-0.15	8.32	0	0	0
139	SLU 69	0	-0.16	8.44	0	0	0
139	SLU 70	0	-0.16	8.45	0	0	0
139	SLU 71	0	-0.16	8.4	0	0	0
139	SLU 72	0	-0.16	8.4	0	0	0
139	SLU 73	0.01	-0.16	8.92	0	0	0
139	SLU 74	0.01	-0.17	9.05	0	0	0
139	SLU 75	0.01	-0.17	9.06	0	0	0
139	SLU 76	0.01	-0.16	9.02	0	0	0
139	SLU 77	0.01	-0.17	9.14	0	0	0
139	SLU 78	0.01	-0.17	9.15	0	0	0
139	SLU 79	0.01	-0.17	9.1	0	0	0
139	SLU 80	0.01	-0.17	9.1	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
139	SLU 81	0.01	-0.17	9.21	0	0	0
139	SLU 82	0.01	-0.17	9.22	0	0	0
139	SLU 83	0.01	-0.17	9.3	0	0	0
139	SLU 84	0.01	-0.17	9.31	0	0	0
139	SLE RA 1	0	-0.12	6.18	0	0	0
139	SLE RA 2	0	-0.12	6.19	0	0	0
139	SLE RA 3	0	-0.12	6.28	0	0	0
139	SLE RA 4	0	-0.12	6.28	0	0	0
139	SLE RA 5	0	-0.12	6.25	0	0	0
139	SLE RA 6	0	-0.13	6.34	0	0	0
139	SLE RA 7	0	-0.12	6.34	0	0	0
139	SLE RA 8	0	-0.13	6.31	0	0	0
139	SLE RA 9	0	-0.12	6.31	0	0	0
139	SLE RA 10	0.01	-0.12	6.66	0	0	0
139	SLE RA 11	0.01	-0.13	6.74	0	0	0
139	SLE RA 12	0.01	-0.13	6.75	0	0	0
139	SLE RA 13	0.01	-0.12	6.72	0	0	0
139	SLE RA 14	0.01	-0.13	6.8	0	0	0
139	SLE RA 15	0.01	-0.13	6.81	0	0	0
139	SLE RA 16	0	-0.13	6.77	0	0	0
139	SLE RA 17	0.01	-0.13	6.78	0	0	0
139	SLE RA 18	0.01	-0.13	6.85	0	0	0
139	SLE RA 19	0.01	-0.13	6.85	0	0	0
139	SLE RA 20	0.01	-0.13	6.91	0	0	0
139	SLE RA 21	0.01	-0.13	6.91	0	0	0
139	SLE FR 1	0	-0.12	6.18	0	0	0
139	SLE FR 2	0	-0.12	6.19	0	0	0
139	SLE FR 3	0	-0.12	6.21	0	0	0
139	SLE FR 4	0	-0.12	6.39	0	0	0
139	SLE FR 5	0	-0.13	6.41	0	0	0
139	SLE FR 6	0	-0.13	6.52	0	0	0
139	SLE QP 1	0	-0.12	6.18	0	0	0
139	SLE QP 2	0	-0.13	6.38	0	0	0
139	SLD 1	0.51	-0.11	6.86	0	0	0
139	SLD 2	0.56	-0.14	6.82	0	0	0
139	SLD 3	0.5	-0.24	6.62	0	0	0
139	SLD 4	0.56	-0.26	6.59	0	0	0
139	SLD 5	0.15	0.08	6.89	0	0	0
139	SLD 6	0.19	0.06	6.87	0	0	0
139	SLD 7	0.14	-0.35	6.1	0	0	0
139	SLD 8	0.17	-0.36	6.08	0	0	0
139	SLD 9	-0.16	0.11	6.68	0	0	0
139	SLD 10	-0.13	0.1	6.66	0	0	0
139	SLD 11	-0.18	-0.31	5.9	0	0	0
139	SLD 12	-0.14	-0.33	5.88	0	0	0
139	SLD 13	-0.55	0.01	6.18	0	0	0
139	SLD 14	-0.49	-0.01	6.15	0	0	0
139	SLD 15	-0.55	-0.12	5.94	0	0	0
139	SLD 16	-0.5	-0.14	5.91	0	0	0
139	SLV 1	1.18	-0.1	7.48	0	0	0
139	SLV 2	1.31	-0.15	7.4	0	0	0
139	SLV 3	1.17	-0.39	6.95	0	0	0
139	SLV 4	1.3	-0.44	6.87	0	0	0
139	SLV 5	0.35	0.33	7.53	0	0	0
139	SLV 6	0.43	0.3	7.48	0	0	0
139	SLV 7	0.31	-0.64	5.76	0	0	0
139	SLV 8	0.4	-0.67	5.71	0	0	0
139	SLV 9	-0.39	0.42	7.06	0	0	0
139	SLV 10	-0.31	0.38	7.01	0	0	0
139	SLV 11	-0.43	-0.55	5.28	0	0	0
139	SLV 12	-0.34	-0.58	5.24	0	0	0
139	SLV 13	-1.29	0.19	5.9	0	0	0
139	SLV 14	-1.16	0.14	5.82	0	0	0
139	SLV 15	-1.3	-0.1	5.36	0	0	0
139	SLV 16	-1.17	-0.15	5.29	0	0	0
140	SLU 1	0	-0.11	5.78	0	0.2895	0.0053
140	SLU 2	0	-0.1	5.79	0	0.2901	0.005
140	SLU 3	0	-0.11	5.91	0	0.2961	0.0054
140	SLU 4	0	-0.1	5.92	0	0.2965	0.0052
140	SLU 5	0	-0.1	5.88	0	0.2945	0.005
140	SLU 6	0	-0.11	6	0	0.3005	0.0055
140	SLU 7	0	-0.1	6.01	0	0.3009	0.0053
140	SLU 8	0	-0.11	5.96	0	0.2983	0.0055
140	SLU 9	0	-0.11	5.96	0	0.2987	0.0053
140	SLU 10	0.01	-0.1	6.47	0	0.3239	0.0052
140	SLU 11	0.01	-0.11	6.59	0	0.3299	0.0057
140	SLU 12	0.01	-0.11	6.6	0	0.3302	0.0054
140	SLU 13	0.01	-0.11	6.56	0	0.3283	0.0053
140	SLU 14	0.01	-0.11	6.68	0	0.3343	0.0057
140	SLU 15	0.01	-0.11	6.68	0	0.3346	0.0055
140	SLU 16	0.01	-0.11	6.63	0	0.3321	0.0058
140	SLU 17	0.01	-0.11	6.64	0	0.3324	0.0055
140	SLU 18	0.01	-0.11	6.74	0	0.3377	0.0057
140	SLU 19	0.01	-0.11	6.75	0	0.3381	0.0055
140	SLU 20	0.01	-0.12	6.83	0	0.3421	0.0058
140	SLU 21	0.01	-0.11	6.84	0	0.3425	0.0056
140	SLU 22	0	-0.11	6.37	0	0.3189	0.0053
140	SLU 23	0	-0.1	6.38	0	0.3195	0.005
140	SLU 24	0	-0.11	6.5	0	0.3255	0.0054



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
140	SLU 25	0	-0.1	6.51	0	0.3259	0.0052
140	SLU 26	0	-0.1	6.47	0	0.3239	0.0051
140	SLU 27	0	-0.11	6.59	0	0.3299	0.0055
140	SLU 28	0	-0.11	6.6	0	0.3303	0.0053
140	SLU 29	0	-0.11	6.55	0	0.3277	0.0055
140	SLU 30	0	-0.11	6.55	0	0.3281	0.0053
140	SLU 31	0.01	-0.1	7.06	0	0.3533	0.0052
140	SLU 32	0.01	-0.11	7.18	0	0.3593	0.0057
140	SLU 33	0.01	-0.11	7.18	0	0.3596	0.0055
140	SLU 34	0.01	-0.11	7.14	0	0.3577	0.0053
140	SLU 35	0.01	-0.12	7.26	0	0.3637	0.0058
140	SLU 36	0.01	-0.11	7.27	0	0.3641	0.0055
140	SLU 37	0.01	-0.12	7.22	0	0.3615	0.0058
140	SLU 38	0.01	-0.11	7.23	0	0.3618	0.0056
140	SLU 39	0.01	-0.11	7.33	0	0.3671	0.0057
140	SLU 40	0.01	-0.11	7.34	0	0.3675	0.0055
140	SLU 41	0.01	-0.12	7.42	0	0.3716	0.0058
140	SLU 42	0.01	-0.11	7.43	0	0.3719	0.0056
140	SLU 43	0	-0.14	7.31	0	0.3663	0.0069
140	SLU 44	0	-0.13	7.33	0	0.3669	0.0066
140	SLU 45	0	-0.14	7.45	0	0.3729	0.007
140	SLU 46	0	-0.14	7.45	0	0.3732	0.0068
140	SLU 47	0	-0.13	7.41	0	0.3713	0.0066
140	SLU 48	0	-0.14	7.53	0	0.3773	0.0071
140	SLU 49	0	-0.14	7.54	0	0.3776	0.0068
140	SLU 50	0	-0.14	7.49	0	0.3751	0.0071
140	SLU 51	0	-0.14	7.5	0	0.3754	0.0069
140	SLU 52	0.01	-0.14	8	0	0.4006	0.0068
140	SLU 53	0.01	-0.14	8.12	0	0.4067	0.0073
140	SLU 54	0.01	-0.14	8.13	0	0.407	0.007
140	SLU 55	0.01	-0.14	8.09	0	0.405	0.0069
140	SLU 56	0.01	-0.15	8.21	0	0.4111	0.0073
140	SLU 57	0.01	-0.14	8.22	0	0.4114	0.0071
140	SLU 58	0.01	-0.15	8.17	0	0.4089	0.0073
140	SLU 59	0.01	-0.14	8.17	0	0.4092	0.0071
140	SLU 60	0.01	-0.15	8.28	0	0.4145	0.0073
140	SLU 61	0.01	-0.14	8.29	0	0.4149	0.0071
140	SLU 62	0.01	-0.15	8.37	0	0.4189	0.0074
140	SLU 63	0.01	-0.14	8.37	0	0.4193	0.0072
140	SLU 64	0	-0.14	7.9	0	0.3957	0.0069
140	SLU 65	0	-0.13	7.91	0	0.3963	0.0066
140	SLU 66	0	-0.14	8.03	0	0.4023	0.007
140	SLU 67	0	-0.14	8.04	0	0.4027	0.0068
140	SLU 68	0	-0.13	8	0	0.4007	0.0066
140	SLU 69	0	-0.14	8.12	0	0.4067	0.0071
140	SLU 70	0	-0.14	8.13	0	0.4071	0.0069
140	SLU 71	0	-0.14	8.08	0	0.4045	0.0071
140	SLU 72	0	-0.14	8.09	0	0.4049	0.0069
140	SLU 73	0.01	-0.14	8.59	0	0.43	0.0068
140	SLU 74	0.01	-0.15	8.71	0	0.4361	0.0073
140	SLU 75	0.01	-0.14	8.72	0	0.4364	0.0071
140	SLU 76	0.01	-0.14	8.68	0	0.4344	0.0069
140	SLU 77	0.01	-0.15	8.8	0	0.4405	0.0074
140	SLU 78	0.01	-0.14	8.8	0	0.4408	0.0071
140	SLU 79	0.01	-0.15	8.75	0	0.4383	0.0074
140	SLU 80	0.01	-0.14	8.76	0	0.4386	0.0071
140	SLU 81	0.01	-0.15	8.87	0	0.4439	0.0073
140	SLU 82	0.01	-0.14	8.87	0	0.4443	0.0071
140	SLU 83	0.01	-0.15	8.95	0	0.4483	0.0074
140	SLU 84	0.01	-0.14	8.96	0	0.4487	0.0072
140	SLE RA 1	0	-0.11	5.95	0	0.2979	0.0053
140	SLE RA 2	0	-0.1	5.96	0	0.2983	0.0051
140	SLE RA 3	0	-0.11	6.04	0	0.3023	0.0054
140	SLE RA 4	0	-0.1	6.04	0	0.3026	0.0052
140	SLE RA 5	0	-0.1	6.02	0	0.3012	0.0051
140	SLE RA 6	0	-0.11	6.1	0	0.3053	0.0054
140	SLE RA 7	0	-0.11	6.1	0	0.3055	0.0053
140	SLE RA 8	0	-0.11	6.07	0	0.3038	0.0054
140	SLE RA 9	0	-0.11	6.07	0	0.304	0.0053
140	SLE RA 10	0.01	-0.11	6.41	0	0.3208	0.0053
140	SLE RA 11	0	-0.11	6.49	0	0.3248	0.0056
140	SLE RA 12	0.01	-0.11	6.49	0	0.3251	0.0054
140	SLE RA 13	0.01	-0.11	6.47	0	0.3237	0.0053
140	SLE RA 14	0	-0.11	6.55	0	0.3278	0.0056
140	SLE RA 15	0.01	-0.11	6.55	0	0.328	0.0055
140	SLE RA 16	0	-0.11	6.52	0	0.3263	0.0056
140	SLE RA 17	0.01	-0.11	6.52	0	0.3265	0.0055
140	SLE RA 18	0.01	-0.11	6.59	0	0.3301	0.0056
140	SLE RA 19	0.01	-0.11	6.6	0	0.3303	0.0054
140	SLE RA 20	0.01	-0.11	6.65	0	0.333	0.0056
140	SLE RA 21	0.01	-0.11	6.66	0	0.3332	0.0055
140	SLE FR 1	0	-0.11	5.95	0	0.2979	0.0053
140	SLE FR 2	0	-0.11	5.95	0	0.298	0.0053
140	SLE FR 3	0	-0.11	5.97	0	0.2991	0.0054
140	SLE FR 4	0	-0.11	6.14	0	0.3076	0.0054
140	SLE FR 5	0	-0.11	6.17	0	0.3087	0.0054
140	SLE FR 6	0	-0.11	6.27	0	0.314	0.0055
140	SLE QP 1	0	-0.11	5.95	0	0.2979	0.0053
140	SLE QP 2	0	-0.11	6.14	0	0.3076	0.0054



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
140	SLD 1	0.49	-0.09	6.54	0	0.3277	0.0044
140	SLD 2	0.54	-0.11	6.52	0	0.3262	0.0054
140	SLD 3	0.48	-0.21	6.32	0	0.3165	0.0107
140	SLD 4	0.54	-0.23	6.29	0	0.315	0.0116
140	SLD 5	0.15	0.09	6.61	0	0.3309	-0.0045
140	SLD 6	0.18	0.08	6.59	0	0.33	-0.0039
140	SLD 7	0.13	-0.32	5.86	0	0.2934	0.0163
140	SLD 8	0.17	-0.34	5.84	0	0.2925	0.0169
140	SLD 9	-0.16	0.12	6.44	0	0.3227	-0.0061
140	SLD 10	-0.12	0.11	6.42	0	0.3217	-0.0054
140	SLD 11	-0.18	-0.29	5.69	0	0.2852	0.0147
140	SLD 12	-0.14	-0.31	5.68	0	0.2842	0.0153
140	SLD 13	-0.53	0.02	5.99	0	0.3001	-0.0008
140	SLD 14	-0.48	0	5.96	0	0.2987	0.0002
140	SLD 15	-0.54	-0.11	5.77	0	0.2889	0.0054
140	SLD 16	-0.48	-0.13	5.74	0	0.2874	0.0064
140	SLV 1	1.14	-0.07	7.08	0	0.3543	0.0034
140	SLV 2	1.26	-0.11	7.01	0	0.3509	0.0057
140	SLV 3	1.13	-0.35	6.57	0	0.3288	0.0175
140	SLV 4	1.25	-0.39	6.5	0	0.3254	0.0198
140	SLV 5	0.34	0.34	7.21	0	0.3608	-0.017
140	SLV 6	0.42	0.31	7.16	0	0.3586	-0.0155
140	SLV 7	0.3	-0.6	5.51	0	0.2759	0.03
140	SLV 8	0.38	-0.63	5.47	0	0.2737	0.0315
140	SLV 9	-0.38	0.41	6.82	0	0.3414	-0.0207
140	SLV 10	-0.3	0.38	6.77	0	0.3392	-0.0192
140	SLV 11	-0.41	-0.53	5.12	0	0.2565	0.0263
140	SLV 12	-0.33	-0.56	5.08	0	0.2543	0.0278
140	SLV 13	-1.25	0.18	5.79	0	0.2897	-0.0089
140	SLV 14	-1.12	0.13	5.72	0	0.2863	-0.0067
140	SLV 15	-1.26	-0.1	5.28	0	0.2642	0.0052
140	SLV 16	-1.13	-0.15	5.21	0	0.2608	0.0074
140	CRTFP Ux+	0	0	0	0	0	0
140	CRTFP Ux-	0	0	0	0	0	0
141	SLU 1	0	-0.1	6.01	0	0.4014	0.0065
141	SLU 2	0	-0.09	6.02	0	0.4022	0.006
141	SLU 3	0	-0.1	6.15	0	0.4106	0.0065
141	SLU 4	0	-0.09	6.16	0	0.4111	0.0063
141	SLU 5	0	-0.09	6.12	0	0.4084	0.0061
141	SLU 6	0	-0.1	6.24	0	0.4167	0.0066
141	SLU 7	0	-0.1	6.25	0	0.4172	0.0064
141	SLU 8	0	-0.1	6.2	0	0.4136	0.0067
141	SLU 9	0	-0.1	6.2	0	0.4141	0.0064
141	SLU 10	0.01	-0.09	6.73	0	0.4492	0.0063
141	SLU 11	0.01	-0.1	6.85	0	0.4576	0.0068
141	SLU 12	0.01	-0.1	6.86	0	0.4581	0.0065
141	SLU 13	0.01	-0.1	6.82	0	0.4554	0.0064
141	SLU 14	0.01	-0.1	6.95	0	0.4637	0.0069
141	SLU 15	0.01	-0.1	6.95	0	0.4642	0.0066
141	SLU 16	0.01	-0.1	6.9	0	0.4606	0.0069
141	SLU 17	0.01	-0.1	6.91	0	0.4611	0.0067
141	SLU 18	0.01	-0.1	7.02	0	0.4685	0.0069
141	SLU 19	0.01	-0.1	7.03	0	0.469	0.0066
141	SLU 20	0.01	-0.1	7.11	0	0.4746	0.007
141	SLU 21	0.01	-0.1	7.12	0	0.4752	0.0067
141	SLU 22	0	-0.1	6.62	0	0.4421	0.0064
141	SLU 23	0	-0.09	6.64	0	0.443	0.0059
141	SLU 24	0	-0.1	6.76	0	0.4513	0.0064
141	SLU 25	0	-0.09	6.77	0	0.4518	0.0062
141	SLU 26	0	-0.09	6.73	0	0.4491	0.006
141	SLU 27	0	-0.1	6.85	0	0.4574	0.0065
141	SLU 28	0	-0.09	6.86	0	0.458	0.0063
141	SLU 29	0	-0.1	6.81	0	0.4544	0.0066
141	SLU 30	0	-0.09	6.81	0	0.4549	0.0063
141	SLU 31	0.01	-0.09	7.34	0	0.49	0.0062
141	SLU 32	0.01	-0.1	7.46	0	0.4983	0.0067
141	SLU 33	0.01	-0.1	7.47	0	0.4988	0.0064
141	SLU 34	0.01	-0.09	7.43	0	0.4961	0.0063
141	SLU 35	0.01	-0.1	7.56	0	0.5044	0.0068
141	SLU 36	0.01	-0.1	7.56	0	0.505	0.0065
141	SLU 37	0.01	-0.1	7.51	0	0.5014	0.0068
141	SLU 38	0.01	-0.1	7.52	0	0.5019	0.0066
141	SLU 39	0.01	-0.1	7.63	0	0.5093	0.0068
141	SLU 40	0.01	-0.1	7.64	0	0.5098	0.0065
141	SLU 41	0.01	-0.1	7.72	0	0.5154	0.0069
141	SLU 42	0.01	-0.1	7.73	0	0.5159	0.0066
141	SLU 43	0	-0.13	7.61	0	0.5078	0.0084
141	SLU 44	0	-0.12	7.62	0	0.5087	0.008
141	SLU 45	0	-0.13	7.74	0	0.517	0.0085
141	SLU 46	0	-0.12	7.75	0	0.5175	0.0082
141	SLU 47	0	-0.12	7.71	0	0.5148	0.0081
141	SLU 48	0	-0.13	7.84	0	0.5231	0.0086
141	SLU 49	0	-0.12	7.84	0	0.5236	0.0083
141	SLU 50	0	-0.13	7.79	0	0.5201	0.0086
141	SLU 51	0	-0.13	7.8	0	0.5206	0.0084
141	SLU 52	0.01	-0.12	8.32	0	0.5557	0.0082
141	SLU 53	0.01	-0.13	8.45	0	0.564	0.0088
141	SLU 54	0.01	-0.13	8.46	0	0.5645	0.0085
141	SLU 55	0.01	-0.12	8.41	0	0.5618	0.0083



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
141	SLU 56	0.01	-0.13	8.54	0	0.5701	0.0089
141	SLU 57	0.01	-0.13	8.55	0	0.5707	0.0086
141	SLU 58	0.01	-0.13	8.49	0	0.5671	0.0089
141	SLU 59	0.01	-0.13	8.5	0	0.5676	0.0086
141	SLU 60	0.01	-0.13	8.61	0	0.5749	0.0088
141	SLU 61	0.01	-0.13	8.62	0	0.5755	0.0086
141	SLU 62	0.01	-0.13	8.7	0	0.5811	0.0089
141	SLU 63	0.01	-0.13	8.71	0	0.5816	0.0087
141	SLU 64	0	-0.13	8.22	0	0.5485	0.0083
141	SLU 65	0	-0.12	8.23	0	0.5494	0.0079
141	SLU 66	0	-0.13	8.35	0	0.5577	0.0084
141	SLU 67	0	-0.12	8.36	0	0.5583	0.0081
141	SLU 68	0	-0.12	8.32	0	0.5556	0.008
141	SLU 69	0	-0.13	8.45	0	0.5639	0.0085
141	SLU 70	0	-0.12	8.45	0	0.5644	0.0082
141	SLU 71	0	-0.13	8.4	0	0.5608	0.0085
141	SLU 72	0	-0.12	8.41	0	0.5613	0.0083
141	SLU 73	0.01	-0.12	8.93	0	0.5964	0.0082
141	SLU 74	0.01	-0.13	9.06	-0.0001	0.6047	0.0087
141	SLU 75	0.01	-0.13	9.07	-0.0001	0.6053	0.0084
141	SLU 76	0.01	-0.12	9.03	0	0.6026	0.0082
141	SLU 77	0.01	-0.13	9.15	-0.0001	0.6109	0.0088
141	SLU 78	0.01	-0.13	9.16	-0.0001	0.6114	0.0085
141	SLU 79	0.01	-0.13	9.1	-0.0001	0.6078	0.0088
141	SLU 80	0.01	-0.13	9.11	-0.0001	0.6083	0.0085
141	SLU 81	0.01	-0.13	9.22	-0.0001	0.6157	0.0087
141	SLU 82	0.01	-0.13	9.23	-0.0001	0.6162	0.0085
141	SLU 83	0.01	-0.13	9.31	-0.0001	0.6218	0.0088
141	SLU 84	0.01	-0.13	9.32	-0.0001	0.6224	0.0086
141	SLE RA 1	0	-0.1	6.19	0	0.413	0.0064
141	SLE RA 2	0	-0.09	6.19	0	0.4136	0.0061
141	SLE RA 3	0	-0.1	6.28	0	0.4191	0.0065
141	SLE RA 4	0	-0.09	6.28	0	0.4195	0.0063
141	SLE RA 5	0	-0.09	6.26	0	0.4177	0.0062
141	SLE RA 6	0	-0.1	6.34	0	0.4232	0.0066
141	SLE RA 7	0	-0.1	6.34	0	0.4236	0.0064
141	SLE RA 8	0	-0.1	6.31	0	0.4212	0.0066
141	SLE RA 9	0	-0.1	6.31	0	0.4215	0.0064
141	SLE RA 10	0.01	-0.09	6.66	0	0.4449	0.0063
141	SLE RA 11	0.01	-0.1	6.75	0	0.4505	0.0067
141	SLE RA 12	0.01	-0.1	6.75	0	0.4508	0.0065
141	SLE RA 13	0.01	-0.1	6.73	0	0.4449	0.0064
141	SLE RA 14	0.01	-0.1	6.81	0	0.4546	0.0067
141	SLE RA 15	0.01	-0.1	6.81	0	0.4549	0.0065
141	SLE RA 16	0.01	-0.1	6.78	0	0.4525	0.0068
141	SLE RA 17	0.01	-0.1	6.78	0	0.4529	0.0066
141	SLE RA 18	0.01	-0.1	6.86	0	0.4578	0.0067
141	SLE RA 19	0.01	-0.1	6.86	0	0.4581	0.0065
141	SLE RA 20	0.01	-0.1	6.92	0	0.4619	0.0068
141	SLE RA 21	0.01	-0.1	6.92	0	0.4622	0.0066
141	SLE FR 1	0	-0.1	6.19	0	0.413	0.0064
141	SLE FR 2	0	-0.1	6.19	0	0.4131	0.0064
141	SLE FR 3	0	-0.1	6.21	0	0.4146	0.0065
141	SLE FR 4	0	-0.1	6.39	0	0.4265	0.0065
141	SLE FR 5	0	-0.1	6.41	0	0.4281	0.0065
141	SLE FR 6	0	-0.1	6.52	0	0.4354	0.0066
141	SLE QP 1	0	-0.1	6.19	0	0.413	0.0064
141	SLE QP 2	0	-0.1	6.39	0	0.4264	0.0065
141	SLD 1	0.51	-0.07	6.75	0	0.4504	0.0046
141	SLD 2	0.57	-0.09	6.72	0	0.4485	0.0058
141	SLD 3	0.51	-0.2	6.51	0	0.4349	0.0133
141	SLD 4	0.56	-0.22	6.49	0	0.433	0.0145
141	SLD 5	0.15	0.11	6.85	0	0.4575	-0.0075
141	SLD 6	0.19	0.1	6.83	0	0.4562	-0.0067
141	SLD 7	0.14	-0.32	6.08	0	0.4058	0.0216
141	SLD 8	0.17	-0.34	6.06	0	0.4046	0.0224
141	SLD 9	-0.17	0.14	6.71	0	0.4483	-0.0093
141	SLD 10	-0.13	0.13	6.7	0	0.4471	-0.0085
141	SLD 11	-0.18	-0.3	5.94	0	0.3966	0.0197
141	SLD 12	-0.15	-0.31	5.92	0	0.3954	0.0205
141	SLD 13	-0.55	0.02	6.29	0	0.4198	-0.0015
141	SLD 14	-0.5	0	6.26	0	0.4179	-0.0003
141	SLD 15	-0.56	-0.11	6.06	0	0.4044	0.0072
141	SLD 16	-0.5	-0.13	6.03	0	0.4024	0.0084
141	SLV 1	1.19	-0.04	7.22	0	0.482	0.0024
141	SLV 2	1.32	-0.08	7.15	0	0.4775	0.0052
141	SLV 3	1.18	-0.33	6.69	0	0.4469	0.0221
141	SLV 4	1.31	-0.37	6.63	0	0.4425	0.025
141	SLV 5	0.35	0.38	7.45	0	0.4971	-0.0252
141	SLV 6	0.44	0.35	7.4	0	0.4942	-0.0234
141	SLV 7	0.32	-0.61	5.69	0	0.3801	0.0407
141	SLV 8	0.4	-0.64	5.65	0	0.3773	0.0425
141	SLV 9	-0.39	0.44	7.12	0	0.4756	-0.0295
141	SLV 10	-0.31	0.41	7.08	0	0.4727	-0.0277
141	SLV 11	-0.43	-0.55	5.37	0	0.3587	0.0364
141	SLV 12	-0.35	-0.57	5.33	0	0.3558	0.0383
141	SLV 13	-1.3	0.18	6.15	0	0.4104	-0.0119
141	SLV 14	-1.17	0.14	6.08	0	0.406	-0.0091
141	SLV 15	-1.31	-0.12	5.62	0	0.3753	0.0079



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
141	SLV 16	-1.18	-0.16	5.56	0	0.3709	0.0107
141	CRTFP Ux+	0	0	0	0	0	0
141	CRTFP Ux-	0	0	0	0	0	0
141	CRTFP Uy+	0	0	0	0	0	0
141	CRTFP Uy-	0	0	0	0	0	0
142	SLU 1	0	-0.08	6.02	0	0.5028	0.007
142	SLU 2	0	-0.08	6.04	0	0.504	0.0064
142	SLU 3	0	-0.08	6.16	0	0.5143	0.007
142	SLU 4	0	-0.08	6.17	0	0.515	0.0067
142	SLU 5	0	-0.08	6.13	0	0.5117	0.0065
142	SLU 6	0	-0.09	6.26	0	0.522	0.0071
142	SLU 7	0	-0.08	6.26	0	0.5227	0.0068
142	SLU 8	0	-0.09	6.21	0	0.5182	0.0072
142	SLU 9	0	-0.08	6.22	0	0.5189	0.0068
142	SLU 10	0.01	-0.08	6.75	0	0.5631	0.0066
142	SLU 11	0.01	-0.09	6.87	0	0.5735	0.0072
142	SLU 12	0.01	-0.08	6.88	0	0.5742	0.0069
142	SLU 13	0.01	-0.08	6.84	0	0.5709	0.0067
142	SLU 14	0.01	-0.09	6.96	0	0.5812	0.0073
142	SLU 15	0.01	-0.08	6.97	0	0.5819	0.007
142	SLU 16	0.01	-0.09	6.92	0	0.5774	0.0074
142	SLU 17	0.01	-0.08	6.93	0	0.5781	0.0071
142	SLU 18	0.01	-0.09	7.04	0	0.5873	0.0073
142	SLU 19	0.01	-0.08	7.05	0	0.588	0.007
142	SLU 20	0.01	-0.09	7.13	0	0.595	0.0074
142	SLU 21	0.01	-0.08	7.14	0	0.5957	0.0071
142	SLU 22	0	-0.08	6.64	0	0.5538	0.0067
142	SLU 23	0	-0.07	6.65	0	0.555	0.0061
142	SLU 24	0	-0.08	6.77	0	0.5654	0.0067
142	SLU 25	0	-0.08	6.78	0	0.5661	0.0064
142	SLU 26	0	-0.07	6.74	0	0.5627	0.0063
142	SLU 27	0	-0.08	6.87	0	0.5731	0.0069
142	SLU 28	0	-0.08	6.88	0	0.5738	0.0065
142	SLU 29	0	-0.08	6.82	0	0.5692	0.0069
142	SLU 30	0	-0.08	6.83	0	0.57	0.0066
142	SLU 31	0.01	-0.08	7.36	0	0.6142	0.0064
142	SLU 32	0.01	-0.08	7.48	0	0.6246	0.007
142	SLU 33	0.01	-0.08	7.49	0	0.6253	0.0066
142	SLU 34	0.01	-0.08	7.45	0	0.6219	0.0065
142	SLU 35	0.01	-0.08	7.58	0	0.6323	0.0071
142	SLU 36	0.01	-0.08	7.59	0	0.633	0.0067
142	SLU 37	0.01	-0.09	7.53	0	0.6284	0.0071
142	SLU 38	0.01	-0.08	7.54	0	0.6291	0.0068
142	SLU 39	0.01	-0.08	7.65	0	0.6384	0.007
142	SLU 40	0.01	-0.08	7.66	0	0.6391	0.0067
142	SLU 41	0.01	-0.09	7.74	0	0.6461	0.0071
142	SLU 42	0.01	-0.08	7.75	0	0.6468	0.0068
142	SLU 43	0	-0.11	7.62	0	0.6361	0.0091
142	SLU 44	0	-0.1	7.64	0	0.6373	0.0086
142	SLU 45	0	-0.11	7.76	0	0.6477	0.0092
142	SLU 46	0	-0.11	7.77	0	0.6484	0.0089
142	SLU 47	0	-0.1	7.73	0	0.645	0.0087
142	SLU 48	0	-0.11	7.85	0	0.6554	0.0093
142	SLU 49	0	-0.11	7.86	0	0.6561	0.009
142	SLU 50	0	-0.11	7.81	0	0.6515	0.0094
142	SLU 51	0	-0.11	7.82	0	0.6522	0.009
142	SLU 52	0.01	-0.11	8.35	0	0.6965	0.0088
142	SLU 53	0.01	-0.11	8.47	0	0.7069	0.0094
142	SLU 54	0.01	-0.11	8.48	0	0.7076	0.0091
142	SLU 55	0.01	-0.11	8.44	0	0.7042	0.0089
142	SLU 56	0.01	-0.11	8.56	0	0.7146	0.0095
142	SLU 57	0.01	-0.11	8.57	0	0.7153	0.0092
142	SLU 58	0.01	-0.11	8.52	0	0.7107	0.0096
142	SLU 59	0.01	-0.11	8.52	0	0.7114	0.0092
142	SLU 60	0.01	-0.11	8.64	0	0.7207	0.0095
142	SLU 61	0.01	-0.11	8.64	0	0.7214	0.0091
142	SLU 62	0.01	-0.11	8.73	0	0.7284	0.0096
142	SLU 63	0.01	-0.11	8.74	0	0.7291	0.0092
142	SLU 64	0	-0.11	8.23	0	0.6872	0.0089
142	SLU 65	0.01	-0.1	8.25	0	0.6883	0.0083
142	SLU 66	0	-0.11	8.37	0	0.6987	0.0089
142	SLU 67	0	-0.1	8.38	0	0.6994	0.0086
142	SLU 68	0.01	-0.1	8.34	0	0.696	0.0084
142	SLU 69	0	-0.11	8.46	0	0.7064	0.009
142	SLU 70	0	-0.1	8.47	0	0.7071	0.0087
142	SLU 71	0	-0.11	8.42	0	0.7026	0.0091
142	SLU 72	0	-0.1	8.43	0	0.7033	0.0088
142	SLU 73	0.01	-0.1	8.96	0	0.7475	0.0086
142	SLU 74	0.01	-0.11	9.08	-0.0001	0.7579	0.0091
142	SLU 75	0.01	-0.11	9.09	-0.0001	0.7586	0.0088
142	SLU 76	0.01	-0.1	9.05	-0.0001	0.7552	0.0087
142	SLU 77	0.01	-0.11	9.17	-0.0001	0.7656	0.0093
142	SLU 78	0.01	-0.11	9.18	-0.0001	0.7663	0.0089
142	SLU 79	0.01	-0.11	9.13	-0.0001	0.7618	0.0093
142	SLU 80	0.01	-0.11	9.14	-0.0001	0.7625	0.009
142	SLU 81	0.01	-0.11	9.25	-0.0001	0.7717	0.0092
142	SLU 82	0.01	-0.11	9.26	-0.0001	0.7724	0.0089
142	SLU 83	0.01	-0.11	9.34	-0.0001	0.7794	0.0093
142	SLU 84	0.01	-0.11	9.35	-0.0001	0.7801	0.009



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
142	SLE RA 1	0	-0.08	6.2	0	0.5174	0.0069
142	SLE RA 2	0	-0.08	6.21	0	0.5182	0.0065
142	SLE RA 3	0	-0.08	6.29	0	0.5251	0.0069
142	SLE RA 4	0	-0.08	6.3	0	0.5255	0.0067
142	SLE RA 5	0	-0.08	6.27	0	0.5233	0.0066
142	SLE RA 6	0	-0.08	6.35	0	0.5302	0.007
142	SLE RA 7	0	-0.08	6.36	0	0.5307	0.0068
142	SLE RA 8	0	-0.08	6.32	0	0.5276	0.007
142	SLE RA 9	0	-0.08	6.33	0	0.5281	0.0068
142	SLE RA 10	0.01	-0.08	6.68	0	0.5576	0.0067
142	SLE RA 11	0.01	-0.08	6.76	0	0.5645	0.0071
142	SLE RA 12	0.01	-0.08	6.77	0	0.565	0.0069
142	SLE RA 13	0.01	-0.08	6.74	0	0.5627	0.0067
142	SLE RA 14	0.01	-0.09	6.83	0	0.5697	0.0071
142	SLE RA 15	0.01	-0.08	6.83	0	0.5701	0.0069
142	SLE RA 16	0.01	-0.09	6.8	0	0.5671	0.0072
142	SLE RA 17	0.01	-0.08	6.8	0	0.5676	0.007
142	SLE RA 18	0.01	-0.09	6.87	0	0.5737	0.0071
142	SLE RA 19	0.01	-0.08	6.88	0	0.5742	0.0069
142	SLE RA 20	0.01	-0.09	6.94	0	0.5789	0.0072
142	SLE RA 21	0.01	-0.08	6.94	0	0.5793	0.0069
142	SLE FR 1	0	-0.08	6.2	0	0.5174	0.0069
142	SLE FR 2	0	-0.08	6.2	0	0.5175	0.0068
142	SLE FR 3	0	-0.08	6.22	0	0.5194	0.0069
142	SLE FR 4	0	-0.08	6.4	0	0.5344	0.0069
142	SLE FR 5	0	-0.08	6.43	0	0.5363	0.007
142	SLE FR 6	0	-0.08	6.54	0	0.5456	0.007
142	SLE QP 1	0	-0.08	6.2	0	0.5174	0.0069
142	SLE QP 2	0	-0.08	6.4	0	0.5343	0.0069
142	SLD 1	0.51	-0.05	6.7	0	0.5595	0.0038
142	SLD 2	0.57	-0.06	6.68	0	0.5573	0.0052
142	SLD 3	0.51	-0.18	6.47	0	0.5402	0.0148
142	SLD 4	0.56	-0.19	6.45	0	0.5379	0.0162
142	SLD 5	0.15	0.13	6.85	0	0.5715	-0.0109
142	SLD 6	0.19	0.12	6.83	0	0.5701	-0.0101
142	SLD 7	0.14	-0.31	6.08	0	0.5071	0.0258
142	SLD 8	0.17	-0.32	6.06	0	0.5057	0.0267
142	SLD 9	-0.17	0.15	6.74	0	0.5629	-0.0128
142	SLD 10	-0.13	0.14	6.73	0	0.5614	-0.0119
142	SLD 11	-0.18	-0.29	5.97	0	0.4985	0.024
142	SLD 12	-0.15	-0.3	5.96	0	0.497	0.0248
142	SLD 13	-0.56	0.03	6.36	0	0.5306	-0.0023
142	SLD 14	-0.5	0.01	6.33	0	0.5284	-0.0009
142	SLD 15	-0.56	-0.1	6.13	0	0.5113	0.0087
142	SLD 16	-0.5	-0.12	6.1	0	0.5091	0.0101
142	SLV 1	1.19	0	7.1	0	0.5925	0
142	SLV 2	1.32	-0.04	7.04	0	0.5873	0.0032
142	SLV 3	1.18	-0.3	6.58	0	0.5488	0.025
142	SLV 4	1.31	-0.34	6.51	0	0.5436	0.0282
142	SLV 5	0.36	0.4	7.42	0	0.619	-0.0336
142	SLV 6	0.44	0.38	7.38	0	0.6156	-0.0315
142	SLV 7	0.32	-0.6	5.67	0	0.4732	0.0497
142	SLV 8	0.4	-0.62	5.63	0	0.4699	0.0517
142	SLV 9	-0.39	0.45	7.17	0	0.5987	-0.0378
142	SLV 10	-0.31	0.43	7.13	0	0.5954	-0.0358
142	SLV 11	-0.43	-0.54	5.43	0	0.4529	0.0454
142	SLV 12	-0.35	-0.57	5.39	0	0.4496	0.0475
142	SLV 13	-1.31	0.17	6.29	0	0.5249	-0.0143
142	SLV 14	-1.18	0.13	6.23	0	0.5198	-0.0111
142	SLV 15	-1.32	-0.13	5.77	0	0.4812	0.0107
142	SLV 16	-1.19	-0.17	5.7	0	0.476	0.0139
142	CRTFP Ux+	0	0	0	0	0	0
142	CRTFP Ux-	0	0	0	0	0	0
142	CRTFP Uy+	0	0	0	0	0	0
142	CRTFP Uy-	0	0	0	0	0	0
143	SLU 1	0	-0.07	6.04	0	0.6047	0.007
143	SLU 2	0	-0.06	6.05	0	0.6062	0.0064
143	SLU 3	0	-0.07	6.18	0	0.6186	0.007
143	SLU 4	0	-0.07	6.19	0	0.6196	0.0066
143	SLU 5	0	-0.06	6.15	0	0.6155	0.0065
143	SLU 6	0	-0.07	6.27	0	0.6279	0.0071
143	SLU 7	0	-0.07	6.28	0	0.6289	0.0067
143	SLU 8	0	-0.07	6.22	0	0.6233	0.0072
143	SLU 9	0	-0.07	6.23	0	0.6242	0.0068
143	SLU 10	0.01	-0.06	6.77	0	0.6778	0.0065
143	SLU 11	0.01	-0.07	6.89	0	0.6903	0.0071
143	SLU 12	0.01	-0.07	6.9	0	0.6912	0.0068
143	SLU 13	0.01	-0.07	6.86	0	0.6871	0.0066
143	SLU 14	0.01	-0.07	6.99	0	0.6996	0.0072
143	SLU 15	0.01	-0.07	6.99	0	0.7005	0.0069
143	SLU 16	0.01	-0.07	6.94	0	0.6949	0.0073
143	SLU 17	0.01	-0.07	6.95	0	0.6958	0.0069
143	SLU 18	0.01	-0.07	7.06	0	0.707	0.0071
143	SLU 19	0.01	-0.07	7.07	0	0.7079	0.0068
143	SLU 20	0.01	-0.07	7.15	0	0.7163	0.0072
143	SLU 21	0.01	-0.07	7.16	0	0.7172	0.0069
143	SLU 22	0	-0.06	6.65	0	0.6662	0.0065
143	SLU 23	0.01	-0.06	6.67	0	0.6677	0.0059
143	SLU 24	0	-0.06	6.79	0	0.6801	0.0065



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
143	SLU 25	0	-0.06	6.8	0	0.681	0.0061
143	SLU 26	0.01	-0.06	6.76	0	0.677	0.006
143	SLU 27	0	-0.07	6.88	0	0.6894	0.0066
143	SLU 28	0	-0.06	6.89	0	0.6903	0.0062
143	SLU 29	0	-0.07	6.84	0	0.6848	0.0067
143	SLU 30	0	-0.06	6.85	0	0.6857	0.0063
143	SLU 31	0.01	-0.06	7.38	0	0.7393	0.006
143	SLU 32	0.01	-0.07	7.51	0	0.7518	0.0066
143	SLU 33	0.01	-0.06	7.52	0	0.7527	0.0062
143	SLU 34	0.01	-0.06	7.48	0	0.7486	0.0061
143	SLU 35	0.01	-0.07	7.6	0	0.7611	0.0067
143	SLU 36	0.01	-0.06	7.61	0	0.762	0.0064
143	SLU 37	0.01	-0.07	7.55	0	0.7564	0.0068
143	SLU 38	0.01	-0.06	7.56	0	0.7573	0.0064
143	SLU 39	0.01	-0.07	7.67	0	0.7685	0.0066
143	SLU 40	0.01	-0.06	7.68	0	0.7694	0.0063
143	SLU 41	0.01	-0.07	7.77	0	0.7778	0.0067
143	SLU 42	0.01	-0.06	7.78	0	0.7787	0.0064
143	SLU 43	0	-0.09	7.64	0	0.765	0.0092
143	SLU 44	0	-0.09	7.65	0	0.7665	0.0086
143	SLU 45	0	-0.09	7.78	0	0.779	0.0093
143	SLU 46	0	-0.09	7.79	0	0.7799	0.0089
143	SLU 47	0	-0.09	7.75	0	0.7758	0.0087
143	SLU 48	0	-0.09	7.87	0	0.7883	0.0094
143	SLU 49	0	-0.09	7.88	0	0.7892	0.009
143	SLU 50	0	-0.09	7.82	0	0.7836	0.0094
143	SLU 51	0	-0.09	7.83	0	0.7845	0.0091
143	SLU 52	0.01	-0.09	8.37	0	0.8381	0.0088
143	SLU 53	0.01	-0.09	8.49	0	0.8506	0.0094
143	SLU 54	0.01	-0.09	8.5	0	0.8515	0.009
143	SLU 55	0.01	-0.09	8.46	0	0.8474	0.0089
143	SLU 56	0.01	-0.09	8.59	0	0.8599	0.0095
143	SLU 57	0.01	-0.09	8.6	0	0.8608	0.0091
143	SLU 58	0.01	-0.1	8.54	0	0.8552	0.0096
143	SLU 59	0.01	-0.09	8.55	0	0.8561	0.0092
143	SLU 60	0.01	-0.09	8.66	0	0.8673	0.0094
143	SLU 61	0.01	-0.09	8.67	0	0.8682	0.009
143	SLU 62	0.01	-0.09	8.75	0	0.8766	0.0095
143	SLU 63	0.01	-0.09	8.76	0	0.8775	0.0092
143	SLU 64	0	-0.09	8.25	0	0.8265	0.0087
143	SLU 65	0.01	-0.08	8.27	0	0.828	0.0081
143	SLU 66	0	-0.09	8.39	0	0.8405	0.0087
143	SLU 67	0.01	-0.08	8.4	0	0.8414	0.0084
143	SLU 68	0.01	-0.08	8.36	0	0.8373	0.0082
143	SLU 69	0	-0.09	8.49	0	0.8498	0.0089
143	SLU 70	0.01	-0.08	8.49	0	0.8507	0.0085
143	SLU 71	0	-0.09	8.44	0	0.8451	0.0089
143	SLU 72	0	-0.09	8.45	0	0.846	0.0086
143	SLU 73	0.01	-0.08	8.98	0	0.8996	0.0082
143	SLU 74	0.01	-0.09	9.11	-0.0001	0.9121	0.0089
143	SLU 75	0.01	-0.08	9.12	-0.0001	0.913	0.0085
143	SLU 76	0.01	-0.08	9.08	-0.0001	0.9089	0.0084
143	SLU 77	0.01	-0.09	9.2	-0.0001	0.9214	0.009
143	SLU 78	0.01	-0.09	9.21	-0.0001	0.9223	0.0086
143	SLU 79	0.01	-0.09	9.15	-0.0001	0.9167	0.0091
143	SLU 80	0.01	-0.09	9.16	-0.0001	0.9176	0.0087
143	SLU 81	0.01	-0.09	9.27	-0.0001	0.9288	0.0089
143	SLU 82	0.01	-0.09	9.28	-0.0001	0.9297	0.0085
143	SLU 83	0.01	-0.09	9.37	-0.0001	0.9381	0.009
143	SLU 84	0.01	-0.09	9.38	-0.0001	0.939	0.0086
143	SLE RA 1	0	-0.07	6.21	0	0.6222	0.0068
143	SLE RA 2	0	-0.06	6.22	0	0.6233	0.0064
143	SLE RA 3	0	-0.07	6.31	0	0.6316	0.0068
143	SLE RA 4	0	-0.07	6.31	0	0.6322	0.0066
143	SLE RA 5	0	-0.06	6.29	0	0.6295	0.0065
143	SLE RA 6	0	-0.07	6.37	0	0.6378	0.0069
143	SLE RA 7	0	-0.07	6.37	0	0.6384	0.0067
143	SLE RA 8	0	-0.07	6.34	0	0.6347	0.007
143	SLE RA 9	0	-0.07	6.34	0	0.6353	0.0067
143	SLE RA 10	0.01	-0.06	6.7	0	0.671	0.0065
143	SLE RA 11	0.01	-0.07	6.78	0	0.6793	0.0069
143	SLE RA 12	0.01	-0.07	6.79	0	0.6799	0.0067
143	SLE RA 13	0.01	-0.07	6.76	0	0.6772	0.0066
143	SLE RA 14	0.01	-0.07	6.85	0	0.6855	0.007
143	SLE RA 15	0.01	-0.07	6.85	0	0.6861	0.0067
143	SLE RA 16	0.01	-0.07	6.81	0	0.6824	0.007
143	SLE RA 17	0.01	-0.07	6.82	0	0.683	0.0068
143	SLE RA 18	0.01	-0.07	6.89	0	0.6905	0.0069
143	SLE RA 19	0.01	-0.07	6.9	0	0.6911	0.0067
143	SLE RA 20	0.01	-0.07	6.96	0	0.6967	0.007
143	SLE RA 21	0.01	-0.07	6.96	0	0.6973	0.0068
143	SLE FR 1	0	-0.07	6.21	0	0.6222	0.0068
143	SLE FR 2	0	-0.07	6.22	0	0.6224	0.0067
143	SLE FR 3	0	-0.07	6.24	0	0.6247	0.0068
143	SLE FR 4	0	-0.07	6.42	0	0.6429	0.0068
143	SLE FR 5	0	-0.07	6.44	0	0.6452	0.0069
143	SLE FR 6	0	-0.07	6.55	0	0.6564	0.0069
143	SLE QP 1	0	-0.07	6.21	0	0.6222	0.0068
143	SLE QP 2	0	-0.07	6.42	0	0.6427	0.0069



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
143	SLD 1	0.51	-0.02	6.66	0	0.6674	0.0022
143	SLD 2	0.57	-0.04	6.64	0	0.6649	0.0036
143	SLD 3	0.51	-0.15	6.43	0	0.6442	0.0155
143	SLD 4	0.56	-0.17	6.41	0	0.6418	0.0169
143	SLD 5	0.15	0.15	6.85	0	0.6857	-0.015
143	SLD 6	0.19	0.14	6.83	0	0.684	-0.0141
143	SLD 7	0.14	-0.29	6.08	0	0.6085	0.0294
143	SLD 8	0.17	-0.3	6.06	0	0.6069	0.0304
143	SLD 9	-0.17	0.17	6.78	0	0.6786	-0.0167
143	SLD 10	-0.13	0.16	6.76	0	0.6769	-0.0157
143	SLD 11	-0.18	-0.28	6	0	0.6014	0.0278
143	SLD 12	-0.15	-0.29	5.99	0	0.5997	0.0288
143	SLD 13	-0.56	0.03	6.43	0	0.6437	-0.0032
143	SLD 14	-0.5	0.02	6.4	0	0.6412	-0.0018
143	SLD 15	-0.56	-0.1	6.2	0	0.6205	0.0101
143	SLD 16	-0.51	-0.12	6.17	0	0.618	0.0116
143	SLV 1	1.2	0.04	6.99	0	0.6996	-0.0036
143	SLV 2	1.33	0	6.93	0	0.6938	-0.0003
143	SLV 3	1.18	-0.27	6.46	0	0.6472	0.0266
143	SLV 4	1.31	-0.3	6.4	0	0.6414	0.0299
143	SLV 5	0.36	0.43	7.39	0	0.7403	-0.0427
143	SLV 6	0.44	0.41	7.35	0	0.7366	-0.0406
143	SLV 7	0.32	-0.58	5.65	0	0.5655	0.0581
143	SLV 8	0.4	-0.6	5.61	0	0.5618	0.0602
143	SLV 9	-0.39	0.46	7.23	0	0.7236	-0.0465
143	SLV 10	-0.31	0.44	7.19	0	0.7199	-0.0444
143	SLV 11	-0.43	-0.54	5.48	0	0.5489	0.0543
143	SLV 12	-0.35	-0.56	5.44	0	0.5451	0.0564
143	SLV 13	-1.31	0.16	6.43	0	0.644	-0.0162
143	SLV 14	-1.18	0.13	6.37	0	0.6382	-0.0129
143	SLV 15	-1.32	-0.14	5.91	0	0.5916	0.014
143	SLV 16	-1.19	-0.17	5.85	0	0.5858	0.0174
143	CRTFP Ux+	0	0	0	0	0	0
143	CRTFP Ux-	0	0	0	0	0	0
143	CRTFP Uy+	0	0	0	0	0	0
143	CRTFP Uy-	0	0	0	0	0	0
144	SLU 1	0	-0.06	6.05	0	0.7071	0.0066
144	SLU 2	0	-0.05	6.07	0	0.7089	0.0059
144	SLU 3	0	-0.06	6.19	0	0.7235	0.0065
144	SLU 4	0	-0.05	6.2	0	0.7246	0.0062
144	SLU 5	0	-0.05	6.16	0	0.7199	0.006
144	SLU 6	0	-0.06	6.29	0	0.7344	0.0066
144	SLU 7	0	-0.05	6.3	0	0.7355	0.0063
144	SLU 8	0	-0.06	6.24	0	0.7289	0.0068
144	SLU 9	0	-0.05	6.25	0	0.73	0.0064
144	SLU 10	0.01	-0.05	6.79	0	0.7933	0.0059
144	SLU 11	0.01	-0.06	6.91	0	0.8078	0.0065
144	SLU 12	0.01	-0.05	6.92	0	0.8089	0.0061
144	SLU 13	0.01	-0.05	6.88	0	0.8042	0.006
144	SLU 14	0.01	-0.06	7.01	0	0.8187	0.0066
144	SLU 15	0.01	-0.05	7.02	0	0.8199	0.0062
144	SLU 16	0.01	-0.06	6.96	0	0.8132	0.0067
144	SLU 17	0.01	-0.05	6.97	0	0.8144	0.0063
144	SLU 18	0.01	-0.06	7.08	0	0.8275	0.0065
144	SLU 19	0.01	-0.05	7.09	0	0.8287	0.0061
144	SLU 20	0.01	-0.06	7.18	0	0.8385	0.0066
144	SLU 21	0.01	-0.05	7.19	0	0.8396	0.0062
144	SLU 22	0	-0.05	6.67	0	0.7791	0.0058
144	SLU 23	0	-0.04	6.68	0	0.781	0.0051
144	SLU 24	0	-0.05	6.81	0	0.7955	0.0057
144	SLU 25	0	-0.05	6.82	0	0.7967	0.0054
144	SLU 26	0	-0.04	6.78	0	0.7919	0.0052
144	SLU 27	0	-0.05	6.9	0	0.8065	0.0058
144	SLU 28	0	-0.05	6.91	0	0.8076	0.0055
144	SLU 29	0	-0.05	6.86	0	0.801	0.006
144	SLU 30	0	-0.05	6.87	0	0.8021	0.0056
144	SLU 31	0.01	-0.04	7.41	0	0.8653	0.0051
144	SLU 32	0.01	-0.05	7.53	0	0.8799	0.0057
144	SLU 33	0.01	-0.05	7.54	0	0.881	0.0053
144	SLU 34	0.01	-0.04	7.5	0	0.8763	0.0052
144	SLU 35	0.01	-0.05	7.62	0	0.8908	0.0058
144	SLU 36	0.01	-0.05	7.63	0	0.8919	0.0054
144	SLU 37	0.01	-0.05	7.58	0	0.8853	0.0059
144	SLU 38	0.01	-0.05	7.59	0	0.8864	0.0055
144	SLU 39	0.01	-0.05	7.7	0	0.8996	0.0057
144	SLU 40	0.01	-0.05	7.71	0	0.9007	0.0053
144	SLU 41	0.01	-0.05	7.79	0	0.9105	0.0058
144	SLU 42	0.01	-0.05	7.8	0	0.9116	0.0054
144	SLU 43	0	-0.08	7.66	0	0.8945	0.0088
144	SLU 44	0	-0.07	7.67	0	0.8964	0.0082
144	SLU 45	0	-0.08	7.8	0	0.9109	0.0088
144	SLU 46	0	-0.07	7.81	0	0.912	0.0084
144	SLU 47	0	-0.07	7.77	0	0.9073	0.0083
144	SLU 48	0	-0.08	7.89	0	0.9218	0.0089
144	SLU 49	0	-0.07	7.9	0	0.923	0.0085
144	SLU 50	0	-0.08	7.84	0	0.9163	0.009
144	SLU 51	0	-0.07	7.85	0	0.9175	0.0086
144	SLU 52	0.01	-0.07	8.39	0	0.9807	0.0081
144	SLU 53	0.01	-0.07	8.52	0	0.9952	0.0087



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
144	SLU 54	0.01	-0.07	8.53	0	0.9963	0.0084
144	SLU 55	0.01	-0.07	8.49	0	0.9916	0.0082
144	SLU 56	0.01	-0.08	8.61	0	1.0061	0.0088
144	SLU 57	0.01	-0.07	8.62	0	1.0073	0.0085
144	SLU 58	0.01	-0.08	8.56	0	1.0007	0.009
144	SLU 59	0.01	-0.07	8.57	0	1.0018	0.0086
144	SLU 60	0.01	-0.07	8.69	0	1.0149	0.0087
144	SLU 61	0.01	-0.07	8.7	0	1.0161	0.0084
144	SLU 62	0.01	-0.08	8.78	0	1.0259	0.0088
144	SLU 63	0.01	-0.07	8.79	0	1.027	0.0085
144	SLU 64	0	-0.07	8.27	0	0.9665	0.008
144	SLU 65	0.01	-0.06	8.29	0	0.9684	0.0074
144	SLU 66	0	-0.07	8.41	0	0.9829	0.008
144	SLU 67	0	-0.07	8.42	0	0.9841	0.0076
144	SLU 68	0	-0.06	8.38	0	0.9793	0.0075
144	SLU 69	0	-0.07	8.51	0	0.9939	0.0081
144	SLU 70	0	-0.07	8.52	0	0.995	0.0077
144	SLU 71	0	-0.07	8.46	0	0.9884	0.0082
144	SLU 72	0	-0.07	8.47	0	0.9895	0.0078
144	SLU 73	0.01	-0.06	9.01	0	1.0527	0.0073
144	SLU 74	0.01	-0.07	9.13	-0.0001	1.0673	0.0079
144	SLU 75	0.01	-0.06	9.14	-0.0001	1.0684	0.0076
144	SLU 76	0.01	-0.06	9.1	-0.0001	1.0637	0.0074
144	SLU 77	0.01	-0.07	9.23	-0.0001	1.0782	0.008
144	SLU 78	0.01	-0.07	9.24	-0.0001	1.0793	0.0077
144	SLU 79	0.01	-0.07	9.18	-0.0001	1.0727	0.0082
144	SLU 80	0.01	-0.07	9.19	-0.0001	1.0738	0.0078
144	SLU 81	0.01	-0.07	9.3	-0.0001	1.087	0.0079
144	SLU 82	0.01	-0.06	9.31	-0.0001	1.0881	0.0076
144	SLU 83	0.01	-0.07	9.4	-0.0001	1.0979	0.008
144	SLU 84	0.01	-0.07	9.41	-0.0001	1.0991	0.0077
144	SLE RA 1	0	-0.05	6.23	0	0.7276	0.0063
144	SLE RA 2	0	-0.05	6.24	0	0.7289	0.0059
144	SLE RA 3	0	-0.05	6.32	0	0.7386	0.0063
144	SLE RA 4	0	-0.05	6.33	0	0.7393	0.0061
144	SLE RA 5	0	-0.05	6.3	0	0.7362	0.006
144	SLE RA 6	0	-0.05	6.38	0	0.7459	0.0064
144	SLE RA 7	0	-0.05	6.39	0	0.7466	0.0061
144	SLE RA 8	0	-0.06	6.35	0	0.7422	0.0065
144	SLE RA 9	0	-0.05	6.36	0	0.743	0.0062
144	SLE RA 10	0.01	-0.05	6.72	0	0.7851	0.0059
144	SLE RA 11	0.01	-0.05	6.8	0	0.7948	0.0063
144	SLE RA 12	0.01	-0.05	6.81	0	0.7956	0.006
144	SLE RA 13	0.01	-0.05	6.78	0	0.7924	0.006
144	SLE RA 14	0.01	-0.05	6.87	0	0.8021	0.0064
144	SLE RA 15	0.01	-0.05	6.87	0	0.8028	0.0061
144	SLE RA 16	0.01	-0.06	6.83	0	0.7984	0.0064
144	SLE RA 17	0.01	-0.05	6.84	0	0.7992	0.0062
144	SLE RA 18	0.01	-0.05	6.92	0	0.808	0.0063
144	SLE RA 19	0.01	-0.05	6.92	0	0.8087	0.006
144	SLE RA 20	0.01	-0.05	6.98	0	0.8152	0.0064
144	SLE RA 21	0.01	-0.05	6.98	0	0.816	0.0061
144	SLE FR 1	0	-0.05	6.23	0	0.7276	0.0063
144	SLE FR 2	0	-0.05	6.23	0	0.7279	0.0062
144	SLE FR 3	0	-0.05	6.25	0	0.7306	0.0064
144	SLE FR 4	0	-0.05	6.44	0	0.752	0.0062
144	SLE FR 5	0	-0.05	6.46	0	0.7547	0.0063
144	SLE FR 6	0	-0.05	6.57	0	0.7678	0.0063
144	SLE QP 1	0	-0.05	6.23	0	0.7276	0.0063
144	SLE QP 2	0	-0.05	6.43	0	0.7517	0.0063
144	SLD 1	0.51	0	6.63	0	0.7744	-0.0002
144	SLD 2	0.57	-0.01	6.61	0	0.7718	0.0012
144	SLD 3	0.51	-0.13	6.4	0	0.7474	0.0155
144	SLD 4	0.56	-0.14	6.37	0	0.7448	0.0169
144	SLD 5	0.15	0.17	6.85	0	0.8	-0.0197
144	SLD 6	0.19	0.16	6.83	0	0.7983	-0.0187
144	SLD 7	0.14	-0.28	6.08	0	0.7099	0.0326
144	SLD 8	0.17	-0.29	6.06	0	0.7082	0.0335
144	SLD 9	-0.17	0.18	6.81	0	0.7953	-0.0209
144	SLD 10	-0.13	0.17	6.79	0	0.7935	-0.02
144	SLD 11	-0.18	-0.27	6.04	0	0.7052	0.0314
144	SLD 12	-0.15	-0.28	6.02	0	0.7035	0.0323
144	SLD 13	-0.56	0.04	6.49	0	0.7587	-0.0043
144	SLD 14	-0.5	0.02	6.47	0	0.7561	-0.0029
144	SLD 15	-0.56	-0.1	6.26	0	0.7317	0.0114
144	SLD 16	-0.51	-0.11	6.24	0	0.729	0.0128
144	SLV 1	1.2	0.07	6.88	0	0.8039	-0.0083
144	SLV 2	1.33	0.04	6.83	0	0.7977	-0.005
144	SLV 3	1.18	-0.23	6.36	0	0.7427	0.0272
144	SLV 4	1.31	-0.26	6.3	0	0.7366	0.0305
144	SLV 5	0.36	0.45	7.37	0	0.8612	-0.0525
144	SLV 6	0.44	0.43	7.34	0	0.8573	-0.0504
144	SLV 7	0.32	-0.56	5.63	0	0.6573	0.0659
144	SLV 8	0.4	-0.58	5.59	0	0.6533	0.068
144	SLV 9	-0.39	0.47	7.28	0	0.8501	-0.0554
144	SLV 10	-0.31	0.46	7.24	0	0.8462	-0.0533
144	SLV 11	-0.43	-0.54	5.53	0	0.6462	0.063
144	SLV 12	-0.35	-0.56	5.5	0	0.6422	0.0652
144	SLV 13	-1.31	0.15	6.56	0	0.7669	-0.0179



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
144	SLV 14	-1.18	0.12	6.51	0	0.7608	-0.0146
144	SLV 15	-1.32	-0.15	6.04	0	0.7057	0.0177
144	SLV 16	-1.19	-0.18	5.99	0	0.6996	0.021
144	CRTFP Uy+	0	0	0	0	0	0
144	CRTFP Uy-	0	0	0	0	0	0
145	SLU 1	0	-0.04	6.07	0	0.8101	0.0056
145	SLU 2	0	-0.04	6.08	0	0.8124	0.005
145	SLU 3	0	-0.04	6.21	0	0.829	0.0055
145	SLU 4	0	-0.04	6.22	0	0.8304	0.0052
145	SLU 5	0	-0.04	6.18	0	0.825	0.0051
145	SLU 6	0	-0.04	6.3	0	0.8416	0.0056
145	SLU 7	0	-0.04	6.31	0	0.843	0.0053
145	SLU 8	0	-0.04	6.26	0	0.8353	0.0058
145	SLU 9	0	-0.04	6.27	0	0.8366	0.0054
145	SLU 10	0.01	-0.04	6.81	0	0.9097	0.0048
145	SLU 11	0.01	-0.04	6.94	0	0.9263	0.0053
145	SLU 12	0.01	-0.04	6.95	0	0.9277	0.005
145	SLU 13	0.01	-0.04	6.91	0	0.9223	0.0049
145	SLU 14	0.01	-0.04	7.03	0	0.9389	0.0054
145	SLU 15	0.01	-0.04	7.04	0	0.9403	0.0051
145	SLU 16	0	-0.04	6.98	0	0.9326	0.0056
145	SLU 17	0.01	-0.04	6.99	0	0.934	0.0052
145	SLU 18	0.01	-0.04	7.11	0	0.9491	0.0053
145	SLU 19	0.01	-0.04	7.12	0	0.9505	0.005
145	SLU 20	0.01	-0.04	7.2	0	0.9617	0.0054
145	SLU 21	0.01	-0.04	7.21	0	0.9631	0.005
145	SLU 22	0	-0.03	6.69	0	0.8929	0.0044
145	SLU 23	0	-0.03	6.7	0	0.8952	0.0038
145	SLU 24	0	-0.03	6.83	0	0.9118	0.0044
145	SLU 25	0	-0.03	6.84	0	0.9132	0.004
145	SLU 26	0	-0.03	6.8	0	0.9077	0.0039
145	SLU 27	0	-0.03	6.92	0	0.9244	0.0045
145	SLU 28	0	-0.03	6.93	0	0.9257	0.0041
145	SLU 29	0	-0.03	6.88	0	0.918	0.0046
145	SLU 30	0	-0.03	6.89	0	0.9194	0.0043
145	SLU 31	0.01	-0.03	7.43	0	0.9925	0.0036
145	SLU 32	0.01	-0.03	7.56	0	1.0091	0.0042
145	SLU 33	0.01	-0.03	7.57	0	1.0105	0.0038
145	SLU 34	0.01	-0.03	7.53	0	1.0051	0.0037
145	SLU 35	0.01	-0.03	7.65	0	1.0217	0.0043
145	SLU 36	0.01	-0.03	7.66	0	1.023	0.0039
145	SLU 37	0.01	-0.03	7.6	0	1.0153	0.0044
145	SLU 38	0.01	-0.03	7.61	0	1.0167	0.0041
145	SLU 39	0.01	-0.03	7.73	0	1.0319	0.0042
145	SLU 40	0.01	-0.03	7.74	0	1.0333	0.0038
145	SLU 41	0.01	-0.03	7.82	0	1.0445	0.0042
145	SLU 42	0.01	-0.03	7.83	0	1.0458	0.0039
145	SLU 43	0	-0.06	7.67	0	1.0248	0.0077
145	SLU 44	0	-0.05	7.69	0	1.0271	0.0071
145	SLU 45	0	-0.06	7.82	0	1.0437	0.0076
145	SLU 46	0	-0.05	7.83	0	1.0451	0.0073
145	SLU 47	0	-0.05	7.79	0	1.0396	0.0072
145	SLU 48	0	-0.06	7.91	0	1.0563	0.0077
145	SLU 49	0	-0.06	7.92	0	1.0576	0.0073
145	SLU 50	0	-0.06	7.86	0	1.0499	0.0079
145	SLU 51	0	-0.06	7.87	0	1.0513	0.0075
145	SLU 52	0.01	-0.05	8.42	0	1.1244	0.0069
145	SLU 53	0.01	-0.06	8.54	0	1.141	0.0074
145	SLU 54	0.01	-0.05	8.56	0	1.1424	0.0071
145	SLU 55	0.01	-0.05	8.51	0	1.137	0.007
145	SLU 56	0.01	-0.06	8.64	0	1.1536	0.0075
145	SLU 57	0.01	-0.05	8.65	0	1.1549	0.0071
145	SLU 58	0.01	-0.06	8.59	0	1.1472	0.0077
145	SLU 59	0.01	-0.05	8.6	0	1.1486	0.0073
145	SLU 60	0.01	-0.06	8.72	0	1.1638	0.0074
145	SLU 61	0.01	-0.05	8.73	0	1.1652	0.007
145	SLU 62	0.01	-0.06	8.81	0	1.1764	0.0075
145	SLU 63	0.01	-0.05	8.82	0	1.1777	0.0071
145	SLU 64	0	-0.05	8.29	0	1.1075	0.0065
145	SLU 65	0	-0.04	8.31	0	1.1098	0.0059
145	SLU 66	0	-0.05	8.44	0	1.1265	0.0065
145	SLU 67	0	-0.05	8.45	0	1.1278	0.0061
145	SLU 68	0	-0.05	8.41	0	1.1224	0.006
145	SLU 69	0	-0.05	8.53	0	1.139	0.0065
145	SLU 70	0	-0.05	8.54	0	1.1404	0.0062
145	SLU 71	0	-0.05	8.48	0	1.1327	0.0067
145	SLU 72	0	-0.05	8.49	0	1.1341	0.0063
145	SLU 73	0.01	-0.04	9.04	0	1.2071	0.0057
145	SLU 74	0.01	-0.05	9.16	-0.0001	1.2238	0.0063
145	SLU 75	0.01	-0.04	9.18	-0.0001	1.2251	0.0059
145	SLU 76	0.01	-0.04	9.13	-0.0001	1.2197	0.0058
145	SLU 77	0.01	-0.05	9.26	-0.0001	1.2363	0.0063
145	SLU 78	0.01	-0.04	9.27	-0.0001	1.2377	0.006
145	SLU 79	0.01	-0.05	9.21	-0.0001	1.23	0.0065
145	SLU 80	0.01	-0.05	9.22	-0.0001	1.2314	0.0061
145	SLU 81	0.01	-0.05	9.34	-0.0001	1.2466	0.0062
145	SLU 82	0.01	-0.04	9.35	-0.0001	1.2479	0.0059
145	SLU 83	0.01	-0.05	9.43	-0.0001	1.2591	0.0063
145	SLU 84	0.01	-0.04	9.44	-0.0001	1.2605	0.006



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
145	SLE RA 1	0	-0.04	6.24	0	0.8338	0.0053
145	SLE RA 2	0	-0.04	6.26	0	0.8353	0.0049
145	SLE RA 3	0	-0.04	6.34	0	0.8464	0.0052
145	SLE RA 4	0	-0.04	6.35	0	0.8473	0.005
145	SLE RA 5	0	-0.04	6.32	0	0.8437	0.0049
145	SLE RA 6	0	-0.04	6.4	0	0.8548	0.0053
145	SLE RA 7	0	-0.04	6.41	0	0.8557	0.005
145	SLE RA 8	0	-0.04	6.37	0	0.8505	0.0054
145	SLE RA 9	0	-0.04	6.38	0	0.8515	0.0052
145	SLE RA 10	0.01	-0.04	6.74	0	0.9002	0.0047
145	SLE RA 11	0	-0.04	6.82	0	0.9112	0.0051
145	SLE RA 12	0	-0.04	6.83	0	0.9122	0.0049
145	SLE RA 13	0	-0.04	6.8	0	0.9085	0.0048
145	SLE RA 14	0	-0.04	6.89	0	0.9196	0.0052
145	SLE RA 15	0	-0.04	6.89	0	0.9205	0.0049
145	SLE RA 16	0	-0.04	6.86	0	0.9154	0.0053
145	SLE RA 17	0	-0.04	6.86	0	0.9163	0.005
145	SLE RA 18	0.01	-0.04	6.94	0	0.9264	0.0051
145	SLE RA 19	0.01	-0.04	6.95	0	0.9274	0.0048
145	SLE RA 20	0.01	-0.04	7	0	0.9348	0.0051
145	SLE RA 21	0.01	-0.04	7.01	0	0.9357	0.0049
145	SLE FR 1	0	-0.04	6.24	0	0.8338	0.0053
145	SLE FR 2	0	-0.04	6.25	0	0.8341	0.0052
145	SLE FR 3	0	-0.04	6.27	0	0.8371	0.0053
145	SLE FR 4	0	-0.04	6.45	0	0.8619	0.0051
145	SLE FR 5	0	-0.04	6.48	0	0.8649	0.0052
145	SLE FR 6	0	-0.04	6.59	0	0.8801	0.0052
145	SLE QP 1	0	-0.04	6.24	0	0.8338	0.0053
145	SLE QP 2	0	-0.04	6.45	0	0.8616	0.0052
145	SLD 1	0.51	0.03	6.6	0	0.8817	-0.0034
145	SLD 2	0.57	0.02	6.58	0	0.879	-0.0021
145	SLD 3	0.51	-0.11	6.37	0	0.8508	0.0146
145	SLD 4	0.56	-0.12	6.35	0	0.8481	0.0159
145	SLD 5	0.15	0.19	6.85	0	0.9151	-0.025
145	SLD 6	0.19	0.18	6.84	0	0.9133	-0.0241
145	SLD 7	0.14	-0.26	6.08	0	0.8119	0.0352
145	SLD 8	0.17	-0.27	6.07	0	0.8101	0.0361
145	SLD 9	-0.17	0.19	6.84	0	0.913	-0.0256
145	SLD 10	-0.13	0.19	6.82	0	0.9113	-0.0247
145	SLD 11	-0.18	-0.26	6.07	0	0.8099	0.0346
145	SLD 12	-0.15	-0.27	6.05	0	0.8081	0.0354
145	SLD 13	-0.56	0.04	6.55	0	0.8751	-0.0055
145	SLD 14	-0.5	0.03	6.53	0	0.8723	-0.0042
145	SLD 15	-0.56	-0.09	6.32	0	0.8441	0.0126
145	SLD 16	-0.51	-0.1	6.3	0	0.8414	0.0139
145	SLV 1	1.19	0.11	6.8	0	0.9076	-0.0144
145	SLV 2	1.32	0.08	6.75	0	0.9013	-0.0113
145	SLV 3	1.18	-0.2	6.27	0	0.8376	0.0266
145	SLV 4	1.31	-0.22	6.23	0	0.8312	0.0296
145	SLV 5	0.36	0.47	7.36	0	0.9828	-0.0633
145	SLV 6	0.44	0.46	7.33	0	0.9787	-0.0613
145	SLV 7	0.32	-0.55	5.61	0	0.7492	0.0732
145	SLV 8	0.4	-0.56	5.58	0	0.7451	0.0751
145	SLV 9	-0.39	0.48	7.32	0	0.978	-0.0647
145	SLV 10	-0.31	0.47	7.29	0	0.9739	-0.0627
145	SLV 11	-0.43	-0.54	5.58	0	0.7445	0.0717
145	SLV 12	-0.35	-0.55	5.54	0	0.7404	0.0737
145	SLV 13	-1.31	0.14	6.68	0	0.8919	-0.0192
145	SLV 14	-1.18	0.12	6.63	0	0.8856	-0.0161
145	SLV 15	-1.32	-0.16	6.15	0	0.8218	0.0218
145	SLV 16	-1.19	-0.19	6.11	0	0.8155	0.0248
145	CRTFP Uy+	0	0	0	0	0	0
145	CRTFP Uy-	0	0	0	0	0	0
146	SLU 1	0	-0.14	29.24	8.5171	-2.5934	-0.0121
146	SLU 2	0	-0.12	29.32	8.5398	-2.6008	-0.0091
146	SLU 3	0	-0.13	29.93	8.7171	-2.6543	-0.0116
146	SLU 4	0	-0.12	29.98	8.7307	-2.6587	-0.0098
146	SLU 5	0	-0.12	29.78	8.6714	-2.641	-0.0088
146	SLU 6	0	-0.13	30.38	8.8487	-2.6945	-0.0112
146	SLU 7	0	-0.12	30.43	8.8623	-2.699	-0.0094
146	SLU 8	0	-0.14	30.15	8.7803	-2.6738	-0.0113
146	SLU 9	0	-0.13	30.2	8.7939	-2.6783	-0.0096
146	SLU 10	0	-0.1	32.87	9.574	-2.9156	-0.0074
146	SLU 11	0	-0.11	33.47	9.7513	-2.9691	-0.0099
146	SLU 12	0	-0.1	33.52	9.7649	-2.9735	-0.0081
146	SLU 13	0	-0.1	33.32	9.7056	-2.9558	-0.0071
146	SLU 14	0	-0.12	33.92	9.8829	-3.0093	-0.0095
146	SLU 15	0	-0.1	33.97	9.8965	-3.0138	-0.0077
146	SLU 16	0	-0.12	33.69	9.8145	-2.9886	-0.0096
146	SLU 17	0	-0.11	33.74	9.8281	-2.9931	-0.0079
146	SLU 18	0	-0.11	34.3	9.9945	-3.0431	-0.0097
146	SLU 19	0	-0.1	34.35	10.0082	-3.0475	-0.0079
146	SLU 20	0	-0.11	34.76	10.1261	-3.0833	-0.0093
146	SLU 21	0	-0.1	34.81	10.1398	-3.0878	-0.0075
146	SLU 22	0.01	-0.08	32.24	9.3944	-2.86	-0.01
146	SLU 23	0.01	-0.06	32.33	9.4171	-2.8673	-0.0071
146	SLU 24	0.01	-0.08	32.93	9.5943	-2.9209	-0.0095
146	SLU 25	0.01	-0.07	32.98	9.608	-2.9253	-0.0077
146	SLU 26	0.01	-0.06	32.78	9.5487	-2.9076	-0.0067



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
146	SLU 27	0.01	-0.08	33.38	9.726	-2.9611	-0.0091
146	SLU 28	0.01	-0.07	33.43	9.7396	-2.9655	-0.0074
146	SLU 29	0.01	-0.09	33.15	9.6576	-2.9404	-0.0093
146	SLU 30	0.01	-0.07	33.2	9.6712	-2.9448	-0.0075
146	SLU 31	0.01	-0.04	35.87	10.4513	-3.1821	-0.0054
146	SLU 32	0.01	-0.06	36.47	10.6286	-3.2357	-0.0078
146	SLU 33	0.01	-0.05	36.52	10.6422	-3.2401	-0.006
146	SLU 34	0.01	-0.05	36.32	10.5829	-3.2224	-0.005
146	SLU 35	0.01	-0.06	36.93	10.7602	-3.2759	-0.0074
146	SLU 36	0.01	-0.05	36.98	10.7738	-3.2803	-0.0057
146	SLU 37	0.01	-0.07	36.69	10.6918	-3.2552	-0.0076
146	SLU 38	0.01	-0.06	36.74	10.7054	-3.2596	-0.0058
146	SLU 39	0.01	-0.06	37.31	10.8718	-3.3097	-0.0076
146	SLU 40	0.01	-0.04	37.36	10.8854	-3.3141	-0.0058
146	SLU 41	0.01	-0.06	37.76	11.0034	-3.3499	-0.0072
146	SLU 42	0.01	-0.05	37.81	11.017	-3.3543	-0.0055
146	SLU 43	0	-0.2	36.98	10.7714	-3.2801	-0.0164
146	SLU 44	0	-0.18	37.07	10.7941	-3.2874	-0.0135
146	SLU 45	0	-0.19	37.67	10.9714	-3.341	-0.0159
146	SLU 46	0	-0.18	37.72	10.985	-3.3454	-0.0141
146	SLU 47	-0.01	-0.18	37.52	10.9257	-3.3276	-0.0131
146	SLU 48	0	-0.19	38.12	11.103	-3.3812	-0.0155
146	SLU 49	0	-0.18	38.17	11.1166	-3.3856	-0.0138
146	SLU 50	0	-0.2	37.89	11.0346	-3.3605	-0.0157
146	SLU 51	-0.01	-0.19	37.94	11.0483	-3.3649	-0.0139
146	SLU 52	0	-0.16	40.61	11.8283	-3.6022	-0.0118
146	SLU 53	0	-0.17	41.21	12.0056	-3.6558	-0.0142
146	SLU 54	0	-0.16	41.26	12.0192	-3.6602	-0.0124
146	SLU 55	0	-0.16	41.06	11.96	-3.6424	-0.0114
146	SLU 56	0	-0.18	41.67	12.1372	-3.696	-0.0138
146	SLU 57	0	-0.16	41.72	12.1508	-3.7004	-0.0121
146	SLU 58	0	-0.18	41.43	12.0688	-3.6753	-0.014
146	SLU 59	0	-0.17	41.48	12.0825	-3.6797	-0.0122
146	SLU 60	0	-0.17	42.05	12.2488	-3.7298	-0.014
146	SLU 61	0	-0.16	42.1	12.2625	-3.7342	-0.0122
146	SLU 62	0	-0.17	42.5	12.3804	-3.77	-0.0136
146	SLU 63	0	-0.16	42.55	12.3941	-3.7744	-0.0119
146	SLU 64	0.01	-0.14	39.99	11.6487	-3.5466	-0.0144
146	SLU 65	0	-0.12	40.07	11.6714	-3.554	-0.0114
146	SLU 66	0.01	-0.14	40.67	11.8487	-3.6075	-0.0138
146	SLU 67	0.01	-0.13	40.72	11.8623	-3.6119	-0.0121
146	SLU 68	0	-0.12	40.52	11.803	-3.5942	-0.011
146	SLU 69	0.01	-0.14	41.13	11.9803	-3.6477	-0.0135
146	SLU 70	0	-0.13	41.18	11.9939	-3.6522	-0.0117
146	SLU 71	0	-0.15	40.89	11.9119	-3.627	-0.0136
146	SLU 72	0	-0.13	40.94	11.9255	-3.6315	-0.0118
146	SLU 73	0.01	-0.1	43.61	12.7056	-3.8688	-0.0097
146	SLU 74	0.01	-0.12	44.22	12.8829	-3.9223	-0.0121
146	SLU 75	0.01	-0.11	44.27	12.8965	-3.9267	-0.0104
146	SLU 76	0	-0.11	44.07	12.8372	-3.909	-0.0093
146	SLU 77	0.01	-0.12	44.67	13.0145	-3.9625	-0.0118
146	SLU 78	0.01	-0.11	44.72	13.0281	-3.967	-0.01
146	SLU 79	0.01	-0.13	44.44	12.9461	-3.9418	-0.0119
146	SLU 80	0	-0.12	44.49	12.9598	-3.9463	-0.0101
146	SLU 81	0.01	-0.12	45.05	13.1261	-3.9963	-0.0119
146	SLU 82	0.01	-0.1	45.1	13.1398	-4.0007	-0.0102
146	SLU 83	0.01	-0.12	45.5	13.2577	-4.0365	-0.0116
146	SLU 84	0.01	-0.11	45.55	13.2714	-4.041	-0.0098
146	SLE RA 1	0	-0.12	30.1	8.7677	-2.6696	-0.0115
146	SLE RA 2	0	-0.11	30.15	8.7829	-2.6745	-0.0095
146	SLE RA 3	0	-0.12	30.56	8.901	-2.7102	-0.0111
146	SLE RA 4	0	-0.11	30.59	8.9101	-2.7131	-0.01
146	SLE RA 5	0	-0.11	30.46	8.8706	-2.7013	-0.0093
146	SLE RA 6	0	-0.12	30.86	8.9888	-2.737	-0.0109
146	SLE RA 7	0	-0.11	30.89	8.9979	-2.7399	-0.0097
146	SLE RA 8	0	-0.12	30.7	8.9432	-2.7232	-0.011
146	SLE RA 9	0	-0.12	30.74	8.9523	-2.7261	-0.0098
146	SLE RA 10	0	-0.1	32.52	9.4724	-2.8844	-0.0084
146	SLE RA 11	0	-0.11	32.92	9.5905	-2.9201	-0.01
146	SLE RA 12	0	-0.1	32.95	9.5996	-2.923	-0.0088
146	SLE RA 13	0	-0.1	32.82	9.5601	-2.9112	-0.0082
146	SLE RA 14	0	-0.11	33.22	9.6783	-2.9469	-0.0098
146	SLE RA 15	0	-0.1	33.25	9.6874	-2.9498	-0.0086
146	SLE RA 16	0	-0.11	33.07	9.6327	-2.9331	-0.0099
146	SLE RA 17	0	-0.1	33.1	9.6418	-2.936	-0.0087
146	SLE RA 18	0.01	-0.1	33.47	9.7527	-2.9694	-0.0099
146	SLE RA 19	0	-0.1	33.51	9.7618	-2.9723	-0.0087
146	SLE RA 20	0	-0.11	33.78	9.8404	-2.9962	-0.0096
146	SLE RA 21	0	-0.1	33.81	9.8495	-2.9991	-0.0085
146	SLE FR 1	0	-0.12	30.1	8.7677	-2.6696	-0.0115
146	SLE FR 2	0	-0.12	30.11	8.7708	-2.6706	-0.0111
146	SLE FR 3	0	-0.12	30.22	8.8028	-2.6803	-0.0114
146	SLE FR 4	0	-0.11	31.12	9.0662	-2.7605	-0.0106
146	SLE FR 5	0	-0.12	31.23	9.0983	-2.7702	-0.0109
146	SLE FR 6	0	-0.11	31.79	9.2602	-2.8195	-0.0107
146	SLE QP 1	0	-0.12	30.1	8.7677	-2.6696	-0.0115
146	SLE QP 2	0	-0.12	31.11	9.0632	-2.7595	-0.011
146	SLD 1	2.68	0.22	31.44	9.1182	-2.7832	-0.8248
146	SLD 2	2.96	0.18	31.37	9.1024	-2.7781	-0.9172



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
146	SLD 3	2.65	-0.48	30.41	8.8623	-2.695	-0.885
146	SLD 4	2.93	-0.52	30.35	8.8464	-2.6898	-0.9773
146	SLD 5	0.8	1.05	32.77	9.4708	-2.9015	-0.1474
146	SLD 6	0.99	1.03	32.73	9.4603	-2.8981	-0.2082
146	SLD 7	0.7	-1.28	29.36	8.6176	-2.6072	-0.3479
146	SLD 8	0.89	-1.31	29.32	8.6071	-2.6038	-0.4087
146	SLD 9	-0.88	1.07	32.91	9.5193	-2.9153	0.3867
146	SLD 10	-0.7	1.05	32.86	9.5089	-2.9119	0.3258
146	SLD 11	-0.98	-1.26	29.49	8.6661	-2.621	0.1862
146	SLD 12	-0.79	-1.29	29.45	8.6557	-2.6176	0.1253
146	SLD 13	-2.93	0.28	31.88	9.28	-2.8293	0.9553
146	SLD 14	-2.64	0.25	31.81	9.2641	-2.8241	0.8629
146	SLD 15	-2.95	-0.42	30.85	9.024	-2.741	0.8952
146	SLD 16	-2.67	-0.45	30.78	9.0082	-2.7358	0.8028
146	SLV 1	6.26	0.65	31.84	9.1824	-2.8117	-1.9176
146	SLV 2	6.92	0.56	31.68	9.1455	-2.7997	-2.1327
146	SLV 3	6.2	-0.94	29.52	8.6027	-2.6118	-2.0541
146	SLV 4	6.86	-1.03	29.36	8.5658	-2.5998	-2.2693
146	SLV 5	1.87	2.54	34.87	9.9846	-3.0805	-0.3386
146	SLV 6	2.3	2.48	34.77	9.9607	-3.0727	-0.4778
146	SLV 7	1.65	-2.76	27.14	8.0522	-2.4141	-0.7936
146	SLV 8	2.07	-2.81	27.04	8.0284	-2.4063	-0.9329
146	SLV 9	-2.07	2.58	35.18	10.0981	-3.1128	0.9108
146	SLV 10	-1.64	2.53	35.08	10.0742	-3.105	0.7716
146	SLV 11	-2.29	2.72	27.45	8.1657	-2.4463	0.4558
146	SLV 12	-1.86	-2.77	27.35	8.1418	-2.4386	0.3166
146	SLV 13	-6.85	0.79	32.86	9.5606	-2.9193	2.2472
146	SLV 14	-6.19	0.71	32.71	9.5237	-2.9073	2.0321
146	SLV 15	-6.92	-0.79	30.54	8.9809	-2.7194	2.1107
146	SLV 16	-6.26	-0.88	30.39	8.944	-2.7074	1.8956
146	CRTFP Ux+	0	0	0	0	0	0
146	CRTFP Ux-	0	0	0	0	0	0
146	CRTFP Uy+	0	0	0	0	0	0
146	CRTFP Uy-	0	0	0	0	0	0
147	SLU 1	0	-0.17	39.11	12.3576	-0.7034	-0.0037
147	SLU 2	0	-0.14	39.23	12.3914	-0.7054	-0.0013
147	SLU 3	0	-0.17	40.03	12.6478	-0.7199	-0.0034
147	SLU 4	0	-0.15	40.1	12.6681	-0.7212	-0.002
147	SLU 5	0	-0.14	39.83	12.5818	-0.7163	-0.0005
147	SLU 6	0	-0.17	40.64	12.8382	-0.7308	-0.0026
147	SLU 7	0	-0.15	40.71	12.8585	-0.732	-0.0012
147	SLU 8	0	-0.18	40.33	12.7384	-0.7251	-0.0021
147	SLU 9	-0.01	-0.16	40.39	12.7587	-0.7263	-0.0006
147	SLU 10	0	-0.1	43.98	13.894	-0.7912	-0.0003
147	SLU 11	0	-0.13	44.79	14.1504	-0.8058	-0.0024
147	SLU 12	0	-0.11	44.85	14.1707	-0.807	-0.001
147	SLU 13	0	-0.11	44.59	14.0845	-0.8021	0.0006
147	SLU 14	0	-0.13	45.39	14.3408	-0.8166	-0.0016
147	SLU 15	0	-0.11	45.46	14.3611	-0.8179	-0.0002
147	SLU 16	0	-0.14	45.08	14.241	-0.8109	-0.0011
147	SLU 17	-0.01	-0.12	45.15	14.2613	-0.8122	0.0004
147	SLU 18	0	-0.12	45.9	14.5042	-0.826	-0.0023
147	SLU 19	0	-0.1	45.97	14.5245	-0.8272	-0.0008
147	SLU 20	0	-0.12	46.51	14.6946	-0.8368	-0.0014
147	SLU 21	0	-0.1	46.58	14.7149	-0.8381	0
147	SLU 22	0.02	-0.1	43.13	13.6303	-0.7758	-0.0068
147	SLU 23	0.01	-0.07	43.25	13.6641	-0.7779	-0.0044
147	SLU 24	0.02	-0.09	44.05	13.9205	-0.7924	-0.0066
147	SLU 25	0.01	-0.07	44.12	13.9408	-0.7936	-0.0051
147	SLU 26	0.01	-0.07	43.85	13.8545	-0.7888	-0.0036
147	SLU 27	0.01	-0.09	44.66	14.1109	-0.8033	-0.0058
147	SLU 28	0.01	-0.07	44.73	14.1312	-0.8045	-0.0043
147	SLU 29	0.01	-0.1	44.35	14.0111	-0.7976	-0.0052
147	SLU 30	0.01	-0.08	44.41	14.0314	-0.7988	-0.0037
147	SLU 31	0.01	-0.03	48	15.1668	-0.8637	-0.0034
147	SLU 32	0.01	-0.06	48.81	15.4231	-0.8782	-0.0056
147	SLU 33	0.01	-0.04	48.88	15.4434	-0.8794	-0.0041
147	SLU 34	0.01	-0.03	48.61	15.3572	-0.8746	-0.0026
147	SLU 35	0.01	-0.06	49.41	15.6135	-0.8891	-0.0048
147	SLU 36	0.01	-0.04	49.48	15.6338	-0.8903	-0.0033
147	SLU 37	0.01	-0.07	49.1	15.5137	-0.8834	-0.0042
147	SLU 38	0.01	-0.05	49.17	15.534	-0.8846	-0.0027
147	SLU 39	0.02	-0.05	49.93	15.7769	-0.8984	-0.0054
147	SLU 40	0.01	-0.03	49.99	15.7972	-0.8997	-0.0039
147	SLU 41	0.01	-0.05	50.53	15.9673	-0.9093	-0.0046
147	SLU 42	0.01	-0.03	50.6	15.9876	-0.9105	-0.0031
147	SLU 43	0	-0.25	49.47	15.6285	-0.8895	-0.0037
147	SLU 44	-0.01	-0.22	49.58	15.6624	-0.8916	-0.0013
147	SLU 45	0	-0.24	50.39	15.9187	-0.9061	-0.0035
147	SLU 46	0	-0.22	50.46	15.939	-0.9073	-0.002
147	SLU 47	-0.01	-0.22	50.19	15.8528	-0.9025	-0.0005
147	SLU 48	0	-0.25	50.99	16.1091	-0.917	-0.0027
147	SLU 49	-0.01	-0.23	51.06	16.1294	-0.9182	-0.0012
147	SLU 50	-0.01	-0.25	50.68	16.0093	-0.9113	-0.0021
147	SLU 51	-0.01	-0.24	50.75	16.0296	-0.9125	-0.0007
147	SLU 52	-0.01	-0.18	54.33	17.165	-0.9774	-0.0003
147	SLU 53	0	-0.21	55.14	17.4214	-0.9919	-0.0025
147	SLU 54	0	-0.19	55.21	17.4417	-0.9932	-0.001
147	SLU 55	-0.01	-0.18	54.94	17.3554	-0.9883	0.0005



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
147	SLU 56	0	-0.21	55.75	17.6118	-1.0028	-0.0017
147	SLU 57	-0.01	-0.19	55.82	17.6321	-1.004	-0.0002
147	SLU 58	-0.01	-0.22	55.43	17.5119	-0.9971	-0.0011
147	SLU 59	-0.01	-0.2	55.5	17.5322	-0.9983	0.0004
147	SLU 60	0	-0.2	56.26	17.7751	-1.0121	-0.0023
147	SLU 61	0	-0.18	56.33	17.7954	-1.0134	-0.0008
147	SLU 62	0	-0.2	56.87	17.9655	-1.023	-0.0015
147	SLU 63	-0.01	-0.18	56.93	17.9858	-1.0242	0
147	SLU 64	0.01	-0.18	53.49	16.9012	-0.962	-0.0069
147	SLU 65	0.01	-0.14	53.6	16.9351	-0.9641	-0.0044
147	SLU 66	0.01	-0.17	54.41	17.1914	-0.9786	-0.0066
147	SLU 67	0.01	-0.15	54.48	17.2118	-0.9798	-0.0051
147	SLU 68	0	-0.15	54.21	17.1255	-0.9749	-0.0036
147	SLU 69	0.01	-0.17	55.02	17.3819	-0.9894	-0.0058
147	SLU 70	0.01	-0.15	55.08	17.4022	-0.9907	-0.0043
147	SLU 71	0.01	-0.18	54.7	17.282	-0.9837	-0.0052
147	SLU 72	0	-0.16	54.77	17.3023	-0.985	-0.0038
147	SLU 73	0.01	-0.11	58.36	18.4377	-1.0499	-0.0034
147	SLU 74	0.01	-0.13	59.16	18.6941	-1.0644	-0.0056
147	SLU 75	0.01	-0.11	59.23	18.7144	-1.0656	-0.0041
147	SLU 76	0	-0.11	58.96	18.6281	-1.0607	-0.0026
147	SLU 77	0.01	-0.14	59.77	18.8845	-1.0752	-0.0048
147	SLU 78	0.01	-0.12	59.84	18.9048	-1.0765	-0.0033
147	SLU 79	0.01	-0.15	59.46	18.7846	-1.0696	-0.0042
147	SLU 80	0	-0.13	59.52	18.8049	-1.0708	-0.0028
147	SLU 81	0.01	-0.13	60.28	19.0478	-1.0846	-0.0054
147	SLU 82	0.01	-0.11	60.35	19.0681	-1.0858	-0.004
147	SLU 83	0.01	-0.13	60.89	19.2382	-1.0955	-0.0046
147	SLU 84	0.01	-0.11	60.95	19.2585	-1.0967	-0.0031
147	SLE RA 1	0.01	-0.15	40.26	12.7212	-0.7241	-0.0046
147	SLE RA 2	0	-0.13	40.34	12.7438	-0.7254	-0.003
147	SLE RA 3	0.01	-0.15	40.88	12.9147	-0.7351	-0.0044
147	SLE RA 4	0	-0.13	40.92	12.9282	-0.7359	-0.0034
147	SLE RA 5	0	-0.13	40.74	12.8707	-0.7327	-0.0024
147	SLE RA 6	0	-0.15	41.28	13.0416	-0.7424	-0.0039
147	SLE RA 7	0	-0.14	41.32	13.0552	-0.7432	-0.0029
147	SLE RA 8	0	-0.16	41.07	12.9751	-0.7386	-0.0035
147	SLE RA 9	0	-0.14	41.12	12.9886	-0.7394	-0.0025
147	SLE RA 10	0	-0.11	43.51	13.7455	-0.7827	-0.0023
147	SLE RA 11	0.01	-0.12	44.04	13.9165	-0.7923	-0.0037
147	SLE RA 12	0	-0.11	44.09	13.93	-0.7932	-0.0028
147	SLE RA 13	0	-0.11	43.91	13.8725	-0.7899	-0.0018
147	SLE RA 14	0	-0.13	44.45	14.0434	-0.7996	-0.0032
147	SLE RA 15	0	-0.11	44.49	14.0569	-0.8004	-0.0022
147	SLE RA 16	0	-0.13	44.24	13.9768	-0.7958	-0.0028
147	SLE RA 17	0	-0.12	44.28	13.9904	-0.7966	-0.0019
147	SLE RA 18	0.01	-0.12	44.79	14.1523	-0.8058	-0.0036
147	SLE RA 19	0	-0.11	44.83	14.1658	-0.8066	-0.0027
147	SLE RA 20	0	-0.12	45.19	14.2792	-0.8131	-0.0031
147	SLE RA 21	0	-0.11	45.24	14.2928	-0.8139	-0.0021
147	SLE FR 1	0.01	-0.15	40.26	12.7212	-0.7241	-0.0046
147	SLE FR 2	0.01	-0.15	40.28	12.7257	-0.7243	-0.0043
147	SLE FR 3	0.01	-0.15	40.42	12.772	-0.727	-0.0044
147	SLE FR 4	0.01	-0.14	41.64	13.1551	-0.7489	-0.004
147	SLE FR 5	0.01	-0.14	41.78	13.2013	-0.7515	-0.0041
147	SLE FR 6	0.01	-0.14	42.53	13.4368	-0.7649	-0.0041
147	SLE QP 1	0.01	-0.15	40.26	12.7212	-0.7241	-0.0046
147	SLE QP 2	0.01	-0.14	41.62	13.1505	-0.7486	-0.0043
147	SLD 1	3.69	0.27	41.95	13.2304	-0.7519	-1.2792
147	SLD 2	4.07	0.23	41.88	13.2143	-0.7516	-1.4155
147	SLD 3	3.65	-0.68	40.59	12.8547	-0.7275	-1.2965
147	SLD 4	4.03	-0.73	40.53	12.8387	-0.7272	-1.4328
147	SLD 5	1.1	1.44	43.79	13.7471	-0.7866	-0.3362
147	SLD 6	1.36	1.42	43.75	13.7366	-0.7864	-0.4259
147	SLD 7	0.97	-1.75	39.27	12.4949	-0.7053	-0.3937
147	SLD 8	1.22	-1.78	39.22	12.4844	-0.7051	-0.4834
147	SLD 9	-1.21	1.49	44.02	13.8167	-0.792	0.4748
147	SLD 10	-0.96	1.47	43.97	13.8062	-0.7918	0.3851
147	SLD 11	-1.34	-1.7	39.5	12.5645	-0.7108	0.4173
147	SLD 12	-1.09	-1.73	39.45	12.554	-0.7106	0.3276
147	SLD 13	-4.02	0.44	42.71	13.4624	-0.77	1.4242
147	SLD 14	-3.63	0.4	42.65	13.4464	-0.7697	1.2879
147	SLD 15	-4.06	-0.52	41.36	13.0867	-0.7456	1.4069
147	SLD 16	-3.67	-0.56	41.29	13.0707	-0.7453	1.2706
147	SLV 1	8.62	0.8	42.34	13.3234	-0.7554	-2.9882
147	SLV 2	9.52	0.7	42.19	13.286	-0.7547	-3.3055
147	SLV 3	8.53	-1.38	39.26	12.4725	-0.7002	-3.028
147	SLV 4	9.43	-1.47	39.12	12.4352	-0.6995	-3.3453
147	SLV 5	2.57	3.45	46.52	14.4993	-0.8345	-0.784
147	SLV 6	3.16	3.39	46.42	14.4751	-0.8341	-0.9893
147	SLV 7	2.26	-3.79	36.28	11.6632	-0.6504	-0.9168
147	SLV 8	2.85	-3.86	36.19	11.639	-0.65	-1.1221
147	SLV 9	-2.84	3.57	47.06	14.6621	-0.8472	1.1135
147	SLV 10	-2.25	3.51	46.96	14.6379	-0.8467	0.9082
147	SLV 11	-3.15	-3.68	36.82	11.826	-0.6631	0.9807
147	SLV 12	-2.56	-3.74	36.72	11.8018	-0.6626	0.7754
147	SLV 13	-9.42	1.19	44.12	13.8659	-0.7977	3.3367
147	SLV 14	-8.51	1.09	43.98	13.8285	-0.797	3.0194
147	SLV 15	-9.51	-0.99	41.05	13.0151	-0.7425	3.2969



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
147	SLU 16	-8.61	-1.08	40.91	12.9777	-0.7417	2.9796
147	CRTFP Ux+	0	0	0	0	0	0
147	CRTFP Ux-	0	0	0	0	0	0
147	CRTFP Uy+	0	0	0	0	0	0
147	CRTFP Uy-	0	0	0	0	0	0
148	SLU 1	0.01	-0.18	42.36	13.0528	0.0254	-0.0023
148	SLU 2	0	-0.14	42.48	13.0893	0.0255	0.0001
148	SLU 3	0.01	-0.17	43.35	13.3595	0.026	-0.0022
148	SLU 4	0	-0.14	43.43	13.3814	0.026	-0.0007
148	SLU 5	0	-0.14	43.13	13.2896	0.026	0.001
148	SLU 6	0	-0.17	44.01	13.5599	0.0264	-0.0012
148	SLU 7	0	-0.14	44.08	13.5818	0.0265	0.0002
148	SLU 8	0	-0.18	43.66	13.4535	0.0263	-0.0004
148	SLU 9	0	-0.16	43.74	13.4754	0.0264	0.001
148	SLU 10	0	-0.09	47.64	14.6795	0.0283	0.001
148	SLU 11	0.01	-0.12	48.51	14.9497	0.0287	-0.0013
148	SLU 12	0	-0.09	48.58	14.9716	0.0288	0.0002
148	SLU 13	0	-0.09	48.29	14.8798	0.0287	0.002
148	SLU 14	0	-0.12	49.17	15.1501	0.0292	-0.0003
148	SLU 15	0	-0.1	49.24	15.172	0.0292	0.0011
148	SLU 16	0	-0.13	48.82	15.0437	0.0291	0.0005
148	SLU 17	0	-0.11	48.9	15.0656	0.0291	0.002
148	SLU 18	0	-0.11	49.73	15.3245	0.0294	-0.001
148	SLU 19	0	-0.08	49.8	15.3464	0.0294	0.0005
148	SLU 20	0	-0.11	50.38	15.5249	0.0298	0
148	SLU 21	0	-0.08	50.45	15.5468	0.0299	0.0014
148	SLU 22	0.02	-0.1	46.72	14.3981	0.0278	-0.0075
148	SLU 23	0.02	-0.06	46.84	14.4346	0.0279	-0.0051
148	SLU 24	0.02	-0.09	47.71	14.7049	0.0283	-0.0074
148	SLU 25	0.02	-0.06	47.79	14.7268	0.0284	-0.006
148	SLU 26	0.01	-0.06	47.49	14.635	0.0283	-0.0042
148	SLU 27	0.02	-0.09	48.37	14.9053	0.0288	-0.0065
148	SLU 28	0.02	-0.06	48.44	14.9272	0.0288	-0.005
148	SLU 29	0.02	-0.1	48.03	14.7989	0.0287	-0.0057
148	SLU 30	0.01	-0.07	48.1	14.8208	0.0287	-0.0042
148	SLU 31	0.01	-0.01	52	16.0248	0.0306	-0.0042
148	SLU 32	0.02	-0.04	52.87	16.2951	0.0311	-0.0065
148	SLU 33	0.02	-0.01	52.95	16.317	0.0312	-0.005
148	SLU 34	0.01	-0.01	52.65	16.2252	0.0311	-0.0033
148	SLU 35	0.02	-0.04	53.53	16.4955	0.0316	-0.0055
148	SLU 36	0.01	-0.02	53.6	16.5174	0.0316	-0.0041
148	SLU 37	0.02	-0.05	53.18	16.3891	0.0314	-0.0047
148	SLU 38	0.01	-0.03	53.26	16.411	0.0315	-0.0033
148	SLU 39	0.02	-0.03	54.09	16.6698	0.0317	-0.0062
148	SLU 40	0.02	0	54.16	16.6917	0.0318	-0.0048
148	SLU 41	0.02	-0.03	54.74	16.8702	0.0322	-0.0053
148	SLU 42	0.01	0	54.81	16.8921	0.0322	-0.0038
148	SLU 43	0.01	-0.26	53.57	16.5073	0.0322	-0.0012
148	SLU 44	0	-0.22	53.69	16.5438	0.0323	0.0012
148	SLU 45	0	-0.25	54.56	16.8141	0.0328	-0.0011
148	SLU 46	0	-0.22	54.64	16.836	0.0328	0.0004
148	SLU 47	0	-0.22	54.34	16.7442	0.0328	0.0021
148	SLU 48	0	-0.25	55.22	17.0145	0.0332	-0.0001
148	SLU 49	0	-0.23	55.29	17.0364	0.0333	0.0013
148	SLU 50	0	-0.26	54.88	16.9081	0.0331	0.0007
148	SLU 51	0	-0.24	54.95	16.93	0.0332	0.0021
148	SLU 52	0	-0.17	58.85	18.134	0.0351	0.0021
148	SLU 53	0	-0.2	59.72	18.4043	0.0356	-0.0001
148	SLU 54	0	-0.18	59.8	18.4262	0.0356	0.0013
148	SLU 55	-0.01	-0.17	59.5	18.3344	0.0355	0.0031
148	SLU 56	0	-0.2	60.38	18.6047	0.036	0.0008
148	SLU 57	0	-0.18	60.45	18.6266	0.0361	0.0022
148	SLU 58	0	-0.21	60.04	18.4983	0.0359	0.0016
148	SLU 59	-0.01	-0.19	60.11	18.5202	0.0359	0.0031
148	SLU 60	0	-0.19	60.94	18.779	0.0362	0.0001
148	SLU 61	0	-0.16	61.01	18.8009	0.0362	0.0016
148	SLU 62	0	-0.19	61.59	18.9794	0.0366	0.0011
148	SLU 63	0	-0.16	61.67	19.0013	0.0367	0.0025
148	SLU 64	0.02	-0.18	57.93	17.8527	0.0346	-0.0064
148	SLU 65	0.01	-0.14	58.05	17.8892	0.0347	-0.004
148	SLU 66	0.02	-0.17	58.92	18.1595	0.0352	-0.0063
148	SLU 67	0.02	-0.14	59	18.1814	0.0352	-0.0049
148	SLU 68	0.01	-0.14	58.7	18.0896	0.0351	-0.0031
148	SLU 69	0.02	-0.17	59.58	18.3599	0.0356	-0.0054
148	SLU 70	0.01	-0.15	59.65	18.3818	0.0357	-0.0039
148	SLU 71	0.01	-0.18	59.24	18.2535	0.0355	-0.0046
148	SLU 72	0.01	-0.16	59.31	18.2754	0.0356	-0.0031
148	SLU 73	0.01	-0.09	63.21	19.4794	0.0374	-0.0031
148	SLU 74	0.02	-0.12	64.08	19.7497	0.0379	-0.0054
148	SLU 75	0.01	-0.1	64.16	19.7716	0.038	-0.0039
148	SLU 76	0.01	-0.09	63.86	19.6798	0.0379	-0.0022
148	SLU 77	0.01	-0.12	64.74	19.9501	0.0384	-0.0044
148	SLU 78	0.01	-0.1	64.81	19.972	0.0384	-0.003
148	SLU 79	0.01	-0.13	64.4	19.8437	0.0383	-0.0036
148	SLU 80	0.01	-0.11	64.47	19.8656	0.0383	-0.0022
148	SLU 81	0.02	-0.11	65.3	20.1244	0.0385	-0.0051
148	SLU 82	0.01	-0.08	65.37	20.1463	0.0386	-0.0037
148	SLU 83	0.01	-0.11	65.95	20.3248	0.039	-0.0042
148	SLU 84	0.01	-0.08	66.03	20.3467	0.039	-0.0027



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
148	SLE RA 1	0.01	-0.15	43.6	13.4371	0.0261	-0.0038
148	SLE RA 2	0.01	-0.13	43.68	13.4615	0.0261	-0.0022
148	SLE RA 3	0.01	-0.15	44.27	13.6417	0.0265	-0.0037
148	SLE RA 4	0.01	-0.13	44.31	13.6563	0.0265	-0.0028
148	SLE RA 5	0.01	-0.13	44.12	13.5951	0.0265	-0.0016
148	SLE RA 6	0.01	-0.15	44.7	13.7753	0.0268	-0.0031
148	SLE RA 7	0.01	-0.13	44.75	13.7899	0.0268	-0.0021
148	SLE RA 8	0.01	-0.16	44.47	13.7043	0.0267	-0.0025
148	SLE RA 9	0.01	-0.14	44.52	13.7189	0.0267	-0.0016
148	SLE RA 10	0.01	-0.09	47.12	14.5216	0.028	-0.0016
148	SLE RA 11	0.01	-0.12	47.7	14.7018	0.0283	-0.0031
148	SLE RA 12	0.01	-0.1	47.75	14.7164	0.0283	-0.0021
148	SLE RA 13	0	-0.1	47.56	14.6552	0.0283	-0.0009
148	SLE RA 14	0.01	-0.12	48.14	14.8354	0.0286	-0.0025
148	SLE RA 15	0.01	-0.1	48.19	14.85	0.0286	-0.0015
148	SLE RA 16	0.01	-0.12	47.91	14.7645	0.0285	-0.0019
148	SLE RA 17	0	-0.11	47.96	14.7791	0.0286	-0.001
148	SLE RA 18	0.01	-0.11	48.51	14.9516	0.0287	-0.0029
148	SLE RA 19	0.01	-0.09	48.56	14.9662	0.0288	-0.0019
148	SLE RA 20	0.01	-0.11	48.95	15.0852	0.029	-0.0023
148	SLE RA 21	0.01	-0.09	49	15.0998	0.0291	-0.0013
148	SLE FR 1	0.01	-0.15	43.6	13.4371	0.0261	-0.0038
148	SLE FR 2	0.01	-0.15	43.62	13.442	0.0261	-0.0035
148	SLE FR 3	0.01	-0.15	43.78	13.4906	0.0262	-0.0036
148	SLE FR 4	0.01	-0.13	45.09	13.8964	0.0269	-0.0032
148	SLE FR 5	0.01	-0.14	45.25	13.9449	0.027	-0.0033
148	SLE FR 6	0.01	-0.13	46.06	14.1944	0.0274	-0.0034
148	SLE QP 1	0.01	-0.15	43.6	13.4371	0.0261	-0.0038
148	SLE QP 2	0.01	-0.14	45.08	13.8915	0.0269	-0.0035
148	SLD 1	4.08	0.27	45.35	13.9679	0.0293	-1.4295
148	SLD 2	4.51	0.24	45.32	13.9616	0.028	-1.5792
148	SLD 3	4.04	-0.79	43.88	13.5672	0.0283	-1.4139
148	SLD 4	4.47	-0.82	43.85	13.561	0.0271	-1.5636
148	SLD 5	1.22	1.6	47.39	14.5232	0.0293	-0.4281
148	SLD 6	1.51	1.57	47.37	14.5191	0.0284	-0.5266
148	SLD 7	1.07	-1.93	42.5	13.1876	0.0261	-0.3762
148	SLD 8	1.36	-1.96	42.48	13.1835	0.0253	-0.4748
148	SLD 9	-1.33	1.68	47.68	14.5994	0.0285	0.4677
148	SLD 10	-1.05	1.65	47.65	14.5953	0.0277	0.3692
148	SLD 11	-1.48	-1.85	42.78	13.2639	0.0253	0.5196
148	SLD 12	-1.2	-1.88	42.76	13.2598	0.0245	0.421
148	SLD 13	-4.44	0.54	46.3	14.222	0.0267	1.5565
148	SLD 14	-4.01	0.51	46.27	14.2158	0.0254	1.4068
148	SLD 15	-4.49	-0.52	44.83	13.8213	0.0257	1.5721
148	SLD 16	-4.06	-0.55	44.8	13.8151	0.0245	1.4224
148	SLV 1	9.54	0.79	45.67	14.0553	0.0325	-3.3403
148	SLV 2	10.54	0.71	45.59	14.0408	0.0296	-3.6889
148	SLV 3	9.43	-1.61	42.34	13.1478	0.0303	-3.3042
148	SLV 4	10.43	-1.69	42.26	13.1333	0.0274	-3.6528
148	SLV 5	2.85	3.79	50.31	15.3196	0.0323	-0.9989
148	SLV 6	3.5	3.74	50.26	15.3102	0.0304	-1.2244
148	SLV 7	2.51	-4.21	39.23	12.2945	0.0252	-0.8785
148	SLV 8	3.15	-4.26	39.18	12.2851	0.0233	-1.104
148	SLV 9	-3.13	3.98	50.97	15.4979	0.0305	1.097
148	SLV 10	-2.49	3.93	50.92	15.4885	0.0286	0.8714
148	SLV 11	-3.48	-4.02	39.89	12.4728	0.0233	1.2174
148	SLV 12	-2.83	-4.07	39.84	12.4634	0.0215	0.9918
148	SLV 13	-10.41	1.41	47.89	14.6497	0.0263	3.6458
148	SLV 14	-9.41	1.33	47.81	14.6352	0.0234	3.2972
148	SLV 15	-10.51	-0.99	44.56	13.7421	0.0242	3.6819
148	SLV 16	-9.51	-1.07	44.48	13.7277	0.0213	3.3333
148	CRTFP Ux+	0	0	0	0	0	0
148	CRTFP Ux-	0	0	0	0	0	0
148	CRTFP Uy+	0	0	0	0	0	0
148	CRTFP Uy-	0	0	0	0	0	0
149	SLU 1	0.01	-0.17	41.78	12.7042	0.0112	-0.0051
149	SLU 2	0.01	-0.13	41.89	12.7398	0.0112	-0.0023
149	SLU 3	0.01	-0.16	42.76	13.0031	0.0114	-0.005
149	SLU 4	0.01	-0.13	42.83	13.0245	0.0114	-0.0033
149	SLU 5	0	-0.13	42.54	12.9341	0.0115	-0.0014
149	SLU 6	0.01	-0.16	43.4	13.1974	0.0116	-0.0041
149	SLU 7	0.01	-0.13	43.48	13.2188	0.0117	-0.0024
149	SLU 8	0.01	-0.17	43.06	13.0927	0.0116	-0.0033
149	SLU 9	0	-0.14	43.14	13.1141	0.0117	-0.0016
149	SLU 10	0	-0.07	46.99	14.2905	0.0123	-0.0008
149	SLU 11	0.01	-0.11	47.86	14.5539	0.0125	-0.0036
149	SLU 12	0.01	-0.08	47.93	14.5753	0.0125	-0.0019
149	SLU 13	0	-0.07	47.64	14.4848	0.0126	0.0001
149	SLU 14	0.01	-0.11	48.5	14.7482	0.0127	-0.0026
149	SLU 15	0	-0.08	48.57	14.7696	0.0128	-0.0009
149	SLU 16	0.01	-0.12	48.16	14.6435	0.0127	-0.0018
149	SLU 17	0	-0.09	48.23	14.6649	0.0128	-0.0001
149	SLU 18	0.01	-0.09	49.06	14.9195	0.0127	-0.0031
149	SLU 19	0	-0.07	49.13	14.9409	0.0128	-0.0014
149	SLU 20	0.01	-0.09	49.7	15.1138	0.0129	-0.0021
149	SLU 21	0	-0.07	49.77	15.1352	0.013	-0.0004
149	SLU 22	0.03	-0.09	46.09	14.0166	0.0119	-0.0107
149	SLU 23	0.02	-0.05	46.21	14.0522	0.012	-0.0079
149	SLU 24	0.03	-0.08	47.07	14.3156	0.0122	-0.0106



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
149	SLU 25	0.03	-0.05	47.14	14.3369	0.0122	-0.0089
149	SLU 26	0.02	-0.05	46.85	14.2465	0.0123	-0.0069
149	SLU 27	0.03	-0.08	47.71	14.5099	0.0124	-0.0097
149	SLU 28	0.02	-0.05	47.79	14.5312	0.0125	-0.008
149	SLU 29	0.03	-0.09	47.37	14.4052	0.0124	-0.0088
149	SLU 30	0.02	-0.06	47.45	14.4265	0.0125	-0.0071
149	SLU 31	0.02	0.01	51.3	15.603	0.0131	-0.0064
149	SLU 32	0.03	-0.03	52.17	15.8664	0.0133	-0.0092
149	SLU 33	0.02	0	52.24	15.8877	0.0133	-0.0075
149	SLU 34	0.02	0.01	51.95	15.7973	0.0134	-0.0055
149	SLU 35	0.02	-0.03	52.81	16.0606	0.0135	-0.0082
149	SLU 36	0.02	0	52.88	16.082	0.0135	-0.0065
149	SLU 37	0.02	-0.04	52.47	15.9559	0.0135	-0.0074
149	SLU 38	0.02	-0.01	52.54	15.9773	0.0136	-0.0057
149	SLU 39	0.03	-0.01	53.37	16.232	0.0135	-0.0086
149	SLU 40	0.02	0.01	53.44	16.2533	0.0136	-0.0069
149	SLU 41	0.02	-0.01	54.01	16.4263	0.0137	-0.0077
149	SLU 42	0.02	0.01	54.08	16.4476	0.0138	-0.006
149	SLU 43	0.01	-0.25	52.83	16.0654	0.0142	-0.0047
149	SLU 44	0.01	-0.2	52.95	16.101	0.0143	-0.0019
149	SLU 45	0.01	-0.24	53.81	16.3644	0.0145	-0.0046
149	SLU 46	0.01	-0.21	53.89	16.3858	0.0145	-0.0029
149	SLU 47	0	-0.2	53.59	16.2953	0.0146	-0.001
149	SLU 48	0.01	-0.24	54.46	16.5587	0.0147	-0.0037
149	SLU 49	0.01	-0.21	54.53	16.5801	0.0147	-0.002
149	SLU 50	0.01	-0.25	54.12	16.454	0.0147	-0.0029
149	SLU 51	0	-0.22	54.19	16.4754	0.0147	-0.0012
149	SLU 52	0	-0.15	58.05	17.6518	0.0154	-0.0005
149	SLU 53	0.01	-0.18	58.91	17.9152	0.0155	-0.0032
149	SLU 54	0.01	-0.16	58.98	17.9366	0.0156	-0.0015
149	SLU 55	0	-0.15	58.69	17.8461	0.0156	0.0005
149	SLU 56	0.01	-0.18	59.56	18.1095	0.0158	-0.0023
149	SLU 57	0	-0.16	59.63	18.1308	0.0158	-0.0006
149	SLU 58	0	-0.19	59.22	18.0048	0.0158	-0.0014
149	SLU 59	0	-0.17	59.29	18.0262	0.0158	0.0003
149	SLU 60	0.01	-0.17	60.11	18.2808	0.0158	-0.0027
149	SLU 61	0	-0.14	60.18	18.3022	0.0158	-0.001
149	SLU 62	0.01	-0.17	60.76	18.4751	0.016	-0.0017
149	SLU 63	0	-0.14	60.83	18.4965	0.0161	0
149	SLU 64	0.03	-0.17	57.14	17.3779	0.015	-0.0103
149	SLU 65	0.02	-0.12	57.26	17.4135	0.0151	-0.0075
149	SLU 66	0.03	-0.16	58.12	17.6768	0.0152	-0.0102
149	SLU 67	0.02	-0.13	58.2	17.6982	0.0153	-0.0085
149	SLU 68	0.02	-0.12	57.9	17.6078	0.0153	-0.0066
149	SLU 69	0.03	-0.16	58.77	17.8711	0.0155	-0.0093
149	SLU 70	0.02	-0.13	58.84	17.8925	0.0155	-0.0076
149	SLU 71	0.02	-0.17	58.43	17.7664	0.0155	-0.0085
149	SLU 72	0.02	-0.14	58.5	17.7878	0.0155	-0.0068
149	SLU 73	0.02	-0.07	62.36	18.9642	0.0162	-0.0061
149	SLU 74	0.03	-0.1	63.22	19.2276	0.0163	-0.0088
149	SLU 75	0.02	-0.08	63.29	19.249	0.0164	-0.0071
149	SLU 76	0.02	-0.07	63	19.1585	0.0164	-0.0051
149	SLU 77	0.02	-0.1	63.87	19.4219	0.0166	-0.0078
149	SLU 78	0.02	-0.08	63.94	19.4433	0.0166	-0.0061
149	SLU 79	0.02	-0.11	63.53	19.3172	0.0166	-0.007
149	SLU 80	0.02	-0.09	63.6	19.3386	0.0166	-0.0053
149	SLU 81	0.02	-0.09	64.42	19.5932	0.0166	-0.0083
149	SLU 82	0.02	-0.06	64.5	19.6146	0.0166	-0.0066
149	SLU 83	0.02	-0.09	65.07	19.7875	0.0168	-0.0073
149	SLU 84	0.02	-0.06	65.14	19.8089	0.0169	-0.0056
149	SLE RA 1	0.02	-0.15	43.01	13.0791	0.0114	-0.0067
149	SLE RA 2	0.01	-0.12	43.09	13.1029	0.0114	-0.0048
149	SLE RA 3	0.02	-0.14	43.66	13.2785	0.0115	-0.0066
149	SLE RA 4	0.02	-0.12	43.71	13.2927	0.0116	-0.0055
149	SLE RA 5	0.01	-0.12	43.52	13.2324	0.0116	-0.0042
149	SLE RA 6	0.02	-0.14	44.09	13.408	0.0117	-0.006
149	SLE RA 7	0.01	-0.12	44.14	13.4222	0.0117	-0.0049
149	SLE RA 8	0.02	-0.15	43.87	13.3382	0.0117	-0.0055
149	SLE RA 9	0.01	-0.13	43.91	13.3524	0.0117	-0.0043
149	SLE RA 10	0.01	-0.08	46.49	14.1367	0.0122	-0.0039
149	SLE RA 11	0.02	-0.1	47.06	14.3123	0.0123	-0.0057
149	SLE RA 12	0.01	-0.09	47.11	14.3266	0.0123	-0.0046
149	SLE RA 13	0.01	-0.08	46.91	14.2663	0.0123	-0.0032
149	SLE RA 14	0.01	-0.1	47.49	14.4418	0.0124	-0.0051
149	SLE RA 15	0.01	-0.09	47.54	14.4561	0.0124	-0.0039
149	SLE RA 16	0.01	-0.11	47.26	14.372	0.0124	-0.0045
149	SLE RA 17	0.01	-0.09	47.31	14.3863	0.0125	-0.0034
149	SLE RA 18	0.02	-0.09	47.86	14.5561	0.0124	-0.0053
149	SLE RA 19	0.01	-0.08	47.91	14.5703	0.0125	-0.0042
149	SLE RA 20	0.01	-0.09	48.29	14.6856	0.0126	-0.0047
149	SLE RA 21	0.01	-0.08	48.34	14.6998	0.0126	-0.0036
149	SLE FR 1	0.02	-0.15	43.01	13.0791	0.0114	-0.0067
149	SLE FR 2	0.02	-0.14	43.02	13.0839	0.0114	-0.0063
149	SLE FR 3	0.02	-0.15	43.18	13.1309	0.0114	-0.0065
149	SLE FR 4	0.02	-0.12	44.48	13.527	0.0117	-0.0059
149	SLE FR 5	0.02	-0.13	44.64	13.574	0.0118	-0.006
149	SLE FR 6	0.02	-0.12	45.43	13.8176	0.0119	-0.006
149	SLE QP 1	0.02	-0.15	43.01	13.0791	0.0114	-0.0067
149	SLE QP 2	0.02	-0.13	44.46	13.5222	0.0117	-0.0063



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
149	SLD 1	4.09	0.26	44.68	13.594	0.0134	-1.4308
149	SLD 2	4.52	0.23	44.69	13.6	0.0121	-1.5803
149	SLD 3	4.04	-0.8	43.24	13.2027	0.0129	-1.4151
149	SLD 4	4.47	-0.83	43.24	13.2087	0.0116	-1.5647
149	SLD 5	1.23	1.6	46.72	14.1362	0.0132	-0.4306
149	SLD 6	1.51	1.58	46.72	14.1402	0.0124	-0.5291
149	SLD 7	1.08	-1.94	41.9	12.8317	0.0115	-0.3783
149	SLD 8	1.36	-1.95	41.91	12.8357	0.0107	-0.4768
149	SLD 9	-1.33	1.69	47.02	14.2087	0.0127	0.4642
149	SLD 10	-1.04	1.68	47.02	14.2127	0.0119	0.3657
149	SLD 11	-1.48	-1.84	42.2	12.9043	0.011	0.5165
149	SLD 12	-1.19	-1.86	42.21	12.9082	0.0102	0.418
149	SLD 13	-4.43	0.57	45.68	13.8357	0.0118	1.5521
149	SLD 14	-4.01	0.54	45.69	13.8418	0.0105	1.4025
149	SLD 15	-4.48	-0.49	44.24	13.4444	0.0112	1.5677
149	SLD 16	-4.05	-0.52	44.24	13.4504	0.01	1.4182
149	SLV 1	9.54	0.73	44.93	13.6758	0.0157	-3.3397
149	SLV 2	10.54	0.68	44.94	13.6898	0.0127	-3.688
149	SLV 3	9.43	-1.67	41.65	12.7894	0.0145	-3.3033
149	SLV 4	10.43	-1.72	41.67	12.8034	0.0116	-3.6516
149	SLV 5	2.86	3.78	49.56	14.9102	0.0151	-1.0011
149	SLV 6	3.51	3.75	49.57	14.9193	0.0132	-1.2265
149	SLV 7	2.51	-4.23	38.65	11.9555	0.0113	-0.8797
149	SLV 8	3.16	-4.26	38.66	11.9646	0.0094	-1.1051
149	SLV 9	-3.12	4	50.26	15.0798	0.014	1.0925
149	SLV 10	-2.47	3.97	50.27	15.0889	0.0121	0.8671
149	SLV 11	-3.47	-4.01	39.35	12.1251	0.0102	1.2139
149	SLV 12	-2.82	-4.04	39.36	12.1342	0.0082	0.9885
149	SLV 13	-10.4	1.46	47.26	14.241	0.0118	3.639
149	SLV 14	-9.4	1.41	47.27	14.2551	0.0089	3.2907
149	SLV 15	-10.5	-0.94	43.99	13.3546	0.0107	3.6754
149	SLV 16	-9.5	-0.99	44	13.3687	0.0077	3.3271
149	CRTFP Ux+	0	0	0	0	0	0
149	CRTFP Ux-	0	0	0	0	0	0
149	CRTFP Uy+	0	0	0	0	0	0
149	CRTFP Uy-	0	0	0	0	0	0
150	SLU 1	0.02	-0.17	41.68	12.7245	-0.0046	-0.0088
150	SLU 2	0.02	-0.13	41.79	12.7596	-0.0045	-0.0055
150	SLU 3	0.02	-0.16	42.66	13.0246	-0.0048	-0.0087
150	SLU 4	0.02	-0.13	42.73	13.0456	-0.0047	-0.0068
150	SLU 5	0.01	-0.13	42.43	12.9536	-0.0046	-0.0046
150	SLU 6	0.02	-0.16	43.3	13.2186	-0.0048	-0.0078
150	SLU 7	0.02	-0.14	43.37	13.2396	-0.0047	-0.0059
150	SLU 8	0.02	-0.17	42.96	13.1125	-0.0047	-0.007
150	SLU 9	0.01	-0.15	43.03	13.1336	-0.0046	-0.005
150	SLU 10	0.01	-0.07	46.89	14.3162	-0.0053	-0.0036
150	SLU 11	0.02	-0.11	47.75	14.5812	-0.0055	-0.0068
150	SLU 12	0.01	-0.08	47.82	14.6022	-0.0055	-0.0049
150	SLU 13	0.01	-0.07	47.53	14.5102	-0.0053	-0.0027
150	SLU 14	0.02	-0.11	48.39	14.7752	-0.0055	-0.0059
150	SLU 15	0.01	-0.08	48.46	14.7962	-0.0055	-0.0039
150	SLU 16	0.01	-0.12	48.05	14.6691	-0.0054	-0.0051
150	SLU 17	0.01	-0.09	48.12	14.6902	-0.0054	-0.0031
150	SLU 18	0.02	-0.09	48.95	14.9482	-0.0057	-0.0061
150	SLU 19	0.01	-0.07	49.02	14.9693	-0.0057	-0.0041
150	SLU 20	0.01	-0.09	49.59	15.1422	-0.0057	-0.0052
150	SLU 21	0.01	-0.07	49.66	15.1633	-0.0057	-0.0032
150	SLU 22	0.04	-0.09	45.99	14.0441	-0.0056	-0.0148
150	SLU 23	0.03	-0.05	46.11	14.0791	-0.0055	-0.0115
150	SLU 24	0.04	-0.08	46.97	14.3441	-0.0057	-0.0147
150	SLU 25	0.04	-0.06	47.04	14.3651	-0.0057	-0.0128
150	SLU 26	0.03	-0.05	46.75	14.2731	-0.0055	-0.0106
150	SLU 27	0.04	-0.08	47.61	14.5381	-0.0057	-0.0138
150	SLU 28	0.03	-0.06	47.68	14.5592	-0.0057	-0.0119
150	SLU 29	0.04	-0.09	47.27	14.4321	-0.0056	-0.013
150	SLU 30	0.03	-0.07	47.34	14.4531	-0.0055	-0.011
150	SLU 31	0.03	0.01	51.2	15.6357	-0.0062	-0.0096
150	SLU 32	0.04	-0.03	52.06	15.9007	-0.0065	-0.0128
150	SLU 33	0.03	0	52.13	15.9217	-0.0064	-0.0109
150	SLU 34	0.02	0.01	51.84	15.8297	-0.0062	-0.0087
150	SLU 35	0.03	-0.03	52.7	16.0947	-0.0065	-0.0119
150	SLU 36	0.03	0	52.77	16.1157	-0.0064	-0.01
150	SLU 37	0.03	-0.04	52.36	15.9887	-0.0063	-0.0111
150	SLU 38	0.03	-0.01	52.43	16.0097	-0.0063	-0.0091
150	SLU 39	0.03	-0.01	53.26	16.2678	-0.0066	-0.0121
150	SLU 40	0.03	0.01	53.33	16.2888	-0.0066	-0.0101
150	SLU 41	0.03	-0.01	53.9	16.4618	-0.0067	-0.0112
150	SLU 42	0.03	0.01	53.97	16.4828	-0.0066	-0.0092
150	SLU 43	0.03	-0.25	52.7	16.0895	-0.0057	-0.0094
150	SLU 44	0.02	-0.2	52.82	16.1246	-0.0056	-0.0061
150	SLU 45	0.03	-0.24	53.68	16.3895	-0.0059	-0.0093
150	SLU 46	0.02	-0.21	53.75	16.4106	-0.0058	-0.0074
150	SLU 47	0.01	-0.2	53.46	16.3186	-0.0056	-0.0052
150	SLU 48	0.02	-0.24	54.32	16.5835	-0.0059	-0.0084
150	SLU 49	0.02	-0.21	54.39	16.6046	-0.0058	-0.0064
150	SLU 50	0.02	-0.25	53.98	16.4775	-0.0057	-0.0076
150	SLU 51	0.02	-0.22	54.05	16.4985	-0.0057	-0.0056
150	SLU 52	0.01	-0.15	57.91	17.6812	-0.0064	-0.0042
150	SLU 53	0.02	-0.19	58.77	17.9461	-0.0066	-0.0074



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
150	SLU 54	0.01	-0.16	58.84	17.9672	-0.0066	-0.0054
150	SLU 55	0.01	-0.15	58.55	17.8752	-0.0064	-0.0033
150	SLU 56	0.02	-0.19	59.42	18.1401	-0.0066	-0.0065
150	SLU 57	0.01	-0.16	59.49	18.1612	-0.0066	-0.0045
150	SLU 58	0.01	-0.2	59.07	18.0341	-0.0065	-0.0057
150	SLU 59	0.01	-0.17	59.14	18.0551	-0.0064	-0.0037
150	SLU 60	0.02	-0.17	59.97	18.3132	-0.0068	-0.0066
150	SLU 61	0.01	-0.14	60.04	18.3342	-0.0067	-0.0047
150	SLU 62	0.02	-0.17	60.62	18.5072	-0.0068	-0.0057
150	SLU 63	0.01	-0.15	60.69	18.5282	-0.0067	-0.0038
150	SLU 64	0.04	-0.17	57.01	17.409	-0.0066	-0.0154
150	SLU 65	0.03	-0.13	57.13	17.4441	-0.0065	-0.0121
150	SLU 66	0.04	-0.16	57.99	17.709	-0.0068	-0.0153
150	SLU 67	0.04	-0.13	58.07	17.7301	-0.0067	-0.0134
150	SLU 68	0.03	-0.13	57.77	17.6381	-0.0066	-0.0112
150	SLU 69	0.04	-0.16	58.64	17.9031	-0.0068	-0.0144
150	SLU 70	0.03	-0.14	58.71	17.9241	-0.0067	-0.0125
150	SLU 71	0.04	-0.17	58.29	17.797	-0.0067	-0.0136
150	SLU 72	0.03	-0.14	58.36	17.8181	-0.0066	-0.0116
150	SLU 73	0.03	-0.07	62.22	19.0007	-0.0073	-0.0102
150	SLU 74	0.04	-0.11	63.09	19.2656	-0.0075	-0.0134
150	SLU 75	0.03	-0.08	63.16	19.2867	-0.0075	-0.0114
150	SLU 76	0.03	-0.07	62.86	19.1947	-0.0073	-0.0093
150	SLU 77	0.03	-0.11	63.73	19.4596	-0.0075	-0.0125
150	SLU 78	0.03	-0.08	63.8	19.4807	-0.0075	-0.0105
150	SLU 79	0.03	-0.12	63.39	19.3536	-0.0074	-0.0117
150	SLU 80	0.03	-0.09	63.46	19.3747	-0.0074	-0.0097
150	SLU 81	0.03	-0.09	64.29	19.6327	-0.0077	-0.0127
150	SLU 82	0.03	-0.07	64.36	19.6538	-0.0077	-0.0107
150	SLU 83	0.03	-0.09	64.93	19.8267	-0.0077	-0.0117
150	SLU 84	0.03	-0.07	65	19.8478	-0.0077	-0.0098
150	SLE RA 1	0.03	-0.15	42.91	13.1015	-0.0049	-0.0105
150	SLE RA 2	0.02	-0.12	42.99	13.1249	-0.0048	-0.0083
150	SLE RA 3	0.03	-0.14	43.56	13.3016	-0.005	-0.0105
150	SLE RA 4	0.03	-0.12	43.61	13.3156	-0.005	-0.0092
150	SLE RA 5	0.02	-0.12	43.41	13.2543	-0.0049	-0.0077
150	SLE RA 6	0.03	-0.14	43.99	13.4309	-0.005	-0.0099
150	SLE RA 7	0.02	-0.12	44.04	13.4449	-0.005	-0.0086
150	SLE RA 8	0.03	-0.15	43.76	13.3602	-0.0049	-0.0093
150	SLE RA 9	0.02	-0.13	43.81	13.3742	-0.0049	-0.008
150	SLE RA 10	0.02	-0.08	46.38	14.1627	-0.0053	-0.0071
150	SLE RA 11	0.03	-0.11	46.96	14.3393	-0.0055	-0.0092
150	SLE RA 12	0.02	-0.09	47	14.3533	-0.0055	-0.0079
150	SLE RA 13	0.02	-0.08	46.81	14.292	-0.0054	-0.0065
150	SLE RA 14	0.02	-0.11	47.39	14.4686	-0.0055	-0.0086
150	SLE RA 15	0.02	-0.09	47.43	14.4827	-0.0055	-0.0073
150	SLE RA 16	0.02	-0.11	47.16	14.3979	-0.0054	-0.008
150	SLE RA 17	0.02	-0.1	47.2	14.412	-0.0054	-0.0067
150	SLE RA 18	0.02	-0.1	47.76	14.584	-0.0056	-0.0087
150	SLE RA 19	0.02	-0.08	47.8	14.598	-0.0056	-0.0074
150	SLE RA 20	0.02	-0.1	48.19	14.7133	-0.0056	-0.0081
150	SLE RA 21	0.02	-0.08	48.23	14.7274	-0.0056	-0.0068
150	SLE FR 1	0.03	-0.15	42.91	13.1015	-0.0049	-0.0105
150	SLE FR 2	0.03	-0.14	42.92	13.1062	-0.0049	-0.0101
150	SLE FR 3	0.03	-0.15	43.08	13.1533	-0.0049	-0.0103
150	SLE FR 4	0.03	-0.13	44.38	13.551	-0.0051	-0.0095
150	SLE FR 5	0.03	-0.13	44.53	13.598	-0.0051	-0.0097
150	SLE FR 6	0.03	-0.12	45.33	13.8428	-0.0053	-0.0096
150	SLE QP 1	0.03	-0.15	42.91	13.1015	-0.0049	-0.0105
150	SLE QP 2	0.03	-0.13	44.36	13.5463	-0.0051	-0.01
150	SLD 1	4.09	0.25	44.54	13.6139	-0.0035	-1.4315
150	SLD 2	4.52	0.24	44.58	13.6318	-0.0047	-1.5809
150	SLD 3	4.04	-0.81	43.1	13.2226	-0.0033	-1.4157
150	SLD 4	4.47	-0.82	43.15	13.2405	-0.0046	-1.565
150	SLD 5	1.24	1.6	46.59	14.1568	-0.0046	-0.4337
150	SLD 6	1.52	1.59	46.62	14.1686	-0.0055	-0.5321
150	SLD 7	1.09	-1.95	41.8	12.8525	-0.0041	-0.3808
150	SLD 8	1.37	-1.96	41.82	12.8643	-0.0049	-0.4792
150	SLD 9	-1.31	1.69	46.9	14.2283	-0.0053	0.4592
150	SLD 10	-1.03	1.69	46.93	14.24	-0.0061	0.3609
150	SLD 11	-1.47	-1.86	42.11	12.9239	-0.0048	0.5121
150	SLD 12	-1.18	-1.86	42.14	12.9357	-0.0056	0.4138
150	SLD 13	-4.42	0.56	45.58	13.852	-0.0057	1.5451
150	SLD 14	-3.99	0.55	45.62	13.8699	-0.0069	1.3957
150	SLD 15	-4.46	-0.51	44.14	13.4607	-0.0055	1.5609
150	SLD 16	-4.03	-0.51	44.19	13.4786	-0.0068	1.4116
150	SLV 1	9.53	0.72	44.72	13.6902	-0.0013	-3.3366
150	SLV 2	10.53	0.71	44.82	13.7319	-0.0042	-3.6843
150	SLV 3	9.43	-1.69	41.46	12.8039	-0.0009	-3.2997
150	SLV 4	10.42	-1.71	41.57	12.8456	-0.0038	-3.6475
150	SLV 5	2.87	3.79	49.39	14.9265	-0.004	-1.0035
150	SLV 6	3.51	3.78	49.46	14.9535	-0.0059	-1.2285
150	SLV 7	2.51	-4.26	38.54	11.972	-0.0028	-0.8807
150	SLV 8	3.16	-4.27	38.6	11.999	-0.0047	-1.1057
150	SLV 9	-3.1	4	50.12	15.0936	-0.0056	1.0858
150	SLV 10	-2.46	3.99	50.19	15.1205	-0.0074	0.8607
150	SLV 11	-3.46	-4.04	39.27	12.1391	-0.0043	1.2086
150	SLV 12	-2.81	-4.05	39.33	12.166	-0.0062	0.9835
150	SLV 13	-10.37	1.44	47.16	14.247	-0.0064	3.6275



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
150	SLV 14	-9.37	1.43	47.26	14.2887	-0.0093	3.2798
150	SLV 15	-10.48	-0.97	43.9	13.3606	-0.006	3.6644
150	SLV 16	-9.48	-0.99	44	13.4023	-0.0089	3.3166
150	CRTFP Ux+	0	0	0	0	0	0
150	CRTFP Ux-	0	0	0	0	0	0
150	CRTFP Uy+	0	0	0	0	0	0
150	CRTFP Uy-	0	0	0	0	0	0
151	SLU 1	0.04	-0.19	42.03	13.0986	-0.0171	-0.0134
151	SLU 2	0.03	-0.14	42.14	13.1335	-0.017	-0.0096
151	SLU 3	0.04	-0.18	43.02	13.4081	-0.0176	-0.0134
151	SLU 4	0.03	-0.15	43.09	13.429	-0.0175	-0.0111
151	SLU 5	0.02	-0.14	42.79	13.3328	-0.0172	-0.0088
151	SLU 6	0.03	-0.18	43.66	13.6074	-0.0178	-0.0125
151	SLU 7	0.03	-0.15	43.73	13.6283	-0.0177	-0.0103
151	SLU 8	0.03	-0.19	43.32	13.4972	-0.0175	-0.0117
151	SLU 9	0.02	-0.16	43.38	13.5181	-0.0175	-0.0094
151	SLU 10	0.02	-0.09	47.28	14.7387	-0.0192	-0.0073
151	SLU 11	0.03	-0.13	48.16	15.0133	-0.0197	-0.011
151	SLU 12	0.02	-0.1	48.23	15.0342	-0.0196	-0.0088
151	SLU 13	0.02	-0.09	47.93	14.938	-0.0194	-0.0064
151	SLU 14	0.03	-0.13	48.8	15.2126	-0.0199	-0.0102
151	SLU 15	0.02	-0.1	48.87	15.2335	-0.0198	-0.0079
151	SLU 16	0.02	-0.14	48.46	15.1025	-0.0197	-0.0093
151	SLU 17	0.02	-0.11	48.52	15.1234	-0.0196	-0.0071
151	SLU 18	0.03	-0.11	49.37	15.3918	-0.0202	-0.01
151	SLU 19	0.02	-0.09	49.44	15.4127	-0.0201	-0.0078
151	SLU 20	0.02	-0.11	50.01	15.5911	-0.0204	-0.0092
151	SLU 21	0.02	-0.09	50.08	15.612	-0.0203	-0.0069
151	SLU 22	0.05	-0.11	46.39	14.4631	-0.0194	-0.0199
151	SLU 23	0.04	-0.06	46.51	14.498	-0.0193	-0.0161
151	SLU 24	0.05	-0.1	47.38	14.7726	-0.0198	-0.0199
151	SLU 25	0.05	-0.07	47.45	14.7935	-0.0197	-0.0176
151	SLU 26	0.04	-0.07	47.15	14.6973	-0.0195	-0.0153
151	SLU 27	0.05	-0.1	48.03	14.9719	-0.02	-0.019
151	SLU 28	0.05	-0.08	48.1	14.9928	-0.0199	-0.0168
151	SLU 29	0.05	-0.11	47.68	14.8617	-0.0198	-0.0182
151	SLU 30	0.04	-0.08	47.75	14.8826	-0.0197	-0.0159
151	SLU 31	0.04	-0.01	51.65	16.1032	-0.0214	-0.0138
151	SLU 32	0.05	-0.05	52.52	16.3778	-0.0219	-0.0175
151	SLU 33	0.04	-0.02	52.59	16.3987	-0.0218	-0.0153
151	SLU 34	0.03	-0.01	52.29	16.3025	-0.0216	-0.0129
151	SLU 35	0.04	-0.05	53.17	16.5771	-0.0221	-0.0167
151	SLU 36	0.04	-0.02	53.24	16.598	-0.0221	-0.0144
151	SLU 37	0.04	-0.06	52.82	16.467	-0.0219	-0.0158
151	SLU 38	0.04	-0.03	52.89	16.4879	-0.0218	-0.0136
151	SLU 39	0.04	-0.04	53.73	16.7563	-0.0224	-0.0165
151	SLU 40	0.04	-0.01	53.8	16.7772	-0.0223	-0.0143
151	SLU 41	0.04	-0.04	54.38	16.9556	-0.0226	-0.0157
151	SLU 42	0.04	-0.01	54.45	16.9766	-0.0225	-0.0134
151	SLU 43	0.04	-0.27	53.14	16.5604	-0.0215	-0.0152
151	SLU 44	0.03	-0.22	53.25	16.5952	-0.0214	-0.0114
151	SLU 45	0.04	-0.26	54.13	16.8698	-0.0219	-0.0152
151	SLU 46	0.03	-0.23	54.2	16.8907	-0.0219	-0.0129
151	SLU 47	0.03	-0.22	53.9	16.7945	-0.0216	-0.0106
151	SLU 48	0.04	-0.26	54.78	17.0691	-0.0221	-0.0143
151	SLU 49	0.03	-0.24	54.84	17.09	-0.0221	-0.012
151	SLU 50	0.04	-0.27	54.43	16.959	-0.0219	-0.0134
151	SLU 51	0.03	-0.24	54.5	16.9799	-0.0219	-0.0112
151	SLU 52	0.02	-0.17	58.39	18.2005	-0.0235	-0.0091
151	SLU 53	0.03	-0.21	59.27	18.4751	-0.0241	-0.0128
151	SLU 54	0.03	-0.18	59.34	18.496	-0.024	-0.0105
151	SLU 55	0.02	-0.17	59.04	18.3998	-0.0237	-0.0082
151	SLU 56	0.03	-0.21	59.92	18.6744	-0.0243	-0.0119
151	SLU 57	0.02	-0.18	59.98	18.6953	-0.0242	-0.0097
151	SLU 58	0.03	-0.22	59.57	18.5642	-0.024	-0.0111
151	SLU 59	0.02	-0.19	59.64	18.5851	-0.024	-0.0088
151	SLU 60	0.03	-0.2	60.48	18.8536	-0.0245	-0.0118
151	SLU 61	0.02	-0.17	60.55	18.8745	-0.0245	-0.0095
151	SLU 62	0.03	-0.2	61.13	19.0529	-0.0247	-0.0109
151	SLU 63	0.02	-0.17	61.19	19.0738	-0.0247	-0.0087
151	SLU 64	0.06	-0.19	57.5	17.9249	-0.0237	-0.0217
151	SLU 65	0.05	-0.15	57.62	17.9597	-0.0236	-0.0179
151	SLU 66	0.06	-0.18	58.5	18.2343	-0.0242	-0.0217
151	SLU 67	0.05	-0.16	58.56	18.2552	-0.0241	-0.0194
151	SLU 68	0.05	-0.15	58.26	18.159	-0.0238	-0.0171
151	SLU 69	0.06	-0.19	59.14	18.4336	-0.0244	-0.0208
151	SLU 70	0.05	-0.16	59.21	18.4545	-0.0243	-0.0186
151	SLU 71	0.05	-0.19	58.79	18.3235	-0.0242	-0.02
151	SLU 72	0.05	-0.17	58.86	18.3444	-0.0241	-0.0177
151	SLU 73	0.04	-0.1	62.76	19.565	-0.0258	-0.0156
151	SLU 74	0.05	-0.13	63.64	19.8396	-0.0263	-0.0193
151	SLU 75	0.05	-0.11	63.7	19.8605	-0.0262	-0.0171
151	SLU 76	0.04	-0.1	63.4	19.7643	-0.026	-0.0147
151	SLU 77	0.05	-0.13	64.28	20.0389	-0.0265	-0.0185
151	SLU 78	0.04	-0.11	64.35	20.0598	-0.0264	-0.0162
151	SLU 79	0.05	-0.14	63.93	19.9287	-0.0263	-0.0176
151	SLU 80	0.04	-0.12	64	19.9496	-0.0262	-0.0154
151	SLU 81	0.05	-0.12	64.85	20.2181	-0.0268	-0.0183
151	SLU 82	0.04	-0.09	64.91	20.239	-0.0267	-0.0161



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
151	SLU 83	0.05	-0.12	65.49	20.4174	-0.027	-0.0175
151	SLU 84	0.04	-0.09	65.56	20.4383	-0.0269	-0.0152
151	SLE RA 1	0.04	-0.16	43.27	13.4885	-0.0178	-0.0152
151	SLE RA 2	0.03	-0.13	43.35	13.5117	-0.0177	-0.0127
151	SLE RA 3	0.04	-0.16	43.94	13.6948	-0.0181	-0.0152
151	SLE RA 4	0.04	-0.14	43.98	13.7087	-0.018	-0.0137
151	SLE RA 5	0.03	-0.14	43.78	13.6446	-0.0178	-0.0122
151	SLE RA 6	0.04	-0.16	44.37	13.8276	-0.0182	-0.0147
151	SLE RA 7	0.04	-0.14	44.41	13.8416	-0.0182	-0.0132
151	SLE RA 8	0.04	-0.17	44.13	13.7542	-0.018	-0.0141
151	SLE RA 9	0.03	-0.15	44.18	13.7682	-0.018	-0.0126
151	SLE RA 10	0.03	-0.1	46.78	14.5819	-0.0191	-0.0112
151	SLE RA 11	0.04	-0.13	47.36	14.7649	-0.0195	-0.0137
151	SLE RA 12	0.03	-0.11	47.41	14.7789	-0.0194	-0.0122
151	SLE RA 13	0.03	-0.1	47.21	14.7148	-0.0193	-0.0106
151	SLE RA 14	0.03	-0.13	47.79	14.8978	-0.0196	-0.0131
151	SLE RA 15	0.03	-0.11	47.84	14.9117	-0.0196	-0.0116
151	SLE RA 16	0.03	-0.13	47.56	14.8244	-0.0195	-0.0125
151	SLE RA 17	0.03	-0.11	47.61	14.8383	-0.0194	-0.011
151	SLE RA 18	0.03	-0.12	48.17	15.0173	-0.0198	-0.013
151	SLE RA 19	0.03	-0.1	48.22	15.0312	-0.0197	-0.0115
151	SLE RA 20	0.03	-0.12	48.6	15.1502	-0.0199	-0.0124
151	SLE RA 21	0.03	-0.1	48.64	15.1641	-0.0199	-0.0109
151	SLE FR 1	0.04	-0.16	43.27	13.4885	-0.0178	-0.0152
151	SLE FR 2	0.04	-0.16	43.29	13.4931	-0.0178	-0.0147
151	SLE FR 3	0.04	-0.16	43.45	13.5416	-0.0178	-0.015
151	SLE FR 4	0.04	-0.14	44.76	13.9518	-0.0184	-0.0141
151	SLE FR 5	0.04	-0.15	44.91	14.0003	-0.0184	-0.0143
151	SLE FR 6	0.04	-0.14	45.72	14.2529	-0.0188	-0.0141
151	SLE QP 1	0.04	-0.16	43.27	13.4885	-0.0178	-0.0152
151	SLE QP 2	0.04	-0.15	44.74	13.9471	-0.0184	-0.0146
151	SLD 1	4.09	0.25	44.86	14.0021	-0.0157	-1.4318
151	SLD 2	4.52	0.26	44.94	14.0311	-0.0169	-1.5808
151	SLD 3	4.04	-0.82	43.41	13.6022	-0.0153	-1.4157
151	SLD 4	4.47	-0.81	43.49	13.6312	-0.0164	-1.5647
151	SLD 5	1.25	1.59	46.95	14.565	-0.018	-0.4375
151	SLD 6	1.53	1.6	47.01	14.5841	-0.0188	-0.5356
151	SLD 7	1.09	-1.98	42.14	13.2319	-0.0166	-0.3837
151	SLD 8	1.38	-1.97	42.19	13.251	-0.0173	-0.4818
151	SLD 9	-1.3	1.67	47.29	14.6432	-0.0194	0.4527
151	SLD 10	-1.02	1.68	47.35	14.6623	-0.0202	0.3546
151	SLD 11	-1.45	-1.9	42.48	13.3102	-0.018	0.5065
151	SLD 12	-1.17	-1.89	42.53	13.3293	-0.0187	0.4084
151	SLD 13	-4.39	0.51	45.99	14.2631	-0.0203	1.5355
151	SLD 14	-3.97	0.52	46.08	14.2921	-0.0215	1.3865
151	SLD 15	-4.44	-0.56	44.55	13.8631	-0.0199	1.5517
151	SLD 16	-4.01	-0.55	44.63	13.8921	-0.021	1.4027
151	SLV 1	9.52	0.75	44.95	14.0612	-0.0122	-3.3311
151	SLV 2	10.52	0.77	45.14	14.1287	-0.0149	-3.678
151	SLV 3	9.41	-1.68	41.68	13.1553	-0.0112	-3.2936
151	SLV 4	10.41	-1.65	41.87	13.2228	-0.0139	-3.6406
151	SLV 5	2.87	3.8	49.74	15.3435	-0.0176	-1.0061
151	SLV 6	3.52	3.81	49.86	15.3872	-0.0193	-1.2306
151	SLV 7	2.52	-4.29	38.83	12.324	-0.0142	-0.8813
151	SLV 8	3.16	-4.28	38.95	12.3676	-0.016	-1.1058
151	SLV 9	-3.08	3.98	50.53	15.5266	-0.0208	1.0766
151	SLV 10	-2.44	3.99	50.66	15.5703	-0.0225	0.8521
151	SLV 11	-3.44	-4.11	39.63	12.507	-0.0175	1.2015
151	SLV 12	-2.8	-4.09	39.75	12.5507	-0.0192	0.977
151	SLV 13	-10.33	1.35	47.61	14.6714	-0.0229	3.6114
151	SLV 14	-9.33	1.38	47.81	14.7389	-0.0256	3.2645
151	SLV 15	-10.44	-1.07	44.34	13.7655	-0.0219	3.6489
151	SLV 16	-9.44	-1.05	44.53	13.833	-0.0246	3.3019
151	CRTFP Ux+	0	0	0	0	0	0
151	CRTFP Ux-	0	0	0	0	0	0
151	CRTFP Uy+	0	0	0	0	0	0
151	CRTFP Uy-	0	0	0	0	0	0
152	SLU 1	0.04	-0.2	38.55	12.3934	0.7016	-0.013
152	SLU 2	0.03	-0.15	38.65	12.4247	0.7035	-0.01
152	SLU 3	0.04	-0.19	39.46	12.6864	0.7182	-0.0132
152	SLU 4	0.04	-0.17	39.52	12.7052	0.7193	-0.0113
152	SLU 5	0.03	-0.16	39.24	12.613	0.7143	-0.0092
152	SLU 6	0.04	-0.19	40.05	12.8748	0.7289	-0.0124
152	SLU 7	0.04	-0.17	40.11	12.8936	0.7301	-0.0106
152	SLU 8	0.04	-0.2	39.73	12.7701	0.7231	-0.0115
152	SLU 9	0.03	-0.18	39.79	12.7888	0.7243	-0.0097
152	SLU 10	0.03	-0.11	43.36	13.944	0.7895	-0.0083
152	SLU 11	0.04	-0.15	44.17	14.2058	0.8041	-0.0114
152	SLU 12	0.03	-0.12	44.23	14.2246	0.8053	-0.0096
152	SLU 13	0.02	-0.11	43.95	14.1324	0.8002	-0.0075
152	SLU 14	0.04	-0.15	44.76	14.3941	0.8149	-0.0107
152	SLU 15	0.03	-0.13	44.82	14.4129	0.816	-0.0089
152	SLU 16	0.03	-0.16	44.44	14.2894	0.8091	-0.0097
152	SLU 17	0.03	-0.13	44.5	14.3082	0.8102	-0.0079
152	SLU 18	0.03	-0.14	45.28	14.5639	0.8243	-0.0105
152	SLU 19	0.03	-0.11	45.34	14.5827	0.8255	-0.0087
152	SLU 20	0.03	-0.14	45.87	14.7522	0.8351	-0.0098
152	SLU 21	0.03	-0.11	45.93	14.771	0.8363	-0.008
152	SLU 22	0.06	-0.13	42.57	13.6895	0.7744	-0.0206



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
152	SLU 23	0.05	-0.09	42.67	13.7208	0.7763	-0.0176
152	SLU 24	0.06	-0.12	43.48	13.9825	0.7909	-0.0208
152	SLU 25	0.06	-0.1	43.54	14.0013	0.7921	-0.019
152	SLU 26	0.05	-0.09	43.26	13.9091	0.7871	-0.0168
152	SLU 27	0.06	-0.13	44.07	14.1708	0.8017	-0.02
152	SLU 28	0.05	-0.1	44.13	14.1896	0.8029	-0.0182
152	SLU 29	0.06	-0.13	43.74	14.0661	0.7959	-0.0191
152	SLU 30	0.05	-0.11	43.8	14.0849	0.7971	-0.0173
152	SLU 31	0.04	-0.05	47.38	15.2401	0.8623	-0.0159
152	SLU 32	0.06	-0.08	48.19	15.5018	0.8769	-0.0191
152	SLU 33	0.05	-0.06	48.25	15.5206	0.8781	-0.0172
152	SLU 34	0.04	-0.05	47.97	15.4284	0.873	-0.0151
152	SLU 35	0.05	-0.08	48.78	15.6902	0.8877	-0.0183
152	SLU 36	0.05	-0.06	48.84	15.7089	0.8888	-0.0165
152	SLU 37	0.05	-0.09	48.46	15.5854	0.8819	-0.0174
152	SLU 38	0.04	-0.07	48.52	15.6042	0.883	-0.0156
152	SLU 39	0.05	-0.07	49.3	15.8599	0.8971	-0.0182
152	SLU 40	0.05	-0.05	49.36	15.8787	0.8983	-0.0164
152	SLU 41	0.05	-0.07	49.89	16.0483	0.9079	-0.0174
152	SLU 42	0.04	-0.05	49.95	16.067	0.9091	-0.0156
152	SLU 43	0.05	-0.28	48.74	15.6671	0.8871	-0.0143
152	SLU 44	0.04	-0.24	48.84	15.6984	0.8891	-0.0113
152	SLU 45	0.05	-0.27	49.65	15.9601	0.9037	-0.0144
152	SLU 46	0.05	-0.25	49.71	15.9789	0.9048	-0.0126
152	SLU 47	0.04	-0.24	49.43	15.8867	0.8998	-0.0105
152	SLU 48	0.05	-0.27	50.24	16.1484	0.9144	-0.0137
152	SLU 49	0.04	-0.25	50.3	16.1672	0.9156	-0.0119
152	SLU 50	0.05	-0.28	49.92	16.0437	0.9086	-0.0128
152	SLU 51	0.04	-0.26	49.98	16.0625	0.9098	-0.0109
152	SLU 52	0.03	-0.19	53.55	17.2177	0.975	-0.0095
152	SLU 53	0.04	-0.23	54.36	17.4794	0.9896	-0.0127
152	SLU 54	0.04	-0.21	54.42	17.4982	0.9908	-0.0109
152	SLU 55	0.03	-0.2	54.14	17.406	0.9858	-0.0088
152	SLU 56	0.04	-0.23	54.95	17.6678	1.0004	-0.012
152	SLU 57	0.04	-0.21	55.01	17.6865	1.0016	-0.0101
152	SLU 58	0.04	-0.24	54.63	17.563	0.9946	-0.011
152	SLU 59	0.03	-0.22	54.69	17.5818	0.9958	-0.0092
152	SLU 60	0.04	-0.22	55.47	17.8375	1.0099	-0.0118
152	SLU 61	0.03	-0.19	55.53	17.8563	1.011	-0.01
152	SLU 62	0.04	-0.22	56.06	18.0259	1.0206	-0.0111
152	SLU 63	0.03	-0.2	56.12	18.0446	1.0218	-0.0092
152	SLU 64	0.07	-0.21	52.76	16.9631	0.9599	-0.0219
152	SLU 65	0.06	-0.17	52.86	16.9944	0.9619	-0.0189
152	SLU 66	0.07	-0.21	53.67	17.2562	0.9765	-0.0221
152	SLU 67	0.06	-0.18	53.73	17.275	0.9776	-0.0203
152	SLU 68	0.06	-0.17	53.44	17.1828	0.9726	-0.0181
152	SLU 69	0.07	-0.21	54.26	17.4445	0.9872	-0.0213
152	SLU 70	0.06	-0.18	54.32	17.4633	0.9884	-0.0195
152	SLU 71	0.07	-0.22	53.93	17.3398	0.9814	-0.0204
152	SLU 72	0.06	-0.19	53.99	17.3586	0.9826	-0.0186
152	SLU 73	0.05	-0.13	57.57	18.5138	1.0478	-0.0172
152	SLU 74	0.06	-0.16	58.38	18.7755	1.0624	-0.0204
152	SLU 75	0.06	-0.14	58.44	18.7943	1.0636	-0.0185
152	SLU 76	0.05	-0.13	58.16	18.7021	1.0586	-0.0164
152	SLU 77	0.06	-0.17	58.97	18.9638	1.0732	-0.0196
152	SLU 78	0.05	-0.14	59.03	18.9826	1.0743	-0.0178
152	SLU 79	0.06	-0.17	58.65	18.8591	1.0674	-0.0187
152	SLU 80	0.05	-0.15	58.71	18.8779	1.0685	-0.0168
152	SLU 81	0.06	-0.15	59.49	19.1336	1.0827	-0.0195
152	SLU 82	0.05	-0.13	59.55	19.1524	1.0838	-0.0176
152	SLU 83	0.06	-0.16	60.08	19.3219	1.0934	-0.0187
152	SLU 84	0.05	-0.13	60.14	19.3407	1.0946	-0.0169
152	SLE RA 1	0.05	-0.18	39.7	12.7637	0.7224	-0.0152
152	SLE RA 2	0.04	-0.15	39.77	12.7846	0.7237	-0.0132
152	SLE RA 3	0.05	-0.17	40.31	12.9591	0.7334	-0.0153
152	SLE RA 4	0.05	-0.16	40.35	12.9716	0.7342	-0.0141
152	SLE RA 5	0.04	-0.15	40.16	12.9101	0.7309	-0.0127
152	SLE RA 6	0.05	-0.17	40.7	13.0846	0.7406	-0.0148
152	SLE RA 7	0.04	-0.16	40.74	13.0971	0.7414	-0.0136
152	SLE RA 8	0.05	-0.18	40.48	13.0148	0.7367	-0.0142
152	SLE RA 9	0.04	-0.16	40.52	13.0273	0.7375	-0.013
152	SLE RA 10	0.04	-0.12	42.91	13.7975	0.781	-0.012
152	SLE RA 11	0.04	-0.15	43.45	13.972	0.7907	-0.0141
152	SLE RA 12	0.04	-0.13	43.49	13.9845	0.7915	-0.0129
152	SLE RA 13	0.04	-0.12	43.3	13.923	0.7882	-0.0115
152	SLE RA 14	0.04	-0.15	43.84	14.0975	0.7979	-0.0136
152	SLE RA 15	0.04	-0.13	43.88	14.11	0.7987	-0.0124
152	SLE RA 16	0.04	-0.15	43.63	14.0277	0.794	-0.013
152	SLE RA 17	0.04	-0.14	43.67	14.0402	0.7948	-0.0118
152	SLE RA 18	0.04	-0.14	44.19	14.2107	0.8042	-0.0135
152	SLE RA 19	0.04	-0.12	44.23	14.2232	0.805	-0.0123
152	SLE RA 20	0.04	-0.14	44.58	14.3362	0.8114	-0.013
152	SLE RA 21	0.04	-0.12	44.62	14.3488	0.8122	-0.0118
152	SLE FR 1	0.05	-0.18	39.7	12.7637	0.7224	-0.0152
152	SLE FR 2	0.05	-0.17	39.71	12.7679	0.7226	-0.0148
152	SLE FR 3	0.05	-0.18	39.86	12.8139	0.7253	-0.015
152	SLE FR 4	0.05	-0.16	41.06	13.202	0.7472	-0.0143
152	SLE FR 5	0.05	-0.17	41.2	13.248	0.7498	-0.0145
152	SLE FR 6	0.05	-0.16	41.94	13.4872	0.7633	-0.0144



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
152	SLE QP 1	0.05	-0.18	39.7	12.7637	0.7224	-0.0152
152	SLE QP 2	0.05	-0.17	41.05	13.1978	0.7469	-0.0147
152	SLD 1	3.7	0.23	41.05	13.2199	0.7504	-1.2975
152	SLD 2	4.09	0.25	41.16	13.2543	0.7516	-1.4324
152	SLD 3	3.66	-0.74	39.73	12.8464	0.7262	-1.2687
152	SLD 4	4.04	-0.72	39.84	12.8808	0.7274	-1.4037
152	SLD 5	1.14	1.42	43.03	13.7648	0.7845	-0.419
152	SLD 6	1.39	1.44	43.1	13.7874	0.7852	-0.5079
152	SLD 7	1	-1.82	38.63	12.5198	0.7038	-0.3231
152	SLD 8	1.25	-1.8	38.7	12.5424	0.7046	-0.4119
152	SLD 9	-1.16	1.47	43.39	13.8532	0.7893	0.3825
152	SLD 10	-0.9	1.48	43.46	13.8759	0.79	0.2937
152	SLD 11	-1.3	-1.77	38.99	12.6082	0.7086	0.4785
152	SLD 12	-1.04	-1.75	39.06	12.6309	0.7094	0.3896
152	SLD 13	-3.95	0.39	42.25	13.5148	0.7664	1.3743
152	SLD 14	-3.56	0.41	42.36	13.5492	0.7676	1.2393
152	SLD 15	-3.99	-0.58	40.93	13.1413	0.7423	1.403
152	SLD 16	-3.61	-0.56	41.04	13.1757	0.7434	1.2681
152	SLV 1	8.6	0.72	41.01	13.236	0.7542	-3.0158
152	SLV 2	9.49	0.78	41.26	13.3161	0.757	-3.33
152	SLV 3	8.5	-1.48	38.03	12.39	0.6994	-2.9502
152	SLV 4	9.4	-1.42	38.27	12.47	0.7022	-3.2645
152	SLV 5	2.61	3.43	45.53	14.4785	0.8317	-0.9599
152	SLV 6	3.19	3.47	45.68	14.5303	0.8335	-1.1633
152	SLV 7	2.28	-3.91	35.57	11.6584	0.6491	-0.7414
152	SLV 8	2.86	-3.87	35.72	11.7102	0.6509	-0.9447
152	SLV 9	-2.76	3.54	46.37	14.6854	0.843	0.9153
152	SLV 10	-2.18	3.58	46.53	14.7372	0.8447	0.712
152	SLV 11	-3.09	-3.8	36.41	11.8653	0.6604	1.1339
152	SLV 12	-2.51	-3.76	36.56	11.9171	0.6621	0.9305
152	SLV 13	-9.3	1.09	43.82	13.9256	0.7917	3.2351
152	SLV 14	-8.4	1.15	44.07	14.0056	0.7944	2.9208
152	SLV 15	-9.4	-1.11	40.84	13.0795	0.7369	3.3006
152	SLV 16	-8.5	-1.05	41.08	13.1596	0.7396	2.9864
152	CRTFP Ux+	0	0	0	0	0	0
152	CRTFP Ux-	0	0	0	0	0	0
152	CRTFP Uy+	0	0	0	0	0	0
152	CRTFP Uy-	0	0	0	0	0	0
154	SLU 1	0.06	-0.3	55.74	11.8429	11.9719	0.046
154	SLU 2	0.04	-0.24	55.88	11.8719	12.0047	0.0365
154	SLU 3	0.06	-0.3	57.05	12.1227	12.2549	0.0442
154	SLU 4	0.05	-0.26	57.14	12.1401	12.2745	0.0386
154	SLU 5	0.04	-0.25	56.73	12.0522	12.1884	0.0379
154	SLU 6	0.06	-0.3	57.91	12.303	12.4386	0.0456
154	SLU 7	0.05	-0.26	57.99	12.3204	12.4583	0.0399
154	SLU 8	0.05	-0.31	57.44	12.2034	12.3393	0.0487
154	SLU 9	0.04	-0.27	57.53	12.2208	12.359	0.043
154	SLU 10	0.03	-0.19	62.68	13.321	13.4704	0.0272
154	SLU 11	0.04	-0.24	63.85	13.5718	13.7206	0.0349
154	SLU 12	0.03	-0.21	63.94	13.5892	13.7402	0.0293
154	SLU 13	0.03	-0.19	63.53	13.5013	13.6541	0.0286
154	SLU 14	0.04	-0.25	64.7	13.7521	13.9043	0.0363
154	SLU 15	0.03	-0.21	64.79	13.7695	13.924	0.0306
154	SLU 16	0.04	-0.26	64.24	13.6525	13.805	0.0394
154	SLU 17	0.03	-0.22	64.33	13.67	13.8247	0.0337
154	SLU 18	0.04	-0.23	65.45	13.9131	14.0657	0.0327
154	SLU 19	0.03	-0.19	65.54	13.9305	14.0854	0.027
154	SLU 20	0.03	-0.23	66.3	14.0933	14.2495	0.034
154	SLU 21	0.02	-0.19	66.39	14.1107	14.2691	0.0284
154	SLU 22	0.08	-0.21	61.54	13.0815	13.216	0.02
154	SLU 23	0.07	-0.15	61.68	13.1105	13.2488	0.0105
154	SLU 24	0.08	-0.21	62.85	13.3613	13.499	0.0182
154	SLU 25	0.07	-0.17	62.94	13.3787	13.5186	0.0126
154	SLU 26	0.06	-0.16	62.53	13.2908	13.4325	0.0119
154	SLU 27	0.08	-0.21	63.71	13.5416	13.6827	0.0196
154	SLU 28	0.07	-0.17	63.79	13.559	13.7024	0.0139
154	SLU 29	0.08	-0.22	63.24	13.442	13.5834	0.0226
154	SLU 30	0.07	-0.18	63.33	13.4595	13.6031	0.017
154	SLU 31	0.05	-0.1	68.48	14.5597	14.7145	0.0012
154	SLU 32	0.07	-0.15	69.65	14.8105	14.9647	0.0089
154	SLU 33	0.06	-0.12	69.74	14.8279	14.9843	0.0033
154	SLU 34	0.05	-0.1	69.33	14.7399	14.8982	0.0026
154	SLU 35	0.06	-0.16	70.5	14.9907	15.1484	0.0103
154	SLU 36	0.06	-0.12	70.59	15.0081	15.1681	0.0046
154	SLU 37	0.06	-0.17	70.04	14.8912	15.0492	0.0133
154	SLU 38	0.05	-0.13	70.13	14.9086	15.0688	0.0077
154	SLU 39	0.06	-0.14	71.25	15.1517	15.3098	0.0067
154	SLU 40	0.05	-0.1	71.34	15.1691	15.3295	0.001
154	SLU 41	0.06	-0.14	72.1	15.332	15.4936	0.008
154	SLU 42	0.05	-0.1	72.19	15.3494	15.5133	0.0024
154	SLU 43	0.07	-0.43	70.47	14.9711	15.1369	0.0687
154	SLU 44	0.05	-0.37	70.61	15.0001	15.1697	0.0592
154	SLU 45	0.07	-0.42	71.79	15.2509	15.4199	0.0669
154	SLU 46	0.06	-0.38	71.87	15.2683	15.4395	0.0613
154	SLU 47	0.05	-0.37	71.47	15.1804	15.3534	0.0606
154	SLU 48	0.06	-0.42	72.64	15.4311	15.6036	0.0683
154	SLU 49	0.06	-0.39	72.72	15.4486	15.6233	0.0626
154	SLU 50	0.06	-0.43	72.18	15.3316	15.5043	0.0714
154	SLU 51	0.05	-0.4	72.26	15.349	15.524	0.0657



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
154	SLU 52	0.04	-0.31	77.41	16.4492	16.6354	0.0499
154	SLU 53	0.05	-0.37	78.58	16.7	16.8856	0.0576
154	SLU 54	0.04	-0.33	78.67	16.7174	16.9052	0.052
154	SLU 55	0.03	-0.32	78.26	16.6295	16.8191	0.0513
154	SLU 56	0.05	-0.37	79.44	16.8803	17.0693	0.059
154	SLU 57	0.04	-0.33	79.52	16.8977	17.089	0.0533
154	SLU 58	0.05	-0.38	78.97	16.7807	16.97	0.0621
154	SLU 59	0.04	-0.34	79.06	16.7981	16.9897	0.0564
154	SLU 60	0.05	-0.35	80.18	17.0412	17.2307	0.0554
154	SLU 61	0.04	-0.31	80.27	17.0587	17.2504	0.0497
154	SLU 62	0.04	-0.35	81.04	17.2215	17.4145	0.0567
154	SLU 63	0.03	-0.32	81.12	17.2389	17.4342	0.0511
154	SLU 64	0.09	-0.34	76.27	16.2097	16.381	0.0427
154	SLU 65	0.08	-0.27	76.41	16.2387	16.4138	0.0332
154	SLU 66	0.09	-0.33	77.59	16.4895	16.664	0.0409
154	SLU 67	0.08	-0.29	77.67	16.5069	16.6837	0.0353
154	SLU 68	0.07	-0.28	77.27	16.419	16.5975	0.0346
154	SLU 69	0.09	-0.33	78.44	16.6698	16.8477	0.0423
154	SLU 70	0.08	-0.3	78.52	16.6872	16.8674	0.0366
154	SLU 71	0.09	-0.34	77.98	16.5702	16.7485	0.0454
154	SLU 72	0.08	-0.31	78.06	16.5876	16.7681	0.0397
154	SLU 73	0.06	-0.22	83.21	17.6879	17.8795	0.0239
154	SLU 74	0.08	-0.27	84.38	17.9386	18.1297	0.0316
154	SLU 75	0.07	-0.24	84.47	17.9561	18.1494	0.026
154	SLU 76	0.06	-0.22	84.06	17.8681	18.0632	0.0253
154	SLU 77	0.07	-0.28	85.24	18.1189	18.3134	0.033
154	SLU 78	0.06	-0.24	85.32	18.1363	18.3331	0.0273
154	SLU 79	0.07	-0.29	84.77	18.0193	18.2142	0.0361
154	SLU 80	0.06	-0.25	84.86	18.0368	18.2338	0.0304
154	SLU 81	0.07	-0.26	85.98	18.2799	18.4749	0.0294
154	SLU 82	0.06	-0.22	86.07	18.2973	18.4945	0.0237
154	SLU 83	0.07	-0.26	86.84	18.4601	18.6586	0.0307
154	SLU 84	0.06	-0.23	86.92	18.4776	18.6783	0.0251
154	SLE RA 1	0.07	-0.28	57.4	12.1968	12.3273	0.0385
154	SLE RA 2	0.06	-0.24	57.49	12.2161	12.3492	0.0322
154	SLE RA 3	0.07	-0.27	58.27	12.3833	12.516	0.0374
154	SLE RA 4	0.06	-0.25	58.33	12.3949	12.5291	0.0336
154	SLE RA 5	0.05	-0.24	58.06	12.3363	12.4717	0.0331
154	SLE RA 6	0.06	-0.28	58.84	12.5035	12.6385	0.0383
154	SLE RA 7	0.06	-0.25	58.9	12.5151	12.6516	0.0345
154	SLE RA 8	0.06	-0.28	58.53	12.4371	12.5723	0.0403
154	SLE RA 9	0.06	-0.26	58.59	12.4487	12.5854	0.0366
154	SLE RA 10	0.05	-0.2	62.02	13.1822	13.3263	0.026
154	SLE RA 11	0.06	-0.24	62.8	13.3494	13.4931	0.0312
154	SLE RA 12	0.05	-0.21	62.86	13.361	13.5062	0.0274
154	SLE RA 13	0.04	-0.2	62.59	13.3024	13.4488	0.0269
154	SLE RA 14	0.05	-0.24	63.37	13.4696	13.6156	0.0321
154	SLE RA 15	0.05	-0.22	63.43	13.4812	13.6287	0.0283
154	SLE RA 16	0.05	-0.25	63.06	13.4032	13.5494	0.0341
154	SLE RA 17	0.05	-0.22	63.12	13.4148	13.5626	0.0304
154	SLE RA 18	0.05	-0.23	63.87	13.5769	13.7232	0.0297
154	SLE RA 19	0.05	-0.2	63.93	13.5885	13.7364	0.0259
154	SLE RA 20	0.05	-0.23	64.44	13.6971	13.8457	0.0306
154	SLE RA 21	0.04	-0.21	64.5	13.7087	13.8588	0.0268
154	SLE FR 1	0.07	-0.28	57.4	12.1968	12.3273	0.0385
154	SLE FR 2	0.06	-0.27	57.42	12.2006	12.3317	0.0373
154	SLE FR 3	0.07	-0.28	57.62	12.2448	12.3763	0.0389
154	SLE FR 4	0.06	-0.25	59.36	12.6147	12.7505	0.0346
154	SLE FR 5	0.06	-0.26	59.57	12.6589	12.7951	0.0362
154	SLE FR 6	0.06	-0.25	60.63	12.8868	13.0253	0.0341
154	SLE QP 1	0.07	-0.28	57.4	12.1968	12.3273	0.0385
154	SLE QP 2	0.06	-0.26	59.34	12.6108	12.7461	0.0359
154	SLD 1	5.24	0.32	59.22	12.602	12.7819	-1.2309
154	SLD 2	5.79	0.37	59.39	12.6375	12.8123	-1.3611
154	SLD 3	5.18	-1.06	57.24	12.2281	12.3497	-0.9256
154	SLD 4	5.73	-1.01	57.41	12.2636	12.3801	-1.0558
154	SLD 5	1.61	1.99	62.27	13.1688	13.4069	-0.7839
154	SLD 6	1.97	2.02	62.38	13.1922	13.4269	-0.8696
154	SLD 7	1.41	-2.59	55.68	11.9226	11.9662	0.2338
154	SLD 8	1.77	-2.56	55.79	11.946	11.9862	0.1481
154	SLD 9	-1.65	2.04	62.88	13.2756	13.506	-0.0763
154	SLD 10	-1.28	2.07	63	13.299	13.526	-0.162
154	SLD 11	-1.85	-2.55	56.29	12.0294	12.0653	0.9413
154	SLD 12	-1.49	-2.51	56.41	12.0528	12.0853	0.8556
154	SLD 13	-5.61	0.48	61.27	12.958	13.1121	1.1275
154	SLD 14	-5.06	0.53	61.44	12.9935	13.1425	0.9974
154	SLD 15	-5.67	-0.89	59.29	12.5841	12.6799	1.4328
154	SLD 16	-5.12	-0.85	59.46	12.6196	12.7103	1.3027
154	SLV 1	12.18	1.05	58.98	12.5766	12.814	-2.9175
154	SLV 2	13.47	1.16	59.38	12.6592	12.8848	-3.2205
154	SLV 3	12.04	-2.07	54.5	11.7298	11.8352	-2.2255
154	SLV 4	13.33	-1.96	54.9	11.8124	11.906	-2.5286
154	SLV 5	3.69	4.84	65.95	13.8705	14.2387	-1.847
154	SLV 6	4.52	4.91	66.21	13.9239	14.2845	-2.0431
154	SLV 7	3.22	-5.55	51.03	11.0479	10.976	0.4595
154	SLV 8	4.05	-5.48	51.29	11.1014	11.0218	0.2634
154	SLV 9	-3.93	4.95	67.39	14.1202	14.4704	-0.1916
154	SLV 10	-3.1	5.02	67.65	14.1737	14.5162	-0.3877
154	SLV 11	-4.4	-5.44	52.47	11.2977	11.2077	2.1148



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
154	SLV 12	-3.56	-5.37	52.73	11.3512	11.2535	1.9187
154	SLV 13	-13.21	1.43	63.77	13.4092	13.5862	2.6003
154	SLV 14	-11.92	1.54	64.18	13.4918	13.657	2.2973
154	SLV 15	-13.35	-1.69	59.3	12.5624	12.6074	3.2923
154	SLV 16	-12.06	-1.58	59.7	12.6451	12.6782	2.9892
154	CRTFP Ux+	0	0	0	0	0	0
154	CRTFP Ux-	0	0	0	0	0	0
154	CRTFP Uy+	0	0	0	0	0	0
154	CRTFP Uy-	0	0	0	0	0	0
156	SLU 1	0	-0.04	5.82	0	-0.7763	-0.0059
156	SLU 2	0	-0.04	5.84	0	-0.7781	-0.005
156	SLU 3	0	-0.04	5.96	0	-0.7945	-0.0059
156	SLU 4	0	-0.04	5.97	0	-0.7956	-0.0053
156	SLU 5	0	-0.04	5.92	0	-0.7899	-0.0051
156	SLU 6	0	-0.04	6.05	0	-0.8063	-0.006
156	SLU 7	0	-0.04	6.06	0	-0.8074	-0.0054
156	SLU 8	0	-0.05	6	0	-0.7999	-0.0061
156	SLU 9	0	-0.04	6.01	0	-0.801	-0.0056
156	SLU 10	0	-0.03	6.54	0	-0.8718	-0.0045
156	SLU 11	0	-0.04	6.66	0	-0.8883	-0.0054
156	SLU 12	0	-0.04	6.67	0	-0.8893	-0.0049
156	SLU 13	0	-0.03	6.63	0	-0.8836	-0.0046
156	SLU 14	0	-0.04	6.75	0	-0.9001	-0.0055
156	SLU 15	0	-0.04	6.76	0	-0.9011	-0.005
156	SLU 16	0	-0.04	6.7	0	-0.8937	-0.0056
156	SLU 17	0	-0.04	6.71	0	-0.8947	-0.0051
156	SLU 18	0	-0.04	6.83	0	-0.9102	-0.0053
156	SLU 19	0	-0.04	6.83	0	-0.9113	-0.0047
156	SLU 20	0	-0.04	6.92	0	-0.922	-0.0053
156	SLU 21	0	-0.04	6.92	0	-0.9231	-0.0048
156	SLU 22	0.01	-0.04	6.43	0	-0.8569	-0.0049
156	SLU 23	0	-0.03	6.44	0	-0.8587	-0.004
156	SLU 24	0.01	-0.04	6.56	0	-0.8751	-0.0049
156	SLU 25	0.01	-0.03	6.57	0	-0.8762	-0.0044
156	SLU 26	0	-0.03	6.53	0	-0.8705	-0.0041
156	SLU 27	0.01	-0.04	6.65	0	-0.887	-0.005
156	SLU 28	0	-0.03	6.66	0	-0.888	-0.0044
156	SLU 29	0.01	-0.04	6.6	0	-0.8806	-0.0051
156	SLU 30	0	-0.03	6.61	0	-0.8816	-0.0046
156	SLU 31	0	-0.03	7.14	0	-0.9525	-0.0035
156	SLU 32	0	-0.03	7.27	0	-0.9689	-0.0044
156	SLU 33	0	-0.03	7.27	0	-0.97	-0.0039
156	SLU 34	0	-0.03	7.23	0	-0.9643	-0.0036
156	SLU 35	0	-0.03	7.36	0	-0.9807	-0.0045
156	SLU 36	0	-0.03	7.36	0	-0.9818	-0.004
156	SLU 37	0	-0.03	7.31	0	-0.9743	-0.0046
156	SLU 38	0	-0.03	7.32	0	-0.9754	-0.0041
156	SLU 39	0	-0.03	7.43	0	-0.9909	-0.0043
156	SLU 40	0	-0.03	7.44	0	-0.9919	-0.0037
156	SLU 41	0	-0.03	7.52	0	-1.0027	-0.0043
156	SLU 42	0	-0.03	7.53	0	-1.0037	-0.0038
156	SLU 43	0	-0.06	7.36	0	-0.9816	-0.0081
156	SLU 44	0	-0.05	7.37	0	-0.9833	-0.0071
156	SLU 45	0	-0.06	7.5	0	-0.9998	-0.008
156	SLU 46	0	-0.06	7.51	0	-1.0008	-0.0075
156	SLU 47	0	-0.05	7.46	0	-0.9951	-0.0072
156	SLU 48	0	-0.06	7.59	0	-1.0116	-0.0081
156	SLU 49	0	-0.06	7.59	0	-1.0126	-0.0076
156	SLU 50	0	-0.06	7.54	0	-1.0052	-0.0082
156	SLU 51	0	-0.06	7.55	0	-1.0062	-0.0077
156	SLU 52	0	-0.05	8.08	0	-1.0771	-0.0067
156	SLU 53	0	-0.06	8.2	0	-1.0935	-0.0075
156	SLU 54	0	-0.05	8.21	0	-1.0946	-0.007
156	SLU 55	0	-0.05	8.17	0	-1.0889	-0.0068
156	SLU 56	0	-0.06	8.29	0	-1.1053	-0.0076
156	SLU 57	0	-0.05	8.3	0	-1.1064	-0.0071
156	SLU 58	0	-0.06	8.24	0	-1.0989	-0.0078
156	SLU 59	0	-0.05	8.25	0	-1.1	-0.0072
156	SLU 60	0	-0.06	8.37	0	-1.1155	-0.0074
156	SLU 61	0	-0.05	8.37	0	-1.1166	-0.0068
156	SLU 62	0	-0.06	8.45	0	-1.1273	-0.0075
156	SLU 63	0	-0.05	8.46	0	-1.1284	-0.0069
156	SLU 64	0.01	-0.05	7.97	0	-1.0622	-0.0071
156	SLU 65	0.01	-0.05	7.98	0	-1.064	-0.0061
156	SLU 66	0.01	-0.05	8.1	0	-1.0804	-0.007
156	SLU 67	0.01	-0.05	8.11	0	-1.0815	-0.0065
156	SLU 68	0	-0.05	8.07	0	-1.0758	-0.0062
156	SLU 69	0.01	-0.05	8.19	0	-1.0922	-0.0071
156	SLU 70	0.01	-0.05	8.2	0	-1.0933	-0.0066
156	SLU 71	0.01	-0.05	8.14	0	-1.0858	-0.0072
156	SLU 72	0.01	-0.05	8.15	0	-1.0869	-0.0067
156	SLU 73	0	-0.04	8.68	0	-1.1577	-0.0057
156	SLU 74	0	-0.05	8.81	0	-1.1741	-0.0065
156	SLU 75	0	-0.04	8.81	0	-1.1752	-0.006
156	SLU 76	0	-0.04	8.77	0	-1.1695	-0.0058
156	SLU 77	0	-0.05	8.89	0	-1.186	-0.0066
156	SLU 78	0	-0.05	8.9	0	-1.187	-0.0061
156	SLU 79	0	-0.05	8.85	0	-1.1796	-0.0068
156	SLU 80	0	-0.05	8.85	0	-1.1806	-0.0062



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
156	SLU 81	0	-0.05	8.97	0	-1.1961	-0.0064
156	SLU 82	0	-0.04	8.98	0	-1.1972	-0.0058
156	SLU 83	0	-0.05	9.06	0	-1.2079	-0.0065
156	SLU 84	0	-0.04	9.07	0	-1.209	-0.0059
156	SLE RA 1	0	-0.04	6	0	-0.7993	-0.0057
156	SLE RA 2	0	-0.04	6	0	-0.8005	-0.005
156	SLE RA 3	0	-0.04	6.09	0	-0.8115	-0.0056
156	SLE RA 4	0	-0.04	6.09	0	-0.8122	-0.0053
156	SLE RA 5	0	-0.04	6.06	0	-0.8084	-0.0051
156	SLE RA 6	0	-0.04	6.15	0	-0.8194	-0.0057
156	SLE RA 7	0	-0.04	6.15	0	-0.8201	-0.0053
156	SLE RA 8	0	-0.04	6.11	0	-0.8151	-0.0058
156	SLE RA 9	0	-0.04	6.12	0	-0.8158	-0.0054
156	SLE RA 10	0	-0.04	6.47	0	-0.863	-0.0047
156	SLE RA 11	0	-0.04	6.55	0	-0.874	-0.0053
156	SLE RA 12	0	-0.04	6.56	0	-0.8747	-0.0049
156	SLE RA 13	0	-0.04	6.53	0	-0.8709	-0.0048
156	SLE RA 14	0	-0.04	6.61	0	-0.8819	-0.0054
156	SLE RA 15	0	-0.04	6.62	0	-0.8826	-0.005
156	SLE RA 16	0	-0.04	6.58	0	-0.8776	-0.0054
156	SLE RA 17	0	-0.04	6.59	0	-0.8783	-0.0051
156	SLE RA 18	0	-0.04	6.66	0	-0.8886	-0.0052
156	SLE RA 19	0	-0.04	6.67	0	-0.8893	-0.0048
156	SLE RA 20	0	-0.04	6.72	0	-0.8965	-0.0053
156	SLE RA 21	0	-0.04	6.73	0	-0.8972	-0.0049
156	SLE FR 1	0	-0.04	6	0	-0.7993	-0.0057
156	SLE FR 2	0	-0.04	6	0	-0.7996	-0.0055
156	SLE FR 3	0	-0.04	6.02	0	-0.8025	-0.0057
156	SLE FR 4	0	-0.04	6.2	0	-0.8264	-0.0054
156	SLE FR 5	0	-0.04	6.22	0	-0.8293	-0.0055
156	SLE FR 6	0	-0.04	6.33	0	-0.844	-0.0054
156	SLE QP 1	0	-0.04	6	0	-0.7993	-0.0057
156	SLE QP 2	0	-0.04	6.2	0	-0.8261	-0.0055
156	SLD 1	0.53	0.04	6.12	0	-0.8157	0.0049
156	SLD 2	0.58	0.05	6.14	0	-0.8189	0.0061
156	SLD 3	0.52	-0.1	5.9	0	-0.7868	-0.0133
156	SLD 4	0.58	-0.09	5.93	0	-0.79	-0.012
156	SLD 5	0.16	0.19	6.5	0	-0.8663	0.0249
156	SLD 6	0.2	0.19	6.51	0	-0.8684	0.0257
156	SLD 7	0.14	-0.27	5.77	0	-0.7699	-0.0356
156	SLD 8	0.18	-0.26	5.79	0	-0.772	-0.0347
156	SLD 9	-0.17	0.18	6.6	0	-0.8803	0.0237
156	SLD 10	-0.13	0.18	6.62	0	-0.8824	0.0245
156	SLD 11	-0.19	-0.28	5.88	0	-0.7838	-0.0367
156	SLD 12	-0.15	-0.27	5.89	0	-0.786	-0.0359
156	SLD 13	-0.57	0.01	6.47	0	-0.8623	0.001
156	SLD 14	-0.51	0.02	6.49	0	-0.8655	0.0022
156	SLD 15	-0.58	-0.13	6.25	0	-0.8333	-0.0172
156	SLD 16	-0.52	-0.12	6.27	0	-0.8365	-0.0159
156	SLV 1	1.23	0.14	6.01	0	-0.8007	0.0181
156	SLV 2	1.36	0.16	6.06	0	-0.8082	0.0211
156	SLV 3	1.22	-0.17	5.51	0	-0.7352	-0.023
156	SLV 4	1.35	-0.15	5.57	0	-0.7427	-0.02
156	SLV 5	0.37	0.48	6.87	0	-0.9166	0.0634
156	SLV 6	0.46	0.49	6.91	0	-0.9214	0.0653
156	SLV 7	0.32	-0.55	5.24	0	-0.6982	-0.0736
156	SLV 8	0.41	-0.54	5.27	0	-0.703	-0.0717
156	SLV 9	-0.4	0.45	7.12	0	-0.9492	0.0607
156	SLV 10	-0.32	0.47	7.16	0	-0.9541	0.0626
156	SLV 11	-0.45	-0.57	5.48	0	-0.7309	-0.0764
156	SLV 12	-0.36	-0.56	5.52	0	-0.7357	-0.0744
156	SLV 13	-1.34	0.07	6.82	0	-0.9096	0.009
156	SLV 14	-1.21	0.09	6.88	0	-0.917	0.012
156	SLV 15	-1.35	-0.24	6.33	0	-0.8441	-0.0321
156	SLV 16	-1.22	-0.22	6.39	0	-0.8515	-0.0291
156	CRTFP Ux+	0	0	0	0	0	0
156	CRTFP Ux-	0	0	0	0	0	0
156	CRTFP Uy+	0	0	0	0	0	0
156	CRTFP Uy-	0	0	0	0	0	0
158	SLU 1	0.01	-0.05	5.86	0	-0.6838	-0.0059
158	SLU 2	0	-0.04	5.87	0	-0.6852	-0.0051
158	SLU 3	0	-0.05	6	0	-0.6998	-0.0059
158	SLU 4	0	-0.05	6.01	0	-0.7006	-0.0054
158	SLU 5	0	-0.04	5.96	0	-0.6956	-0.0052
158	SLU 6	0	-0.05	6.09	0	-0.7101	-0.006
158	SLU 7	0	-0.05	6.09	0	-0.711	-0.0055
158	SLU 8	0	-0.05	6.04	0	-0.7045	-0.0061
158	SLU 9	0	-0.05	6.05	0	-0.7054	-0.0056
158	SLU 10	0	-0.04	6.58	0	-0.7674	-0.0048
158	SLU 11	0	-0.05	6.7	0	-0.7819	-0.0056
158	SLU 12	0	-0.04	6.71	0	-0.7828	-0.0051
158	SLU 13	0	-0.04	6.67	0	-0.7778	-0.0049
158	SLU 14	0	-0.05	6.79	0	-0.7923	-0.0057
158	SLU 15	0	-0.04	6.8	0	-0.7932	-0.0052
158	SLU 16	0	-0.05	6.74	0	-0.7867	-0.0058
158	SLU 17	0	-0.05	6.75	0	-0.7875	-0.0053
158	SLU 18	0	-0.05	6.87	0	-0.8012	-0.0055
158	SLU 19	0	-0.04	6.87	0	-0.802	-0.005
158	SLU 20	0	-0.05	6.96	0	-0.8115	-0.0056



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
158	SLU 21	0	-0.04	6.96	0	-0.8124	-0.0051
158	SLU 22	0.01	-0.04	6.47	0	-0.7548	-0.0051
158	SLU 23	0.01	-0.04	6.48	0	-0.7562	-0.0043
158	SLU 24	0.01	-0.04	6.61	0	-0.7708	-0.0051
158	SLU 25	0.01	-0.04	6.61	0	-0.7716	-0.0046
158	SLU 26	0.01	-0.04	6.57	0	-0.7666	-0.0044
158	SLU 27	0.01	-0.04	6.7	0	-0.7811	-0.0052
158	SLU 28	0.01	-0.04	6.7	0	-0.782	-0.0047
158	SLU 29	0.01	-0.05	6.65	0	-0.7755	-0.0053
158	SLU 30	0.01	-0.04	6.65	0	-0.7764	-0.0048
158	SLU 31	0	-0.03	7.19	0	-0.8384	-0.004
158	SLU 32	0	-0.04	7.31	0	-0.8529	-0.0048
158	SLU 33	0	-0.04	7.32	0	-0.8538	-0.0043
158	SLU 34	0	-0.03	7.28	0	-0.8488	-0.0041
158	SLU 35	0	-0.04	7.4	0	-0.8633	-0.0049
158	SLU 36	0	-0.04	7.41	0	-0.8642	-0.0044
158	SLU 37	0	-0.04	7.35	0	-0.8577	-0.005
158	SLU 38	0	-0.04	7.36	0	-0.8585	-0.0045
158	SLU 39	0	-0.04	7.48	0	-0.8722	-0.0047
158	SLU 40	0	-0.04	7.48	0	-0.8731	-0.0042
158	SLU 41	0	-0.04	7.56	0	-0.8825	-0.0048
158	SLU 42	0	-0.04	7.57	0	-0.8834	-0.0043
158	SLU 43	0.01	-0.07	7.41	0	-0.8646	-0.008
158	SLU 44	0	-0.06	7.42	0	-0.866	-0.0071
158	SLU 45	0.01	-0.07	7.55	0	-0.8805	-0.008
158	SLU 46	0	-0.06	7.56	0	-0.8814	-0.0075
158	SLU 47	0	-0.06	7.51	0	-0.8764	-0.0072
158	SLU 48	0.01	-0.07	7.64	0	-0.8909	-0.0081
158	SLU 49	0	-0.06	7.64	0	-0.8918	-0.0076
158	SLU 50	0.01	-0.07	7.59	0	-0.8853	-0.0082
158	SLU 51	0	-0.07	7.6	0	-0.8862	-0.0077
158	SLU 52	0	-0.06	8.13	0	-0.9482	-0.0068
158	SLU 53	0	-0.07	8.25	0	-0.9627	-0.0076
158	SLU 54	0	-0.06	8.26	0	-0.9636	-0.0071
158	SLU 55	0	-0.06	8.22	0	-0.9586	-0.0069
158	SLU 56	0	-0.07	8.34	0	-0.9731	-0.0077
158	SLU 57	0	-0.06	8.35	0	-0.974	-0.0072
158	SLU 58	0	-0.07	8.29	0	-0.9675	-0.0078
158	SLU 59	0	-0.06	8.3	0	-0.9683	-0.0073
158	SLU 60	0	-0.06	8.42	0	-0.982	-0.0075
158	SLU 61	0	-0.06	8.42	0	-0.9828	-0.007
158	SLU 62	0	-0.07	8.51	0	-0.9923	-0.0076
158	SLU 63	0	-0.06	8.51	0	-0.9932	-0.0071
158	SLU 64	0.01	-0.06	8.02	0	-0.9356	-0.0072
158	SLU 65	0.01	-0.05	8.03	0	-0.937	-0.0063
158	SLU 66	0.01	-0.06	8.16	0	-0.9516	-0.0072
158	SLU 67	0.01	-0.06	8.16	0	-0.9524	-0.0067
158	SLU 68	0.01	-0.06	8.12	0	-0.9474	-0.0064
158	SLU 69	0.01	-0.06	8.24	0	-0.9619	-0.0073
158	SLU 70	0.01	-0.06	8.25	0	-0.9628	-0.0068
158	SLU 71	0.01	-0.06	8.2	0	-0.9563	-0.0074
158	SLU 72	0.01	-0.06	8.2	0	-0.9572	-0.0069
158	SLU 73	0	-0.05	8.74	0	-1.0192	-0.006
158	SLU 74	0.01	-0.06	8.86	0	-1.0337	-0.0069
158	SLU 75	0	-0.05	8.87	0	-1.0346	-0.0064
158	SLU 76	0	-0.05	8.82	0	-1.0296	-0.0061
158	SLU 77	0.01	-0.06	8.95	0	-1.0441	-0.007
158	SLU 78	0	-0.06	8.96	0	-1.045	-0.0064
158	SLU 79	0.01	-0.06	8.9	0	-1.0385	-0.0071
158	SLU 80	0	-0.06	8.91	0	-1.0393	-0.0066
158	SLU 81	0	-0.06	9.03	0	-1.053	-0.0067
158	SLU 82	0	-0.05	9.03	0	-1.0538	-0.0062
158	SLU 83	0	-0.06	9.11	0	-1.0633	-0.0068
158	SLU 84	0	-0.05	9.12	0	-1.0642	-0.0063
158	SLE RA 1	0.01	-0.05	6.03	0	-0.7041	-0.0057
158	SLE RA 2	0	-0.04	6.04	0	-0.705	-0.0051
158	SLE RA 3	0.01	-0.05	6.13	0	-0.7147	-0.0057
158	SLE RA 4	0	-0.05	6.13	0	-0.7153	-0.0054
158	SLE RA 5	0	-0.04	6.1	0	-0.7119	-0.0052
158	SLE RA 6	0.01	-0.05	6.19	0	-0.7216	-0.0058
158	SLE RA 7	0	-0.05	6.19	0	-0.7222	-0.0054
158	SLE RA 8	0.01	-0.05	6.15	0	-0.7179	-0.0058
158	SLE RA 9	0	-0.05	6.16	0	-0.7185	-0.0055
158	SLE RA 10	0	-0.04	6.51	0	-0.7598	-0.0049
158	SLE RA 11	0	-0.05	6.6	0	-0.7695	-0.0055
158	SLE RA 12	0	-0.04	6.6	0	-0.7701	-0.0051
158	SLE RA 13	0	-0.04	6.57	0	-0.7667	-0.005
158	SLE RA 14	0	-0.05	6.65	0	-0.7764	-0.0055
158	SLE RA 15	0	-0.04	6.66	0	-0.777	-0.0052
158	SLE RA 16	0	-0.05	6.62	0	-0.7727	-0.0056
158	SLE RA 17	0	-0.05	6.63	0	-0.7732	-0.0053
158	SLE RA 18	0	-0.05	6.71	0	-0.7823	-0.0054
158	SLE RA 19	0	-0.04	6.71	0	-0.7829	-0.0051
158	SLE RA 20	0	-0.05	6.76	0	-0.7892	-0.0055
158	SLE RA 21	0	-0.04	6.77	0	-0.7898	-0.0051
158	SLE FR 1	0.01	-0.05	6.03	0	-0.7041	-0.0057
158	SLE FR 2	0.01	-0.05	6.04	0	-0.7043	-0.0056
158	SLE FR 3	0.01	-0.05	6.06	0	-0.7068	-0.0057
158	SLE FR 4	0	-0.05	6.24	0	-0.7277	-0.0055



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
158	SLE FR 5	0	-0.05	6.26	0	-0.7303	-0.0056
158	SLE FR 6	0	-0.05	6.37	0	-0.7432	-0.0056
158	SLE QP 1	0.01	-0.05	6.03	0	-0.7041	-0.0057
158	SLE QP 2	0.01	-0.05	6.24	0	-0.7275	-0.0056
158	SLD 1	0.53	0.04	6.12	0	-0.7137	0.0044
158	SLD 2	0.59	0.05	6.14	0	-0.7169	0.0058
158	SLD 3	0.52	-0.1	5.9	0	-0.6883	-0.0114
158	SLD 4	0.58	-0.09	5.93	0	-0.6914	-0.01
158	SLD 5	0.16	0.18	6.53	0	-0.7614	0.0211
158	SLD 6	0.2	0.19	6.54	0	-0.7634	0.022
158	SLD 7	0.14	-0.27	5.8	0	-0.6767	-0.0315
158	SLD 8	0.18	-0.26	5.82	0	-0.6787	-0.0306
158	SLD 9	-0.17	0.17	6.65	0	-0.7763	0.0194
158	SLD 10	-0.13	0.17	6.67	0	-0.7784	0.0203
158	SLD 11	-0.19	-0.28	5.93	0	-0.6917	-0.0332
158	SLD 12	-0.15	-0.28	5.95	0	-0.6937	-0.0323
158	SLD 13	-0.57	-0.01	6.55	0	-0.7636	-0.0012
158	SLD 14	-0.51	0	6.57	0	-0.7667	0.0002
158	SLD 15	-0.58	-0.15	6.33	0	-0.7382	-0.017
158	SLD 16	-0.52	-0.13	6.35	0	-0.7413	-0.0156
158	SLV 1	1.23	0.15	5.95	0	-0.6943	0.0171
158	SLV 2	1.36	0.17	6.01	0	-0.7015	0.0204
158	SLV 3	1.22	-0.16	5.46	0	-0.6368	-0.0186
158	SLV 4	1.35	-0.13	5.52	0	-0.644	-0.0154
158	SLV 5	0.37	0.47	6.89	0	-0.8036	0.0549
158	SLV 6	0.46	0.49	6.93	0	-0.8082	0.057
158	SLV 7	0.32	-0.55	5.24	0	-0.6118	-0.0643
158	SLV 8	0.41	-0.53	5.28	0	-0.6165	-0.0622
158	SLV 9	-0.4	0.44	7.19	0	-0.8386	0.051
158	SLV 10	-0.31	0.46	7.23	0	-0.8433	0.0531
158	SLV 11	-0.45	-0.58	5.54	0	-0.6468	-0.0682
158	SLV 12	-0.36	-0.57	5.58	0	-0.6515	-0.0661
158	SLV 13	-1.34	0.04	6.95	0	-0.8111	0.0041
158	SLV 14	-1.21	0.06	7.01	0	-0.8183	0.0074
158	SLV 15	-1.35	-0.27	6.46	0	-0.7535	-0.0316
158	SLV 16	-1.22	-0.24	6.52	0	-0.7608	-0.0284
158	CRTFP Ux+	0	0	0	0	0	0
158	CRTFP Ux-	0	0	0	0	0	0
158	CRTFP Uy+	0	0	0	0	0	0
158	CRTFP Uy-	0	0	0	0	0	0
160	SLU 1	0.01	-0.06	5.88	0	-0.5881	-0.0057
160	SLU 2	0	-0.05	5.89	0	-0.5892	-0.005
160	SLU 3	0.01	-0.06	6.02	0	-0.6018	-0.0058
160	SLU 4	0	-0.05	6.02	0	-0.6025	-0.0053
160	SLU 5	0	-0.05	5.98	0	-0.5981	-0.0051
160	SLU 6	0	-0.06	6.11	0	-0.6106	-0.0058
160	SLU 7	0	-0.05	6.11	0	-0.6113	-0.0054
160	SLU 8	0	-0.06	6.06	0	-0.6058	-0.0059
160	SLU 9	0	-0.05	6.06	0	-0.6065	-0.0055
160	SLU 10	0	-0.05	6.6	0	-0.6595	-0.0048
160	SLU 11	0	-0.06	6.72	0	-0.6721	-0.0056
160	SLU 12	0	-0.05	6.73	0	-0.6728	-0.0051
160	SLU 13	0	-0.05	6.68	0	-0.6684	-0.0049
160	SLU 14	0	-0.06	6.81	0	-0.681	-0.0057
160	SLU 15	0	-0.05	6.82	0	-0.6816	-0.0052
160	SLU 16	0	-0.06	6.76	0	-0.6761	-0.0057
160	SLU 17	0	-0.05	6.77	0	-0.6768	-0.0053
160	SLU 18	0	-0.05	6.89	0	-0.6885	-0.0055
160	SLU 19	0	-0.05	6.89	0	-0.6892	-0.005
160	SLU 20	0	-0.06	6.97	0	-0.6974	-0.0056
160	SLU 21	0	-0.05	6.98	0	-0.6981	-0.0051
160	SLU 22	0.01	-0.05	6.49	0	-0.6491	-0.0051
160	SLU 23	0.01	-0.04	6.5	0	-0.6503	-0.0044
160	SLU 24	0.01	-0.05	6.63	0	-0.6628	-0.0052
160	SLU 25	0.01	-0.05	6.64	0	-0.6635	-0.0047
160	SLU 26	0.01	-0.04	6.59	0	-0.6591	-0.0045
160	SLU 27	0.01	-0.05	6.72	0	-0.6717	-0.0053
160	SLU 28	0.01	-0.05	6.72	0	-0.6724	-0.0048
160	SLU 29	0.01	-0.05	6.67	0	-0.6669	-0.0053
160	SLU 30	0.01	-0.05	6.68	0	-0.6675	-0.0049
160	SLU 31	0	-0.04	7.21	0	-0.7206	-0.0042
160	SLU 32	0.01	-0.05	7.33	0	-0.7331	-0.005
160	SLU 33	0	-0.05	7.34	0	-0.7338	-0.0045
160	SLU 34	0	-0.04	7.29	0	-0.7295	-0.0043
160	SLU 35	0	-0.05	7.42	0	-0.742	-0.0051
160	SLU 36	0	-0.05	7.43	0	-0.7427	-0.0046
160	SLU 37	0	-0.05	7.37	0	-0.7372	-0.0051
160	SLU 38	0	-0.05	7.38	0	-0.7379	-0.0047
160	SLU 39	0	-0.05	7.5	0	-0.7496	-0.0049
160	SLU 40	0	-0.04	7.5	0	-0.7503	-0.0044
160	SLU 41	0	-0.05	7.58	0	-0.7584	-0.005
160	SLU 42	0	-0.05	7.59	0	-0.7591	-0.0045
160	SLU 43	0.01	-0.08	7.44	0	-0.7435	-0.0077
160	SLU 44	0	-0.07	7.45	0	-0.7447	-0.0069
160	SLU 45	0.01	-0.08	7.57	0	-0.7572	-0.0077
160	SLU 46	0.01	-0.07	7.58	0	-0.7579	-0.0072
160	SLU 47	0	-0.07	7.54	0	-0.7536	-0.007
160	SLU 48	0.01	-0.08	7.66	0	-0.7661	-0.0078
160	SLU 49	0	-0.07	7.67	0	-0.7668	-0.0073



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
160	SLU 50	0.01	-0.08	7.61	0	-0.7613	-0.0079
160	SLU 51	0	-0.07	7.62	0	-0.762	-0.0074
160	SLU 52	0	-0.07	8.15	0	-0.815	-0.0067
160	SLU 53	0	-0.07	8.28	0	-0.8276	-0.0075
160	SLU 54	0	-0.07	8.28	0	-0.8283	-0.007
160	SLU 55	0	-0.07	8.24	0	-0.8239	-0.0068
160	SLU 56	0	-0.08	8.36	0	-0.8364	-0.0076
160	SLU 57	0	-0.07	8.37	0	-0.8371	-0.0071
160	SLU 58	0	-0.08	8.32	0	-0.8316	-0.0077
160	SLU 59	0	-0.07	8.32	0	-0.8323	-0.0072
160	SLU 60	0	-0.07	8.44	0	-0.844	-0.0074
160	SLU 61	0	-0.07	8.45	0	-0.8447	-0.0069
160	SLU 62	0	-0.07	8.53	0	-0.8529	-0.0075
160	SLU 63	0	-0.07	8.54	0	-0.8536	-0.007
160	SLU 64	0.01	-0.07	8.05	0	-0.8046	-0.0071
160	SLU 65	0.01	-0.06	8.06	0	-0.8058	-0.0063
160	SLU 66	0.01	-0.07	8.18	0	-0.8183	-0.0071
160	SLU 67	0.01	-0.07	8.19	0	-0.819	-0.0066
160	SLU 68	0.01	-0.06	8.15	0	-0.8146	-0.0064
160	SLU 69	0.01	-0.07	8.27	0	-0.8272	-0.0072
160	SLU 70	0.01	-0.07	8.28	0	-0.8279	-0.0067
160	SLU 71	0.01	-0.07	8.22	0	-0.8223	-0.0073
160	SLU 72	0.01	-0.07	8.23	0	-0.823	-0.0068
160	SLU 73	0	-0.06	8.76	0	-0.8761	-0.0061
160	SLU 74	0.01	-0.07	8.89	0	-0.8886	-0.0069
160	SLU 75	0.01	-0.06	8.89	0	-0.8893	-0.0064
160	SLU 76	0	-0.06	8.85	0	-0.8849	-0.0062
160	SLU 77	0.01	-0.07	8.97	0	-0.8975	-0.007
160	SLU 78	0	-0.07	8.98	0	-0.8982	-0.0065
160	SLU 79	0.01	-0.07	8.93	0	-0.8927	-0.0071
160	SLU 80	0	-0.07	8.93	0	-0.8934	-0.0066
160	SLU 81	0.01	-0.07	9.05	0	-0.9051	-0.0068
160	SLU 82	0	-0.06	9.06	0	-0.9058	-0.0063
160	SLU 83	0	-0.07	9.14	0	-0.9139	-0.0069
160	SLU 84	0	-0.06	9.15	0	-0.9146	-0.0064
160	SLE RA 1	0.01	-0.06	6.06	0	-0.6055	-0.0056
160	SLE RA 2	0.01	-0.05	6.06	0	-0.6063	-0.0051
160	SLE RA 3	0.01	-0.06	6.15	0	-0.6146	-0.0056
160	SLE RA 4	0.01	-0.05	6.15	0	-0.6151	-0.0053
160	SLE RA 5	0	-0.05	6.12	0	-0.6122	-0.0051
160	SLE RA 6	0.01	-0.06	6.21	0	-0.6206	-0.0056
160	SLE RA 7	0.01	-0.05	6.21	0	-0.621	-0.0053
160	SLE RA 8	0.01	-0.06	6.17	0	-0.6173	-0.0057
160	SLE RA 9	0	-0.05	6.18	0	-0.6178	-0.0054
160	SLE RA 10	0	-0.05	6.53	0	-0.6532	-0.0049
160	SLE RA 11	0	-0.05	6.62	0	-0.6615	-0.0055
160	SLE RA 12	0	-0.05	6.62	0	-0.662	-0.0052
160	SLE RA 13	0	-0.05	6.59	0	-0.6591	-0.005
160	SLE RA 14	0	-0.06	6.67	0	-0.6674	-0.0055
160	SLE RA 15	0	-0.05	6.68	0	-0.6679	-0.0052
160	SLE RA 16	0	-0.06	6.64	0	-0.6642	-0.0056
160	SLE RA 17	0	-0.05	6.65	0	-0.6647	-0.0053
160	SLE RA 18	0	-0.05	6.72	0	-0.6725	-0.0054
160	SLE RA 19	0	-0.05	6.73	0	-0.6729	-0.0051
160	SLE RA 20	0	-0.05	6.78	0	-0.6784	-0.0055
160	SLE RA 21	0	-0.05	6.79	0	-0.6789	-0.0051
160	SLE FR 1	0.01	-0.06	6.06	0	-0.6055	-0.0056
160	SLE FR 2	0.01	-0.05	6.06	0	-0.6057	-0.0055
160	SLE FR 3	0.01	-0.06	6.08	0	-0.6079	-0.0056
160	SLE FR 4	0.01	-0.05	6.26	0	-0.6258	-0.0054
160	SLE FR 5	0.01	-0.06	6.28	0	-0.628	-0.0055
160	SLE FR 6	0.01	-0.05	6.39	0	-0.639	-0.0055
160	SLE QP 1	0.01	-0.06	6.06	0	-0.6055	-0.0056
160	SLE QP 2	0.01	-0.06	6.26	0	-0.6256	-0.0055
160	SLD 1	0.53	0.04	6.09	0	-0.6093	0.0037
160	SLD 2	0.59	0.05	6.12	0	-0.6122	0.0052
160	SLD 3	0.52	-0.1	5.87	0	-0.5874	-0.0097
160	SLD 4	0.58	-0.08	5.9	0	-0.5903	-0.0083
160	SLD 5	0.16	0.17	6.53	0	-0.6533	0.0174
160	SLD 6	0.2	0.18	6.55	0	-0.6552	0.0183
160	SLD 7	0.14	-0.27	5.81	0	-0.5805	-0.0274
160	SLD 8	0.18	-0.26	5.82	0	-0.5824	-0.0265
160	SLD 9	-0.17	0.15	6.69	0	-0.6688	0.0154
160	SLD 10	-0.13	0.16	6.71	0	-0.6707	0.0164
160	SLD 11	-0.19	-0.29	5.96	0	-0.596	-0.0293
160	SLD 12	-0.15	-0.28	5.98	0	-0.5979	-0.0284
160	SLD 13	-0.57	-0.03	6.61	0	-0.6609	-0.0028
160	SLD 14	-0.51	-0.01	6.64	0	-0.6638	-0.0013
160	SLD 15	-0.57	-0.16	6.39	0	-0.639	-0.0162
160	SLD 16	-0.52	-0.15	6.42	0	-0.6419	-0.0148
160	SLV 1	1.23	0.16	5.87	0	-0.5866	0.0156
160	SLV 2	1.36	0.19	5.93	0	-0.5933	0.019
160	SLV 3	1.22	-0.15	5.37	0	-0.5371	-0.0148
160	SLV 4	1.35	-0.11	5.44	0	-0.5439	-0.0115
160	SLV 5	0.37	0.46	6.88	0	-0.6877	0.0464
160	SLV 6	0.46	0.49	6.92	0	-0.6921	0.0486
160	SLV 7	0.32	-0.55	5.23	0	-0.5229	-0.0551
160	SLV 8	0.41	-0.53	5.27	0	-0.5272	-0.0529
160	SLV 9	-0.4	0.42	7.24	0	-0.7239	0.0419



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
160	SLV 10	-0.31	0.44	7.28	0	-0.7283	0.044
160	SLV 11	-0.45	-0.6	5.59	0	-0.5591	-0.0596
160	SLV 12	-0.36	-0.57	5.63	0	-0.5635	-0.0575
160	SLV 13	-1.34	0	7.07	0	-0.7073	0.0005
160	SLV 14	-1.21	0.04	7.14	0	-0.7141	0.0038
160	SLV 15	-1.35	-0.3	6.58	0	-0.6579	-0.03
160	SLV 16	-1.22	-0.27	6.65	0	-0.6646	-0.0267
160	CRTFP Ux+	0	0	0	0	0	0
160	CRTFP Ux-	0	0	0	0	0	0
160	CRTFP Uy+	0	0	0	0	0	0
160	CRTFP Uy-	0	0	0	0	0	0
162	SLU 1	0.01	-0.06	5.89	0	-0.4905	-0.0053
162	SLU 2	0	-0.06	5.9	0	-0.4913	-0.0047
162	SLU 3	0.01	-0.06	6.02	0	-0.5018	-0.0054
162	SLU 4	0	-0.06	6.03	0	-0.5024	-0.005
162	SLU 5	0	-0.06	5.98	0	-0.4987	-0.0048
162	SLU 6	0.01	-0.07	6.11	0	-0.5092	-0.0055
162	SLU 7	0	-0.06	6.12	0	-0.5098	-0.0051
162	SLU 8	0.01	-0.07	6.06	0	-0.5052	-0.0055
162	SLU 9	0	-0.06	6.07	0	-0.5057	-0.0051
162	SLU 10	0	-0.06	6.6	0	-0.5497	-0.0046
162	SLU 11	0	-0.06	6.72	0	-0.5602	-0.0053
162	SLU 12	0	-0.06	6.73	0	-0.5608	-0.0049
162	SLU 13	0	-0.06	6.69	0	-0.5571	-0.0047
162	SLU 14	0	-0.06	6.81	0	-0.5676	-0.0054
162	SLU 15	0	-0.06	6.82	0	-0.5681	-0.005
162	SLU 16	0	-0.07	6.76	0	-0.5636	-0.0054
162	SLU 17	0	-0.06	6.77	0	-0.5641	-0.0051
162	SLU 18	0	-0.06	6.89	0	-0.5738	-0.0052
162	SLU 19	0	-0.06	6.89	0	-0.5744	-0.0048
162	SLU 20	0	-0.06	6.97	0	-0.5812	-0.0053
162	SLU 21	0	-0.06	6.98	0	-0.5818	-0.0049
162	SLU 22	0.01	-0.06	6.5	0	-0.5414	-0.0049
162	SLU 23	0.01	-0.05	6.51	0	-0.5423	-0.0043
162	SLU 24	0.01	-0.06	6.63	0	-0.5528	-0.005
162	SLU 25	0.01	-0.05	6.64	0	-0.5533	-0.0046
162	SLU 26	0.01	-0.05	6.6	0	-0.5496	-0.0044
162	SLU 27	0.01	-0.06	6.72	0	-0.5601	-0.005
162	SLU 28	0.01	-0.06	6.73	0	-0.5607	-0.0047
162	SLU 29	0.01	-0.06	6.67	0	-0.5561	-0.0051
162	SLU 30	0.01	-0.06	6.68	0	-0.5567	-0.0047
162	SLU 31	0	-0.05	7.21	0	-0.6006	-0.0042
162	SLU 32	0.01	-0.06	7.33	0	-0.6111	-0.0049
162	SLU 33	0	-0.05	7.34	0	-0.6117	-0.0045
162	SLU 34	0	-0.05	7.3	0	-0.608	-0.0043
162	SLU 35	0.01	-0.06	7.42	0	-0.6185	-0.005
162	SLU 36	0	-0.05	7.43	0	-0.619	-0.0046
162	SLU 37	0.01	-0.06	7.37	0	-0.6145	-0.005
162	SLU 38	0	-0.06	7.38	0	-0.615	-0.0046
162	SLU 39	0	-0.06	7.5	0	-0.6248	-0.0048
162	SLU 40	0	-0.05	7.5	0	-0.6253	-0.0044
162	SLU 41	0	-0.06	7.59	0	-0.6321	-0.0049
162	SLU 42	0	-0.05	7.59	0	-0.6327	-0.0045
162	SLU 43	0.01	-0.09	7.44	0	-0.6201	-0.0071
162	SLU 44	0.01	-0.08	7.45	0	-0.621	-0.0064
162	SLU 45	0.01	-0.09	7.58	0	-0.6315	-0.0071
162	SLU 46	0.01	-0.08	7.58	0	-0.6321	-0.0067
162	SLU 47	0	-0.08	7.54	0	-0.6284	-0.0065
162	SLU 48	0.01	-0.09	7.67	0	-0.6389	-0.0072
162	SLU 49	0.01	-0.08	7.67	0	-0.6394	-0.0068
162	SLU 50	0.01	-0.09	7.62	0	-0.6349	-0.0073
162	SLU 51	0.01	-0.08	7.62	0	-0.6354	-0.0069
162	SLU 52	0	-0.08	8.15	0	-0.6794	-0.0063
162	SLU 53	0	-0.08	8.28	0	-0.6899	-0.007
162	SLU 54	0	-0.08	8.29	0	-0.6904	-0.0066
162	SLU 55	0	-0.08	8.24	0	-0.6868	-0.0064
162	SLU 56	0	-0.09	8.37	0	-0.6973	-0.0071
162	SLU 57	0	-0.08	8.37	0	-0.6978	-0.0067
162	SLU 58	0	-0.09	8.32	0	-0.6933	-0.0072
162	SLU 59	0	-0.08	8.33	0	-0.6938	-0.0068
162	SLU 60	0	-0.08	8.44	0	-0.7035	-0.007
162	SLU 61	0	-0.08	8.45	0	-0.7041	-0.0066
162	SLU 62	0	-0.08	8.53	0	-0.7109	-0.0071
162	SLU 63	0	-0.08	8.54	0	-0.7114	-0.0067
162	SLU 64	0.01	-0.08	8.05	0	-0.6711	-0.0067
162	SLU 65	0.01	-0.07	8.06	0	-0.6719	-0.006
162	SLU 66	0.01	-0.08	8.19	0	-0.6824	-0.0067
162	SLU 67	0.01	-0.08	8.2	0	-0.683	-0.0063
162	SLU 68	0.01	-0.07	8.15	0	-0.6793	-0.0061
162	SLU 69	0.01	-0.08	8.28	0	-0.6898	-0.0068
162	SLU 70	0.01	-0.08	8.28	0	-0.6904	-0.0064
162	SLU 71	0.01	-0.08	8.23	0	-0.6858	-0.0069
162	SLU 72	0.01	-0.08	8.24	0	-0.6863	-0.0065
162	SLU 73	0.01	-0.07	8.76	0	-0.7303	-0.0059
162	SLU 74	0.01	-0.08	8.89	0	-0.7408	-0.0066
162	SLU 75	0.01	-0.07	8.9	0	-0.7414	-0.0062
162	SLU 76	0	-0.07	8.85	0	-0.7377	-0.006
162	SLU 77	0.01	-0.08	8.98	0	-0.7482	-0.0067
162	SLU 78	0.01	-0.08	8.98	0	-0.7487	-0.0063



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
162	SLU 79	0.01	-0.08	8.93	0	-0.7442	-0.0068
162	SLU 80	0	-0.08	8.94	0	-0.7447	-0.0064
162	SLU 81	0.01	-0.08	9.05	0	-0.7545	-0.0066
162	SLU 82	0	-0.07	9.06	0	-0.755	-0.0062
162	SLU 83	0.01	-0.08	9.14	0	-0.7618	-0.0066
162	SLU 84	0	-0.08	9.15	0	-0.7624	-0.0063
162	SLE RA 1	0.01	-0.06	6.06	0	-0.505	-0.0052
162	SLE RA 2	0.01	-0.06	6.07	0	-0.5056	-0.0048
162	SLE RA 3	0.01	-0.06	6.15	0	-0.5126	-0.0052
162	SLE RA 4	0.01	-0.06	6.16	0	-0.513	-0.005
162	SLE RA 5	0.01	-0.06	6.13	0	-0.5105	-0.0048
162	SLE RA 6	0.01	-0.06	6.21	0	-0.5175	-0.0053
162	SLE RA 7	0.01	-0.06	6.21	0	-0.5179	-0.005
162	SLE RA 8	0.01	-0.06	6.18	0	-0.5148	-0.0053
162	SLE RA 9	0.01	-0.06	6.18	0	-0.5152	-0.0051
162	SLE RA 10	0	-0.06	6.53	0	-0.5445	-0.0047
162	SLE RA 11	0	-0.06	6.62	0	-0.5515	-0.0052
162	SLE RA 12	0	-0.06	6.62	0	-0.5519	-0.0049
162	SLE RA 13	0	-0.06	6.59	0	-0.5494	-0.0048
162	SLE RA 14	0	-0.06	6.68	0	-0.5564	-0.0053
162	SLE RA 15	0	-0.06	6.68	0	-0.5568	-0.005
162	SLE RA 16	0	-0.06	6.65	0	-0.5538	-0.0053
162	SLE RA 17	0	-0.06	6.65	0	-0.5541	-0.005
162	SLE RA 18	0	-0.06	6.73	0	-0.5606	-0.0051
162	SLE RA 19	0	-0.06	6.73	0	-0.561	-0.0049
162	SLE RA 20	0	-0.06	6.79	0	-0.5655	-0.0052
162	SLE RA 21	0	-0.06	6.79	0	-0.5659	-0.0049
162	SLE FR 1	0.01	-0.06	6.06	0	-0.505	-0.0052
162	SLE FR 2	0.01	-0.06	6.06	0	-0.5051	-0.0051
162	SLE FR 3	0.01	-0.06	6.08	0	-0.507	-0.0052
162	SLE FR 4	0.01	-0.06	6.26	0	-0.5218	-0.0051
162	SLE FR 5	0.01	-0.06	6.28	0	-0.5237	-0.0052
162	SLE FR 6	0.01	-0.06	6.39	0	-0.5328	-0.0052
162	SLE QP 1	0.01	-0.06	6.06	0	-0.505	-0.0052
162	SLE QP 2	0.01	-0.06	6.26	0	-0.5217	-0.0052
162	SLD 1	0.53	0.04	6.05	0	-0.5041	0.003
162	SLD 2	0.58	0.05	6.08	0	-0.5067	0.0044
162	SLD 3	0.52	-0.1	5.83	0	-0.4858	-0.0081
162	SLD 4	0.58	-0.08	5.86	0	-0.4884	-0.0067
162	SLD 5	0.16	0.17	6.52	0	-0.5436	0.0139
162	SLD 6	0.2	0.18	6.54	0	-0.5453	0.0148
162	SLD 7	0.14	-0.28	5.79	0	-0.4828	-0.0231
162	SLD 8	0.18	-0.27	5.81	0	-0.4845	-0.0222
162	SLD 9	-0.17	0.14	6.71	0	-0.5589	0.0118
162	SLD 10	-0.13	0.15	6.73	0	-0.5606	0.0127
162	SLD 11	-0.19	-0.3	5.98	0	-0.4981	-0.0252
162	SLD 12	-0.15	-0.29	6	0	-0.4998	-0.0243
162	SLD 13	-0.57	-0.04	6.66	0	-0.555	-0.0037
162	SLD 14	-0.51	-0.03	6.69	0	-0.5575	-0.0023
162	SLD 15	-0.57	-0.18	6.44	0	-0.5367	-0.0148
162	SLD 16	-0.52	-0.16	6.47	0	-0.5393	-0.0134
162	SLV 1	1.23	0.16	5.76	0	-0.4798	0.0137
162	SLV 2	1.36	0.2	5.83	0	-0.4858	0.0169
162	SLV 3	1.21	-0.14	5.26	0	-0.4385	-0.0115
162	SLV 4	1.34	-0.1	5.33	0	-0.4445	-0.0083
162	SLV 5	0.37	0.46	6.85	0	-0.5708	0.0381
162	SLV 6	0.46	0.48	6.9	0	-0.5746	0.0401
162	SLV 7	0.32	-0.55	5.2	0	-0.433	-0.0458
162	SLV 8	0.41	-0.52	5.24	0	-0.4369	-0.0437
162	SLV 9	-0.4	0.4	7.28	0	-0.6065	0.0333
162	SLV 10	-0.31	0.42	7.32	0	-0.6104	0.0354
162	SLV 11	-0.44	-0.61	5.62	0	-0.4687	-0.0505
162	SLV 12	-0.36	-0.58	5.67	0	-0.4726	-0.0485
162	SLV 13	-1.33	-0.03	7.19	0	-0.5989	-0.0021
162	SLV 14	-1.2	0.01	7.26	0	-0.6049	0.0011
162	SLV 15	-1.35	-0.33	6.69	0	-0.5576	-0.0273
162	SLV 16	-1.21	-0.29	6.76	0	-0.5636	-0.0241
162	CRTFP Ux+	0	0	0	0	0	0
162	CRTFP Ux-	0	0	0	0	0	0
162	CRTFP Uy+	0	0	0	0	0	0
162	CRTFP Uy-	0	0	0	0	0	0
164	SLU 1	0.01	-0.07	5.88	0	-0.3919	-0.0047
164	SLU 2	0	-0.06	5.89	0	-0.3926	-0.0042
164	SLU 3	0.01	-0.07	6.01	0	-0.401	-0.0048
164	SLU 4	0.01	-0.07	6.02	0	-0.4014	-0.0044
164	SLU 5	0	-0.06	5.98	0	-0.3984	-0.0042
164	SLU 6	0.01	-0.07	6.1	0	-0.4069	-0.0048
164	SLU 7	0	-0.07	6.11	0	-0.4072	-0.0045
164	SLU 8	0.01	-0.07	6.05	0	-0.4037	-0.0049
164	SLU 9	0	-0.07	6.06	0	-0.404	-0.0045
164	SLU 10	0	-0.06	6.59	0	-0.439	-0.0042
164	SLU 11	0	-0.07	6.71	0	-0.4474	-0.0048
164	SLU 12	0	-0.07	6.72	0	-0.4478	-0.0044
164	SLU 13	0	-0.06	6.67	0	-0.4449	-0.0042
164	SLU 14	0	-0.07	6.8	0	-0.4533	-0.0048
164	SLU 15	0	-0.07	6.81	0	-0.4537	-0.0045
164	SLU 16	0	-0.07	6.75	0	-0.4501	-0.0049
164	SLU 17	0	-0.07	6.76	0	-0.4505	-0.0045
164	SLU 18	0	-0.07	6.87	0	-0.4583	-0.0047



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
164	SLU 19	0	-0.07	6.88	0	-0.4587	-0.0044
164	SLU 20	0	-0.07	6.96	0	-0.4641	-0.0048
164	SLU 21	0	-0.07	6.97	0	-0.4645	-0.0045
164	SLU 22	0.01	-0.07	6.49	0	-0.4326	-0.0044
164	SLU 23	0.01	-0.06	6.5	0	-0.4333	-0.0039
164	SLU 24	0.01	-0.07	6.63	0	-0.4417	-0.0045
164	SLU 25	0.01	-0.06	6.63	0	-0.4421	-0.0041
164	SLU 26	0.01	-0.06	6.59	0	-0.4391	-0.004
164	SLU 27	0.01	-0.07	6.71	0	-0.4476	-0.0046
164	SLU 28	0.01	-0.06	6.72	0	-0.448	-0.0042
164	SLU 29	0.01	-0.07	6.67	0	-0.4444	-0.0046
164	SLU 30	0.01	-0.06	6.67	0	-0.4448	-0.0043
164	SLU 31	0	-0.06	7.2	0	-0.4797	-0.0039
164	SLU 32	0.01	-0.07	7.32	0	-0.4882	-0.0045
164	SLU 33	0.01	-0.06	7.33	0	-0.4885	-0.0041
164	SLU 34	0	-0.06	7.28	0	-0.4856	-0.004
164	SLU 35	0.01	-0.07	7.41	0	-0.494	-0.0046
164	SLU 36	0	-0.06	7.42	0	-0.4944	-0.0042
164	SLU 37	0.01	-0.07	7.36	0	-0.4908	-0.0046
164	SLU 38	0	-0.06	7.37	0	-0.4912	-0.0043
164	SLU 39	0.01	-0.07	7.48	0	-0.499	-0.0044
164	SLU 40	0	-0.06	7.49	0	-0.4994	-0.0041
164	SLU 41	0	-0.07	7.57	0	-0.5049	-0.0045
164	SLU 42	0	-0.06	7.58	0	-0.5052	-0.0042
164	SLU 43	0.01	-0.09	7.43	0	-0.4955	-0.0062
164	SLU 44	0.01	-0.08	7.44	0	-0.4962	-0.0057
164	SLU 45	0.01	-0.09	7.57	0	-0.5046	-0.0063
164	SLU 46	0.01	-0.09	7.57	0	-0.505	-0.0059
164	SLU 47	0.01	-0.09	7.53	0	-0.502	-0.0057
164	SLU 48	0.01	-0.1	7.66	0	-0.5105	-0.0063
164	SLU 49	0.01	-0.09	7.66	0	-0.5109	-0.006
164	SLU 50	0.01	-0.1	7.61	0	-0.5073	-0.0064
164	SLU 51	0.01	-0.09	7.61	0	-0.5077	-0.0061
164	SLU 52	0	-0.08	8.14	0	-0.5426	-0.0057
164	SLU 53	0	-0.09	8.27	0	-0.551	-0.0063
164	SLU 54	0	-0.09	8.27	0	-0.5514	-0.0059
164	SLU 55	0	-0.09	8.23	0	-0.5485	-0.0057
164	SLU 56	0	-0.1	8.35	0	-0.5569	-0.0063
164	SLU 57	0	-0.09	8.36	0	-0.5573	-0.006
164	SLU 58	0	-0.1	8.31	0	-0.5537	-0.0064
164	SLU 59	0	-0.09	8.31	0	-0.5541	-0.0061
164	SLU 60	0	-0.09	8.43	0	-0.5619	-0.0062
164	SLU 61	0	-0.09	8.43	0	-0.5623	-0.0059
164	SLU 62	0	-0.09	8.52	0	-0.5678	-0.0063
164	SLU 63	0	-0.09	8.52	0	-0.5681	-0.006
164	SLU 64	0.01	-0.09	8.04	0	-0.5362	-0.0059
164	SLU 65	0.01	-0.08	8.05	0	-0.5369	-0.0054
164	SLU 66	0.01	-0.09	8.18	0	-0.5453	-0.006
164	SLU 67	0.01	-0.08	8.19	0	-0.5457	-0.0057
164	SLU 68	0.01	-0.08	8.14	0	-0.5428	-0.0055
164	SLU 69	0.01	-0.09	8.27	0	-0.5512	-0.0061
164	SLU 70	0.01	-0.09	8.27	0	-0.5516	-0.0057
164	SLU 71	0.01	-0.09	8.22	0	-0.548	-0.0061
164	SLU 72	0.01	-0.09	8.23	0	-0.5484	-0.0058
164	SLU 73	0.01	-0.08	8.75	0	-0.5833	-0.0054
164	SLU 74	0.01	-0.09	8.88	0	-0.5918	-0.006
164	SLU 75	0.01	-0.08	8.88	0	-0.5922	-0.0057
164	SLU 76	0.01	-0.08	8.84	0	-0.5892	-0.0055
164	SLU 77	0.01	-0.09	8.96	0	-0.5976	-0.0061
164	SLU 78	0.01	-0.09	8.97	0	-0.598	-0.0057
164	SLU 79	0.01	-0.09	8.92	0	-0.5944	-0.0061
164	SLU 80	0.01	-0.09	8.92	0	-0.5948	-0.0058
164	SLU 81	0.01	-0.09	9.04	0	-0.6026	-0.0059
164	SLU 82	0.01	-0.08	9.04	0	-0.603	-0.0056
164	SLU 83	0.01	-0.09	9.13	0	-0.6085	-0.006
164	SLU 84	0	-0.09	9.13	0	-0.6089	-0.0057
164	SLE RA 1	0.01	-0.07	6.05	0	-0.4035	-0.0046
164	SLE RA 2	0.01	-0.06	6.06	0	-0.404	-0.0043
164	SLE RA 3	0.01	-0.07	6.14	0	-0.4096	-0.0047
164	SLE RA 4	0.01	-0.07	6.15	0	-0.4099	-0.0044
164	SLE RA 5	0.01	-0.06	6.12	0	-0.4079	-0.0043
164	SLE RA 6	0.01	-0.07	6.2	0	-0.4135	-0.0047
164	SLE RA 7	0.01	-0.07	6.21	0	-0.4138	-0.0045
164	SLE RA 8	0.01	-0.07	6.17	0	-0.4114	-0.0047
164	SLE RA 9	0.01	-0.07	6.17	0	-0.4116	-0.0045
164	SLE RA 10	0	-0.06	6.52	0	-0.4349	-0.0043
164	SLE RA 11	0.01	-0.07	6.61	0	-0.4406	-0.0047
164	SLE RA 12	0	-0.07	6.61	0	-0.4408	-0.0044
164	SLE RA 13	0	-0.06	6.58	0	-0.4389	-0.0043
164	SLE RA 14	0	-0.07	6.67	0	-0.4445	-0.0047
164	SLE RA 15	0	-0.07	6.67	0	-0.4447	-0.0045
164	SLE RA 16	0	-0.07	6.64	0	-0.4423	-0.0047
164	SLE RA 17	0	-0.07	6.64	0	-0.4426	-0.0045
164	SLE RA 18	0	-0.07	6.72	0	-0.4478	-0.0046
164	SLE RA 19	0	-0.07	6.72	0	-0.448	-0.0044
164	SLE RA 20	0	-0.07	6.78	0	-0.4517	-0.0047
164	SLE RA 21	0	-0.07	6.78	0	-0.452	-0.0045
164	SLE FR 1	0.01	-0.07	6.05	0	-0.4035	-0.0046
164	SLE FR 2	0.01	-0.07	6.05	0	-0.4036	-0.0046



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
164	SLE FR 3	0.01	-0.07	6.08	0	-0.4051	-0.0047
164	SLE FR 4	0.01	-0.07	6.25	0	-0.4169	-0.0046
164	SLE FR 5	0.01	-0.07	6.28	0	-0.4184	-0.0047
164	SLE FR 6	0.01	-0.07	6.38	0	-0.4257	-0.0046
164	SLE QP 1	0.01	-0.07	6.05	0	-0.4035	-0.0046
164	SLE QP 2	0.01	-0.07	6.25	0	-0.4168	-0.0046
164	SLD 1	0.53	0.03	5.99	0	-0.3994	0.0023
164	SLD 2	0.58	0.05	6.02	0	-0.4016	0.0036
164	SLD 3	0.52	-0.1	5.77	0	-0.3848	-0.0065
164	SLD 4	0.58	-0.08	5.8	0	-0.387	-0.0052
164	SLD 5	0.16	0.16	6.5	0	-0.4334	0.0106
164	SLD 6	0.2	0.17	6.52	0	-0.4349	0.0114
164	SLD 7	0.14	-0.28	5.77	0	-0.3846	-0.0187
164	SLD 8	0.18	-0.27	5.79	0	-0.386	-0.0179
164	SLD 9	-0.16	0.13	6.71	0	-0.4476	0.0086
164	SLD 10	-0.13	0.14	6.74	0	-0.449	0.0095
164	SLD 11	-0.19	-0.31	5.98	0	-0.3988	-0.0206
164	SLD 12	-0.15	-0.3	6	0	-0.4002	-0.0198
164	SLD 13	-0.56	-0.06	6.7	0	-0.4467	-0.004
164	SLD 14	-0.51	-0.04	6.73	0	-0.4489	-0.0028
164	SLD 15	-0.57	-0.19	6.48	0	-0.432	-0.0128
164	SLD 16	-0.51	-0.17	6.51	0	-0.4342	-0.0116
164	SLV 1	1.22	0.17	5.63	0	-0.3755	0.0113
164	SLV 2	1.35	0.21	5.71	0	-0.3807	0.0142
164	SLV 3	1.21	-0.13	5.14	0	-0.3424	-0.0086
164	SLV 4	1.34	-0.09	5.21	0	-0.3475	-0.0057
164	SLV 5	0.37	0.45	6.81	0	-0.4538	0.0298
164	SLV 6	0.46	0.48	6.86	0	-0.4571	0.0317
164	SLV 7	0.32	-0.55	5.15	0	-0.3433	-0.0365
164	SLV 8	0.41	-0.52	5.2	0	-0.3466	-0.0346
164	SLV 9	-0.39	0.38	7.31	0	-0.487	0.0254
164	SLV 10	-0.31	0.41	7.35	0	-0.4903	0.0272
164	SLV 11	-0.44	-0.61	5.65	0	-0.3765	-0.041
164	SLV 12	-0.36	-0.59	5.7	0	-0.3798	-0.0391
164	SLV 13	-1.32	-0.05	7.29	0	-0.4861	-0.0036
164	SLV 14	-1.19	-0.01	7.37	0	-0.4912	-0.0007
164	SLV 15	-1.34	-0.35	6.79	0	-0.453	-0.0235
164	SLV 16	-1.21	-0.31	6.87	0	-0.4581	-0.0206
164	CRTFP Ux+	0	0	0	0	0	0
164	CRTFP Ux-	0	0	0	0	0	0
164	CRTFP Uy+	0	0	0	0	0	0
164	CRTFP Uy-	0	0	0	0	0	0
166	SLU 1	0.01	-0.08	5.79	0	-0.2895	-0.0038
166	SLU 2	0	-0.07	5.8	0	-0.29	-0.0034
166	SLU 3	0.01	-0.08	5.92	0	-0.2962	-0.0039
166	SLU 4	0.01	-0.07	5.93	0	-0.2965	-0.0036
166	SLU 5	0	-0.07	5.89	0	-0.2943	-0.0035
166	SLU 6	0.01	-0.08	6.01	0	-0.3005	-0.0039
166	SLU 7	0	-0.07	6.02	0	-0.3008	-0.0037
166	SLU 8	0.01	-0.08	5.96	0	-0.2982	-0.004
166	SLU 9	0	-0.07	5.97	0	-0.2984	-0.0037
166	SLU 10	0	-0.07	6.48	0	-0.3241	-0.0034
166	SLU 11	0	-0.08	6.61	0	-0.3304	-0.0039
166	SLU 12	0	-0.07	6.61	0	-0.3307	-0.0036
166	SLU 13	0	-0.07	6.57	0	-0.3285	-0.0035
166	SLU 14	0	-0.08	6.69	0	-0.3347	-0.004
166	SLU 15	0	-0.07	6.7	0	-0.335	-0.0037
166	SLU 16	0	-0.08	6.65	0	-0.3324	-0.004
166	SLU 17	0	-0.07	6.65	0	-0.3326	-0.0037
166	SLU 18	0	-0.08	6.77	0	-0.3384	-0.0039
166	SLU 19	0	-0.07	6.77	0	-0.3386	-0.0036
166	SLU 20	0	-0.08	6.85	0	-0.3427	-0.0039
166	SLU 21	0	-0.07	6.86	0	-0.343	-0.0037
166	SLU 22	0.01	-0.07	6.39	0	-0.3196	-0.0037
166	SLU 23	0.01	-0.06	6.4	0	-0.3201	-0.0032
166	SLU 24	0.01	-0.07	6.53	0	-0.3263	-0.0037
166	SLU 25	0.01	-0.07	6.53	0	-0.3266	-0.0034
166	SLU 26	0.01	-0.07	6.49	0	-0.3244	-0.0033
166	SLU 27	0.01	-0.08	6.61	0	-0.3307	-0.0038
166	SLU 28	0.01	-0.07	6.62	0	-0.3309	-0.0035
166	SLU 29	0.01	-0.08	6.57	0	-0.3283	-0.0038
166	SLU 30	0.01	-0.07	6.57	0	-0.3286	-0.0035
166	SLU 31	0	-0.07	7.09	0	-0.3543	-0.0033
166	SLU 32	0.01	-0.07	7.21	0	-0.3605	-0.0037
166	SLU 33	0.01	-0.07	7.22	0	-0.3608	-0.0035
166	SLU 34	0	-0.07	7.17	0	-0.3586	-0.0033
166	SLU 35	0.01	-0.08	7.3	0	-0.3649	-0.0038
166	SLU 36	0	-0.07	7.3	0	-0.3651	-0.0036
166	SLU 37	0.01	-0.08	7.25	0	-0.3625	-0.0038
166	SLU 38	0	-0.07	7.26	0	-0.3628	-0.0036
166	SLU 39	0.01	-0.07	7.37	0	-0.3685	-0.0037
166	SLU 40	0	-0.07	7.38	0	-0.3688	-0.0035
166	SLU 41	0.01	-0.08	7.46	0	-0.3728	-0.0038
166	SLU 42	0	-0.07	7.46	0	-0.3731	-0.0035
166	SLU 43	0.01	-0.1	7.32	0	-0.3661	-0.005
166	SLU 44	0.01	-0.09	7.33	0	-0.3665	-0.0046
166	SLU 45	0.01	-0.1	7.45	0	-0.3727	-0.0051
166	SLU 46	0.01	-0.1	7.46	0	-0.373	-0.0048
166	SLU 47	0.01	-0.09	7.42	0	-0.3708	-0.0047



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
166	SLU 48	0.01	-0.1	7.54	0	-0.3771	-0.0051
166	SLU 49	0.01	-0.1	7.55	0	-0.3773	-0.0049
166	SLU 50	0.01	-0.1	7.49	0	-0.3747	-0.0051
166	SLU 51	0.01	-0.1	7.5	0	-0.375	-0.0049
166	SLU 52	0	-0.09	8.01	0	-0.4007	-0.0046
166	SLU 53	0	-0.1	8.14	0	-0.4069	-0.0051
166	SLU 54	0	-0.1	8.14	0	-0.4072	-0.0048
166	SLU 55	0	-0.09	8.1	0	-0.405	-0.0047
166	SLU 56	0	-0.1	8.23	0	-0.4113	-0.0052
166	SLU 57	0	-0.1	8.23	0	-0.4115	-0.0049
166	SLU 58	0	-0.1	8.18	0	-0.4089	-0.0052
166	SLU 59	0	-0.1	8.18	0	-0.4092	-0.0049
166	SLU 60	0	-0.1	8.3	0	-0.4149	-0.0051
166	SLU 61	0	-0.1	8.3	0	-0.4152	-0.0048
166	SLU 62	0	-0.1	8.38	0	-0.4192	-0.0051
166	SLU 63	0	-0.1	8.39	0	-0.4195	-0.0049
166	SLU 64	0.01	-0.1	7.92	0	-0.3962	-0.0048
166	SLU 65	0.01	-0.09	7.93	0	-0.3966	-0.0044
166	SLU 66	0.01	-0.1	8.06	0	-0.4029	-0.0049
166	SLU 67	0.01	-0.09	8.06	0	-0.4031	-0.0046
166	SLU 68	0.01	-0.09	8.02	0	-0.4009	-0.0045
166	SLU 69	0.01	-0.1	8.14	0	-0.4072	-0.005
166	SLU 70	0.01	-0.09	8.15	0	-0.4075	-0.0047
166	SLU 71	0.01	-0.1	8.1	0	-0.4048	-0.005
166	SLU 72	0.01	-0.09	8.1	0	-0.4051	-0.0047
166	SLU 73	0.01	-0.09	8.62	0	-0.4308	-0.0045
166	SLU 74	0.01	-0.1	8.74	0	-0.4371	-0.0049
166	SLU 75	0.01	-0.09	8.75	0	-0.4373	-0.0047
166	SLU 76	0.01	-0.09	8.7	0	-0.4351	-0.0045
166	SLU 77	0.01	-0.1	8.83	0	-0.4414	-0.005
166	SLU 78	0.01	-0.1	8.83	0	-0.4417	-0.0048
166	SLU 79	0.01	-0.1	8.78	0	-0.439	-0.005
166	SLU 80	0.01	-0.1	8.79	0	-0.4393	-0.0048
166	SLU 81	0.01	-0.1	8.9	0	-0.445	-0.0049
166	SLU 82	0.01	-0.09	8.91	0	-0.4453	-0.0047
166	SLU 83	0.01	-0.1	8.99	0	-0.4494	-0.005
166	SLU 84	0.01	-0.09	8.99	0	-0.4496	-0.0047
166	SLE RA 1	0.01	-0.08	5.96	0	-0.2981	-0.0038
166	SLE RA 2	0.01	-0.07	5.97	0	-0.2984	-0.0035
166	SLE RA 3	0.01	-0.08	6.05	0	-0.3026	-0.0038
166	SLE RA 4	0.01	-0.07	6.06	0	-0.3028	-0.0036
166	SLE RA 5	0.01	-0.07	6.03	0	-0.3013	-0.0035
166	SLE RA 6	0.01	-0.08	6.11	0	-0.3055	-0.0038
166	SLE RA 7	0.01	-0.07	6.11	0	-0.3056	-0.0037
166	SLE RA 8	0.01	-0.08	6.08	0	-0.3039	-0.0039
166	SLE RA 9	0.01	-0.07	6.08	0	-0.3041	-0.0037
166	SLE RA 10	0	-0.07	6.42	0	-0.3212	-0.0035
166	SLE RA 11	0.01	-0.08	6.51	0	-0.3254	-0.0038
166	SLE RA 12	0	-0.07	6.51	0	-0.3256	-0.0037
166	SLE RA 13	0	-0.07	6.48	0	-0.3241	-0.0036
166	SLE RA 14	0.01	-0.08	6.57	0	-0.3283	-0.0039
166	SLE RA 15	0	-0.07	6.57	0	-0.3284	-0.0037
166	SLE RA 16	0.01	-0.08	6.53	0	-0.3267	-0.0039
166	SLE RA 17	0	-0.07	6.54	0	-0.3269	-0.0037
166	SLE RA 18	0	-0.08	6.61	0	-0.3307	-0.0038
166	SLE RA 19	0	-0.07	6.62	0	-0.3309	-0.0036
166	SLE RA 20	0	-0.08	6.67	0	-0.3336	-0.0039
166	SLE RA 21	0	-0.07	6.68	0	-0.3338	-0.0037
166	SLE FR 1	0.01	-0.08	5.96	0	-0.2981	-0.0038
166	SLE FR 2	0.01	-0.07	5.96	0	-0.2982	-0.0037
166	SLE FR 3	0.01	-0.08	5.99	0	-0.2993	-0.0038
166	SLE FR 4	0.01	-0.07	6.16	0	-0.308	-0.0037
166	SLE FR 5	0.01	-0.08	6.18	0	-0.3091	-0.0038
166	SLE FR 6	0.01	-0.08	6.29	0	-0.3144	-0.0038
166	SLE QP 1	0.01	-0.08	5.96	0	-0.2981	-0.0038
166	SLE QP 2	0.01	-0.08	6.16	0	-0.3079	-0.0038
166	SLD 1	0.51	0.03	5.85	0	-0.2925	0.0016
166	SLD 2	0.57	0.05	5.88	0	-0.2942	0.0026
166	SLD 3	0.51	-0.1	5.63	0	-0.2816	-0.0048
166	SLD 4	0.56	-0.08	5.67	0	-0.2834	-0.0038
166	SLD 5	0.16	0.15	6.39	0	-0.3195	0.0074
166	SLD 6	0.2	0.16	6.41	0	-0.3206	0.0081
166	SLD 7	0.14	-0.28	5.66	0	-0.2832	-0.014
166	SLD 8	0.17	-0.27	5.69	0	-0.2843	-0.0133
166	SLD 9	-0.16	0.12	6.63	0	-0.3315	0.0058
166	SLD 10	-0.12	0.13	6.65	0	-0.3326	0.0064
166	SLD 11	-0.18	-0.31	5.9	0	-0.2952	-0.0156
166	SLD 12	-0.15	-0.3	5.93	0	-0.2963	-0.0149
166	SLD 13	-0.55	-0.08	6.65	0	-0.3324	-0.0038
166	SLD 14	-0.5	-0.06	6.68	0	-0.3342	-0.0028
166	SLD 15	-0.56	-0.2	6.43	0	-0.3216	-0.0102
166	SLD 16	-0.5	-0.18	6.47	0	-0.3233	-0.0092
166	SLV 1	1.2	0.17	5.43	0	-0.2715	0.0086
166	SLV 2	1.33	0.22	5.51	0	-0.2755	0.011
166	SLV 3	1.18	-0.12	4.94	0	-0.2469	-0.0059
166	SLV 4	1.31	-0.07	5.02	0	-0.2509	-0.0036
166	SLV 5	0.36	0.43	6.67	0	-0.3336	0.0216
166	SLV 6	0.45	0.46	6.72	0	-0.3362	0.0231
166	SLV 7	0.31	-0.54	5.03	0	-0.2515	-0.0269



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
166	SLV 8	0.4	-0.51	5.08	0	-0.2541	-0.0254
166	SLV 9	-0.38	0.36	7.23	0	-0.3617	0.0178
166	SLV 10	-0.3	0.39	7.29	0	-0.3643	0.0193
166	SLV 11	-0.43	-0.61	5.59	0	-0.2796	-0.0307
166	SLV 12	-0.35	-0.58	5.64	0	-0.2822	-0.0291
166	SLV 13	-1.3	-0.08	7.3	0	-0.3649	-0.004
166	SLV 14	-1.17	-0.03	7.38	0	-0.3689	-0.0016
166	SLV 15	-1.31	-0.37	6.81	0	-0.3403	-0.0185
166	SLV 16	-1.18	-0.32	6.89	0	-0.3443	-0.0162
166	CRTFP Ux+	0	0	0	0	0	0
166	CRTFP Ux-	0	0	0	0	0	0
168	SLU 1	0.01	-0.08	5.66	0	0	0
168	SLU 2	0	-0.07	5.67	0	0	0
168	SLU 3	0.01	-0.08	5.79	0	0	0
168	SLU 4	0.01	-0.08	5.79	0	0	0
168	SLU 5	0	-0.07	5.75	0	0	0
168	SLU 6	0.01	-0.08	5.87	0	0	0
168	SLU 7	0	-0.08	5.88	0	0	0
168	SLU 8	0.01	-0.08	5.83	0	0	0
168	SLU 9	0	-0.08	5.83	0	0	0
168	SLU 10	0	-0.07	6.33	0	0	0
168	SLU 11	0	-0.08	6.46	0	0	0
168	SLU 12	0	-0.08	6.46	0	0	0
168	SLU 13	0	-0.07	6.42	0	0	0
168	SLU 14	0	-0.08	6.54	0	0	0
168	SLU 15	0	-0.08	6.54	0	0	0
168	SLU 16	0	-0.09	6.49	0	0	0
168	SLU 17	0	-0.08	6.5	0	0	0
168	SLU 18	0	-0.08	6.61	0	0	0
168	SLU 19	0	-0.08	6.61	0	0	0
168	SLU 20	0	-0.08	6.69	0	0	0
168	SLU 21	0	-0.08	6.7	0	0	0
168	SLU 22	0.01	-0.08	6.25	0	0	0
168	SLU 23	0.01	-0.07	6.26	0	0	0
168	SLU 24	0.01	-0.08	6.38	0	0	0
168	SLU 25	0.01	-0.07	6.38	0	0	0
168	SLU 26	0.01	-0.07	6.34	0	0	0
168	SLU 27	0.01	-0.08	6.46	0	0	0
168	SLU 28	0.01	-0.08	6.47	0	0	0
168	SLU 29	0.01	-0.08	6.42	0	0	0
168	SLU 30	0.01	-0.08	6.42	0	0	0
168	SLU 31	0	-0.07	6.92	0	0	0
168	SLU 32	0.01	-0.08	7.05	0	0	0
168	SLU 33	0.01	-0.08	7.05	0	0	0
168	SLU 34	0	-0.07	7.01	0	0	0
168	SLU 35	0.01	-0.08	7.13	0	0	0
168	SLU 36	0	-0.08	7.13	0	0	0
168	SLU 37	0.01	-0.08	7.08	0	0	0
168	SLU 38	0	-0.08	7.09	0	0	0
168	SLU 39	0.01	-0.08	7.2	0	0	0
168	SLU 40	0	-0.08	7.2	0	0	0
168	SLU 41	0.01	-0.08	7.28	0	0	0
168	SLU 42	0	-0.08	7.29	0	0	0
168	SLU 43	0.01	-0.11	7.15	0	0	0
168	SLU 44	0.01	-0.1	7.16	0	0	0
168	SLU 45	0.01	-0.11	7.28	0	0	0
168	SLU 46	0.01	-0.1	7.29	0	0	0
168	SLU 47	0.01	-0.1	7.25	0	0	0
168	SLU 48	0.01	-0.11	7.37	0	0	0
168	SLU 49	0.01	-0.1	7.37	0	0	0
168	SLU 50	0.01	-0.11	7.32	0	0	0
168	SLU 51	0.01	-0.1	7.33	0	0	0
168	SLU 52	0	-0.1	7.83	0	0	0
168	SLU 53	0	-0.11	7.95	0	0	0
168	SLU 54	0	-0.1	7.96	0	0	0
168	SLU 55	0	-0.1	7.91	0	0	0
168	SLU 56	0	-0.11	8.03	0	0	0
168	SLU 57	0	-0.1	8.04	0	0	0
168	SLU 58	0	-0.11	7.99	0	0	0
168	SLU 59	0	-0.1	7.99	0	0	0
168	SLU 60	0	-0.11	8.11	0	0	0
168	SLU 61	0	-0.1	8.11	0	0	0
168	SLU 62	0	-0.11	8.19	0	0	0
168	SLU 63	0	-0.1	8.19	0	0	0
168	SLU 64	0.01	-0.1	7.74	0	0	0
168	SLU 65	0.01	-0.09	7.75	0	0	0
168	SLU 66	0.01	-0.1	7.87	0	0	0
168	SLU 67	0.01	-0.1	7.88	0	0	0
168	SLU 68	0.01	-0.1	7.84	0	0	0
168	SLU 69	0.01	-0.11	7.96	0	0	0
168	SLU 70	0.01	-0.1	7.96	0	0	0
168	SLU 71	0.01	-0.11	7.91	0	0	0
168	SLU 72	0.01	-0.1	7.92	0	0	0
168	SLU 73	0.01	-0.1	8.42	0	0	0
168	SLU 74	0.01	-0.11	8.54	0	0	0
168	SLU 75	0.01	-0.1	8.54	0	0	0
168	SLU 76	0.01	-0.1	8.5	0	0	0
168	SLU 77	0.01	-0.11	8.62	0	0	0
168	SLU 78	0.01	-0.1	8.63	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
168	SLU 79	0.01	-0.11	8.58	0	0	0
168	SLU 80	0.01	-0.1	8.58	0	0	0
168	SLU 81	0.01	-0.11	8.7	0	0	0
168	SLU 82	0.01	-0.1	8.7	0	0	0
168	SLU 83	0.01	-0.11	8.78	0	0	0
168	SLU 84	0.01	-0.1	8.78	0	0	0
168	SLE RA 1	0.01	-0.08	5.83	0	0	0
168	SLE RA 2	0.01	-0.07	5.83	0	0	0
168	SLE RA 3	0.01	-0.08	5.91	0	0	0
168	SLE RA 4	0.01	-0.08	5.92	0	0	0
168	SLE RA 5	0.01	-0.08	5.89	0	0	0
168	SLE RA 6	0.01	-0.08	5.97	0	0	0
168	SLE RA 7	0.01	-0.08	5.97	0	0	0
168	SLE RA 8	0.01	-0.08	5.94	0	0	0
168	SLE RA 9	0.01	-0.08	5.94	0	0	0
168	SLE RA 10	0	-0.08	6.28	0	0	0
168	SLE RA 11	0.01	-0.08	6.36	0	0	0
168	SLE RA 12	0	-0.08	6.36	0	0	0
168	SLE RA 13	0	-0.08	6.33	0	0	0
168	SLE RA 14	0.01	-0.08	6.41	0	0	0
168	SLE RA 15	0	-0.08	6.42	0	0	0
168	SLE RA 16	0	-0.08	6.38	0	0	0
168	SLE RA 17	0	-0.08	6.39	0	0	0
168	SLE RA 18	0	-0.08	6.46	0	0	0
168	SLE RA 19	0	-0.08	6.46	0	0	0
168	SLE RA 20	0	-0.08	6.52	0	0	0
168	SLE RA 21	0	-0.08	6.52	0	0	0
168	SLE FR 1	0.01	-0.08	5.83	0	0	0
168	SLE FR 2	0.01	-0.08	5.83	0	0	0
168	SLE FR 3	0.01	-0.08	5.85	0	0	0
168	SLE FR 4	0.01	-0.08	6.02	0	0	0
168	SLE FR 5	0.01	-0.08	6.04	0	0	0
168	SLE FR 6	0.01	-0.08	6.14	0	0	0
168	SLE QP 1	0.01	-0.08	5.83	0	0	0
168	SLE QP 2	0.01	-0.08	6.02	0	0	0
168	SLD 1	0.5	0.03	5.67	0	0	0
168	SLD 2	0.55	0.05	5.71	0	0	0
168	SLD 3	0.49	-0.09	5.46	0	0	0
168	SLD 4	0.55	-0.07	5.49	0	0	0
168	SLD 5	0.15	0.14	6.23	0	0	0
168	SLD 6	0.19	0.15	6.25	0	0	0
168	SLD 7	0.13	-0.28	5.52	0	0	0
168	SLD 8	0.17	-0.26	5.54	0	0	0
168	SLD 9	-0.16	0.1	6.49	0	0	0
168	SLD 10	-0.12	0.12	6.52	0	0	0
168	SLD 11	-0.18	-0.31	5.78	0	0	0
168	SLD 12	-0.14	-0.3	5.8	0	0	0
168	SLD 13	-0.54	-0.09	6.54	0	0	0
168	SLD 14	-0.48	-0.07	6.58	0	0	0
168	SLD 15	-0.54	-0.21	6.33	0	0	0
168	SLD 16	-0.49	-0.19	6.36	0	0	0
168	SLV 1	1.16	0.17	5.2	0	0	0
168	SLV 2	1.29	0.22	5.28	0	0	0
168	SLV 3	1.15	-0.11	4.72	0	0	0
168	SLV 4	1.27	-0.06	4.8	0	0	0
168	SLV 5	0.35	0.41	6.49	0	0	0
168	SLV 6	0.43	0.45	6.55	0	0	0
168	SLV 7	0.31	-0.52	4.88	0	0	0
168	SLV 8	0.39	-0.49	4.93	0	0	0
168	SLV 9	-0.37	0.33	7.1	0	0	0
168	SLV 10	-0.29	0.36	7.16	0	0	0
168	SLV 11	-0.42	-0.61	5.49	0	0	0
168	SLV 12	-0.34	-0.57	5.54	0	0	0
168	SLV 13	-1.26	-0.1	7.24	0	0	0
168	SLV 14	-1.14	-0.05	7.32	0	0	0
168	SLV 15	-1.28	-0.38	6.75	0	0	0
168	SLV 16	-1.15	-0.33	6.83	0	0	0
169	SLU 1	0.01	-0.09	5.98	0	0	0
169	SLU 2	0	-0.08	5.99	0	0	0
169	SLU 3	0.01	-0.09	6.12	0	0	0
169	SLU 4	0.01	-0.09	6.12	0	0	0
169	SLU 5	0	-0.09	6.08	0	0	0
169	SLU 6	0.01	-0.1	6.21	0	0	0
169	SLU 7	0	-0.09	6.21	0	0	0
169	SLU 8	0.01	-0.1	6.16	0	0	0
169	SLU 9	0	-0.09	6.16	0	0	0
169	SLU 10	0	-0.09	6.69	0	0	0
169	SLU 11	0	-0.1	6.82	0	0	0
169	SLU 12	0	-0.09	6.83	0	0	0
169	SLU 13	0	-0.09	6.78	0	0	0
169	SLU 14	0	-0.1	6.91	0	0	0
169	SLU 15	0	-0.09	6.92	0	0	0
169	SLU 16	0	-0.1	6.86	0	0	0
169	SLU 17	0	-0.09	6.87	0	0	0
169	SLU 18	0	-0.1	6.99	0	0	0
169	SLU 19	0	-0.09	6.99	0	0	0
169	SLU 20	0	-0.1	7.08	0	0	0
169	SLU 21	0	-0.09	7.08	0	0	0
169	SLU 22	0.01	-0.09	6.61	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
169	SLU 23	0.01	-0.08	6.61	0	0	0
169	SLU 24	0.01	-0.09	6.75	0	0	0
169	SLU 25	0.01	-0.09	6.75	0	0	0
169	SLU 26	0.01	-0.08	6.7	0	0	0
169	SLU 27	0.01	-0.09	6.83	0	0	0
169	SLU 28	0.01	-0.09	6.84	0	0	0
169	SLU 29	0.01	-0.09	6.79	0	0	0
169	SLU 30	0.01	-0.09	6.79	0	0	0
169	SLU 31	0	-0.08	7.32	0	0	0
169	SLU 32	0.01	-0.1	7.45	0	0	0
169	SLU 33	0.01	-0.09	7.45	0	0	0
169	SLU 34	0	-0.09	7.41	0	0	0
169	SLU 35	0.01	-0.1	7.54	0	0	0
169	SLU 36	0	-0.09	7.54	0	0	0
169	SLU 37	0.01	-0.1	7.49	0	0	0
169	SLU 38	0	-0.09	7.49	0	0	0
169	SLU 39	0.01	-0.1	7.61	0	0	0
169	SLU 40	0	-0.09	7.62	0	0	0
169	SLU 41	0.01	-0.1	7.7	0	0	0
169	SLU 42	0	-0.09	7.71	0	0	0
169	SLU 43	0.01	-0.12	7.56	0	0	0
169	SLU 44	0.01	-0.11	7.57	0	0	0
169	SLU 45	0.01	-0.12	7.7	0	0	0
169	SLU 46	0.01	-0.12	7.7	0	0	0
169	SLU 47	0.01	-0.11	7.66	0	0	0
169	SLU 48	0.01	-0.12	7.79	0	0	0
169	SLU 49	0.01	-0.12	7.79	0	0	0
169	SLU 50	0.01	-0.12	7.74	0	0	0
169	SLU 51	0.01	-0.12	7.74	0	0	0
169	SLU 52	0	-0.11	8.27	0	0	0
169	SLU 53	0	-0.13	8.4	0	0	0
169	SLU 54	0	-0.12	8.41	0	0	0
169	SLU 55	0	-0.12	8.36	0	0	0
169	SLU 56	0	-0.13	8.49	0	0	0
169	SLU 57	0	-0.12	8.5	0	0	0
169	SLU 58	0	-0.13	8.44	0	0	0
169	SLU 59	0	-0.12	8.45	0	0	0
169	SLU 60	0	-0.13	8.57	0	0	0
169	SLU 61	0	-0.12	8.57	0	0	0
169	SLU 62	0	-0.13	8.66	0	0	0
169	SLU 63	0	-0.12	8.66	0	0	0
169	SLU 64	0.01	-0.12	8.19	0	0	0
169	SLU 65	0.01	-0.11	8.19	0	0	0
169	SLU 66	0.01	-0.12	8.33	0	0	0
169	SLU 67	0.01	-0.12	8.33	0	0	0
169	SLU 68	0.01	-0.11	8.28	0	0	0
169	SLU 69	0.01	-0.12	8.41	0	0	0
169	SLU 70	0.01	-0.12	8.42	0	0	0
169	SLU 71	0.01	-0.12	8.37	0	0	0
169	SLU 72	0.01	-0.12	8.37	0	0	0
169	SLU 73	0.01	-0.11	8.9	0	0	0
169	SLU 74	0.01	-0.12	9.03	0	0	0
169	SLU 75	0.01	-0.12	9.03	0	0	0
169	SLU 76	0.01	-0.11	8.99	0	0	0
169	SLU 77	0.01	-0.13	9.12	0	0	0
169	SLU 78	0.01	-0.12	9.12	0	0	0
169	SLU 79	0.01	-0.13	9.07	0	0	0
169	SLU 80	0.01	-0.12	9.07	0	0	0
169	SLU 81	0.01	-0.12	9.19	0	0	0
169	SLU 82	0.01	-0.12	9.2	0	0	0
169	SLU 83	0.01	-0.13	9.28	0	0	0
169	SLU 84	0.01	-0.12	9.29	0	0	0
169	SLE RA 1	0.01	-0.09	6.16	0	0	0
169	SLE RA 2	0.01	-0.09	6.17	0	0	0
169	SLE RA 3	0.01	-0.09	6.25	0	0	0
169	SLE RA 4	0.01	-0.09	6.26	0	0	0
169	SLE RA 5	0.01	-0.09	6.22	0	0	0
169	SLE RA 6	0.01	-0.09	6.31	0	0	0
169	SLE RA 7	0.01	-0.09	6.31	0	0	0
169	SLE RA 8	0.01	-0.09	6.28	0	0	0
169	SLE RA 9	0.01	-0.09	6.28	0	0	0
169	SLE RA 10	0	-0.09	6.63	0	0	0
169	SLE RA 11	0.01	-0.1	6.72	0	0	0
169	SLE RA 12	0	-0.09	6.72	0	0	0
169	SLE RA 13	0	-0.09	6.69	0	0	0
169	SLE RA 14	0.01	-0.1	6.78	0	0	0
169	SLE RA 15	0	-0.09	6.78	0	0	0
169	SLE RA 16	0	-0.1	6.75	0	0	0
169	SLE RA 17	0	-0.09	6.75	0	0	0
169	SLE RA 18	0	-0.1	6.83	0	0	0
169	SLE RA 19	0	-0.09	6.83	0	0	0
169	SLE RA 20	0	-0.1	6.89	0	0	0
169	SLE RA 21	0	-0.09	6.89	0	0	0
169	SLE FR 1	0.01	-0.09	6.16	0	0	0
169	SLE FR 2	0.01	-0.09	6.16	0	0	0
169	SLE FR 3	0.01	-0.09	6.18	0	0	0
169	SLE FR 4	0.01	-0.09	6.36	0	0	0
169	SLE FR 5	0.01	-0.09	6.39	0	0	0
169	SLE FR 6	0.01	-0.09	6.5	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
169	SLE QP 1	0.01	-0.09	6.16	0	0	0
169	SLE QP 2	0.01	-0.09	6.36	0	0	0
169	SLD 1	0.53	0.03	5.94	0	0	0
169	SLD 2	0.58	0.05	5.98	0	0	0
169	SLD 3	0.52	-0.1	5.71	0	0	0
169	SLD 4	0.58	-0.08	5.75	0	0	0
169	SLD 5	0.16	0.14	6.57	0	0	0
169	SLD 6	0.2	0.15	6.6	0	0	0
169	SLD 7	0.14	-0.3	5.81	0	0	0
169	SLD 8	0.18	-0.28	5.84	0	0	0
169	SLD 9	-0.16	0.09	6.88	0	0	0
169	SLD 10	-0.13	0.11	6.91	0	0	0
169	SLD 11	-0.19	-0.34	6.12	0	0	0
169	SLD 12	-0.15	-0.32	6.15	0	0	0
169	SLD 13	-0.56	-0.11	6.97	0	0	0
169	SLD 14	-0.51	-0.09	7.01	0	0	0
169	SLD 15	-0.57	-0.24	6.74	0	0	0
169	SLD 16	-0.51	-0.22	6.78	0	0	0
169	SLV 1	1.22	0.19	5.37	0	0	0
169	SLV 2	1.35	0.25	5.46	0	0	0
169	SLV 3	1.21	-0.1	4.86	0	0	0
169	SLV 4	1.34	-0.05	4.95	0	0	0
169	SLV 5	0.37	0.43	6.83	0	0	0
169	SLV 6	0.46	0.46	6.89	0	0	0
169	SLV 7	0.32	-0.55	5.11	0	0	0
169	SLV 8	0.4	-0.51	5.17	0	0	0
169	SLV 9	-0.39	0.33	7.55	0	0	0
169	SLV 10	-0.31	0.36	7.61	0	0	0
169	SLV 11	-0.44	-0.65	5.83	0	0	0
169	SLV 12	-0.36	-0.61	5.89	0	0	0
169	SLV 13	-1.32	-0.14	7.78	0	0	0
169	SLV 14	-1.19	-0.08	7.87	0	0	0
169	SLV 15	-1.34	-0.43	7.26	0	0	0
169	SLV 16	-1.21	-0.38	7.35	0	0	0
170	SLU 1	0	-0.05	3.08	0	0	0
170	SLU 2	0	-0.05	3.09	0	0	0
170	SLU 3	0	-0.05	3.15	0	0	0
170	SLU 4	0	-0.05	3.16	0	0	0
170	SLU 5	0	-0.05	3.13	0	0	0
170	SLU 6	0	-0.05	3.2	0	0	0
170	SLU 7	0	-0.05	3.2	0	0	0
170	SLU 8	0	-0.05	3.17	0	0	0
170	SLU 9	0	-0.05	3.18	0	0	0
170	SLU 10	0	-0.05	3.45	0	0	0
170	SLU 11	0	-0.06	3.52	0	0	0
170	SLU 12	0	-0.05	3.52	0	0	0
170	SLU 13	0	-0.05	3.49	0	0	0
170	SLU 14	0	-0.06	3.56	0	0	0
170	SLU 15	0	-0.05	3.56	0	0	0
170	SLU 16	0	-0.06	3.54	0	0	0
170	SLU 17	0	-0.05	3.54	0	0	0
170	SLU 18	0	-0.06	3.6	0	0	0
170	SLU 19	0	-0.05	3.6	0	0	0
170	SLU 20	0	-0.06	3.65	0	0	0
170	SLU 21	0	-0.05	3.65	0	0	0
170	SLU 22	0	-0.05	3.41	0	0	0
170	SLU 23	0	-0.05	3.41	0	0	0
170	SLU 24	0	-0.05	3.48	0	0	0
170	SLU 25	0	-0.05	3.48	0	0	0
170	SLU 26	0	-0.05	3.45	0	0	0
170	SLU 27	0	-0.05	3.52	0	0	0
170	SLU 28	0	-0.05	3.52	0	0	0
170	SLU 29	0	-0.05	3.5	0	0	0
170	SLU 30	0	-0.05	3.5	0	0	0
170	SLU 31	0	-0.05	3.77	0	0	0
170	SLU 32	0	-0.06	3.84	0	0	0
170	SLU 33	0	-0.05	3.84	0	0	0
170	SLU 34	0	-0.05	3.82	0	0	0
170	SLU 35	0	-0.06	3.89	0	0	0
170	SLU 36	0	-0.05	3.89	0	0	0
170	SLU 37	0	-0.06	3.86	0	0	0
170	SLU 38	0	-0.05	3.86	0	0	0
170	SLU 39	0	-0.05	3.92	0	0	0
170	SLU 40	0	-0.05	3.92	0	0	0
170	SLU 41	0	-0.06	3.97	0	0	0
170	SLU 42	0	-0.05	3.97	0	0	0
170	SLU 43	0	-0.07	3.9	0	0	0
170	SLU 44	0	-0.06	3.9	0	0	0
170	SLU 45	0	-0.07	3.97	0	0	0
170	SLU 46	0	-0.07	3.97	0	0	0
170	SLU 47	0	-0.06	3.95	0	0	0
170	SLU 48	0	-0.07	4.01	0	0	0
170	SLU 49	0	-0.07	4.02	0	0	0
170	SLU 50	0	-0.07	3.99	0	0	0
170	SLU 51	0	-0.07	3.99	0	0	0
170	SLU 52	0	-0.07	4.26	0	0	0
170	SLU 53	0	-0.07	4.33	0	0	0
170	SLU 54	0	-0.07	4.33	0	0	0
170	SLU 55	0	-0.07	4.31	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
170	SLU 56	0	-0.07	4.38	0	0	0
170	SLU 57	0	-0.07	4.38	0	0	0
170	SLU 58	0	-0.07	4.35	0	0	0
170	SLU 59	0	-0.07	4.35	0	0	0
170	SLU 60	0	-0.07	4.41	0	0	0
170	SLU 61	0	-0.07	4.41	0	0	0
170	SLU 62	0	-0.07	4.46	0	0	0
170	SLU 63	0	-0.07	4.46	0	0	0
170	SLU 64	0.01	-0.07	4.22	0	0	0
170	SLU 65	0	-0.06	4.22	0	0	0
170	SLU 66	0.01	-0.07	4.29	0	0	0
170	SLU 67	0	-0.07	4.29	0	0	0
170	SLU 68	0	-0.06	4.27	0	0	0
170	SLU 69	0	-0.07	4.34	0	0	0
170	SLU 70	0	-0.07	4.34	0	0	0
170	SLU 71	0	-0.07	4.31	0	0	0
170	SLU 72	0	-0.07	4.31	0	0	0
170	SLU 73	0	-0.06	4.58	0	0	0
170	SLU 74	0	-0.07	4.65	0	0	0
170	SLU 75	0	-0.07	4.65	0	0	0
170	SLU 76	0	-0.07	4.63	0	0	0
170	SLU 77	0	-0.07	4.7	0	0	0
170	SLU 78	0	-0.07	4.7	0	0	0
170	SLU 79	0	-0.07	4.67	0	0	0
170	SLU 80	0	-0.07	4.68	0	0	0
170	SLU 81	0	-0.07	4.74	0	0	0
170	SLU 82	0	-0.07	4.74	0	0	0
170	SLU 83	0	-0.07	4.78	0	0	0
170	SLU 84	0	-0.07	4.78	0	0	0
170	SLE RA 1	0	-0.05	3.17	0	0	0
170	SLE RA 2	0	-0.05	3.18	0	0	0
170	SLE RA 3	0	-0.05	3.22	0	0	0
170	SLE RA 4	0	-0.05	3.22	0	0	0
170	SLE RA 5	0	-0.05	3.21	0	0	0
170	SLE RA 6	0	-0.05	3.25	0	0	0
170	SLE RA 7	0	-0.05	3.25	0	0	0
170	SLE RA 8	0	-0.05	3.24	0	0	0
170	SLE RA 9	0	-0.05	3.24	0	0	0
170	SLE RA 10	0	-0.05	3.42	0	0	0
170	SLE RA 11	0	-0.05	3.46	0	0	0
170	SLE RA 12	0	-0.05	3.46	0	0	0
170	SLE RA 13	0	-0.05	3.45	0	0	0
170	SLE RA 14	0	-0.05	3.49	0	0	0
170	SLE RA 15	0	-0.05	3.5	0	0	0
170	SLE RA 16	0	-0.05	3.48	0	0	0
170	SLE RA 17	0	-0.05	3.48	0	0	0
170	SLE RA 18	0	-0.05	3.52	0	0	0
170	SLE RA 19	0	-0.05	3.52	0	0	0
170	SLE RA 20	0	-0.05	3.55	0	0	0
170	SLE RA 21	0	-0.05	3.55	0	0	0
170	SLE FR 1	0	-0.05	3.17	0	0	0
170	SLE FR 2	0	-0.05	3.18	0	0	0
170	SLE FR 3	0	-0.05	3.19	0	0	0
170	SLE FR 4	0	-0.05	3.28	0	0	0
170	SLE FR 5	0	-0.05	3.29	0	0	0
170	SLE FR 6	0	-0.05	3.35	0	0	0
170	SLE QP 1	0	-0.05	3.17	0	0	0
170	SLE QP 2	0	-0.05	3.28	0	0	0
170	SLD 1	0.27	0.01	3.03	0	0	0
170	SLD 2	0.3	0.03	3.06	0	0	0
170	SLD 3	0.26	-0.05	2.92	0	0	0
170	SLD 4	0.29	-0.04	2.94	0	0	0
170	SLD 5	0.08	0.06	3.38	0	0	0
170	SLD 6	0.1	0.07	3.4	0	0	0
170	SLD 7	0.07	-0.15	2.99	0	0	0
170	SLD 8	0.09	-0.15	3	0	0	0
170	SLD 9	-0.08	0.04	3.56	0	0	0
170	SLD 10	-0.06	0.05	3.57	0	0	0
170	SLD 11	-0.1	-0.18	3.16	0	0	0
170	SLD 12	-0.08	-0.17	3.18	0	0	0
170	SLD 13	-0.29	-0.07	3.62	0	0	0
170	SLD 14	-0.26	-0.05	3.64	0	0	0
170	SLD 15	-0.29	-0.13	3.5	0	0	0
170	SLD 16	-0.26	-0.12	3.52	0	0	0
170	SLV 1	0.62	0.1	2.7	0	0	0
170	SLV 2	0.69	0.13	2.75	0	0	0
170	SLV 3	0.62	-0.05	2.44	0	0	0
170	SLV 4	0.68	-0.01	2.49	0	0	0
170	SLV 5	0.19	0.21	3.5	0	0	0
170	SLV 6	0.23	0.23	3.54	0	0	0
170	SLV 7	0.16	-0.28	2.61	0	0	0
170	SLV 8	0.21	-0.26	2.64	0	0	0
170	SLV 9	-0.2	0.16	3.91	0	0	0
170	SLV 10	-0.16	0.18	3.95	0	0	0
170	SLV 11	-0.23	-0.34	3.02	0	0	0
170	SLV 12	-0.18	-0.32	3.05	0	0	0
170	SLV 13	-0.68	-0.09	4.07	0	0	0
170	SLV 14	-0.61	-0.06	4.12	0	0	0
170	SLV 15	-0.68	-0.24	3.8	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
170	SLV 16	-0.62	-0.21	3.85	0	0	0
179	SLU 1	-0.03	-0.28	11.46	0	0	0
179	SLU 2	-0.02	-0.26	11.47	0	0	0
179	SLU 3	-0.03	-0.28	11.72	0	0	0
179	SLU 4	-0.03	-0.27	11.73	0	0	0
179	SLU 5	-0.03	-0.26	11.65	0	0	0
179	SLU 6	-0.03	-0.28	11.89	0	0	0
179	SLU 7	-0.03	-0.27	11.9	0	0	0
179	SLU 8	-0.03	-0.28	11.8	0	0	0
179	SLU 9	-0.03	-0.27	11.81	0	0	0
179	SLU 10	-0.02	-0.28	12.8	0	0	0
179	SLU 11	-0.03	-0.3	13.04	0	0	0
179	SLU 12	-0.02	-0.29	13.05	0	0	0
179	SLU 13	-0.02	-0.28	12.97	0	0	0
179	SLU 14	-0.03	-0.3	13.22	0	0	0
179	SLU 15	-0.02	-0.29	13.23	0	0	0
179	SLU 16	-0.03	-0.3	13.13	0	0	0
179	SLU 17	-0.02	-0.29	13.14	0	0	0
179	SLU 18	-0.02	-0.3	13.35	0	0	0
179	SLU 19	-0.02	-0.29	13.36	0	0	0
179	SLU 20	-0.02	-0.3	13.52	0	0	0
179	SLU 21	-0.02	-0.29	13.53	0	0	0
179	SLU 22	-0.03	-0.28	12.63	0	0	0
179	SLU 23	-0.03	-0.27	12.65	0	0	0
179	SLU 24	-0.03	-0.29	12.89	0	0	0
179	SLU 25	-0.03	-0.28	12.9	0	0	0
179	SLU 26	-0.03	-0.27	12.82	0	0	0
179	SLU 27	-0.03	-0.29	13.06	0	0	0
179	SLU 28	-0.03	-0.28	13.07	0	0	0
179	SLU 29	-0.03	-0.29	12.98	0	0	0
179	SLU 30	-0.03	-0.28	12.99	0	0	0
179	SLU 31	-0.02	-0.28	13.97	0	0	0
179	SLU 32	-0.03	-0.31	14.22	0	0	0
179	SLU 33	-0.03	-0.29	14.23	0	0	0
179	SLU 34	-0.02	-0.29	14.15	0	0	0
179	SLU 35	-0.03	-0.31	14.39	0	0	0
179	SLU 36	-0.03	-0.3	14.4	0	0	0
179	SLU 37	-0.03	-0.31	14.3	0	0	0
179	SLU 38	-0.03	-0.3	14.31	0	0	0
179	SLU 39	-0.03	-0.31	14.52	0	0	0
179	SLU 40	-0.02	-0.3	14.53	0	0	0
179	SLU 41	-0.03	-0.31	14.7	0	0	0
179	SLU 42	-0.02	-0.3	14.71	0	0	0
179	SLU 43	-0.04	-0.36	14.49	0	0	0
179	SLU 44	-0.03	-0.34	14.51	0	0	0
179	SLU 45	-0.04	-0.36	14.75	0	0	0
179	SLU 46	-0.03	-0.35	14.76	0	0	0
179	SLU 47	-0.03	-0.34	14.68	0	0	0
179	SLU 48	-0.04	-0.36	14.93	0	0	0
179	SLU 49	-0.04	-0.35	14.93	0	0	0
179	SLU 50	-0.04	-0.36	14.84	0	0	0
179	SLU 51	-0.04	-0.35	14.85	0	0	0
179	SLU 52	-0.03	-0.35	15.83	0	0	0
179	SLU 53	-0.03	-0.38	16.08	0	0	0
179	SLU 54	-0.03	-0.37	16.09	0	0	0
179	SLU 55	-0.03	-0.36	16.01	0	0	0
179	SLU 56	-0.03	-0.38	16.25	0	0	0
179	SLU 57	-0.03	-0.37	16.26	0	0	0
179	SLU 58	-0.03	-0.38	16.16	0	0	0
179	SLU 59	-0.03	-0.37	16.17	0	0	0
179	SLU 60	-0.03	-0.38	16.39	0	0	0
179	SLU 61	-0.03	-0.37	16.4	0	0	0
179	SLU 62	-0.03	-0.38	16.56	0	0	0
179	SLU 63	-0.03	-0.37	16.57	0	0	0
179	SLU 64	-0.04	-0.36	15.66	0	0	0
179	SLU 65	-0.04	-0.35	15.68	0	0	0
179	SLU 66	-0.04	-0.37	15.93	0	0	0
179	SLU 67	-0.04	-0.36	15.94	0	0	0
179	SLU 68	-0.04	-0.35	15.85	0	0	0
179	SLU 69	-0.04	-0.37	16.1	0	0	0
179	SLU 70	-0.04	-0.36	16.11	0	0	0
179	SLU 71	-0.04	-0.37	16.01	0	0	0
179	SLU 72	-0.04	-0.36	16.02	0	0	0
179	SLU 73	-0.03	-0.36	17.01	0	0	0
179	SLU 74	-0.04	-0.39	17.25	0	0	0
179	SLU 75	-0.03	-0.37	17.26	0	0	0
179	SLU 76	-0.03	-0.37	17.18	0	0	0
179	SLU 77	-0.04	-0.39	17.43	0	0	0
179	SLU 78	-0.03	-0.38	17.44	0	0	0
179	SLU 79	-0.04	-0.39	17.34	0	0	0
179	SLU 80	-0.03	-0.38	17.35	0	0	0
179	SLU 81	-0.03	-0.39	17.56	0	0	0
179	SLU 82	-0.03	-0.38	17.57	0	0	0
179	SLU 83	-0.03	-0.39	17.73	0	0	0
179	SLU 84	-0.03	-0.38	17.74	0	0	0
179	SLE RA 1	-0.03	-0.28	11.79	0	0	0
179	SLE RA 2	-0.03	-0.27	11.8	0	0	0
179	SLE RA 3	-0.03	-0.28	11.97	0	0	0
179	SLE RA 4	-0.03	-0.27	11.97	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
179	SLE RA 5	-0.03	-0.27	11.92	0	0	0
179	SLE RA 6	-0.03	-0.28	12.08	0	0	0
179	SLE RA 7	-0.03	-0.28	12.09	0	0	0
179	SLE RA 8	-0.03	-0.28	12.02	0	0	0
179	SLE RA 9	-0.03	-0.28	12.03	0	0	0
179	SLE RA 10	-0.02	-0.28	12.69	0	0	0
179	SLE RA 11	-0.03	-0.29	12.85	0	0	0
179	SLE RA 12	-0.03	-0.29	12.86	0	0	0
179	SLE RA 13	-0.02	-0.28	12.8	0	0	0
179	SLE RA 14	-0.03	-0.3	12.97	0	0	0
179	SLE RA 15	-0.03	-0.29	12.97	0	0	0
179	SLE RA 16	-0.03	-0.29	12.91	0	0	0
179	SLE RA 17	-0.03	-0.29	12.91	0	0	0
179	SLE RA 18	-0.03	-0.29	13.05	0	0	0
179	SLE RA 19	-0.02	-0.29	13.06	0	0	0
179	SLE RA 20	-0.03	-0.3	13.17	0	0	0
179	SLE RA 21	-0.02	-0.29	13.18	0	0	0
179	SLE FR 1	-0.03	-0.28	11.79	0	0	0
179	SLE FR 2	-0.03	-0.28	11.79	0	0	0
179	SLE FR 3	-0.03	-0.28	11.84	0	0	0
179	SLE FR 4	-0.03	-0.28	12.17	0	0	0
179	SLE FR 5	-0.03	-0.28	12.22	0	0	0
179	SLE FR 6	-0.03	-0.29	12.42	0	0	0
179	SLE QP 1	-0.03	-0.28	11.79	0	0	0
179	SLE QP 2	-0.03	-0.28	12.17	0	0	0
179	SLD 1	0.93	-0.28	13.12	0	0	0
179	SLD 2	1.03	-0.33	13.06	0	0	0
179	SLD 3	0.94	-0.53	12.72	0	0	0
179	SLD 4	1.04	-0.58	12.66	0	0	0
179	SLD 5	0.23	0.1	13.07	0	0	0
179	SLD 6	0.29	0.07	13.03	0	0	0
179	SLD 7	0.26	-0.73	11.74	0	0	0
179	SLD 8	0.33	-0.76	11.7	0	0	0
179	SLD 9	-0.38	0.19	12.64	0	0	0
179	SLD 10	-0.31	0.16	12.6	0	0	0
179	SLD 11	-0.35	-0.64	11.31	0	0	0
179	SLD 12	-0.28	-0.67	11.27	0	0	0
179	SLD 13	-1.1	0.01	11.68	0	0	0
179	SLD 14	-1	-0.04	11.62	0	0	0
179	SLD 15	-1.09	-0.24	11.28	0	0	0
179	SLD 16	-0.99	-0.29	11.22	0	0	0
179	SLV 1	2.21	-0.28	14.39	0	0	0
179	SLV 2	2.45	-0.4	14.24	0	0	0
179	SLV 3	2.23	-0.85	13.48	0	0	0
179	SLV 4	2.47	-0.96	13.33	0	0	0
179	SLV 5	0.57	0.59	14.23	0	0	0
179	SLV 6	0.72	0.52	14.14	0	0	0
179	SLV 7	0.64	-1.29	11.22	0	0	0
179	SLV 8	0.8	-1.36	11.12	0	0	0
179	SLV 9	-0.86	0.8	13.22	0	0	0
179	SLV 10	-0.7	0.72	13.13	0	0	0
179	SLV 11	-0.78	-1.09	10.2	0	0	0
179	SLV 12	-0.62	-1.16	10.11	0	0	0
179	SLV 13	-2.53	0.39	11.01	0	0	0
179	SLV 14	-2.29	0.28	10.86	0	0	0
179	SLV 15	-2.51	-0.17	10.1	0	0	0
179	SLV 16	-2.27	-0.28	9.96	0	0	0
180	SLU 1	-0.03	-0.24	11.09	0	0	0
180	SLU 2	-0.02	-0.23	11.11	0	0	0
180	SLU 3	-0.03	-0.24	11.34	0	0	0
180	SLU 4	-0.03	-0.24	11.35	0	0	0
180	SLU 5	-0.02	-0.23	11.28	0	0	0
180	SLU 6	-0.03	-0.25	11.51	0	0	0
180	SLU 7	-0.03	-0.24	11.52	0	0	0
180	SLU 8	-0.03	-0.25	11.43	0	0	0
180	SLU 9	-0.03	-0.24	11.44	0	0	0
180	SLU 10	-0.02	-0.24	12.4	0	0	0
180	SLU 11	-0.02	-0.26	12.63	0	0	0
180	SLU 12	-0.02	-0.25	12.64	0	0	0
180	SLU 13	-0.02	-0.24	12.56	0	0	0
180	SLU 14	-0.03	-0.26	12.8	0	0	0
180	SLU 15	-0.02	-0.25	12.81	0	0	0
180	SLU 16	-0.03	-0.26	12.71	0	0	0
180	SLU 17	-0.02	-0.25	12.72	0	0	0
180	SLU 18	-0.02	-0.26	12.93	0	0	0
180	SLU 19	-0.02	-0.25	12.94	0	0	0
180	SLU 20	-0.02	-0.26	13.1	0	0	0
180	SLU 21	-0.02	-0.25	13.11	0	0	0
180	SLU 22	-0.03	-0.25	12.22	0	0	0
180	SLU 23	-0.03	-0.23	12.24	0	0	0
180	SLU 24	-0.03	-0.25	12.48	0	0	0
180	SLU 25	-0.03	-0.24	12.49	0	0	0
180	SLU 26	-0.03	-0.23	12.41	0	0	0
180	SLU 27	-0.03	-0.25	12.64	0	0	0
180	SLU 28	-0.03	-0.24	12.65	0	0	0
180	SLU 29	-0.03	-0.25	12.56	0	0	0
180	SLU 30	-0.03	-0.24	12.57	0	0	0
180	SLU 31	-0.02	-0.24	13.53	0	0	0
180	SLU 32	-0.03	-0.26	13.76	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
180	SLU 33	-0.02	-0.25	13.77	0	0	0
180	SLU 34	-0.02	-0.25	13.7	0	0	0
180	SLU 35	-0.03	-0.27	13.93	0	0	0
180	SLU 36	-0.03	-0.26	13.94	0	0	0
180	SLU 37	-0.03	-0.27	13.85	0	0	0
180	SLU 38	-0.03	-0.26	13.86	0	0	0
180	SLU 39	-0.02	-0.27	14.06	0	0	0
180	SLU 40	-0.02	-0.26	14.07	0	0	0
180	SLU 41	-0.03	-0.27	14.23	0	0	0
180	SLU 42	-0.02	-0.26	14.24	0	0	0
180	SLU 43	-0.04	-0.31	14.03	0	0	0
180	SLU 44	-0.03	-0.3	14.05	0	0	0
180	SLU 45	-0.04	-0.32	14.28	0	0	0
180	SLU 46	-0.03	-0.31	14.29	0	0	0
180	SLU 47	-0.03	-0.3	14.21	0	0	0
180	SLU 48	-0.04	-0.32	14.45	0	0	0
180	SLU 49	-0.03	-0.31	14.46	0	0	0
180	SLU 50	-0.04	-0.32	14.36	0	0	0
180	SLU 51	-0.03	-0.31	14.38	0	0	0
180	SLU 52	-0.03	-0.31	15.33	0	0	0
180	SLU 53	-0.03	-0.33	15.57	0	0	0
180	SLU 54	-0.03	-0.32	15.58	0	0	0
180	SLU 55	-0.03	-0.31	15.5	0	0	0
180	SLU 56	-0.03	-0.33	15.74	0	0	0
180	SLU 57	-0.03	-0.32	15.75	0	0	0
180	SLU 58	-0.03	-0.33	15.65	0	0	0
180	SLU 59	-0.03	-0.32	15.66	0	0	0
180	SLU 60	-0.03	-0.33	15.87	0	0	0
180	SLU 61	-0.03	-0.32	15.88	0	0	0
180	SLU 62	-0.03	-0.34	16.04	0	0	0
180	SLU 63	-0.03	-0.33	16.05	0	0	0
180	SLU 64	-0.04	-0.32	15.16	0	0	0
180	SLU 65	-0.03	-0.3	15.18	0	0	0
180	SLU 66	-0.04	-0.32	15.41	0	0	0
180	SLU 67	-0.04	-0.31	15.43	0	0	0
180	SLU 68	-0.03	-0.3	15.35	0	0	0
180	SLU 69	-0.04	-0.32	15.58	0	0	0
180	SLU 70	-0.04	-0.31	15.59	0	0	0
180	SLU 71	-0.04	-0.32	15.5	0	0	0
180	SLU 72	-0.04	-0.31	15.51	0	0	0
180	SLU 73	-0.03	-0.31	16.47	0	0	0
180	SLU 74	-0.03	-0.33	16.7	0	0	0
180	SLU 75	-0.03	-0.32	16.71	0	0	0
180	SLU 76	-0.03	-0.32	16.63	0	0	0
180	SLU 77	-0.04	-0.34	16.87	0	0	0
180	SLU 78	-0.03	-0.33	16.88	0	0	0
180	SLU 79	-0.04	-0.34	16.78	0	0	0
180	SLU 80	-0.03	-0.33	16.8	0	0	0
180	SLU 81	-0.03	-0.34	17	0	0	0
180	SLU 82	-0.03	-0.33	17.01	0	0	0
180	SLU 83	-0.03	-0.34	17.17	0	0	0
180	SLU 84	-0.03	-0.33	17.18	0	0	0
180	SLE RA 1	-0.03	-0.24	11.41	0	0	0
180	SLE RA 2	-0.03	-0.23	11.43	0	0	0
180	SLE RA 3	-0.03	-0.24	11.58	0	0	0
180	SLE RA 4	-0.03	-0.24	11.59	0	0	0
180	SLE RA 5	-0.03	-0.23	11.54	0	0	0
180	SLE RA 6	-0.03	-0.25	11.69	0	0	0
180	SLE RA 7	-0.03	-0.24	11.7	0	0	0
180	SLE RA 8	-0.03	-0.25	11.64	0	0	0
180	SLE RA 9	-0.03	-0.24	11.65	0	0	0
180	SLE RA 10	-0.02	-0.24	12.28	0	0	0
180	SLE RA 11	-0.03	-0.25	12.44	0	0	0
180	SLE RA 12	-0.02	-0.25	12.45	0	0	0
180	SLE RA 13	-0.02	-0.24	12.4	0	0	0
180	SLE RA 14	-0.03	-0.26	12.55	0	0	0
180	SLE RA 15	-0.03	-0.25	12.56	0	0	0
180	SLE RA 16	-0.03	-0.26	12.5	0	0	0
180	SLE RA 17	-0.03	-0.25	12.5	0	0	0
180	SLE RA 18	-0.02	-0.26	12.64	0	0	0
180	SLE RA 19	-0.02	-0.25	12.65	0	0	0
180	SLE RA 20	-0.03	-0.26	12.75	0	0	0
180	SLE RA 21	-0.02	-0.25	12.76	0	0	0
180	SLE FR 1	-0.03	-0.24	11.41	0	0	0
180	SLE FR 2	-0.03	-0.24	11.42	0	0	0
180	SLE FR 3	-0.03	-0.24	11.46	0	0	0
180	SLE FR 4	-0.03	-0.24	11.78	0	0	0
180	SLE FR 5	-0.03	-0.25	11.83	0	0	0
180	SLE FR 6	-0.03	-0.25	12.03	0	0	0
180	SLE QP 1	-0.03	-0.24	11.41	0	0	0
180	SLE QP 2	-0.03	-0.25	11.78	0	0	0
180	SLD 1	0.91	-0.23	12.6	0	0	0
180	SLD 2	1.01	-0.27	12.54	0	0	0
180	SLD 3	0.92	-0.47	12.22	0	0	0
180	SLD 4	1.02	-0.51	12.16	0	0	0
180	SLD 5	0.22	0.14	12.62	0	0	0
180	SLD 6	0.29	0.11	12.58	0	0	0
180	SLD 7	0.25	-0.68	11.34	0	0	0
180	SLD 8	0.32	-0.71	11.3	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
180	SLD 9	-0.38	0.21	12.26	0	0	0
180	SLD 10	-0.31	0.19	12.23	0	0	0
180	SLD 11	-0.34	-0.6	10.98	0	0	0
180	SLD 12	-0.28	-0.63	10.94	0	0	0
180	SLD 13	-1.08	0.02	11.4	0	0	0
180	SLD 14	-0.98	-0.02	11.35	0	0	0
180	SLD 15	-1.07	-0.22	11.02	0	0	0
180	SLD 16	-0.97	-0.27	10.96	0	0	0
180	SLV 1	2.17	-0.21	13.69	0	0	0
180	SLV 2	2.41	-0.31	13.55	0	0	0
180	SLV 3	2.19	-0.76	12.82	0	0	0
180	SLV 4	2.43	-0.86	12.68	0	0	0
180	SLV 5	0.56	0.63	13.7	0	0	0
180	SLV 6	0.71	0.56	13.61	0	0	0
180	SLV 7	0.63	-1.23	10.79	0	0	0
180	SLV 8	0.78	-1.29	10.71	0	0	0
180	SLV 9	-0.84	0.8	12.86	0	0	0
180	SLV 10	-0.69	0.74	12.77	0	0	0
180	SLV 11	-0.77	-1.06	9.95	0	0	0
180	SLV 12	-0.61	-1.12	9.86	0	0	0
180	SLV 13	-2.48	0.37	10.88	0	0	0
180	SLV 14	-2.25	0.27	10.75	0	0	0
180	SLV 15	-2.46	-0.19	10.01	0	0	0
180	SLV 16	-2.22	-0.29	9.88	0	0	0
181	SLU 1	-0.03	-0.22	11.35	0	0	0
181	SLU 2	-0.02	-0.21	11.37	0	0	0
181	SLU 3	-0.03	-0.22	11.61	0	0	0
181	SLU 4	-0.03	-0.21	11.62	0	0	0
181	SLU 5	-0.02	-0.21	11.54	0	0	0
181	SLU 6	-0.03	-0.23	11.78	0	0	0
181	SLU 7	-0.03	-0.22	11.79	0	0	0
181	SLU 8	-0.03	-0.23	11.69	0	0	0
181	SLU 9	-0.03	-0.22	11.71	0	0	0
181	SLU 10	-0.02	-0.22	12.69	0	0	0
181	SLU 11	-0.02	-0.24	12.93	0	0	0
181	SLU 12	-0.02	-0.23	12.94	0	0	0
181	SLU 13	-0.02	-0.22	12.86	0	0	0
181	SLU 14	-0.03	-0.24	13.1	0	0	0
181	SLU 15	-0.02	-0.23	13.11	0	0	0
181	SLU 16	-0.03	-0.24	13.02	0	0	0
181	SLU 17	-0.02	-0.23	13.03	0	0	0
181	SLU 18	-0.02	-0.24	13.24	0	0	0
181	SLU 19	-0.02	-0.23	13.25	0	0	0
181	SLU 20	-0.02	-0.24	13.41	0	0	0
181	SLU 21	-0.02	-0.23	13.42	0	0	0
181	SLU 22	-0.03	-0.22	12.51	0	0	0
181	SLU 23	-0.03	-0.21	12.53	0	0	0
181	SLU 24	-0.03	-0.22	12.77	0	0	0
181	SLU 25	-0.03	-0.22	12.78	0	0	0
181	SLU 26	-0.03	-0.21	12.7	0	0	0
181	SLU 27	-0.03	-0.23	12.94	0	0	0
181	SLU 28	-0.03	-0.22	12.95	0	0	0
181	SLU 29	-0.03	-0.23	12.85	0	0	0
181	SLU 30	-0.03	-0.22	12.86	0	0	0
181	SLU 31	-0.02	-0.22	13.85	0	0	0
181	SLU 32	-0.03	-0.24	14.09	0	0	0
181	SLU 33	-0.02	-0.23	14.1	0	0	0
181	SLU 34	-0.02	-0.22	14.02	0	0	0
181	SLU 35	-0.03	-0.24	14.26	0	0	0
181	SLU 36	-0.03	-0.23	14.27	0	0	0
181	SLU 37	-0.03	-0.24	14.17	0	0	0
181	SLU 38	-0.03	-0.23	14.18	0	0	0
181	SLU 39	-0.02	-0.24	14.39	0	0	0
181	SLU 40	-0.02	-0.23	14.41	0	0	0
181	SLU 41	-0.03	-0.24	14.57	0	0	0
181	SLU 42	-0.02	-0.23	14.58	0	0	0
181	SLU 43	-0.04	-0.29	14.36	0	0	0
181	SLU 44	-0.03	-0.27	14.38	0	0	0
181	SLU 45	-0.04	-0.29	14.62	0	0	0
181	SLU 46	-0.03	-0.28	14.63	0	0	0
181	SLU 47	-0.03	-0.28	14.55	0	0	0
181	SLU 48	-0.04	-0.29	14.79	0	0	0
181	SLU 49	-0.03	-0.28	14.8	0	0	0
181	SLU 50	-0.04	-0.29	14.7	0	0	0
181	SLU 51	-0.03	-0.28	14.71	0	0	0
181	SLU 52	-0.03	-0.28	15.7	0	0	0
181	SLU 53	-0.03	-0.3	15.94	0	0	0
181	SLU 54	-0.03	-0.29	15.95	0	0	0
181	SLU 55	-0.03	-0.29	15.87	0	0	0
181	SLU 56	-0.03	-0.3	16.11	0	0	0
181	SLU 57	-0.03	-0.3	16.12	0	0	0
181	SLU 58	-0.03	-0.3	16.02	0	0	0
181	SLU 59	-0.03	-0.3	16.04	0	0	0
181	SLU 60	-0.03	-0.3	16.25	0	0	0
181	SLU 61	-0.03	-0.29	16.26	0	0	0
181	SLU 62	-0.03	-0.31	16.42	0	0	0
181	SLU 63	-0.03	-0.3	16.43	0	0	0
181	SLU 64	-0.04	-0.29	15.51	0	0	0
181	SLU 65	-0.03	-0.27	15.53	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
181	SLU 66	-0.04	-0.29	15.77	0	0	0
181	SLU 67	-0.04	-0.28	15.79	0	0	0
181	SLU 68	-0.04	-0.28	15.71	0	0	0
181	SLU 69	-0.04	-0.29	15.95	0	0	0
181	SLU 70	-0.04	-0.29	15.96	0	0	0
181	SLU 71	-0.04	-0.29	15.86	0	0	0
181	SLU 72	-0.04	-0.29	15.87	0	0	0
181	SLU 73	-0.03	-0.28	16.86	0	0	0
181	SLU 74	-0.03	-0.3	17.1	0	0	0
181	SLU 75	-0.03	-0.29	17.11	0	0	0
181	SLU 76	-0.03	-0.29	17.03	0	0	0
181	SLU 77	-0.04	-0.31	17.27	0	0	0
181	SLU 78	-0.03	-0.3	17.28	0	0	0
181	SLU 79	-0.04	-0.31	17.18	0	0	0
181	SLU 80	-0.03	-0.3	17.19	0	0	0
181	SLU 81	-0.03	-0.3	17.4	0	0	0
181	SLU 82	-0.03	-0.3	17.41	0	0	0
181	SLU 83	-0.03	-0.31	17.57	0	0	0
181	SLU 84	-0.03	-0.3	17.59	0	0	0
181	SLE RA 1	-0.03	-0.22	11.68	0	0	0
181	SLE RA 2	-0.03	-0.21	11.69	0	0	0
181	SLE RA 3	-0.03	-0.22	11.85	0	0	0
181	SLE RA 4	-0.03	-0.22	11.86	0	0	0
181	SLE RA 5	-0.03	-0.21	11.81	0	0	0
181	SLE RA 6	-0.03	-0.23	11.97	0	0	0
181	SLE RA 7	-0.03	-0.22	11.98	0	0	0
181	SLE RA 8	-0.03	-0.23	11.91	0	0	0
181	SLE RA 9	-0.03	-0.22	11.92	0	0	0
181	SLE RA 10	-0.02	-0.22	12.57	0	0	0
181	SLE RA 11	-0.03	-0.23	12.73	0	0	0
181	SLE RA 12	-0.02	-0.22	12.74	0	0	0
181	SLE RA 13	-0.02	-0.22	12.69	0	0	0
181	SLE RA 14	-0.03	-0.23	12.85	0	0	0
181	SLE RA 15	-0.03	-0.23	12.86	0	0	0
181	SLE RA 16	-0.03	-0.23	12.79	0	0	0
181	SLE RA 17	-0.03	-0.23	12.8	0	0	0
181	SLE RA 18	-0.03	-0.23	12.94	0	0	0
181	SLE RA 19	-0.02	-0.23	12.95	0	0	0
181	SLE RA 20	-0.03	-0.23	13.05	0	0	0
181	SLE RA 21	-0.02	-0.23	13.06	0	0	0
181	SLE FR 1	-0.03	-0.22	11.68	0	0	0
181	SLE FR 2	-0.03	-0.22	11.68	0	0	0
181	SLE FR 3	-0.03	-0.22	11.73	0	0	0
181	SLE FR 4	-0.03	-0.22	12.06	0	0	0
181	SLE FR 5	-0.03	-0.23	12.1	0	0	0
181	SLE FR 6	-0.03	-0.23	12.31	0	0	0
181	SLE QP 1	-0.03	-0.22	11.68	0	0	0
181	SLE QP 2	-0.03	-0.22	12.06	0	0	0
181	SLD 1	0.94	-0.19	12.79	0	0	0
181	SLD 2	1.05	-0.23	12.73	0	0	0
181	SLD 3	0.95	-0.44	12.4	0	0	0
181	SLD 4	1.06	-0.48	12.34	0	0	0
181	SLD 5	0.23	0.18	12.88	0	0	0
181	SLD 6	0.3	0.16	12.85	0	0	0
181	SLD 7	0.26	-0.67	11.57	0	0	0
181	SLD 8	0.33	-0.7	11.54	0	0	0
181	SLD 9	-0.39	0.25	12.58	0	0	0
181	SLD 10	-0.32	0.22	12.54	0	0	0
181	SLD 11	-0.36	-0.61	11.27	0	0	0
181	SLD 12	-0.29	-0.63	11.23	0	0	0
181	SLD 13	-1.11	0.03	11.77	0	0	0
181	SLD 14	-1.01	-0.01	11.72	0	0	0
181	SLD 15	-1.1	-0.22	11.38	0	0	0
181	SLD 16	-1	-0.26	11.33	0	0	0
181	SLV 1	2.25	-0.14	13.75	0	0	0
181	SLV 2	2.49	-0.24	13.63	0	0	0
181	SLV 3	2.27	-0.72	12.87	0	0	0
181	SLV 4	2.51	-0.82	12.74	0	0	0
181	SLV 5	0.58	0.7	13.94	0	0	0
181	SLV 6	0.74	0.63	13.85	0	0	0
181	SLV 7	0.65	-1.24	10.97	0	0	0
181	SLV 8	0.81	-1.3	10.89	0	0	0
181	SLV 9	-0.87	0.85	13.22	0	0	0
181	SLV 10	-0.71	0.79	13.14	0	0	0
181	SLV 11	-0.79	-1.08	10.26	0	0	0
181	SLV 12	-0.63	-1.14	10.18	0	0	0
181	SLV 13	-2.57	0.37	11.38	0	0	0
181	SLV 14	-2.32	0.27	11.25	0	0	0
181	SLV 15	-2.55	-0.21	10.49	0	0	0
181	SLV 16	-2.3	-0.31	10.36	0	0	0
182	SLU 1	-0.03	-0.2	11.47	0	0	0
182	SLU 2	-0.02	-0.18	11.5	0	0	0
182	SLU 3	-0.03	-0.2	11.74	0	0	0
182	SLU 4	-0.03	-0.19	11.75	0	0	0
182	SLU 5	-0.02	-0.19	11.67	0	0	0
182	SLU 6	-0.03	-0.2	11.91	0	0	0
182	SLU 7	-0.03	-0.19	11.92	0	0	0
182	SLU 8	-0.03	-0.2	11.82	0	0	0
182	SLU 9	-0.03	-0.19	11.84	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
182	SLU 10	-0.02	-0.19	12.84	0	0	0
182	SLU 11	-0.02	-0.21	13.08	0	0	0
182	SLU 12	-0.02	-0.2	13.09	0	0	0
182	SLU 13	-0.02	-0.19	13.01	0	0	0
182	SLU 14	-0.02	-0.21	13.25	0	0	0
182	SLU 15	-0.02	-0.2	13.27	0	0	0
182	SLU 16	-0.02	-0.21	13.16	0	0	0
182	SLU 17	-0.02	-0.2	13.18	0	0	0
182	SLU 18	-0.02	-0.21	13.39	0	0	0
182	SLU 19	-0.02	-0.2	13.4	0	0	0
182	SLU 20	-0.02	-0.21	13.57	0	0	0
182	SLU 21	-0.02	-0.2	13.58	0	0	0
182	SLU 22	-0.03	-0.19	12.64	0	0	0
182	SLU 23	-0.03	-0.18	12.66	0	0	0
182	SLU 24	-0.03	-0.2	12.9	0	0	0
182	SLU 25	-0.03	-0.19	12.92	0	0	0
182	SLU 26	-0.03	-0.18	12.84	0	0	0
182	SLU 27	-0.03	-0.2	13.08	0	0	0
182	SLU 28	-0.03	-0.19	13.09	0	0	0
182	SLU 29	-0.03	-0.2	12.99	0	0	0
182	SLU 30	-0.03	-0.19	13	0	0	0
182	SLU 31	-0.02	-0.19	14.01	0	0	0
182	SLU 32	-0.03	-0.2	14.25	0	0	0
182	SLU 33	-0.02	-0.2	14.26	0	0	0
182	SLU 34	-0.02	-0.19	14.18	0	0	0
182	SLU 35	-0.03	-0.21	14.42	0	0	0
182	SLU 36	-0.02	-0.2	14.43	0	0	0
182	SLU 37	-0.03	-0.21	14.33	0	0	0
182	SLU 38	-0.02	-0.2	14.35	0	0	0
182	SLU 39	-0.02	-0.21	14.56	0	0	0
182	SLU 40	-0.02	-0.2	14.57	0	0	0
182	SLU 41	-0.02	-0.21	14.73	0	0	0
182	SLU 42	-0.02	-0.2	14.75	0	0	0
182	SLU 43	-0.04	-0.26	14.52	0	0	0
182	SLU 44	-0.03	-0.24	14.54	0	0	0
182	SLU 45	-0.04	-0.26	14.78	0	0	0
182	SLU 46	-0.03	-0.25	14.79	0	0	0
182	SLU 47	-0.03	-0.25	14.71	0	0	0
182	SLU 48	-0.04	-0.26	14.95	0	0	0
182	SLU 49	-0.03	-0.25	14.97	0	0	0
182	SLU 50	-0.04	-0.26	14.86	0	0	0
182	SLU 51	-0.03	-0.25	14.88	0	0	0
182	SLU 52	-0.03	-0.25	15.88	0	0	0
182	SLU 53	-0.03	-0.27	16.12	0	0	0
182	SLU 54	-0.03	-0.26	16.13	0	0	0
182	SLU 55	-0.03	-0.25	16.05	0	0	0
182	SLU 56	-0.03	-0.27	16.29	0	0	0
182	SLU 57	-0.03	-0.26	16.31	0	0	0
182	SLU 58	-0.03	-0.27	16.21	0	0	0
182	SLU 59	-0.03	-0.26	16.22	0	0	0
182	SLU 60	-0.03	-0.27	16.43	0	0	0
182	SLU 61	-0.03	-0.26	16.45	0	0	0
182	SLU 62	-0.03	-0.27	16.61	0	0	0
182	SLU 63	-0.03	-0.26	16.62	0	0	0
182	SLU 64	-0.04	-0.25	15.68	0	0	0
182	SLU 65	-0.03	-0.24	15.71	0	0	0
182	SLU 66	-0.04	-0.26	15.95	0	0	0
182	SLU 67	-0.04	-0.25	15.96	0	0	0
182	SLU 68	-0.03	-0.24	15.88	0	0	0
182	SLU 69	-0.04	-0.26	16.12	0	0	0
182	SLU 70	-0.04	-0.25	16.13	0	0	0
182	SLU 71	-0.04	-0.26	16.03	0	0	0
182	SLU 72	-0.04	-0.25	16.05	0	0	0
182	SLU 73	-0.03	-0.25	17.05	0	0	0
182	SLU 74	-0.03	-0.26	17.29	0	0	0
182	SLU 75	-0.03	-0.26	17.3	0	0	0
182	SLU 76	-0.03	-0.25	17.22	0	0	0
182	SLU 77	-0.03	-0.27	17.46	0	0	0
182	SLU 78	-0.03	-0.26	17.48	0	0	0
182	SLU 79	-0.03	-0.27	17.37	0	0	0
182	SLU 80	-0.03	-0.26	17.39	0	0	0
182	SLU 81	-0.03	-0.27	17.6	0	0	0
182	SLU 82	-0.03	-0.26	17.61	0	0	0
182	SLU 83	-0.03	-0.27	17.78	0	0	0
182	SLU 84	-0.03	-0.26	17.79	0	0	0
182	SLE RA 1	-0.03	-0.2	11.81	0	0	0
182	SLE RA 2	-0.03	-0.19	11.82	0	0	0
182	SLE RA 3	-0.03	-0.2	11.98	0	0	0
182	SLE RA 4	-0.03	-0.19	11.99	0	0	0
182	SLE RA 5	-0.03	-0.19	11.94	0	0	0
182	SLE RA 6	-0.03	-0.2	12.1	0	0	0
182	SLE RA 7	-0.03	-0.19	12.11	0	0	0
182	SLE RA 8	-0.03	-0.2	12.04	0	0	0
182	SLE RA 9	-0.03	-0.19	12.05	0	0	0
182	SLE RA 10	-0.02	-0.19	12.72	0	0	0
182	SLE RA 11	-0.03	-0.2	12.88	0	0	0
182	SLE RA 12	-0.02	-0.2	12.89	0	0	0
182	SLE RA 13	-0.02	-0.19	12.83	0	0	0
182	SLE RA 14	-0.03	-0.21	12.99	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
182	SLE RA 15	-0.02	-0.2	13	0	0	0
182	SLE RA 16	-0.03	-0.21	12.93	0	0	0
182	SLE RA 17	-0.02	-0.2	12.94	0	0	0
182	SLE RA 18	-0.02	-0.2	13.09	0	0	0
182	SLE RA 19	-0.02	-0.2	13.09	0	0	0
182	SLE RA 20	-0.02	-0.21	13.2	0	0	0
182	SLE RA 21	-0.02	-0.2	13.21	0	0	0
182	SLE FR 1	-0.03	-0.2	11.81	0	0	0
182	SLE FR 2	-0.03	-0.19	11.81	0	0	0
182	SLE FR 3	-0.03	-0.2	11.85	0	0	0
182	SLE FR 4	-0.03	-0.2	12.19	0	0	0
182	SLE FR 5	-0.03	-0.2	12.24	0	0	0
182	SLE FR 6	-0.03	-0.2	12.45	0	0	0
182	SLE QP 1	-0.03	-0.2	11.81	0	0	0
182	SLE QP 2	-0.03	-0.2	12.19	0	0	0
182	SLD 1	0.96	-0.14	12.82	0	0	0
182	SLD 2	1.07	-0.18	12.77	0	0	0
182	SLD 3	0.97	-0.4	12.42	0	0	0
182	SLD 4	1.08	-0.44	12.37	0	0	0
182	SLD 5	0.24	0.22	12.99	0	0	0
182	SLD 6	0.31	0.2	12.96	0	0	0
182	SLD 7	0.27	-0.65	11.67	0	0	0
182	SLD 8	0.34	-0.68	11.64	0	0	0
182	SLD 9	-0.39	0.28	12.75	0	0	0
182	SLD 10	-0.32	0.25	12.71	0	0	0
182	SLD 11	-0.36	-0.6	11.43	0	0	0
182	SLD 12	-0.29	-0.62	11.39	0	0	0
182	SLD 13	-1.13	0.04	12.01	0	0	0
182	SLD 14	-1.03	0.01	11.96	0	0	0
182	SLD 15	-1.12	-0.22	11.61	0	0	0
182	SLD 16	-1.02	-0.25	11.56	0	0	0
182	SLV 1	2.29	-0.08	13.65	0	0	0
182	SLV 2	2.54	-0.16	13.53	0	0	0
182	SLV 3	2.31	-0.67	12.75	0	0	0
182	SLV 4	2.56	-0.76	12.63	0	0	0
182	SLV 5	0.59	0.76	14.01	0	0	0
182	SLV 6	0.75	0.7	13.93	0	0	0
182	SLV 7	0.67	-1.23	11.02	0	0	0
182	SLV 8	0.83	-1.28	10.94	0	0	0
182	SLV 9	-0.88	0.89	13.44	0	0	0
182	SLV 10	-0.72	0.83	13.36	0	0	0
182	SLV 11	-0.81	-1.1	10.45	0	0	0
182	SLV 12	-0.64	-1.15	10.37	0	0	0
182	SLV 13	-2.62	0.36	11.75	0	0	0
182	SLV 14	-2.37	0.27	11.63	0	0	0
182	SLV 15	-2.59	-0.23	10.86	0	0	0
182	SLV 16	-2.34	-0.32	10.73	0	0	0
183	SLU 1	-0.03	-0.17	11.52	0	0	0
183	SLU 2	-0.02	-0.16	11.54	0	0	0
183	SLU 3	-0.03	-0.17	11.78	0	0	0
183	SLU 4	-0.03	-0.16	11.8	0	0	0
183	SLU 5	-0.02	-0.16	11.72	0	0	0
183	SLU 6	-0.03	-0.17	11.96	0	0	0
183	SLU 7	-0.03	-0.17	11.97	0	0	0
183	SLU 8	-0.03	-0.17	11.87	0	0	0
183	SLU 9	-0.03	-0.17	11.88	0	0	0
183	SLU 10	-0.02	-0.16	12.9	0	0	0
183	SLU 11	-0.02	-0.18	13.14	0	0	0
183	SLU 12	-0.02	-0.17	13.15	0	0	0
183	SLU 13	-0.02	-0.16	13.07	0	0	0
183	SLU 14	-0.02	-0.18	13.31	0	0	0
183	SLU 15	-0.02	-0.17	13.33	0	0	0
183	SLU 16	-0.02	-0.18	13.22	0	0	0
183	SLU 17	-0.02	-0.17	13.24	0	0	0
183	SLU 18	-0.02	-0.18	13.45	0	0	0
183	SLU 19	-0.02	-0.17	13.47	0	0	0
183	SLU 20	-0.02	-0.18	13.63	0	0	0
183	SLU 21	-0.02	-0.17	13.64	0	0	0
183	SLU 22	-0.03	-0.16	12.69	0	0	0
183	SLU 23	-0.03	-0.15	12.71	0	0	0
183	SLU 24	-0.03	-0.16	12.95	0	0	0
183	SLU 25	-0.03	-0.16	12.97	0	0	0
183	SLU 26	-0.03	-0.15	12.89	0	0	0
183	SLU 27	-0.03	-0.17	13.13	0	0	0
183	SLU 28	-0.03	-0.16	13.14	0	0	0
183	SLU 29	-0.03	-0.17	13.04	0	0	0
183	SLU 30	-0.03	-0.16	13.05	0	0	0
183	SLU 31	-0.02	-0.16	14.07	0	0	0
183	SLU 32	-0.03	-0.17	14.31	0	0	0
183	SLU 33	-0.02	-0.16	14.32	0	0	0
183	SLU 34	-0.02	-0.16	14.24	0	0	0
183	SLU 35	-0.03	-0.17	14.48	0	0	0
183	SLU 36	-0.02	-0.16	14.5	0	0	0
183	SLU 37	-0.03	-0.17	14.39	0	0	0
183	SLU 38	-0.02	-0.17	14.41	0	0	0
183	SLU 39	-0.02	-0.17	14.62	0	0	0
183	SLU 40	-0.02	-0.16	14.64	0	0	0
183	SLU 41	-0.02	-0.17	14.8	0	0	0
183	SLU 42	-0.02	-0.17	14.81	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
183	SLU 43	-0.03	-0.22	14.57	0	0	0
183	SLU 44	-0.03	-0.21	14.59	0	0	0
183	SLU 45	-0.04	-0.22	14.83	0	0	0
183	SLU 46	-0.03	-0.22	14.85	0	0	0
183	SLU 47	-0.03	-0.21	14.77	0	0	0
183	SLU 48	-0.04	-0.23	15.01	0	0	0
183	SLU 49	-0.03	-0.22	15.02	0	0	0
183	SLU 50	-0.04	-0.23	14.92	0	0	0
183	SLU 51	-0.03	-0.22	14.94	0	0	0
183	SLU 52	-0.03	-0.21	15.95	0	0	0
183	SLU 53	-0.03	-0.23	16.19	0	0	0
183	SLU 54	-0.03	-0.22	16.2	0	0	0
183	SLU 55	-0.03	-0.22	16.12	0	0	0
183	SLU 56	-0.03	-0.23	16.36	0	0	0
183	SLU 57	-0.03	-0.22	16.38	0	0	0
183	SLU 58	-0.03	-0.23	16.27	0	0	0
183	SLU 59	-0.03	-0.23	16.29	0	0	0
183	SLU 60	-0.03	-0.23	16.5	0	0	0
183	SLU 61	-0.03	-0.22	16.52	0	0	0
183	SLU 62	-0.03	-0.23	16.68	0	0	0
183	SLU 63	-0.03	-0.22	16.69	0	0	0
183	SLU 64	-0.04	-0.22	15.74	0	0	0
183	SLU 65	-0.03	-0.2	15.77	0	0	0
183	SLU 66	-0.04	-0.22	16.01	0	0	0
183	SLU 67	-0.03	-0.21	16.02	0	0	0
183	SLU 68	-0.03	-0.21	15.94	0	0	0
183	SLU 69	-0.04	-0.22	16.18	0	0	0
183	SLU 70	-0.04	-0.21	16.2	0	0	0
183	SLU 71	-0.04	-0.22	16.09	0	0	0
183	SLU 72	-0.04	-0.21	16.11	0	0	0
183	SLU 73	-0.03	-0.21	17.12	0	0	0
183	SLU 74	-0.03	-0.22	17.36	0	0	0
183	SLU 75	-0.03	-0.21	17.38	0	0	0
183	SLU 76	-0.03	-0.21	17.3	0	0	0
183	SLU 77	-0.03	-0.23	17.54	0	0	0
183	SLU 78	-0.03	-0.22	17.55	0	0	0
183	SLU 79	-0.03	-0.23	17.45	0	0	0
183	SLU 80	-0.03	-0.22	17.46	0	0	0
183	SLU 81	-0.03	-0.22	17.68	0	0	0
183	SLU 82	-0.03	-0.22	17.69	0	0	0
183	SLU 83	-0.03	-0.23	17.85	0	0	0
183	SLU 84	-0.03	-0.22	17.87	0	0	0
183	SLE RA 1	-0.03	-0.17	11.85	0	0	0
183	SLE RA 2	-0.03	-0.16	11.87	0	0	0
183	SLE RA 3	-0.03	-0.17	12.03	0	0	0
183	SLE RA 4	-0.03	-0.16	12.04	0	0	0
183	SLE RA 5	-0.03	-0.16	11.98	0	0	0
183	SLE RA 6	-0.03	-0.17	12.14	0	0	0
183	SLE RA 7	-0.03	-0.16	12.15	0	0	0
183	SLE RA 8	-0.03	-0.17	12.09	0	0	0
183	SLE RA 9	-0.03	-0.17	12.1	0	0	0
183	SLE RA 10	-0.02	-0.16	12.77	0	0	0
183	SLE RA 11	-0.03	-0.17	12.93	0	0	0
183	SLE RA 12	-0.02	-0.17	12.94	0	0	0
183	SLE RA 13	-0.02	-0.16	12.89	0	0	0
183	SLE RA 14	-0.03	-0.17	13.05	0	0	0
183	SLE RA 15	-0.02	-0.17	13.06	0	0	0
183	SLE RA 16	-0.03	-0.17	12.99	0	0	0
183	SLE RA 17	-0.02	-0.17	13	0	0	0
183	SLE RA 18	-0.02	-0.17	13.14	0	0	0
183	SLE RA 19	-0.02	-0.17	13.15	0	0	0
183	SLE RA 20	-0.02	-0.17	13.26	0	0	0
183	SLE RA 21	-0.02	-0.17	13.27	0	0	0
183	SLE FR 1	-0.03	-0.17	11.85	0	0	0
183	SLE FR 2	-0.03	-0.17	11.85	0	0	0
183	SLE FR 3	-0.03	-0.17	11.9	0	0	0
183	SLE FR 4	-0.03	-0.17	12.24	0	0	0
183	SLE FR 5	-0.03	-0.17	12.28	0	0	0
183	SLE FR 6	-0.03	-0.17	12.5	0	0	0
183	SLE QP 1	-0.03	-0.17	11.85	0	0	0
183	SLE QP 2	-0.03	-0.17	12.24	0	0	0
183	SLD 1	0.97	-0.09	12.76	0	0	0
183	SLD 2	1.08	-0.13	12.71	0	0	0
183	SLD 3	0.98	-0.36	12.36	0	0	0
183	SLD 4	1.09	-0.39	12.31	0	0	0
183	SLD 5	0.24	0.26	13	0	0	0
183	SLD 6	0.31	0.24	12.97	0	0	0
183	SLD 7	0.27	-0.62	11.68	0	0	0
183	SLD 8	0.34	-0.65	11.65	0	0	0
183	SLD 9	-0.39	0.31	12.83	0	0	0
183	SLD 10	-0.32	0.29	12.79	0	0	0
183	SLD 11	-0.36	-0.58	11.5	0	0	0
183	SLD 12	-0.29	-0.6	11.47	0	0	0
183	SLD 13	-1.14	0.06	12.16	0	0	0
183	SLD 14	-1.03	0.02	12.11	0	0	0
183	SLD 15	-1.13	-0.21	11.77	0	0	0
183	SLD 16	-1.02	-0.24	11.72	0	0	0
183	SLV 1	2.3	0	13.44	0	0	0
183	SLV 2	2.55	-0.08	13.33	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
183	SLV 3	2.33	-0.61	12.54	0	0	0
183	SLV 4	2.58	-0.68	12.43	0	0	0
183	SLV 5	0.59	0.81	13.98	0	0	0
183	SLV 6	0.76	0.76	13.91	0	0	0
183	SLV 7	0.67	-1.2	10.99	0	0	0
183	SLV 8	0.83	-1.25	10.91	0	0	0
183	SLV 9	-0.89	0.91	13.56	0	0	0
183	SLV 10	-0.72	0.86	13.49	0	0	0
183	SLV 11	-0.81	-1.1	10.57	0	0	0
183	SLV 12	-0.65	-1.15	10.5	0	0	0
183	SLV 13	-2.63	0.35	12.05	0	0	0
183	SLV 14	-2.38	0.27	11.93	0	0	0
183	SLV 15	-2.61	-0.26	11.15	0	0	0
183	SLV 16	-2.36	-0.33	11.04	0	0	0
184	SLU 1	-0.03	-0.14	11.56	0	0	0
184	SLU 2	-0.02	-0.13	11.59	0	0	0
184	SLU 3	-0.03	-0.14	11.83	0	0	0
184	SLU 4	-0.02	-0.13	11.84	0	0	0
184	SLU 5	-0.02	-0.13	11.76	0	0	0
184	SLU 6	-0.03	-0.14	12.01	0	0	0
184	SLU 7	-0.03	-0.14	12.02	0	0	0
184	SLU 8	-0.03	-0.15	11.92	0	0	0
184	SLU 9	-0.03	-0.14	11.93	0	0	0
184	SLU 10	-0.02	-0.13	12.96	0	0	0
184	SLU 11	-0.02	-0.14	13.2	0	0	0
184	SLU 12	-0.02	-0.14	13.21	0	0	0
184	SLU 13	-0.02	-0.13	13.13	0	0	0
184	SLU 14	-0.02	-0.15	13.37	0	0	0
184	SLU 15	-0.02	-0.14	13.39	0	0	0
184	SLU 16	-0.02	-0.15	13.28	0	0	0
184	SLU 17	-0.02	-0.14	13.3	0	0	0
184	SLU 18	-0.02	-0.14	13.52	0	0	0
184	SLU 19	-0.02	-0.14	13.53	0	0	0
184	SLU 20	-0.02	-0.15	13.69	0	0	0
184	SLU 21	-0.02	-0.14	13.71	0	0	0
184	SLU 22	-0.03	-0.13	12.74	0	0	0
184	SLU 23	-0.02	-0.12	12.77	0	0	0
184	SLU 24	-0.03	-0.13	13.01	0	0	0
184	SLU 25	-0.03	-0.12	13.02	0	0	0
184	SLU 26	-0.03	-0.12	12.94	0	0	0
184	SLU 27	-0.03	-0.13	13.18	0	0	0
184	SLU 28	-0.03	-0.13	13.2	0	0	0
184	SLU 29	-0.03	-0.14	13.09	0	0	0
184	SLU 30	-0.03	-0.13	13.11	0	0	0
184	SLU 31	-0.02	-0.12	14.14	0	0	0
184	SLU 32	-0.02	-0.13	14.38	0	0	0
184	SLU 33	-0.02	-0.13	14.39	0	0	0
184	SLU 34	-0.02	-0.12	14.31	0	0	0
184	SLU 35	-0.03	-0.14	14.55	0	0	0
184	SLU 36	-0.02	-0.13	14.57	0	0	0
184	SLU 37	-0.03	-0.14	14.46	0	0	0
184	SLU 38	-0.02	-0.13	14.48	0	0	0
184	SLU 39	-0.02	-0.13	14.7	0	0	0
184	SLU 40	-0.02	-0.13	14.71	0	0	0
184	SLU 41	-0.02	-0.14	14.87	0	0	0
184	SLU 42	-0.02	-0.13	14.89	0	0	0
184	SLU 43	-0.03	-0.19	14.63	0	0	0
184	SLU 44	-0.03	-0.18	14.65	0	0	0
184	SLU 45	-0.03	-0.19	14.89	0	0	0
184	SLU 46	-0.03	-0.18	14.91	0	0	0
184	SLU 47	-0.03	-0.18	14.83	0	0	0
184	SLU 48	-0.04	-0.19	15.07	0	0	0
184	SLU 49	-0.03	-0.18	15.09	0	0	0
184	SLU 50	-0.04	-0.19	14.98	0	0	0
184	SLU 51	-0.03	-0.18	15	0	0	0
184	SLU 52	-0.03	-0.18	16.02	0	0	0
184	SLU 53	-0.03	-0.19	16.26	0	0	0
184	SLU 54	-0.03	-0.18	16.28	0	0	0
184	SLU 55	-0.03	-0.18	16.2	0	0	0
184	SLU 56	-0.03	-0.19	16.44	0	0	0
184	SLU 57	-0.03	-0.19	16.45	0	0	0
184	SLU 58	-0.03	-0.19	16.35	0	0	0
184	SLU 59	-0.03	-0.19	16.36	0	0	0
184	SLU 60	-0.03	-0.19	16.58	0	0	0
184	SLU 61	-0.03	-0.18	16.6	0	0	0
184	SLU 62	-0.03	-0.19	16.76	0	0	0
184	SLU 63	-0.03	-0.19	16.77	0	0	0
184	SLU 64	-0.04	-0.18	15.8	0	0	0
184	SLU 65	-0.03	-0.17	15.83	0	0	0
184	SLU 66	-0.04	-0.18	16.07	0	0	0
184	SLU 67	-0.03	-0.17	16.09	0	0	0
184	SLU 68	-0.03	-0.17	16.01	0	0	0
184	SLU 69	-0.04	-0.18	16.25	0	0	0
184	SLU 70	-0.03	-0.17	16.26	0	0	0
184	SLU 71	-0.04	-0.18	16.16	0	0	0
184	SLU 72	-0.03	-0.17	16.17	0	0	0
184	SLU 73	-0.03	-0.17	17.2	0	0	0
184	SLU 74	-0.03	-0.18	17.44	0	0	0
184	SLU 75	-0.03	-0.17	17.46	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
184	SLU 76	-0.03	-0.17	17.38	0	0	0
184	SLU 77	-0.03	-0.18	17.62	0	0	0
184	SLU 78	-0.03	-0.17	17.63	0	0	0
184	SLU 79	-0.03	-0.18	17.53	0	0	0
184	SLU 80	-0.03	-0.18	17.54	0	0	0
184	SLU 81	-0.03	-0.18	17.76	0	0	0
184	SLU 82	-0.03	-0.17	17.78	0	0	0
184	SLU 83	-0.03	-0.18	17.94	0	0	0
184	SLU 84	-0.03	-0.18	17.95	0	0	0
184	SLE RA 1	-0.03	-0.14	11.9	0	0	0
184	SLE RA 2	-0.02	-0.13	11.92	0	0	0
184	SLE RA 3	-0.03	-0.14	12.08	0	0	0
184	SLE RA 4	-0.03	-0.13	12.09	0	0	0
184	SLE RA 5	-0.03	-0.13	12.03	0	0	0
184	SLE RA 6	-0.03	-0.14	12.19	0	0	0
184	SLE RA 7	-0.03	-0.14	12.2	0	0	0
184	SLE RA 8	-0.03	-0.14	12.13	0	0	0
184	SLE RA 9	-0.03	-0.14	12.14	0	0	0
184	SLE RA 10	-0.02	-0.13	12.83	0	0	0
184	SLE RA 11	-0.02	-0.14	12.99	0	0	0
184	SLE RA 12	-0.02	-0.14	13	0	0	0
184	SLE RA 13	-0.02	-0.13	12.95	0	0	0
184	SLE RA 14	-0.03	-0.14	13.11	0	0	0
184	SLE RA 15	-0.02	-0.14	13.12	0	0	0
184	SLE RA 16	-0.03	-0.14	13.05	0	0	0
184	SLE RA 17	-0.02	-0.14	13.06	0	0	0
184	SLE RA 18	-0.02	-0.14	13.2	0	0	0
184	SLE RA 19	-0.02	-0.14	13.21	0	0	0
184	SLE RA 20	-0.02	-0.14	13.32	0	0	0
184	SLE RA 21	-0.02	-0.14	13.33	0	0	0
184	SLE FR 1	-0.03	-0.14	11.9	0	0	0
184	SLE FR 2	-0.03	-0.14	11.9	0	0	0
184	SLE FR 3	-0.03	-0.14	11.94	0	0	0
184	SLE FR 4	-0.03	-0.14	12.29	0	0	0
184	SLE FR 5	-0.03	-0.14	12.34	0	0	0
184	SLE FR 6	-0.03	-0.14	12.55	0	0	0
184	SLE QP 1	-0.03	-0.14	11.9	0	0	0
184	SLE QP 2	-0.03	-0.14	12.29	0	0	0
184	SLD 1	0.97	-0.05	12.7	0	0	0
184	SLD 2	1.08	-0.07	12.66	0	0	0
184	SLD 3	0.98	-0.31	12.31	0	0	0
184	SLD 4	1.09	-0.34	12.26	0	0	0
184	SLD 5	0.24	0.3	13.02	0	0	0
184	SLD 6	0.31	0.28	13	0	0	0
184	SLD 7	0.27	-0.59	11.7	0	0	0
184	SLD 8	0.34	-0.61	11.67	0	0	0
184	SLD 9	-0.39	0.33	12.91	0	0	0
184	SLD 10	-0.32	0.32	12.88	0	0	0
184	SLD 11	-0.36	-0.56	11.58	0	0	0
184	SLD 12	-0.29	-0.58	11.55	0	0	0
184	SLD 13	-1.14	0.06	12.32	0	0	0
184	SLD 14	-1.03	0.04	12.27	0	0	0
184	SLD 15	-1.13	-0.2	11.92	0	0	0
184	SLD 16	-1.02	-0.23	11.87	0	0	0
184	SLV 1	2.31	0.07	13.24	0	0	0
184	SLV 2	2.56	0	13.14	0	0	0
184	SLV 3	2.33	-0.54	12.34	0	0	0
184	SLV 4	2.58	-0.61	12.24	0	0	0
184	SLV 5	0.6	0.86	13.96	0	0	0
184	SLV 6	0.76	0.82	13.89	0	0	0
184	SLV 7	0.67	-1.17	10.96	0	0	0
184	SLV 8	0.83	-1.21	10.89	0	0	0
184	SLV 9	-0.89	0.94	13.69	0	0	0
184	SLV 10	-0.72	0.89	13.62	0	0	0
184	SLV 11	-0.81	-1.09	10.69	0	0	0
184	SLV 12	-0.65	-1.14	10.62	0	0	0
184	SLV 13	-2.63	0.33	12.34	0	0	0
184	SLV 14	-2.38	0.26	12.23	0	0	0
184	SLV 15	-2.61	-0.28	11.44	0	0	0
184	SLV 16	-2.36	-0.35	11.33	0	0	0
185	SLU 1	-0.03	-0.11	11.61	0	0	0
185	SLU 2	-0.02	-0.1	11.63	0	0	0
185	SLU 3	-0.03	-0.11	11.87	0	0	0
185	SLU 4	-0.02	-0.11	11.89	0	0	0
185	SLU 5	-0.02	-0.1	11.81	0	0	0
185	SLU 6	-0.03	-0.11	12.05	0	0	0
185	SLU 7	-0.03	-0.11	12.07	0	0	0
185	SLU 8	-0.03	-0.12	11.96	0	0	0
185	SLU 9	-0.03	-0.11	11.98	0	0	0
185	SLU 10	-0.02	-0.1	13.02	0	0	0
185	SLU 11	-0.02	-0.11	13.26	0	0	0
185	SLU 12	-0.02	-0.11	13.28	0	0	0
185	SLU 13	-0.02	-0.1	13.2	0	0	0
185	SLU 14	-0.02	-0.11	13.44	0	0	0
185	SLU 15	-0.02	-0.11	13.46	0	0	0
185	SLU 16	-0.02	-0.12	13.35	0	0	0
185	SLU 17	-0.02	-0.11	13.37	0	0	0
185	SLU 18	-0.02	-0.11	13.58	0	0	0
185	SLU 19	-0.02	-0.11	13.6	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
185	SLU 20	-0.02	-0.11	13.76	0	0	0
185	SLU 21	-0.02	-0.11	13.78	0	0	0
185	SLU 22	-0.03	-0.1	12.79	0	0	0
185	SLU 23	-0.02	-0.09	12.82	0	0	0
185	SLU 24	-0.03	-0.1	13.06	0	0	0
185	SLU 25	-0.03	-0.09	13.08	0	0	0
185	SLU 26	-0.03	-0.09	13	0	0	0
185	SLU 27	-0.03	-0.1	13.24	0	0	0
185	SLU 28	-0.03	-0.09	13.26	0	0	0
185	SLU 29	-0.03	-0.1	13.15	0	0	0
185	SLU 30	-0.03	-0.1	13.17	0	0	0
185	SLU 31	-0.02	-0.09	14.21	0	0	0
185	SLU 32	-0.02	-0.1	14.45	0	0	0
185	SLU 33	-0.02	-0.09	14.46	0	0	0
185	SLU 34	-0.02	-0.09	14.38	0	0	0
185	SLU 35	-0.03	-0.1	14.62	0	0	0
185	SLU 36	-0.02	-0.09	14.64	0	0	0
185	SLU 37	-0.03	-0.1	14.53	0	0	0
185	SLU 38	-0.02	-0.1	14.55	0	0	0
185	SLU 39	-0.02	-0.1	14.77	0	0	0
185	SLU 40	-0.02	-0.09	14.79	0	0	0
185	SLU 41	-0.02	-0.1	14.95	0	0	0
185	SLU 42	-0.02	-0.09	14.97	0	0	0
185	SLU 43	-0.03	-0.15	14.68	0	0	0
185	SLU 44	-0.03	-0.14	14.71	0	0	0
185	SLU 45	-0.03	-0.15	14.95	0	0	0
185	SLU 46	-0.03	-0.14	14.97	0	0	0
185	SLU 47	-0.03	-0.14	14.89	0	0	0
185	SLU 48	-0.03	-0.15	15.13	0	0	0
185	SLU 49	-0.03	-0.15	15.15	0	0	0
185	SLU 50	-0.04	-0.15	15.04	0	0	0
185	SLU 51	-0.03	-0.15	15.06	0	0	0
185	SLU 52	-0.03	-0.14	16.09	0	0	0
185	SLU 53	-0.03	-0.15	16.34	0	0	0
185	SLU 54	-0.03	-0.14	16.35	0	0	0
185	SLU 55	-0.03	-0.14	16.27	0	0	0
185	SLU 56	-0.03	-0.15	16.51	0	0	0
185	SLU 57	-0.03	-0.15	16.53	0	0	0
185	SLU 58	-0.03	-0.15	16.42	0	0	0
185	SLU 59	-0.03	-0.15	16.44	0	0	0
185	SLU 60	-0.03	-0.15	16.66	0	0	0
185	SLU 61	-0.03	-0.14	16.68	0	0	0
185	SLU 62	-0.03	-0.15	16.84	0	0	0
185	SLU 63	-0.03	-0.15	16.86	0	0	0
185	SLU 64	-0.04	-0.14	15.87	0	0	0
185	SLU 65	-0.03	-0.13	15.9	0	0	0
185	SLU 66	-0.04	-0.14	16.14	0	0	0
185	SLU 67	-0.03	-0.13	16.15	0	0	0
185	SLU 68	-0.03	-0.13	16.07	0	0	0
185	SLU 69	-0.04	-0.14	16.31	0	0	0
185	SLU 70	-0.03	-0.13	16.33	0	0	0
185	SLU 71	-0.04	-0.14	16.22	0	0	0
185	SLU 72	-0.03	-0.13	16.24	0	0	0
185	SLU 73	-0.03	-0.13	17.28	0	0	0
185	SLU 74	-0.03	-0.14	17.52	0	0	0
185	SLU 75	-0.03	-0.13	17.54	0	0	0
185	SLU 76	-0.03	-0.13	17.46	0	0	0
185	SLU 77	-0.03	-0.14	17.7	0	0	0
185	SLU 78	-0.03	-0.13	17.72	0	0	0
185	SLU 79	-0.03	-0.14	17.61	0	0	0
185	SLU 80	-0.03	-0.13	17.63	0	0	0
185	SLU 81	-0.03	-0.14	17.85	0	0	0
185	SLU 82	-0.03	-0.13	17.86	0	0	0
185	SLU 83	-0.03	-0.14	18.02	0	0	0
185	SLU 84	-0.03	-0.13	18.04	0	0	0
185	SLE RA 1	-0.03	-0.11	11.94	0	0	0
185	SLE RA 2	-0.02	-0.1	11.96	0	0	0
185	SLE RA 3	-0.03	-0.11	12.12	0	0	0
185	SLE RA 4	-0.03	-0.1	12.14	0	0	0
185	SLE RA 5	-0.02	-0.1	12.08	0	0	0
185	SLE RA 6	-0.03	-0.11	12.24	0	0	0
185	SLE RA 7	-0.03	-0.11	12.25	0	0	0
185	SLE RA 8	-0.03	-0.11	12.18	0	0	0
185	SLE RA 9	-0.03	-0.11	12.19	0	0	0
185	SLE RA 10	-0.02	-0.1	12.89	0	0	0
185	SLE RA 11	-0.02	-0.11	13.05	0	0	0
185	SLE RA 12	-0.02	-0.1	13.06	0	0	0
185	SLE RA 13	-0.02	-0.1	13.01	0	0	0
185	SLE RA 14	-0.03	-0.11	13.17	0	0	0
185	SLE RA 15	-0.02	-0.11	13.18	0	0	0
185	SLE RA 16	-0.03	-0.11	13.11	0	0	0
185	SLE RA 17	-0.02	-0.11	13.12	0	0	0
185	SLE RA 18	-0.02	-0.11	13.26	0	0	0
185	SLE RA 19	-0.02	-0.1	13.28	0	0	0
185	SLE RA 20	-0.02	-0.11	13.38	0	0	0
185	SLE RA 21	-0.02	-0.11	13.39	0	0	0
185	SLE FR 1	-0.03	-0.11	11.94	0	0	0
185	SLE FR 2	-0.03	-0.11	11.95	0	0	0
185	SLE FR 3	-0.03	-0.11	11.99	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
		x	y	z	x	y	z
185	SLE FR 4	-0.03	-0.11	12.34	0	0	0
185	SLE FR 5	-0.03	-0.11	12.39	0	0	0
185	SLE FR 6	-0.03	-0.11	12.6	0	0	0
185	SLE QP 1	-0.03	-0.11	11.94	0	0	0
185	SLE QP 2	-0.03	-0.11	12.34	0	0	0
185	SLD 1	0.97	0	12.66	0	0	0
185	SLD 2	1.08	-0.02	12.62	0	0	0
185	SLD 3	0.98	-0.27	12.26	0	0	0
185	SLD 4	1.09	-0.29	12.22	0	0	0
185	SLD 5	0.24	0.34	13.05	0	0	0
185	SLD 6	0.31	0.32	13.02	0	0	0
185	SLD 7	0.27	-0.56	11.72	0	0	0
185	SLD 8	0.34	-0.58	11.69	0	0	0
185	SLD 9	-0.39	0.36	12.99	0	0	0
185	SLD 10	-0.32	0.34	12.96	0	0	0
185	SLD 11	-0.36	-0.54	11.66	0	0	0
185	SLD 12	-0.29	-0.56	11.63	0	0	0
185	SLD 13	-1.14	0.07	12.46	0	0	0
185	SLD 14	-1.03	0.05	12.42	0	0	0
185	SLD 15	-1.13	-0.2	12.06	0	0	0
185	SLD 16	-1.02	-0.22	12.02	0	0	0
185	SLV 1	2.3	0.14	13.06	0	0	0
185	SLV 2	2.55	0.09	12.97	0	0	0
185	SLV 3	2.32	-0.47	12.16	0	0	0
185	SLV 4	2.57	-0.52	12.07	0	0	0
185	SLV 5	0.59	0.91	13.94	0	0	0
185	SLV 6	0.76	0.87	13.88	0	0	0
185	SLV 7	0.67	-1.14	10.93	0	0	0
185	SLV 8	0.83	-1.17	10.87	0	0	0
185	SLV 9	-0.88	0.95	13.81	0	0	0
185	SLV 10	-0.72	0.92	13.75	0	0	0
185	SLV 11	-0.81	-1.09	10.8	0	0	0
185	SLV 12	-0.65	-1.12	10.74	0	0	0
185	SLV 13	-2.62	0.31	12.61	0	0	0
185	SLV 14	-2.37	0.25	12.52	0	0	0
185	SLV 15	-2.6	-0.31	11.71	0	0	0
185	SLV 16	-2.35	-0.36	11.62	0	0	0
186	SLU 1	-0.03	-0.08	11.63	0	0	0
186	SLU 2	-0.02	-0.08	11.66	0	0	0
186	SLU 3	-0.03	-0.08	11.9	0	0	0
186	SLU 4	-0.02	-0.08	11.92	0	0	0
186	SLU 5	-0.02	-0.08	11.84	0	0	0
186	SLU 6	-0.03	-0.09	12.08	0	0	0
186	SLU 7	-0.03	-0.08	12.1	0	0	0
186	SLU 8	-0.03	-0.09	11.99	0	0	0
186	SLU 9	-0.03	-0.08	12	0	0	0
186	SLU 10	-0.02	-0.07	13.06	0	0	0
186	SLU 11	-0.02	-0.08	13.3	0	0	0
186	SLU 12	-0.02	-0.08	13.31	0	0	0
186	SLU 13	-0.02	-0.07	13.24	0	0	0
186	SLU 14	-0.02	-0.08	13.48	0	0	0
186	SLU 15	-0.02	-0.08	13.49	0	0	0
186	SLU 16	-0.02	-0.08	13.38	0	0	0
186	SLU 17	-0.02	-0.08	13.4	0	0	0
186	SLU 18	-0.02	-0.08	13.62	0	0	0
186	SLU 19	-0.02	-0.07	13.64	0	0	0
186	SLU 20	-0.02	-0.08	13.8	0	0	0
186	SLU 21	-0.02	-0.08	13.82	0	0	0
186	SLU 22	-0.03	-0.07	12.82	0	0	0
186	SLU 23	-0.02	-0.06	12.85	0	0	0
186	SLU 24	-0.03	-0.07	13.09	0	0	0
186	SLU 25	-0.03	-0.06	13.11	0	0	0
186	SLU 26	-0.03	-0.06	13.03	0	0	0
186	SLU 27	-0.03	-0.07	13.27	0	0	0
186	SLU 28	-0.03	-0.06	13.29	0	0	0
186	SLU 29	-0.03	-0.07	13.18	0	0	0
186	SLU 30	-0.03	-0.06	13.2	0	0	0
186	SLU 31	-0.02	-0.06	14.25	0	0	0
186	SLU 32	-0.03	-0.06	14.49	0	0	0
186	SLU 33	-0.02	-0.06	14.51	0	0	0
186	SLU 34	-0.02	-0.06	14.43	0	0	0
186	SLU 35	-0.03	-0.06	14.67	0	0	0
186	SLU 36	-0.02	-0.06	14.69	0	0	0
186	SLU 37	-0.03	-0.07	14.58	0	0	0
186	SLU 38	-0.02	-0.06	14.59	0	0	0
186	SLU 39	-0.02	-0.06	14.82	0	0	0
186	SLU 40	-0.02	-0.06	14.83	0	0	0
186	SLU 41	-0.02	-0.06	15	0	0	0
186	SLU 42	-0.02	-0.06	15.01	0	0	0
186	SLU 43	-0.03	-0.12	14.7	0	0	0
186	SLU 44	-0.03	-0.11	14.74	0	0	0
186	SLU 45	-0.03	-0.12	14.98	0	0	0
186	SLU 46	-0.03	-0.11	14.99	0	0	0
186	SLU 47	-0.03	-0.11	14.92	0	0	0
186	SLU 48	-0.04	-0.12	15.16	0	0	0
186	SLU 49	-0.03	-0.11	15.17	0	0	0
186	SLU 50	-0.04	-0.12	15.06	0	0	0
186	SLU 51	-0.03	-0.11	15.08	0	0	0
186	SLU 52	-0.03	-0.1	16.13	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
186	SLU 53	-0.03	-0.11	16.37	0	0	0
186	SLU 54	-0.03	-0.11	16.39	0	0	0
186	SLU 55	-0.03	-0.11	16.31	0	0	0
186	SLU 56	-0.03	-0.11	16.55	0	0	0
186	SLU 57	-0.03	-0.11	16.57	0	0	0
186	SLU 58	-0.03	-0.12	16.46	0	0	0
186	SLU 59	-0.03	-0.11	16.48	0	0	0
186	SLU 60	-0.03	-0.11	16.7	0	0	0
186	SLU 61	-0.03	-0.11	16.72	0	0	0
186	SLU 62	-0.03	-0.11	16.88	0	0	0
186	SLU 63	-0.03	-0.11	16.9	0	0	0
186	SLU 64	-0.04	-0.1	15.9	0	0	0
186	SLU 65	-0.03	-0.09	15.93	0	0	0
186	SLU 66	-0.04	-0.1	16.17	0	0	0
186	SLU 67	-0.03	-0.09	16.19	0	0	0
186	SLU 68	-0.03	-0.09	16.11	0	0	0
186	SLU 69	-0.04	-0.1	16.35	0	0	0
186	SLU 70	-0.03	-0.09	16.37	0	0	0
186	SLU 71	-0.04	-0.1	16.26	0	0	0
186	SLU 72	-0.03	-0.1	16.27	0	0	0
186	SLU 73	-0.03	-0.09	17.33	0	0	0
186	SLU 74	-0.03	-0.09	17.57	0	0	0
186	SLU 75	-0.03	-0.09	17.58	0	0	0
186	SLU 76	-0.03	-0.09	17.51	0	0	0
186	SLU 77	-0.03	-0.1	17.75	0	0	0
186	SLU 78	-0.03	-0.09	17.76	0	0	0
186	SLU 79	-0.03	-0.1	17.65	0	0	0
186	SLU 80	-0.03	-0.09	17.67	0	0	0
186	SLU 81	-0.03	-0.09	17.89	0	0	0
186	SLU 82	-0.03	-0.09	17.91	0	0	0
186	SLU 83	-0.03	-0.1	18.07	0	0	0
186	SLU 84	-0.03	-0.09	18.09	0	0	0
186	SLE RA 1	-0.03	-0.08	11.97	0	0	0
186	SLE RA 2	-0.02	-0.07	11.99	0	0	0
186	SLE RA 3	-0.03	-0.08	12.15	0	0	0
186	SLE RA 4	-0.03	-0.08	12.16	0	0	0
186	SLE RA 5	-0.03	-0.07	12.11	0	0	0
186	SLE RA 6	-0.03	-0.08	12.27	0	0	0
186	SLE RA 7	-0.03	-0.08	12.28	0	0	0
186	SLE RA 8	-0.03	-0.08	12.21	0	0	0
186	SLE RA 9	-0.03	-0.08	12.22	0	0	0
186	SLE RA 10	-0.02	-0.07	12.92	0	0	0
186	SLE RA 11	-0.02	-0.08	13.08	0	0	0
186	SLE RA 12	-0.02	-0.07	13.09	0	0	0
186	SLE RA 13	-0.02	-0.07	13.04	0	0	0
186	SLE RA 14	-0.03	-0.08	13.2	0	0	0
186	SLE RA 15	-0.02	-0.07	13.21	0	0	0
186	SLE RA 16	-0.03	-0.08	13.14	0	0	0
186	SLE RA 17	-0.02	-0.08	13.15	0	0	0
186	SLE RA 18	-0.02	-0.08	13.3	0	0	0
186	SLE RA 19	-0.02	-0.07	13.31	0	0	0
186	SLE RA 20	-0.02	-0.08	13.42	0	0	0
186	SLE RA 21	-0.02	-0.07	13.43	0	0	0
186	SLE FR 1	-0.03	-0.08	11.97	0	0	0
186	SLE FR 2	-0.03	-0.08	11.97	0	0	0
186	SLE FR 3	-0.03	-0.08	12.01	0	0	0
186	SLE FR 4	-0.03	-0.08	12.37	0	0	0
186	SLE FR 5	-0.03	-0.08	12.41	0	0	0
186	SLE FR 6	-0.03	-0.08	12.63	0	0	0
186	SLE QP 1	-0.03	-0.08	11.97	0	0	0
186	SLE QP 2	-0.03	-0.08	12.37	0	0	0
186	SLD 1	0.96	0.05	12.62	0	0	0
186	SLD 2	1.07	0.03	12.58	0	0	0
186	SLD 3	0.97	-0.22	12.22	0	0	0
186	SLD 4	1.08	-0.24	12.18	0	0	0
186	SLD 5	0.24	0.37	13.05	0	0	0
186	SLD 6	0.31	0.36	13.03	0	0	0
186	SLD 7	0.27	-0.53	11.72	0	0	0
186	SLD 8	0.34	-0.54	11.7	0	0	0
186	SLD 9	-0.39	0.38	13.03	0	0	0
186	SLD 10	-0.32	0.37	13.01	0	0	0
186	SLD 11	-0.36	-0.52	11.7	0	0	0
186	SLD 12	-0.29	-0.53	11.68	0	0	0
186	SLD 13	-1.13	0.08	12.55	0	0	0
186	SLD 14	-1.02	0.06	12.52	0	0	0
186	SLD 15	-1.12	-0.19	12.15	0	0	0
186	SLD 16	-1.01	-0.21	12.12	0	0	0
186	SLV 1	2.28	0.21	12.94	0	0	0
186	SLV 2	2.53	0.17	12.85	0	0	0
186	SLV 3	2.31	-0.4	12.03	0	0	0
186	SLV 4	2.56	-0.45	11.95	0	0	0
186	SLV 5	0.59	0.95	13.92	0	0	0
186	SLV 6	0.75	0.92	13.87	0	0	0
186	SLV 7	0.67	-1.1	10.91	0	0	0
186	SLV 8	0.83	-1.13	10.85	0	0	0
186	SLV 9	-0.88	0.97	13.88	0	0	0
186	SLV 10	-0.72	0.94	13.82	0	0	0
186	SLV 11	-0.8	-1.08	10.86	0	0	0
186	SLV 12	-0.64	-1.11	10.81	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
186	SLV 13	-2.61	0.29	12.78	0	0	0
186	SLV 14	-2.36	0.24	12.7	0	0	0
186	SLV 15	-2.58	-0.32	11.88	0	0	0
186	SLV 16	-2.34	-0.37	11.8	0	0	0
188	SLU 1	-0.01	-0.15	5.84	0	0	0
188	SLU 2	-0.01	-0.14	5.85	0	0	0
188	SLU 3	-0.01	-0.16	5.97	0	0	0
188	SLU 4	-0.01	-0.15	5.98	0	0	0
188	SLU 5	-0.01	-0.15	5.93	0	0	0
188	SLU 6	-0.02	-0.16	6.06	0	0	0
188	SLU 7	-0.01	-0.15	6.07	0	0	0
188	SLU 8	-0.02	-0.16	6.02	0	0	0
188	SLU 9	-0.01	-0.15	6.02	0	0	0
188	SLU 10	-0.01	-0.15	6.52	0	0	0
188	SLU 11	-0.01	-0.17	6.65	0	0	0
188	SLU 12	-0.01	-0.16	6.65	0	0	0
188	SLU 13	-0.01	-0.16	6.61	0	0	0
188	SLU 14	-0.01	-0.17	6.74	0	0	0
188	SLU 15	-0.01	-0.16	6.74	0	0	0
188	SLU 16	-0.01	-0.17	6.69	0	0	0
188	SLU 17	-0.01	-0.16	6.7	0	0	0
188	SLU 18	-0.01	-0.17	6.8	0	0	0
188	SLU 19	-0.01	-0.16	6.81	0	0	0
188	SLU 20	-0.01	-0.17	6.89	0	0	0
188	SLU 21	-0.01	-0.17	6.9	0	0	0
188	SLU 22	-0.02	-0.16	6.44	0	0	0
188	SLU 23	-0.01	-0.15	6.45	0	0	0
188	SLU 24	-0.02	-0.16	6.57	0	0	0
188	SLU 25	-0.02	-0.16	6.58	0	0	0
188	SLU 26	-0.01	-0.15	6.54	0	0	0
188	SLU 27	-0.02	-0.16	6.66	0	0	0
188	SLU 28	-0.02	-0.16	6.67	0	0	0
188	SLU 29	-0.02	-0.16	6.62	0	0	0
188	SLU 30	-0.02	-0.16	6.62	0	0	0
188	SLU 31	-0.01	-0.16	7.12	0	0	0
188	SLU 32	-0.01	-0.17	7.25	0	0	0
188	SLU 33	-0.01	-0.17	7.25	0	0	0
188	SLU 34	-0.01	-0.16	7.21	0	0	0
188	SLU 35	-0.01	-0.18	7.34	0	0	0
188	SLU 36	-0.01	-0.17	7.34	0	0	0
188	SLU 37	-0.01	-0.17	7.29	0	0	0
188	SLU 38	-0.01	-0.17	7.3	0	0	0
188	SLU 39	-0.01	-0.17	7.4	0	0	0
188	SLU 40	-0.01	-0.17	7.41	0	0	0
188	SLU 41	-0.01	-0.18	7.49	0	0	0
188	SLU 42	-0.01	-0.17	7.5	0	0	0
188	SLU 43	-0.02	-0.2	7.39	0	0	0
188	SLU 44	-0.02	-0.19	7.39	0	0	0
188	SLU 45	-0.02	-0.2	7.52	0	0	0
188	SLU 46	-0.02	-0.19	7.52	0	0	0
188	SLU 47	-0.02	-0.19	7.48	0	0	0
188	SLU 48	-0.02	-0.2	7.61	0	0	0
188	SLU 49	-0.02	-0.2	7.61	0	0	0
188	SLU 50	-0.02	-0.2	7.56	0	0	0
188	SLU 51	-0.02	-0.2	7.57	0	0	0
188	SLU 52	-0.01	-0.2	8.07	0	0	0
188	SLU 53	-0.02	-0.21	8.19	0	0	0
188	SLU 54	-0.02	-0.21	8.2	0	0	0
188	SLU 55	-0.01	-0.2	8.16	0	0	0
188	SLU 56	-0.02	-0.21	8.28	0	0	0
188	SLU 57	-0.02	-0.21	8.29	0	0	0
188	SLU 58	-0.02	-0.21	8.24	0	0	0
188	SLU 59	-0.02	-0.21	8.24	0	0	0
188	SLU 60	-0.02	-0.21	8.35	0	0	0
188	SLU 61	-0.01	-0.21	8.35	0	0	0
188	SLU 62	-0.02	-0.21	8.44	0	0	0
188	SLU 63	-0.01	-0.21	8.44	0	0	0
188	SLU 64	-0.02	-0.2	7.99	0	0	0
188	SLU 65	-0.02	-0.19	7.99	0	0	0
188	SLU 66	-0.02	-0.21	8.12	0	0	0
188	SLU 67	-0.02	-0.2	8.12	0	0	0
188	SLU 68	-0.02	-0.2	8.08	0	0	0
188	SLU 69	-0.02	-0.21	8.21	0	0	0
188	SLU 70	-0.02	-0.2	8.21	0	0	0
188	SLU 71	-0.02	-0.21	8.16	0	0	0
188	SLU 72	-0.02	-0.2	8.17	0	0	0
188	SLU 73	-0.02	-0.2	8.67	0	0	0
188	SLU 74	-0.02	-0.22	8.79	0	0	0
188	SLU 75	-0.02	-0.21	8.8	0	0	0
188	SLU 76	-0.02	-0.21	8.76	0	0	0
188	SLU 77	-0.02	-0.22	8.88	0	0	0
188	SLU 78	-0.02	-0.21	8.89	0	0	0
188	SLU 79	-0.02	-0.22	8.84	0	0	0
188	SLU 80	-0.02	-0.21	8.84	0	0	0
188	SLU 81	-0.02	-0.22	8.95	0	0	0
188	SLU 82	-0.02	-0.21	8.95	0	0	0
188	SLU 83	-0.02	-0.22	9.04	0	0	0
188	SLU 84	-0.02	-0.22	9.04	0	0	0
188	SLE RA 1	-0.02	-0.16	6.01	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
188	SLE RA 2	-0.01	-0.15	6.02	0	0	0
188	SLE RA 3	-0.02	-0.16	6.1	0	0	0
188	SLE RA 4	-0.01	-0.15	6.1	0	0	0
188	SLE RA 5	-0.01	-0.15	6.07	0	0	0
188	SLE RA 6	-0.02	-0.16	6.16	0	0	0
188	SLE RA 7	-0.01	-0.16	6.16	0	0	0
188	SLE RA 8	-0.02	-0.16	6.13	0	0	0
188	SLE RA 9	-0.01	-0.15	6.13	0	0	0
188	SLE RA 10	-0.01	-0.16	6.47	0	0	0
188	SLE RA 11	-0.01	-0.16	6.55	0	0	0
188	SLE RA 12	-0.01	-0.16	6.55	0	0	0
188	SLE RA 13	-0.01	-0.16	6.52	0	0	0
188	SLE RA 14	-0.01	-0.17	6.61	0	0	0
188	SLE RA 15	-0.01	-0.16	6.61	0	0	0
188	SLE RA 16	-0.01	-0.17	6.58	0	0	0
188	SLE RA 17	-0.01	-0.16	6.58	0	0	0
188	SLE RA 18	-0.01	-0.17	6.65	0	0	0
188	SLE RA 19	-0.01	-0.16	6.66	0	0	0
188	SLE RA 20	-0.01	-0.17	6.71	0	0	0
188	SLE RA 21	-0.01	-0.16	6.72	0	0	0
188	SLE FR 1	-0.02	-0.16	6.01	0	0	0
188	SLE FR 2	-0.01	-0.15	6.01	0	0	0
188	SLE FR 3	-0.02	-0.16	6.03	0	0	0
188	SLE FR 4	-0.01	-0.16	6.2	0	0	0
188	SLE FR 5	-0.01	-0.16	6.23	0	0	0
188	SLE FR 6	-0.01	-0.16	6.33	0	0	0
188	SLE QP 1	-0.02	-0.16	6.01	0	0	0
188	SLE QP 2	-0.01	-0.16	6.2	0	0	0
188	SLD 1	0.47	-0.17	6.74	0	0	0
188	SLD 2	0.52	-0.19	6.71	0	0	0
188	SLD 3	0.47	-0.29	6.54	0	0	0
188	SLD 4	0.52	-0.32	6.5	0	0	0
188	SLD 5	0.11	0.03	6.68	0	0	0
188	SLD 6	0.15	0.02	6.66	0	0	0
188	SLD 7	0.13	-0.38	6	0	0	0
188	SLD 8	0.16	-0.4	5.98	0	0	0
188	SLD 9	-0.19	0.08	6.43	0	0	0
188	SLD 10	-0.16	0.07	6.41	0	0	0
188	SLD 11	-0.18	-0.33	5.75	0	0	0
188	SLD 12	-0.14	-0.35	5.72	0	0	0
188	SLD 13	-0.55	0	5.9	0	0	0
188	SLD 14	-0.5	-0.03	5.87	0	0	0
188	SLD 15	-0.55	-0.12	5.7	0	0	0
188	SLD 16	-0.5	-0.15	5.67	0	0	0
188	SLV 1	1.11	-0.18	7.45	0	0	0
188	SLV 2	1.23	-0.24	7.38	0	0	0
188	SLV 3	1.12	-0.47	6.99	0	0	0
188	SLV 4	1.24	-0.53	6.91	0	0	0
188	SLV 5	0.28	0.27	7.3	0	0	0
188	SLV 6	0.36	0.23	7.25	0	0	0
188	SLV 7	0.32	-0.67	5.75	0	0	0
188	SLV 8	0.4	-0.71	5.7	0	0	0
188	SLV 9	-0.43	0.39	6.71	0	0	0
188	SLV 10	-0.35	0.35	6.66	0	0	0
188	SLV 11	-0.39	-0.55	5.16	0	0	0
188	SLV 12	-0.31	-0.59	5.11	0	0	0
188	SLV 13	-1.27	0.21	5.5	0	0	0
188	SLV 14	-1.15	0.15	5.42	0	0	0
188	SLV 15	-1.26	-0.07	5.03	0	0	0
188	SLV 16	-1.14	-0.13	4.95	0	0	0
189	SLU 1	-0.01	-0.03	5.84	0	0.877	0.0044
189	SLU 2	-0.01	-0.03	5.85	0	0.8795	0.0039
189	SLU 3	-0.01	-0.03	5.98	0	0.8976	0.0043
189	SLU 4	-0.01	-0.03	5.99	0	0.8991	0.0039
189	SLU 5	-0.01	-0.03	5.95	0	0.8931	0.0039
189	SLU 6	-0.01	-0.03	6.07	0	0.9113	0.0044
189	SLU 7	-0.01	-0.03	6.08	0	0.9128	0.004
189	SLU 8	-0.01	-0.03	6.02	0	0.9043	0.0046
189	SLU 9	-0.01	-0.03	6.03	0	0.9058	0.0042
189	SLU 10	-0.01	-0.02	6.56	0	0.9858	0.0035
189	SLU 11	-0.01	-0.03	6.68	0	1.004	0.0039
189	SLU 12	-0.01	-0.02	6.69	0	1.0054	0.0036
189	SLU 13	-0.01	-0.02	6.65	0	0.9995	0.0035
189	SLU 14	-0.01	-0.03	6.77	0	1.0176	0.004
189	SLU 15	-0.01	-0.02	6.78	0	1.0191	0.0036
189	SLU 16	-0.01	-0.03	6.73	0	1.0106	0.0042
189	SLU 17	-0.01	-0.03	6.74	0	1.0121	0.0038
189	SLU 18	-0.01	-0.03	6.85	0	1.0289	0.0039
189	SLU 19	-0.01	-0.02	6.86	0	1.0304	0.0035
189	SLU 20	-0.01	-0.03	6.94	0	1.0426	0.0039
189	SLU 21	-0.01	-0.02	6.95	0	1.044	0.0036
189	SLU 22	-0.01	-0.02	6.44	0	0.9672	0.0028
189	SLU 23	-0.01	-0.02	6.46	0	0.9697	0.0023
189	SLU 24	-0.01	-0.02	6.58	0	0.9878	0.0027
189	SLU 25	-0.01	-0.02	6.59	0	0.9893	0.0024
189	SLU 26	-0.01	-0.02	6.55	0	0.9833	0.0023
189	SLU 27	-0.01	-0.02	6.67	0	1.0015	0.0028
189	SLU 28	-0.01	-0.02	6.68	0	1.003	0.0024
189	SLU 29	-0.01	-0.02	6.62	0	0.9945	0.003



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
189	SLU 30	-0.01	-0.02	6.63	0	0.996	0.0026
189	SLU 31	-0.01	-0.01	7.16	0	1.076	0.0019
189	SLU 32	-0.01	-0.02	7.28	0	1.0941	0.0023
189	SLU 33	-0.01	-0.01	7.29	0	1.0956	0.002
189	SLU 34	-0.01	-0.01	7.25	0	1.0896	0.002
189	SLU 35	-0.01	-0.02	7.37	0	1.1078	0.0024
189	SLU 36	-0.01	-0.01	7.38	0	1.1093	0.0021
189	SLU 37	-0.01	-0.02	7.33	0	1.1008	0.0026
189	SLU 38	-0.01	-0.02	7.34	0	1.1023	0.0023
189	SLU 39	-0.01	-0.02	7.45	0	1.1191	0.0023
189	SLU 40	-0.01	-0.01	7.46	0	1.1206	0.002
189	SLU 41	-0.01	-0.02	7.54	0	1.1328	0.0024
189	SLU 42	-0.01	-0.01	7.55	0	1.1342	0.002
189	SLU 43	-0.02	-0.04	7.38	0	1.1092	0.0063
189	SLU 44	-0.01	-0.04	7.4	0	1.1117	0.0057
189	SLU 45	-0.02	-0.04	7.52	0	1.1298	0.0061
189	SLU 46	-0.02	-0.04	7.53	0	1.1313	0.0058
189	SLU 47	-0.02	-0.04	7.49	0	1.1253	0.0058
189	SLU 48	-0.02	-0.04	7.61	0	1.1435	0.0062
189	SLU 49	-0.02	-0.04	7.62	0	1.145	0.0059
189	SLU 50	-0.02	-0.04	7.57	0	1.1365	0.0064
189	SLU 51	-0.02	-0.04	7.58	0	1.138	0.0061
189	SLU 52	-0.01	-0.04	8.11	0	1.218	0.0053
189	SLU 53	-0.01	-0.04	8.23	0	1.2362	0.0058
189	SLU 54	-0.01	-0.04	8.24	0	1.2376	0.0054
189	SLU 55	-0.01	-0.04	8.2	0	1.2317	0.0054
189	SLU 56	-0.02	-0.04	8.32	0	1.2498	0.0058
189	SLU 57	-0.01	-0.04	8.33	0	1.2513	0.0055
189	SLU 58	-0.02	-0.04	8.27	0	1.2428	0.006
189	SLU 59	-0.01	-0.04	8.28	0	1.2443	0.0057
189	SLU 60	-0.01	-0.04	8.4	0	1.2611	0.0057
189	SLU 61	-0.01	-0.04	8.4	0	1.2626	0.0054
189	SLU 62	-0.01	-0.04	8.49	0	1.2748	0.0058
189	SLU 63	-0.01	-0.04	8.5	0	1.2762	0.0055
189	SLU 64	-0.02	-0.03	7.98	0	1.1994	0.0047
189	SLU 65	-0.02	-0.03	8	0	1.2019	0.0041
189	SLU 66	-0.02	-0.03	8.12	0	1.22	0.0046
189	SLU 67	-0.02	-0.03	8.13	0	1.2215	0.0042
189	SLU 68	-0.02	-0.03	8.09	0	1.2155	0.0042
189	SLU 69	-0.02	-0.03	8.21	0	1.2337	0.0046
189	SLU 70	-0.02	-0.03	8.22	0	1.2351	0.0043
189	SLU 71	-0.02	-0.03	8.17	0	1.2267	0.0048
189	SLU 72	-0.02	-0.03	8.18	0	1.2282	0.0045
189	SLU 73	-0.01	-0.03	8.71	0	1.3082	0.0038
189	SLU 74	-0.02	-0.03	8.83	0	1.3263	0.0042
189	SLU 75	-0.01	-0.03	8.84	0	1.3278	0.0038
189	SLU 76	-0.01	-0.03	8.8	0	1.3218	0.0038
189	SLU 77	-0.02	-0.03	8.92	0	1.34	0.0043
189	SLU 78	-0.01	-0.03	8.93	0	1.3415	0.0039
189	SLU 79	-0.02	-0.03	8.87	0	1.333	0.0045
189	SLU 80	-0.01	-0.03	8.88	0	1.3345	0.0041
189	SLU 81	-0.01	-0.03	9	0	1.3513	0.0042
189	SLU 82	-0.01	-0.03	9.01	0	1.3528	0.0038
189	SLU 83	-0.01	-0.03	9.09	0	1.3649	0.0042
189	SLU 84	-0.01	-0.03	9.1	0	1.3664	0.0039
189	SLE RA 1	-0.01	-0.03	6.01	0	0.9028	0.004
189	SLE RA 2	-0.01	-0.02	6.02	0	0.9045	0.0036
189	SLE RA 3	-0.01	-0.03	6.1	0	0.9165	0.0039
189	SLE RA 4	-0.01	-0.02	6.11	0	0.9175	0.0036
189	SLE RA 5	-0.01	-0.02	6.08	0	0.9135	0.0036
189	SLE RA 6	-0.01	-0.03	6.16	0	0.9256	0.0039
189	SLE RA 7	-0.01	-0.02	6.17	0	0.9266	0.0037
189	SLE RA 8	-0.01	-0.03	6.13	0	0.921	0.0041
189	SLE RA 9	-0.01	-0.03	6.14	0	0.922	0.0038
189	SLE RA 10	-0.01	-0.02	6.49	0	0.9753	0.0033
189	SLE RA 11	-0.01	-0.02	6.57	0	0.9874	0.0036
189	SLE RA 12	-0.01	-0.02	6.58	0	0.9884	0.0034
189	SLE RA 13	-0.01	-0.02	6.55	0	0.9844	0.0034
189	SLE RA 14	-0.01	-0.02	6.63	0	0.9965	0.0037
189	SLE RA 15	-0.01	-0.02	6.64	0	0.9975	0.0034
189	SLE RA 16	-0.01	-0.03	6.6	0	0.9919	0.0038
189	SLE RA 17	-0.01	-0.02	6.61	0	0.9929	0.0036
189	SLE RA 18	-0.01	-0.02	6.68	0	1.0041	0.0036
189	SLE RA 19	-0.01	-0.02	6.69	0	1.005	0.0034
189	SLE RA 20	-0.01	-0.02	6.74	0	1.0132	0.0036
189	SLE RA 21	-0.01	-0.02	6.75	0	1.0141	0.0034
189	SLE FR 1	-0.01	-0.03	6.01	0	0.9028	0.004
189	SLE FR 2	-0.01	-0.03	6.01	0	0.9031	0.0039
189	SLE FR 3	-0.01	-0.03	6.03	0	0.9065	0.004
189	SLE FR 4	-0.01	-0.03	6.21	0	0.9335	0.0038
189	SLE FR 5	-0.01	-0.03	6.24	0	0.9368	0.0039
189	SLE FR 6	-0.01	-0.03	6.35	0	0.9534	0.0038
189	SLE QP 1	-0.01	-0.03	6.01	0	0.9028	0.004
189	SLE QP 2	-0.01	-0.03	6.21	0	0.9332	0.0039
189	SLD 1	0.48	0.05	6.28	0	0.9429	-0.0081
189	SLD 2	0.53	0.05	6.26	0	0.9405	-0.007
189	SLD 3	0.48	-0.08	6.08	0	0.9128	0.0124
189	SLD 4	0.54	-0.09	6.06	0	0.9104	0.0136
189	SLD 5	0.12	0.21	6.54	0	0.9823	-0.0311



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
189	SLD 6	0.15	0.2	6.53	0	0.9807	-0.0303
189	SLD 7	0.13	-0.25	5.87	0	0.8817	0.0374
189	SLD 8	0.17	-0.25	5.86	0	0.8802	0.0381
189	SLD 9	-0.19	0.2	6.57	0	0.9862	-0.0304
189	SLD 10	-0.16	0.2	6.55	0	0.9846	-0.0296
189	SLD 11	-0.18	-0.25	5.9	0	0.8857	0.038
189	SLD 12	-0.14	-0.26	5.89	0	0.8841	0.0388
189	SLD 13	-0.56	0.04	6.36	0	0.956	-0.0059
189	SLD 14	-0.51	0.03	6.35	0	0.9536	-0.0047
189	SLD 15	-0.56	-0.1	6.16	0	0.9258	0.0147
189	SLD 16	-0.5	-0.11	6.15	0	0.9235	0.0158
189	SLV 1	1.14	0.16	6.36	0	0.9548	-0.0233
189	SLV 2	1.26	0.14	6.32	0	0.9493	-0.0207
189	SLV 3	1.15	-0.15	5.9	0	0.8865	0.0232
189	SLV 4	1.27	-0.17	5.86	0	0.881	0.0258
189	SLV 5	0.29	0.5	6.95	0	1.0442	-0.0753
189	SLV 6	0.37	0.49	6.93	0	1.0406	-0.0736
189	SLV 7	0.33	-0.53	5.44	0	0.8166	0.0798
189	SLV 8	0.41	-0.54	5.41	0	0.813	0.0815
189	SLV 9	-0.44	0.49	7.01	0	1.0534	-0.0738
189	SLV 10	-0.36	0.48	6.99	0	1.0498	-0.0721
189	SLV 11	-0.4	-0.54	5.5	0	0.8257	0.0813
189	SLV 12	-0.32	-0.55	5.47	0	0.8222	0.083
189	SLV 13	-1.3	0.12	6.56	0	0.9854	-0.0181
189	SLV 14	-1.18	0.1	6.52	0	0.9799	-0.0155
189	SLV 15	-1.29	-0.19	6.1	0	0.9171	0.0284
189	SLV 16	-1.16	-0.21	6.07	0	0.9116	0.031
189	CRTFP Uy+	0	0	0	0	0	0
189	CRTFP Uy-	0	0	0	0	0	0
191	SLU 1	0.07	-0.21	40.18	0.9418	11.188	0.0523
191	SLU 2	0.06	-0.17	40.29	0.9442	11.2192	0.0404
191	SLU 3	0.07	-0.21	41.13	0.9641	11.4533	0.0505
191	SLU 4	0.07	-0.18	41.19	0.9656	11.472	0.0433
191	SLU 5	0.06	-0.17	40.9	0.9585	11.3909	0.041
191	SLU 6	0.07	-0.21	41.75	0.9785	11.6251	0.0511
191	SLU 7	0.06	-0.18	41.81	0.9799	11.6438	0.0439
191	SLU 8	0.07	-0.22	41.41	0.9705	11.5315	0.0535
191	SLU 9	0.06	-0.19	41.47	0.972	11.5502	0.0463
191	SLU 10	0.05	-0.13	45.2	1.0599	12.5963	0.0285
191	SLU 11	0.07	-0.17	46.05	1.0798	12.8304	0.0385
191	SLU 12	0.06	-0.14	46.11	1.0813	12.8491	0.0314
191	SLU 13	0.05	-0.13	45.81	1.0742	12.768	0.0291
191	SLU 14	0.06	-0.17	46.66	1.0942	13.0021	0.0391
191	SLU 15	0.06	-0.14	46.72	1.0956	13.0208	0.032
191	SLU 16	0.06	-0.18	46.33	1.0862	12.9086	0.0415
191	SLU 17	0.05	-0.15	46.39	1.0877	12.9273	0.0344
191	SLU 18	0.06	-0.16	47.2	1.1071	13.1553	0.0352
191	SLU 19	0.05	-0.13	47.27	1.1085	13.174	0.0281
191	SLU 20	0.06	-0.16	47.82	1.1215	13.327	0.0358
191	SLU 21	0.05	-0.13	47.88	1.1229	13.3457	0.0287
191	SLU 22	0.1	-0.14	44.38	1.0405	12.3548	0.0319
191	SLU 23	0.08	-0.1	44.48	1.0429	12.3859	0.02
191	SLU 24	0.1	-0.14	45.33	1.0628	12.6201	0.03
191	SLU 25	0.09	-0.11	45.39	1.0643	12.6388	0.0229
191	SLU 26	0.08	-0.1	45.09	1.0573	12.5577	0.0206
191	SLU 27	0.09	-0.14	45.94	1.0772	12.7918	0.0306
191	SLU 28	0.09	-0.11	46	1.0786	12.8105	0.0235
191	SLU 29	0.09	-0.15	45.6	1.0693	12.6982	0.033
191	SLU 30	0.08	-0.12	45.66	1.0707	12.7169	0.0259
191	SLU 31	0.07	-0.06	49.39	1.1586	13.763	0.008
191	SLU 32	0.09	-0.1	50.24	1.1785	13.9971	0.0181
191	SLU 33	0.08	-0.07	50.3	1.18	14.0158	0.0109
191	SLU 34	0.07	-0.06	50.01	1.173	13.9347	0.0086
191	SLU 35	0.09	-0.1	50.85	1.1929	14.1689	0.0186
191	SLU 36	0.08	-0.07	50.91	1.1943	14.1876	0.0115
191	SLU 37	0.08	-0.11	50.52	1.185	14.0753	0.0211
191	SLU 38	0.08	-0.08	50.58	1.1864	14.094	0.0139
191	SLU 39	0.08	-0.09	51.4	1.2058	14.322	0.0148
191	SLU 40	0.08	-0.06	51.46	1.2072	14.3407	0.0077
191	SLU 41	0.08	-0.09	52.01	1.2202	14.4937	0.0154
191	SLU 42	0.07	-0.06	52.07	1.2216	14.5124	0.0082
191	SLU 43	0.09	-0.3	50.8	1.1905	14.1444	0.075
191	SLU 44	0.08	-0.26	50.9	1.1929	14.1756	0.0631
191	SLU 45	0.09	-0.29	51.75	1.2128	14.4097	0.0732
191	SLU 46	0.08	-0.27	51.81	1.2143	14.4284	0.066
191	SLU 47	0.07	-0.26	51.52	1.2072	14.3473	0.0637
191	SLU 48	0.09	-0.3	52.36	1.2272	14.5815	0.0738
191	SLU 49	0.08	-0.27	52.43	1.2286	14.6002	0.0666
191	SLU 50	0.09	-0.31	52.03	1.2192	14.4879	0.0762
191	SLU 51	0.08	-0.28	52.09	1.2207	14.5066	0.0691
191	SLU 52	0.07	-0.22	55.82	1.3086	15.5527	0.0512
191	SLU 53	0.08	-0.25	56.67	1.3285	15.7868	0.0612
191	SLU 54	0.07	-0.23	56.73	1.33	15.8055	0.0541
191	SLU 55	0.07	-0.22	56.43	1.3229	15.7244	0.0518
191	SLU 56	0.08	-0.26	57.28	1.3429	15.9585	0.0618
191	SLU 57	0.07	-0.23	57.34	1.3443	15.9772	0.0547
191	SLU 58	0.08	-0.26	56.94	1.3349	15.865	0.0642
191	SLU 59	0.07	-0.24	57	1.3364	15.8837	0.0571
191	SLU 60	0.08	-0.24	57.82	1.3558	16.1117	0.058



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
191	SLU 61	0.07	-0.22	57.88	1.3572	16.1304	0.0508
191	SLU 62	0.08	-0.24	58.44	1.3702	16.2834	0.0585
191	SLU 63	0.07	-0.22	58.5	1.3716	16.3021	0.0514
191	SLU 64	0.11	-0.23	54.99	1.2892	15.3112	0.0546
191	SLU 65	0.1	-0.19	55.1	1.2916	15.3423	0.0427
191	SLU 66	0.11	-0.23	55.94	1.3116	15.5765	0.0527
191	SLU 67	0.1	-0.2	56	1.313	15.5952	0.0456
191	SLU 68	0.1	-0.19	55.71	1.306	15.514	0.0433
191	SLU 69	0.11	-0.23	56.56	1.3259	15.7482	0.0533
191	SLU 70	0.1	-0.2	56.62	1.3273	15.7669	0.0462
191	SLU 71	0.11	-0.24	56.22	1.318	15.6546	0.0557
191	SLU 72	0.1	-0.21	56.28	1.3194	15.6733	0.0486
191	SLU 73	0.09	-0.15	60.01	1.4073	16.7194	0.0307
191	SLU 74	0.1	-0.19	60.86	1.4273	16.9535	0.0408
191	SLU 75	0.1	-0.16	60.92	1.4287	16.9722	0.0336
191	SLU 76	0.09	-0.15	60.62	1.4217	16.8911	0.0313
191	SLU 77	0.1	-0.19	61.47	1.4416	17.1252	0.0414
191	SLU 78	0.09	-0.16	61.53	1.443	17.1439	0.0342
191	SLU 79	0.1	-0.2	61.14	1.4337	17.0317	0.0438
191	SLU 80	0.09	-0.17	61.2	1.4351	17.0504	0.0366
191	SLU 81	0.1	-0.17	62.01	1.4545	17.2784	0.0375
191	SLU 82	0.09	-0.15	62.08	1.4559	17.2971	0.0304
191	SLU 83	0.1	-0.18	62.63	1.4689	17.4501	0.0381
191	SLU 84	0.09	-0.15	62.69	1.4703	17.4688	0.0309
191	SLE RA 1	0.08	-0.19	41.38	0.97	11.5214	0.0465
191	SLE RA 2	0.07	-0.16	41.45	0.9716	11.5422	0.0385
191	SLE RA 3	0.08	-0.19	42.01	0.9849	11.6983	0.0452
191	SLE RA 4	0.08	-0.17	42.06	0.9858	11.7107	0.0405
191	SLE RA 5	0.07	-0.17	41.86	0.9812	11.6567	0.0389
191	SLE RA 6	0.08	-0.19	42.42	0.9945	11.8127	0.0456
191	SLE RA 7	0.07	-0.17	42.46	0.9954	11.8252	0.0409
191	SLE RA 8	0.08	-0.2	42.2	0.9892	11.7504	0.0472
191	SLE RA 9	0.07	-0.18	42.24	0.9901	11.7628	0.0425
191	SLE RA 10	0.07	-0.14	44.73	1.0487	12.4602	0.0306
191	SLE RA 11	0.08	-0.16	45.29	1.062	12.6163	0.0373
191	SLE RA 12	0.07	-0.14	45.33	1.063	12.6288	0.0325
191	SLE RA 13	0.06	-0.14	45.13	1.0583	12.5747	0.031
191	SLE RA 14	0.07	-0.16	45.7	1.0716	12.7308	0.0377
191	SLE RA 15	0.07	-0.15	45.74	1.0726	12.7433	0.0329
191	SLE RA 16	0.07	-0.17	45.48	1.0663	12.6684	0.0393
191	SLE RA 17	0.07	-0.15	45.52	1.0673	12.6809	0.0345
191	SLE RA 18	0.07	-0.15	46.06	1.0802	12.8329	0.0351
191	SLE RA 19	0.07	-0.14	46.1	1.0812	12.8453	0.0303
191	SLE RA 20	0.07	-0.16	46.47	1.0898	12.9474	0.0355
191	SLE RA 21	0.07	-0.14	46.51	1.0907	12.9598	0.0307
191	SLE FR 1	0.08	-0.19	41.38	0.97	11.5214	0.0465
191	SLE FR 2	0.08	-0.19	41.4	0.9703	11.5255	0.0449
191	SLE FR 3	0.08	-0.19	41.55	0.9739	11.5672	0.0466
191	SLE FR 4	0.08	-0.18	42.8	1.0034	11.919	0.0415
191	SLE FR 5	0.08	-0.18	42.95	1.0069	11.9606	0.0432
191	SLE FR 6	0.08	-0.17	43.72	1.0251	12.1771	0.0408
191	SLE QP 1	0.08	-0.19	41.38	0.97	11.5214	0.0465
191	SLE QP 2	0.08	-0.18	42.79	1.0031	11.9148	0.0431
191	SLD 1	3.84	0.24	42.78	1.0055	11.9925	-0.1616
191	SLD 2	4.24	0.27	42.89	1.0081	12.0173	-0.1781
191	SLD 3	3.8	-0.78	41.42	0.9768	11.6126	0.1248
191	SLD 4	4.19	-0.74	41.54	0.9793	11.6374	0.1084
191	SLD 5	1.21	1.47	44.81	1.0469	12.5098	-0.4499
191	SLD 6	1.47	1.49	44.89	1.0486	12.5261	-0.4607
191	SLD 7	1.05	-1.9	40.3	0.9512	11.2436	0.505
191	SLD 8	1.31	-1.88	40.38	0.9529	11.2599	0.4942
191	SLD 9	-1.16	1.51	45.19	1.0533	12.5697	-0.408
191	SLD 10	-0.9	1.54	45.27	1.055	12.5861	-0.4189
191	SLD 11	-1.31	-1.86	40.68	0.9576	11.3035	0.5468
191	SLD 12	-1.05	-1.84	40.76	0.9592	11.3199	0.536
191	SLD 13	-4.04	0.38	44.03	1.0268	12.1923	-0.0223
191	SLD 14	-3.64	0.41	44.15	1.0294	12.2171	-0.0387
191	SLD 15	-4.08	-0.63	42.68	0.9981	11.8124	0.2642
191	SLD 16	-3.69	-0.6	42.8	1.0006	11.8372	0.2477
191	SLV 1	8.89	0.76	42.71	1.0078	12.0826	-0.4254
191	SLV 2	9.81	0.83	42.99	1.0137	12.1403	-0.4637
191	SLV 3	8.78	-1.53	39.65	0.9427	11.2223	0.2239
191	SLV 4	9.7	-1.46	39.92	0.9486	11.28	0.1856
191	SLV 5	2.72	3.56	47.36	1.1022	13.26	-1.0756
191	SLV 6	3.32	3.61	47.54	1.1059	13.2973	-1.1004
191	SLV 7	2.37	-4.08	37.15	0.8853	10.3922	1.0888
191	SLV 8	2.96	-4.03	37.33	0.8891	10.4296	1.064
191	SLV 9	-2.81	3.67	48.25	1.1171	13.4001	-0.9779
191	SLV 10	-2.21	3.71	48.42	1.1209	13.4375	-1.0027
191	SLV 11	-3.16	-3.97	38.03	0.9002	10.5323	1.1865
191	SLV 12	-2.57	-3.93	38.21	0.904	10.5697	1.1617
191	SLV 13	-9.55	1.1	45.65	1.0576	12.5497	-0.0995
191	SLV 14	-8.63	1.17	45.92	1.0634	12.6074	-0.1378
191	SLV 15	-9.66	-1.2	42.59	0.9925	11.6893	0.5498
191	SLV 16	-8.73	-1.12	42.86	0.9984	11.7471	0.5115
191	CRTFP Ux+	0	0	0	0	0	0
191	CRTFP Ux-	0	0	0	0	0	0
191	CRTFP Uy+	0	0	0	0	0	0
191	CRTFP Uy-	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
193	SLU 1	0.02	-0.09	11.2	0	0	0
193	SLU 2	0.02	-0.08	11.22	0	0	0
193	SLU 3	0.02	-0.09	11.46	0	0	0
193	SLU 4	0.02	-0.08	11.47	0	0	0
193	SLU 5	0.02	-0.08	11.39	0	0	0
193	SLU 6	0.02	-0.09	11.63	0	0	0
193	SLU 7	0.02	-0.08	11.64	0	0	0
193	SLU 8	0.02	-0.09	11.54	0	0	0
193	SLU 9	0.02	-0.08	11.55	0	0	0
193	SLU 10	0.02	-0.07	12.58	0	0	0
193	SLU 11	0.02	-0.08	12.82	0	0	0
193	SLU 12	0.02	-0.07	12.83	0	0	0
193	SLU 13	0.02	-0.07	12.75	0	0	0
193	SLU 14	0.02	-0.08	12.99	0	0	0
193	SLU 15	0.02	-0.07	13	0	0	0
193	SLU 16	0.02	-0.08	12.89	0	0	0
193	SLU 17	0.02	-0.08	12.91	0	0	0
193	SLU 18	0.02	-0.08	13.13	0	0	0
193	SLU 19	0.02	-0.07	13.15	0	0	0
193	SLU 20	0.02	-0.08	13.3	0	0	0
193	SLU 21	0.02	-0.07	13.32	0	0	0
193	SLU 22	0.03	-0.07	12.37	0	0	0
193	SLU 23	0.02	-0.06	12.39	0	0	0
193	SLU 24	0.03	-0.07	12.63	0	0	0
193	SLU 25	0.03	-0.07	12.64	0	0	0
193	SLU 26	0.02	-0.06	12.56	0	0	0
193	SLU 27	0.03	-0.07	12.8	0	0	0
193	SLU 28	0.03	-0.07	12.81	0	0	0
193	SLU 29	0.03	-0.08	12.7	0	0	0
193	SLU 30	0.03	-0.07	12.72	0	0	0
193	SLU 31	0.02	-0.05	13.75	0	0	0
193	SLU 32	0.03	-0.07	13.98	0	0	0
193	SLU 33	0.02	-0.06	14	0	0	0
193	SLU 34	0.02	-0.05	13.91	0	0	0
193	SLU 35	0.03	-0.07	14.15	0	0	0
193	SLU 36	0.02	-0.06	14.17	0	0	0
193	SLU 37	0.02	-0.07	14.06	0	0	0
193	SLU 38	0.02	-0.06	14.07	0	0	0
193	SLU 39	0.02	-0.06	14.3	0	0	0
193	SLU 40	0.02	-0.06	14.32	0	0	0
193	SLU 41	0.02	-0.06	14.47	0	0	0
193	SLU 42	0.02	-0.06	14.49	0	0	0
193	SLU 43	0.03	-0.12	14.16	0	0	0
193	SLU 44	0.02	-0.11	14.18	0	0	0
193	SLU 45	0.03	-0.12	14.42	0	0	0
193	SLU 46	0.02	-0.11	14.43	0	0	0
193	SLU 47	0.02	-0.11	14.35	0	0	0
193	SLU 48	0.03	-0.12	14.59	0	0	0
193	SLU 49	0.02	-0.11	14.6	0	0	0
193	SLU 50	0.03	-0.12	14.5	0	0	0
193	SLU 51	0.02	-0.12	14.51	0	0	0
193	SLU 52	0.02	-0.1	15.54	0	0	0
193	SLU 53	0.02	-0.11	15.77	0	0	0
193	SLU 54	0.02	-0.1	15.79	0	0	0
193	SLU 55	0.02	-0.1	15.71	0	0	0
193	SLU 56	0.02	-0.11	15.94	0	0	0
193	SLU 57	0.02	-0.11	15.96	0	0	0
193	SLU 58	0.02	-0.12	15.85	0	0	0
193	SLU 59	0.02	-0.11	15.87	0	0	0
193	SLU 60	0.02	-0.11	16.09	0	0	0
193	SLU 61	0.02	-0.1	16.11	0	0	0
193	SLU 62	0.02	-0.11	16.26	0	0	0
193	SLU 63	0.02	-0.1	16.28	0	0	0
193	SLU 64	0.03	-0.11	15.32	0	0	0
193	SLU 65	0.03	-0.09	15.35	0	0	0
193	SLU 66	0.03	-0.11	15.59	0	0	0
193	SLU 67	0.03	-0.1	15.6	0	0	0
193	SLU 68	0.03	-0.09	15.52	0	0	0
193	SLU 69	0.03	-0.11	15.76	0	0	0
193	SLU 70	0.03	-0.1	15.77	0	0	0
193	SLU 71	0.03	-0.11	15.66	0	0	0
193	SLU 72	0.03	-0.1	15.68	0	0	0
193	SLU 73	0.03	-0.08	16.7	0	0	0
193	SLU 74	0.03	-0.1	16.94	0	0	0
193	SLU 75	0.03	-0.09	16.96	0	0	0
193	SLU 76	0.03	-0.09	16.87	0	0	0
193	SLU 77	0.03	-0.1	17.11	0	0	0
193	SLU 78	0.03	-0.09	17.13	0	0	0
193	SLU 79	0.03	-0.1	17.02	0	0	0
193	SLU 80	0.03	-0.09	17.03	0	0	0
193	SLU 81	0.03	-0.1	17.26	0	0	0
193	SLU 82	0.03	-0.09	17.27	0	0	0
193	SLU 83	0.03	-0.1	17.43	0	0	0
193	SLU 84	0.03	-0.09	17.44	0	0	0
193	SLE RA 1	0.02	-0.08	11.53	0	0	0
193	SLE RA 2	0.02	-0.08	11.55	0	0	0
193	SLE RA 3	0.02	-0.08	11.71	0	0	0
193	SLE RA 4	0.02	-0.08	11.72	0	0	0
193	SLE RA 5	0.02	-0.08	11.66	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
193	SLE RA 6	0.02	-0.09	11.82	0	0	0
193	SLE RA 7	0.02	-0.08	11.83	0	0	0
193	SLE RA 8	0.02	-0.09	11.76	0	0	0
193	SLE RA 9	0.02	-0.08	11.77	0	0	0
193	SLE RA 10	0.02	-0.07	12.45	0	0	0
193	SLE RA 11	0.02	-0.08	12.61	0	0	0
193	SLE RA 12	0.02	-0.07	12.62	0	0	0
193	SLE RA 13	0.02	-0.07	12.56	0	0	0
193	SLE RA 14	0.02	-0.08	12.72	0	0	0
193	SLE RA 15	0.02	-0.07	12.73	0	0	0
193	SLE RA 16	0.02	-0.08	12.66	0	0	0
193	SLE RA 17	0.02	-0.08	12.67	0	0	0
193	SLE RA 18	0.02	-0.08	12.82	0	0	0
193	SLE RA 19	0.02	-0.07	12.83	0	0	0
193	SLE RA 20	0.02	-0.08	12.93	0	0	0
193	SLE RA 21	0.02	-0.07	12.94	0	0	0
193	SLE FR 1	0.02	-0.08	11.53	0	0	0
193	SLE FR 2	0.02	-0.08	11.53	0	0	0
193	SLE FR 3	0.02	-0.09	11.58	0	0	0
193	SLE FR 4	0.02	-0.08	11.92	0	0	0
193	SLE FR 5	0.02	-0.08	11.96	0	0	0
193	SLE FR 6	0.02	-0.08	12.18	0	0	0
193	SLE QP 1	0.02	-0.08	11.53	0	0	0
193	SLE QP 2	0.02	-0.08	11.92	0	0	0
193	SLD 1	1.05	0.07	11.79	0	0	0
193	SLD 2	1.16	0.09	11.83	0	0	0
193	SLD 3	1.04	-0.2	11.41	0	0	0
193	SLD 4	1.15	-0.18	11.46	0	0	0
193	SLD 5	0.33	0.37	12.44	0	0	0
193	SLD 6	0.4	0.39	12.47	0	0	0
193	SLD 7	0.29	-0.53	11.19	0	0	0
193	SLD 8	0.36	-0.52	11.22	0	0	0
193	SLD 9	-0.31	0.36	12.62	0	0	0
193	SLD 10	-0.24	0.37	12.65	0	0	0
193	SLD 11	-0.36	-0.55	11.37	0	0	0
193	SLD 12	-0.29	-0.54	11.4	0	0	0
193	SLD 13	-1.1	0.01	12.38	0	0	0
193	SLD 14	-0.99	0.03	12.42	0	0	0
193	SLD 15	-1.11	-0.26	12	0	0	0
193	SLD 16	-1.01	-0.24	12.05	0	0	0
193	SLV 1	2.43	0.27	11.6	0	0	0
193	SLV 2	2.68	0.32	11.7	0	0	0
193	SLV 3	2.4	-0.34	10.75	0	0	0
193	SLV 4	2.65	-0.3	10.85	0	0	0
193	SLV 5	0.75	0.95	13.09	0	0	0
193	SLV 6	0.91	0.98	13.16	0	0	0
193	SLV 7	0.65	-1.1	10.26	0	0	0
193	SLV 8	0.81	-1.08	10.33	0	0	0
193	SLV 9	-0.76	0.91	13.51	0	0	0
193	SLV 10	-0.6	0.94	13.57	0	0	0
193	SLV 11	-0.86	-1.15	10.68	0	0	0
193	SLV 12	-0.7	-1.12	10.75	0	0	0
193	SLV 13	-2.61	0.13	12.98	0	0	0
193	SLV 14	-2.35	0.18	13.08	0	0	0
193	SLV 15	-2.64	-0.48	12.13	0	0	0
193	SLV 16	-2.38	-0.44	12.24	0	0	0
194	SLU 1	0.02	-0.1	11.3	0	0	0
194	SLU 2	0.02	-0.09	11.32	0	0	0
194	SLU 3	0.02	-0.1	11.56	0	0	0
194	SLU 4	0.02	-0.09	11.58	0	0	0
194	SLU 5	0.02	-0.09	11.49	0	0	0
194	SLU 6	0.02	-0.1	11.73	0	0	0
194	SLU 7	0.02	-0.1	11.75	0	0	0
194	SLU 8	0.02	-0.11	11.64	0	0	0
194	SLU 9	0.02	-0.1	11.65	0	0	0
194	SLU 10	0.02	-0.08	12.68	0	0	0
194	SLU 11	0.02	-0.1	12.92	0	0	0
194	SLU 12	0.02	-0.09	12.94	0	0	0
194	SLU 13	0.02	-0.08	12.85	0	0	0
194	SLU 14	0.02	-0.1	13.09	0	0	0
194	SLU 15	0.02	-0.09	13.11	0	0	0
194	SLU 16	0.02	-0.1	13	0	0	0
194	SLU 17	0.02	-0.09	13.01	0	0	0
194	SLU 18	0.02	-0.09	13.24	0	0	0
194	SLU 19	0.02	-0.09	13.26	0	0	0
194	SLU 20	0.02	-0.1	13.41	0	0	0
194	SLU 21	0.02	-0.09	13.43	0	0	0
194	SLU 22	0.03	-0.09	12.48	0	0	0
194	SLU 23	0.03	-0.07	12.5	0	0	0
194	SLU 24	0.03	-0.09	12.74	0	0	0
194	SLU 25	0.03	-0.08	12.75	0	0	0
194	SLU 26	0.03	-0.08	12.67	0	0	0
194	SLU 27	0.03	-0.09	12.91	0	0	0
194	SLU 28	0.03	-0.08	12.92	0	0	0
194	SLU 29	0.03	-0.09	12.82	0	0	0
194	SLU 30	0.03	-0.08	12.83	0	0	0
194	SLU 31	0.02	-0.07	13.86	0	0	0
194	SLU 32	0.03	-0.08	14.1	0	0	0
194	SLU 33	0.03	-0.07	14.11	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
194	SLU 34	0.02	-0.07	14.03	0	0	0
194	SLU 35	0.03	-0.08	14.27	0	0	0
194	SLU 36	0.03	-0.08	14.29	0	0	0
194	SLU 37	0.03	-0.09	14.18	0	0	0
194	SLU 38	0.02	-0.08	14.19	0	0	0
194	SLU 39	0.03	-0.08	14.42	0	0	0
194	SLU 40	0.02	-0.07	14.43	0	0	0
194	SLU 41	0.03	-0.08	14.59	0	0	0
194	SLU 42	0.02	-0.07	14.6	0	0	0
194	SLU 43	0.03	-0.14	14.28	0	0	0
194	SLU 44	0.03	-0.12	14.31	0	0	0
194	SLU 45	0.03	-0.14	14.55	0	0	0
194	SLU 46	0.03	-0.13	14.56	0	0	0
194	SLU 47	0.02	-0.12	14.48	0	0	0
194	SLU 48	0.03	-0.14	14.72	0	0	0
194	SLU 49	0.03	-0.13	14.73	0	0	0
194	SLU 50	0.03	-0.14	14.63	0	0	0
194	SLU 51	0.03	-0.13	14.64	0	0	0
194	SLU 52	0.02	-0.12	15.67	0	0	0
194	SLU 53	0.03	-0.13	15.91	0	0	0
194	SLU 54	0.02	-0.12	15.92	0	0	0
194	SLU 55	0.02	-0.12	15.84	0	0	0
194	SLU 56	0.03	-0.13	16.08	0	0	0
194	SLU 57	0.02	-0.12	16.09	0	0	0
194	SLU 58	0.03	-0.14	15.99	0	0	0
194	SLU 59	0.02	-0.13	16	0	0	0
194	SLU 60	0.03	-0.13	16.23	0	0	0
194	SLU 61	0.02	-0.12	16.24	0	0	0
194	SLU 62	0.03	-0.13	16.4	0	0	0
194	SLU 63	0.02	-0.12	16.41	0	0	0
194	SLU 64	0.04	-0.12	15.46	0	0	0
194	SLU 65	0.03	-0.11	15.48	0	0	0
194	SLU 66	0.04	-0.12	15.73	0	0	0
194	SLU 67	0.03	-0.12	15.74	0	0	0
194	SLU 68	0.03	-0.11	15.66	0	0	0
194	SLU 69	0.04	-0.13	15.9	0	0	0
194	SLU 70	0.03	-0.12	15.91	0	0	0
194	SLU 71	0.03	-0.13	15.8	0	0	0
194	SLU 72	0.03	-0.12	15.82	0	0	0
194	SLU 73	0.03	-0.1	16.85	0	0	0
194	SLU 74	0.03	-0.12	17.09	0	0	0
194	SLU 75	0.03	-0.11	17.1	0	0	0
194	SLU 76	0.03	-0.11	17.02	0	0	0
194	SLU 77	0.03	-0.12	17.26	0	0	0
194	SLU 78	0.03	-0.11	17.27	0	0	0
194	SLU 79	0.03	-0.12	17.16	0	0	0
194	SLU 80	0.03	-0.11	17.18	0	0	0
194	SLU 81	0.03	-0.12	17.41	0	0	0
194	SLU 82	0.03	-0.11	17.42	0	0	0
194	SLU 83	0.03	-0.12	17.58	0	0	0
194	SLU 84	0.03	-0.11	17.59	0	0	0
194	SLE RA 1	0.03	-0.1	11.64	0	0	0
194	SLE RA 2	0.02	-0.09	11.65	0	0	0
194	SLE RA 3	0.03	-0.1	11.81	0	0	0
194	SLE RA 4	0.02	-0.09	11.82	0	0	0
194	SLE RA 5	0.02	-0.09	11.76	0	0	0
194	SLE RA 6	0.03	-0.1	11.93	0	0	0
194	SLE RA 7	0.02	-0.09	11.93	0	0	0
194	SLE RA 8	0.03	-0.1	11.86	0	0	0
194	SLE RA 9	0.02	-0.09	11.87	0	0	0
194	SLE RA 10	0.02	-0.09	12.56	0	0	0
194	SLE RA 11	0.02	-0.09	12.72	0	0	0
194	SLE RA 12	0.02	-0.09	12.73	0	0	0
194	SLE RA 13	0.02	-0.09	12.67	0	0	0
194	SLE RA 14	0.02	-0.1	12.83	0	0	0
194	SLE RA 15	0.02	-0.09	12.84	0	0	0
194	SLE RA 16	0.02	-0.1	12.77	0	0	0
194	SLE RA 17	0.02	-0.09	12.78	0	0	0
194	SLE RA 18	0.02	-0.09	12.93	0	0	0
194	SLE RA 19	0.02	-0.09	12.94	0	0	0
194	SLE RA 20	0.02	-0.09	13.04	0	0	0
194	SLE RA 21	0.02	-0.09	13.05	0	0	0
194	SLE FR 1	0.03	-0.1	11.64	0	0	0
194	SLE FR 2	0.03	-0.1	11.64	0	0	0
194	SLE FR 3	0.03	-0.1	11.68	0	0	0
194	SLE FR 4	0.02	-0.09	12.03	0	0	0
194	SLE FR 5	0.03	-0.1	12.07	0	0	0
194	SLE FR 6	0.02	-0.1	12.28	0	0	0
194	SLE QP 1	0.03	-0.1	11.64	0	0	0
194	SLE QP 2	0.03	-0.1	12.02	0	0	0
194	SLD 1	1.06	0.08	11.82	0	0	0
194	SLD 2	1.17	0.1	11.87	0	0	0
194	SLD 3	1.05	-0.2	11.44	0	0	0
194	SLD 4	1.16	-0.17	11.49	0	0	0
194	SLD 5	0.34	0.36	12.52	0	0	0
194	SLD 6	0.41	0.38	12.56	0	0	0
194	SLD 7	0.29	-0.54	11.27	0	0	0
194	SLD 8	0.36	-0.53	11.3	0	0	0
194	SLD 9	-0.31	0.33	12.75	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
194	SLD 10	-0.24	0.35	12.78	0	0	0
194	SLD 11	-0.36	-0.57	11.49	0	0	0
194	SLD 12	-0.29	-0.56	11.52	0	0	0
194	SLD 13	-1.11	-0.02	12.56	0	0	0
194	SLD 14	-1	0	12.6	0	0	0
194	SLD 15	-1.12	-0.29	12.18	0	0	0
194	SLD 16	-1.01	-0.27	12.23	0	0	0
194	SLV 1	2.45	0.3	11.53	0	0	0
194	SLV 2	2.7	0.35	11.64	0	0	0
194	SLV 3	2.42	-0.32	10.68	0	0	0
194	SLV 4	2.67	-0.26	10.79	0	0	0
194	SLV 5	0.75	0.95	13.15	0	0	0
194	SLV 6	0.92	0.98	13.22	0	0	0
194	SLV 7	0.65	-1.11	10.31	0	0	0
194	SLV 8	0.82	-1.07	10.38	0	0	0
194	SLV 9	-0.77	0.88	13.67	0	0	0
194	SLV 10	-0.6	0.91	13.74	0	0	0
194	SLV 11	-0.87	-1.18	10.83	0	0	0
194	SLV 12	-0.7	-1.14	10.9	0	0	0
194	SLV 13	-2.62	0.07	13.25	0	0	0
194	SLV 14	-2.36	0.13	13.37	0	0	0
194	SLV 15	-2.65	-0.55	12.4	0	0	0
194	SLV 16	-2.4	-0.49	12.52	0	0	0
195	SLU 1	0.03	-0.12	11.36	0	0	0
195	SLU 2	0.02	-0.1	11.38	0	0	0
195	SLU 3	0.03	-0.12	11.62	0	0	0
195	SLU 4	0.02	-0.11	11.63	0	0	0
195	SLU 5	0.02	-0.1	11.55	0	0	0
195	SLU 6	0.03	-0.12	11.79	0	0	0
195	SLU 7	0.02	-0.11	11.8	0	0	0
195	SLU 8	0.03	-0.12	11.7	0	0	0
195	SLU 9	0.02	-0.11	11.71	0	0	0
195	SLU 10	0.02	-0.1	12.74	0	0	0
195	SLU 11	0.02	-0.11	12.98	0	0	0
195	SLU 12	0.02	-0.1	12.99	0	0	0
195	SLU 13	0.02	-0.1	12.91	0	0	0
195	SLU 14	0.02	-0.11	13.15	0	0	0
195	SLU 15	0.02	-0.11	13.16	0	0	0
195	SLU 16	0.02	-0.12	13.06	0	0	0
195	SLU 17	0.02	-0.11	13.07	0	0	0
195	SLU 18	0.02	-0.11	13.3	0	0	0
195	SLU 19	0.02	-0.1	13.31	0	0	0
195	SLU 20	0.02	-0.11	13.47	0	0	0
195	SLU 21	0.02	-0.1	13.48	0	0	0
195	SLU 22	0.03	-0.1	12.54	0	0	0
195	SLU 23	0.03	-0.09	12.56	0	0	0
195	SLU 24	0.03	-0.1	12.8	0	0	0
195	SLU 25	0.03	-0.1	12.82	0	0	0
195	SLU 26	0.03	-0.09	12.73	0	0	0
195	SLU 27	0.03	-0.11	12.97	0	0	0
195	SLU 28	0.03	-0.1	12.99	0	0	0
195	SLU 29	0.03	-0.11	12.88	0	0	0
195	SLU 30	0.03	-0.1	12.89	0	0	0
195	SLU 31	0.03	-0.09	13.92	0	0	0
195	SLU 32	0.03	-0.1	14.16	0	0	0
195	SLU 33	0.03	-0.09	14.18	0	0	0
195	SLU 34	0.03	-0.09	14.09	0	0	0
195	SLU 35	0.03	-0.1	14.33	0	0	0
195	SLU 36	0.03	-0.09	14.35	0	0	0
195	SLU 37	0.03	-0.1	14.24	0	0	0
195	SLU 38	0.03	-0.1	14.25	0	0	0
195	SLU 39	0.03	-0.1	14.48	0	0	0
195	SLU 40	0.03	-0.09	14.49	0	0	0
195	SLU 41	0.03	-0.1	14.65	0	0	0
195	SLU 42	0.03	-0.09	14.66	0	0	0
195	SLU 43	0.03	-0.16	14.36	0	0	0
195	SLU 44	0.03	-0.14	14.38	0	0	0
195	SLU 45	0.03	-0.16	14.62	0	0	0
195	SLU 46	0.03	-0.15	14.63	0	0	0
195	SLU 47	0.03	-0.14	14.55	0	0	0
195	SLU 48	0.03	-0.16	14.79	0	0	0
195	SLU 49	0.03	-0.15	14.8	0	0	0
195	SLU 50	0.03	-0.16	14.7	0	0	0
195	SLU 51	0.03	-0.15	14.71	0	0	0
195	SLU 52	0.03	-0.14	15.74	0	0	0
195	SLU 53	0.03	-0.15	15.98	0	0	0
195	SLU 54	0.03	-0.14	15.99	0	0	0
195	SLU 55	0.02	-0.14	15.91	0	0	0
195	SLU 56	0.03	-0.15	16.15	0	0	0
195	SLU 57	0.03	-0.14	16.16	0	0	0
195	SLU 58	0.03	-0.16	16.06	0	0	0
195	SLU 59	0.03	-0.15	16.07	0	0	0
195	SLU 60	0.03	-0.15	16.3	0	0	0
195	SLU 61	0.03	-0.14	16.31	0	0	0
195	SLU 62	0.03	-0.15	16.47	0	0	0
195	SLU 63	0.03	-0.14	16.48	0	0	0
195	SLU 64	0.04	-0.14	15.54	0	0	0
195	SLU 65	0.03	-0.13	15.56	0	0	0
195	SLU 66	0.04	-0.14	15.8	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
195	SLU 67	0.04	-0.13	15.82	0	0	0
195	SLU 68	0.03	-0.13	15.73	0	0	0
195	SLU 69	0.04	-0.15	15.97	0	0	0
195	SLU 70	0.04	-0.14	15.99	0	0	0
195	SLU 71	0.04	-0.15	15.88	0	0	0
195	SLU 72	0.03	-0.14	15.89	0	0	0
195	SLU 73	0.03	-0.12	16.92	0	0	0
195	SLU 74	0.04	-0.14	17.16	0	0	0
195	SLU 75	0.03	-0.13	17.18	0	0	0
195	SLU 76	0.03	-0.13	17.09	0	0	0
195	SLU 77	0.04	-0.14	17.33	0	0	0
195	SLU 78	0.03	-0.13	17.35	0	0	0
195	SLU 79	0.03	-0.14	17.24	0	0	0
195	SLU 80	0.03	-0.13	17.25	0	0	0
195	SLU 81	0.03	-0.14	17.48	0	0	0
195	SLU 82	0.03	-0.13	17.49	0	0	0
195	SLU 83	0.03	-0.14	17.65	0	0	0
195	SLU 84	0.03	-0.13	17.66	0	0	0
195	SLE RA 1	0.03	-0.11	11.69	0	0	0
195	SLE RA 2	0.03	-0.1	11.71	0	0	0
195	SLE RA 3	0.03	-0.11	11.87	0	0	0
195	SLE RA 4	0.03	-0.11	11.88	0	0	0
195	SLE RA 5	0.03	-0.1	11.82	0	0	0
195	SLE RA 6	0.03	-0.11	11.98	0	0	0
195	SLE RA 7	0.03	-0.11	11.99	0	0	0
195	SLE RA 8	0.03	-0.12	11.92	0	0	0
195	SLE RA 9	0.03	-0.11	11.93	0	0	0
195	SLE RA 10	0.02	-0.1	12.61	0	0	0
195	SLE RA 11	0.03	-0.11	12.78	0	0	0
195	SLE RA 12	0.02	-0.1	12.78	0	0	0
195	SLE RA 13	0.02	-0.1	12.73	0	0	0
195	SLE RA 14	0.03	-0.11	12.89	0	0	0
195	SLE RA 15	0.02	-0.11	12.9	0	0	0
195	SLE RA 16	0.03	-0.11	12.83	0	0	0
195	SLE RA 17	0.02	-0.11	12.84	0	0	0
195	SLE RA 18	0.03	-0.11	12.99	0	0	0
195	SLE RA 19	0.02	-0.1	13	0	0	0
195	SLE RA 20	0.03	-0.11	13.1	0	0	0
195	SLE RA 21	0.02	-0.1	13.11	0	0	0
195	SLE FR 1	0.03	-0.11	11.69	0	0	0
195	SLE FR 2	0.03	-0.11	11.7	0	0	0
195	SLE FR 3	0.03	-0.11	11.74	0	0	0
195	SLE FR 4	0.03	-0.11	12.08	0	0	0
195	SLE FR 5	0.03	-0.11	12.13	0	0	0
195	SLE FR 6	0.03	-0.11	12.34	0	0	0
195	SLE QP 1	0.03	-0.11	11.69	0	0	0
195	SLE QP 2	0.03	-0.11	12.08	0	0	0
195	SLD 1	1.06	0.08	11.79	0	0	0
195	SLD 2	1.17	0.1	11.85	0	0	0
195	SLD 3	1.05	-0.2	11.42	0	0	0
195	SLD 4	1.16	-0.17	11.47	0	0	0
195	SLD 5	0.34	0.35	12.56	0	0	0
195	SLD 6	0.41	0.37	12.59	0	0	0
195	SLD 7	0.29	-0.55	11.3	0	0	0
195	SLD 8	0.37	-0.53	11.34	0	0	0
195	SLD 9	-0.31	0.31	12.83	0	0	0
195	SLD 10	-0.24	0.33	12.86	0	0	0
195	SLD 11	-0.36	-0.59	11.57	0	0	0
195	SLD 12	-0.28	-0.57	11.61	0	0	0
195	SLD 13	-1.11	-0.06	12.7	0	0	0
195	SLD 14	-1	-0.03	12.75	0	0	0
195	SLD 15	-1.12	-0.33	12.32	0	0	0
195	SLD 16	-1.01	-0.3	12.37	0	0	0
195	SLV 1	2.45	0.32	11.39	0	0	0
195	SLV 2	2.71	0.38	11.51	0	0	0
195	SLV 3	2.42	-0.3	10.54	0	0	0
195	SLV 4	2.68	-0.23	10.66	0	0	0
195	SLV 5	0.76	0.94	13.15	0	0	0
195	SLV 6	0.92	0.98	13.23	0	0	0
195	SLV 7	0.65	-1.11	10.3	0	0	0
195	SLV 8	0.82	-1.07	10.38	0	0	0
195	SLV 9	-0.77	0.84	13.78	0	0	0
195	SLV 10	-0.6	0.89	13.86	0	0	0
195	SLV 11	-0.87	-1.2	10.94	0	0	0
195	SLV 12	-0.7	-1.16	11.02	0	0	0
195	SLV 13	-2.62	0.01	13.5	0	0	0
195	SLV 14	-2.37	0.07	13.63	0	0	0
195	SLV 15	-2.65	-0.61	12.65	0	0	0
195	SLV 16	-2.4	-0.54	12.77	0	0	0
196	SLU 1	0.03	-0.13	11.38	0	0	0
196	SLU 2	0.02	-0.11	11.4	0	0	0
196	SLU 3	0.03	-0.13	11.64	0	0	0
196	SLU 4	0.03	-0.12	11.65	0	0	0
196	SLU 5	0.02	-0.12	11.57	0	0	0
196	SLU 6	0.03	-0.13	11.81	0	0	0
196	SLU 7	0.02	-0.12	11.82	0	0	0
196	SLU 8	0.03	-0.13	11.72	0	0	0
196	SLU 9	0.02	-0.12	11.73	0	0	0
196	SLU 10	0.02	-0.11	12.75	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
196	SLU 11	0.03	-0.13	13	0	0	0
196	SLU 12	0.02	-0.12	13.01	0	0	0
196	SLU 13	0.02	-0.11	12.92	0	0	0
196	SLU 14	0.02	-0.13	13.17	0	0	0
196	SLU 15	0.02	-0.12	13.18	0	0	0
196	SLU 16	0.02	-0.13	13.07	0	0	0
196	SLU 17	0.02	-0.12	13.09	0	0	0
196	SLU 18	0.02	-0.13	13.31	0	0	0
196	SLU 19	0.02	-0.12	13.33	0	0	0
196	SLU 20	0.02	-0.13	13.48	0	0	0
196	SLU 21	0.02	-0.12	13.5	0	0	0
196	SLU 22	0.03	-0.12	12.56	0	0	0
196	SLU 23	0.03	-0.1	12.58	0	0	0
196	SLU 24	0.03	-0.12	12.83	0	0	0
196	SLU 25	0.03	-0.11	12.84	0	0	0
196	SLU 26	0.03	-0.11	12.75	0	0	0
196	SLU 27	0.03	-0.12	13	0	0	0
196	SLU 28	0.03	-0.11	13.01	0	0	0
196	SLU 29	0.03	-0.12	12.91	0	0	0
196	SLU 30	0.03	-0.11	12.92	0	0	0
196	SLU 31	0.03	-0.1	13.94	0	0	0
196	SLU 32	0.03	-0.12	14.18	0	0	0
196	SLU 33	0.03	-0.11	14.19	0	0	0
196	SLU 34	0.03	-0.1	14.11	0	0	0
196	SLU 35	0.03	-0.12	14.35	0	0	0
196	SLU 36	0.03	-0.11	14.36	0	0	0
196	SLU 37	0.03	-0.12	14.26	0	0	0
196	SLU 38	0.03	-0.11	14.27	0	0	0
196	SLU 39	0.03	-0.12	14.5	0	0	0
196	SLU 40	0.03	-0.11	14.51	0	0	0
196	SLU 41	0.03	-0.12	14.67	0	0	0
196	SLU 42	0.03	-0.11	14.68	0	0	0
196	SLU 43	0.03	-0.17	14.39	0	0	0
196	SLU 44	0.03	-0.16	14.4	0	0	0
196	SLU 45	0.03	-0.17	14.65	0	0	0
196	SLU 46	0.03	-0.16	14.66	0	0	0
196	SLU 47	0.03	-0.16	14.57	0	0	0
196	SLU 48	0.03	-0.18	14.82	0	0	0
196	SLU 49	0.03	-0.17	14.83	0	0	0
196	SLU 50	0.03	-0.18	14.73	0	0	0
196	SLU 51	0.03	-0.17	14.74	0	0	0
196	SLU 52	0.03	-0.15	15.76	0	0	0
196	SLU 53	0.03	-0.17	16	0	0	0
196	SLU 54	0.03	-0.16	16.02	0	0	0
196	SLU 55	0.03	-0.16	15.93	0	0	0
196	SLU 56	0.03	-0.17	16.17	0	0	0
196	SLU 57	0.03	-0.16	16.19	0	0	0
196	SLU 58	0.03	-0.18	16.08	0	0	0
196	SLU 59	0.03	-0.17	16.09	0	0	0
196	SLU 60	0.03	-0.17	16.32	0	0	0
196	SLU 61	0.03	-0.16	16.33	0	0	0
196	SLU 62	0.03	-0.17	16.49	0	0	0
196	SLU 63	0.03	-0.16	16.5	0	0	0
196	SLU 64	0.04	-0.16	15.57	0	0	0
196	SLU 65	0.04	-0.15	15.59	0	0	0
196	SLU 66	0.04	-0.16	15.84	0	0	0
196	SLU 67	0.04	-0.15	15.85	0	0	0
196	SLU 68	0.04	-0.15	15.76	0	0	0
196	SLU 69	0.04	-0.17	16.01	0	0	0
196	SLU 70	0.04	-0.16	16.02	0	0	0
196	SLU 71	0.04	-0.17	15.91	0	0	0
196	SLU 72	0.04	-0.16	15.92	0	0	0
196	SLU 73	0.03	-0.14	16.94	0	0	0
196	SLU 74	0.04	-0.16	17.19	0	0	0
196	SLU 75	0.04	-0.15	17.2	0	0	0
196	SLU 76	0.03	-0.15	17.12	0	0	0
196	SLU 77	0.04	-0.16	17.36	0	0	0
196	SLU 78	0.04	-0.15	17.37	0	0	0
196	SLU 79	0.04	-0.17	17.27	0	0	0
196	SLU 80	0.03	-0.16	17.28	0	0	0
196	SLU 81	0.04	-0.16	17.51	0	0	0
196	SLU 82	0.03	-0.15	17.52	0	0	0
196	SLU 83	0.04	-0.16	17.68	0	0	0
196	SLU 84	0.03	-0.15	17.69	0	0	0
196	SLE RA 1	0.03	-0.13	11.72	0	0	0
196	SLE RA 2	0.03	-0.12	11.73	0	0	0
196	SLE RA 3	0.03	-0.13	11.89	0	0	0
196	SLE RA 4	0.03	-0.12	11.9	0	0	0
196	SLE RA 5	0.03	-0.12	11.84	0	0	0
196	SLE RA 6	0.03	-0.13	12.01	0	0	0
196	SLE RA 7	0.03	-0.12	12.01	0	0	0
196	SLE RA 8	0.03	-0.13	11.94	0	0	0
196	SLE RA 9	0.03	-0.12	11.95	0	0	0
196	SLE RA 10	0.03	-0.12	12.63	0	0	0
196	SLE RA 11	0.03	-0.13	12.8	0	0	0
196	SLE RA 12	0.03	-0.12	12.8	0	0	0
196	SLE RA 13	0.02	-0.12	12.75	0	0	0
196	SLE RA 14	0.03	-0.13	12.91	0	0	0
196	SLE RA 15	0.03	-0.12	12.92	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
196	SLE RA 16	0.03	-0.13	12.85	0	0	0
196	SLE RA 17	0.03	-0.12	12.86	0	0	0
196	SLE RA 18	0.03	-0.13	13.01	0	0	0
196	SLE RA 19	0.03	-0.12	13.02	0	0	0
196	SLE RA 20	0.03	-0.13	13.12	0	0	0
196	SLE RA 21	0.03	-0.12	13.13	0	0	0
196	SLE FR 1	0.03	-0.13	11.72	0	0	0
196	SLE FR 2	0.03	-0.13	11.72	0	0	0
196	SLE FR 3	0.03	-0.13	11.76	0	0	0
196	SLE FR 4	0.03	-0.12	12.11	0	0	0
196	SLE FR 5	0.03	-0.13	12.15	0	0	0
196	SLE FR 6	0.03	-0.13	12.36	0	0	0
196	SLE QP 1	0.03	-0.13	11.72	0	0	0
196	SLE QP 2	0.03	-0.13	12.1	0	0	0
196	SLD 1	1.06	0.07	11.72	0	0	0
196	SLD 2	1.17	0.11	11.78	0	0	0
196	SLD 3	1.05	-0.2	11.35	0	0	0
196	SLD 4	1.16	-0.16	11.4	0	0	0
196	SLD 5	0.34	0.33	12.55	0	0	0
196	SLD 6	0.41	0.36	12.59	0	0	0
196	SLD 7	0.3	-0.56	11.29	0	0	0
196	SLD 8	0.37	-0.54	11.33	0	0	0
196	SLD 9	-0.31	0.29	12.88	0	0	0
196	SLD 10	-0.24	0.31	12.91	0	0	0
196	SLD 11	-0.36	-0.61	11.62	0	0	0
196	SLD 12	-0.28	-0.59	11.66	0	0	0
196	SLD 13	-1.1	-0.09	12.81	0	0	0
196	SLD 14	-0.99	-0.06	12.86	0	0	0
196	SLD 15	-1.12	-0.36	12.43	0	0	0
196	SLD 16	-1.01	-0.33	12.49	0	0	0
196	SLV 1	2.45	0.33	11.2	0	0	0
196	SLV 2	2.71	0.41	11.33	0	0	0
196	SLV 3	2.42	-0.28	10.34	0	0	0
196	SLV 4	2.68	-0.2	10.48	0	0	0
196	SLV 5	0.76	0.92	13.1	0	0	0
196	SLV 6	0.92	0.97	13.19	0	0	0
196	SLV 7	0.65	-1.11	10.26	0	0	0
196	SLV 8	0.82	-1.06	10.34	0	0	0
196	SLV 9	-0.76	0.8	13.86	0	0	0
196	SLV 10	-0.6	0.85	13.95	0	0	0
196	SLV 11	-0.87	-1.22	11.02	0	0	0
196	SLV 12	-0.7	-1.17	11.1	0	0	0
196	SLV 13	-2.62	-0.05	13.73	0	0	0
196	SLV 14	-2.36	0.02	13.86	0	0	0
196	SLV 15	-2.65	-0.66	12.88	0	0	0
196	SLV 16	-2.4	-0.59	13.01	0	0	0
197	SLU 1	0.03	-0.14	11.37	0	0	0
197	SLU 2	0.02	-0.13	11.39	0	0	0
197	SLU 3	0.03	-0.15	11.64	0	0	0
197	SLU 4	0.03	-0.13	11.65	0	0	0
197	SLU 5	0.02	-0.13	11.56	0	0	0
197	SLU 6	0.03	-0.15	11.81	0	0	0
197	SLU 7	0.03	-0.14	11.82	0	0	0
197	SLU 8	0.03	-0.15	11.71	0	0	0
197	SLU 9	0.03	-0.14	11.72	0	0	0
197	SLU 10	0.02	-0.13	12.74	0	0	0
197	SLU 11	0.03	-0.15	12.99	0	0	0
197	SLU 12	0.02	-0.14	13	0	0	0
197	SLU 13	0.02	-0.13	12.91	0	0	0
197	SLU 14	0.03	-0.15	13.16	0	0	0
197	SLU 15	0.02	-0.14	13.17	0	0	0
197	SLU 16	0.03	-0.15	13.06	0	0	0
197	SLU 17	0.02	-0.14	13.07	0	0	0
197	SLU 18	0.03	-0.14	13.3	0	0	0
197	SLU 19	0.02	-0.13	13.31	0	0	0
197	SLU 20	0.02	-0.15	13.47	0	0	0
197	SLU 21	0.02	-0.14	13.48	0	0	0
197	SLU 22	0.04	-0.14	12.56	0	0	0
197	SLU 23	0.03	-0.12	12.58	0	0	0
197	SLU 24	0.04	-0.14	12.82	0	0	0
197	SLU 25	0.03	-0.13	12.83	0	0	0
197	SLU 26	0.03	-0.12	12.75	0	0	0
197	SLU 27	0.04	-0.14	12.99	0	0	0
197	SLU 28	0.03	-0.13	13	0	0	0
197	SLU 29	0.04	-0.14	12.9	0	0	0
197	SLU 30	0.03	-0.13	12.91	0	0	0
197	SLU 31	0.03	-0.12	13.93	0	0	0
197	SLU 32	0.03	-0.14	14.17	0	0	0
197	SLU 33	0.03	-0.13	14.18	0	0	0
197	SLU 34	0.03	-0.12	14.1	0	0	0
197	SLU 35	0.03	-0.14	14.34	0	0	0
197	SLU 36	0.03	-0.13	14.35	0	0	0
197	SLU 37	0.03	-0.14	14.25	0	0	0
197	SLU 38	0.03	-0.13	14.26	0	0	0
197	SLU 39	0.03	-0.14	14.49	0	0	0
197	SLU 40	0.03	-0.13	14.5	0	0	0
197	SLU 41	0.03	-0.14	14.66	0	0	0
197	SLU 42	0.03	-0.13	14.67	0	0	0
197	SLU 43	0.04	-0.19	14.38	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
197	SLU 44	0.03	-0.17	14.4	0	0	0
197	SLU 45	0.04	-0.19	14.64	0	0	0
197	SLU 46	0.03	-0.18	14.65	0	0	0
197	SLU 47	0.03	-0.18	14.57	0	0	0
197	SLU 48	0.04	-0.19	14.81	0	0	0
197	SLU 49	0.03	-0.18	14.82	0	0	0
197	SLU 50	0.03	-0.19	14.72	0	0	0
197	SLU 51	0.03	-0.18	14.73	0	0	0
197	SLU 52	0.03	-0.17	15.74	0	0	0
197	SLU 53	0.03	-0.19	15.99	0	0	0
197	SLU 54	0.03	-0.18	16	0	0	0
197	SLU 55	0.03	-0.18	15.91	0	0	0
197	SLU 56	0.03	-0.19	16.16	0	0	0
197	SLU 57	0.03	-0.18	16.17	0	0	0
197	SLU 58	0.03	-0.19	16.07	0	0	0
197	SLU 59	0.03	-0.18	16.08	0	0	0
197	SLU 60	0.03	-0.19	16.31	0	0	0
197	SLU 61	0.03	-0.18	16.32	0	0	0
197	SLU 62	0.03	-0.19	16.48	0	0	0
197	SLU 63	0.03	-0.18	16.49	0	0	0
197	SLU 64	0.04	-0.18	15.57	0	0	0
197	SLU 65	0.04	-0.16	15.58	0	0	0
197	SLU 66	0.04	-0.18	15.83	0	0	0
197	SLU 67	0.04	-0.17	15.84	0	0	0
197	SLU 68	0.04	-0.17	15.75	0	0	0
197	SLU 69	0.04	-0.19	16	0	0	0
197	SLU 70	0.04	-0.18	16.01	0	0	0
197	SLU 71	0.04	-0.19	15.91	0	0	0
197	SLU 72	0.04	-0.18	15.92	0	0	0
197	SLU 73	0.04	-0.16	16.93	0	0	0
197	SLU 74	0.04	-0.18	17.18	0	0	0
197	SLU 75	0.04	-0.17	17.19	0	0	0
197	SLU 76	0.04	-0.17	17.1	0	0	0
197	SLU 77	0.04	-0.19	17.35	0	0	0
197	SLU 78	0.04	-0.18	17.36	0	0	0
197	SLU 79	0.04	-0.19	17.25	0	0	0
197	SLU 80	0.04	-0.18	17.26	0	0	0
197	SLU 81	0.04	-0.18	17.49	0	0	0
197	SLU 82	0.04	-0.17	17.5	0	0	0
197	SLU 83	0.04	-0.18	17.66	0	0	0
197	SLU 84	0.04	-0.17	17.67	0	0	0
197	SLE RA 1	0.03	-0.14	11.71	0	0	0
197	SLE RA 2	0.03	-0.13	11.72	0	0	0
197	SLE RA 3	0.03	-0.14	11.89	0	0	0
197	SLE RA 4	0.03	-0.14	11.9	0	0	0
197	SLE RA 5	0.03	-0.13	11.84	0	0	0
197	SLE RA 6	0.03	-0.14	12	0	0	0
197	SLE RA 7	0.03	-0.14	12.01	0	0	0
197	SLE RA 8	0.03	-0.14	11.94	0	0	0
197	SLE RA 9	0.03	-0.14	11.95	0	0	0
197	SLE RA 10	0.03	-0.13	12.62	0	0	0
197	SLE RA 11	0.03	-0.14	12.79	0	0	0
197	SLE RA 12	0.03	-0.14	12.79	0	0	0
197	SLE RA 13	0.03	-0.13	12.74	0	0	0
197	SLE RA 14	0.03	-0.14	12.9	0	0	0
197	SLE RA 15	0.03	-0.14	12.91	0	0	0
197	SLE RA 16	0.03	-0.14	12.84	0	0	0
197	SLE RA 17	0.03	-0.14	12.85	0	0	0
197	SLE RA 18	0.03	-0.14	13	0	0	0
197	SLE RA 19	0.03	-0.13	13	0	0	0
197	SLE RA 20	0.03	-0.14	13.11	0	0	0
197	SLE RA 21	0.03	-0.14	13.12	0	0	0
197	SLE FR 1	0.03	-0.14	11.71	0	0	0
197	SLE FR 2	0.03	-0.14	11.72	0	0	0
197	SLE FR 3	0.03	-0.14	11.76	0	0	0
197	SLE FR 4	0.03	-0.14	12.1	0	0	0
197	SLE FR 5	0.03	-0.14	12.14	0	0	0
197	SLE FR 6	0.03	-0.14	12.36	0	0	0
197	SLE QP 1	0.03	-0.14	11.71	0	0	0
197	SLE QP 2	0.03	-0.14	12.1	0	0	0
197	SLD 1	1.06	0.07	11.62	0	0	0
197	SLD 2	1.17	0.11	11.68	0	0	0
197	SLD 3	1.05	-0.2	11.25	0	0	0
197	SLD 4	1.16	-0.16	11.31	0	0	0
197	SLD 5	0.34	0.32	12.52	0	0	0
197	SLD 6	0.41	0.34	12.56	0	0	0
197	SLD 7	0.29	-0.57	11.26	0	0	0
197	SLD 8	0.37	-0.54	11.3	0	0	0
197	SLD 9	-0.31	0.26	12.9	0	0	0
197	SLD 10	-0.23	0.28	12.94	0	0	0
197	SLD 11	-0.35	-0.63	11.64	0	0	0
197	SLD 12	-0.28	-0.6	11.68	0	0	0
197	SLD 13	-1.09	-0.12	12.89	0	0	0
197	SLD 14	-0.99	-0.09	12.95	0	0	0
197	SLD 15	-1.11	-0.39	12.51	0	0	0
197	SLD 16	-1	-0.35	12.58	0	0	0
197	SLV 1	2.44	0.34	10.97	0	0	0
197	SLV 2	2.69	0.43	11.11	0	0	0
197	SLV 3	2.41	-0.26	10.12	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
197	SLV 4	2.66	-0.17	10.26	0	0	0
197	SLV 5	0.76	0.9	13.03	0	0	0
197	SLV 6	0.92	0.96	13.12	0	0	0
197	SLV 7	0.65	-1.1	10.18	0	0	0
197	SLV 8	0.82	-1.05	10.28	0	0	0
197	SLV 9	-0.75	0.76	13.92	0	0	0
197	SLV 10	-0.59	0.82	14.01	0	0	0
197	SLV 11	-0.86	-1.24	11.07	0	0	0
197	SLV 12	-0.7	-1.18	11.17	0	0	0
197	SLV 13	-2.6	-0.11	13.94	0	0	0
197	SLV 14	-2.35	-0.02	14.08	0	0	0
197	SLV 15	-2.63	-0.71	13.08	0	0	0
197	SLV 16	-2.38	-0.63	13.23	0	0	0
198	SLU 1	0.03	-0.15	11.06	0	0	0
198	SLU 2	0.03	-0.14	11.07	0	0	0
198	SLU 3	0.03	-0.15	11.32	0	0	0
198	SLU 4	0.03	-0.14	11.33	0	0	0
198	SLU 5	0.02	-0.14	11.24	0	0	0
198	SLU 6	0.03	-0.16	11.48	0	0	0
198	SLU 7	0.03	-0.15	11.49	0	0	0
198	SLU 8	0.03	-0.16	11.39	0	0	0
198	SLU 9	0.03	-0.15	11.4	0	0	0
198	SLU 10	0.02	-0.14	12.38	0	0	0
198	SLU 11	0.03	-0.16	12.62	0	0	0
198	SLU 12	0.02	-0.15	12.63	0	0	0
198	SLU 13	0.02	-0.14	12.55	0	0	0
198	SLU 14	0.03	-0.16	12.79	0	0	0
198	SLU 15	0.02	-0.15	12.8	0	0	0
198	SLU 16	0.03	-0.16	12.7	0	0	0
198	SLU 17	0.02	-0.15	12.7	0	0	0
198	SLU 18	0.03	-0.15	12.93	0	0	0
198	SLU 19	0.02	-0.14	12.93	0	0	0
198	SLU 20	0.03	-0.16	13.09	0	0	0
198	SLU 21	0.02	-0.15	13.1	0	0	0
198	SLU 22	0.04	-0.15	12.22	0	0	0
198	SLU 23	0.03	-0.13	12.23	0	0	0
198	SLU 24	0.04	-0.15	12.47	0	0	0
198	SLU 25	0.03	-0.14	12.48	0	0	0
198	SLU 26	0.03	-0.13	12.4	0	0	0
198	SLU 27	0.04	-0.15	12.64	0	0	0
198	SLU 28	0.03	-0.14	12.65	0	0	0
198	SLU 29	0.04	-0.15	12.55	0	0	0
198	SLU 30	0.03	-0.14	12.55	0	0	0
198	SLU 31	0.03	-0.13	13.54	0	0	0
198	SLU 32	0.03	-0.15	13.78	0	0	0
198	SLU 33	0.03	-0.14	13.79	0	0	0
198	SLU 34	0.03	-0.13	13.7	0	0	0
198	SLU 35	0.03	-0.15	13.94	0	0	0
198	SLU 36	0.03	-0.14	13.95	0	0	0
198	SLU 37	0.03	-0.15	13.85	0	0	0
198	SLU 38	0.03	-0.14	13.86	0	0	0
198	SLU 39	0.03	-0.15	14.08	0	0	0
198	SLU 40	0.03	-0.14	14.09	0	0	0
198	SLU 41	0.03	-0.15	14.25	0	0	0
198	SLU 42	0.03	-0.14	14.26	0	0	0
198	SLU 43	0.04	-0.2	13.98	0	0	0
198	SLU 44	0.03	-0.18	14	0	0	0
198	SLU 45	0.04	-0.2	14.24	0	0	0
198	SLU 46	0.03	-0.19	14.25	0	0	0
198	SLU 47	0.03	-0.19	14.16	0	0	0
198	SLU 48	0.04	-0.2	14.4	0	0	0
198	SLU 49	0.03	-0.19	14.41	0	0	0
198	SLU 50	0.04	-0.21	14.31	0	0	0
198	SLU 51	0.03	-0.2	14.32	0	0	0
198	SLU 52	0.03	-0.18	15.3	0	0	0
198	SLU 53	0.03	-0.2	15.54	0	0	0
198	SLU 54	0.03	-0.19	15.55	0	0	0
198	SLU 55	0.03	-0.19	15.47	0	0	0
198	SLU 56	0.03	-0.21	15.71	0	0	0
198	SLU 57	0.03	-0.2	15.72	0	0	0
198	SLU 58	0.03	-0.21	15.62	0	0	0
198	SLU 59	0.03	-0.2	15.63	0	0	0
198	SLU 60	0.03	-0.2	15.85	0	0	0
198	SLU 61	0.03	-0.19	15.86	0	0	0
198	SLU 62	0.03	-0.21	16.01	0	0	0
198	SLU 63	0.03	-0.2	16.02	0	0	0
198	SLU 64	0.04	-0.19	15.14	0	0	0
198	SLU 65	0.04	-0.18	15.15	0	0	0
198	SLU 66	0.04	-0.2	15.39	0	0	0
198	SLU 67	0.04	-0.19	15.4	0	0	0
198	SLU 68	0.04	-0.18	15.32	0	0	0
198	SLU 69	0.04	-0.2	15.56	0	0	0
198	SLU 70	0.04	-0.19	15.57	0	0	0
198	SLU 71	0.04	-0.2	15.47	0	0	0
198	SLU 72	0.04	-0.19	15.48	0	0	0
198	SLU 73	0.04	-0.18	16.46	0	0	0
198	SLU 74	0.04	-0.2	16.7	0	0	0
198	SLU 75	0.04	-0.19	16.71	0	0	0
198	SLU 76	0.04	-0.18	16.62	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
198	SLU 77	0.04	-0.2	16.87	0	0	0
198	SLU 78	0.04	-0.19	16.87	0	0	0
198	SLU 79	0.04	-0.2	16.77	0	0	0
198	SLU 80	0.04	-0.19	16.78	0	0	0
198	SLU 81	0.04	-0.2	17	0	0	0
198	SLU 82	0.04	-0.19	17.01	0	0	0
198	SLU 83	0.04	-0.2	17.17	0	0	0
198	SLU 84	0.04	-0.19	17.18	0	0	0
198	SLE RA 1	0.03	-0.15	11.39	0	0	0
198	SLE RA 2	0.03	-0.14	11.4	0	0	0
198	SLE RA 3	0.03	-0.15	11.56	0	0	0
198	SLE RA 4	0.03	-0.14	11.57	0	0	0
198	SLE RA 5	0.03	-0.14	11.51	0	0	0
198	SLE RA 6	0.03	-0.15	11.67	0	0	0
198	SLE RA 7	0.03	-0.15	11.68	0	0	0
198	SLE RA 8	0.03	-0.15	11.61	0	0	0
198	SLE RA 9	0.03	-0.15	11.62	0	0	0
198	SLE RA 10	0.03	-0.14	12.27	0	0	0
198	SLE RA 11	0.03	-0.15	12.43	0	0	0
198	SLE RA 12	0.03	-0.15	12.44	0	0	0
198	SLE RA 13	0.03	-0.14	12.38	0	0	0
198	SLE RA 14	0.03	-0.15	12.54	0	0	0
198	SLE RA 15	0.03	-0.15	12.55	0	0	0
198	SLE RA 16	0.03	-0.16	12.48	0	0	0
198	SLE RA 17	0.03	-0.15	12.49	0	0	0
198	SLE RA 18	0.03	-0.15	12.63	0	0	0
198	SLE RA 19	0.03	-0.15	12.64	0	0	0
198	SLE RA 20	0.03	-0.15	12.74	0	0	0
198	SLE RA 21	0.03	-0.15	12.75	0	0	0
198	SLE FR 1	0.03	-0.15	11.39	0	0	0
198	SLE FR 2	0.03	-0.15	11.39	0	0	0
198	SLE FR 3	0.03	-0.15	11.44	0	0	0
198	SLE FR 4	0.03	-0.15	11.77	0	0	0
198	SLE FR 5	0.03	-0.15	11.81	0	0	0
198	SLE FR 6	0.03	-0.15	12.01	0	0	0
198	SLE QP 1	0.03	-0.15	11.39	0	0	0
198	SLE QP 2	0.03	-0.15	11.76	0	0	0
198	SLD 1	1.02	0.06	11.21	0	0	0
198	SLD 2	1.13	0.1	11.27	0	0	0
198	SLD 3	1.01	-0.19	10.84	0	0	0
198	SLD 4	1.12	-0.15	10.9	0	0	0
198	SLD 5	0.33	0.29	12.14	0	0	0
198	SLD 6	0.4	0.32	12.18	0	0	0
198	SLD 7	0.29	-0.56	10.92	0	0	0
198	SLD 8	0.35	-0.53	10.96	0	0	0
198	SLD 9	-0.29	0.23	12.57	0	0	0
198	SLD 10	-0.22	0.25	12.61	0	0	0
198	SLD 11	-0.34	-0.62	11.34	0	0	0
198	SLD 12	-0.27	-0.59	11.39	0	0	0
198	SLD 13	-1.05	-0.15	12.63	0	0	0
198	SLD 14	-0.95	-0.11	12.69	0	0	0
198	SLD 15	-1.07	-0.41	12.26	0	0	0
198	SLD 16	-0.96	-0.37	12.32	0	0	0
198	SLV 1	2.35	0.34	10.45	0	0	0
198	SLV 2	2.6	0.44	10.59	0	0	0
198	SLV 3	2.32	-0.23	9.61	0	0	0
198	SLV 4	2.57	-0.14	9.76	0	0	0
198	SLV 5	0.73	0.86	12.61	0	0	0
198	SLV 6	0.89	0.92	12.7	0	0	0
198	SLV 7	0.63	-1.07	9.83	0	0	0
198	SLV 8	0.79	-1.01	9.93	0	0	0
198	SLV 9	-0.73	0.7	13.6	0	0	0
198	SLV 10	-0.57	0.77	13.7	0	0	0
198	SLV 11	-0.83	-1.22	10.83	0	0	0
198	SLV 12	-0.67	-1.16	10.92	0	0	0
198	SLV 13	-2.51	-0.16	13.77	0	0	0
198	SLV 14	-2.26	-0.07	13.91	0	0	0
198	SLV 15	-2.54	-0.74	12.93	0	0	0
198	SLV 16	-2.29	-0.64	13.08	0	0	0
199	SLU 1	0.03	-0.17	11.3	0	0	0
199	SLU 2	0.03	-0.15	11.31	0	0	0
199	SLU 3	0.03	-0.17	11.56	0	0	0
199	SLU 4	0.03	-0.16	11.57	0	0	0
199	SLU 5	0.03	-0.15	11.48	0	0	0
199	SLU 6	0.03	-0.17	11.73	0	0	0
199	SLU 7	0.03	-0.16	11.74	0	0	0
199	SLU 8	0.03	-0.17	11.64	0	0	0
199	SLU 9	0.03	-0.16	11.64	0	0	0
199	SLU 10	0.02	-0.15	12.64	0	0	0
199	SLU 11	0.03	-0.17	12.89	0	0	0
199	SLU 12	0.03	-0.16	12.9	0	0	0
199	SLU 13	0.02	-0.16	12.81	0	0	0
199	SLU 14	0.03	-0.18	13.06	0	0	0
199	SLU 15	0.03	-0.17	13.07	0	0	0
199	SLU 16	0.03	-0.18	12.97	0	0	0
199	SLU 17	0.02	-0.17	12.97	0	0	0
199	SLU 18	0.03	-0.17	13.2	0	0	0
199	SLU 19	0.02	-0.16	13.21	0	0	0
199	SLU 20	0.03	-0.18	13.37	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
199	SLU 21	0.02	-0.17	13.38	0	0	0
199	SLU 22	0.04	-0.16	12.48	0	0	0
199	SLU 23	0.03	-0.15	12.5	0	0	0
199	SLU 24	0.04	-0.17	12.74	0	0	0
199	SLU 25	0.04	-0.16	12.75	0	0	0
199	SLU 26	0.03	-0.15	12.66	0	0	0
199	SLU 27	0.04	-0.17	12.91	0	0	0
199	SLU 28	0.03	-0.16	12.92	0	0	0
199	SLU 29	0.04	-0.17	12.82	0	0	0
199	SLU 30	0.03	-0.16	12.83	0	0	0
199	SLU 31	0.03	-0.15	13.83	0	0	0
199	SLU 32	0.04	-0.17	14.08	0	0	0
199	SLU 33	0.03	-0.16	14.08	0	0	0
199	SLU 34	0.03	-0.15	13.99	0	0	0
199	SLU 35	0.03	-0.17	14.24	0	0	0
199	SLU 36	0.03	-0.16	14.25	0	0	0
199	SLU 37	0.03	-0.17	14.15	0	0	0
199	SLU 38	0.03	-0.16	14.16	0	0	0
199	SLU 39	0.03	-0.17	14.38	0	0	0
199	SLU 40	0.03	-0.16	14.39	0	0	0
199	SLU 41	0.03	-0.17	14.55	0	0	0
199	SLU 42	0.03	-0.16	14.56	0	0	0
199	SLU 43	0.04	-0.22	14.28	0	0	0
199	SLU 44	0.03	-0.2	14.3	0	0	0
199	SLU 45	0.04	-0.22	14.54	0	0	0
199	SLU 46	0.03	-0.21	14.55	0	0	0
199	SLU 47	0.03	-0.21	14.46	0	0	0
199	SLU 48	0.04	-0.23	14.71	0	0	0
199	SLU 49	0.03	-0.22	14.72	0	0	0
199	SLU 50	0.04	-0.23	14.62	0	0	0
199	SLU 51	0.03	-0.22	14.63	0	0	0
199	SLU 52	0.03	-0.21	15.63	0	0	0
199	SLU 53	0.03	-0.23	15.87	0	0	0
199	SLU 54	0.03	-0.22	15.88	0	0	0
199	SLU 55	0.03	-0.21	15.79	0	0	0
199	SLU 56	0.03	-0.23	16.04	0	0	0
199	SLU 57	0.03	-0.22	16.05	0	0	0
199	SLU 58	0.03	-0.23	15.95	0	0	0
199	SLU 59	0.03	-0.22	15.96	0	0	0
199	SLU 60	0.03	-0.23	16.18	0	0	0
199	SLU 61	0.03	-0.22	16.19	0	0	0
199	SLU 62	0.03	-0.23	16.35	0	0	0
199	SLU 63	0.03	-0.22	16.36	0	0	0
199	SLU 64	0.04	-0.22	15.47	0	0	0
199	SLU 65	0.04	-0.2	15.48	0	0	0
199	SLU 66	0.04	-0.22	15.73	0	0	0
199	SLU 67	0.04	-0.21	15.74	0	0	0
199	SLU 68	0.04	-0.2	15.65	0	0	0
199	SLU 69	0.04	-0.22	15.9	0	0	0
199	SLU 70	0.04	-0.21	15.9	0	0	0
199	SLU 71	0.04	-0.22	15.8	0	0	0
199	SLU 72	0.04	-0.21	15.81	0	0	0
199	SLU 73	0.04	-0.2	16.81	0	0	0
199	SLU 74	0.04	-0.22	17.06	0	0	0
199	SLU 75	0.04	-0.21	17.07	0	0	0
199	SLU 76	0.04	-0.2	16.98	0	0	0
199	SLU 77	0.04	-0.23	17.23	0	0	0
199	SLU 78	0.04	-0.21	17.23	0	0	0
199	SLU 79	0.04	-0.23	17.13	0	0	0
199	SLU 80	0.04	-0.22	17.14	0	0	0
199	SLU 81	0.04	-0.22	17.37	0	0	0
199	SLU 82	0.04	-0.21	17.38	0	0	0
199	SLU 83	0.04	-0.22	17.54	0	0	0
199	SLU 84	0.04	-0.21	17.54	0	0	0
199	SLE RA 1	0.03	-0.17	11.64	0	0	0
199	SLE RA 2	0.03	-0.16	11.65	0	0	0
199	SLE RA 3	0.03	-0.17	11.81	0	0	0
199	SLE RA 4	0.03	-0.16	11.82	0	0	0
199	SLE RA 5	0.03	-0.16	11.76	0	0	0
199	SLE RA 6	0.03	-0.17	11.92	0	0	0
199	SLE RA 7	0.03	-0.16	11.93	0	0	0
199	SLE RA 8	0.03	-0.17	11.86	0	0	0
199	SLE RA 9	0.03	-0.16	11.87	0	0	0
199	SLE RA 10	0.03	-0.16	12.53	0	0	0
199	SLE RA 11	0.03	-0.17	12.7	0	0	0
199	SLE RA 12	0.03	-0.16	12.7	0	0	0
199	SLE RA 13	0.03	-0.16	12.64	0	0	0
199	SLE RA 14	0.03	-0.17	12.81	0	0	0
199	SLE RA 15	0.03	-0.17	12.82	0	0	0
199	SLE RA 16	0.03	-0.17	12.75	0	0	0
199	SLE RA 17	0.03	-0.17	12.75	0	0	0
199	SLE RA 18	0.03	-0.17	12.9	0	0	0
199	SLE RA 19	0.03	-0.16	12.91	0	0	0
199	SLE RA 20	0.03	-0.17	13.02	0	0	0
199	SLE RA 21	0.03	-0.17	13.02	0	0	0
199	SLE FR 1	0.03	-0.17	11.64	0	0	0
199	SLE FR 2	0.03	-0.16	11.64	0	0	0
199	SLE FR 3	0.03	-0.17	11.68	0	0	0
199	SLE FR 4	0.03	-0.17	12.02	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
199	SLE FR 5	0.03	-0.17	12.06	0	0	0
199	SLE FR 6	0.03	-0.17	12.27	0	0	0
199	SLE QP 1	0.03	-0.17	11.64	0	0	0
199	SLE QP 2	0.03	-0.17	12.02	0	0	0
199	SLD 1	1.04	0.06	11.35	0	0	0
199	SLD 2	1.14	0.11	11.42	0	0	0
199	SLD 3	1.02	-0.2	10.98	0	0	0
199	SLD 4	1.13	-0.15	11.04	0	0	0
199	SLD 5	0.33	0.28	12.38	0	0	0
199	SLD 6	0.4	0.31	12.42	0	0	0
199	SLD 7	0.29	-0.57	11.12	0	0	0
199	SLD 8	0.36	-0.54	11.17	0	0	0
199	SLD 9	-0.3	0.21	12.87	0	0	0
199	SLD 10	-0.23	0.24	12.91	0	0	0
199	SLD 11	-0.34	-0.65	11.61	0	0	0
199	SLD 12	-0.27	-0.62	11.66	0	0	0
199	SLD 13	-1.06	-0.19	12.99	0	0	0
199	SLD 14	-0.96	-0.14	13.06	0	0	0
199	SLD 15	-1.08	-0.44	12.61	0	0	0
199	SLD 16	-0.97	-0.4	12.68	0	0	0
199	SLV 1	2.38	0.36	10.45	0	0	0
199	SLV 2	2.63	0.46	10.61	0	0	0
199	SLV 3	2.35	-0.22	9.59	0	0	0
199	SLV 4	2.6	-0.12	9.75	0	0	0
199	SLV 5	0.74	0.85	12.81	0	0	0
199	SLV 6	0.9	0.92	12.92	0	0	0
199	SLV 7	0.64	-1.08	9.97	0	0	0
199	SLV 8	0.8	-1.01	10.07	0	0	0
199	SLV 9	-0.73	0.68	13.96	0	0	0
199	SLV 10	-0.57	0.75	14.07	0	0	0
199	SLV 11	-0.84	-1.26	11.12	0	0	0
199	SLV 12	-0.68	-1.19	11.22	0	0	0
199	SLV 13	-2.53	-0.22	14.28	0	0	0
199	SLV 14	-2.29	-0.11	14.44	0	0	0
199	SLV 15	-2.56	-0.8	13.43	0	0	0
199	SLV 16	-2.32	-0.69	13.59	0	0	0
199	CRTFP Ux+	0	0	0	0	0	0
199	CRTFP Ux-	0	0	0	0	0	0
200	SLU 1	0.03	-0.18	11.35	0	0	0
200	SLU 2	0.03	-0.16	11.36	0	0	0
200	SLU 3	0.03	-0.19	11.61	0	0	0
200	SLU 4	0.03	-0.17	11.62	0	0	0
200	SLU 5	0.03	-0.17	11.53	0	0	0
200	SLU 6	0.03	-0.19	11.78	0	0	0
200	SLU 7	0.03	-0.18	11.79	0	0	0
200	SLU 8	0.03	-0.19	11.69	0	0	0
200	SLU 9	0.03	-0.18	11.69	0	0	0
200	SLU 10	0.02	-0.17	12.69	0	0	0
200	SLU 11	0.03	-0.19	12.94	0	0	0
200	SLU 12	0.03	-0.18	12.95	0	0	0
200	SLU 13	0.02	-0.17	12.86	0	0	0
200	SLU 14	0.03	-0.19	13.11	0	0	0
200	SLU 15	0.03	-0.18	13.12	0	0	0
200	SLU 16	0.03	-0.2	13.02	0	0	0
200	SLU 17	0.02	-0.18	13.03	0	0	0
200	SLU 18	0.03	-0.19	13.25	0	0	0
200	SLU 19	0.02	-0.18	13.26	0	0	0
200	SLU 20	0.03	-0.19	13.42	0	0	0
200	SLU 21	0.02	-0.18	13.43	0	0	0
200	SLU 22	0.04	-0.18	12.54	0	0	0
200	SLU 23	0.03	-0.16	12.55	0	0	0
200	SLU 24	0.04	-0.18	12.8	0	0	0
200	SLU 25	0.04	-0.17	12.81	0	0	0
200	SLU 26	0.03	-0.16	12.72	0	0	0
200	SLU 27	0.04	-0.19	12.97	0	0	0
200	SLU 28	0.04	-0.18	12.98	0	0	0
200	SLU 29	0.04	-0.19	12.88	0	0	0
200	SLU 30	0.03	-0.18	12.89	0	0	0
200	SLU 31	0.03	-0.17	13.89	0	0	0
200	SLU 32	0.04	-0.19	14.14	0	0	0
200	SLU 33	0.03	-0.18	14.14	0	0	0
200	SLU 34	0.03	-0.17	14.06	0	0	0
200	SLU 35	0.04	-0.19	14.31	0	0	0
200	SLU 36	0.03	-0.18	14.31	0	0	0
200	SLU 37	0.03	-0.19	14.21	0	0	0
200	SLU 38	0.03	-0.18	14.22	0	0	0
200	SLU 39	0.03	-0.19	14.45	0	0	0
200	SLU 40	0.03	-0.18	14.45	0	0	0
200	SLU 41	0.03	-0.19	14.62	0	0	0
200	SLU 42	0.03	-0.18	14.62	0	0	0
200	SLU 43	0.04	-0.24	14.34	0	0	0
200	SLU 44	0.03	-0.22	14.35	0	0	0
200	SLU 45	0.04	-0.24	14.61	0	0	0
200	SLU 46	0.04	-0.23	14.61	0	0	0
200	SLU 47	0.03	-0.22	14.52	0	0	0
200	SLU 48	0.04	-0.25	14.77	0	0	0
200	SLU 49	0.03	-0.23	14.78	0	0	0
200	SLU 50	0.04	-0.25	14.68	0	0	0
200	SLU 51	0.03	-0.23	14.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
200	SLU 52	0.03	-0.23	15.69	0	0	0
200	SLU 53	0.04	-0.25	15.94	0	0	0
200	SLU 54	0.03	-0.24	15.95	0	0	0
200	SLU 55	0.03	-0.23	15.86	0	0	0
200	SLU 56	0.03	-0.25	16.11	0	0	0
200	SLU 57	0.03	-0.24	16.11	0	0	0
200	SLU 58	0.03	-0.25	16.02	0	0	0
200	SLU 59	0.03	-0.24	16.02	0	0	0
200	SLU 60	0.03	-0.25	16.25	0	0	0
200	SLU 61	0.03	-0.24	16.26	0	0	0
200	SLU 62	0.03	-0.25	16.42	0	0	0
200	SLU 63	0.03	-0.24	16.42	0	0	0
200	SLU 64	0.04	-0.24	15.54	0	0	0
200	SLU 65	0.04	-0.22	15.55	0	0	0
200	SLU 66	0.04	-0.24	15.8	0	0	0
200	SLU 67	0.04	-0.23	15.81	0	0	0
200	SLU 68	0.04	-0.22	15.72	0	0	0
200	SLU 69	0.04	-0.24	15.97	0	0	0
200	SLU 70	0.04	-0.23	15.97	0	0	0
200	SLU 71	0.04	-0.24	15.87	0	0	0
200	SLU 72	0.04	-0.23	15.88	0	0	0
200	SLU 73	0.04	-0.22	16.88	0	0	0
200	SLU 74	0.04	-0.24	17.13	0	0	0
200	SLU 75	0.04	-0.23	17.14	0	0	0
200	SLU 76	0.04	-0.23	17.05	0	0	0
200	SLU 77	0.04	-0.25	17.3	0	0	0
200	SLU 78	0.04	-0.24	17.31	0	0	0
200	SLU 79	0.04	-0.25	17.21	0	0	0
200	SLU 80	0.04	-0.24	17.21	0	0	0
200	SLU 81	0.04	-0.24	17.44	0	0	0
200	SLU 82	0.04	-0.23	17.45	0	0	0
200	SLU 83	0.04	-0.25	17.61	0	0	0
200	SLU 84	0.04	-0.24	17.62	0	0	0
200	SLE RA 1	0.03	-0.18	11.69	0	0	0
200	SLE RA 2	0.03	-0.17	11.7	0	0	0
200	SLE RA 3	0.03	-0.18	11.86	0	0	0
200	SLE RA 4	0.03	-0.18	11.87	0	0	0
200	SLE RA 5	0.03	-0.17	11.81	0	0	0
200	SLE RA 6	0.03	-0.19	11.98	0	0	0
200	SLE RA 7	0.03	-0.18	11.98	0	0	0
200	SLE RA 8	0.03	-0.19	11.91	0	0	0
200	SLE RA 9	0.03	-0.18	11.92	0	0	0
200	SLE RA 10	0.03	-0.17	12.59	0	0	0
200	SLE RA 11	0.03	-0.19	12.75	0	0	0
200	SLE RA 12	0.03	-0.18	12.76	0	0	0
200	SLE RA 13	0.03	-0.18	12.7	0	0	0
200	SLE RA 14	0.03	-0.19	12.87	0	0	0
200	SLE RA 15	0.03	-0.18	12.87	0	0	0
200	SLE RA 16	0.03	-0.19	12.8	0	0	0
200	SLE RA 17	0.03	-0.18	12.81	0	0	0
200	SLE RA 18	0.03	-0.19	12.96	0	0	0
200	SLE RA 19	0.03	-0.18	12.96	0	0	0
200	SLE RA 20	0.03	-0.19	13.07	0	0	0
200	SLE RA 21	0.03	-0.18	13.08	0	0	0
200	SLE FR 1	0.03	-0.18	11.69	0	0	0
200	SLE FR 2	0.03	-0.18	11.69	0	0	0
200	SLE FR 3	0.03	-0.18	11.73	0	0	0
200	SLE FR 4	0.03	-0.18	12.07	0	0	0
200	SLE FR 5	0.03	-0.18	12.12	0	0	0
200	SLE FR 6	0.03	-0.18	12.32	0	0	0
200	SLE QP 1	0.03	-0.18	11.69	0	0	0
200	SLE QP 2	0.03	-0.18	12.07	0	0	0
200	SLD 1	1.03	0.06	11.31	0	0	0
200	SLD 2	1.13	0.11	11.38	0	0	0
200	SLD 3	1.01	-0.2	10.93	0	0	0
200	SLD 4	1.12	-0.15	11	0	0	0
200	SLD 5	0.33	0.26	12.41	0	0	0
200	SLD 6	0.4	0.3	12.45	0	0	0
200	SLD 7	0.29	-0.58	11.14	0	0	0
200	SLD 8	0.36	-0.55	11.19	0	0	0
200	SLD 9	-0.29	0.18	12.95	0	0	0
200	SLD 10	-0.22	0.21	13	0	0	0
200	SLD 11	-0.34	-0.66	11.69	0	0	0
200	SLD 12	-0.27	-0.63	11.74	0	0	0
200	SLD 13	-1.06	-0.22	13.14	0	0	0
200	SLD 14	-0.95	-0.17	13.21	0	0	0
200	SLD 15	-1.07	-0.47	12.76	0	0	0
200	SLD 16	-0.96	-0.42	12.83	0	0	0
200	SLV 1	2.36	0.37	10.28	0	0	0
200	SLV 2	2.61	0.48	10.44	0	0	0
200	SLV 3	2.33	-0.2	9.41	0	0	0
200	SLV 4	2.58	-0.09	9.58	0	0	0
200	SLV 5	0.74	0.83	12.81	0	0	0
200	SLV 6	0.9	0.9	12.92	0	0	0
200	SLV 7	0.63	-1.08	9.94	0	0	0
200	SLV 8	0.79	-1	10.05	0	0	0
200	SLV 9	-0.73	0.64	14.09	0	0	0
200	SLV 10	-0.57	0.71	14.2	0	0	0
200	SLV 11	-0.83	-1.27	11.22	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
200	SLV 12	-0.67	-1.2	11.33	0	0	0
200	SLV 13	-2.51	-0.28	14.56	0	0	0
200	SLV 14	-2.27	-0.16	14.73	0	0	0
200	SLV 15	-2.54	-0.85	13.7	0	0	0
200	SLV 16	-2.3	-0.74	13.87	0	0	0
200	CRTFP Ux+	0	0	0	0	0	0
200	CRTFP Ux-	0	0	0	0	0	0
201	SLU 1	0.02	-0.1	5.65	0	0	0
201	SLU 2	0.01	-0.09	5.65	0	0	0
201	SLU 3	0.02	-0.1	5.78	0	0	0
201	SLU 4	0.01	-0.09	5.78	0	0	0
201	SLU 5	0.01	-0.09	5.74	0	0	0
201	SLU 6	0.02	-0.1	5.86	0	0	0
201	SLU 7	0.01	-0.1	5.87	0	0	0
201	SLU 8	0.01	-0.1	5.82	0	0	0
201	SLU 9	0.01	-0.1	5.82	0	0	0
201	SLU 10	0.01	-0.09	6.32	0	0	0
201	SLU 11	0.01	-0.1	6.44	0	0	0
201	SLU 12	0.01	-0.1	6.45	0	0	0
201	SLU 13	0.01	-0.09	6.4	0	0	0
201	SLU 14	0.01	-0.11	6.53	0	0	0
201	SLU 15	0.01	-0.1	6.53	0	0	0
201	SLU 16	0.01	-0.11	6.48	0	0	0
201	SLU 17	0.01	-0.1	6.48	0	0	0
201	SLU 18	0.01	-0.1	6.6	0	0	0
201	SLU 19	0.01	-0.1	6.6	0	0	0
201	SLU 20	0.01	-0.11	6.68	0	0	0
201	SLU 21	0.01	-0.1	6.68	0	0	0
201	SLU 22	0.02	-0.1	6.25	0	0	0
201	SLU 23	0.02	-0.09	6.25	0	0	0
201	SLU 24	0.02	-0.1	6.38	0	0	0
201	SLU 25	0.02	-0.09	6.38	0	0	0
201	SLU 26	0.02	-0.09	6.33	0	0	0
201	SLU 27	0.02	-0.1	6.46	0	0	0
201	SLU 28	0.02	-0.1	6.46	0	0	0
201	SLU 29	0.02	-0.1	6.41	0	0	0
201	SLU 30	0.02	-0.1	6.42	0	0	0
201	SLU 31	0.02	-0.09	6.91	0	0	0
201	SLU 32	0.02	-0.1	7.04	0	0	0
201	SLU 33	0.02	-0.1	7.04	0	0	0
201	SLU 34	0.02	-0.09	7	0	0	0
201	SLU 35	0.02	-0.1	7.12	0	0	0
201	SLU 36	0.02	-0.1	7.13	0	0	0
201	SLU 37	0.02	-0.1	7.08	0	0	0
201	SLU 38	0.02	-0.1	7.08	0	0	0
201	SLU 39	0.02	-0.1	7.19	0	0	0
201	SLU 40	0.02	-0.1	7.2	0	0	0
201	SLU 41	0.02	-0.1	7.28	0	0	0
201	SLU 42	0.02	-0.1	7.28	0	0	0
201	SLU 43	0.02	-0.13	7.14	0	0	0
201	SLU 44	0.02	-0.12	7.14	0	0	0
201	SLU 45	0.02	-0.13	7.27	0	0	0
201	SLU 46	0.02	-0.12	7.27	0	0	0
201	SLU 47	0.02	-0.12	7.23	0	0	0
201	SLU 48	0.02	-0.13	7.35	0	0	0
201	SLU 49	0.02	-0.13	7.36	0	0	0
201	SLU 50	0.02	-0.13	7.31	0	0	0
201	SLU 51	0.02	-0.13	7.31	0	0	0
201	SLU 52	0.02	-0.12	7.81	0	0	0
201	SLU 53	0.02	-0.13	7.93	0	0	0
201	SLU 54	0.02	-0.13	7.94	0	0	0
201	SLU 55	0.01	-0.12	7.89	0	0	0
201	SLU 56	0.02	-0.13	8.02	0	0	0
201	SLU 57	0.02	-0.13	8.02	0	0	0
201	SLU 58	0.02	-0.14	7.97	0	0	0
201	SLU 59	0.02	-0.13	7.97	0	0	0
201	SLU 60	0.02	-0.13	8.09	0	0	0
201	SLU 61	0.02	-0.13	8.09	0	0	0
201	SLU 62	0.02	-0.13	8.17	0	0	0
201	SLU 63	0.02	-0.13	8.17	0	0	0
201	SLU 64	0.02	-0.13	7.74	0	0	0
201	SLU 65	0.02	-0.12	7.74	0	0	0
201	SLU 66	0.02	-0.13	7.87	0	0	0
201	SLU 67	0.02	-0.12	7.87	0	0	0
201	SLU 68	0.02	-0.12	7.82	0	0	0
201	SLU 69	0.02	-0.13	7.95	0	0	0
201	SLU 70	0.02	-0.12	7.95	0	0	0
201	SLU 71	0.02	-0.13	7.9	0	0	0
201	SLU 72	0.02	-0.13	7.91	0	0	0
201	SLU 73	0.02	-0.12	8.4	0	0	0
201	SLU 74	0.02	-0.13	8.53	0	0	0
201	SLU 75	0.02	-0.13	8.53	0	0	0
201	SLU 76	0.02	-0.12	8.49	0	0	0
201	SLU 77	0.02	-0.13	8.61	0	0	0
201	SLU 78	0.02	-0.13	8.62	0	0	0
201	SLU 79	0.02	-0.13	8.57	0	0	0
201	SLU 80	0.02	-0.13	8.57	0	0	0
201	SLU 81	0.02	-0.13	8.68	0	0	0
201	SLU 82	0.02	-0.13	8.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
201	SLU 83	0.02	-0.13	8.77	0	0	0
201	SLU 84	0.02	-0.13	8.77	0	0	0
201	SLE RA 1	0.02	-0.1	5.82	0	0	0
201	SLE RA 2	0.01	-0.09	5.82	0	0	0
201	SLE RA 3	0.02	-0.1	5.91	0	0	0
201	SLE RA 4	0.02	-0.1	5.91	0	0	0
201	SLE RA 5	0.01	-0.09	5.88	0	0	0
201	SLE RA 6	0.02	-0.1	5.96	0	0	0
201	SLE RA 7	0.02	-0.1	5.96	0	0	0
201	SLE RA 8	0.02	-0.1	5.93	0	0	0
201	SLE RA 9	0.02	-0.1	5.93	0	0	0
201	SLE RA 10	0.01	-0.09	6.26	0	0	0
201	SLE RA 11	0.02	-0.1	6.35	0	0	0
201	SLE RA 12	0.01	-0.1	6.35	0	0	0
201	SLE RA 13	0.01	-0.1	6.32	0	0	0
201	SLE RA 14	0.02	-0.1	6.4	0	0	0
201	SLE RA 15	0.01	-0.1	6.41	0	0	0
201	SLE RA 16	0.02	-0.1	6.37	0	0	0
201	SLE RA 17	0.01	-0.1	6.38	0	0	0
201	SLE RA 18	0.01	-0.1	6.45	0	0	0
201	SLE RA 19	0.01	-0.1	6.45	0	0	0
201	SLE RA 20	0.01	-0.1	6.51	0	0	0
201	SLE RA 21	0.01	-0.1	6.51	0	0	0
201	SLE FR 1	0.02	-0.1	5.82	0	0	0
201	SLE FR 2	0.02	-0.1	5.82	0	0	0
201	SLE FR 3	0.02	-0.1	5.84	0	0	0
201	SLE FR 4	0.02	-0.1	6.01	0	0	0
201	SLE FR 5	0.02	-0.1	6.03	0	0	0
201	SLE FR 6	0.02	-0.1	6.14	0	0	0
201	SLE QP 1	0.02	-0.1	5.82	0	0	0
201	SLE QP 2	0.02	-0.1	6.01	0	0	0
201	SLD 1	0.51	0.03	5.58	0	0	0
201	SLD 2	0.56	0.05	5.62	0	0	0
201	SLD 3	0.5	-0.1	5.39	0	0	0
201	SLD 4	0.55	-0.07	5.43	0	0	0
201	SLD 5	0.16	0.12	6.16	0	0	0
201	SLD 6	0.2	0.14	6.19	0	0	0
201	SLD 7	0.14	-0.29	5.53	0	0	0
201	SLD 8	0.17	-0.27	5.55	0	0	0
201	SLD 9	-0.14	0.08	6.46	0	0	0
201	SLD 10	-0.11	0.09	6.49	0	0	0
201	SLD 11	-0.17	-0.34	5.83	0	0	0
201	SLD 12	-0.13	-0.32	5.85	0	0	0
201	SLD 13	-0.52	-0.13	6.59	0	0	0
201	SLD 14	-0.47	-0.1	6.62	0	0	0
201	SLD 15	-0.53	-0.25	6.4	0	0	0
201	SLD 16	-0.47	-0.22	6.43	0	0	0
201	SLV 1	1.16	0.19	5.01	0	0	0
201	SLV 2	1.28	0.25	5.1	0	0	0
201	SLV 3	1.15	-0.09	4.58	0	0	0
201	SLV 4	1.27	-0.03	4.67	0	0	0
201	SLV 5	0.36	0.4	6.35	0	0	0
201	SLV 6	0.44	0.44	6.41	0	0	0
201	SLV 7	0.31	-0.53	4.91	0	0	0
201	SLV 8	0.39	-0.49	4.97	0	0	0
201	SLV 9	-0.36	0.29	7.05	0	0	0
201	SLV 10	-0.28	0.33	7.11	0	0	0
201	SLV 11	-0.41	-0.64	5.61	0	0	0
201	SLV 12	-0.33	-0.6	5.67	0	0	0
201	SLV 13	-1.23	-0.17	7.35	0	0	0
201	SLV 14	-1.11	-0.11	7.44	0	0	0
201	SLV 15	-1.25	-0.45	6.92	0	0	0
201	SLV 16	-1.13	-0.39	7.01	0	0	0
202	SLU 1	-0.06	-0.26	10.37	0	0	0
202	SLU 2	-0.05	-0.24	10.39	0	0	0
202	SLU 3	-0.06	-0.26	10.61	0	0	0
202	SLU 4	-0.06	-0.25	10.62	0	0	0
202	SLU 5	-0.06	-0.25	10.54	0	0	0
202	SLU 6	-0.06	-0.27	10.77	0	0	0
202	SLU 7	-0.06	-0.26	10.77	0	0	0
202	SLU 8	-0.06	-0.27	10.69	0	0	0
202	SLU 9	-0.06	-0.26	10.69	0	0	0
202	SLU 10	-0.05	-0.26	11.59	0	0	0
202	SLU 11	-0.06	-0.28	11.81	0	0	0
202	SLU 12	-0.06	-0.27	11.82	0	0	0
202	SLU 13	-0.05	-0.26	11.74	0	0	0
202	SLU 14	-0.06	-0.28	11.97	0	0	0
202	SLU 15	-0.06	-0.27	11.97	0	0	0
202	SLU 16	-0.06	-0.28	11.89	0	0	0
202	SLU 17	-0.06	-0.27	11.89	0	0	0
202	SLU 18	-0.06	-0.28	12.09	0	0	0
202	SLU 19	-0.06	-0.27	12.1	0	0	0
202	SLU 20	-0.06	-0.29	12.24	0	0	0
202	SLU 21	-0.06	-0.28	12.25	0	0	0
202	SLU 22	-0.07	-0.27	11.44	0	0	0
202	SLU 23	-0.06	-0.25	11.45	0	0	0
202	SLU 24	-0.07	-0.27	11.68	0	0	0
202	SLU 25	-0.06	-0.26	11.69	0	0	0
202	SLU 26	-0.06	-0.25	11.61	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
202	SLU 27	-0.07	-0.27	11.84	0	0	0
202	SLU 28	-0.07	-0.27	11.84	0	0	0
202	SLU 29	-0.07	-0.27	11.76	0	0	0
202	SLU 30	-0.06	-0.26	11.76	0	0	0
202	SLU 31	-0.06	-0.27	12.65	0	0	0
202	SLU 32	-0.07	-0.29	12.88	0	0	0
202	SLU 33	-0.06	-0.28	12.89	0	0	0
202	SLU 34	-0.06	-0.27	12.81	0	0	0
202	SLU 35	-0.07	-0.29	13.04	0	0	0
202	SLU 36	-0.06	-0.28	13.04	0	0	0
202	SLU 37	-0.07	-0.29	12.95	0	0	0
202	SLU 38	-0.06	-0.28	12.96	0	0	0
202	SLU 39	-0.07	-0.29	13.16	0	0	0
202	SLU 40	-0.06	-0.28	13.16	0	0	0
202	SLU 41	-0.07	-0.29	13.31	0	0	0
202	SLU 42	-0.06	-0.28	13.32	0	0	0
202	SLU 43	-0.08	-0.33	13.12	0	0	0
202	SLU 44	-0.07	-0.32	13.13	0	0	0
202	SLU 45	-0.08	-0.34	13.36	0	0	0
202	SLU 46	-0.07	-0.33	13.36	0	0	0
202	SLU 47	-0.07	-0.32	13.29	0	0	0
202	SLU 48	-0.08	-0.34	13.51	0	0	0
202	SLU 49	-0.07	-0.33	13.52	0	0	0
202	SLU 50	-0.08	-0.34	13.43	0	0	0
202	SLU 51	-0.07	-0.33	13.44	0	0	0
202	SLU 52	-0.07	-0.33	14.33	0	0	0
202	SLU 53	-0.08	-0.35	14.56	0	0	0
202	SLU 54	-0.07	-0.34	14.56	0	0	0
202	SLU 55	-0.07	-0.34	14.49	0	0	0
202	SLU 56	-0.08	-0.36	14.71	0	0	0
202	SLU 57	-0.07	-0.35	14.72	0	0	0
202	SLU 58	-0.08	-0.36	14.63	0	0	0
202	SLU 59	-0.07	-0.35	14.64	0	0	0
202	SLU 60	-0.07	-0.36	14.83	0	0	0
202	SLU 61	-0.07	-0.35	14.84	0	0	0
202	SLU 62	-0.08	-0.36	14.99	0	0	0
202	SLU 63	-0.07	-0.35	15	0	0	0
202	SLU 64	-0.08	-0.34	14.19	0	0	0
202	SLU 65	-0.08	-0.33	14.2	0	0	0
202	SLU 66	-0.08	-0.35	14.43	0	0	0
202	SLU 67	-0.08	-0.34	14.43	0	0	0
202	SLU 68	-0.08	-0.33	14.36	0	0	0
202	SLU 69	-0.08	-0.35	14.58	0	0	0
202	SLU 70	-0.08	-0.34	14.59	0	0	0
202	SLU 71	-0.08	-0.35	14.5	0	0	0
202	SLU 72	-0.08	-0.34	14.51	0	0	0
202	SLU 73	-0.08	-0.34	15.4	0	0	0
202	SLU 74	-0.08	-0.36	15.62	0	0	0
202	SLU 75	-0.08	-0.35	15.63	0	0	0
202	SLU 76	-0.08	-0.35	15.56	0	0	0
202	SLU 77	-0.08	-0.37	15.78	0	0	0
202	SLU 78	-0.08	-0.36	15.79	0	0	0
202	SLU 79	-0.08	-0.37	15.7	0	0	0
202	SLU 80	-0.08	-0.36	15.71	0	0	0
202	SLU 81	-0.08	-0.36	15.9	0	0	0
202	SLU 82	-0.08	-0.35	15.91	0	0	0
202	SLU 83	-0.08	-0.37	16.06	0	0	0
202	SLU 84	-0.08	-0.36	16.07	0	0	0
202	SLE RA 1	-0.06	-0.26	10.68	0	0	0
202	SLE RA 2	-0.06	-0.25	10.69	0	0	0
202	SLE RA 3	-0.06	-0.26	10.84	0	0	0
202	SLE RA 4	-0.06	-0.26	10.84	0	0	0
202	SLE RA 5	-0.06	-0.25	10.79	0	0	0
202	SLE RA 6	-0.06	-0.27	10.94	0	0	0
202	SLE RA 7	-0.06	-0.26	10.95	0	0	0
202	SLE RA 8	-0.06	-0.27	10.89	0	0	0
202	SLE RA 9	-0.06	-0.26	10.89	0	0	0
202	SLE RA 10	-0.06	-0.26	11.49	0	0	0
202	SLE RA 11	-0.06	-0.27	11.64	0	0	0
202	SLE RA 12	-0.06	-0.27	11.64	0	0	0
202	SLE RA 13	-0.06	-0.26	11.59	0	0	0
202	SLE RA 14	-0.06	-0.28	11.74	0	0	0
202	SLE RA 15	-0.06	-0.27	11.75	0	0	0
202	SLE RA 16	-0.06	-0.28	11.69	0	0	0
202	SLE RA 17	-0.06	-0.27	11.69	0	0	0
202	SLE RA 18	-0.06	-0.28	11.82	0	0	0
202	SLE RA 19	-0.06	-0.27	11.83	0	0	0
202	SLE RA 20	-0.06	-0.28	11.93	0	0	0
202	SLE RA 21	-0.06	-0.27	11.93	0	0	0
202	SLE FR 1	-0.06	-0.26	10.68	0	0	0
202	SLE FR 2	-0.06	-0.26	10.68	0	0	0
202	SLE FR 3	-0.06	-0.26	10.72	0	0	0
202	SLE FR 4	-0.06	-0.26	11.02	0	0	0
202	SLE FR 5	-0.06	-0.27	11.06	0	0	0
202	SLE FR 6	-0.06	-0.27	11.25	0	0	0
202	SLE QP 1	-0.06	-0.26	10.68	0	0	0
202	SLE QP 2	-0.06	-0.27	11.02	0	0	0
202	SLD 1	0.82	-0.26	11.82	0	0	0
202	SLD 2	0.91	-0.31	11.76	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
202	SLD 3	0.83	-0.5	11.51	0	0	0
202	SLD 4	0.92	-0.54	11.45	0	0	0
202	SLD 5	0.17	0.1	11.75	0	0	0
202	SLD 6	0.23	0.07	11.71	0	0	0
202	SLD 7	0.2	-0.68	10.7	0	0	0
202	SLD 8	0.27	-0.71	10.67	0	0	0
202	SLD 9	-0.39	0.18	11.38	0	0	0
202	SLD 10	-0.33	0.15	11.34	0	0	0
202	SLD 11	-0.36	-0.6	10.34	0	0	0
202	SLD 12	-0.29	-0.63	10.3	0	0	0
202	SLD 13	-1.05	0.01	10.59	0	0	0
202	SLD 14	-0.95	-0.04	10.54	0	0	0
202	SLD 15	-1.04	-0.22	10.28	0	0	0
202	SLD 16	-0.94	-0.27	10.22	0	0	0
202	SLV 1	2	-0.27	12.88	0	0	0
202	SLV 2	2.22	-0.37	12.75	0	0	0
202	SLV 3	2.02	-0.8	12.17	0	0	0
202	SLV 4	2.24	-0.9	12.04	0	0	0
202	SLV 5	0.49	0.56	12.67	0	0	0
202	SLV 6	0.63	0.49	12.59	0	0	0
202	SLV 7	0.56	-1.21	10.32	0	0	0
202	SLV 8	0.7	-1.28	10.23	0	0	0
202	SLV 9	-0.82	0.75	11.81	0	0	0
202	SLV 10	-0.68	0.68	11.73	0	0	0
202	SLV 11	-0.75	-1.02	9.45	0	0	0
202	SLV 12	-0.61	-1.09	9.37	0	0	0
202	SLV 13	-2.36	0.37	10	0	0	0
202	SLV 14	-2.15	0.27	9.88	0	0	0
202	SLV 15	-2.34	-0.16	9.3	0	0	0
202	SLV 16	-2.12	-0.27	9.17	0	0	0
203	SLU 1	-0.06	-0.24	10.66	0	0	0
203	SLU 2	-0.06	-0.23	10.68	0	0	0
203	SLU 3	-0.06	-0.25	10.91	0	0	0
203	SLU 4	-0.06	-0.24	10.91	0	0	0
203	SLU 5	-0.06	-0.23	10.84	0	0	0
203	SLU 6	-0.06	-0.25	11.07	0	0	0
203	SLU 7	-0.06	-0.24	11.08	0	0	0
203	SLU 8	-0.06	-0.25	10.98	0	0	0
203	SLU 9	-0.06	-0.24	10.99	0	0	0
203	SLU 10	-0.06	-0.24	11.91	0	0	0
203	SLU 11	-0.06	-0.26	12.14	0	0	0
203	SLU 12	-0.06	-0.25	12.15	0	0	0
203	SLU 13	-0.06	-0.25	12.07	0	0	0
203	SLU 14	-0.06	-0.27	12.3	0	0	0
203	SLU 15	-0.06	-0.26	12.31	0	0	0
203	SLU 16	-0.06	-0.27	12.22	0	0	0
203	SLU 17	-0.06	-0.26	12.23	0	0	0
203	SLU 18	-0.06	-0.26	12.43	0	0	0
203	SLU 19	-0.06	-0.25	12.44	0	0	0
203	SLU 20	-0.06	-0.27	12.59	0	0	0
203	SLU 21	-0.06	-0.26	12.6	0	0	0
203	SLU 22	-0.07	-0.25	11.76	0	0	0
203	SLU 23	-0.06	-0.23	11.77	0	0	0
203	SLU 24	-0.07	-0.25	12	0	0	0
203	SLU 25	-0.07	-0.24	12.01	0	0	0
203	SLU 26	-0.06	-0.24	11.93	0	0	0
203	SLU 27	-0.07	-0.26	12.16	0	0	0
203	SLU 28	-0.07	-0.25	12.17	0	0	0
203	SLU 29	-0.07	-0.26	12.08	0	0	0
203	SLU 30	-0.07	-0.25	12.09	0	0	0
203	SLU 31	-0.06	-0.25	13.01	0	0	0
203	SLU 32	-0.07	-0.27	13.24	0	0	0
203	SLU 33	-0.07	-0.26	13.24	0	0	0
203	SLU 34	-0.06	-0.25	13.17	0	0	0
203	SLU 35	-0.07	-0.27	13.4	0	0	0
203	SLU 36	-0.07	-0.26	13.4	0	0	0
203	SLU 37	-0.07	-0.27	13.31	0	0	0
203	SLU 38	-0.07	-0.26	13.32	0	0	0
203	SLU 39	-0.07	-0.27	13.52	0	0	0
203	SLU 40	-0.06	-0.26	13.53	0	0	0
203	SLU 41	-0.07	-0.27	13.68	0	0	0
203	SLU 42	-0.07	-0.26	13.69	0	0	0
203	SLU 43	-0.08	-0.32	13.49	0	0	0
203	SLU 44	-0.07	-0.3	13.5	0	0	0
203	SLU 45	-0.08	-0.32	13.73	0	0	0
203	SLU 46	-0.08	-0.31	13.74	0	0	0
203	SLU 47	-0.07	-0.3	13.66	0	0	0
203	SLU 48	-0.08	-0.32	13.89	0	0	0
203	SLU 49	-0.08	-0.31	13.9	0	0	0
203	SLU 50	-0.08	-0.32	13.81	0	0	0
203	SLU 51	-0.08	-0.31	13.82	0	0	0
203	SLU 52	-0.07	-0.31	14.74	0	0	0
203	SLU 53	-0.08	-0.33	14.97	0	0	0
203	SLU 54	-0.08	-0.32	14.97	0	0	0
203	SLU 55	-0.07	-0.32	14.9	0	0	0
203	SLU 56	-0.08	-0.34	15.13	0	0	0
203	SLU 57	-0.08	-0.33	15.13	0	0	0
203	SLU 58	-0.08	-0.34	15.04	0	0	0
203	SLU 59	-0.08	-0.33	15.05	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
203	SLU 60	-0.08	-0.34	15.25	0	0	0
203	SLU 61	-0.07	-0.33	15.26	0	0	0
203	SLU 62	-0.08	-0.34	15.41	0	0	0
203	SLU 63	-0.07	-0.33	15.42	0	0	0
203	SLU 64	-0.08	-0.32	14.58	0	0	0
203	SLU 65	-0.08	-0.3	14.59	0	0	0
203	SLU 66	-0.09	-0.32	14.82	0	0	0
203	SLU 67	-0.08	-0.31	14.83	0	0	0
203	SLU 68	-0.08	-0.31	14.76	0	0	0
203	SLU 69	-0.09	-0.33	14.98	0	0	0
203	SLU 70	-0.08	-0.32	14.99	0	0	0
203	SLU 71	-0.09	-0.33	14.9	0	0	0
203	SLU 72	-0.08	-0.32	14.91	0	0	0
203	SLU 73	-0.08	-0.32	15.83	0	0	0
203	SLU 74	-0.09	-0.34	16.06	0	0	0
203	SLU 75	-0.08	-0.33	16.07	0	0	0
203	SLU 76	-0.08	-0.32	15.99	0	0	0
203	SLU 77	-0.09	-0.34	16.22	0	0	0
203	SLU 78	-0.08	-0.33	16.23	0	0	0
203	SLU 79	-0.09	-0.34	16.14	0	0	0
203	SLU 80	-0.08	-0.33	16.15	0	0	0
203	SLU 81	-0.08	-0.34	16.35	0	0	0
203	SLU 82	-0.08	-0.33	16.35	0	0	0
203	SLU 83	-0.08	-0.34	16.51	0	0	0
203	SLU 84	-0.08	-0.33	16.51	0	0	0
203	SLE RA 1	-0.06	-0.25	10.98	0	0	0
203	SLE RA 2	-0.06	-0.23	10.98	0	0	0
203	SLE RA 3	-0.06	-0.25	11.14	0	0	0
203	SLE RA 4	-0.06	-0.24	11.14	0	0	0
203	SLE RA 5	-0.06	-0.24	11.09	0	0	0
203	SLE RA 6	-0.07	-0.25	11.24	0	0	0
203	SLE RA 7	-0.06	-0.24	11.25	0	0	0
203	SLE RA 8	-0.07	-0.25	11.19	0	0	0
203	SLE RA 9	-0.06	-0.24	11.2	0	0	0
203	SLE RA 10	-0.06	-0.24	11.81	0	0	0
203	SLE RA 11	-0.06	-0.26	11.96	0	0	0
203	SLE RA 12	-0.06	-0.25	11.97	0	0	0
203	SLE RA 13	-0.06	-0.25	11.92	0	0	0
203	SLE RA 14	-0.06	-0.26	12.07	0	0	0
203	SLE RA 15	-0.06	-0.25	12.07	0	0	0
203	SLE RA 16	-0.06	-0.26	12.01	0	0	0
203	SLE RA 17	-0.06	-0.25	12.02	0	0	0
203	SLE RA 18	-0.06	-0.26	12.15	0	0	0
203	SLE RA 19	-0.06	-0.25	12.16	0	0	0
203	SLE RA 20	-0.06	-0.26	12.26	0	0	0
203	SLE RA 21	-0.06	-0.25	12.26	0	0	0
203	SLE FR 1	-0.06	-0.25	10.98	0	0	0
203	SLE FR 2	-0.06	-0.24	10.98	0	0	0
203	SLE FR 3	-0.06	-0.25	11.02	0	0	0
203	SLE FR 4	-0.06	-0.25	11.33	0	0	0
203	SLE FR 5	-0.06	-0.25	11.37	0	0	0
203	SLE FR 6	-0.06	-0.25	11.56	0	0	0
203	SLE QP 1	-0.06	-0.25	10.98	0	0	0
203	SLE QP 2	-0.06	-0.25	11.33	0	0	0
203	SLD 1	0.86	-0.23	12.06	0	0	0
203	SLD 2	0.96	-0.27	12	0	0	0
203	SLD 3	0.87	-0.48	11.74	0	0	0
203	SLD 4	0.97	-0.52	11.68	0	0	0
203	SLD 5	0.18	0.14	12.04	0	0	0
203	SLD 6	0.25	0.11	12.01	0	0	0
203	SLD 7	0.21	-0.68	10.97	0	0	0
203	SLD 8	0.28	-0.71	10.94	0	0	0
203	SLD 9	-0.41	0.21	11.72	0	0	0
203	SLD 10	-0.34	0.19	11.68	0	0	0
203	SLD 11	-0.37	-0.61	10.65	0	0	0
203	SLD 12	-0.31	-0.64	10.62	0	0	0
203	SLD 13	-1.09	0.02	10.98	0	0	0
203	SLD 14	-1	-0.02	10.92	0	0	0
203	SLD 15	-1.08	-0.23	10.65	0	0	0
203	SLD 16	-0.99	-0.27	10.6	0	0	0
203	SLV 1	2.1	-0.21	13.02	0	0	0
203	SLV 2	2.32	-0.31	12.89	0	0	0
203	SLV 3	2.12	-0.77	12.29	0	0	0
203	SLV 4	2.35	-0.87	12.17	0	0	0
203	SLV 5	0.51	0.63	12.96	0	0	0
203	SLV 6	0.66	0.56	12.88	0	0	0
203	SLV 7	0.59	-1.24	10.54	0	0	0
203	SLV 8	0.73	-1.3	10.46	0	0	0
203	SLV 9	-0.86	0.8	12.2	0	0	0
203	SLV 10	-0.71	0.74	12.12	0	0	0
203	SLV 11	-0.78	-1.06	9.78	0	0	0
203	SLV 12	-0.64	-1.13	9.7	0	0	0
203	SLV 13	-2.47	0.37	10.49	0	0	0
203	SLV 14	-2.25	0.27	10.36	0	0	0
203	SLV 15	-2.45	-0.19	9.76	0	0	0
203	SLV 16	-2.22	-0.29	9.64	0	0	0
204	SLU 1	-0.06	-0.23	10.94	0	0	0
204	SLU 2	-0.06	-0.21	10.96	0	0	0
204	SLU 3	-0.06	-0.23	11.19	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
204	SLU 4	-0.06	-0.22	11.2	0	0	0
204	SLU 5	-0.06	-0.21	11.12	0	0	0
204	SLU 6	-0.06	-0.23	11.36	0	0	0
204	SLU 7	-0.06	-0.22	11.37	0	0	0
204	SLU 8	-0.06	-0.23	11.27	0	0	0
204	SLU 9	-0.06	-0.22	11.28	0	0	0
204	SLU 10	-0.06	-0.22	12.23	0	0	0
204	SLU 11	-0.06	-0.24	12.46	0	0	0
204	SLU 12	-0.06	-0.23	12.47	0	0	0
204	SLU 13	-0.06	-0.23	12.4	0	0	0
204	SLU 14	-0.06	-0.24	12.63	0	0	0
204	SLU 15	-0.06	-0.24	12.64	0	0	0
204	SLU 16	-0.06	-0.25	12.54	0	0	0
204	SLU 17	-0.06	-0.24	12.55	0	0	0
204	SLU 18	-0.06	-0.24	12.76	0	0	0
204	SLU 19	-0.06	-0.23	12.77	0	0	0
204	SLU 20	-0.06	-0.25	12.92	0	0	0
204	SLU 21	-0.06	-0.24	12.93	0	0	0
204	SLU 22	-0.07	-0.23	12.06	0	0	0
204	SLU 23	-0.06	-0.21	12.08	0	0	0
204	SLU 24	-0.07	-0.23	12.31	0	0	0
204	SLU 25	-0.07	-0.22	12.32	0	0	0
204	SLU 26	-0.06	-0.22	12.24	0	0	0
204	SLU 27	-0.07	-0.23	12.48	0	0	0
204	SLU 28	-0.07	-0.23	12.49	0	0	0
204	SLU 29	-0.07	-0.24	12.39	0	0	0
204	SLU 30	-0.07	-0.23	12.4	0	0	0
204	SLU 31	-0.06	-0.22	13.35	0	0	0
204	SLU 32	-0.07	-0.24	13.58	0	0	0
204	SLU 33	-0.07	-0.23	13.59	0	0	0
204	SLU 34	-0.06	-0.23	13.51	0	0	0
204	SLU 35	-0.07	-0.25	13.75	0	0	0
204	SLU 36	-0.07	-0.24	13.76	0	0	0
204	SLU 37	-0.07	-0.25	13.66	0	0	0
204	SLU 38	-0.07	-0.24	13.67	0	0	0
204	SLU 39	-0.07	-0.24	13.88	0	0	0
204	SLU 40	-0.06	-0.24	13.89	0	0	0
204	SLU 41	-0.07	-0.25	14.04	0	0	0
204	SLU 42	-0.07	-0.24	14.05	0	0	0
204	SLU 43	-0.08	-0.29	13.84	0	0	0
204	SLU 44	-0.07	-0.28	13.86	0	0	0
204	SLU 45	-0.08	-0.3	14.09	0	0	0
204	SLU 46	-0.08	-0.29	14.1	0	0	0
204	SLU 47	-0.07	-0.28	14.02	0	0	0
204	SLU 48	-0.08	-0.3	14.26	0	0	0
204	SLU 49	-0.08	-0.29	14.27	0	0	0
204	SLU 50	-0.08	-0.3	14.17	0	0	0
204	SLU 51	-0.08	-0.29	14.18	0	0	0
204	SLU 52	-0.07	-0.29	15.13	0	0	0
204	SLU 53	-0.08	-0.31	15.36	0	0	0
204	SLU 54	-0.08	-0.3	15.37	0	0	0
204	SLU 55	-0.07	-0.29	15.29	0	0	0
204	SLU 56	-0.08	-0.31	15.53	0	0	0
204	SLU 57	-0.08	-0.3	15.54	0	0	0
204	SLU 58	-0.08	-0.31	15.44	0	0	0
204	SLU 59	-0.08	-0.3	15.45	0	0	0
204	SLU 60	-0.08	-0.31	15.66	0	0	0
204	SLU 61	-0.07	-0.3	15.67	0	0	0
204	SLU 62	-0.08	-0.31	15.82	0	0	0
204	SLU 63	-0.07	-0.31	15.83	0	0	0
204	SLU 64	-0.09	-0.3	14.96	0	0	0
204	SLU 65	-0.08	-0.28	14.98	0	0	0
204	SLU 66	-0.09	-0.3	15.21	0	0	0
204	SLU 67	-0.08	-0.29	15.22	0	0	0
204	SLU 68	-0.08	-0.28	15.14	0	0	0
204	SLU 69	-0.09	-0.3	15.37	0	0	0
204	SLU 70	-0.08	-0.29	15.38	0	0	0
204	SLU 71	-0.09	-0.3	15.29	0	0	0
204	SLU 72	-0.08	-0.29	15.3	0	0	0
204	SLU 73	-0.08	-0.29	16.25	0	0	0
204	SLU 74	-0.09	-0.31	16.48	0	0	0
204	SLU 75	-0.08	-0.3	16.49	0	0	0
204	SLU 76	-0.08	-0.3	16.41	0	0	0
204	SLU 77	-0.09	-0.31	16.65	0	0	0
204	SLU 78	-0.08	-0.3	16.66	0	0	0
204	SLU 79	-0.09	-0.31	16.56	0	0	0
204	SLU 80	-0.08	-0.3	16.57	0	0	0
204	SLU 81	-0.08	-0.31	16.78	0	0	0
204	SLU 82	-0.08	-0.3	16.79	0	0	0
204	SLU 83	-0.09	-0.32	16.94	0	0	0
204	SLU 84	-0.08	-0.31	16.95	0	0	0
204	SLE RA 1	-0.06	-0.23	11.26	0	0	0
204	SLE RA 2	-0.06	-0.22	11.27	0	0	0
204	SLE RA 3	-0.07	-0.23	11.43	0	0	0
204	SLE RA 4	-0.06	-0.22	11.43	0	0	0
204	SLE RA 5	-0.06	-0.22	11.38	0	0	0
204	SLE RA 6	-0.07	-0.23	11.54	0	0	0
204	SLE RA 7	-0.06	-0.23	11.54	0	0	0
204	SLE RA 8	-0.07	-0.23	11.48	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
204	SLE RA 9	-0.06	-0.23	11.49	0	0	0
204	SLE RA 10	-0.06	-0.22	12.12	0	0	0
204	SLE RA 11	-0.06	-0.24	12.28	0	0	0
204	SLE RA 12	-0.06	-0.23	12.28	0	0	0
204	SLE RA 13	-0.06	-0.23	12.23	0	0	0
204	SLE RA 14	-0.07	-0.24	12.39	0	0	0
204	SLE RA 15	-0.06	-0.23	12.39	0	0	0
204	SLE RA 16	-0.06	-0.24	12.33	0	0	0
204	SLE RA 17	-0.06	-0.23	12.34	0	0	0
204	SLE RA 18	-0.06	-0.24	12.47	0	0	0
204	SLE RA 19	-0.06	-0.23	12.48	0	0	0
204	SLE RA 20	-0.06	-0.24	12.58	0	0	0
204	SLE RA 21	-0.06	-0.23	12.59	0	0	0
204	SLE FR 1	-0.06	-0.23	11.26	0	0	0
204	SLE FR 2	-0.06	-0.23	11.26	0	0	0
204	SLE FR 3	-0.06	-0.23	11.31	0	0	0
204	SLE FR 4	-0.06	-0.23	11.63	0	0	0
204	SLE FR 5	-0.06	-0.23	11.67	0	0	0
204	SLE FR 6	-0.06	-0.23	11.87	0	0	0
204	SLE QP 1	-0.06	-0.23	11.26	0	0	0
204	SLE QP 2	-0.06	-0.23	11.63	0	0	0
204	SLD 1	0.9	-0.19	12.27	0	0	0
204	SLD 2	1	-0.23	12.22	0	0	0
204	SLD 3	0.91	-0.45	11.94	0	0	0
204	SLD 4	1.01	-0.49	11.89	0	0	0
204	SLD 5	0.19	0.18	12.33	0	0	0
204	SLD 6	0.26	0.15	12.29	0	0	0
204	SLD 7	0.23	-0.68	11.23	0	0	0
204	SLD 8	0.29	-0.71	11.2	0	0	0
204	SLD 9	-0.42	0.25	12.05	0	0	0
204	SLD 10	-0.35	0.22	12.02	0	0	0
204	SLD 11	-0.39	-0.62	10.96	0	0	0
204	SLD 12	-0.32	-0.64	10.92	0	0	0
204	SLD 13	-1.14	0.03	11.36	0	0	0
204	SLD 14	-1.04	-0.01	11.31	0	0	0
204	SLD 15	-1.13	-0.23	11.03	0	0	0
204	SLD 16	-1.03	-0.27	10.98	0	0	0
204	SLV 1	2.19	-0.15	13.12	0	0	0
204	SLV 2	2.43	-0.25	13	0	0	0
204	SLV 3	2.22	-0.74	12.38	0	0	0
204	SLV 4	2.45	-0.84	12.26	0	0	0
204	SLV 5	0.53	0.7	13.22	0	0	0
204	SLV 6	0.69	0.64	13.14	0	0	0
204	SLV 7	0.62	-1.26	10.74	0	0	0
204	SLV 8	0.77	-1.32	10.67	0	0	0
204	SLV 9	-0.9	0.86	12.58	0	0	0
204	SLV 10	-0.74	0.8	12.51	0	0	0
204	SLV 11	-0.82	-1.1	10.11	0	0	0
204	SLV 12	-0.66	-1.16	10.03	0	0	0
204	SLV 13	-2.58	0.38	10.99	0	0	0
204	SLV 14	-2.34	0.28	10.87	0	0	0
204	SLV 15	-2.56	-0.21	10.25	0	0	0
204	SLV 16	-2.32	-0.31	10.13	0	0	0
205	SLU 1	-0.06	-0.2	11.05	0	0	0
205	SLU 2	-0.06	-0.19	11.07	0	0	0
205	SLU 3	-0.06	-0.2	11.31	0	0	0
205	SLU 4	-0.06	-0.2	11.32	0	0	0
205	SLU 5	-0.06	-0.19	11.24	0	0	0
205	SLU 6	-0.06	-0.21	11.47	0	0	0
205	SLU 7	-0.06	-0.2	11.49	0	0	0
205	SLU 8	-0.06	-0.21	11.39	0	0	0
205	SLU 9	-0.06	-0.2	11.4	0	0	0
205	SLU 10	-0.05	-0.2	12.36	0	0	0
205	SLU 11	-0.06	-0.21	12.6	0	0	0
205	SLU 12	-0.06	-0.2	12.61	0	0	0
205	SLU 13	-0.06	-0.2	12.53	0	0	0
205	SLU 14	-0.06	-0.22	12.77	0	0	0
205	SLU 15	-0.06	-0.21	12.78	0	0	0
205	SLU 16	-0.06	-0.22	12.68	0	0	0
205	SLU 17	-0.06	-0.21	12.69	0	0	0
205	SLU 18	-0.06	-0.22	12.9	0	0	0
205	SLU 19	-0.06	-0.21	12.91	0	0	0
205	SLU 20	-0.06	-0.22	13.07	0	0	0
205	SLU 21	-0.06	-0.21	13.08	0	0	0
205	SLU 22	-0.07	-0.2	12.18	0	0	0
205	SLU 23	-0.06	-0.19	12.2	0	0	0
205	SLU 24	-0.07	-0.2	12.44	0	0	0
205	SLU 25	-0.07	-0.19	12.45	0	0	0
205	SLU 26	-0.06	-0.19	12.37	0	0	0
205	SLU 27	-0.07	-0.21	12.6	0	0	0
205	SLU 28	-0.07	-0.2	12.61	0	0	0
205	SLU 29	-0.07	-0.21	12.52	0	0	0
205	SLU 30	-0.07	-0.2	12.53	0	0	0
205	SLU 31	-0.06	-0.19	13.49	0	0	0
205	SLU 32	-0.07	-0.21	13.73	0	0	0
205	SLU 33	-0.06	-0.2	13.74	0	0	0
205	SLU 34	-0.06	-0.2	13.66	0	0	0
205	SLU 35	-0.07	-0.21	13.89	0	0	0
205	SLU 36	-0.07	-0.21	13.91	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
205	SLU 37	-0.07	-0.22	13.81	0	0	0
205	SLU 38	-0.07	-0.21	13.82	0	0	0
205	SLU 39	-0.07	-0.21	14.03	0	0	0
205	SLU 40	-0.06	-0.2	14.04	0	0	0
205	SLU 41	-0.07	-0.22	14.19	0	0	0
205	SLU 42	-0.06	-0.21	14.21	0	0	0
205	SLU 43	-0.08	-0.26	13.98	0	0	0
205	SLU 44	-0.07	-0.25	14	0	0	0
205	SLU 45	-0.08	-0.27	14.24	0	0	0
205	SLU 46	-0.08	-0.26	14.25	0	0	0
205	SLU 47	-0.07	-0.25	14.17	0	0	0
205	SLU 48	-0.08	-0.27	14.4	0	0	0
205	SLU 49	-0.08	-0.26	14.42	0	0	0
205	SLU 50	-0.08	-0.27	14.32	0	0	0
205	SLU 51	-0.08	-0.26	14.33	0	0	0
205	SLU 52	-0.07	-0.26	15.29	0	0	0
205	SLU 53	-0.08	-0.28	15.53	0	0	0
205	SLU 54	-0.07	-0.27	15.54	0	0	0
205	SLU 55	-0.07	-0.26	15.46	0	0	0
205	SLU 56	-0.08	-0.28	15.7	0	0	0
205	SLU 57	-0.08	-0.27	15.71	0	0	0
205	SLU 58	-0.08	-0.28	15.61	0	0	0
205	SLU 59	-0.07	-0.27	15.62	0	0	0
205	SLU 60	-0.08	-0.28	15.83	0	0	0
205	SLU 61	-0.07	-0.27	15.84	0	0	0
205	SLU 62	-0.08	-0.28	16	0	0	0
205	SLU 63	-0.07	-0.27	16.01	0	0	0
205	SLU 64	-0.08	-0.26	15.11	0	0	0
205	SLU 65	-0.08	-0.25	15.13	0	0	0
205	SLU 66	-0.09	-0.26	15.37	0	0	0
205	SLU 67	-0.08	-0.26	15.38	0	0	0
205	SLU 68	-0.08	-0.25	15.3	0	0	0
205	SLU 69	-0.09	-0.27	15.53	0	0	0
205	SLU 70	-0.08	-0.26	15.54	0	0	0
205	SLU 71	-0.09	-0.27	15.45	0	0	0
205	SLU 72	-0.08	-0.26	15.46	0	0	0
205	SLU 73	-0.08	-0.26	16.42	0	0	0
205	SLU 74	-0.08	-0.27	16.66	0	0	0
205	SLU 75	-0.08	-0.26	16.67	0	0	0
205	SLU 76	-0.08	-0.26	16.59	0	0	0
205	SLU 77	-0.09	-0.28	16.82	0	0	0
205	SLU 78	-0.08	-0.27	16.83	0	0	0
205	SLU 79	-0.08	-0.28	16.74	0	0	0
205	SLU 80	-0.08	-0.27	16.75	0	0	0
205	SLU 81	-0.08	-0.27	16.96	0	0	0
205	SLU 82	-0.08	-0.27	16.97	0	0	0
205	SLU 83	-0.08	-0.28	17.12	0	0	0
205	SLU 84	-0.08	-0.27	17.14	0	0	0
205	SLE RA 1	-0.06	-0.2	11.38	0	0	0
205	SLE RA 2	-0.06	-0.19	11.39	0	0	0
205	SLE RA 3	-0.06	-0.2	11.55	0	0	0
205	SLE RA 4	-0.06	-0.2	11.55	0	0	0
205	SLE RA 5	-0.06	-0.19	11.5	0	0	0
205	SLE RA 6	-0.06	-0.21	11.66	0	0	0
205	SLE RA 7	-0.06	-0.2	11.66	0	0	0
205	SLE RA 8	-0.06	-0.21	11.6	0	0	0
205	SLE RA 9	-0.06	-0.2	11.61	0	0	0
205	SLE RA 10	-0.06	-0.2	12.25	0	0	0
205	SLE RA 11	-0.06	-0.21	12.41	0	0	0
205	SLE RA 12	-0.06	-0.2	12.41	0	0	0
205	SLE RA 13	-0.06	-0.2	12.36	0	0	0
205	SLE RA 14	-0.06	-0.21	12.52	0	0	0
205	SLE RA 15	-0.06	-0.21	12.53	0	0	0
205	SLE RA 16	-0.06	-0.21	12.46	0	0	0
205	SLE RA 17	-0.06	-0.21	12.47	0	0	0
205	SLE RA 18	-0.06	-0.21	12.61	0	0	0
205	SLE RA 19	-0.06	-0.2	12.61	0	0	0
205	SLE RA 20	-0.06	-0.21	12.72	0	0	0
205	SLE RA 21	-0.06	-0.21	12.73	0	0	0
205	SLE FR 1	-0.06	-0.2	11.38	0	0	0
205	SLE FR 2	-0.06	-0.2	11.38	0	0	0
205	SLE FR 3	-0.06	-0.2	11.42	0	0	0
205	SLE FR 4	-0.06	-0.2	11.75	0	0	0
205	SLE FR 5	-0.06	-0.21	11.79	0	0	0
205	SLE FR 6	-0.06	-0.21	11.99	0	0	0
205	SLE QP 1	-0.06	-0.2	11.38	0	0	0
205	SLE QP 2	-0.06	-0.2	11.75	0	0	0
205	SLD 1	0.92	-0.15	12.29	0	0	0
205	SLD 2	1.03	-0.19	12.24	0	0	0
205	SLD 3	0.93	-0.42	11.96	0	0	0
205	SLD 4	1.04	-0.45	11.91	0	0	0
205	SLD 5	0.2	0.22	12.42	0	0	0
205	SLD 6	0.27	0.2	12.39	0	0	0
205	SLD 7	0.23	-0.67	11.32	0	0	0
205	SLD 8	0.3	-0.69	11.28	0	0	0
205	SLD 9	-0.43	0.28	12.21	0	0	0
205	SLD 10	-0.36	0.26	12.18	0	0	0
205	SLD 11	-0.39	-0.61	11.1	0	0	0
205	SLD 12	-0.32	-0.63	11.07	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
205	SLD 13	-1.16	0.04	11.58	0	0	0
205	SLD 14	-1.06	0.01	11.53	0	0	0
205	SLD 15	-1.15	-0.22	11.25	0	0	0
205	SLD 16	-1.05	-0.26	11.2	0	0	0
205	SLV 1	2.24	-0.08	13.01	0	0	0
205	SLV 2	2.49	-0.17	12.9	0	0	0
205	SLV 3	2.27	-0.69	12.26	0	0	0
205	SLV 4	2.51	-0.78	12.15	0	0	0
205	SLV 5	0.55	0.76	13.28	0	0	0
205	SLV 6	0.71	0.71	13.21	0	0	0
205	SLV 7	0.63	-1.25	10.78	0	0	0
205	SLV 8	0.79	-1.31	10.71	0	0	0
205	SLV 9	-0.91	0.9	12.79	0	0	0
205	SLV 10	-0.76	0.84	12.71	0	0	0
205	SLV 11	-0.83	-1.12	10.28	0	0	0
205	SLV 12	-0.68	-1.17	10.21	0	0	0
205	SLV 13	-2.64	0.37	11.35	0	0	0
205	SLV 14	-2.39	0.28	11.23	0	0	0
205	SLV 15	-2.61	-0.24	10.59	0	0	0
205	SLV 16	-2.37	-0.32	10.48	0	0	0
206	SLU 1	-0.06	-0.17	11.11	0	0	0
206	SLU 2	-0.05	-0.16	11.13	0	0	0
206	SLU 3	-0.06	-0.18	11.37	0	0	0
206	SLU 4	-0.06	-0.17	11.38	0	0	0
206	SLU 5	-0.06	-0.16	11.3	0	0	0
206	SLU 6	-0.06	-0.18	11.53	0	0	0
206	SLU 7	-0.06	-0.17	11.55	0	0	0
206	SLU 8	-0.06	-0.18	11.45	0	0	0
206	SLU 9	-0.06	-0.17	11.46	0	0	0
206	SLU 10	-0.05	-0.17	12.44	0	0	0
206	SLU 11	-0.06	-0.18	12.67	0	0	0
206	SLU 12	-0.06	-0.17	12.68	0	0	0
206	SLU 13	-0.05	-0.17	12.61	0	0	0
206	SLU 14	-0.06	-0.18	12.84	0	0	0
206	SLU 15	-0.06	-0.18	12.85	0	0	0
206	SLU 16	-0.06	-0.19	12.75	0	0	0
206	SLU 17	-0.06	-0.18	12.77	0	0	0
206	SLU 18	-0.06	-0.18	12.98	0	0	0
206	SLU 19	-0.05	-0.17	12.99	0	0	0
206	SLU 20	-0.06	-0.19	13.14	0	0	0
206	SLU 21	-0.06	-0.18	13.16	0	0	0
206	SLU 22	-0.07	-0.17	12.24	0	0	0
206	SLU 23	-0.06	-0.15	12.27	0	0	0
206	SLU 24	-0.07	-0.17	12.5	0	0	0
206	SLU 25	-0.06	-0.16	12.51	0	0	0
206	SLU 26	-0.06	-0.16	12.43	0	0	0
206	SLU 27	-0.07	-0.17	12.67	0	0	0
206	SLU 28	-0.07	-0.16	12.68	0	0	0
206	SLU 29	-0.07	-0.17	12.58	0	0	0
206	SLU 30	-0.07	-0.17	12.59	0	0	0
206	SLU 31	-0.06	-0.16	13.57	0	0	0
206	SLU 32	-0.07	-0.18	13.8	0	0	0
206	SLU 33	-0.06	-0.17	13.82	0	0	0
206	SLU 34	-0.06	-0.16	13.74	0	0	0
206	SLU 35	-0.07	-0.18	13.97	0	0	0
206	SLU 36	-0.06	-0.17	13.99	0	0	0
206	SLU 37	-0.07	-0.18	13.89	0	0	0
206	SLU 38	-0.06	-0.17	13.9	0	0	0
206	SLU 39	-0.06	-0.18	14.11	0	0	0
206	SLU 40	-0.06	-0.17	14.12	0	0	0
206	SLU 41	-0.07	-0.18	14.28	0	0	0
206	SLU 42	-0.06	-0.17	14.29	0	0	0
206	SLU 43	-0.08	-0.23	14.05	0	0	0
206	SLU 44	-0.07	-0.22	14.08	0	0	0
206	SLU 45	-0.08	-0.23	14.31	0	0	0
206	SLU 46	-0.07	-0.22	14.32	0	0	0
206	SLU 47	-0.07	-0.22	14.24	0	0	0
206	SLU 48	-0.08	-0.23	14.48	0	0	0
206	SLU 49	-0.07	-0.23	14.49	0	0	0
206	SLU 50	-0.08	-0.23	14.39	0	0	0
206	SLU 51	-0.07	-0.23	14.41	0	0	0
206	SLU 52	-0.07	-0.22	15.38	0	0	0
206	SLU 53	-0.08	-0.24	15.62	0	0	0
206	SLU 54	-0.07	-0.23	15.63	0	0	0
206	SLU 55	-0.07	-0.22	15.55	0	0	0
206	SLU 56	-0.08	-0.24	15.78	0	0	0
206	SLU 57	-0.07	-0.23	15.8	0	0	0
206	SLU 58	-0.08	-0.24	15.7	0	0	0
206	SLU 59	-0.07	-0.23	15.71	0	0	0
206	SLU 60	-0.07	-0.24	15.92	0	0	0
206	SLU 61	-0.07	-0.23	15.93	0	0	0
206	SLU 62	-0.07	-0.24	16.09	0	0	0
206	SLU 63	-0.07	-0.23	16.1	0	0	0
206	SLU 64	-0.08	-0.22	15.19	0	0	0
206	SLU 65	-0.08	-0.21	15.21	0	0	0
206	SLU 66	-0.08	-0.22	15.44	0	0	0
206	SLU 67	-0.08	-0.22	15.46	0	0	0
206	SLU 68	-0.08	-0.21	15.38	0	0	0
206	SLU 69	-0.08	-0.23	15.61	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
206	SLU 70	-0.08	-0.22	15.63	0	0	0
206	SLU 71	-0.08	-0.23	15.53	0	0	0
206	SLU 72	-0.08	-0.22	15.54	0	0	0
206	SLU 73	-0.08	-0.22	16.52	0	0	0
206	SLU 74	-0.08	-0.23	16.75	0	0	0
206	SLU 75	-0.08	-0.22	16.76	0	0	0
206	SLU 76	-0.08	-0.22	16.68	0	0	0
206	SLU 77	-0.08	-0.23	16.92	0	0	0
206	SLU 78	-0.08	-0.22	16.93	0	0	0
206	SLU 79	-0.08	-0.23	16.83	0	0	0
206	SLU 80	-0.08	-0.23	16.84	0	0	0
206	SLU 81	-0.08	-0.23	17.05	0	0	0
206	SLU 82	-0.08	-0.22	17.07	0	0	0
206	SLU 83	-0.08	-0.23	17.22	0	0	0
206	SLU 84	-0.08	-0.23	17.24	0	0	0
206	SLE RA 1	-0.06	-0.17	11.43	0	0	0
206	SLE RA 2	-0.06	-0.16	11.45	0	0	0
206	SLE RA 3	-0.06	-0.17	11.6	0	0	0
206	SLE RA 4	-0.06	-0.17	11.61	0	0	0
206	SLE RA 5	-0.06	-0.17	11.56	0	0	0
206	SLE RA 6	-0.06	-0.18	11.72	0	0	0
206	SLE RA 7	-0.06	-0.17	11.73	0	0	0
206	SLE RA 8	-0.06	-0.18	11.66	0	0	0
206	SLE RA 9	-0.06	-0.17	11.67	0	0	0
206	SLE RA 10	-0.06	-0.17	12.32	0	0	0
206	SLE RA 11	-0.06	-0.18	12.47	0	0	0
206	SLE RA 12	-0.06	-0.17	12.48	0	0	0
206	SLE RA 13	-0.06	-0.17	12.43	0	0	0
206	SLE RA 14	-0.06	-0.18	12.59	0	0	0
206	SLE RA 15	-0.06	-0.17	12.6	0	0	0
206	SLE RA 16	-0.06	-0.18	12.53	0	0	0
206	SLE RA 17	-0.06	-0.17	12.54	0	0	0
206	SLE RA 18	-0.06	-0.18	12.68	0	0	0
206	SLE RA 19	-0.06	-0.17	12.69	0	0	0
206	SLE RA 20	-0.06	-0.18	12.79	0	0	0
206	SLE RA 21	-0.06	-0.17	12.8	0	0	0
206	SLE FR 1	-0.06	-0.17	11.43	0	0	0
206	SLE FR 2	-0.06	-0.17	11.44	0	0	0
206	SLE FR 3	-0.06	-0.17	11.48	0	0	0
206	SLE FR 4	-0.06	-0.17	11.81	0	0	0
206	SLE FR 5	-0.06	-0.18	11.85	0	0	0
206	SLE FR 6	-0.06	-0.18	12.06	0	0	0
206	SLE QP 1	-0.06	-0.17	11.43	0	0	0
206	SLE QP 2	-0.06	-0.17	11.81	0	0	0
206	SLD 1	0.93	-0.1	12.25	0	0	0
206	SLD 2	1.04	-0.13	12.2	0	0	0
206	SLD 3	0.94	-0.37	11.91	0	0	0
206	SLD 4	1.05	-0.41	11.87	0	0	0
206	SLD 5	0.2	0.27	12.46	0	0	0
206	SLD 6	0.27	0.24	12.43	0	0	0
206	SLD 7	0.24	-0.64	11.34	0	0	0
206	SLD 8	0.31	-0.66	11.31	0	0	0
206	SLD 9	-0.43	0.31	12.3	0	0	0
206	SLD 10	-0.36	0.29	12.27	0	0	0
206	SLD 11	-0.39	-0.59	11.19	0	0	0
206	SLD 12	-0.33	-0.62	11.16	0	0	0
206	SLD 13	-1.17	0.06	11.74	0	0	0
206	SLD 14	-1.07	0.02	11.7	0	0	0
206	SLD 15	-1.16	-0.22	11.41	0	0	0
206	SLD 16	-1.06	-0.25	11.37	0	0	0
206	SLV 1	2.27	-0.01	12.83	0	0	0
206	SLV 2	2.51	-0.09	12.73	0	0	0
206	SLV 3	2.29	-0.62	12.07	0	0	0
206	SLV 4	2.54	-0.7	11.97	0	0	0
206	SLV 5	0.56	0.82	13.28	0	0	0
206	SLV 6	0.72	0.77	13.21	0	0	0
206	SLV 7	0.64	-1.23	10.76	0	0	0
206	SLV 8	0.8	-1.28	10.69	0	0	0
206	SLV 9	-0.92	0.93	12.93	0	0	0
206	SLV 10	-0.76	0.88	12.86	0	0	0
206	SLV 11	-0.84	-1.12	10.4	0	0	0
206	SLV 12	-0.68	-1.17	10.33	0	0	0
206	SLV 13	-2.66	0.36	11.65	0	0	0
206	SLV 14	-2.41	0.28	11.54	0	0	0
206	SLV 15	-2.63	-0.26	10.89	0	0	0
206	SLV 16	-2.39	-0.34	10.79	0	0	0
207	SLU 1	-0.06	-0.14	11.16	0	0	0
207	SLU 2	-0.05	-0.13	11.19	0	0	0
207	SLU 3	-0.06	-0.15	11.42	0	0	0
207	SLU 4	-0.06	-0.14	11.43	0	0	0
207	SLU 5	-0.05	-0.13	11.36	0	0	0
207	SLU 6	-0.06	-0.15	11.59	0	0	0
207	SLU 7	-0.06	-0.14	11.61	0	0	0
207	SLU 8	-0.06	-0.15	11.5	0	0	0
207	SLU 9	-0.06	-0.14	11.52	0	0	0
207	SLU 10	-0.05	-0.14	12.51	0	0	0
207	SLU 11	-0.06	-0.15	12.74	0	0	0
207	SLU 12	-0.06	-0.14	12.76	0	0	0
207	SLU 13	-0.05	-0.14	12.68	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
207	SLU 14	-0.06	-0.15	12.91	0	0	0
207	SLU 15	-0.06	-0.14	12.93	0	0	0
207	SLU 16	-0.06	-0.15	12.83	0	0	0
207	SLU 17	-0.06	-0.14	12.84	0	0	0
207	SLU 18	-0.06	-0.15	13.05	0	0	0
207	SLU 19	-0.05	-0.14	13.07	0	0	0
207	SLU 20	-0.06	-0.15	13.22	0	0	0
207	SLU 21	-0.05	-0.14	13.24	0	0	0
207	SLU 22	-0.07	-0.13	12.3	0	0	0
207	SLU 23	-0.06	-0.12	12.33	0	0	0
207	SLU 24	-0.07	-0.14	12.56	0	0	0
207	SLU 25	-0.06	-0.13	12.58	0	0	0
207	SLU 26	-0.06	-0.12	12.5	0	0	0
207	SLU 27	-0.07	-0.14	12.73	0	0	0
207	SLU 28	-0.06	-0.13	12.75	0	0	0
207	SLU 29	-0.07	-0.14	12.64	0	0	0
207	SLU 30	-0.06	-0.13	12.66	0	0	0
207	SLU 31	-0.06	-0.12	13.65	0	0	0
207	SLU 32	-0.07	-0.14	13.88	0	0	0
207	SLU 33	-0.06	-0.13	13.9	0	0	0
207	SLU 34	-0.06	-0.13	13.82	0	0	0
207	SLU 35	-0.07	-0.14	14.05	0	0	0
207	SLU 36	-0.06	-0.13	14.07	0	0	0
207	SLU 37	-0.07	-0.14	13.97	0	0	0
207	SLU 38	-0.06	-0.13	13.98	0	0	0
207	SLU 39	-0.06	-0.14	14.19	0	0	0
207	SLU 40	-0.06	-0.13	14.21	0	0	0
207	SLU 41	-0.06	-0.14	14.36	0	0	0
207	SLU 42	-0.06	-0.13	14.38	0	0	0
207	SLU 43	-0.07	-0.19	14.12	0	0	0
207	SLU 44	-0.07	-0.18	14.14	0	0	0
207	SLU 45	-0.08	-0.19	14.38	0	0	0
207	SLU 46	-0.07	-0.18	14.39	0	0	0
207	SLU 47	-0.07	-0.18	14.31	0	0	0
207	SLU 48	-0.08	-0.19	14.55	0	0	0
207	SLU 49	-0.07	-0.19	14.56	0	0	0
207	SLU 50	-0.08	-0.2	14.46	0	0	0
207	SLU 51	-0.07	-0.19	14.48	0	0	0
207	SLU 52	-0.07	-0.18	15.47	0	0	0
207	SLU 53	-0.07	-0.19	15.7	0	0	0
207	SLU 54	-0.07	-0.19	15.71	0	0	0
207	SLU 55	-0.07	-0.18	15.64	0	0	0
207	SLU 56	-0.08	-0.2	15.87	0	0	0
207	SLU 57	-0.07	-0.19	15.88	0	0	0
207	SLU 58	-0.08	-0.2	15.78	0	0	0
207	SLU 59	-0.07	-0.19	15.8	0	0	0
207	SLU 60	-0.07	-0.2	16.01	0	0	0
207	SLU 61	-0.07	-0.19	16.02	0	0	0
207	SLU 62	-0.07	-0.2	16.18	0	0	0
207	SLU 63	-0.07	-0.19	16.19	0	0	0
207	SLU 64	-0.08	-0.18	15.26	0	0	0
207	SLU 65	-0.07	-0.17	15.29	0	0	0
207	SLU 66	-0.08	-0.18	15.52	0	0	0
207	SLU 67	-0.08	-0.17	15.53	0	0	0
207	SLU 68	-0.08	-0.17	15.46	0	0	0
207	SLU 69	-0.08	-0.18	15.69	0	0	0
207	SLU 70	-0.08	-0.18	15.7	0	0	0
207	SLU 71	-0.08	-0.19	15.6	0	0	0
207	SLU 72	-0.08	-0.18	15.62	0	0	0
207	SLU 73	-0.07	-0.17	16.61	0	0	0
207	SLU 74	-0.08	-0.18	16.84	0	0	0
207	SLU 75	-0.08	-0.18	16.86	0	0	0
207	SLU 76	-0.07	-0.17	16.78	0	0	0
207	SLU 77	-0.08	-0.19	17.01	0	0	0
207	SLU 78	-0.08	-0.18	17.03	0	0	0
207	SLU 79	-0.08	-0.19	16.92	0	0	0
207	SLU 80	-0.08	-0.18	16.94	0	0	0
207	SLU 81	-0.08	-0.19	17.15	0	0	0
207	SLU 82	-0.08	-0.18	17.16	0	0	0
207	SLU 83	-0.08	-0.19	17.32	0	0	0
207	SLU 84	-0.08	-0.18	17.33	0	0	0
207	SLE RA 1	-0.06	-0.14	11.49	0	0	0
207	SLE RA 2	-0.06	-0.13	11.5	0	0	0
207	SLE RA 3	-0.06	-0.14	11.66	0	0	0
207	SLE RA 4	-0.06	-0.14	11.67	0	0	0
207	SLE RA 5	-0.06	-0.14	11.62	0	0	0
207	SLE RA 6	-0.06	-0.14	11.77	0	0	0
207	SLE RA 7	-0.06	-0.14	11.78	0	0	0
207	SLE RA 8	-0.06	-0.14	11.72	0	0	0
207	SLE RA 9	-0.06	-0.14	11.73	0	0	0
207	SLE RA 10	-0.06	-0.14	12.39	0	0	0
207	SLE RA 11	-0.06	-0.14	12.54	0	0	0
207	SLE RA 12	-0.06	-0.14	12.55	0	0	0
207	SLE RA 13	-0.06	-0.14	12.5	0	0	0
207	SLE RA 14	-0.06	-0.15	12.66	0	0	0
207	SLE RA 15	-0.06	-0.14	12.67	0	0	0
207	SLE RA 16	-0.06	-0.15	12.6	0	0	0
207	SLE RA 17	-0.06	-0.14	12.61	0	0	0
207	SLE RA 18	-0.06	-0.14	12.75	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
207	SLE RA 19	-0.06	-0.14	12.76	0	0	0
207	SLE RA 20	-0.06	-0.15	12.86	0	0	0
207	SLE RA 21	-0.06	-0.14	12.87	0	0	0
207	SLE FR 1	-0.06	-0.14	11.49	0	0	0
207	SLE FR 2	-0.06	-0.14	11.49	0	0	0
207	SLE FR 3	-0.06	-0.14	11.53	0	0	0
207	SLE FR 4	-0.06	-0.14	11.87	0	0	0
207	SLE FR 5	-0.06	-0.14	11.91	0	0	0
207	SLE FR 6	-0.06	-0.14	12.12	0	0	0
207	SLE QP 1	-0.06	-0.14	11.49	0	0	0
207	SLE QP 2	-0.06	-0.14	11.87	0	0	0
207	SLD 1	0.93	-0.05	12.21	0	0	0
207	SLD 2	1.04	-0.08	12.17	0	0	0
207	SLD 3	0.95	-0.32	11.87	0	0	0
207	SLD 4	1.05	-0.35	11.83	0	0	0
207	SLD 5	0.2	0.31	12.49	0	0	0
207	SLD 6	0.27	0.29	12.46	0	0	0
207	SLD 7	0.24	-0.61	11.36	0	0	0
207	SLD 8	0.31	-0.63	11.34	0	0	0
207	SLD 9	-0.43	0.34	12.4	0	0	0
207	SLD 10	-0.36	0.32	12.37	0	0	0
207	SLD 11	-0.39	-0.57	11.27	0	0	0
207	SLD 12	-0.32	-0.59	11.25	0	0	0
207	SLD 13	-1.17	0.07	11.9	0	0	0
207	SLD 14	-1.07	0.04	11.86	0	0	0
207	SLD 15	-1.16	-0.21	11.57	0	0	0
207	SLD 16	-1.06	-0.24	11.53	0	0	0
207	SLV 1	2.27	0.07	12.65	0	0	0
207	SLV 2	2.51	0	12.55	0	0	0
207	SLV 3	2.29	-0.55	11.88	0	0	0
207	SLV 4	2.54	-0.62	11.79	0	0	0
207	SLV 5	0.56	0.88	13.27	0	0	0
207	SLV 6	0.72	0.83	13.21	0	0	0
207	SLV 7	0.64	-1.2	10.73	0	0	0
207	SLV 8	0.8	-1.24	10.67	0	0	0
207	SLV 9	-0.92	0.95	13.06	0	0	0
207	SLV 10	-0.76	0.91	13	0	0	0
207	SLV 11	-0.84	-1.12	10.52	0	0	0
207	SLV 12	-0.68	-1.16	10.46	0	0	0
207	SLV 13	-2.66	0.34	11.94	0	0	0
207	SLV 14	-2.41	0.27	11.85	0	0	0
207	SLV 15	-2.63	-0.29	11.18	0	0	0
207	SLV 16	-2.39	-0.35	11.09	0	0	0
208	SLU 1	-0.06	-0.11	11.21	0	0	0
208	SLU 2	-0.05	-0.1	11.23	0	0	0
208	SLU 3	-0.06	-0.11	11.47	0	0	0
208	SLU 4	-0.06	-0.11	11.48	0	0	0
208	SLU 5	-0.05	-0.11	11.4	0	0	0
208	SLU 6	-0.06	-0.12	11.64	0	0	0
208	SLU 7	-0.06	-0.11	11.65	0	0	0
208	SLU 8	-0.06	-0.12	11.55	0	0	0
208	SLU 9	-0.06	-0.11	11.57	0	0	0
208	SLU 10	-0.05	-0.1	12.57	0	0	0
208	SLU 11	-0.06	-0.11	12.81	0	0	0
208	SLU 12	-0.05	-0.11	12.82	0	0	0
208	SLU 13	-0.05	-0.11	12.74	0	0	0
208	SLU 14	-0.06	-0.12	12.98	0	0	0
208	SLU 15	-0.06	-0.11	12.99	0	0	0
208	SLU 16	-0.06	-0.12	12.89	0	0	0
208	SLU 17	-0.06	-0.11	12.9	0	0	0
208	SLU 18	-0.06	-0.11	13.12	0	0	0
208	SLU 19	-0.05	-0.11	13.13	0	0	0
208	SLU 20	-0.06	-0.12	13.29	0	0	0
208	SLU 21	-0.05	-0.11	13.31	0	0	0
208	SLU 22	-0.06	-0.1	12.35	0	0	0
208	SLU 23	-0.06	-0.09	12.38	0	0	0
208	SLU 24	-0.07	-0.1	12.61	0	0	0
208	SLU 25	-0.06	-0.09	12.63	0	0	0
208	SLU 26	-0.06	-0.09	12.55	0	0	0
208	SLU 27	-0.07	-0.1	12.79	0	0	0
208	SLU 28	-0.06	-0.1	12.8	0	0	0
208	SLU 29	-0.07	-0.1	12.7	0	0	0
208	SLU 30	-0.06	-0.1	12.71	0	0	0
208	SLU 31	-0.06	-0.09	13.72	0	0	0
208	SLU 32	-0.06	-0.1	13.95	0	0	0
208	SLU 33	-0.06	-0.09	13.97	0	0	0
208	SLU 34	-0.06	-0.09	13.89	0	0	0
208	SLU 35	-0.07	-0.1	14.13	0	0	0
208	SLU 36	-0.06	-0.1	14.14	0	0	0
208	SLU 37	-0.07	-0.1	14.04	0	0	0
208	SLU 38	-0.06	-0.1	14.05	0	0	0
208	SLU 39	-0.06	-0.1	14.27	0	0	0
208	SLU 40	-0.06	-0.09	14.28	0	0	0
208	SLU 41	-0.06	-0.1	14.44	0	0	0
208	SLU 42	-0.06	-0.1	14.46	0	0	0
208	SLU 43	-0.07	-0.15	14.17	0	0	0
208	SLU 44	-0.07	-0.14	14.2	0	0	0
208	SLU 45	-0.07	-0.15	14.43	0	0	0
208	SLU 46	-0.07	-0.15	14.45	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
208	SLU 47	-0.07	-0.14	14.37	0	0	0
208	SLU 48	-0.08	-0.16	14.61	0	0	0
208	SLU 49	-0.07	-0.15	14.62	0	0	0
208	SLU 50	-0.08	-0.16	14.52	0	0	0
208	SLU 51	-0.07	-0.15	14.53	0	0	0
208	SLU 52	-0.07	-0.14	15.54	0	0	0
208	SLU 53	-0.07	-0.15	15.77	0	0	0
208	SLU 54	-0.07	-0.15	15.79	0	0	0
208	SLU 55	-0.07	-0.14	15.71	0	0	0
208	SLU 56	-0.07	-0.16	15.95	0	0	0
208	SLU 57	-0.07	-0.15	15.96	0	0	0
208	SLU 58	-0.07	-0.16	15.86	0	0	0
208	SLU 59	-0.07	-0.15	15.87	0	0	0
208	SLU 60	-0.07	-0.15	16.09	0	0	0
208	SLU 61	-0.07	-0.15	16.1	0	0	0
208	SLU 62	-0.07	-0.16	16.26	0	0	0
208	SLU 63	-0.07	-0.15	16.27	0	0	0
208	SLU 64	-0.08	-0.14	15.32	0	0	0
208	SLU 65	-0.07	-0.13	15.35	0	0	0
208	SLU 66	-0.08	-0.14	15.58	0	0	0
208	SLU 67	-0.08	-0.13	15.6	0	0	0
208	SLU 68	-0.07	-0.13	15.52	0	0	0
208	SLU 69	-0.08	-0.14	15.75	0	0	0
208	SLU 70	-0.08	-0.14	15.77	0	0	0
208	SLU 71	-0.08	-0.14	15.67	0	0	0
208	SLU 72	-0.08	-0.14	15.68	0	0	0
208	SLU 73	-0.07	-0.13	16.69	0	0	0
208	SLU 74	-0.08	-0.14	16.92	0	0	0
208	SLU 75	-0.08	-0.13	16.94	0	0	0
208	SLU 76	-0.07	-0.13	16.86	0	0	0
208	SLU 77	-0.08	-0.14	17.09	0	0	0
208	SLU 78	-0.08	-0.13	17.11	0	0	0
208	SLU 79	-0.08	-0.14	17.01	0	0	0
208	SLU 80	-0.08	-0.14	17.02	0	0	0
208	SLU 81	-0.08	-0.14	17.24	0	0	0
208	SLU 82	-0.07	-0.13	17.25	0	0	0
208	SLU 83	-0.08	-0.14	17.41	0	0	0
208	SLU 84	-0.08	-0.13	17.42	0	0	0
208	SLE RA 1	-0.06	-0.11	11.53	0	0	0
208	SLE RA 2	-0.06	-0.1	11.55	0	0	0
208	SLE RA 3	-0.06	-0.11	11.71	0	0	0
208	SLE RA 4	-0.06	-0.11	11.72	0	0	0
208	SLE RA 5	-0.06	-0.1	11.67	0	0	0
208	SLE RA 6	-0.06	-0.11	11.82	0	0	0
208	SLE RA 7	-0.06	-0.11	11.83	0	0	0
208	SLE RA 8	-0.06	-0.11	11.76	0	0	0
208	SLE RA 9	-0.06	-0.11	11.77	0	0	0
208	SLE RA 10	-0.06	-0.1	12.44	0	0	0
208	SLE RA 11	-0.06	-0.11	12.6	0	0	0
208	SLE RA 12	-0.06	-0.11	12.61	0	0	0
208	SLE RA 13	-0.06	-0.1	12.56	0	0	0
208	SLE RA 14	-0.06	-0.11	12.72	0	0	0
208	SLE RA 15	-0.06	-0.11	12.73	0	0	0
208	SLE RA 16	-0.06	-0.11	12.66	0	0	0
208	SLE RA 17	-0.06	-0.11	12.67	0	0	0
208	SLE RA 18	-0.06	-0.11	12.81	0	0	0
208	SLE RA 19	-0.06	-0.11	12.82	0	0	0
208	SLE RA 20	-0.06	-0.11	12.92	0	0	0
208	SLE RA 21	-0.06	-0.11	12.93	0	0	0
208	SLE FR 1	-0.06	-0.11	11.53	0	0	0
208	SLE FR 2	-0.06	-0.11	11.54	0	0	0
208	SLE FR 3	-0.06	-0.11	11.58	0	0	0
208	SLE FR 4	-0.06	-0.11	11.92	0	0	0
208	SLE FR 5	-0.06	-0.11	11.96	0	0	0
208	SLE FR 6	-0.06	-0.11	12.17	0	0	0
208	SLE QP 1	-0.06	-0.11	11.53	0	0	0
208	SLE QP 2	-0.06	-0.11	11.92	0	0	0
208	SLD 1	0.93	0	12.16	0	0	0
208	SLD 2	1.03	-0.02	12.13	0	0	0
208	SLD 3	0.94	-0.27	11.82	0	0	0
208	SLD 4	1.04	-0.3	11.79	0	0	0
208	SLD 5	0.2	0.34	12.51	0	0	0
208	SLD 6	0.27	0.33	12.49	0	0	0
208	SLD 7	0.24	-0.57	11.38	0	0	0
208	SLD 8	0.31	-0.59	11.36	0	0	0
208	SLD 9	-0.42	0.37	12.48	0	0	0
208	SLD 10	-0.36	0.35	12.45	0	0	0
208	SLD 11	-0.39	-0.55	11.35	0	0	0
208	SLD 12	-0.32	-0.57	11.32	0	0	0
208	SLD 13	-1.16	0.07	12.05	0	0	0
208	SLD 14	-1.06	0.05	12.01	0	0	0
208	SLD 15	-1.15	-0.2	11.71	0	0	0
208	SLD 16	-1.05	-0.22	11.67	0	0	0
208	SLV 1	2.25	0.15	12.48	0	0	0
208	SLV 2	2.49	0.09	12.39	0	0	0
208	SLV 3	2.27	-0.48	11.71	0	0	0
208	SLV 4	2.52	-0.53	11.63	0	0	0
208	SLV 5	0.55	0.92	13.26	0	0	0
208	SLV 6	0.71	0.88	13.21	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
208	SLV 7	0.63	-1.15	10.7	0	0	0
208	SLV 8	0.79	-1.19	10.65	0	0	0
208	SLV 9	-0.91	0.97	13.18	0	0	0
208	SLV 10	-0.75	0.93	13.13	0	0	0
208	SLV 11	-0.83	-1.1	10.62	0	0	0
208	SLV 12	-0.67	-1.14	10.57	0	0	0
208	SLV 13	-2.63	0.31	12.21	0	0	0
208	SLV 14	-2.39	0.25	12.12	0	0	0
208	SLV 15	-2.61	-0.31	11.44	0	0	0
208	SLV 16	-2.37	-0.37	11.36	0	0	0
209	SLU 1	-0.06	-0.09	11.16	0	0	0
209	SLU 2	-0.05	-0.08	11.19	0	0	0
209	SLU 3	-0.06	-0.08	11.42	0	0	0
209	SLU 4	-0.05	-0.08	11.44	0	0	0
209	SLU 5	-0.05	-0.08	11.36	0	0	0
209	SLU 6	-0.06	-0.09	11.59	0	0	0
209	SLU 7	-0.06	-0.08	11.61	0	0	0
209	SLU 8	-0.06	-0.09	11.51	0	0	0
209	SLU 9	-0.06	-0.08	11.52	0	0	0
209	SLU 10	-0.05	-0.07	12.53	0	0	0
209	SLU 11	-0.06	-0.08	12.77	0	0	0
209	SLU 12	-0.05	-0.08	12.78	0	0	0
209	SLU 13	-0.05	-0.07	12.71	0	0	0
209	SLU 14	-0.06	-0.08	12.94	0	0	0
209	SLU 15	-0.05	-0.08	12.96	0	0	0
209	SLU 16	-0.06	-0.09	12.85	0	0	0
209	SLU 17	-0.05	-0.08	12.87	0	0	0
209	SLU 18	-0.05	-0.08	13.08	0	0	0
209	SLU 19	-0.05	-0.08	13.1	0	0	0
209	SLU 20	-0.06	-0.08	13.26	0	0	0
209	SLU 21	-0.05	-0.08	13.27	0	0	0
209	SLU 22	-0.06	-0.07	12.31	0	0	0
209	SLU 23	-0.06	-0.06	12.34	0	0	0
209	SLU 24	-0.06	-0.07	12.57	0	0	0
209	SLU 25	-0.06	-0.06	12.59	0	0	0
209	SLU 26	-0.06	-0.06	12.51	0	0	0
209	SLU 27	-0.06	-0.07	12.74	0	0	0
209	SLU 28	-0.06	-0.06	12.76	0	0	0
209	SLU 29	-0.06	-0.07	12.65	0	0	0
209	SLU 30	-0.06	-0.07	12.67	0	0	0
209	SLU 31	-0.06	-0.06	13.68	0	0	0
209	SLU 32	-0.06	-0.06	13.92	0	0	0
209	SLU 33	-0.06	-0.06	13.93	0	0	0
209	SLU 34	-0.06	-0.06	13.86	0	0	0
209	SLU 35	-0.06	-0.07	14.09	0	0	0
209	SLU 36	-0.06	-0.06	14.11	0	0	0
209	SLU 37	-0.06	-0.07	14	0	0	0
209	SLU 38	-0.06	-0.06	14.02	0	0	0
209	SLU 39	-0.06	-0.06	14.23	0	0	0
209	SLU 40	-0.06	-0.06	14.25	0	0	0
209	SLU 41	-0.06	-0.07	14.41	0	0	0
209	SLU 42	-0.06	-0.06	14.42	0	0	0
209	SLU 43	-0.07	-0.12	14.12	0	0	0
209	SLU 44	-0.07	-0.11	14.14	0	0	0
209	SLU 45	-0.07	-0.12	14.38	0	0	0
209	SLU 46	-0.07	-0.11	14.39	0	0	0
209	SLU 47	-0.07	-0.11	14.32	0	0	0
209	SLU 48	-0.07	-0.12	14.55	0	0	0
209	SLU 49	-0.07	-0.11	14.57	0	0	0
209	SLU 50	-0.07	-0.12	14.46	0	0	0
209	SLU 51	-0.07	-0.11	14.48	0	0	0
209	SLU 52	-0.06	-0.1	15.49	0	0	0
209	SLU 53	-0.07	-0.11	15.72	0	0	0
209	SLU 54	-0.07	-0.11	15.74	0	0	0
209	SLU 55	-0.07	-0.11	15.66	0	0	0
209	SLU 56	-0.07	-0.11	15.9	0	0	0
209	SLU 57	-0.07	-0.11	15.91	0	0	0
209	SLU 58	-0.07	-0.12	15.81	0	0	0
209	SLU 59	-0.07	-0.11	15.82	0	0	0
209	SLU 60	-0.07	-0.11	16.04	0	0	0
209	SLU 61	-0.07	-0.11	16.06	0	0	0
209	SLU 62	-0.07	-0.11	16.21	0	0	0
209	SLU 63	-0.07	-0.11	16.23	0	0	0
209	SLU 64	-0.08	-0.1	15.26	0	0	0
209	SLU 65	-0.07	-0.09	15.29	0	0	0
209	SLU 66	-0.08	-0.1	15.52	0	0	0
209	SLU 67	-0.08	-0.09	15.54	0	0	0
209	SLU 68	-0.07	-0.09	15.46	0	0	0
209	SLU 69	-0.08	-0.1	15.7	0	0	0
209	SLU 70	-0.08	-0.09	15.71	0	0	0
209	SLU 71	-0.08	-0.1	15.61	0	0	0
209	SLU 72	-0.08	-0.1	15.63	0	0	0
209	SLU 73	-0.07	-0.09	16.64	0	0	0
209	SLU 74	-0.08	-0.1	16.87	0	0	0
209	SLU 75	-0.07	-0.09	16.89	0	0	0
209	SLU 76	-0.07	-0.09	16.81	0	0	0
209	SLU 77	-0.08	-0.1	17.04	0	0	0
209	SLU 78	-0.08	-0.09	17.06	0	0	0
209	SLU 79	-0.08	-0.1	16.96	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
209	SLU 80	-0.07	-0.09	16.97	0	0	0
209	SLU 81	-0.08	-0.1	17.19	0	0	0
209	SLU 82	-0.07	-0.09	17.2	0	0	0
209	SLU 83	-0.08	-0.1	17.36	0	0	0
209	SLU 84	-0.07	-0.09	17.38	0	0	0
209	SLE RA 1	-0.06	-0.08	11.49	0	0	0
209	SLE RA 2	-0.05	-0.07	11.51	0	0	0
209	SLE RA 3	-0.06	-0.08	11.66	0	0	0
209	SLE RA 4	-0.06	-0.08	11.67	0	0	0
209	SLE RA 5	-0.06	-0.08	11.62	0	0	0
209	SLE RA 6	-0.06	-0.08	11.78	0	0	0
209	SLE RA 7	-0.06	-0.08	11.79	0	0	0
209	SLE RA 8	-0.06	-0.08	11.72	0	0	0
209	SLE RA 9	-0.06	-0.08	11.73	0	0	0
209	SLE RA 10	-0.05	-0.07	12.4	0	0	0
209	SLE RA 11	-0.06	-0.08	12.56	0	0	0
209	SLE RA 12	-0.06	-0.07	12.57	0	0	0
209	SLE RA 13	-0.05	-0.07	12.52	0	0	0
209	SLE RA 14	-0.06	-0.08	12.68	0	0	0
209	SLE RA 15	-0.06	-0.07	12.69	0	0	0
209	SLE RA 16	-0.06	-0.08	12.62	0	0	0
209	SLE RA 17	-0.06	-0.08	12.63	0	0	0
209	SLE RA 18	-0.06	-0.08	12.77	0	0	0
209	SLE RA 19	-0.05	-0.07	12.78	0	0	0
209	SLE RA 20	-0.06	-0.08	12.89	0	0	0
209	SLE RA 21	-0.06	-0.07	12.9	0	0	0
209	SLE FR 1	-0.06	-0.08	11.49	0	0	0
209	SLE FR 2	-0.06	-0.08	11.49	0	0	0
209	SLE FR 3	-0.06	-0.08	11.53	0	0	0
209	SLE FR 4	-0.06	-0.08	11.88	0	0	0
209	SLE FR 5	-0.06	-0.08	11.92	0	0	0
209	SLE FR 6	-0.06	-0.08	12.13	0	0	0
209	SLE QP 1	-0.06	-0.08	11.49	0	0	0
209	SLE QP 2	-0.06	-0.08	11.87	0	0	0
209	SLD 1	0.91	0.05	12.01	0	0	0
209	SLD 2	1.01	0.03	11.98	0	0	0
209	SLD 3	0.92	-0.22	11.67	0	0	0
209	SLD 4	1.02	-0.24	11.64	0	0	0
209	SLD 5	0.2	0.37	12.43	0	0	0
209	SLD 6	0.27	0.36	12.41	0	0	0
209	SLD 7	0.23	-0.53	11.31	0	0	0
209	SLD 8	0.3	-0.54	11.28	0	0	0
209	SLD 9	-0.41	0.38	12.46	0	0	0
209	SLD 10	-0.35	0.37	12.44	0	0	0
209	SLD 11	-0.38	-0.52	11.33	0	0	0
209	SLD 12	-0.31	-0.53	11.31	0	0	0
209	SLD 13	-1.13	0.08	12.11	0	0	0
209	SLD 14	-1.03	0.06	12.07	0	0	0
209	SLD 15	-1.12	-0.19	11.77	0	0	0
209	SLD 16	-1.02	-0.21	11.74	0	0	0
209	SLV 1	2.2	0.21	12.18	0	0	0
209	SLV 2	2.44	0.17	12.11	0	0	0
209	SLV 3	2.22	-0.4	11.42	0	0	0
209	SLV 4	2.46	-0.45	11.34	0	0	0
209	SLV 5	0.54	0.95	13.14	0	0	0
209	SLV 6	0.7	0.92	13.09	0	0	0
209	SLV 7	0.62	-1.1	10.59	0	0	0
209	SLV 8	0.77	-1.13	10.54	0	0	0
209	SLV 9	-0.89	0.97	13.21	0	0	0
209	SLV 10	-0.74	0.94	13.16	0	0	0
209	SLV 11	-0.81	-1.08	10.65	0	0	0
209	SLV 12	-0.66	-1.11	10.61	0	0	0
209	SLV 13	-2.58	0.29	12.41	0	0	0
209	SLV 14	-2.34	0.24	12.33	0	0	0
209	SLV 15	-2.55	-0.33	11.64	0	0	0
209	SLV 16	-2.32	-0.37	11.57	0	0	0
211	SLU 1	-0.03	-0.14	5.22	0	0	0
211	SLU 2	-0.03	-0.13	5.23	0	0	0
211	SLU 3	-0.03	-0.14	5.34	0	0	0
211	SLU 4	-0.03	-0.14	5.35	0	0	0
211	SLU 5	-0.03	-0.14	5.31	0	0	0
211	SLU 6	-0.03	-0.15	5.42	0	0	0
211	SLU 7	-0.03	-0.14	5.42	0	0	0
211	SLU 8	-0.03	-0.15	5.38	0	0	0
211	SLU 9	-0.03	-0.14	5.38	0	0	0
211	SLU 10	-0.03	-0.14	5.83	0	0	0
211	SLU 11	-0.03	-0.15	5.95	0	0	0
211	SLU 12	-0.03	-0.15	5.95	0	0	0
211	SLU 13	-0.03	-0.14	5.91	0	0	0
211	SLU 14	-0.03	-0.16	6.02	0	0	0
211	SLU 15	-0.03	-0.15	6.03	0	0	0
211	SLU 16	-0.03	-0.16	5.98	0	0	0
211	SLU 17	-0.03	-0.15	5.99	0	0	0
211	SLU 18	-0.03	-0.16	6.08	0	0	0
211	SLU 19	-0.03	-0.15	6.09	0	0	0
211	SLU 20	-0.03	-0.16	6.16	0	0	0
211	SLU 21	-0.03	-0.15	6.17	0	0	0
211	SLU 22	-0.03	-0.15	5.76	0	0	0
211	SLU 23	-0.03	-0.14	5.77	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
211	SLU 24	-0.03	-0.15	5.88	0	0	0
211	SLU 25	-0.03	-0.14	5.88	0	0	0
211	SLU 26	-0.03	-0.14	5.85	0	0	0
211	SLU 27	-0.03	-0.15	5.96	0	0	0
211	SLU 28	-0.03	-0.15	5.96	0	0	0
211	SLU 29	-0.03	-0.15	5.92	0	0	0
211	SLU 30	-0.03	-0.15	5.92	0	0	0
211	SLU 31	-0.03	-0.15	6.37	0	0	0
211	SLU 32	-0.03	-0.16	6.49	0	0	0
211	SLU 33	-0.03	-0.15	6.49	0	0	0
211	SLU 34	-0.03	-0.15	6.45	0	0	0
211	SLU 35	-0.03	-0.16	6.56	0	0	0
211	SLU 36	-0.03	-0.16	6.57	0	0	0
211	SLU 37	-0.03	-0.16	6.52	0	0	0
211	SLU 38	-0.03	-0.16	6.53	0	0	0
211	SLU 39	-0.03	-0.16	6.62	0	0	0
211	SLU 40	-0.03	-0.16	6.63	0	0	0
211	SLU 41	-0.03	-0.16	6.7	0	0	0
211	SLU 42	-0.03	-0.16	6.71	0	0	0
211	SLU 43	-0.04	-0.18	6.6	0	0	0
211	SLU 44	-0.03	-0.17	6.61	0	0	0
211	SLU 45	-0.04	-0.19	6.72	0	0	0
211	SLU 46	-0.04	-0.18	6.73	0	0	0
211	SLU 47	-0.03	-0.18	6.69	0	0	0
211	SLU 48	-0.04	-0.19	6.8	0	0	0
211	SLU 49	-0.04	-0.18	6.81	0	0	0
211	SLU 50	-0.04	-0.19	6.76	0	0	0
211	SLU 51	-0.04	-0.18	6.77	0	0	0
211	SLU 52	-0.03	-0.18	7.21	0	0	0
211	SLU 53	-0.04	-0.19	7.33	0	0	0
211	SLU 54	-0.04	-0.19	7.33	0	0	0
211	SLU 55	-0.03	-0.19	7.29	0	0	0
211	SLU 56	-0.04	-0.2	7.41	0	0	0
211	SLU 57	-0.04	-0.19	7.41	0	0	0
211	SLU 58	-0.04	-0.2	7.37	0	0	0
211	SLU 59	-0.04	-0.19	7.37	0	0	0
211	SLU 60	-0.04	-0.2	7.47	0	0	0
211	SLU 61	-0.03	-0.19	7.47	0	0	0
211	SLU 62	-0.04	-0.2	7.55	0	0	0
211	SLU 63	-0.04	-0.19	7.55	0	0	0
211	SLU 64	-0.04	-0.19	7.14	0	0	0
211	SLU 65	-0.04	-0.18	7.15	0	0	0
211	SLU 66	-0.04	-0.19	7.26	0	0	0
211	SLU 67	-0.04	-0.19	7.27	0	0	0
211	SLU 68	-0.04	-0.18	7.23	0	0	0
211	SLU 69	-0.04	-0.19	7.34	0	0	0
211	SLU 70	-0.04	-0.19	7.35	0	0	0
211	SLU 71	-0.04	-0.19	7.3	0	0	0
211	SLU 72	-0.04	-0.19	7.31	0	0	0
211	SLU 73	-0.04	-0.19	7.75	0	0	0
211	SLU 74	-0.04	-0.2	7.87	0	0	0
211	SLU 75	-0.04	-0.2	7.87	0	0	0
211	SLU 76	-0.04	-0.19	7.83	0	0	0
211	SLU 77	-0.04	-0.2	7.95	0	0	0
211	SLU 78	-0.04	-0.2	7.95	0	0	0
211	SLU 79	-0.04	-0.2	7.91	0	0	0
211	SLU 80	-0.04	-0.2	7.91	0	0	0
211	SLU 81	-0.04	-0.2	8.01	0	0	0
211	SLU 82	-0.04	-0.2	8.01	0	0	0
211	SLU 83	-0.04	-0.2	8.09	0	0	0
211	SLU 84	-0.04	-0.2	8.09	0	0	0
211	SLE RA 1	-0.03	-0.14	5.38	0	0	0
211	SLE RA 2	-0.03	-0.14	5.38	0	0	0
211	SLE RA 3	-0.03	-0.15	5.46	0	0	0
211	SLE RA 4	-0.03	-0.14	5.46	0	0	0
211	SLE RA 5	-0.03	-0.14	5.43	0	0	0
211	SLE RA 6	-0.03	-0.15	5.51	0	0	0
211	SLE RA 7	-0.03	-0.14	5.51	0	0	0
211	SLE RA 8	-0.03	-0.15	5.48	0	0	0
211	SLE RA 9	-0.03	-0.14	5.48	0	0	0
211	SLE RA 10	-0.03	-0.14	5.78	0	0	0
211	SLE RA 11	-0.03	-0.15	5.86	0	0	0
211	SLE RA 12	-0.03	-0.15	5.86	0	0	0
211	SLE RA 13	-0.03	-0.15	5.84	0	0	0
211	SLE RA 14	-0.03	-0.15	5.91	0	0	0
211	SLE RA 15	-0.03	-0.15	5.91	0	0	0
211	SLE RA 16	-0.03	-0.15	5.88	0	0	0
211	SLE RA 17	-0.03	-0.15	5.89	0	0	0
211	SLE RA 18	-0.03	-0.15	5.95	0	0	0
211	SLE RA 19	-0.03	-0.15	5.95	0	0	0
211	SLE RA 20	-0.03	-0.15	6	0	0	0
211	SLE RA 21	-0.03	-0.15	6.01	0	0	0
211	SLE FR 1	-0.03	-0.14	5.38	0	0	0
211	SLE FR 2	-0.03	-0.14	5.38	0	0	0
211	SLE FR 3	-0.03	-0.14	5.4	0	0	0
211	SLE FR 4	-0.03	-0.15	5.55	0	0	0
211	SLE FR 5	-0.03	-0.15	5.57	0	0	0
211	SLE FR 6	-0.03	-0.15	5.66	0	0	0
211	SLE QP 1	-0.03	-0.14	5.38	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
211	SLE QP 2	-0.03	-0.15	5.55	0	0	0
211	SLD 1	0.41	-0.15	5.99	0	0	0
211	SLD 2	0.45	-0.18	5.97	0	0	0
211	SLD 3	0.41	-0.27	5.84	0	0	0
211	SLD 4	0.46	-0.29	5.81	0	0	0
211	SLD 5	0.09	0.03	5.93	0	0	0
211	SLD 6	0.12	0.01	5.91	0	0	0
211	SLD 7	0.1	-0.35	5.4	0	0	0
211	SLD 8	0.13	-0.37	5.38	0	0	0
211	SLD 9	-0.19	0.08	5.72	0	0	0
211	SLD 10	-0.16	0.06	5.7	0	0	0
211	SLD 11	-0.18	-0.31	5.19	0	0	0
211	SLD 12	-0.15	-0.32	5.17	0	0	0
211	SLD 13	-0.52	0	5.29	0	0	0
211	SLD 14	-0.47	-0.02	5.26	0	0	0
211	SLD 15	-0.51	-0.12	5.13	0	0	0
211	SLD 16	-0.47	-0.14	5.1	0	0	0
211	SLV 1	0.99	-0.17	6.58	0	0	0
211	SLV 2	1.1	-0.22	6.52	0	0	0
211	SLV 3	1	-0.43	6.23	0	0	0
211	SLV 4	1.11	-0.48	6.16	0	0	0
211	SLV 5	0.24	0.25	6.41	0	0	0
211	SLV 6	0.31	0.22	6.37	0	0	0
211	SLV 7	0.28	-0.62	5.22	0	0	0
211	SLV 8	0.35	-0.65	5.18	0	0	0
211	SLV 9	-0.41	0.36	5.92	0	0	0
211	SLV 10	-0.34	0.32	5.88	0	0	0
211	SLV 11	-0.37	-0.51	4.73	0	0	0
211	SLV 12	-0.3	-0.55	4.68	0	0	0
211	SLV 13	-1.17	0.19	4.94	0	0	0
211	SLV 14	-1.06	0.13	4.87	0	0	0
211	SLV 15	-1.16	-0.07	4.58	0	0	0
211	SLV 16	-1.05	-0.13	4.51	0	0	0
212	SLU 1	-0.03	-0.03	5.64	0	0.8474	0.0045
212	SLU 2	-0.03	-0.03	5.66	0	0.8497	0.0039
212	SLU 3	-0.03	-0.03	5.77	0	0.8674	0.0044
212	SLU 4	-0.03	-0.03	5.78	0	0.8687	0.004
212	SLU 5	-0.03	-0.03	5.74	0	0.8628	0.004
212	SLU 6	-0.03	-0.03	5.86	0	0.8806	0.0044
212	SLU 7	-0.03	-0.03	5.87	0	0.8819	0.0041
212	SLU 8	-0.03	-0.03	5.82	0	0.8738	0.0046
212	SLU 9	-0.03	-0.03	5.83	0	0.8751	0.0043
212	SLU 10	-0.02	-0.02	6.34	0	0.9528	0.0035
212	SLU 11	-0.03	-0.03	6.46	0	0.9706	0.004
212	SLU 12	-0.03	-0.02	6.47	0	0.9719	0.0036
212	SLU 13	-0.03	-0.02	6.43	0	0.966	0.0036
212	SLU 14	-0.03	-0.03	6.55	0	0.9837	0.004
212	SLU 15	-0.03	-0.02	6.56	0	0.9851	0.0037
212	SLU 16	-0.03	-0.03	6.5	0	0.9769	0.0042
212	SLU 17	-0.03	-0.03	6.51	0	0.9783	0.0039
212	SLU 18	-0.03	-0.03	6.62	0	0.9948	0.0039
212	SLU 19	-0.03	-0.02	6.63	0	0.9961	0.0036
212	SLU 20	-0.03	-0.03	6.71	0	1.008	0.004
212	SLU 21	-0.03	-0.02	6.72	0	1.0093	0.0037
212	SLU 22	-0.03	-0.02	6.22	0	0.935	0.0029
212	SLU 23	-0.03	-0.02	6.24	0	0.9373	0.0024
212	SLU 24	-0.03	-0.02	6.36	0	0.955	0.0028
212	SLU 25	-0.03	-0.02	6.37	0	0.9563	0.0025
212	SLU 26	-0.03	-0.02	6.33	0	0.9504	0.0024
212	SLU 27	-0.03	-0.02	6.45	0	0.9682	0.0029
212	SLU 28	-0.03	-0.02	6.45	0	0.9695	0.0025
212	SLU 29	-0.03	-0.02	6.4	0	0.9614	0.0031
212	SLU 30	-0.03	-0.02	6.41	0	0.9627	0.0027
212	SLU 31	-0.03	-0.01	6.93	0	1.0404	0.002
212	SLU 32	-0.03	-0.02	7.04	0	1.0582	0.0024
212	SLU 33	-0.03	-0.01	7.05	0	1.0595	0.0021
212	SLU 34	-0.03	-0.01	7.01	0	1.0536	0.002
212	SLU 35	-0.03	-0.02	7.13	0	1.0713	0.0025
212	SLU 36	-0.03	-0.01	7.14	0	1.0727	0.0021
212	SLU 37	-0.03	-0.02	7.09	0	1.0645	0.0027
212	SLU 38	-0.03	-0.02	7.1	0	1.0659	0.0023
212	SLU 39	-0.03	-0.02	7.21	0	1.0824	0.0024
212	SLU 40	-0.03	-0.01	7.21	0	1.0837	0.002
212	SLU 41	-0.03	-0.02	7.29	0	1.0956	0.0025
212	SLU 42	-0.03	-0.01	7.3	0	1.0969	0.0021
212	SLU 43	-0.04	-0.04	7.13	0	1.0716	0.0064
212	SLU 44	-0.03	-0.04	7.15	0	1.0739	0.0058
212	SLU 45	-0.04	-0.04	7.27	0	1.0916	0.0062
212	SLU 46	-0.03	-0.04	7.28	0	1.0929	0.0059
212	SLU 47	-0.03	-0.04	7.24	0	1.087	0.0059
212	SLU 48	-0.04	-0.04	7.35	0	1.1048	0.0063
212	SLU 49	-0.04	-0.04	7.36	0	1.1061	0.006
212	SLU 50	-0.04	-0.04	7.31	0	1.098	0.0065
212	SLU 51	-0.04	-0.04	7.32	0	1.0993	0.0062
212	SLU 52	-0.03	-0.04	7.84	0	1.177	0.0054
212	SLU 53	-0.04	-0.04	7.95	0	1.1947	0.0059
212	SLU 54	-0.03	-0.04	7.96	0	1.1961	0.0055
212	SLU 55	-0.03	-0.04	7.92	0	1.1902	0.0055
212	SLU 56	-0.04	-0.04	8.04	0	1.2079	0.0059



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
212	SLU 57	-0.03	-0.04	8.05	0	1.2093	0.0056
212	SLU 58	-0.04	-0.04	8	0	1.2011	0.0061
212	SLU 59	-0.03	-0.04	8	0	1.2025	0.0058
212	SLU 60	-0.03	-0.04	8.11	0	1.219	0.0058
212	SLU 61	-0.03	-0.04	8.12	0	1.2203	0.0055
212	SLU 62	-0.04	-0.04	8.2	0	1.2322	0.0059
212	SLU 63	-0.03	-0.04	8.21	0	1.2335	0.0055
212	SLU 64	-0.04	-0.03	7.72	0	1.1592	0.0048
212	SLU 65	-0.04	-0.03	7.73	0	1.1615	0.0042
212	SLU 66	-0.04	-0.03	7.85	0	1.1792	0.0047
212	SLU 67	-0.04	-0.03	7.86	0	1.1805	0.0043
212	SLU 68	-0.04	-0.03	7.82	0	1.1746	0.0043
212	SLU 69	-0.04	-0.03	7.94	0	1.1924	0.0048
212	SLU 70	-0.04	-0.03	7.95	0	1.1937	0.0044
212	SLU 71	-0.04	-0.03	7.89	0	1.1856	0.005
212	SLU 72	-0.04	-0.03	7.9	0	1.1869	0.0046
212	SLU 73	-0.04	-0.03	8.42	0	1.2646	0.0038
212	SLU 74	-0.04	-0.03	8.54	0	1.2823	0.0043
212	SLU 75	-0.04	-0.03	8.55	0	1.2837	0.0039
212	SLU 76	-0.04	-0.03	8.51	0	1.2778	0.0039
212	SLU 77	-0.04	-0.03	8.62	0	1.2955	0.0044
212	SLU 78	-0.04	-0.03	8.63	0	1.2969	0.004
212	SLU 79	-0.04	-0.03	8.58	0	1.2887	0.0046
212	SLU 80	-0.04	-0.03	8.59	0	1.2901	0.0042
212	SLU 81	-0.04	-0.03	8.7	0	1.3066	0.0043
212	SLU 82	-0.04	-0.03	8.71	0	1.3079	0.0039
212	SLU 83	-0.04	-0.03	8.79	0	1.3198	0.0043
212	SLU 84	-0.04	-0.03	8.79	0	1.3211	0.004
212	SLE RA 1	-0.03	-0.03	5.81	0	0.8724	0.0041
212	SLE RA 2	-0.03	-0.02	5.82	0	0.8739	0.0037
212	SLE RA 3	-0.03	-0.03	5.9	0	0.8858	0.004
212	SLE RA 4	-0.03	-0.02	5.9	0	0.8867	0.0037
212	SLE RA 5	-0.03	-0.02	5.88	0	0.8827	0.0037
212	SLE RA 6	-0.03	-0.03	5.95	0	0.8945	0.004
212	SLE RA 7	-0.03	-0.03	5.96	0	0.8954	0.0038
212	SLE RA 8	-0.03	-0.03	5.92	0	0.89	0.0042
212	SLE RA 9	-0.03	-0.03	5.93	0	0.8909	0.0039
212	SLE RA 10	-0.03	-0.02	6.28	0	0.9427	0.0034
212	SLE RA 11	-0.03	-0.02	6.35	0	0.9545	0.0037
212	SLE RA 12	-0.03	-0.02	6.36	0	0.9554	0.0035
212	SLE RA 13	-0.03	-0.02	6.33	0	0.9515	0.0034
212	SLE RA 14	-0.03	-0.02	6.41	0	0.9633	0.0038
212	SLE RA 15	-0.03	-0.02	6.42	0	0.9642	0.0035
212	SLE RA 16	-0.03	-0.03	6.38	0	0.9588	0.0039
212	SLE RA 17	-0.03	-0.02	6.39	0	0.9597	0.0037
212	SLE RA 18	-0.03	-0.02	6.46	0	0.9707	0.0037
212	SLE RA 19	-0.03	-0.02	6.47	0	0.9716	0.0034
212	SLE RA 20	-0.03	-0.02	6.52	0	0.9795	0.0037
212	SLE RA 21	-0.03	-0.02	6.53	0	0.9804	0.0035
212	SLE FR 1	-0.03	-0.03	5.81	0	0.8724	0.0041
212	SLE FR 2	-0.03	-0.03	5.81	0	0.8727	0.004
212	SLE FR 3	-0.03	-0.03	5.83	0	0.876	0.0041
212	SLE FR 4	-0.03	-0.03	6.01	0	0.9022	0.0039
212	SLE FR 5	-0.03	-0.03	6.03	0	0.9054	0.004
212	SLE FR 6	-0.03	-0.03	6.13	0	0.9216	0.0039
212	SLE QP 1	-0.03	-0.03	5.81	0	0.8724	0.0041
212	SLE QP 2	-0.03	-0.03	6	0	0.9019	0.0039
212	SLD 1	0.45	0.05	6.03	0	0.9064	-0.008
212	SLD 2	0.5	0.05	6.02	0	0.9043	-0.0069
212	SLD 3	0.45	-0.08	5.86	0	0.8806	0.0124
212	SLD 4	0.5	-0.09	5.85	0	0.8785	0.0135
212	SLD 5	0.1	0.2	6.28	0	0.9426	-0.0308
212	SLD 6	0.13	0.2	6.27	0	0.9413	-0.03
212	SLD 7	0.11	-0.25	5.7	0	0.8569	0.0372
212	SLD 8	0.15	-0.25	5.7	0	0.8555	0.038
212	SLD 9	-0.21	0.2	6.31	0	0.9483	-0.0301
212	SLD 10	-0.17	0.2	6.3	0	0.947	-0.0293
212	SLD 11	-0.19	-0.25	5.74	0	0.8626	0.0379
212	SLD 12	-0.16	-0.26	5.73	0	0.8612	0.0387
212	SLD 13	-0.56	0.04	6.16	0	0.9253	-0.0056
212	SLD 14	-0.51	0.03	6.15	0	0.9232	-0.0045
212	SLD 15	-0.56	-0.1	5.99	0	0.8996	0.0148
212	SLD 16	-0.51	-0.11	5.97	0	0.8975	0.0159
212	SLV 1	1.09	0.15	6.07	0	0.9113	-0.0233
212	SLV 2	1.2	0.14	6.03	0	0.9065	-0.0206
212	SLV 3	1.1	-0.15	5.68	0	0.8531	0.023
212	SLV 4	1.22	-0.17	5.65	0	0.8482	0.0256
212	SLV 5	0.27	0.5	6.62	0	0.994	-0.0748
212	SLV 6	0.34	0.49	6.6	0	0.9908	-0.0731
212	SLV 7	0.31	-0.53	5.32	0	0.7997	0.0793
212	SLV 8	0.38	-0.54	5.3	0	0.7966	0.0811
212	SLV 9	-0.44	0.49	6.71	0	1.0073	-0.0732
212	SLV 10	-0.36	0.48	6.68	0	1.0041	-0.0715
212	SLV 11	-0.4	-0.54	5.41	0	0.813	0.081
212	SLV 12	-0.33	-0.55	5.39	0	0.8099	0.0827
212	SLV 13	-1.27	0.12	6.36	0	0.9557	-0.0178
212	SLV 14	-1.16	0.1	6.33	0	0.9508	-0.0151
212	SLV 15	-1.26	-0.19	5.97	0	0.8974	0.0285
212	SLV 16	-1.14	-0.21	5.94	0	0.8925	0.0311



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
212	CRTFP Uy+	0	0	0	0	0	0
212	CRTFP Uy-	0	0	0	0	0	0
215	SLU 1	0.15	-0.24	44.9	-0.0365	12.9865	0.0628
215	SLU 2	0.13	-0.19	45.01	-0.0367	13.0218	0.0483
215	SLU 3	0.16	-0.23	45.96	-0.0373	13.2954	0.0606
215	SLU 4	0.14	-0.2	46.03	-0.0374	13.3166	0.0519
215	SLU 5	0.13	-0.19	45.69	-0.0373	13.2206	0.0489
215	SLU 6	0.16	-0.24	46.65	-0.0379	13.4942	0.0612
215	SLU 7	0.14	-0.2	46.71	-0.038	13.5154	0.0525
215	SLU 8	0.15	-0.24	46.27	-0.0377	13.3841	0.064
215	SLU 9	0.14	-0.21	46.33	-0.0378	13.4053	0.0553
215	SLU 10	0.13	-0.14	50.53	-0.0404	14.6287	0.0338
215	SLU 11	0.15	-0.19	51.48	-0.041	14.9023	0.0461
215	SLU 12	0.14	-0.15	51.54	-0.0411	14.9235	0.0374
215	SLU 13	0.13	-0.14	51.21	-0.041	14.8275	0.0345
215	SLU 14	0.15	-0.19	52.16	-0.0416	15.1011	0.0467
215	SLU 15	0.14	-0.16	52.23	-0.0417	15.1223	0.038
215	SLU 16	0.15	-0.2	51.78	-0.0415	14.991	0.0495
215	SLU 17	0.14	-0.17	51.85	-0.0416	15.0122	0.0409
215	SLU 18	0.15	-0.17	52.78	-0.0418	15.2821	0.0421
215	SLU 19	0.14	-0.14	52.84	-0.0419	15.3033	0.0334
215	SLU 20	0.15	-0.17	53.46	-0.0424	15.4809	0.0427
215	SLU 21	0.14	-0.14	53.53	-0.0426	15.502	0.034
215	SLU 22	0.19	-0.16	49.61	-0.0395	14.3492	0.0389
215	SLU 23	0.17	-0.11	49.72	-0.0397	14.3845	0.0244
215	SLU 24	0.19	-0.15	50.67	-0.0403	14.6581	0.0367
215	SLU 25	0.18	-0.12	50.74	-0.0404	14.6792	0.028
215	SLU 26	0.17	-0.11	50.4	-0.0403	14.5832	0.025
215	SLU 27	0.19	-0.16	51.36	-0.0409	14.8568	0.0373
215	SLU 28	0.18	-0.13	51.42	-0.0411	14.878	0.0286
215	SLU 29	0.19	-0.17	50.98	-0.0408	14.7467	0.0401
215	SLU 30	0.17	-0.13	51.04	-0.0409	14.7679	0.0314
215	SLU 31	0.17	-0.06	55.24	-0.0435	15.9913	0.0099
215	SLU 32	0.19	-0.11	56.19	-0.0441	16.2649	0.0222
215	SLU 33	0.18	-0.08	56.25	-0.0442	16.2861	0.0135
215	SLU 34	0.17	-0.06	55.92	-0.0441	16.1901	0.0105
215	SLU 35	0.19	-0.11	56.87	-0.0447	16.4637	0.0228
215	SLU 36	0.18	-0.08	56.94	-0.0448	16.4849	0.0141
215	SLU 37	0.18	-0.12	56.49	-0.0445	16.3536	0.0256
215	SLU 38	0.17	-0.09	56.56	-0.0446	16.3748	0.017
215	SLU 39	0.18	-0.09	57.49	-0.0449	16.6447	0.0182
215	SLU 40	0.17	-0.06	57.55	-0.045	16.6659	0.0095
215	SLU 41	0.18	-0.1	58.17	-0.0455	16.8435	0.0188
215	SLU 42	0.17	-0.06	58.24	-0.0456	16.8647	0.0101
215	SLU 43	0.19	-0.34	56.75	-0.0464	16.4153	0.0898
215	SLU 44	0.17	-0.29	56.86	-0.0466	16.4506	0.0754
215	SLU 45	0.19	-0.33	57.82	-0.0472	16.7242	0.0876
215	SLU 46	0.18	-0.3	57.88	-0.0473	16.7454	0.0789
215	SLU 47	0.17	-0.29	57.55	-0.0472	16.6494	0.076
215	SLU 48	0.19	-0.33	58.5	-0.0478	16.923	0.0882
215	SLU 49	0.18	-0.3	58.57	-0.0479	16.9442	0.0796
215	SLU 50	0.19	-0.34	58.12	-0.0476	16.8129	0.0911
215	SLU 51	0.18	-0.31	58.19	-0.0478	16.8341	0.0824
215	SLU 52	0.17	-0.24	62.38	-0.0503	18.0575	0.0609
215	SLU 53	0.19	-0.28	63.33	-0.0509	18.3311	0.0731
215	SLU 54	0.18	-0.25	63.4	-0.051	18.3523	0.0645
215	SLU 55	0.17	-0.24	63.06	-0.0509	18.2563	0.0615
215	SLU 56	0.19	-0.29	64.02	-0.0515	18.5299	0.0738
215	SLU 57	0.18	-0.26	64.08	-0.0517	18.551	0.0651
215	SLU 58	0.19	-0.3	63.64	-0.0514	18.4198	0.0766
215	SLU 59	0.17	-0.27	63.7	-0.0515	18.4409	0.0679
215	SLU 60	0.19	-0.27	64.63	-0.0517	18.7109	0.0691
215	SLU 61	0.17	-0.24	64.7	-0.0518	18.732	0.0604
215	SLU 62	0.19	-0.27	65.32	-0.0523	18.9096	0.0698
215	SLU 63	0.17	-0.24	65.38	-0.0525	18.9308	0.0611
215	SLU 64	0.22	-0.26	61.46	-0.0494	17.7779	0.0659
215	SLU 65	0.2	-0.21	61.57	-0.0496	17.8132	0.0515
215	SLU 66	0.22	-0.25	62.53	-0.0502	18.0868	0.0637
215	SLU 67	0.21	-0.22	62.59	-0.0503	18.108	0.055
215	SLU 68	0.2	-0.21	62.26	-0.0503	18.012	0.0521
215	SLU 69	0.22	-0.25	63.21	-0.0508	18.2856	0.0643
215	SLU 70	0.21	-0.22	63.28	-0.051	18.3068	0.0557
215	SLU 71	0.22	-0.26	62.83	-0.0507	18.1755	0.0672
215	SLU 72	0.21	-0.23	62.9	-0.0508	18.1967	0.0585
215	SLU 73	0.2	-0.16	67.09	-0.0534	19.4201	0.037
215	SLU 74	0.22	-0.21	68.04	-0.054	19.6937	0.0492
215	SLU 75	0.21	-0.17	68.11	-0.0541	19.7149	0.0406
215	SLU 76	0.2	-0.16	67.77	-0.054	19.6189	0.0376
215	SLU 77	0.22	-0.21	68.73	-0.0546	19.8925	0.0499
215	SLU 78	0.21	-0.18	68.79	-0.0547	19.9137	0.0412
215	SLU 79	0.22	-0.22	68.35	-0.0544	19.7824	0.0527
215	SLU 80	0.21	-0.19	68.41	-0.0545	19.8036	0.044
215	SLU 81	0.22	-0.19	69.34	-0.0548	20.0735	0.0452
215	SLU 82	0.21	-0.16	69.41	-0.0549	20.0947	0.0365
215	SLU 83	0.22	-0.19	70.03	-0.0554	20.2723	0.0458
215	SLU 84	0.21	-0.16	70.09	-0.0555	20.2934	0.0372
215	SLE RA 1	0.16	-0.22	46.24	-0.0374	13.3759	0.056
215	SLE RA 2	0.15	-0.18	46.32	-0.0375	13.3994	0.0463
215	SLE RA 3	0.16	-0.21	46.95	-0.0379	13.5818	0.0545



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
215	SLE RA 4	0.16	-0.19	47	-0.038	13.5959	0.0487
215	SLE RA 5	0.15	-0.18	46.77	-0.0379	13.5319	0.0467
215	SLE RA 6	0.16	-0.21	47.41	-0.0383	13.7143	0.0549
215	SLE RA 7	0.16	-0.19	47.45	-0.0384	13.7284	0.0491
215	SLE RA 8	0.16	-0.22	47.16	-0.0382	13.6409	0.0568
215	SLE RA 9	0.15	-0.2	47.2	-0.0383	13.655	0.051
215	SLE RA 10	0.15	-0.15	50	-0.04	14.4706	0.0367
215	SLE RA 11	0.16	-0.18	50.63	-0.0404	14.653	0.0448
215	SLE RA 12	0.16	-0.16	50.68	-0.0405	14.6672	0.039
215	SLE RA 13	0.15	-0.15	50.45	-0.0404	14.6032	0.0371
215	SLE RA 14	0.16	-0.18	51.09	-0.0408	14.7856	0.0453
215	SLE RA 15	0.16	-0.16	51.13	-0.0409	14.7997	0.0395
215	SLE RA 16	0.16	-0.19	50.83	-0.0407	14.7122	0.0471
215	SLE RA 17	0.15	-0.17	50.88	-0.0408	14.7263	0.0413
215	SLE RA 18	0.16	-0.17	51.5	-0.0409	14.9062	0.0422
215	SLE RA 19	0.15	-0.15	51.54	-0.041	14.9203	0.0364
215	SLE RA 20	0.16	-0.17	51.95	-0.0413	15.0387	0.0426
215	SLE RA 21	0.15	-0.15	52	-0.0414	15.0529	0.0368
215	SLE FR 1	0.16	-0.22	46.24	-0.0374	13.3759	0.056
215	SLE FR 2	0.16	-0.21	46.26	-0.0374	13.3806	0.054
215	SLE FR 3	0.16	-0.22	46.43	-0.0375	13.4289	0.0561
215	SLE FR 4	0.16	-0.2	47.84	-0.0385	13.8397	0.0499
215	SLE FR 5	0.16	-0.2	48	-0.0386	13.888	0.052
215	SLE FR 6	0.16	-0.19	48.87	-0.0391	14.141	0.0491
215	SLE QP 1	0.16	-0.22	46.24	-0.0374	13.3759	0.056
215	SLE QP 2	0.16	-0.2	47.82	-0.0384	13.835	0.0518
215	SLD 1	4.42	0.27	47.91	-0.0356	13.9505	-0.0795
215	SLD 2	4.85	0.31	48.04	-0.0359	13.9777	-0.0876
215	SLD 3	4.36	-0.89	46.57	-0.0296	13.5563	0.2612
215	SLD 4	4.79	-0.86	46.69	-0.03	13.5835	0.2532
215	SLD 5	1.45	1.7	49.87	-0.0465	14.4626	-0.503
215	SLD 6	1.74	1.73	49.95	-0.0467	14.4805	-0.5083
215	SLD 7	1.25	-2.18	45.38	-0.0267	13.1486	0.6329
215	SLD 8	1.54	-2.16	45.46	-0.027	13.1665	0.6276
215	SLD 9	-1.22	1.76	50.18	-0.0499	14.5034	-0.524
215	SLD 10	-0.93	1.78	50.26	-0.0501	14.5213	-0.5293
215	SLD 11	-1.41	-2.13	45.69	-0.0301	13.1894	0.6119
215	SLD 12	-1.12	-2.11	45.77	-0.0304	13.2073	0.6066
215	SLD 13	-4.47	0.45	48.95	-0.0469	14.0865	-0.1495
215	SLD 14	-4.03	0.49	49.07	-0.0472	14.1137	-0.1576
215	SLD 15	-4.53	-0.71	47.61	-0.041	13.6923	0.1912
215	SLD 16	-4.09	-0.68	47.73	-0.0413	13.7195	0.1832
215	SLV 1	10.11	0.87	47.99	-0.0315	14.0909	-0.2432
215	SLV 2	11.13	0.95	48.27	-0.0323	14.1543	-0.262
215	SLV 3	9.98	-1.77	44.94	-0.0181	13.198	0.5292
215	SLV 4	10.99	-1.69	45.23	-0.0188	13.2613	0.5105
215	SLV 5	3.18	4.11	52.44	-0.0566	15.2551	-1.205
215	SLV 6	3.83	4.17	52.63	-0.0571	15.2961	-1.2171
215	SLV 7	2.73	-4.7	42.29	-0.0118	12.2786	1.3699
215	SLV 8	3.38	-4.64	42.47	-0.0123	12.3196	1.3577
215	SLV 9	-3.06	4.24	53.17	-0.0645	15.3504	-1.2541
215	SLV 10	-2.4	4.29	53.36	-0.065	15.3914	-1.2662
215	SLV 11	-3.51	-4.57	43.01	-0.0198	12.3739	1.3208
215	SLV 12	-2.85	-4.52	43.2	-0.0203	12.4149	1.3087
215	SLV 13	-10.67	1.29	50.42	-0.058	14.4086	-0.4068
215	SLV 14	-9.65	1.37	50.7	-0.0588	14.472	-0.4256
215	SLV 15	-10.8	-1.36	47.37	-0.0446	13.5157	0.3656
215	SLV 16	-9.79	-1.28	47.65	-0.0454	13.579	0.3469
215	CRTFP Ux+	0	0	0	0	0	0
215	CRTFP Ux-	0	0	0	0	0	0
215	CRTFP Uy+	0	0	0	0	0	0
215	CRTFP Uy-	0	0	0	0	0	0
217	SLU 1	0.04	-0.09	10.81	0	0	0
217	SLU 2	0.03	-0.08	10.83	0	0	0
217	SLU 3	0.04	-0.09	11.06	0	0	0
217	SLU 4	0.04	-0.08	11.07	0	0	0
217	SLU 5	0.03	-0.08	10.99	0	0	0
217	SLU 6	0.04	-0.09	11.22	0	0	0
217	SLU 7	0.04	-0.08	11.24	0	0	0
217	SLU 8	0.04	-0.09	11.13	0	0	0
217	SLU 9	0.03	-0.08	11.15	0	0	0
217	SLU 10	0.03	-0.07	12.14	0	0	0
217	SLU 11	0.04	-0.08	12.37	0	0	0
217	SLU 12	0.04	-0.07	12.39	0	0	0
217	SLU 13	0.03	-0.07	12.3	0	0	0
217	SLU 14	0.04	-0.08	12.54	0	0	0
217	SLU 15	0.04	-0.07	12.55	0	0	0
217	SLU 16	0.04	-0.08	12.45	0	0	0
217	SLU 17	0.03	-0.08	12.46	0	0	0
217	SLU 18	0.04	-0.08	12.68	0	0	0
217	SLU 19	0.03	-0.07	12.7	0	0	0
217	SLU 20	0.04	-0.08	12.84	0	0	0
217	SLU 21	0.03	-0.07	12.86	0	0	0
217	SLU 22	0.05	-0.07	11.94	0	0	0
217	SLU 23	0.04	-0.06	11.96	0	0	0
217	SLU 24	0.05	-0.07	12.19	0	0	0
217	SLU 25	0.04	-0.07	12.21	0	0	0
217	SLU 26	0.04	-0.06	12.13	0	0	0
217	SLU 27	0.05	-0.07	12.36	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
217	SLU 28	0.04	-0.07	12.37	0	0	0
217	SLU 29	0.05	-0.08	12.27	0	0	0
217	SLU 30	0.04	-0.07	12.28	0	0	0
217	SLU 31	0.04	-0.05	13.27	0	0	0
217	SLU 32	0.05	-0.07	13.51	0	0	0
217	SLU 33	0.04	-0.06	13.52	0	0	0
217	SLU 34	0.04	-0.05	13.44	0	0	0
217	SLU 35	0.05	-0.07	13.67	0	0	0
217	SLU 36	0.04	-0.06	13.68	0	0	0
217	SLU 37	0.05	-0.07	13.58	0	0	0
217	SLU 38	0.04	-0.06	13.59	0	0	0
217	SLU 39	0.05	-0.06	13.81	0	0	0
217	SLU 40	0.04	-0.06	13.83	0	0	0
217	SLU 41	0.05	-0.07	13.98	0	0	0
217	SLU 42	0.04	-0.06	13.99	0	0	0
217	SLU 43	0.05	-0.12	13.66	0	0	0
217	SLU 44	0.04	-0.11	13.68	0	0	0
217	SLU 45	0.05	-0.12	13.92	0	0	0
217	SLU 46	0.04	-0.11	13.93	0	0	0
217	SLU 47	0.04	-0.11	13.85	0	0	0
217	SLU 48	0.05	-0.12	14.08	0	0	0
217	SLU 49	0.04	-0.11	14.09	0	0	0
217	SLU 50	0.05	-0.12	13.99	0	0	0
217	SLU 51	0.04	-0.12	14	0	0	0
217	SLU 52	0.04	-0.1	15	0	0	0
217	SLU 53	0.05	-0.11	15.23	0	0	0
217	SLU 54	0.04	-0.1	15.24	0	0	0
217	SLU 55	0.04	-0.1	15.16	0	0	0
217	SLU 56	0.05	-0.11	15.39	0	0	0
217	SLU 57	0.04	-0.11	15.4	0	0	0
217	SLU 58	0.05	-0.12	15.3	0	0	0
217	SLU 59	0.04	-0.11	15.31	0	0	0
217	SLU 60	0.05	-0.11	15.54	0	0	0
217	SLU 61	0.04	-0.1	15.55	0	0	0
217	SLU 62	0.05	-0.11	15.7	0	0	0
217	SLU 63	0.04	-0.1	15.71	0	0	0
217	SLU 64	0.05	-0.11	14.79	0	0	0
217	SLU 65	0.05	-0.09	14.82	0	0	0
217	SLU 66	0.05	-0.11	15.05	0	0	0
217	SLU 67	0.05	-0.1	15.06	0	0	0
217	SLU 68	0.05	-0.09	14.98	0	0	0
217	SLU 69	0.05	-0.11	15.21	0	0	0
217	SLU 70	0.05	-0.1	15.22	0	0	0
217	SLU 71	0.05	-0.11	15.12	0	0	0
217	SLU 72	0.05	-0.1	15.13	0	0	0
217	SLU 73	0.05	-0.08	16.13	0	0	0
217	SLU 74	0.05	-0.1	16.36	0	0	0
217	SLU 75	0.05	-0.09	16.37	0	0	0
217	SLU 76	0.05	-0.09	16.29	0	0	0
217	SLU 77	0.05	-0.1	16.52	0	0	0
217	SLU 78	0.05	-0.09	16.54	0	0	0
217	SLU 79	0.05	-0.1	16.43	0	0	0
217	SLU 80	0.05	-0.09	16.45	0	0	0
217	SLU 81	0.05	-0.1	16.67	0	0	0
217	SLU 82	0.05	-0.09	16.68	0	0	0
217	SLU 83	0.05	-0.1	16.83	0	0	0
217	SLU 84	0.05	-0.09	16.84	0	0	0
217	SLE RA 1	0.04	-0.08	11.13	0	0	0
217	SLE RA 2	0.04	-0.08	11.15	0	0	0
217	SLE RA 3	0.04	-0.08	11.3	0	0	0
217	SLE RA 4	0.04	-0.08	11.31	0	0	0
217	SLE RA 5	0.04	-0.08	11.25	0	0	0
217	SLE RA 6	0.04	-0.09	11.41	0	0	0
217	SLE RA 7	0.04	-0.08	11.42	0	0	0
217	SLE RA 8	0.04	-0.09	11.35	0	0	0
217	SLE RA 9	0.04	-0.08	11.36	0	0	0
217	SLE RA 10	0.04	-0.07	12.02	0	0	0
217	SLE RA 11	0.04	-0.08	12.18	0	0	0
217	SLE RA 12	0.04	-0.07	12.18	0	0	0
217	SLE RA 13	0.04	-0.07	12.13	0	0	0
217	SLE RA 14	0.04	-0.08	12.28	0	0	0
217	SLE RA 15	0.04	-0.07	12.29	0	0	0
217	SLE RA 16	0.04	-0.08	12.22	0	0	0
217	SLE RA 17	0.04	-0.08	12.23	0	0	0
217	SLE RA 18	0.04	-0.08	12.38	0	0	0
217	SLE RA 19	0.04	-0.07	12.39	0	0	0
217	SLE RA 20	0.04	-0.08	12.49	0	0	0
217	SLE RA 21	0.04	-0.07	12.5	0	0	0
217	SLE FR 1	0.04	-0.08	11.13	0	0	0
217	SLE FR 2	0.04	-0.08	11.13	0	0	0
217	SLE FR 3	0.04	-0.09	11.17	0	0	0
217	SLE FR 4	0.04	-0.08	11.51	0	0	0
217	SLE FR 5	0.04	-0.08	11.55	0	0	0
217	SLE FR 6	0.04	-0.08	11.76	0	0	0
217	SLE QP 1	0.04	-0.08	11.13	0	0	0
217	SLE QP 2	0.04	-0.08	11.51	0	0	0
217	SLD 1	1.05	0.07	11.4	0	0	0
217	SLD 2	1.16	0.09	11.44	0	0	0
217	SLD 3	1.04	-0.2	11.09	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
217	SLD 4	1.14	-0.18	11.13	0	0	0
217	SLD 5	0.35	0.38	11.95	0	0	0
217	SLD 6	0.42	0.39	11.98	0	0	0
217	SLD 7	0.3	-0.53	10.89	0	0	0
217	SLD 8	0.37	-0.52	10.92	0	0	0
217	SLD 9	-0.29	0.36	12.09	0	0	0
217	SLD 10	-0.22	0.37	12.12	0	0	0
217	SLD 11	-0.34	-0.55	11.04	0	0	0
217	SLD 12	-0.27	-0.54	11.06	0	0	0
217	SLD 13	-1.06	0.01	11.89	0	0	0
217	SLD 14	-0.96	0.03	11.93	0	0	0
217	SLD 15	-1.08	-0.26	11.57	0	0	0
217	SLD 16	-0.97	-0.24	11.61	0	0	0
217	SLV 1	2.41	0.28	11.25	0	0	0
217	SLV 2	2.65	0.32	11.35	0	0	0
217	SLV 3	2.38	-0.34	10.53	0	0	0
217	SLV 4	2.62	-0.3	10.63	0	0	0
217	SLV 5	0.76	0.96	12.51	0	0	0
217	SLV 6	0.92	0.98	12.57	0	0	0
217	SLV 7	0.65	-1.11	10.11	0	0	0
217	SLV 8	0.81	-1.08	10.17	0	0	0
217	SLV 9	-0.73	0.91	12.84	0	0	0
217	SLV 10	-0.57	0.94	12.9	0	0	0
217	SLV 11	-0.84	-1.15	10.45	0	0	0
217	SLV 12	-0.68	-1.12	10.51	0	0	0
217	SLV 13	-2.54	0.13	12.38	0	0	0
217	SLV 14	-2.3	0.18	12.48	0	0	0
217	SLV 15	-2.57	-0.49	11.67	0	0	0
217	SLV 16	-2.33	-0.44	11.76	0	0	0
218	SLU 1	0.04	-0.1	11	0	0	0
218	SLU 2	0.04	-0.09	11.02	0	0	0
218	SLU 3	0.04	-0.1	11.26	0	0	0
218	SLU 4	0.04	-0.09	11.27	0	0	0
218	SLU 5	0.04	-0.09	11.19	0	0	0
218	SLU 6	0.04	-0.11	11.43	0	0	0
218	SLU 7	0.04	-0.1	11.44	0	0	0
218	SLU 8	0.04	-0.11	11.33	0	0	0
218	SLU 9	0.04	-0.1	11.35	0	0	0
218	SLU 10	0.03	-0.08	12.35	0	0	0
218	SLU 11	0.04	-0.1	12.59	0	0	0
218	SLU 12	0.04	-0.09	12.6	0	0	0
218	SLU 13	0.03	-0.09	12.52	0	0	0
218	SLU 14	0.04	-0.1	12.75	0	0	0
218	SLU 15	0.04	-0.09	12.77	0	0	0
218	SLU 16	0.04	-0.1	12.66	0	0	0
218	SLU 17	0.04	-0.09	12.67	0	0	0
218	SLU 18	0.04	-0.1	12.9	0	0	0
218	SLU 19	0.04	-0.09	12.91	0	0	0
218	SLU 20	0.04	-0.1	13.07	0	0	0
218	SLU 21	0.04	-0.09	13.08	0	0	0
218	SLU 22	0.05	-0.09	12.16	0	0	0
218	SLU 23	0.04	-0.08	12.18	0	0	0
218	SLU 24	0.05	-0.09	12.41	0	0	0
218	SLU 25	0.05	-0.08	12.43	0	0	0
218	SLU 26	0.04	-0.08	12.34	0	0	0
218	SLU 27	0.05	-0.09	12.58	0	0	0
218	SLU 28	0.05	-0.08	12.59	0	0	0
218	SLU 29	0.05	-0.09	12.49	0	0	0
218	SLU 30	0.05	-0.08	12.5	0	0	0
218	SLU 31	0.04	-0.07	13.5	0	0	0
218	SLU 32	0.05	-0.08	13.74	0	0	0
218	SLU 33	0.05	-0.08	13.75	0	0	0
218	SLU 34	0.04	-0.07	13.67	0	0	0
218	SLU 35	0.05	-0.09	13.91	0	0	0
218	SLU 36	0.05	-0.08	13.92	0	0	0
218	SLU 37	0.05	-0.09	13.81	0	0	0
218	SLU 38	0.04	-0.08	13.83	0	0	0
218	SLU 39	0.05	-0.08	14.05	0	0	0
218	SLU 40	0.04	-0.07	14.07	0	0	0
218	SLU 41	0.05	-0.08	14.22	0	0	0
218	SLU 42	0.04	-0.07	14.23	0	0	0
218	SLU 43	0.05	-0.14	13.91	0	0	0
218	SLU 44	0.04	-0.12	13.93	0	0	0
218	SLU 45	0.05	-0.14	14.17	0	0	0
218	SLU 46	0.05	-0.13	14.18	0	0	0
218	SLU 47	0.04	-0.13	14.1	0	0	0
218	SLU 48	0.05	-0.14	14.33	0	0	0
218	SLU 49	0.05	-0.13	14.35	0	0	0
218	SLU 50	0.05	-0.14	14.24	0	0	0
218	SLU 51	0.05	-0.13	14.25	0	0	0
218	SLU 52	0.04	-0.12	15.26	0	0	0
218	SLU 53	0.05	-0.13	15.5	0	0	0
218	SLU 54	0.05	-0.13	15.51	0	0	0
218	SLU 55	0.04	-0.12	15.42	0	0	0
218	SLU 56	0.05	-0.14	15.66	0	0	0
218	SLU 57	0.05	-0.13	15.67	0	0	0
218	SLU 58	0.05	-0.14	15.57	0	0	0
218	SLU 59	0.05	-0.13	15.58	0	0	0
218	SLU 60	0.05	-0.13	15.81	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
218	SLU 61	0.05	-0.12	15.82	0	0	0
218	SLU 62	0.05	-0.13	15.97	0	0	0
218	SLU 63	0.05	-0.12	15.98	0	0	0
218	SLU 64	0.06	-0.13	15.06	0	0	0
218	SLU 65	0.05	-0.11	15.08	0	0	0
218	SLU 66	0.06	-0.13	15.32	0	0	0
218	SLU 67	0.06	-0.12	15.33	0	0	0
218	SLU 68	0.05	-0.11	15.25	0	0	0
218	SLU 69	0.06	-0.13	15.49	0	0	0
218	SLU 70	0.06	-0.12	15.5	0	0	0
218	SLU 71	0.06	-0.13	15.39	0	0	0
218	SLU 72	0.05	-0.12	15.41	0	0	0
218	SLU 73	0.05	-0.11	16.41	0	0	0
218	SLU 74	0.06	-0.12	16.65	0	0	0
218	SLU 75	0.05	-0.11	16.66	0	0	0
218	SLU 76	0.05	-0.11	16.58	0	0	0
218	SLU 77	0.06	-0.12	16.81	0	0	0
218	SLU 78	0.05	-0.11	16.83	0	0	0
218	SLU 79	0.06	-0.12	16.72	0	0	0
218	SLU 80	0.05	-0.11	16.73	0	0	0
218	SLU 81	0.06	-0.12	16.96	0	0	0
218	SLU 82	0.05	-0.11	16.97	0	0	0
218	SLU 83	0.06	-0.12	17.12	0	0	0
218	SLU 84	0.05	-0.11	17.14	0	0	0
218	SLE RA 1	0.04	-0.1	11.33	0	0	0
218	SLE RA 2	0.04	-0.09	11.35	0	0	0
218	SLE RA 3	0.04	-0.1	11.51	0	0	0
218	SLE RA 4	0.04	-0.09	11.51	0	0	0
218	SLE RA 5	0.04	-0.09	11.46	0	0	0
218	SLE RA 6	0.04	-0.1	11.62	0	0	0
218	SLE RA 7	0.04	-0.1	11.62	0	0	0
218	SLE RA 8	0.04	-0.1	11.55	0	0	0
218	SLE RA 9	0.04	-0.1	11.56	0	0	0
218	SLE RA 10	0.04	-0.09	12.23	0	0	0
218	SLE RA 11	0.04	-0.1	12.39	0	0	0
218	SLE RA 12	0.04	-0.09	12.4	0	0	0
218	SLE RA 13	0.04	-0.09	12.34	0	0	0
218	SLE RA 14	0.04	-0.1	12.5	0	0	0
218	SLE RA 15	0.04	-0.09	12.51	0	0	0
218	SLE RA 16	0.04	-0.1	12.44	0	0	0
218	SLE RA 17	0.04	-0.09	12.45	0	0	0
218	SLE RA 18	0.04	-0.09	12.6	0	0	0
218	SLE RA 19	0.04	-0.09	12.61	0	0	0
218	SLE RA 20	0.04	-0.1	12.71	0	0	0
218	SLE RA 21	0.04	-0.09	12.72	0	0	0
218	SLE FR 1	0.04	-0.1	11.33	0	0	0
218	SLE FR 2	0.04	-0.1	11.34	0	0	0
218	SLE FR 3	0.04	-0.1	11.38	0	0	0
218	SLE FR 4	0.04	-0.1	11.72	0	0	0
218	SLE FR 5	0.04	-0.1	11.76	0	0	0
218	SLE FR 6	0.04	-0.1	11.97	0	0	0
218	SLE QP 1	0.04	-0.1	11.33	0	0	0
218	SLE QP 2	0.04	-0.1	11.71	0	0	0
218	SLD 1	1.07	0.08	11.54	0	0	0
218	SLD 2	1.18	0.1	11.58	0	0	0
218	SLD 3	1.06	-0.2	11.22	0	0	0
218	SLD 4	1.16	-0.17	11.26	0	0	0
218	SLD 5	0.36	0.37	12.14	0	0	0
218	SLD 6	0.42	0.38	12.17	0	0	0
218	SLD 7	0.31	-0.55	11.07	0	0	0
218	SLD 8	0.38	-0.54	11.1	0	0	0
218	SLD 9	-0.29	0.34	12.33	0	0	0
218	SLD 10	-0.22	0.35	12.36	0	0	0
218	SLD 11	-0.34	-0.58	11.26	0	0	0
218	SLD 12	-0.27	-0.56	11.29	0	0	0
218	SLD 13	-1.08	-0.02	12.16	0	0	0
218	SLD 14	-0.97	0	12.21	0	0	0
218	SLD 15	-1.09	-0.3	11.84	0	0	0
218	SLD 16	-0.99	-0.27	11.89	0	0	0
218	SLV 1	2.46	0.3	11.29	0	0	0
218	SLV 2	2.7	0.36	11.4	0	0	0
218	SLV 3	2.42	-0.32	10.57	0	0	0
218	SLV 4	2.67	-0.27	10.67	0	0	0
218	SLV 5	0.78	0.96	12.67	0	0	0
218	SLV 6	0.93	1	12.74	0	0	0
218	SLV 7	0.66	-1.12	10.25	0	0	0
218	SLV 8	0.82	-1.09	10.31	0	0	0
218	SLV 9	-0.74	0.89	13.11	0	0	0
218	SLV 10	-0.58	0.93	13.18	0	0	0
218	SLV 11	-0.85	-1.19	10.69	0	0	0
218	SLV 12	-0.69	-1.16	10.75	0	0	0
218	SLV 13	-2.58	0.07	12.76	0	0	0
218	SLV 14	-2.34	0.13	12.86	0	0	0
218	SLV 15	-2.62	-0.56	12.03	0	0	0
218	SLV 16	-2.37	-0.5	12.13	0	0	0
219	SLU 1	0.04	-0.12	11.09	0	0	0
219	SLU 2	0.04	-0.1	11.11	0	0	0
219	SLU 3	0.04	-0.12	11.35	0	0	0
219	SLU 4	0.04	-0.11	11.36	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
219	SLU 5	0.04	-0.11	11.28	0	0	0
219	SLU 6	0.04	-0.12	11.52	0	0	0
219	SLU 7	0.04	-0.11	11.53	0	0	0
219	SLU 8	0.04	-0.12	11.42	0	0	0
219	SLU 9	0.04	-0.11	11.43	0	0	0
219	SLU 10	0.04	-0.1	12.44	0	0	0
219	SLU 11	0.04	-0.12	12.68	0	0	0
219	SLU 12	0.04	-0.11	12.69	0	0	0
219	SLU 13	0.04	-0.1	12.6	0	0	0
219	SLU 14	0.04	-0.12	12.84	0	0	0
219	SLU 15	0.04	-0.11	12.86	0	0	0
219	SLU 16	0.04	-0.12	12.75	0	0	0
219	SLU 17	0.04	-0.11	12.76	0	0	0
219	SLU 18	0.04	-0.11	12.99	0	0	0
219	SLU 19	0.04	-0.1	13	0	0	0
219	SLU 20	0.04	-0.12	13.16	0	0	0
219	SLU 21	0.04	-0.11	13.17	0	0	0
219	SLU 22	0.05	-0.11	12.25	0	0	0
219	SLU 23	0.05	-0.09	12.27	0	0	0
219	SLU 24	0.05	-0.11	12.51	0	0	0
219	SLU 25	0.05	-0.1	12.52	0	0	0
219	SLU 26	0.05	-0.09	12.44	0	0	0
219	SLU 27	0.05	-0.11	12.68	0	0	0
219	SLU 28	0.05	-0.1	12.69	0	0	0
219	SLU 29	0.05	-0.11	12.58	0	0	0
219	SLU 30	0.05	-0.1	12.59	0	0	0
219	SLU 31	0.05	-0.09	13.6	0	0	0
219	SLU 32	0.05	-0.1	13.84	0	0	0
219	SLU 33	0.05	-0.09	13.85	0	0	0
219	SLU 34	0.05	-0.09	13.77	0	0	0
219	SLU 35	0.05	-0.11	14.01	0	0	0
219	SLU 36	0.05	-0.1	14.02	0	0	0
219	SLU 37	0.05	-0.11	13.91	0	0	0
219	SLU 38	0.05	-0.1	13.92	0	0	0
219	SLU 39	0.05	-0.1	14.15	0	0	0
219	SLU 40	0.05	-0.09	14.16	0	0	0
219	SLU 41	0.05	-0.1	14.32	0	0	0
219	SLU 42	0.05	-0.09	14.33	0	0	0
219	SLU 43	0.05	-0.16	14.02	0	0	0
219	SLU 44	0.05	-0.14	14.04	0	0	0
219	SLU 45	0.05	-0.16	14.28	0	0	0
219	SLU 46	0.05	-0.15	14.29	0	0	0
219	SLU 47	0.05	-0.15	14.2	0	0	0
219	SLU 48	0.05	-0.16	14.44	0	0	0
219	SLU 49	0.05	-0.15	14.46	0	0	0
219	SLU 50	0.05	-0.16	14.35	0	0	0
219	SLU 51	0.05	-0.15	14.36	0	0	0
219	SLU 52	0.05	-0.14	15.37	0	0	0
219	SLU 53	0.05	-0.16	15.61	0	0	0
219	SLU 54	0.05	-0.15	15.62	0	0	0
219	SLU 55	0.05	-0.14	15.53	0	0	0
219	SLU 56	0.05	-0.16	15.77	0	0	0
219	SLU 57	0.05	-0.15	15.78	0	0	0
219	SLU 58	0.05	-0.16	15.68	0	0	0
219	SLU 59	0.05	-0.15	15.69	0	0	0
219	SLU 60	0.05	-0.15	15.92	0	0	0
219	SLU 61	0.05	-0.14	15.93	0	0	0
219	SLU 62	0.05	-0.16	16.08	0	0	0
219	SLU 63	0.05	-0.15	16.1	0	0	0
219	SLU 64	0.06	-0.15	15.18	0	0	0
219	SLU 65	0.06	-0.13	15.2	0	0	0
219	SLU 66	0.06	-0.15	15.44	0	0	0
219	SLU 67	0.06	-0.14	15.45	0	0	0
219	SLU 68	0.06	-0.13	15.37	0	0	0
219	SLU 69	0.06	-0.15	15.61	0	0	0
219	SLU 70	0.06	-0.14	15.62	0	0	0
219	SLU 71	0.06	-0.15	15.51	0	0	0
219	SLU 72	0.06	-0.14	15.52	0	0	0
219	SLU 73	0.06	-0.13	16.53	0	0	0
219	SLU 74	0.06	-0.14	16.77	0	0	0
219	SLU 75	0.06	-0.13	16.78	0	0	0
219	SLU 76	0.06	-0.13	16.69	0	0	0
219	SLU 77	0.06	-0.15	16.93	0	0	0
219	SLU 78	0.06	-0.14	16.95	0	0	0
219	SLU 79	0.06	-0.15	16.84	0	0	0
219	SLU 80	0.06	-0.14	16.85	0	0	0
219	SLU 81	0.06	-0.14	17.08	0	0	0
219	SLU 82	0.06	-0.13	17.09	0	0	0
219	SLU 83	0.06	-0.14	17.25	0	0	0
219	SLU 84	0.06	-0.13	17.26	0	0	0
219	SLE RA 1	0.04	-0.12	11.42	0	0	0
219	SLE RA 2	0.04	-0.11	11.43	0	0	0
219	SLE RA 3	0.05	-0.12	11.59	0	0	0
219	SLE RA 4	0.04	-0.11	11.6	0	0	0
219	SLE RA 5	0.04	-0.11	11.55	0	0	0
219	SLE RA 6	0.05	-0.12	11.71	0	0	0
219	SLE RA 7	0.04	-0.11	11.71	0	0	0
219	SLE RA 8	0.04	-0.12	11.64	0	0	0
219	SLE RA 9	0.04	-0.11	11.65	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
219	SLE RA 10	0.04	-0.1	12.32	0	0	0
219	SLE RA 11	0.04	-0.11	12.48	0	0	0
219	SLE RA 12	0.04	-0.11	12.49	0	0	0
219	SLE RA 13	0.04	-0.1	12.43	0	0	0
219	SLE RA 14	0.04	-0.11	12.59	0	0	0
219	SLE RA 15	0.04	-0.11	12.6	0	0	0
219	SLE RA 16	0.04	-0.12	12.53	0	0	0
219	SLE RA 17	0.04	-0.11	12.54	0	0	0
219	SLE RA 18	0.04	-0.11	12.69	0	0	0
219	SLE RA 19	0.04	-0.11	12.7	0	0	0
219	SLE RA 20	0.04	-0.11	12.8	0	0	0
219	SLE RA 21	0.04	-0.11	12.81	0	0	0
219	SLE FR 1	0.04	-0.12	11.42	0	0	0
219	SLE FR 2	0.04	-0.11	11.42	0	0	0
219	SLE FR 3	0.04	-0.12	11.47	0	0	0
219	SLE FR 4	0.04	-0.11	11.8	0	0	0
219	SLE FR 5	0.04	-0.12	11.85	0	0	0
219	SLE FR 6	0.04	-0.11	12.06	0	0	0
219	SLE QP 1	0.04	-0.12	11.42	0	0	0
219	SLE QP 2	0.04	-0.11	11.8	0	0	0
219	SLD 1	1.08	0.08	11.55	0	0	0
219	SLD 2	1.19	0.11	11.6	0	0	0
219	SLD 3	1.07	-0.2	11.23	0	0	0
219	SLD 4	1.18	-0.17	11.27	0	0	0
219	SLD 5	0.36	0.36	12.2	0	0	0
219	SLD 6	0.43	0.38	12.24	0	0	0
219	SLD 7	0.31	-0.56	11.13	0	0	0
219	SLD 8	0.38	-0.54	11.17	0	0	0
219	SLD 9	-0.29	0.31	12.44	0	0	0
219	SLD 10	-0.22	0.33	12.47	0	0	0
219	SLD 11	-0.34	-0.61	11.37	0	0	0
219	SLD 12	-0.27	-0.59	11.4	0	0	0
219	SLD 13	-1.09	-0.06	12.33	0	0	0
219	SLD 14	-0.98	-0.03	12.38	0	0	0
219	SLD 15	-1.1	-0.34	12.01	0	0	0
219	SLD 16	-1	-0.31	12.06	0	0	0
219	SLV 1	2.48	0.32	11.19	0	0	0
219	SLV 2	2.73	0.39	11.31	0	0	0
219	SLV 3	2.44	-0.3	10.46	0	0	0
219	SLV 4	2.69	-0.23	10.58	0	0	0
219	SLV 5	0.78	0.95	12.7	0	0	0
219	SLV 6	0.94	1	12.78	0	0	0
219	SLV 7	0.67	-1.13	10.28	0	0	0
219	SLV 8	0.83	-1.09	10.35	0	0	0
219	SLV 9	-0.74	0.86	13.25	0	0	0
219	SLV 10	-0.58	0.9	13.33	0	0	0
219	SLV 11	-0.86	-1.23	10.83	0	0	0
219	SLV 12	-0.7	-1.18	10.9	0	0	0
219	SLV 13	-2.6	0	13.03	0	0	0
219	SLV 14	-2.35	0.07	13.14	0	0	0
219	SLV 15	-2.64	-0.62	12.3	0	0	0
219	SLV 16	-2.39	-0.55	12.41	0	0	0
220	SLU 1	0.04	-0.13	11.12	0	0	0
220	SLU 2	0.04	-0.12	11.13	0	0	0
220	SLU 3	0.05	-0.14	11.38	0	0	0
220	SLU 4	0.04	-0.13	11.39	0	0	0
220	SLU 5	0.04	-0.12	11.3	0	0	0
220	SLU 6	0.05	-0.14	11.54	0	0	0
220	SLU 7	0.04	-0.13	11.55	0	0	0
220	SLU 8	0.04	-0.14	11.45	0	0	0
220	SLU 9	0.04	-0.13	11.46	0	0	0
220	SLU 10	0.04	-0.12	12.46	0	0	0
220	SLU 11	0.04	-0.13	12.7	0	0	0
220	SLU 12	0.04	-0.12	12.71	0	0	0
220	SLU 13	0.04	-0.12	12.62	0	0	0
220	SLU 14	0.04	-0.14	12.87	0	0	0
220	SLU 15	0.04	-0.13	12.88	0	0	0
220	SLU 16	0.04	-0.14	12.77	0	0	0
220	SLU 17	0.04	-0.13	12.78	0	0	0
220	SLU 18	0.04	-0.13	13.01	0	0	0
220	SLU 19	0.04	-0.12	13.02	0	0	0
220	SLU 20	0.04	-0.13	13.18	0	0	0
220	SLU 21	0.04	-0.12	13.19	0	0	0
220	SLU 22	0.05	-0.12	12.28	0	0	0
220	SLU 23	0.05	-0.11	12.3	0	0	0
220	SLU 24	0.05	-0.12	12.54	0	0	0
220	SLU 25	0.05	-0.12	12.55	0	0	0
220	SLU 26	0.05	-0.11	12.46	0	0	0
220	SLU 27	0.05	-0.13	12.71	0	0	0
220	SLU 28	0.05	-0.12	12.72	0	0	0
220	SLU 29	0.05	-0.13	12.61	0	0	0
220	SLU 30	0.05	-0.12	12.62	0	0	0
220	SLU 31	0.05	-0.11	13.62	0	0	0
220	SLU 32	0.05	-0.12	13.86	0	0	0
220	SLU 33	0.05	-0.11	13.87	0	0	0
220	SLU 34	0.05	-0.11	13.79	0	0	0
220	SLU 35	0.05	-0.13	14.03	0	0	0
220	SLU 36	0.05	-0.12	14.04	0	0	0
220	SLU 37	0.05	-0.13	13.94	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
220	SLU 38	0.05	-0.12	13.95	0	0	0
220	SLU 39	0.05	-0.12	14.17	0	0	0
220	SLU 40	0.05	-0.11	14.18	0	0	0
220	SLU 41	0.05	-0.12	14.34	0	0	0
220	SLU 42	0.05	-0.11	14.35	0	0	0
220	SLU 43	0.05	-0.18	14.05	0	0	0
220	SLU 44	0.05	-0.16	14.07	0	0	0
220	SLU 45	0.06	-0.18	14.31	0	0	0
220	SLU 46	0.05	-0.17	14.32	0	0	0
220	SLU 47	0.05	-0.16	14.24	0	0	0
220	SLU 48	0.06	-0.18	14.48	0	0	0
220	SLU 49	0.05	-0.17	14.49	0	0	0
220	SLU 50	0.05	-0.18	14.39	0	0	0
220	SLU 51	0.05	-0.17	14.4	0	0	0
220	SLU 52	0.05	-0.16	15.4	0	0	0
220	SLU 53	0.06	-0.18	15.64	0	0	0
220	SLU 54	0.05	-0.17	15.65	0	0	0
220	SLU 55	0.05	-0.16	15.56	0	0	0
220	SLU 56	0.05	-0.18	15.8	0	0	0
220	SLU 57	0.05	-0.17	15.81	0	0	0
220	SLU 58	0.05	-0.18	15.71	0	0	0
220	SLU 59	0.05	-0.17	15.72	0	0	0
220	SLU 60	0.05	-0.18	15.95	0	0	0
220	SLU 61	0.05	-0.17	15.96	0	0	0
220	SLU 62	0.05	-0.18	16.11	0	0	0
220	SLU 63	0.05	-0.17	16.12	0	0	0
220	SLU 64	0.06	-0.17	15.22	0	0	0
220	SLU 65	0.06	-0.15	15.24	0	0	0
220	SLU 66	0.06	-0.17	15.48	0	0	0
220	SLU 67	0.06	-0.16	15.49	0	0	0
220	SLU 68	0.06	-0.15	15.4	0	0	0
220	SLU 69	0.06	-0.17	15.64	0	0	0
220	SLU 70	0.06	-0.16	15.65	0	0	0
220	SLU 71	0.06	-0.17	15.55	0	0	0
220	SLU 72	0.06	-0.16	15.56	0	0	0
220	SLU 73	0.06	-0.15	16.56	0	0	0
220	SLU 74	0.06	-0.17	16.8	0	0	0
220	SLU 75	0.06	-0.16	16.81	0	0	0
220	SLU 76	0.06	-0.15	16.72	0	0	0
220	SLU 77	0.06	-0.17	16.97	0	0	0
220	SLU 78	0.06	-0.16	16.98	0	0	0
220	SLU 79	0.06	-0.17	16.87	0	0	0
220	SLU 80	0.06	-0.16	16.88	0	0	0
220	SLU 81	0.06	-0.17	17.11	0	0	0
220	SLU 82	0.06	-0.16	17.12	0	0	0
220	SLU 83	0.06	-0.17	17.28	0	0	0
220	SLU 84	0.06	-0.16	17.29	0	0	0
220	SLE RA 1	0.05	-0.13	11.45	0	0	0
220	SLE RA 2	0.04	-0.12	11.46	0	0	0
220	SLE RA 3	0.05	-0.13	11.62	0	0	0
220	SLE RA 4	0.05	-0.13	11.63	0	0	0
220	SLE RA 5	0.04	-0.12	11.57	0	0	0
220	SLE RA 6	0.05	-0.13	11.73	0	0	0
220	SLE RA 7	0.05	-0.13	11.74	0	0	0
220	SLE RA 8	0.05	-0.13	11.67	0	0	0
220	SLE RA 9	0.04	-0.13	11.68	0	0	0
220	SLE RA 10	0.04	-0.12	12.34	0	0	0
220	SLE RA 11	0.05	-0.13	12.51	0	0	0
220	SLE RA 12	0.05	-0.12	12.51	0	0	0
220	SLE RA 13	0.04	-0.12	12.46	0	0	0
220	SLE RA 14	0.05	-0.13	12.62	0	0	0
220	SLE RA 15	0.05	-0.13	12.62	0	0	0
220	SLE RA 16	0.05	-0.13	12.55	0	0	0
220	SLE RA 17	0.04	-0.13	12.56	0	0	0
220	SLE RA 18	0.05	-0.13	12.71	0	0	0
220	SLE RA 19	0.04	-0.12	12.72	0	0	0
220	SLE RA 20	0.05	-0.13	12.82	0	0	0
220	SLE RA 21	0.04	-0.12	12.83	0	0	0
220	SLE FR 1	0.05	-0.13	11.45	0	0	0
220	SLE FR 2	0.05	-0.13	11.45	0	0	0
220	SLE FR 3	0.05	-0.13	11.5	0	0	0
220	SLE FR 4	0.05	-0.13	11.83	0	0	0
220	SLE FR 5	0.05	-0.13	11.87	0	0	0
220	SLE FR 6	0.05	-0.13	12.08	0	0	0
220	SLE QP 1	0.05	-0.13	11.45	0	0	0
220	SLE QP 2	0.05	-0.13	11.83	0	0	0
220	SLD 1	1.09	0.07	11.49	0	0	0
220	SLD 2	1.19	0.11	11.54	0	0	0
220	SLD 3	1.07	-0.2	11.17	0	0	0
220	SLD 4	1.18	-0.16	11.22	0	0	0
220	SLD 5	0.36	0.34	12.2	0	0	0
220	SLD 6	0.43	0.36	12.24	0	0	0
220	SLD 7	0.31	-0.57	11.13	0	0	0
220	SLD 8	0.38	-0.55	11.17	0	0	0
220	SLD 9	-0.29	0.29	12.49	0	0	0
220	SLD 10	-0.22	0.31	12.52	0	0	0
220	SLD 11	-0.34	-0.62	11.42	0	0	0
220	SLD 12	-0.27	-0.6	11.46	0	0	0
220	SLD 13	-1.09	-0.1	12.44	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
220	SLD 14	-0.98	-0.06	12.49	0	0	0
220	SLD 15	-1.1	-0.37	12.12	0	0	0
220	SLD 16	-0.99	-0.34	12.17	0	0	0
220	SLV 1	2.48	0.34	11.01	0	0	0
220	SLV 2	2.73	0.42	11.14	0	0	0
220	SLV 3	2.45	-0.28	10.29	0	0	0
220	SLV 4	2.69	-0.2	10.41	0	0	0
220	SLV 5	0.79	0.94	12.66	0	0	0
220	SLV 6	0.95	0.99	12.74	0	0	0
220	SLV 7	0.67	-1.13	10.24	0	0	0
220	SLV 8	0.83	-1.08	10.33	0	0	0
220	SLV 9	-0.74	0.82	13.33	0	0	0
220	SLV 10	-0.58	0.87	13.41	0	0	0
220	SLV 11	-0.85	-1.25	10.91	0	0	0
220	SLV 12	-0.69	-1.2	11	0	0	0
220	SLV 13	-2.6	-0.06	13.25	0	0	0
220	SLV 14	-2.35	0.02	13.37	0	0	0
220	SLV 15	-2.64	-0.68	12.52	0	0	0
220	SLV 16	-2.39	-0.6	12.65	0	0	0
221	SLU 1	0.05	-0.15	11.1	0	0	0
221	SLU 2	0.04	-0.13	11.11	0	0	0
221	SLU 3	0.05	-0.15	11.36	0	0	0
221	SLU 4	0.04	-0.14	11.37	0	0	0
221	SLU 5	0.04	-0.13	11.28	0	0	0
221	SLU 6	0.05	-0.15	11.52	0	0	0
221	SLU 7	0.04	-0.14	11.53	0	0	0
221	SLU 8	0.05	-0.15	11.43	0	0	0
221	SLU 9	0.04	-0.14	11.44	0	0	0
221	SLU 10	0.04	-0.13	12.43	0	0	0
221	SLU 11	0.05	-0.15	12.67	0	0	0
221	SLU 12	0.04	-0.14	12.68	0	0	0
221	SLU 13	0.04	-0.13	12.59	0	0	0
221	SLU 14	0.05	-0.15	12.84	0	0	0
221	SLU 15	0.04	-0.14	12.85	0	0	0
221	SLU 16	0.05	-0.15	12.75	0	0	0
221	SLU 17	0.04	-0.14	12.75	0	0	0
221	SLU 18	0.05	-0.15	12.98	0	0	0
221	SLU 19	0.04	-0.14	12.99	0	0	0
221	SLU 20	0.05	-0.15	13.14	0	0	0
221	SLU 21	0.04	-0.14	13.15	0	0	0
221	SLU 22	0.06	-0.14	12.26	0	0	0
221	SLU 23	0.05	-0.12	12.28	0	0	0
221	SLU 24	0.06	-0.14	12.52	0	0	0
221	SLU 25	0.05	-0.13	12.53	0	0	0
221	SLU 26	0.05	-0.13	12.44	0	0	0
221	SLU 27	0.06	-0.14	12.69	0	0	0
221	SLU 28	0.05	-0.13	12.69	0	0	0
221	SLU 29	0.06	-0.14	12.59	0	0	0
221	SLU 30	0.05	-0.13	12.6	0	0	0
221	SLU 31	0.05	-0.12	13.59	0	0	0
221	SLU 32	0.06	-0.14	13.84	0	0	0
221	SLU 33	0.05	-0.13	13.85	0	0	0
221	SLU 34	0.05	-0.13	13.76	0	0	0
221	SLU 35	0.06	-0.14	14	0	0	0
221	SLU 36	0.05	-0.13	14.01	0	0	0
221	SLU 37	0.06	-0.15	13.91	0	0	0
221	SLU 38	0.05	-0.13	13.92	0	0	0
221	SLU 39	0.05	-0.14	14.14	0	0	0
221	SLU 40	0.05	-0.13	14.15	0	0	0
221	SLU 41	0.05	-0.14	14.31	0	0	0
221	SLU 42	0.05	-0.13	14.32	0	0	0
221	SLU 43	0.06	-0.2	14.03	0	0	0
221	SLU 44	0.05	-0.18	14.05	0	0	0
221	SLU 45	0.06	-0.2	14.29	0	0	0
221	SLU 46	0.06	-0.19	14.3	0	0	0
221	SLU 47	0.05	-0.18	14.21	0	0	0
221	SLU 48	0.06	-0.2	14.45	0	0	0
221	SLU 49	0.06	-0.19	14.46	0	0	0
221	SLU 50	0.06	-0.2	14.36	0	0	0
221	SLU 51	0.05	-0.19	14.37	0	0	0
221	SLU 52	0.05	-0.18	15.36	0	0	0
221	SLU 53	0.06	-0.2	15.6	0	0	0
221	SLU 54	0.05	-0.19	15.61	0	0	0
221	SLU 55	0.05	-0.18	15.53	0	0	0
221	SLU 56	0.06	-0.2	15.77	0	0	0
221	SLU 57	0.05	-0.19	15.78	0	0	0
221	SLU 58	0.06	-0.2	15.68	0	0	0
221	SLU 59	0.05	-0.19	15.69	0	0	0
221	SLU 60	0.06	-0.2	15.91	0	0	0
221	SLU 61	0.05	-0.19	15.92	0	0	0
221	SLU 62	0.06	-0.2	16.08	0	0	0
221	SLU 63	0.05	-0.19	16.08	0	0	0
221	SLU 64	0.07	-0.19	15.2	0	0	0
221	SLU 65	0.06	-0.17	15.21	0	0	0
221	SLU 66	0.07	-0.19	15.45	0	0	0
221	SLU 67	0.06	-0.18	15.46	0	0	0
221	SLU 68	0.06	-0.17	15.37	0	0	0
221	SLU 69	0.07	-0.19	15.62	0	0	0
221	SLU 70	0.06	-0.18	15.63	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
221	SLU 71	0.07	-0.19	15.53	0	0	0
221	SLU 72	0.06	-0.18	15.53	0	0	0
221	SLU 73	0.06	-0.17	16.53	0	0	0
221	SLU 74	0.07	-0.19	16.77	0	0	0
221	SLU 75	0.06	-0.18	16.78	0	0	0
221	SLU 76	0.06	-0.17	16.69	0	0	0
221	SLU 77	0.07	-0.19	16.93	0	0	0
221	SLU 78	0.06	-0.18	16.94	0	0	0
221	SLU 79	0.07	-0.19	16.84	0	0	0
221	SLU 80	0.06	-0.18	16.85	0	0	0
221	SLU 81	0.07	-0.19	17.08	0	0	0
221	SLU 82	0.06	-0.18	17.08	0	0	0
221	SLU 83	0.07	-0.19	17.24	0	0	0
221	SLU 84	0.06	-0.18	17.25	0	0	0
221	SLE RA 1	0.05	-0.15	11.43	0	0	0
221	SLE RA 2	0.05	-0.13	11.44	0	0	0
221	SLE RA 3	0.05	-0.15	11.6	0	0	0
221	SLE RA 4	0.05	-0.14	11.61	0	0	0
221	SLE RA 5	0.05	-0.14	11.55	0	0	0
221	SLE RA 6	0.05	-0.15	11.71	0	0	0
221	SLE RA 7	0.05	-0.14	11.72	0	0	0
221	SLE RA 8	0.05	-0.15	11.65	0	0	0
221	SLE RA 9	0.05	-0.14	11.66	0	0	0
221	SLE RA 10	0.05	-0.13	12.32	0	0	0
221	SLE RA 11	0.05	-0.15	12.48	0	0	0
221	SLE RA 12	0.05	-0.14	12.49	0	0	0
221	SLE RA 13	0.05	-0.14	12.43	0	0	0
221	SLE RA 14	0.05	-0.15	12.59	0	0	0
221	SLE RA 15	0.05	-0.14	12.6	0	0	0
221	SLE RA 16	0.05	-0.15	12.53	0	0	0
221	SLE RA 17	0.05	-0.14	12.54	0	0	0
221	SLE RA 18	0.05	-0.15	12.69	0	0	0
221	SLE RA 19	0.05	-0.14	12.69	0	0	0
221	SLE RA 20	0.05	-0.15	12.8	0	0	0
221	SLE RA 21	0.05	-0.14	12.8	0	0	0
221	SLE FR 1	0.05	-0.15	11.43	0	0	0
221	SLE FR 2	0.05	-0.14	11.44	0	0	0
221	SLE FR 3	0.05	-0.15	11.48	0	0	0
221	SLE FR 4	0.05	-0.14	11.81	0	0	0
221	SLE FR 5	0.05	-0.15	11.85	0	0	0
221	SLE FR 6	0.05	-0.15	12.06	0	0	0
221	SLE QP 1	0.05	-0.15	11.43	0	0	0
221	SLE QP 2	0.05	-0.15	11.81	0	0	0
221	SLD 1	1.08	0.07	11.37	0	0	0
221	SLD 2	1.19	0.11	11.43	0	0	0
221	SLD 3	1.07	-0.2	11.06	0	0	0
221	SLD 4	1.17	-0.16	11.11	0	0	0
221	SLD 5	0.36	0.32	12.15	0	0	0
221	SLD 6	0.43	0.35	12.19	0	0	0
221	SLD 7	0.31	-0.58	11.09	0	0	0
221	SLD 8	0.38	-0.55	11.13	0	0	0
221	SLD 9	-0.28	0.26	12.49	0	0	0
221	SLD 10	-0.21	0.29	12.53	0	0	0
221	SLD 11	-0.33	-0.64	11.43	0	0	0
221	SLD 12	-0.26	-0.61	11.47	0	0	0
221	SLD 13	-1.07	-0.13	12.5	0	0	0
221	SLD 14	-0.97	-0.09	12.56	0	0	0
221	SLD 15	-1.09	-0.4	12.19	0	0	0
221	SLD 16	-0.98	-0.36	12.24	0	0	0
221	SLV 1	2.46	0.35	10.78	0	0	0
221	SLV 2	2.71	0.44	10.91	0	0	0
221	SLV 3	2.43	-0.26	10.06	0	0	0
221	SLV 4	2.67	-0.17	10.19	0	0	0
221	SLV 5	0.78	0.92	12.57	0	0	0
221	SLV 6	0.94	0.97	12.66	0	0	0
221	SLV 7	0.67	-1.12	10.17	0	0	0
221	SLV 8	0.83	-1.07	10.25	0	0	0
221	SLV 9	-0.73	0.77	13.36	0	0	0
221	SLV 10	-0.57	0.83	13.45	0	0	0
221	SLV 11	-0.85	-1.27	10.96	0	0	0
221	SLV 12	-0.69	-1.21	11.05	0	0	0
221	SLV 13	-2.58	-0.12	13.43	0	0	0
221	SLV 14	-2.33	-0.03	13.56	0	0	0
221	SLV 15	-2.61	-0.73	12.7	0	0	0
221	SLV 16	-2.37	-0.64	12.84	0	0	0
222	SLU 1	0.05	-0.16	10.99	0	0	0
222	SLU 2	0.04	-0.14	11	0	0	0
222	SLU 3	0.05	-0.16	11.25	0	0	0
222	SLU 4	0.05	-0.15	11.25	0	0	0
222	SLU 5	0.04	-0.14	11.17	0	0	0
222	SLU 6	0.05	-0.16	11.41	0	0	0
222	SLU 7	0.05	-0.15	11.42	0	0	0
222	SLU 8	0.05	-0.16	11.32	0	0	0
222	SLU 9	0.04	-0.15	11.32	0	0	0
222	SLU 10	0.04	-0.14	12.3	0	0	0
222	SLU 11	0.05	-0.16	12.54	0	0	0
222	SLU 12	0.05	-0.15	12.55	0	0	0
222	SLU 13	0.04	-0.15	12.46	0	0	0
222	SLU 14	0.05	-0.17	12.71	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
222	SLU 15	0.05	-0.16	12.71	0	0	0
222	SLU 16	0.05	-0.17	12.62	0	0	0
222	SLU 17	0.04	-0.16	12.62	0	0	0
222	SLU 18	0.05	-0.16	12.85	0	0	0
222	SLU 19	0.04	-0.15	12.85	0	0	0
222	SLU 20	0.05	-0.16	13.01	0	0	0
222	SLU 21	0.04	-0.15	13.02	0	0	0
222	SLU 22	0.06	-0.15	12.15	0	0	0
222	SLU 23	0.05	-0.13	12.16	0	0	0
222	SLU 24	0.06	-0.15	12.4	0	0	0
222	SLU 25	0.06	-0.14	12.41	0	0	0
222	SLU 26	0.05	-0.14	12.32	0	0	0
222	SLU 27	0.06	-0.16	12.56	0	0	0
222	SLU 28	0.06	-0.15	12.57	0	0	0
222	SLU 29	0.06	-0.16	12.47	0	0	0
222	SLU 30	0.05	-0.15	12.48	0	0	0
222	SLU 31	0.05	-0.14	13.46	0	0	0
222	SLU 32	0.06	-0.16	13.7	0	0	0
222	SLU 33	0.05	-0.15	13.71	0	0	0
222	SLU 34	0.05	-0.14	13.62	0	0	0
222	SLU 35	0.06	-0.16	13.86	0	0	0
222	SLU 36	0.05	-0.15	13.87	0	0	0
222	SLU 37	0.06	-0.16	13.77	0	0	0
222	SLU 38	0.05	-0.15	13.78	0	0	0
222	SLU 39	0.06	-0.16	14	0	0	0
222	SLU 40	0.05	-0.14	14.01	0	0	0
222	SLU 41	0.06	-0.16	14.16	0	0	0
222	SLU 42	0.05	-0.15	14.17	0	0	0
222	SLU 43	0.06	-0.21	13.89	0	0	0
222	SLU 44	0.05	-0.19	13.91	0	0	0
222	SLU 45	0.06	-0.21	14.15	0	0	0
222	SLU 46	0.06	-0.2	14.15	0	0	0
222	SLU 47	0.05	-0.19	14.07	0	0	0
222	SLU 48	0.06	-0.21	14.31	0	0	0
222	SLU 49	0.06	-0.2	14.32	0	0	0
222	SLU 50	0.06	-0.21	14.22	0	0	0
222	SLU 51	0.06	-0.2	14.23	0	0	0
222	SLU 52	0.05	-0.19	15.2	0	0	0
222	SLU 53	0.06	-0.21	15.45	0	0	0
222	SLU 54	0.06	-0.2	15.45	0	0	0
222	SLU 55	0.05	-0.2	15.37	0	0	0
222	SLU 56	0.06	-0.22	15.61	0	0	0
222	SLU 57	0.06	-0.21	15.62	0	0	0
222	SLU 58	0.06	-0.22	15.52	0	0	0
222	SLU 59	0.06	-0.21	15.52	0	0	0
222	SLU 60	0.06	-0.21	15.75	0	0	0
222	SLU 61	0.06	-0.2	15.75	0	0	0
222	SLU 62	0.06	-0.21	15.91	0	0	0
222	SLU 63	0.06	-0.2	15.92	0	0	0
222	SLU 64	0.07	-0.2	15.05	0	0	0
222	SLU 65	0.06	-0.18	15.06	0	0	0
222	SLU 66	0.07	-0.2	15.3	0	0	0
222	SLU 67	0.07	-0.19	15.31	0	0	0
222	SLU 68	0.06	-0.19	15.22	0	0	0
222	SLU 69	0.07	-0.21	15.47	0	0	0
222	SLU 70	0.07	-0.2	15.47	0	0	0
222	SLU 71	0.07	-0.21	15.37	0	0	0
222	SLU 72	0.07	-0.2	15.38	0	0	0
222	SLU 73	0.06	-0.19	16.36	0	0	0
222	SLU 74	0.07	-0.21	16.6	0	0	0
222	SLU 75	0.07	-0.2	16.61	0	0	0
222	SLU 76	0.06	-0.19	16.52	0	0	0
222	SLU 77	0.07	-0.21	16.76	0	0	0
222	SLU 78	0.07	-0.2	16.77	0	0	0
222	SLU 79	0.07	-0.21	16.67	0	0	0
222	SLU 80	0.07	-0.2	16.68	0	0	0
222	SLU 81	0.07	-0.21	16.9	0	0	0
222	SLU 82	0.06	-0.19	16.91	0	0	0
222	SLU 83	0.07	-0.21	17.06	0	0	0
222	SLU 84	0.06	-0.2	17.07	0	0	0
222	SLE RA 1	0.05	-0.16	11.32	0	0	0
222	SLE RA 2	0.05	-0.15	11.33	0	0	0
222	SLE RA 3	0.05	-0.16	11.49	0	0	0
222	SLE RA 4	0.05	-0.15	11.5	0	0	0
222	SLE RA 5	0.05	-0.15	11.44	0	0	0
222	SLE RA 6	0.05	-0.16	11.6	0	0	0
222	SLE RA 7	0.05	-0.15	11.6	0	0	0
222	SLE RA 8	0.05	-0.16	11.54	0	0	0
222	SLE RA 9	0.05	-0.15	11.54	0	0	0
222	SLE RA 10	0.05	-0.15	12.19	0	0	0
222	SLE RA 11	0.05	-0.16	12.36	0	0	0
222	SLE RA 12	0.05	-0.15	12.36	0	0	0
222	SLE RA 13	0.05	-0.15	12.3	0	0	0
222	SLE RA 14	0.05	-0.16	12.47	0	0	0
222	SLE RA 15	0.05	-0.15	12.47	0	0	0
222	SLE RA 16	0.05	-0.16	12.4	0	0	0
222	SLE RA 17	0.05	-0.16	12.41	0	0	0
222	SLE RA 18	0.05	-0.16	12.56	0	0	0
222	SLE RA 19	0.05	-0.15	12.56	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
222	SLE RA 20	0.05	-0.16	12.67	0	0	0
222	SLE RA 21	0.05	-0.15	12.67	0	0	0
222	SLE FR 1	0.05	-0.16	11.32	0	0	0
222	SLE FR 2	0.05	-0.15	11.32	0	0	0
222	SLE FR 3	0.05	-0.16	11.37	0	0	0
222	SLE FR 4	0.05	-0.16	11.69	0	0	0
222	SLE FR 5	0.05	-0.16	11.74	0	0	0
222	SLE FR 6	0.05	-0.16	11.94	0	0	0
222	SLE QP 1	0.05	-0.16	11.32	0	0	0
222	SLE QP 2	0.05	-0.16	11.69	0	0	0
222	SLD 1	1.06	0.07	11.17	0	0	0
222	SLD 2	1.16	0.11	11.23	0	0	0
222	SLD 3	1.04	-0.2	10.86	0	0	0
222	SLD 4	1.15	-0.15	10.92	0	0	0
222	SLD 5	0.36	0.3	12	0	0	0
222	SLD 6	0.43	0.33	12.04	0	0	0
222	SLD 7	0.31	-0.58	10.95	0	0	0
222	SLD 8	0.38	-0.55	10.99	0	0	0
222	SLD 9	-0.27	0.23	12.39	0	0	0
222	SLD 10	-0.21	0.26	12.43	0	0	0
222	SLD 11	-0.33	-0.64	11.34	0	0	0
222	SLD 12	-0.26	-0.62	11.38	0	0	0
222	SLD 13	-1.05	-0.16	12.47	0	0	0
222	SLD 14	-0.94	-0.12	12.53	0	0	0
222	SLD 15	-1.06	-0.42	12.15	0	0	0
222	SLD 16	-0.96	-0.38	12.22	0	0	0
222	SLV 1	2.41	0.36	10.46	0	0	0
222	SLV 2	2.65	0.45	10.6	0	0	0
222	SLV 3	2.38	-0.24	9.75	0	0	0
222	SLV 4	2.62	-0.14	9.89	0	0	0
222	SLV 5	0.77	0.88	12.38	0	0	0
222	SLV 6	0.93	0.95	12.47	0	0	0
222	SLV 7	0.65	-1.1	10	0	0	0
222	SLV 8	0.81	-1.04	10.1	0	0	0
222	SLV 9	-0.71	0.72	13.29	0	0	0
222	SLV 10	-0.55	0.79	13.38	0	0	0
222	SLV 11	-0.83	-1.26	10.92	0	0	0
222	SLV 12	-0.67	-1.2	11.01	0	0	0
222	SLV 13	-2.52	-0.17	13.5	0	0	0
222	SLV 14	-2.28	-0.08	13.64	0	0	0
222	SLV 15	-2.55	-0.77	12.78	0	0	0
222	SLV 16	-2.31	-0.67	12.93	0	0	0
223	SLU 1	0.05	-0.16	10.64	0	0	0
223	SLU 2	0.04	-0.15	10.65	0	0	0
223	SLU 3	0.05	-0.17	10.89	0	0	0
223	SLU 4	0.05	-0.16	10.9	0	0	0
223	SLU 5	0.04	-0.15	10.81	0	0	0
223	SLU 6	0.05	-0.17	11.05	0	0	0
223	SLU 7	0.05	-0.16	11.05	0	0	0
223	SLU 8	0.05	-0.17	10.96	0	0	0
223	SLU 9	0.05	-0.16	10.96	0	0	0
223	SLU 10	0.04	-0.15	11.91	0	0	0
223	SLU 11	0.05	-0.17	12.14	0	0	0
223	SLU 12	0.05	-0.16	12.15	0	0	0
223	SLU 13	0.04	-0.15	12.06	0	0	0
223	SLU 14	0.05	-0.17	12.3	0	0	0
223	SLU 15	0.05	-0.16	12.31	0	0	0
223	SLU 16	0.05	-0.17	12.21	0	0	0
223	SLU 17	0.04	-0.16	12.22	0	0	0
223	SLU 18	0.05	-0.17	12.43	0	0	0
223	SLU 19	0.04	-0.16	12.44	0	0	0
223	SLU 20	0.05	-0.17	12.59	0	0	0
223	SLU 21	0.04	-0.16	12.6	0	0	0
223	SLU 22	0.06	-0.16	11.77	0	0	0
223	SLU 23	0.05	-0.14	11.78	0	0	0
223	SLU 24	0.06	-0.16	12.01	0	0	0
223	SLU 25	0.05	-0.15	12.02	0	0	0
223	SLU 26	0.05	-0.15	11.93	0	0	0
223	SLU 27	0.06	-0.17	12.17	0	0	0
223	SLU 28	0.05	-0.16	12.18	0	0	0
223	SLU 29	0.06	-0.17	12.08	0	0	0
223	SLU 30	0.05	-0.16	12.09	0	0	0
223	SLU 31	0.05	-0.15	13.03	0	0	0
223	SLU 32	0.06	-0.17	13.27	0	0	0
223	SLU 33	0.05	-0.16	13.27	0	0	0
223	SLU 34	0.05	-0.15	13.19	0	0	0
223	SLU 35	0.06	-0.17	13.42	0	0	0
223	SLU 36	0.05	-0.16	13.43	0	0	0
223	SLU 37	0.06	-0.17	13.33	0	0	0
223	SLU 38	0.05	-0.16	13.34	0	0	0
223	SLU 39	0.06	-0.17	13.56	0	0	0
223	SLU 40	0.05	-0.15	13.56	0	0	0
223	SLU 41	0.06	-0.17	13.71	0	0	0
223	SLU 42	0.05	-0.16	13.72	0	0	0
223	SLU 43	0.06	-0.22	13.45	0	0	0
223	SLU 44	0.05	-0.2	13.46	0	0	0
223	SLU 45	0.06	-0.22	13.7	0	0	0
223	SLU 46	0.06	-0.21	13.7	0	0	0
223	SLU 47	0.05	-0.2	13.62	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
223	SLU 48	0.06	-0.22	13.86	0	0	0
223	SLU 49	0.06	-0.21	13.86	0	0	0
223	SLU 50	0.06	-0.22	13.77	0	0	0
223	SLU 51	0.06	-0.21	13.77	0	0	0
223	SLU 52	0.05	-0.2	14.71	0	0	0
223	SLU 53	0.06	-0.22	14.95	0	0	0
223	SLU 54	0.06	-0.21	14.96	0	0	0
223	SLU 55	0.05	-0.2	14.87	0	0	0
223	SLU 56	0.06	-0.22	15.11	0	0	0
223	SLU 57	0.06	-0.21	15.11	0	0	0
223	SLU 58	0.06	-0.23	15.02	0	0	0
223	SLU 59	0.06	-0.21	15.03	0	0	0
223	SLU 60	0.06	-0.22	15.24	0	0	0
223	SLU 61	0.06	-0.21	15.25	0	0	0
223	SLU 62	0.06	-0.22	15.4	0	0	0
223	SLU 63	0.06	-0.21	15.41	0	0	0
223	SLU 64	0.07	-0.21	14.57	0	0	0
223	SLU 65	0.06	-0.19	14.58	0	0	0
223	SLU 66	0.07	-0.21	14.82	0	0	0
223	SLU 67	0.07	-0.2	14.83	0	0	0
223	SLU 68	0.06	-0.2	14.74	0	0	0
223	SLU 69	0.07	-0.22	14.98	0	0	0
223	SLU 70	0.07	-0.21	14.98	0	0	0
223	SLU 71	0.07	-0.22	14.89	0	0	0
223	SLU 72	0.07	-0.21	14.9	0	0	0
223	SLU 73	0.06	-0.2	15.84	0	0	0
223	SLU 74	0.07	-0.22	16.07	0	0	0
223	SLU 75	0.07	-0.21	16.08	0	0	0
223	SLU 76	0.06	-0.2	15.99	0	0	0
223	SLU 77	0.07	-0.22	16.23	0	0	0
223	SLU 78	0.07	-0.21	16.24	0	0	0
223	SLU 79	0.07	-0.22	16.14	0	0	0
223	SLU 80	0.07	-0.21	16.15	0	0	0
223	SLU 81	0.07	-0.22	16.36	0	0	0
223	SLU 82	0.07	-0.21	16.37	0	0	0
223	SLU 83	0.07	-0.22	16.52	0	0	0
223	SLU 84	0.07	-0.21	16.53	0	0	0
223	SLE RA 1	0.05	-0.16	10.96	0	0	0
223	SLE RA 2	0.05	-0.15	10.97	0	0	0
223	SLE RA 3	0.05	-0.16	11.13	0	0	0
223	SLE RA 4	0.05	-0.16	11.13	0	0	0
223	SLE RA 5	0.05	-0.15	11.08	0	0	0
223	SLE RA 6	0.05	-0.17	11.23	0	0	0
223	SLE RA 7	0.05	-0.16	11.24	0	0	0
223	SLE RA 8	0.05	-0.17	11.18	0	0	0
223	SLE RA 9	0.05	-0.16	11.18	0	0	0
223	SLE RA 10	0.05	-0.15	11.81	0	0	0
223	SLE RA 11	0.05	-0.17	11.96	0	0	0
223	SLE RA 12	0.05	-0.16	11.97	0	0	0
223	SLE RA 13	0.05	-0.16	11.91	0	0	0
223	SLE RA 14	0.05	-0.17	12.07	0	0	0
223	SLE RA 15	0.05	-0.16	12.07	0	0	0
223	SLE RA 16	0.05	-0.17	12.01	0	0	0
223	SLE RA 17	0.05	-0.16	12.01	0	0	0
223	SLE RA 18	0.05	-0.17	12.16	0	0	0
223	SLE RA 19	0.05	-0.16	12.16	0	0	0
223	SLE RA 20	0.05	-0.17	12.26	0	0	0
223	SLE RA 21	0.05	-0.16	12.27	0	0	0
223	SLE FR 1	0.05	-0.16	10.96	0	0	0
223	SLE FR 2	0.05	-0.16	10.97	0	0	0
223	SLE FR 3	0.05	-0.16	11.01	0	0	0
223	SLE FR 4	0.05	-0.16	11.32	0	0	0
223	SLE FR 5	0.05	-0.17	11.36	0	0	0
223	SLE FR 6	0.05	-0.17	11.56	0	0	0
223	SLE QP 1	0.05	-0.16	10.96	0	0	0
223	SLE QP 2	0.05	-0.16	11.32	0	0	0
223	SLD 1	1.01	0.06	10.73	0	0	0
223	SLD 2	1.11	0.1	10.79	0	0	0
223	SLD 3	1	-0.19	10.42	0	0	0
223	SLD 4	1.1	-0.15	10.49	0	0	0
223	SLD 5	0.34	0.27	11.6	0	0	0
223	SLD 6	0.41	0.3	11.64	0	0	0
223	SLD 7	0.29	-0.56	10.58	0	0	0
223	SLD 8	0.36	-0.53	10.62	0	0	0
223	SLD 9	-0.26	0.2	12.02	0	0	0
223	SLD 10	-0.19	0.23	12.07	0	0	0
223	SLD 11	-0.31	-0.63	11.01	0	0	0
223	SLD 12	-0.24	-0.6	11.05	0	0	0
223	SLD 13	-1	-0.18	12.16	0	0	0
223	SLD 14	-0.9	-0.14	12.22	0	0	0
223	SLD 15	-1.01	-0.43	11.85	0	0	0
223	SLD 16	-0.91	-0.39	11.92	0	0	0
223	SLV 1	2.3	0.35	9.92	0	0	0
223	SLV 2	2.53	0.45	10.07	0	0	0
223	SLV 3	2.27	-0.22	9.23	0	0	0
223	SLV 4	2.5	-0.11	9.38	0	0	0
223	SLV 5	0.74	0.83	11.92	0	0	0
223	SLV 6	0.89	0.9	12.02	0	0	0
223	SLV 7	0.62	-1.06	9.62	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
223	SLV 8	0.77	-0.99	9.72	0	0	0
223	SLV 9	-0.67	0.66	12.93	0	0	0
223	SLV 10	-0.52	0.73	13.02	0	0	0
223	SLV 11	-0.78	-1.22	10.63	0	0	0
223	SLV 12	-0.64	-1.16	10.72	0	0	0
223	SLV 13	-2.4	-0.22	13.27	0	0	0
223	SLV 14	-2.17	-0.11	13.41	0	0	0
223	SLV 15	-2.43	-0.78	12.58	0	0	0
223	SLV 16	-2.2	-0.68	12.72	0	0	0
224	SLU 1	0.05	-0.17	10.38	0	0	0
224	SLU 2	0.04	-0.15	10.38	0	0	0
224	SLU 3	0.05	-0.17	10.62	0	0	0
224	SLU 4	0.04	-0.16	10.62	0	0	0
224	SLU 5	0.04	-0.16	10.54	0	0	0
224	SLU 6	0.05	-0.18	10.77	0	0	0
224	SLU 7	0.04	-0.17	10.77	0	0	0
224	SLU 8	0.05	-0.18	10.68	0	0	0
224	SLU 9	0.04	-0.17	10.69	0	0	0
224	SLU 10	0.04	-0.16	11.6	0	0	0
224	SLU 11	0.05	-0.18	11.84	0	0	0
224	SLU 12	0.04	-0.17	11.84	0	0	0
224	SLU 13	0.04	-0.16	11.76	0	0	0
224	SLU 14	0.05	-0.18	11.99	0	0	0
224	SLU 15	0.04	-0.17	11.99	0	0	0
224	SLU 16	0.05	-0.18	11.9	0	0	0
224	SLU 17	0.04	-0.17	11.91	0	0	0
224	SLU 18	0.05	-0.18	12.12	0	0	0
224	SLU 19	0.04	-0.17	12.12	0	0	0
224	SLU 20	0.05	-0.18	12.27	0	0	0
224	SLU 21	0.04	-0.17	12.28	0	0	0
224	SLU 22	0.06	-0.17	11.47	0	0	0
224	SLU 23	0.05	-0.15	11.48	0	0	0
224	SLU 24	0.06	-0.17	11.71	0	0	0
224	SLU 25	0.05	-0.16	11.72	0	0	0
224	SLU 26	0.05	-0.15	11.64	0	0	0
224	SLU 27	0.06	-0.17	11.87	0	0	0
224	SLU 28	0.05	-0.16	11.87	0	0	0
224	SLU 29	0.06	-0.18	11.78	0	0	0
224	SLU 30	0.05	-0.16	11.79	0	0	0
224	SLU 31	0.05	-0.16	12.7	0	0	0
224	SLU 32	0.06	-0.18	12.93	0	0	0
224	SLU 33	0.05	-0.17	12.94	0	0	0
224	SLU 34	0.05	-0.16	12.85	0	0	0
224	SLU 35	0.06	-0.18	13.09	0	0	0
224	SLU 36	0.05	-0.17	13.09	0	0	0
224	SLU 37	0.06	-0.18	13	0	0	0
224	SLU 38	0.05	-0.17	13.01	0	0	0
224	SLU 39	0.05	-0.18	13.22	0	0	0
224	SLU 40	0.05	-0.17	13.22	0	0	0
224	SLU 41	0.06	-0.18	13.37	0	0	0
224	SLU 42	0.05	-0.17	13.37	0	0	0
224	SLU 43	0.06	-0.22	13.11	0	0	0
224	SLU 44	0.05	-0.21	13.12	0	0	0
224	SLU 45	0.06	-0.23	13.35	0	0	0
224	SLU 46	0.06	-0.22	13.36	0	0	0
224	SLU 47	0.05	-0.21	13.27	0	0	0
224	SLU 48	0.06	-0.23	13.51	0	0	0
224	SLU 49	0.06	-0.22	13.51	0	0	0
224	SLU 50	0.06	-0.23	13.42	0	0	0
224	SLU 51	0.05	-0.22	13.43	0	0	0
224	SLU 52	0.05	-0.21	14.34	0	0	0
224	SLU 53	0.06	-0.23	14.57	0	0	0
224	SLU 54	0.06	-0.22	14.58	0	0	0
224	SLU 55	0.05	-0.21	14.49	0	0	0
224	SLU 56	0.06	-0.24	14.73	0	0	0
224	SLU 57	0.06	-0.22	14.73	0	0	0
224	SLU 58	0.06	-0.24	14.64	0	0	0
224	SLU 59	0.05	-0.23	14.64	0	0	0
224	SLU 60	0.06	-0.23	14.86	0	0	0
224	SLU 61	0.05	-0.22	14.86	0	0	0
224	SLU 62	0.06	-0.23	15.01	0	0	0
224	SLU 63	0.05	-0.22	15.01	0	0	0
224	SLU 64	0.07	-0.22	14.21	0	0	0
224	SLU 65	0.06	-0.2	14.22	0	0	0
224	SLU 66	0.07	-0.22	14.45	0	0	0
224	SLU 67	0.06	-0.21	14.46	0	0	0
224	SLU 68	0.06	-0.21	14.37	0	0	0
224	SLU 69	0.07	-0.23	14.61	0	0	0
224	SLU 70	0.06	-0.22	14.61	0	0	0
224	SLU 71	0.07	-0.23	14.52	0	0	0
224	SLU 72	0.06	-0.22	14.52	0	0	0
224	SLU 73	0.06	-0.21	15.44	0	0	0
224	SLU 74	0.07	-0.23	15.67	0	0	0
224	SLU 75	0.06	-0.22	15.67	0	0	0
224	SLU 76	0.06	-0.21	15.59	0	0	0
224	SLU 77	0.07	-0.23	15.82	0	0	0
224	SLU 78	0.06	-0.22	15.83	0	0	0
224	SLU 79	0.07	-0.23	15.74	0	0	0
224	SLU 80	0.06	-0.22	15.74	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
224	SLU 81	0.07	-0.23	15.95	0	0	0
224	SLU 82	0.06	-0.22	15.96	0	0	0
224	SLU 83	0.07	-0.23	16.11	0	0	0
224	SLU 84	0.06	-0.22	16.11	0	0	0
224	SLE RA 1	0.05	-0.17	10.69	0	0	0
224	SLE RA 2	0.05	-0.16	10.69	0	0	0
224	SLE RA 3	0.05	-0.17	10.85	0	0	0
224	SLE RA 4	0.05	-0.17	10.85	0	0	0
224	SLE RA 5	0.05	-0.16	10.8	0	0	0
224	SLE RA 6	0.05	-0.17	10.95	0	0	0
224	SLE RA 7	0.05	-0.17	10.96	0	0	0
224	SLE RA 8	0.05	-0.18	10.9	0	0	0
224	SLE RA 9	0.05	-0.17	10.9	0	0	0
224	SLE RA 10	0.05	-0.16	11.51	0	0	0
224	SLE RA 11	0.05	-0.18	11.66	0	0	0
224	SLE RA 12	0.05	-0.17	11.67	0	0	0
224	SLE RA 13	0.05	-0.16	11.61	0	0	0
224	SLE RA 14	0.05	-0.18	11.77	0	0	0
224	SLE RA 15	0.05	-0.17	11.77	0	0	0
224	SLE RA 16	0.05	-0.18	11.71	0	0	0
224	SLE RA 17	0.05	-0.17	11.71	0	0	0
224	SLE RA 18	0.05	-0.18	11.85	0	0	0
224	SLE RA 19	0.05	-0.17	11.85	0	0	0
224	SLE RA 20	0.05	-0.18	11.95	0	0	0
224	SLE RA 21	0.05	-0.17	11.96	0	0	0
224	SLE FR 1	0.05	-0.17	10.69	0	0	0
224	SLE FR 2	0.05	-0.17	10.69	0	0	0
224	SLE FR 3	0.05	-0.17	10.73	0	0	0
224	SLE FR 4	0.05	-0.17	11.04	0	0	0
224	SLE FR 5	0.05	-0.17	11.08	0	0	0
224	SLE FR 6	0.05	-0.17	11.27	0	0	0
224	SLE QP 1	0.05	-0.17	10.69	0	0	0
224	SLE QP 2	0.05	-0.17	11.04	0	0	0
224	SLD 1	0.97	0.05	10.38	0	0	0
224	SLD 2	1.07	0.1	10.44	0	0	0
224	SLD 3	0.96	-0.19	10.08	0	0	0
224	SLD 4	1.05	-0.14	10.15	0	0	0
224	SLD 5	0.33	0.25	11.28	0	0	0
224	SLD 6	0.39	0.28	11.32	0	0	0
224	SLD 7	0.28	-0.55	10.29	0	0	0
224	SLD 8	0.35	-0.52	10.33	0	0	0
224	SLD 9	-0.25	0.17	11.75	0	0	0
224	SLD 10	-0.19	0.2	11.79	0	0	0
224	SLD 11	-0.29	-0.62	10.75	0	0	0
224	SLD 12	-0.23	-0.59	10.8	0	0	0
224	SLD 13	-0.95	-0.21	11.93	0	0	0
224	SLD 14	-0.86	-0.16	12	0	0	0
224	SLD 15	-0.97	-0.44	11.63	0	0	0
224	SLD 16	-0.87	-0.4	11.7	0	0	0
224	SLV 1	2.21	0.35	9.49	0	0	0
224	SLV 2	2.43	0.45	9.64	0	0	0
224	SLV 3	2.17	-0.19	8.81	0	0	0
224	SLV 4	2.4	-0.09	8.96	0	0	0
224	SLV 5	0.71	0.78	11.57	0	0	0
224	SLV 6	0.85	0.85	11.67	0	0	0
224	SLV 7	0.6	-1.02	9.32	0	0	0
224	SLV 8	0.74	-0.95	9.42	0	0	0
224	SLV 9	-0.64	0.6	12.66	0	0	0
224	SLV 10	-0.5	0.67	12.76	0	0	0
224	SLV 11	-0.75	-1.2	10.41	0	0	0
224	SLV 12	-0.61	-1.13	10.51	0	0	0
224	SLV 13	-2.3	-0.26	13.12	0	0	0
224	SLV 14	-2.08	-0.15	13.27	0	0	0
224	SLV 15	-2.33	-0.8	12.44	0	0	0
224	SLV 16	-2.11	-0.69	12.59	0	0	0
224	CRTFP Ux+	0	0	0	0	0	0
224	CRTFP Ux-	0	0	0	0	0	0
225	SLU 1	0.02	-0.09	5.2	0	0	0
225	SLU 2	0.02	-0.08	5.2	0	0	0
225	SLU 3	0.02	-0.09	5.32	0	0	0
225	SLU 4	0.02	-0.09	5.32	0	0	0
225	SLU 5	0.02	-0.09	5.28	0	0	0
225	SLU 6	0.02	-0.1	5.39	0	0	0
225	SLU 7	0.02	-0.09	5.4	0	0	0
225	SLU 8	0.02	-0.1	5.35	0	0	0
225	SLU 9	0.02	-0.09	5.35	0	0	0
225	SLU 10	0.02	-0.09	5.81	0	0	0
225	SLU 11	0.02	-0.1	5.93	0	0	0
225	SLU 12	0.02	-0.09	5.93	0	0	0
225	SLU 13	0.02	-0.09	5.89	0	0	0
225	SLU 14	0.02	-0.1	6	0	0	0
225	SLU 15	0.02	-0.09	6.01	0	0	0
225	SLU 16	0.02	-0.1	5.96	0	0	0
225	SLU 17	0.02	-0.09	5.96	0	0	0
225	SLU 18	0.02	-0.1	6.07	0	0	0
225	SLU 19	0.02	-0.09	6.07	0	0	0
225	SLU 20	0.02	-0.1	6.15	0	0	0
225	SLU 21	0.02	-0.09	6.15	0	0	0
225	SLU 22	0.03	-0.09	5.75	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
225	SLU 23	0.02	-0.08	5.75	0	0	0
225	SLU 24	0.03	-0.09	5.87	0	0	0
225	SLU 25	0.03	-0.09	5.87	0	0	0
225	SLU 26	0.02	-0.08	5.83	0	0	0
225	SLU 27	0.03	-0.1	5.95	0	0	0
225	SLU 28	0.03	-0.09	5.95	0	0	0
225	SLU 29	0.03	-0.1	5.9	0	0	0
225	SLU 30	0.03	-0.09	5.9	0	0	0
225	SLU 31	0.02	-0.09	6.36	0	0	0
225	SLU 32	0.03	-0.1	6.48	0	0	0
225	SLU 33	0.03	-0.09	6.48	0	0	0
225	SLU 34	0.02	-0.09	6.44	0	0	0
225	SLU 35	0.03	-0.1	6.56	0	0	0
225	SLU 36	0.03	-0.09	6.56	0	0	0
225	SLU 37	0.03	-0.1	6.51	0	0	0
225	SLU 38	0.03	-0.09	6.51	0	0	0
225	SLU 39	0.03	-0.1	6.62	0	0	0
225	SLU 40	0.03	-0.09	6.62	0	0	0
225	SLU 41	0.03	-0.1	6.7	0	0	0
225	SLU 42	0.03	-0.09	6.7	0	0	0
225	SLU 43	0.03	-0.12	6.57	0	0	0
225	SLU 44	0.03	-0.11	6.57	0	0	0
225	SLU 45	0.03	-0.12	6.69	0	0	0
225	SLU 46	0.03	-0.12	6.69	0	0	0
225	SLU 47	0.03	-0.11	6.65	0	0	0
225	SLU 48	0.03	-0.12	6.76	0	0	0
225	SLU 49	0.03	-0.12	6.77	0	0	0
225	SLU 50	0.03	-0.12	6.72	0	0	0
225	SLU 51	0.03	-0.12	6.72	0	0	0
225	SLU 52	0.03	-0.11	7.18	0	0	0
225	SLU 53	0.03	-0.13	7.3	0	0	0
225	SLU 54	0.03	-0.12	7.3	0	0	0
225	SLU 55	0.03	-0.12	7.26	0	0	0
225	SLU 56	0.03	-0.13	7.37	0	0	0
225	SLU 57	0.03	-0.12	7.38	0	0	0
225	SLU 58	0.03	-0.13	7.33	0	0	0
225	SLU 59	0.03	-0.12	7.33	0	0	0
225	SLU 60	0.03	-0.13	7.44	0	0	0
225	SLU 61	0.03	-0.12	7.44	0	0	0
225	SLU 62	0.03	-0.13	7.52	0	0	0
225	SLU 63	0.03	-0.12	7.52	0	0	0
225	SLU 64	0.03	-0.12	7.12	0	0	0
225	SLU 65	0.03	-0.11	7.12	0	0	0
225	SLU 66	0.03	-0.12	7.24	0	0	0
225	SLU 67	0.03	-0.12	7.24	0	0	0
225	SLU 68	0.03	-0.11	7.2	0	0	0
225	SLU 69	0.03	-0.12	7.32	0	0	0
225	SLU 70	0.03	-0.12	7.32	0	0	0
225	SLU 71	0.03	-0.12	7.27	0	0	0
225	SLU 72	0.03	-0.12	7.27	0	0	0
225	SLU 73	0.03	-0.11	7.73	0	0	0
225	SLU 74	0.03	-0.13	7.85	0	0	0
225	SLU 75	0.03	-0.12	7.85	0	0	0
225	SLU 76	0.03	-0.12	7.81	0	0	0
225	SLU 77	0.03	-0.13	7.93	0	0	0
225	SLU 78	0.03	-0.12	7.93	0	0	0
225	SLU 79	0.03	-0.13	7.88	0	0	0
225	SLU 80	0.03	-0.12	7.88	0	0	0
225	SLU 81	0.03	-0.12	7.99	0	0	0
225	SLU 82	0.03	-0.12	7.99	0	0	0
225	SLU 83	0.03	-0.13	8.07	0	0	0
225	SLU 84	0.03	-0.12	8.07	0	0	0
225	SLE RA 1	0.02	-0.09	5.36	0	0	0
225	SLE RA 2	0.02	-0.09	5.36	0	0	0
225	SLE RA 3	0.02	-0.09	5.44	0	0	0
225	SLE RA 4	0.02	-0.09	5.44	0	0	0
225	SLE RA 5	0.02	-0.09	5.41	0	0	0
225	SLE RA 6	0.02	-0.09	5.49	0	0	0
225	SLE RA 7	0.02	-0.09	5.49	0	0	0
225	SLE RA 8	0.02	-0.09	5.46	0	0	0
225	SLE RA 9	0.02	-0.09	5.46	0	0	0
225	SLE RA 10	0.02	-0.09	5.76	0	0	0
225	SLE RA 11	0.02	-0.1	5.84	0	0	0
225	SLE RA 12	0.02	-0.09	5.84	0	0	0
225	SLE RA 13	0.02	-0.09	5.81	0	0	0
225	SLE RA 14	0.02	-0.1	5.89	0	0	0
225	SLE RA 15	0.02	-0.09	5.89	0	0	0
225	SLE RA 16	0.02	-0.1	5.86	0	0	0
225	SLE RA 17	0.02	-0.09	5.87	0	0	0
225	SLE RA 18	0.02	-0.1	5.94	0	0	0
225	SLE RA 19	0.02	-0.09	5.94	0	0	0
225	SLE RA 20	0.02	-0.1	5.99	0	0	0
225	SLE RA 21	0.02	-0.09	5.99	0	0	0
225	SLE FR 1	0.02	-0.09	5.36	0	0	0
225	SLE FR 2	0.02	-0.09	5.36	0	0	0
225	SLE FR 3	0.02	-0.09	5.38	0	0	0
225	SLE FR 4	0.02	-0.09	5.53	0	0	0
225	SLE FR 5	0.02	-0.09	5.55	0	0	0
225	SLE FR 6	0.02	-0.09	5.65	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
225	SLE QP 1	0.02	-0.09	5.36	0	0	0
225	SLE QP 2	0.02	-0.09	5.53	0	0	0
225	SLD 1	0.48	0.02	5.16	0	0	0
225	SLD 2	0.53	0.05	5.19	0	0	0
225	SLD 3	0.47	-0.09	5.01	0	0	0
225	SLD 4	0.52	-0.07	5.04	0	0	0
225	SLD 5	0.16	0.11	5.64	0	0	0
225	SLD 6	0.19	0.13	5.66	0	0	0
225	SLD 7	0.14	-0.27	5.14	0	0	0
225	SLD 8	0.17	-0.26	5.16	0	0	0
225	SLD 9	-0.12	0.07	5.9	0	0	0
225	SLD 10	-0.09	0.09	5.92	0	0	0
225	SLD 11	-0.15	-0.32	5.4	0	0	0
225	SLD 12	-0.11	-0.3	5.42	0	0	0
225	SLD 13	-0.47	-0.12	6.01	0	0	0
225	SLD 14	-0.42	-0.09	6.05	0	0	0
225	SLD 15	-0.48	-0.24	5.86	0	0	0
225	SLD 16	-0.43	-0.21	5.9	0	0	0
225	SLV 1	1.09	0.18	4.66	0	0	0
225	SLV 2	1.2	0.24	4.74	0	0	0
225	SLV 3	1.07	-0.09	4.32	0	0	0
225	SLV 4	1.18	-0.03	4.4	0	0	0
225	SLV 5	0.35	0.38	5.77	0	0	0
225	SLV 6	0.42	0.42	5.82	0	0	0
225	SLV 7	0.3	-0.5	4.64	0	0	0
225	SLV 8	0.37	-0.47	4.69	0	0	0
225	SLV 9	-0.32	0.28	6.37	0	0	0
225	SLV 10	-0.25	0.32	6.42	0	0	0
225	SLV 11	-0.37	-0.6	5.24	0	0	0
225	SLV 12	-0.3	-0.57	5.29	0	0	0
225	SLV 13	-1.13	-0.16	6.66	0	0	0
225	SLV 14	-1.02	-0.1	6.74	0	0	0
225	SLV 15	-1.15	-0.42	6.32	0	0	0
225	SLV 16	-1.04	-0.36	6.4	0	0	0
226	SLU 1	-0.09	-0.24	9.21	0	0	0
226	SLU 2	-0.08	-0.22	9.22	0	0	0
226	SLU 3	-0.09	-0.24	9.42	0	0	0
226	SLU 4	-0.09	-0.23	9.43	0	0	0
226	SLU 5	-0.08	-0.23	9.36	0	0	0
226	SLU 6	-0.09	-0.24	9.56	0	0	0
226	SLU 7	-0.09	-0.24	9.56	0	0	0
226	SLU 8	-0.09	-0.24	9.49	0	0	0
226	SLU 9	-0.09	-0.24	9.49	0	0	0
226	SLU 10	-0.08	-0.24	10.28	0	0	0
226	SLU 11	-0.09	-0.26	10.49	0	0	0
226	SLU 12	-0.09	-0.25	10.49	0	0	0
226	SLU 13	-0.09	-0.24	10.42	0	0	0
226	SLU 14	-0.09	-0.26	10.62	0	0	0
226	SLU 15	-0.09	-0.25	10.63	0	0	0
226	SLU 16	-0.09	-0.26	10.55	0	0	0
226	SLU 17	-0.09	-0.25	10.56	0	0	0
226	SLU 18	-0.09	-0.26	10.73	0	0	0
226	SLU 19	-0.09	-0.25	10.73	0	0	0
226	SLU 20	-0.09	-0.26	10.87	0	0	0
226	SLU 21	-0.09	-0.25	10.87	0	0	0
226	SLU 22	-0.1	-0.24	10.16	0	0	0
226	SLU 23	-0.09	-0.23	10.17	0	0	0
226	SLU 24	-0.1	-0.25	10.37	0	0	0
226	SLU 25	-0.1	-0.24	10.38	0	0	0
226	SLU 26	-0.09	-0.23	10.31	0	0	0
226	SLU 27	-0.1	-0.25	10.51	0	0	0
226	SLU 28	-0.1	-0.24	10.52	0	0	0
226	SLU 29	-0.1	-0.25	10.44	0	0	0
226	SLU 30	-0.1	-0.24	10.45	0	0	0
226	SLU 31	-0.09	-0.24	11.23	0	0	0
226	SLU 32	-0.1	-0.26	11.44	0	0	0
226	SLU 33	-0.1	-0.25	11.44	0	0	0
226	SLU 34	-0.1	-0.25	11.37	0	0	0
226	SLU 35	-0.1	-0.27	11.58	0	0	0
226	SLU 36	-0.1	-0.26	11.58	0	0	0
226	SLU 37	-0.1	-0.27	11.5	0	0	0
226	SLU 38	-0.1	-0.26	11.51	0	0	0
226	SLU 39	-0.1	-0.27	11.68	0	0	0
226	SLU 40	-0.1	-0.26	11.69	0	0	0
226	SLU 41	-0.1	-0.27	11.82	0	0	0
226	SLU 42	-0.1	-0.26	11.83	0	0	0
226	SLU 43	-0.11	-0.31	11.65	0	0	0
226	SLU 44	-0.1	-0.29	11.65	0	0	0
226	SLU 45	-0.11	-0.31	11.86	0	0	0
226	SLU 46	-0.11	-0.3	11.86	0	0	0
226	SLU 47	-0.11	-0.29	11.79	0	0	0
226	SLU 48	-0.11	-0.31	12	0	0	0
226	SLU 49	-0.11	-0.3	12	0	0	0
226	SLU 50	-0.11	-0.31	11.92	0	0	0
226	SLU 51	-0.11	-0.3	11.93	0	0	0
226	SLU 52	-0.11	-0.31	12.72	0	0	0
226	SLU 53	-0.12	-0.32	12.92	0	0	0
226	SLU 54	-0.11	-0.32	12.93	0	0	0
226	SLU 55	-0.11	-0.31	12.86	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
226	SLU 56	-0.12	-0.33	13.06	0	0	0
226	SLU 57	-0.11	-0.32	13.06	0	0	0
226	SLU 58	-0.12	-0.33	12.99	0	0	0
226	SLU 59	-0.11	-0.32	12.99	0	0	0
226	SLU 60	-0.11	-0.33	13.17	0	0	0
226	SLU 61	-0.11	-0.32	13.17	0	0	0
226	SLU 62	-0.12	-0.33	13.31	0	0	0
226	SLU 63	-0.11	-0.32	13.31	0	0	0
226	SLU 64	-0.12	-0.31	12.6	0	0	0
226	SLU 65	-0.11	-0.3	12.61	0	0	0
226	SLU 66	-0.12	-0.32	12.81	0	0	0
226	SLU 67	-0.12	-0.31	12.82	0	0	0
226	SLU 68	-0.12	-0.3	12.75	0	0	0
226	SLU 69	-0.12	-0.32	12.95	0	0	0
226	SLU 70	-0.12	-0.31	12.95	0	0	0
226	SLU 71	-0.12	-0.32	12.88	0	0	0
226	SLU 72	-0.12	-0.31	12.88	0	0	0
226	SLU 73	-0.12	-0.31	13.67	0	0	0
226	SLU 74	-0.13	-0.33	13.87	0	0	0
226	SLU 75	-0.12	-0.32	13.88	0	0	0
226	SLU 76	-0.12	-0.32	13.81	0	0	0
226	SLU 77	-0.13	-0.33	14.01	0	0	0
226	SLU 78	-0.12	-0.33	14.02	0	0	0
226	SLU 79	-0.13	-0.33	13.94	0	0	0
226	SLU 80	-0.12	-0.33	13.95	0	0	0
226	SLU 81	-0.12	-0.33	14.12	0	0	0
226	SLU 82	-0.12	-0.32	14.12	0	0	0
226	SLU 83	-0.13	-0.34	14.26	0	0	0
226	SLU 84	-0.12	-0.33	14.26	0	0	0
226	SLE RA 1	-0.09	-0.24	9.48	0	0	0
226	SLE RA 2	-0.09	-0.23	9.49	0	0	0
226	SLE RA 3	-0.09	-0.24	9.62	0	0	0
226	SLE RA 4	-0.09	-0.24	9.63	0	0	0
226	SLE RA 5	-0.09	-0.23	9.58	0	0	0
226	SLE RA 6	-0.09	-0.24	9.72	0	0	0
226	SLE RA 7	-0.09	-0.24	9.72	0	0	0
226	SLE RA 8	-0.09	-0.24	9.67	0	0	0
226	SLE RA 9	-0.09	-0.24	9.67	0	0	0
226	SLE RA 10	-0.09	-0.24	10.2	0	0	0
226	SLE RA 11	-0.09	-0.25	10.33	0	0	0
226	SLE RA 12	-0.09	-0.25	10.34	0	0	0
226	SLE RA 13	-0.09	-0.24	10.29	0	0	0
226	SLE RA 14	-0.1	-0.25	10.43	0	0	0
226	SLE RA 15	-0.09	-0.25	10.43	0	0	0
226	SLE RA 16	-0.09	-0.25	10.38	0	0	0
226	SLE RA 17	-0.09	-0.25	10.38	0	0	0
226	SLE RA 18	-0.09	-0.25	10.5	0	0	0
226	SLE RA 19	-0.09	-0.25	10.5	0	0	0
226	SLE RA 20	-0.09	-0.26	10.59	0	0	0
226	SLE RA 21	-0.09	-0.25	10.59	0	0	0
226	SLE FR 1	-0.09	-0.24	9.48	0	0	0
226	SLE FR 2	-0.09	-0.24	9.48	0	0	0
226	SLE FR 3	-0.09	-0.24	9.52	0	0	0
226	SLE FR 4	-0.09	-0.24	9.79	0	0	0
226	SLE FR 5	-0.09	-0.24	9.82	0	0	0
226	SLE FR 6	-0.09	-0.25	9.99	0	0	0
226	SLE QP 1	-0.09	-0.24	9.48	0	0	0
226	SLE QP 2	-0.09	-0.24	9.79	0	0	0
226	SLD 1	0.71	-0.24	10.44	0	0	0
226	SLD 2	0.79	-0.28	10.39	0	0	0
226	SLD 3	0.72	-0.45	10.21	0	0	0
226	SLD 4	0.8	-0.5	10.16	0	0	0
226	SLD 5	0.12	0.1	10.34	0	0	0
226	SLD 6	0.17	0.07	10.31	0	0	0
226	SLD 7	0.15	-0.63	9.57	0	0	0
226	SLD 8	0.21	-0.66	9.54	0	0	0
226	SLD 9	-0.39	0.17	10.04	0	0	0
226	SLD 10	-0.33	0.14	10	0	0	0
226	SLD 11	-0.36	-0.55	9.26	0	0	0
226	SLD 12	-0.3	-0.58	9.23	0	0	0
226	SLD 13	-0.98	0.01	9.42	0	0	0
226	SLD 14	-0.9	-0.03	9.37	0	0	0
226	SLD 15	-0.97	-0.21	9.18	0	0	0
226	SLD 16	-0.89	-0.25	9.14	0	0	0
226	SLV 1	1.77	-0.24	11.3	0	0	0
226	SLV 2	1.97	-0.33	11.19	0	0	0
226	SLV 3	1.8	-0.73	10.77	0	0	0
226	SLV 4	1.99	-0.83	10.66	0	0	0
226	SLV 5	0.4	0.52	11.06	0	0	0
226	SLV 6	0.52	0.46	10.98	0	0	0
226	SLV 7	0.48	-1.12	9.31	0	0	0
226	SLV 8	0.6	-1.18	9.24	0	0	0
226	SLV 9	-0.78	0.69	10.34	0	0	0
226	SLV 10	-0.66	0.63	10.27	0	0	0
226	SLV 11	-0.71	-0.95	8.59	0	0	0
226	SLV 12	-0.58	-1.01	8.52	0	0	0
226	SLV 13	-2.17	0.34	8.91	0	0	0
226	SLV 14	-1.98	0.24	8.8	0	0	0
226	SLV 15	-2.15	-0.15	8.39	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
226	SLV 16	-1.96	-0.25	8.28	0	0	0
227	SLU 1	-0.09	-0.24	10.05	0	0	0
227	SLU 2	-0.09	-0.23	10.06	0	0	0
227	SLU 3	-0.1	-0.25	10.28	0	0	0
227	SLU 4	-0.09	-0.24	10.28	0	0	0
227	SLU 5	-0.09	-0.23	10.21	0	0	0
227	SLU 6	-0.1	-0.25	10.43	0	0	0
227	SLU 7	-0.09	-0.24	10.43	0	0	0
227	SLU 8	-0.1	-0.25	10.35	0	0	0
227	SLU 9	-0.09	-0.24	10.35	0	0	0
227	SLU 10	-0.09	-0.24	11.22	0	0	0
227	SLU 11	-0.1	-0.26	11.44	0	0	0
227	SLU 12	-0.09	-0.25	11.44	0	0	0
227	SLU 13	-0.09	-0.25	11.37	0	0	0
227	SLU 14	-0.1	-0.27	11.59	0	0	0
227	SLU 15	-0.1	-0.26	11.59	0	0	0
227	SLU 16	-0.1	-0.27	11.51	0	0	0
227	SLU 17	-0.1	-0.26	11.52	0	0	0
227	SLU 18	-0.1	-0.26	11.71	0	0	0
227	SLU 19	-0.09	-0.25	11.71	0	0	0
227	SLU 20	-0.1	-0.27	11.86	0	0	0
227	SLU 21	-0.09	-0.26	11.86	0	0	0
227	SLU 22	-0.1	-0.25	11.08	0	0	0
227	SLU 23	-0.1	-0.23	11.09	0	0	0
227	SLU 24	-0.11	-0.25	11.31	0	0	0
227	SLU 25	-0.1	-0.24	11.32	0	0	0
227	SLU 26	-0.1	-0.24	11.24	0	0	0
227	SLU 27	-0.11	-0.26	11.46	0	0	0
227	SLU 28	-0.1	-0.25	11.47	0	0	0
227	SLU 29	-0.11	-0.26	11.38	0	0	0
227	SLU 30	-0.1	-0.25	11.39	0	0	0
227	SLU 31	-0.1	-0.25	12.25	0	0	0
227	SLU 32	-0.11	-0.27	12.47	0	0	0
227	SLU 33	-0.11	-0.26	12.48	0	0	0
227	SLU 34	-0.1	-0.25	12.4	0	0	0
227	SLU 35	-0.11	-0.27	12.62	0	0	0
227	SLU 36	-0.11	-0.26	12.63	0	0	0
227	SLU 37	-0.11	-0.27	12.55	0	0	0
227	SLU 38	-0.11	-0.26	12.55	0	0	0
227	SLU 39	-0.11	-0.27	12.74	0	0	0
227	SLU 40	-0.1	-0.26	12.75	0	0	0
227	SLU 41	-0.11	-0.27	12.89	0	0	0
227	SLU 42	-0.11	-0.26	12.9	0	0	0
227	SLU 43	-0.12	-0.32	12.71	0	0	0
227	SLU 44	-0.11	-0.3	12.71	0	0	0
227	SLU 45	-0.12	-0.32	12.93	0	0	0
227	SLU 46	-0.12	-0.31	12.94	0	0	0
227	SLU 47	-0.11	-0.3	12.87	0	0	0
227	SLU 48	-0.12	-0.32	13.09	0	0	0
227	SLU 49	-0.12	-0.31	13.09	0	0	0
227	SLU 50	-0.12	-0.32	13.01	0	0	0
227	SLU 51	-0.12	-0.31	13.01	0	0	0
227	SLU 52	-0.11	-0.31	13.88	0	0	0
227	SLU 53	-0.12	-0.33	14.1	0	0	0
227	SLU 54	-0.12	-0.32	14.1	0	0	0
227	SLU 55	-0.12	-0.32	14.03	0	0	0
227	SLU 56	-0.12	-0.34	14.25	0	0	0
227	SLU 57	-0.12	-0.33	14.25	0	0	0
227	SLU 58	-0.12	-0.34	14.17	0	0	0
227	SLU 59	-0.12	-0.33	14.17	0	0	0
227	SLU 60	-0.12	-0.34	14.37	0	0	0
227	SLU 61	-0.12	-0.33	14.37	0	0	0
227	SLU 62	-0.12	-0.34	14.52	0	0	0
227	SLU 63	-0.12	-0.33	14.52	0	0	0
227	SLU 64	-0.13	-0.32	13.74	0	0	0
227	SLU 65	-0.12	-0.3	13.75	0	0	0
227	SLU 66	-0.13	-0.32	13.97	0	0	0
227	SLU 67	-0.13	-0.31	13.98	0	0	0
227	SLU 68	-0.12	-0.31	13.9	0	0	0
227	SLU 69	-0.13	-0.33	14.12	0	0	0
227	SLU 70	-0.13	-0.32	14.13	0	0	0
227	SLU 71	-0.13	-0.33	14.04	0	0	0
227	SLU 72	-0.13	-0.32	14.05	0	0	0
227	SLU 73	-0.12	-0.32	14.91	0	0	0
227	SLU 74	-0.13	-0.34	15.13	0	0	0
227	SLU 75	-0.13	-0.33	15.14	0	0	0
227	SLU 76	-0.13	-0.32	15.06	0	0	0
227	SLU 77	-0.14	-0.34	15.28	0	0	0
227	SLU 78	-0.13	-0.33	15.29	0	0	0
227	SLU 79	-0.13	-0.34	15.2	0	0	0
227	SLU 80	-0.13	-0.33	15.21	0	0	0
227	SLU 81	-0.13	-0.34	15.4	0	0	0
227	SLU 82	-0.13	-0.33	15.41	0	0	0
227	SLU 83	-0.13	-0.34	15.55	0	0	0
227	SLU 84	-0.13	-0.33	15.56	0	0	0
227	SLE RA 1	-0.1	-0.25	10.34	0	0	0
227	SLE RA 2	-0.09	-0.23	10.35	0	0	0
227	SLE RA 3	-0.1	-0.25	10.49	0	0	0
227	SLE RA 4	-0.1	-0.24	10.5	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
227	SLE RA 5	-0.09	-0.24	10.45	0	0	0
227	SLE RA 6	-0.1	-0.25	10.6	0	0	0
227	SLE RA 7	-0.1	-0.24	10.6	0	0	0
227	SLE RA 8	-0.1	-0.25	10.54	0	0	0
227	SLE RA 9	-0.1	-0.24	10.55	0	0	0
227	SLE RA 10	-0.09	-0.24	11.12	0	0	0
227	SLE RA 11	-0.1	-0.26	11.27	0	0	0
227	SLE RA 12	-0.1	-0.25	11.27	0	0	0
227	SLE RA 13	-0.1	-0.25	11.22	0	0	0
227	SLE RA 14	-0.1	-0.26	11.37	0	0	0
227	SLE RA 15	-0.1	-0.25	11.37	0	0	0
227	SLE RA 16	-0.1	-0.26	11.32	0	0	0
227	SLE RA 17	-0.1	-0.25	11.32	0	0	0
227	SLE RA 18	-0.1	-0.26	11.45	0	0	0
227	SLE RA 19	-0.1	-0.25	11.45	0	0	0
227	SLE RA 20	-0.1	-0.26	11.55	0	0	0
227	SLE RA 21	-0.1	-0.25	11.55	0	0	0
227	SLE FR 1	-0.1	-0.25	10.34	0	0	0
227	SLE FR 2	-0.1	-0.24	10.34	0	0	0
227	SLE FR 3	-0.1	-0.25	10.38	0	0	0
227	SLE FR 4	-0.1	-0.25	10.68	0	0	0
227	SLE FR 5	-0.1	-0.25	10.71	0	0	0
227	SLE FR 6	-0.1	-0.25	10.9	0	0	0
227	SLE QP 1	-0.1	-0.25	10.34	0	0	0
227	SLE QP 2	-0.1	-0.25	10.67	0	0	0
227	SLD 1	0.79	-0.23	11.3	0	0	0
227	SLD 2	0.89	-0.27	11.25	0	0	0
227	SLD 3	0.81	-0.47	11.05	0	0	0
227	SLD 4	0.9	-0.52	11	0	0	0
227	SLD 5	0.14	0.13	11.25	0	0	0
227	SLD 6	0.2	0.1	11.22	0	0	0
227	SLD 7	0.17	-0.68	10.41	0	0	0
227	SLD 8	0.23	-0.71	10.38	0	0	0
227	SLD 9	-0.43	0.21	10.97	0	0	0
227	SLD 10	-0.37	0.18	10.93	0	0	0
227	SLD 11	-0.39	-0.6	10.13	0	0	0
227	SLD 12	-0.33	-0.63	10.1	0	0	0
227	SLD 13	-1.09	0.02	10.35	0	0	0
227	SLD 14	-1	-0.02	10.3	0	0	0
227	SLD 15	-1.08	-0.22	10.1	0	0	0
227	SLD 16	-0.99	-0.27	10.05	0	0	0
227	SLV 1	1.99	-0.22	12.13	0	0	0
227	SLV 2	2.2	-0.32	12.02	0	0	0
227	SLV 3	2.01	-0.77	11.56	0	0	0
227	SLV 4	2.23	-0.87	11.45	0	0	0
227	SLV 5	0.45	0.62	12	0	0	0
227	SLV 6	0.59	0.55	11.92	0	0	0
227	SLV 7	0.54	-1.22	10.1	0	0	0
227	SLV 8	0.68	-1.29	10.02	0	0	0
227	SLV 9	-0.87	0.79	11.33	0	0	0
227	SLV 10	-0.73	0.73	11.25	0	0	0
227	SLV 11	-0.79	-1.05	9.43	0	0	0
227	SLV 12	-0.65	-1.11	9.35	0	0	0
227	SLV 13	-2.42	0.37	9.9	0	0	0
227	SLV 14	-2.21	0.27	9.79	0	0	0
227	SLV 15	-2.4	-0.18	9.33	0	0	0
227	SLV 16	-2.18	-0.28	9.22	0	0	0
228	SLU 1	-0.1	-0.24	10.64	0	0	0
228	SLU 2	-0.09	-0.22	10.65	0	0	0
228	SLU 3	-0.1	-0.24	10.88	0	0	0
228	SLU 4	-0.09	-0.23	10.89	0	0	0
228	SLU 5	-0.09	-0.22	10.81	0	0	0
228	SLU 6	-0.1	-0.24	11.04	0	0	0
228	SLU 7	-0.1	-0.23	11.05	0	0	0
228	SLU 8	-0.1	-0.24	10.96	0	0	0
228	SLU 9	-0.1	-0.23	10.96	0	0	0
228	SLU 10	-0.09	-0.23	11.88	0	0	0
228	SLU 11	-0.1	-0.25	12.11	0	0	0
228	SLU 12	-0.1	-0.24	12.12	0	0	0
228	SLU 13	-0.09	-0.24	12.04	0	0	0
228	SLU 14	-0.1	-0.26	12.27	0	0	0
228	SLU 15	-0.1	-0.25	12.28	0	0	0
228	SLU 16	-0.1	-0.26	12.19	0	0	0
228	SLU 17	-0.1	-0.25	12.2	0	0	0
228	SLU 18	-0.1	-0.25	12.4	0	0	0
228	SLU 19	-0.1	-0.24	12.41	0	0	0
228	SLU 20	-0.1	-0.26	12.56	0	0	0
228	SLU 21	-0.1	-0.25	12.57	0	0	0
228	SLU 22	-0.11	-0.24	11.73	0	0	0
228	SLU 23	-0.1	-0.22	11.74	0	0	0
228	SLU 24	-0.11	-0.24	11.97	0	0	0
228	SLU 25	-0.11	-0.23	11.98	0	0	0
228	SLU 26	-0.1	-0.23	11.9	0	0	0
228	SLU 27	-0.11	-0.25	12.13	0	0	0
228	SLU 28	-0.11	-0.24	12.14	0	0	0
228	SLU 29	-0.11	-0.25	12.05	0	0	0
228	SLU 30	-0.11	-0.24	12.06	0	0	0
228	SLU 31	-0.1	-0.24	12.97	0	0	0
228	SLU 32	-0.11	-0.25	13.2	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
228	SLU 33	-0.11	-0.24	13.21	0	0	0
228	SLU 34	-0.1	-0.24	13.13	0	0	0
228	SLU 35	-0.11	-0.26	13.36	0	0	0
228	SLU 36	-0.11	-0.25	13.37	0	0	0
228	SLU 37	-0.11	-0.26	13.28	0	0	0
228	SLU 38	-0.11	-0.25	13.29	0	0	0
228	SLU 39	-0.11	-0.26	13.49	0	0	0
228	SLU 40	-0.11	-0.25	13.5	0	0	0
228	SLU 41	-0.11	-0.26	13.65	0	0	0
228	SLU 42	-0.11	-0.25	13.66	0	0	0
228	SLU 43	-0.12	-0.31	13.45	0	0	0
228	SLU 44	-0.11	-0.29	13.47	0	0	0
228	SLU 45	-0.12	-0.31	13.7	0	0	0
228	SLU 46	-0.12	-0.3	13.7	0	0	0
228	SLU 47	-0.12	-0.29	13.63	0	0	0
228	SLU 48	-0.13	-0.31	13.86	0	0	0
228	SLU 49	-0.12	-0.3	13.86	0	0	0
228	SLU 50	-0.12	-0.31	13.77	0	0	0
228	SLU 51	-0.12	-0.3	13.78	0	0	0
228	SLU 52	-0.12	-0.3	14.7	0	0	0
228	SLU 53	-0.13	-0.32	14.93	0	0	0
228	SLU 54	-0.12	-0.31	14.94	0	0	0
228	SLU 55	-0.12	-0.31	14.86	0	0	0
228	SLU 56	-0.13	-0.33	15.09	0	0	0
228	SLU 57	-0.12	-0.32	15.1	0	0	0
228	SLU 58	-0.13	-0.33	15.01	0	0	0
228	SLU 59	-0.12	-0.32	15.01	0	0	0
228	SLU 60	-0.13	-0.33	15.22	0	0	0
228	SLU 61	-0.12	-0.32	15.22	0	0	0
228	SLU 62	-0.13	-0.33	15.38	0	0	0
228	SLU 63	-0.12	-0.32	15.38	0	0	0
228	SLU 64	-0.13	-0.31	14.55	0	0	0
228	SLU 65	-0.13	-0.29	14.56	0	0	0
228	SLU 66	-0.14	-0.31	14.79	0	0	0
228	SLU 67	-0.13	-0.3	14.8	0	0	0
228	SLU 68	-0.13	-0.3	14.72	0	0	0
228	SLU 69	-0.14	-0.32	14.95	0	0	0
228	SLU 70	-0.13	-0.31	14.95	0	0	0
228	SLU 71	-0.14	-0.32	14.86	0	0	0
228	SLU 72	-0.13	-0.31	14.87	0	0	0
228	SLU 73	-0.13	-0.31	15.79	0	0	0
228	SLU 74	-0.14	-0.32	16.02	0	0	0
228	SLU 75	-0.13	-0.32	16.03	0	0	0
228	SLU 76	-0.13	-0.31	15.95	0	0	0
228	SLU 77	-0.14	-0.33	16.18	0	0	0
228	SLU 78	-0.14	-0.32	16.19	0	0	0
228	SLU 79	-0.14	-0.33	16.1	0	0	0
228	SLU 80	-0.13	-0.32	16.11	0	0	0
228	SLU 81	-0.14	-0.33	16.31	0	0	0
228	SLU 82	-0.13	-0.32	16.32	0	0	0
228	SLU 83	-0.14	-0.33	16.47	0	0	0
228	SLU 84	-0.13	-0.32	16.47	0	0	0
228	SLE RA 1	-0.1	-0.24	10.95	0	0	0
228	SLE RA 2	-0.09	-0.23	10.96	0	0	0
228	SLE RA 3	-0.1	-0.24	11.11	0	0	0
228	SLE RA 4	-0.1	-0.23	11.12	0	0	0
228	SLE RA 5	-0.1	-0.23	11.06	0	0	0
228	SLE RA 6	-0.1	-0.24	11.22	0	0	0
228	SLE RA 7	-0.1	-0.24	11.22	0	0	0
228	SLE RA 8	-0.1	-0.24	11.16	0	0	0
228	SLE RA 9	-0.1	-0.24	11.17	0	0	0
228	SLE RA 10	-0.1	-0.23	11.78	0	0	0
228	SLE RA 11	-0.1	-0.25	11.93	0	0	0
228	SLE RA 12	-0.1	-0.24	11.94	0	0	0
228	SLE RA 13	-0.1	-0.24	11.89	0	0	0
228	SLE RA 14	-0.1	-0.25	12.04	0	0	0
228	SLE RA 15	-0.1	-0.24	12.04	0	0	0
228	SLE RA 16	-0.1	-0.25	11.98	0	0	0
228	SLE RA 17	-0.1	-0.24	11.99	0	0	0
228	SLE RA 18	-0.1	-0.25	12.12	0	0	0
228	SLE RA 19	-0.1	-0.24	12.13	0	0	0
228	SLE RA 20	-0.1	-0.25	12.23	0	0	0
228	SLE RA 21	-0.1	-0.25	12.24	0	0	0
228	SLE FR 1	-0.1	-0.24	10.95	0	0	0
228	SLE FR 2	-0.1	-0.24	10.95	0	0	0
228	SLE FR 3	-0.1	-0.24	10.99	0	0	0
228	SLE FR 4	-0.1	-0.24	11.3	0	0	0
228	SLE FR 5	-0.1	-0.24	11.34	0	0	0
228	SLE FR 6	-0.1	-0.24	11.54	0	0	0
228	SLE QP 1	-0.1	-0.24	10.95	0	0	0
228	SLE QP 2	-0.1	-0.24	11.3	0	0	0
228	SLD 1	0.87	-0.21	11.87	0	0	0
228	SLD 2	0.97	-0.25	11.82	0	0	0
228	SLD 3	0.88	-0.47	11.6	0	0	0
228	SLD 4	0.98	-0.51	11.55	0	0	0
228	SLD 5	0.15	0.18	11.88	0	0	0
228	SLD 6	0.22	0.15	11.85	0	0	0
228	SLD 7	0.19	-0.71	10.99	0	0	0
228	SLD 8	0.26	-0.73	10.96	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
228	SLD 9	-0.46	0.25	11.64	0	0	0
228	SLD 10	-0.39	0.22	11.61	0	0	0
228	SLD 11	-0.42	-0.63	10.75	0	0	0
228	SLD 12	-0.36	-0.66	10.72	0	0	0
228	SLD 13	-1.18	0.03	11.05	0	0	0
228	SLD 14	-1.08	-0.01	11	0	0	0
228	SLD 15	-1.17	-0.23	10.78	0	0	0
228	SLD 16	-1.07	-0.28	10.74	0	0	0
228	SLV 1	2.16	-0.17	12.61	0	0	0
228	SLV 2	2.4	-0.27	12.5	0	0	0
228	SLV 3	2.19	-0.77	12.01	0	0	0
228	SLV 4	2.42	-0.87	11.9	0	0	0
228	SLV 5	0.5	0.71	12.63	0	0	0
228	SLV 6	0.65	0.65	12.56	0	0	0
228	SLV 7	0.59	-1.3	10.62	0	0	0
228	SLV 8	0.74	-1.36	10.55	0	0	0
228	SLV 9	-0.94	0.88	12.06	0	0	0
228	SLV 10	-0.79	0.81	11.98	0	0	0
228	SLV 11	-0.85	-1.13	10.04	0	0	0
228	SLV 12	-0.7	-1.19	9.97	0	0	0
228	SLV 13	-2.63	0.39	10.7	0	0	0
228	SLV 14	-2.39	0.29	10.59	0	0	0
228	SLV 15	-2.6	-0.21	10.1	0	0	0
228	SLV 16	-2.37	-0.31	9.99	0	0	0
229	SLU 1	-0.09	-0.21	10.7	0	0	0
229	SLU 2	-0.09	-0.2	10.71	0	0	0
229	SLU 3	-0.1	-0.21	10.94	0	0	0
229	SLU 4	-0.09	-0.2	10.95	0	0	0
229	SLU 5	-0.09	-0.2	10.87	0	0	0
229	SLU 6	-0.1	-0.22	11.1	0	0	0
229	SLU 7	-0.09	-0.21	11.11	0	0	0
229	SLU 8	-0.1	-0.22	11.02	0	0	0
229	SLU 9	-0.09	-0.21	11.03	0	0	0
229	SLU 10	-0.09	-0.21	11.96	0	0	0
229	SLU 11	-0.1	-0.22	12.19	0	0	0
229	SLU 12	-0.1	-0.21	12.2	0	0	0
229	SLU 13	-0.09	-0.21	12.12	0	0	0
229	SLU 14	-0.1	-0.23	12.35	0	0	0
229	SLU 15	-0.1	-0.22	12.36	0	0	0
229	SLU 16	-0.1	-0.23	12.27	0	0	0
229	SLU 17	-0.1	-0.22	12.27	0	0	0
229	SLU 18	-0.1	-0.22	12.48	0	0	0
229	SLU 19	-0.09	-0.22	12.49	0	0	0
229	SLU 20	-0.1	-0.23	12.64	0	0	0
229	SLU 21	-0.1	-0.22	12.65	0	0	0
229	SLU 22	-0.11	-0.21	11.79	0	0	0
229	SLU 23	-0.1	-0.19	11.81	0	0	0
229	SLU 24	-0.11	-0.21	12.04	0	0	0
229	SLU 25	-0.1	-0.2	12.05	0	0	0
229	SLU 26	-0.1	-0.2	11.97	0	0	0
229	SLU 27	-0.11	-0.21	12.2	0	0	0
229	SLU 28	-0.11	-0.21	12.21	0	0	0
229	SLU 29	-0.11	-0.22	12.11	0	0	0
229	SLU 30	-0.1	-0.21	12.12	0	0	0
229	SLU 31	-0.1	-0.2	13.05	0	0	0
229	SLU 32	-0.11	-0.22	13.28	0	0	0
229	SLU 33	-0.11	-0.21	13.29	0	0	0
229	SLU 34	-0.1	-0.21	13.21	0	0	0
229	SLU 35	-0.11	-0.22	13.44	0	0	0
229	SLU 36	-0.11	-0.22	13.45	0	0	0
229	SLU 37	-0.11	-0.23	13.36	0	0	0
229	SLU 38	-0.11	-0.22	13.37	0	0	0
229	SLU 39	-0.11	-0.22	13.57	0	0	0
229	SLU 40	-0.1	-0.21	13.58	0	0	0
229	SLU 41	-0.11	-0.23	13.73	0	0	0
229	SLU 42	-0.11	-0.22	13.74	0	0	0
229	SLU 43	-0.12	-0.28	13.53	0	0	0
229	SLU 44	-0.11	-0.26	13.55	0	0	0
229	SLU 45	-0.12	-0.28	13.77	0	0	0
229	SLU 46	-0.12	-0.27	13.78	0	0	0
229	SLU 47	-0.11	-0.26	13.71	0	0	0
229	SLU 48	-0.12	-0.28	13.94	0	0	0
229	SLU 49	-0.12	-0.27	13.94	0	0	0
229	SLU 50	-0.12	-0.28	13.85	0	0	0
229	SLU 51	-0.12	-0.27	13.86	0	0	0
229	SLU 52	-0.11	-0.27	14.79	0	0	0
229	SLU 53	-0.12	-0.29	15.02	0	0	0
229	SLU 54	-0.12	-0.28	15.03	0	0	0
229	SLU 55	-0.12	-0.27	14.95	0	0	0
229	SLU 56	-0.13	-0.29	15.18	0	0	0
229	SLU 57	-0.12	-0.28	15.19	0	0	0
229	SLU 58	-0.12	-0.29	15.1	0	0	0
229	SLU 59	-0.12	-0.28	15.11	0	0	0
229	SLU 60	-0.12	-0.29	15.31	0	0	0
229	SLU 61	-0.12	-0.28	15.32	0	0	0
229	SLU 62	-0.12	-0.29	15.47	0	0	0
229	SLU 63	-0.12	-0.28	15.48	0	0	0
229	SLU 64	-0.13	-0.27	14.63	0	0	0
229	SLU 65	-0.12	-0.26	14.64	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
229	SLU 66	-0.13	-0.28	14.87	0	0	0
229	SLU 67	-0.13	-0.27	14.88	0	0	0
229	SLU 68	-0.12	-0.26	14.8	0	0	0
229	SLU 69	-0.13	-0.28	15.03	0	0	0
229	SLU 70	-0.13	-0.27	15.04	0	0	0
229	SLU 71	-0.13	-0.28	14.95	0	0	0
229	SLU 72	-0.13	-0.27	14.96	0	0	0
229	SLU 73	-0.13	-0.27	15.89	0	0	0
229	SLU 74	-0.14	-0.29	16.12	0	0	0
229	SLU 75	-0.13	-0.28	16.13	0	0	0
229	SLU 76	-0.13	-0.27	16.05	0	0	0
229	SLU 77	-0.14	-0.29	16.28	0	0	0
229	SLU 78	-0.13	-0.28	16.29	0	0	0
229	SLU 79	-0.14	-0.29	16.19	0	0	0
229	SLU 80	-0.13	-0.28	16.2	0	0	0
229	SLU 81	-0.13	-0.29	16.41	0	0	0
229	SLU 82	-0.13	-0.28	16.42	0	0	0
229	SLU 83	-0.14	-0.29	16.57	0	0	0
229	SLU 84	-0.13	-0.28	16.58	0	0	0
229	SLE RA 1	-0.1	-0.21	11.01	0	0	0
229	SLE RA 2	-0.09	-0.2	11.02	0	0	0
229	SLE RA 3	-0.1	-0.21	11.17	0	0	0
229	SLE RA 4	-0.1	-0.21	11.18	0	0	0
229	SLE RA 5	-0.09	-0.2	11.13	0	0	0
229	SLE RA 6	-0.1	-0.21	11.28	0	0	0
229	SLE RA 7	-0.1	-0.21	11.29	0	0	0
229	SLE RA 8	-0.1	-0.22	11.22	0	0	0
229	SLE RA 9	-0.1	-0.21	11.23	0	0	0
229	SLE RA 10	-0.09	-0.21	11.85	0	0	0
229	SLE RA 11	-0.1	-0.22	12	0	0	0
229	SLE RA 12	-0.1	-0.21	12.01	0	0	0
229	SLE RA 13	-0.1	-0.21	11.96	0	0	0
229	SLE RA 14	-0.1	-0.22	12.11	0	0	0
229	SLE RA 15	-0.1	-0.21	12.12	0	0	0
229	SLE RA 16	-0.1	-0.22	12.06	0	0	0
229	SLE RA 17	-0.1	-0.22	12.06	0	0	0
229	SLE RA 18	-0.1	-0.22	12.2	0	0	0
229	SLE RA 19	-0.1	-0.21	12.2	0	0	0
229	SLE RA 20	-0.1	-0.22	12.3	0	0	0
229	SLE RA 21	-0.1	-0.22	12.31	0	0	0
229	SLE FR 1	-0.1	-0.21	11.01	0	0	0
229	SLE FR 2	-0.1	-0.21	11.01	0	0	0
229	SLE FR 3	-0.1	-0.21	11.05	0	0	0
229	SLE FR 4	-0.1	-0.21	11.37	0	0	0
229	SLE FR 5	-0.1	-0.21	11.41	0	0	0
229	SLE FR 6	-0.1	-0.22	11.6	0	0	0
229	SLE QP 1	-0.1	-0.21	11.01	0	0	0
229	SLE QP 2	-0.1	-0.21	11.37	0	0	0
229	SLD 1	0.89	-0.16	11.83	0	0	0
229	SLD 2	0.99	-0.2	11.79	0	0	0
229	SLD 3	0.9	-0.43	11.56	0	0	0
229	SLD 4	1.01	-0.47	11.52	0	0	0
229	SLD 5	0.16	0.23	11.92	0	0	0
229	SLD 6	0.23	0.2	11.89	0	0	0
229	SLD 7	0.2	-0.69	11.02	0	0	0
229	SLD 8	0.27	-0.71	10.99	0	0	0
229	SLD 9	-0.47	0.29	11.74	0	0	0
229	SLD 10	-0.4	0.26	11.71	0	0	0
229	SLD 11	-0.43	-0.63	10.84	0	0	0
229	SLD 12	-0.36	-0.65	10.81	0	0	0
229	SLD 13	-1.2	0.04	11.21	0	0	0
229	SLD 14	-1.1	0.01	11.17	0	0	0
229	SLD 15	-1.19	-0.23	10.94	0	0	0
229	SLD 16	-1.09	-0.27	10.9	0	0	0
229	SLV 1	2.22	-0.1	12.45	0	0	0
229	SLV 2	2.46	-0.19	12.34	0	0	0
229	SLV 3	2.25	-0.72	11.83	0	0	0
229	SLV 4	2.48	-0.81	11.73	0	0	0
229	SLV 5	0.51	0.78	12.63	0	0	0
229	SLV 6	0.67	0.72	12.57	0	0	0
229	SLV 7	0.61	-1.29	10.6	0	0	0
229	SLV 8	0.76	-1.35	10.53	0	0	0
229	SLV 9	-0.96	0.92	12.2	0	0	0
229	SLV 10	-0.8	0.86	12.13	0	0	0
229	SLV 11	-0.86	-1.15	10.16	0	0	0
229	SLV 12	-0.71	-1.21	10.1	0	0	0
229	SLV 13	-2.68	0.38	11	0	0	0
229	SLV 14	-2.44	0.29	10.9	0	0	0
229	SLV 15	-2.65	-0.24	10.39	0	0	0
229	SLV 16	-2.42	-0.33	10.29	0	0	0
230	SLU 1	-0.09	-0.18	10.72	0	0	0
230	SLU 2	-0.09	-0.17	10.74	0	0	0
230	SLU 3	-0.1	-0.18	10.96	0	0	0
230	SLU 4	-0.09	-0.17	10.98	0	0	0
230	SLU 5	-0.09	-0.17	10.9	0	0	0
230	SLU 6	-0.1	-0.19	11.13	0	0	0
230	SLU 7	-0.09	-0.18	11.14	0	0	0
230	SLU 8	-0.1	-0.19	11.04	0	0	0
230	SLU 9	-0.09	-0.18	11.05	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
230	SLU 10	-0.09	-0.17	11.99	0	0	0
230	SLU 11	-0.1	-0.19	12.22	0	0	0
230	SLU 12	-0.09	-0.18	12.23	0	0	0
230	SLU 13	-0.09	-0.18	12.16	0	0	0
230	SLU 14	-0.1	-0.19	12.38	0	0	0
230	SLU 15	-0.09	-0.18	12.4	0	0	0
230	SLU 16	-0.1	-0.19	12.3	0	0	0
230	SLU 17	-0.09	-0.18	12.31	0	0	0
230	SLU 18	-0.1	-0.19	12.52	0	0	0
230	SLU 19	-0.09	-0.18	12.53	0	0	0
230	SLU 20	-0.1	-0.19	12.68	0	0	0
230	SLU 21	-0.09	-0.18	12.69	0	0	0
230	SLU 22	-0.1	-0.17	11.82	0	0	0
230	SLU 23	-0.1	-0.16	11.83	0	0	0
230	SLU 24	-0.11	-0.18	12.06	0	0	0
230	SLU 25	-0.1	-0.17	12.07	0	0	0
230	SLU 26	-0.1	-0.16	12	0	0	0
230	SLU 27	-0.11	-0.18	12.22	0	0	0
230	SLU 28	-0.1	-0.17	12.23	0	0	0
230	SLU 29	-0.11	-0.18	12.14	0	0	0
230	SLU 30	-0.1	-0.17	12.15	0	0	0
230	SLU 31	-0.1	-0.17	13.09	0	0	0
230	SLU 32	-0.11	-0.18	13.32	0	0	0
230	SLU 33	-0.1	-0.17	13.33	0	0	0
230	SLU 34	-0.1	-0.17	13.25	0	0	0
230	SLU 35	-0.11	-0.19	13.48	0	0	0
230	SLU 36	-0.11	-0.18	13.49	0	0	0
230	SLU 37	-0.11	-0.19	13.4	0	0	0
230	SLU 38	-0.1	-0.18	13.41	0	0	0
230	SLU 39	-0.11	-0.18	13.61	0	0	0
230	SLU 40	-0.1	-0.18	13.62	0	0	0
230	SLU 41	-0.11	-0.19	13.77	0	0	0
230	SLU 42	-0.1	-0.18	13.79	0	0	0
230	SLU 43	-0.12	-0.24	13.56	0	0	0
230	SLU 44	-0.11	-0.22	13.58	0	0	0
230	SLU 45	-0.12	-0.24	13.8	0	0	0
230	SLU 46	-0.12	-0.23	13.81	0	0	0
230	SLU 47	-0.11	-0.23	13.74	0	0	0
230	SLU 48	-0.12	-0.24	13.97	0	0	0
230	SLU 49	-0.12	-0.23	13.98	0	0	0
230	SLU 50	-0.12	-0.24	13.88	0	0	0
230	SLU 51	-0.12	-0.23	13.89	0	0	0
230	SLU 52	-0.11	-0.23	14.83	0	0	0
230	SLU 53	-0.12	-0.25	15.06	0	0	0
230	SLU 54	-0.12	-0.24	15.07	0	0	0
230	SLU 55	-0.11	-0.23	15	0	0	0
230	SLU 56	-0.12	-0.25	15.22	0	0	0
230	SLU 57	-0.12	-0.24	15.23	0	0	0
230	SLU 58	-0.12	-0.25	15.14	0	0	0
230	SLU 59	-0.12	-0.24	15.15	0	0	0
230	SLU 60	-0.12	-0.25	15.36	0	0	0
230	SLU 61	-0.12	-0.24	15.37	0	0	0
230	SLU 62	-0.12	-0.25	15.52	0	0	0
230	SLU 63	-0.12	-0.24	15.53	0	0	0
230	SLU 64	-0.13	-0.23	14.66	0	0	0
230	SLU 65	-0.12	-0.22	14.67	0	0	0
230	SLU 66	-0.13	-0.23	14.9	0	0	0
230	SLU 67	-0.13	-0.22	14.91	0	0	0
230	SLU 68	-0.12	-0.22	14.83	0	0	0
230	SLU 69	-0.13	-0.24	15.06	0	0	0
230	SLU 70	-0.13	-0.23	15.07	0	0	0
230	SLU 71	-0.13	-0.24	14.98	0	0	0
230	SLU 72	-0.13	-0.23	14.99	0	0	0
230	SLU 73	-0.12	-0.22	15.93	0	0	0
230	SLU 74	-0.13	-0.24	16.16	0	0	0
230	SLU 75	-0.13	-0.23	16.17	0	0	0
230	SLU 76	-0.12	-0.23	16.09	0	0	0
230	SLU 77	-0.13	-0.24	16.32	0	0	0
230	SLU 78	-0.13	-0.23	16.33	0	0	0
230	SLU 79	-0.13	-0.24	16.24	0	0	0
230	SLU 80	-0.13	-0.23	16.25	0	0	0
230	SLU 81	-0.13	-0.24	16.45	0	0	0
230	SLU 82	-0.13	-0.23	16.46	0	0	0
230	SLU 83	-0.13	-0.24	16.61	0	0	0
230	SLU 84	-0.13	-0.23	16.63	0	0	0
230	SLE RA 1	-0.1	-0.18	11.03	0	0	0
230	SLE RA 2	-0.09	-0.17	11.04	0	0	0
230	SLE RA 3	-0.1	-0.18	11.2	0	0	0
230	SLE RA 4	-0.09	-0.17	11.2	0	0	0
230	SLE RA 5	-0.09	-0.17	11.15	0	0	0
230	SLE RA 6	-0.1	-0.18	11.3	0	0	0
230	SLE RA 7	-0.1	-0.18	11.31	0	0	0
230	SLE RA 8	-0.1	-0.18	11.25	0	0	0
230	SLE RA 9	-0.1	-0.18	11.26	0	0	0
230	SLE RA 10	-0.09	-0.17	11.88	0	0	0
230	SLE RA 11	-0.1	-0.18	12.03	0	0	0
230	SLE RA 12	-0.1	-0.18	12.04	0	0	0
230	SLE RA 13	-0.09	-0.18	11.99	0	0	0
230	SLE RA 14	-0.1	-0.19	12.14	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
230	SLE RA 15	-0.1	-0.18	12.15	0	0	0
230	SLE RA 16	-0.1	-0.19	12.09	0	0	0
230	SLE RA 17	-0.1	-0.18	12.09	0	0	0
230	SLE RA 18	-0.1	-0.19	12.23	0	0	0
230	SLE RA 19	-0.1	-0.18	12.24	0	0	0
230	SLE RA 20	-0.1	-0.19	12.34	0	0	0
230	SLE RA 21	-0.1	-0.18	12.35	0	0	0
230	SLE FR 1	-0.1	-0.18	11.03	0	0	0
230	SLE FR 2	-0.1	-0.18	11.03	0	0	0
230	SLE FR 3	-0.1	-0.18	11.08	0	0	0
230	SLE FR 4	-0.1	-0.18	11.39	0	0	0
230	SLE FR 5	-0.1	-0.18	11.43	0	0	0
230	SLE FR 6	-0.1	-0.18	11.63	0	0	0
230	SLE QP 1	-0.1	-0.18	11.03	0	0	0
230	SLE QP 2	-0.1	-0.18	11.39	0	0	0
230	SLD 1	0.9	-0.11	11.75	0	0	0
230	SLD 2	1	-0.14	11.71	0	0	0
230	SLD 3	0.91	-0.38	11.48	0	0	0
230	SLD 4	1.02	-0.42	11.44	0	0	0
230	SLD 5	0.17	0.27	11.92	0	0	0
230	SLD 6	0.23	0.25	11.89	0	0	0
230	SLD 7	0.21	-0.66	11.01	0	0	0
230	SLD 8	0.27	-0.68	10.99	0	0	0
230	SLD 9	-0.47	0.32	11.8	0	0	0
230	SLD 10	-0.4	0.3	11.77	0	0	0
230	SLD 11	-0.43	-0.61	10.89	0	0	0
230	SLD 12	-0.36	-0.63	10.86	0	0	0
230	SLD 13	-1.21	0.06	11.34	0	0	0
230	SLD 14	-1.11	0.02	11.3	0	0	0
230	SLD 15	-1.2	-0.22	11.07	0	0	0
230	SLD 16	-1.09	-0.26	11.03	0	0	0
230	SLV 1	2.24	-0.01	12.23	0	0	0
230	SLV 2	2.48	-0.1	12.14	0	0	0
230	SLV 3	2.27	-0.65	11.61	0	0	0
230	SLV 4	2.51	-0.73	11.52	0	0	0
230	SLV 5	0.52	0.84	12.59	0	0	0
230	SLV 6	0.68	0.79	12.53	0	0	0
230	SLV 7	0.61	-1.26	10.54	0	0	0
230	SLV 8	0.77	-1.32	10.48	0	0	0
230	SLV 9	-0.96	0.95	12.3	0	0	0
230	SLV 10	-0.81	0.9	12.24	0	0	0
230	SLV 11	-0.87	-1.15	10.25	0	0	0
230	SLV 12	-0.71	-1.2	10.19	0	0	0
230	SLV 13	-2.7	0.37	11.26	0	0	0
230	SLV 14	-2.46	0.28	11.17	0	0	0
230	SLV 15	-2.67	-0.26	10.65	0	0	0
230	SLV 16	-2.43	-0.35	10.55	0	0	0
231	SLU 1	-0.09	-0.15	10.79	0	0	0
231	SLU 2	-0.08	-0.14	10.81	0	0	0
231	SLU 3	-0.09	-0.15	11.04	0	0	0
231	SLU 4	-0.09	-0.14	11.05	0	0	0
231	SLU 5	-0.09	-0.14	10.97	0	0	0
231	SLU 6	-0.1	-0.15	11.2	0	0	0
231	SLU 7	-0.09	-0.14	11.21	0	0	0
231	SLU 8	-0.09	-0.15	11.12	0	0	0
231	SLU 9	-0.09	-0.15	11.13	0	0	0
231	SLU 10	-0.09	-0.14	12.09	0	0	0
231	SLU 11	-0.1	-0.15	12.32	0	0	0
231	SLU 12	-0.09	-0.14	12.33	0	0	0
231	SLU 13	-0.09	-0.14	12.25	0	0	0
231	SLU 14	-0.1	-0.15	12.48	0	0	0
231	SLU 15	-0.09	-0.15	12.49	0	0	0
231	SLU 16	-0.1	-0.16	12.39	0	0	0
231	SLU 17	-0.09	-0.15	12.41	0	0	0
231	SLU 18	-0.09	-0.15	12.61	0	0	0
231	SLU 19	-0.09	-0.15	12.63	0	0	0
231	SLU 20	-0.1	-0.16	12.78	0	0	0
231	SLU 21	-0.09	-0.15	12.79	0	0	0
231	SLU 22	-0.1	-0.14	11.89	0	0	0
231	SLU 23	-0.1	-0.13	11.92	0	0	0
231	SLU 24	-0.1	-0.14	12.14	0	0	0
231	SLU 25	-0.1	-0.13	12.16	0	0	0
231	SLU 26	-0.1	-0.13	12.08	0	0	0
231	SLU 27	-0.11	-0.14	12.31	0	0	0
231	SLU 28	-0.1	-0.13	12.32	0	0	0
231	SLU 29	-0.11	-0.14	12.22	0	0	0
231	SLU 30	-0.1	-0.14	12.23	0	0	0
231	SLU 31	-0.1	-0.13	13.19	0	0	0
231	SLU 32	-0.11	-0.14	13.42	0	0	0
231	SLU 33	-0.1	-0.13	13.43	0	0	0
231	SLU 34	-0.1	-0.13	13.36	0	0	0
231	SLU 35	-0.11	-0.14	13.59	0	0	0
231	SLU 36	-0.1	-0.14	13.6	0	0	0
231	SLU 37	-0.11	-0.15	13.5	0	0	0
231	SLU 38	-0.1	-0.14	13.51	0	0	0
231	SLU 39	-0.11	-0.14	13.72	0	0	0
231	SLU 40	-0.1	-0.14	13.73	0	0	0
231	SLU 41	-0.11	-0.14	13.88	0	0	0
231	SLU 42	-0.1	-0.14	13.9	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
231	SLU 43	-0.12	-0.2	13.65	0	0	0
231	SLU 44	-0.11	-0.18	13.67	0	0	0
231	SLU 45	-0.12	-0.2	13.9	0	0	0
231	SLU 46	-0.11	-0.19	13.91	0	0	0
231	SLU 47	-0.11	-0.19	13.83	0	0	0
231	SLU 48	-0.12	-0.2	14.06	0	0	0
231	SLU 49	-0.12	-0.19	14.07	0	0	0
231	SLU 50	-0.12	-0.2	13.97	0	0	0
231	SLU 51	-0.11	-0.19	13.99	0	0	0
231	SLU 52	-0.11	-0.19	14.94	0	0	0
231	SLU 53	-0.12	-0.2	15.17	0	0	0
231	SLU 54	-0.12	-0.19	15.19	0	0	0
231	SLU 55	-0.11	-0.19	15.11	0	0	0
231	SLU 56	-0.12	-0.2	15.34	0	0	0
231	SLU 57	-0.12	-0.2	15.35	0	0	0
231	SLU 58	-0.12	-0.2	15.25	0	0	0
231	SLU 59	-0.12	-0.2	15.26	0	0	0
231	SLU 60	-0.12	-0.2	15.47	0	0	0
231	SLU 61	-0.11	-0.19	15.48	0	0	0
231	SLU 62	-0.12	-0.2	15.64	0	0	0
231	SLU 63	-0.12	-0.2	15.65	0	0	0
231	SLU 64	-0.13	-0.19	14.75	0	0	0
231	SLU 65	-0.12	-0.17	14.77	0	0	0
231	SLU 66	-0.13	-0.19	15	0	0	0
231	SLU 67	-0.12	-0.18	15.01	0	0	0
231	SLU 68	-0.12	-0.18	14.94	0	0	0
231	SLU 69	-0.13	-0.19	15.17	0	0	0
231	SLU 70	-0.13	-0.18	15.18	0	0	0
231	SLU 71	-0.13	-0.19	15.08	0	0	0
231	SLU 72	-0.13	-0.18	15.09	0	0	0
231	SLU 73	-0.12	-0.18	16.05	0	0	0
231	SLU 74	-0.13	-0.19	16.28	0	0	0
231	SLU 75	-0.13	-0.18	16.29	0	0	0
231	SLU 76	-0.12	-0.18	16.21	0	0	0
231	SLU 77	-0.13	-0.19	16.44	0	0	0
231	SLU 78	-0.13	-0.19	16.46	0	0	0
231	SLU 79	-0.13	-0.19	16.36	0	0	0
231	SLU 80	-0.13	-0.19	16.37	0	0	0
231	SLU 81	-0.13	-0.19	16.58	0	0	0
231	SLU 82	-0.12	-0.18	16.59	0	0	0
231	SLU 83	-0.13	-0.19	16.74	0	0	0
231	SLU 84	-0.13	-0.19	16.75	0	0	0
231	SLE RA 1	-0.09	-0.15	11.11	0	0	0
231	SLE RA 2	-0.09	-0.14	11.12	0	0	0
231	SLE RA 3	-0.1	-0.15	11.27	0	0	0
231	SLE RA 4	-0.09	-0.14	11.28	0	0	0
231	SLE RA 5	-0.09	-0.14	11.23	0	0	0
231	SLE RA 6	-0.1	-0.15	11.38	0	0	0
231	SLE RA 7	-0.09	-0.14	11.39	0	0	0
231	SLE RA 8	-0.1	-0.15	11.32	0	0	0
231	SLE RA 9	-0.09	-0.14	11.33	0	0	0
231	SLE RA 10	-0.09	-0.14	11.97	0	0	0
231	SLE RA 11	-0.1	-0.15	12.12	0	0	0
231	SLE RA 12	-0.09	-0.14	12.13	0	0	0
231	SLE RA 13	-0.09	-0.14	12.08	0	0	0
231	SLE RA 14	-0.1	-0.15	12.23	0	0	0
231	SLE RA 15	-0.1	-0.14	12.24	0	0	0
231	SLE RA 16	-0.1	-0.15	12.18	0	0	0
231	SLE RA 17	-0.1	-0.15	12.18	0	0	0
231	SLE RA 18	-0.1	-0.15	12.32	0	0	0
231	SLE RA 19	-0.09	-0.14	12.33	0	0	0
231	SLE RA 20	-0.1	-0.15	12.43	0	0	0
231	SLE RA 21	-0.09	-0.15	12.44	0	0	0
231	SLE FR 1	-0.09	-0.15	11.11	0	0	0
231	SLE FR 2	-0.09	-0.14	11.11	0	0	0
231	SLE FR 3	-0.1	-0.15	11.15	0	0	0
231	SLE FR 4	-0.09	-0.15	11.47	0	0	0
231	SLE FR 5	-0.1	-0.15	11.51	0	0	0
231	SLE FR 6	-0.1	-0.15	11.71	0	0	0
231	SLE QP 1	-0.09	-0.15	11.11	0	0	0
231	SLE QP 2	-0.1	-0.15	11.47	0	0	0
231	SLD 1	0.9	-0.05	11.73	0	0	0
231	SLD 2	1	-0.08	11.7	0	0	0
231	SLD 3	0.91	-0.33	11.46	0	0	0
231	SLD 4	1.02	-0.36	11.42	0	0	0
231	SLD 5	0.17	0.31	11.98	0	0	0
231	SLD 6	0.24	0.29	11.95	0	0	0
231	SLD 7	0.21	-0.62	11.05	0	0	0
231	SLD 8	0.27	-0.64	11.03	0	0	0
231	SLD 9	-0.47	0.35	11.91	0	0	0
231	SLD 10	-0.4	0.33	11.89	0	0	0
231	SLD 11	-0.43	-0.59	10.99	0	0	0
231	SLD 12	-0.36	-0.61	10.96	0	0	0
231	SLD 13	-1.21	0.07	11.52	0	0	0
231	SLD 14	-1.1	0.04	11.48	0	0	0
231	SLD 15	-1.2	-0.21	11.24	0	0	0
231	SLD 16	-1.09	-0.24	11.21	0	0	0
231	SLV 1	2.24	0.07	12.08	0	0	0
231	SLV 2	2.48	0	11.99	0	0	0



Nodo		Reazione a traslazione			Reazione a rotazione		
Ind.	Cont. N.br.	x	y	z	x	y	z
231	SLV 3	2.27	-0.57	11.45	0	0	0
231	SLV 4	2.51	-0.64	11.37	0	0	0
231	SLV 5	0.52	0.9	12.62	0	0	0
231	SLV 6	0.68	0.85	12.56	0	0	0
231	SLV 7	0.61	-1.23	10.53	0	0	0
231	SLV 8	0.77	-1.27	10.47	0	0	0
231	SLV 9	-0.96	0.98	12.47	0	0	0
231	SLV 10	-0.8	0.93	12.41	0	0	0
231	SLV 11	-0.87	-1.14	10.38	0	0	0
231	SLV 12	-0.71	-1.19	10.32	0	0	0
231	SLV 13	-2.7	0.35	11.57	0	0	0
231	SLV 14	-2.46	0.27	11.49	0	0	0
231	SLV 15	-2.67	-0.29	10.95	0	0	0
231	SLV 16	-2.43	-0.36	10.86	0	0	0
232	SLU 1	-0.09	-0.12	10.91	0	0	0
232	SLU 2	-0.08	-0.11	10.94	0	0	0
232	SLU 3	-0.09	-0.12	11.17	0	0	0
232	SLU 4	-0.09	-0.11	11.18	0	0	0
232	SLU 5	-0.08	-0.11	11.1	0	0	0
232	SLU 6	-0.09	-0.12	11.33	0	0	0
232	SLU 7	-0.09	-0.11	11.35	0	0	0
232	SLU 8	-0.09	-0.12	11.25	0	0	0
232	SLU 9	-0.09	-0.11	11.26	0	0	0
232	SLU 10	-0.08	-0.11	12.24	0	0	0
232	SLU 11	-0.09	-0.12	12.47	0	0	0
232	SLU 12	-0.09	-0.11	12.49	0	0	0
232	SLU 13	-0.09	-0.11	12.41	0	0	0
232	SLU 14	-0.1	-0.12	12.64	0	0	0
232	SLU 15	-0.09	-0.11	12.65	0	0	0
232	SLU 16	-0.1	-0.12	12.55	0	0	0
232	SLU 17	-0.09	-0.11	12.57	0	0	0
232	SLU 18	-0.09	-0.12	12.78	0	0	0
232	SLU 19	-0.09	-0.11	12.79	0	0	0
232	SLU 20	-0.09	-0.12	12.95	0	0	0
232	SLU 21	-0.09	-0.11	12.96	0	0	0
232	SLU 22	-0.1	-0.1	12.03	0	0	0
232	SLU 23	-0.09	-0.09	12.06	0	0	0
232	SLU 24	-0.1	-0.1	12.29	0	0	0
232	SLU 25	-0.1	-0.1	12.3	0	0	0
232	SLU 26	-0.1	-0.09	12.22	0	0	0
232	SLU 27	-0.1	-0.11	12.46	0	0	0
232	SLU 28	-0.1	-0.1	12.47	0	0	0
232	SLU 29	-0.1	-0.11	12.37	0	0	0
232	SLU 30	-0.1	-0.1	12.38	0	0	0
232	SLU 31	-0.1	-0.09	13.36	0	0	0
232	SLU 32	-0.1	-0.1	13.59	0	0	0
232	SLU 33	-0.1	-0.1	13.61	0	0	0
232	SLU 34	-0.1	-0.09	13.53	0	0	0
232	SLU 35	-0.11	-0.1	13.76	0	0	0
232	SLU 36	-0.1	-0.1	13.78	0	0	0
232	SLU 37	-0.11	-0.11	13.67	0	0	0
232	SLU 38	-0.1	-0.1	13.69	0	0	0
232	SLU 39	-0.1	-0.1	13.9	0	0	0
232	SLU 40	-0.1	-0.1	13.91	0	0	0
232	SLU 41	-0.1	-0.11	14.07	0	0	0
232	SLU 42	-0.1	-0.1	14.08	0	0	0
232	SLU 43	-0.11	-0.16	13.8	0	0	0
232	SLU 44	-0.11	-0.15	13.82	0	0	0
232	SLU 45	-0.12	-0.16	14.06	0	0	0
232	SLU 46	-0.11	-0.15	14.07	0	0	0
232	SLU 47	-0.11	-0.15	13.99	0	0	0
232	SLU 48	-0.12	-0.16	14.22	0	0	0
232	SLU 49	-0.11	-0.15	14.24	0	0	0
232	SLU 50	-0.12	-0.16	14.14	0	0	0
232	SLU 51	-0.11	-0.16	14.15	0	0	0
232	SLU 52	-0.11	-0.15	15.13	0	0	0
232	SLU 53	-0.12	-0.16	15.36	0	0	0
232	SLU 54	-0.11	-0.15	15.38	0	0	0
232	SLU 55	-0.11	-0.15	15.3	0	0	0
232	SLU 56	-0.12	-0.16	15.53	0	0	0
232	SLU 57	-0.12	-0.15	15.54	0	0	0
232	SLU 58	-0.12	-0.16	15.44	0	0	0
232	SLU 59	-0.11	-0.15	15.46	0	0	0
232	SLU 60	-0.12	-0.16	15.67	0	0	0
232	SLU 61	-0.11	-0.15	15.68	0	0	0
232	SLU 62	-0.12	-0.16	15.83	0	0	0
232	SLU 63	-0.11	-0.15	15.85	0	0	0
232	SLU 64	-0.12	-0.14	14.92	0	0	0
232	SLU 65	-0.12	-0.13	14.95	0	0	0
232	SLU 66	-0.13	-0.14	15.18	0	0	0
232	SLU 67	-0.12	-0.14	15.19	0	0	0
232	SLU 68	-0.12	-0.13	15.11	0	0	0
232	SLU 69	-0.13	-0.15	15.34	0	0	0
232	SLU 70	-0.12	-0.14	15.36	0	0	0
232	SLU 71	-0.13	-0.15	15.26	0	0	0
232	SLU 72	-0.12	-0.14	15.27	0	0	0
232	SLU 73	-0.12	-0.13	16.25	0	0	0
232	SLU 74	-0.13	-0.14	16.48	0	0	0
232	SLU 75	-0.12	-0.14	16.5	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
232	SLU 76	-0.12	-0.13	16.42	0	0	0
232	SLU 77	-0.13	-0.15	16.65	0	0	0
232	SLU 78	-0.13	-0.14	16.66	0	0	0
232	SLU 79	-0.13	-0.15	16.56	0	0	0
232	SLU 80	-0.12	-0.14	16.58	0	0	0
232	SLU 81	-0.13	-0.14	16.79	0	0	0
232	SLU 82	-0.12	-0.14	16.8	0	0	0
232	SLU 83	-0.13	-0.15	16.96	0	0	0
232	SLU 84	-0.12	-0.14	16.97	0	0	0
232	SLE RA 1	-0.09	-0.11	11.23	0	0	0
232	SLE RA 2	-0.09	-0.11	11.25	0	0	0
232	SLE RA 3	-0.09	-0.11	11.4	0	0	0
232	SLE RA 4	-0.09	-0.11	11.41	0	0	0
232	SLE RA 5	-0.09	-0.11	11.36	0	0	0
232	SLE RA 6	-0.1	-0.11	11.51	0	0	0
232	SLE RA 7	-0.09	-0.11	11.52	0	0	0
232	SLE RA 8	-0.1	-0.12	11.46	0	0	0
232	SLE RA 9	-0.09	-0.11	11.47	0	0	0
232	SLE RA 10	-0.09	-0.11	12.12	0	0	0
232	SLE RA 11	-0.1	-0.11	12.27	0	0	0
232	SLE RA 12	-0.09	-0.11	12.28	0	0	0
232	SLE RA 13	-0.09	-0.11	12.23	0	0	0
232	SLE RA 14	-0.1	-0.11	12.38	0	0	0
232	SLE RA 15	-0.09	-0.11	12.39	0	0	0
232	SLE RA 16	-0.1	-0.12	12.33	0	0	0
232	SLE RA 17	-0.09	-0.11	12.34	0	0	0
232	SLE RA 18	-0.09	-0.11	12.48	0	0	0
232	SLE RA 19	-0.09	-0.11	12.49	0	0	0
232	SLE RA 20	-0.1	-0.11	12.59	0	0	0
232	SLE RA 21	-0.09	-0.11	12.6	0	0	0
232	SLE FR 1	-0.09	-0.11	11.23	0	0	0
232	SLE FR 2	-0.09	-0.11	11.24	0	0	0
232	SLE FR 3	-0.09	-0.11	11.28	0	0	0
232	SLE FR 4	-0.09	-0.11	11.61	0	0	0
232	SLE FR 5	-0.09	-0.11	11.65	0	0	0
232	SLE FR 6	-0.09	-0.11	11.86	0	0	0
232	SLE QP 1	-0.09	-0.11	11.23	0	0	0
232	SLE QP 2	-0.09	-0.11	11.61	0	0	0
232	SLD 1	0.9	0	11.79	0	0	0
232	SLD 2	1	-0.02	11.76	0	0	0
232	SLD 3	0.91	-0.28	11.51	0	0	0
232	SLD 4	1.01	-0.3	11.47	0	0	0
232	SLD 5	0.17	0.35	12.1	0	0	0
232	SLD 6	0.23	0.34	12.07	0	0	0
232	SLD 7	0.21	-0.59	11.15	0	0	0
232	SLD 8	0.27	-0.6	11.13	0	0	0
232	SLD 9	-0.46	0.38	12.08	0	0	0
232	SLD 10	-0.39	0.36	12.06	0	0	0
232	SLD 11	-0.42	-0.56	11.14	0	0	0
232	SLD 12	-0.35	-0.58	11.12	0	0	0
232	SLD 13	-1.2	0.08	11.74	0	0	0
232	SLD 14	-1.1	0.05	11.71	0	0	0
232	SLD 15	-1.19	-0.21	11.46	0	0	0
232	SLD 16	-1.08	-0.23	11.42	0	0	0
232	SLV 1	2.22	0.15	12.02	0	0	0
232	SLV 2	2.46	0.09	11.95	0	0	0
232	SLV 3	2.25	-0.49	11.38	0	0	0
232	SLV 4	2.49	-0.55	11.31	0	0	0
232	SLV 5	0.52	0.95	12.71	0	0	0
232	SLV 6	0.67	0.91	12.67	0	0	0
232	SLV 7	0.61	-1.18	10.58	0	0	0
232	SLV 8	0.76	-1.22	10.53	0	0	0
232	SLV 9	-0.95	1	12.68	0	0	0
232	SLV 10	-0.8	0.96	12.63	0	0	0
232	SLV 11	-0.86	-1.13	10.55	0	0	0
232	SLV 12	-0.71	-1.17	10.5	0	0	0
232	SLV 13	-2.68	0.32	11.9	0	0	0
232	SLV 14	-2.44	0.26	11.83	0	0	0
232	SLV 15	-2.65	-0.32	11.26	0	0	0
232	SLV 16	-2.41	-0.38	11.19	0	0	0
233	SLU 1	-0.08	-0.08	10.61	0	0	0
233	SLU 2	-0.08	-0.07	10.63	0	0	0
233	SLU 3	-0.09	-0.08	10.86	0	0	0
233	SLU 4	-0.08	-0.08	10.87	0	0	0
233	SLU 5	-0.08	-0.08	10.8	0	0	0
233	SLU 6	-0.09	-0.08	11.02	0	0	0
233	SLU 7	-0.08	-0.08	11.04	0	0	0
233	SLU 8	-0.09	-0.09	10.94	0	0	0
233	SLU 9	-0.08	-0.08	10.95	0	0	0
233	SLU 10	-0.08	-0.07	11.92	0	0	0
233	SLU 11	-0.09	-0.08	12.14	0	0	0
233	SLU 12	-0.08	-0.07	12.16	0	0	0
233	SLU 13	-0.08	-0.07	12.08	0	0	0
233	SLU 14	-0.09	-0.08	12.3	0	0	0
233	SLU 15	-0.09	-0.08	12.32	0	0	0
233	SLU 16	-0.09	-0.08	12.22	0	0	0
233	SLU 17	-0.09	-0.08	12.23	0	0	0
233	SLU 18	-0.09	-0.08	12.44	0	0	0
233	SLU 19	-0.08	-0.07	12.46	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
233	SLU 20	-0.09	-0.08	12.61	0	0	0
233	SLU 21	-0.08	-0.08	12.62	0	0	0
233	SLU 22	-0.09	-0.07	11.71	0	0	0
233	SLU 23	-0.09	-0.06	11.73	0	0	0
233	SLU 24	-0.1	-0.07	11.95	0	0	0
233	SLU 25	-0.09	-0.06	11.97	0	0	0
233	SLU 26	-0.09	-0.06	11.89	0	0	0
233	SLU 27	-0.1	-0.07	12.12	0	0	0
233	SLU 28	-0.09	-0.06	12.13	0	0	0
233	SLU 29	-0.1	-0.07	12.03	0	0	0
233	SLU 30	-0.09	-0.06	12.05	0	0	0
233	SLU 31	-0.09	-0.05	13.01	0	0	0
233	SLU 32	-0.1	-0.06	13.24	0	0	0
233	SLU 33	-0.09	-0.06	13.25	0	0	0
233	SLU 34	-0.09	-0.06	13.18	0	0	0
233	SLU 35	-0.1	-0.06	13.4	0	0	0
233	SLU 36	-0.1	-0.06	13.42	0	0	0
233	SLU 37	-0.1	-0.07	13.32	0	0	0
233	SLU 38	-0.1	-0.06	13.33	0	0	0
233	SLU 39	-0.1	-0.06	13.54	0	0	0
233	SLU 40	-0.09	-0.06	13.55	0	0	0
233	SLU 41	-0.1	-0.06	13.7	0	0	0
233	SLU 42	-0.09	-0.06	13.72	0	0	0
233	SLU 43	-0.11	-0.11	13.42	0	0	0
233	SLU 44	-0.1	-0.11	13.44	0	0	0
233	SLU 45	-0.11	-0.11	13.66	0	0	0
233	SLU 46	-0.1	-0.11	13.68	0	0	0
233	SLU 47	-0.1	-0.11	13.6	0	0	0
233	SLU 48	-0.11	-0.12	13.83	0	0	0
233	SLU 49	-0.11	-0.11	13.84	0	0	0
233	SLU 50	-0.11	-0.12	13.74	0	0	0
233	SLU 51	-0.11	-0.11	13.76	0	0	0
233	SLU 52	-0.1	-0.1	14.72	0	0	0
233	SLU 53	-0.11	-0.11	14.95	0	0	0
233	SLU 54	-0.11	-0.11	14.96	0	0	0
233	SLU 55	-0.1	-0.1	14.89	0	0	0
233	SLU 56	-0.11	-0.11	15.11	0	0	0
233	SLU 57	-0.11	-0.11	15.13	0	0	0
233	SLU 58	-0.11	-0.11	15.03	0	0	0
233	SLU 59	-0.11	-0.11	15.04	0	0	0
233	SLU 60	-0.11	-0.11	15.25	0	0	0
233	SLU 61	-0.1	-0.11	15.26	0	0	0
233	SLU 62	-0.11	-0.11	15.41	0	0	0
233	SLU 63	-0.11	-0.11	15.43	0	0	0
233	SLU 64	-0.12	-0.1	14.51	0	0	0
233	SLU 65	-0.11	-0.09	14.54	0	0	0
233	SLU 66	-0.12	-0.1	14.76	0	0	0
233	SLU 67	-0.11	-0.09	14.77	0	0	0
233	SLU 68	-0.11	-0.09	14.7	0	0	0
233	SLU 69	-0.12	-0.1	14.92	0	0	0
233	SLU 70	-0.12	-0.09	14.94	0	0	0
233	SLU 71	-0.12	-0.1	14.84	0	0	0
233	SLU 72	-0.12	-0.09	14.85	0	0	0
233	SLU 73	-0.11	-0.09	15.82	0	0	0
233	SLU 74	-0.12	-0.09	16.04	0	0	0
233	SLU 75	-0.12	-0.09	16.06	0	0	0
233	SLU 76	-0.11	-0.09	15.98	0	0	0
233	SLU 77	-0.12	-0.09	16.21	0	0	0
233	SLU 78	-0.12	-0.09	16.22	0	0	0
233	SLU 79	-0.12	-0.1	16.12	0	0	0
233	SLU 80	-0.12	-0.09	16.14	0	0	0
233	SLU 81	-0.12	-0.09	16.35	0	0	0
233	SLU 82	-0.11	-0.09	16.36	0	0	0
233	SLU 83	-0.12	-0.09	16.51	0	0	0
233	SLU 84	-0.12	-0.09	16.52	0	0	0
233	SLE RA 1	-0.09	-0.08	10.92	0	0	0
233	SLE RA 2	-0.08	-0.07	10.94	0	0	0
233	SLE RA 3	-0.09	-0.08	11.09	0	0	0
233	SLE RA 4	-0.09	-0.07	11.1	0	0	0
233	SLE RA 5	-0.08	-0.07	11.05	0	0	0
233	SLE RA 6	-0.09	-0.08	11.2	0	0	0
233	SLE RA 7	-0.09	-0.08	11.21	0	0	0
233	SLE RA 8	-0.09	-0.08	11.14	0	0	0
233	SLE RA 9	-0.09	-0.08	11.15	0	0	0
233	SLE RA 10	-0.08	-0.07	11.79	0	0	0
233	SLE RA 11	-0.09	-0.08	11.94	0	0	0
233	SLE RA 12	-0.09	-0.07	11.95	0	0	0
233	SLE RA 13	-0.09	-0.07	11.9	0	0	0
233	SLE RA 14	-0.09	-0.08	12.05	0	0	0
233	SLE RA 15	-0.09	-0.07	12.06	0	0	0
233	SLE RA 16	-0.09	-0.08	12	0	0	0
233	SLE RA 17	-0.09	-0.07	12.01	0	0	0
233	SLE RA 18	-0.09	-0.08	12.14	0	0	0
233	SLE RA 19	-0.09	-0.07	12.15	0	0	0
233	SLE RA 20	-0.09	-0.08	12.25	0	0	0
233	SLE RA 21	-0.09	-0.07	12.26	0	0	0
233	SLE FR 1	-0.09	-0.08	10.92	0	0	0
233	SLE FR 2	-0.09	-0.08	10.93	0	0	0
233	SLE FR 3	-0.09	-0.08	10.97	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
233	SLE FR 4	-0.09	-0.08	11.29	0	0	0
233	SLE FR 5	-0.09	-0.08	11.33	0	0	0
233	SLE FR 6	-0.09	-0.08	11.53	0	0	0
233	SLE QP 1	-0.09	-0.08	10.92	0	0	0
233	SLE QP 2	-0.09	-0.08	11.29	0	0	0
233	SLD 1	0.85	0.05	11.36	0	0	0
233	SLD 2	0.94	0.03	11.33	0	0	0
233	SLD 3	0.86	-0.22	11.08	0	0	0
233	SLD 4	0.95	-0.24	11.06	0	0	0
233	SLD 5	0.16	0.37	11.73	0	0	0
233	SLD 6	0.22	0.36	11.72	0	0	0
233	SLD 7	0.2	-0.52	10.81	0	0	0
233	SLD 8	0.26	-0.54	10.79	0	0	0
233	SLD 9	-0.44	0.38	11.78	0	0	0
233	SLD 10	-0.37	0.37	11.77	0	0	0
233	SLD 11	-0.4	-0.52	10.86	0	0	0
233	SLD 12	-0.33	-0.53	10.84	0	0	0
233	SLD 13	-1.13	0.08	11.52	0	0	0
233	SLD 14	-1.03	0.06	11.49	0	0	0
233	SLD 15	-1.12	-0.19	11.25	0	0	0
233	SLD 16	-1.02	-0.21	11.22	0	0	0
233	SLV 1	2.1	0.22	11.44	0	0	0
233	SLV 2	2.33	0.17	11.38	0	0	0
233	SLV 3	2.13	-0.39	10.82	0	0	0
233	SLV 4	2.35	-0.44	10.75	0	0	0
233	SLV 5	0.49	0.94	12.3	0	0	0
233	SLV 6	0.64	0.91	12.26	0	0	0
233	SLV 7	0.58	-1.09	10.21	0	0	0
233	SLV 8	0.72	-1.12	10.17	0	0	0
233	SLV 9	-0.9	0.96	12.41	0	0	0
233	SLV 10	-0.75	0.93	12.37	0	0	0
233	SLV 11	-0.81	-1.07	10.32	0	0	0
233	SLV 12	-0.67	-1.1	10.28	0	0	0
233	SLV 13	-2.53	0.28	11.82	0	0	0
233	SLV 14	-2.3	0.24	11.76	0	0	0
233	SLV 15	-2.5	-0.33	11.2	0	0	0
233	SLV 16	-2.28	-0.37	11.13	0	0	0
235	SLU 1	-0.04	-0.13	4.66	0	0	0
235	SLU 2	-0.04	-0.12	4.66	0	0	0
235	SLU 3	-0.04	-0.13	4.77	0	0	0
235	SLU 4	-0.04	-0.13	4.77	0	0	0
235	SLU 5	-0.04	-0.12	4.73	0	0	0
235	SLU 6	-0.05	-0.13	4.84	0	0	0
235	SLU 7	-0.04	-0.13	4.84	0	0	0
235	SLU 8	-0.04	-0.13	4.8	0	0	0
235	SLU 9	-0.04	-0.13	4.8	0	0	0
235	SLU 10	-0.04	-0.13	5.2	0	0	0
235	SLU 11	-0.05	-0.14	5.3	0	0	0
235	SLU 12	-0.04	-0.14	5.31	0	0	0
235	SLU 13	-0.04	-0.13	5.27	0	0	0
235	SLU 14	-0.05	-0.14	5.37	0	0	0
235	SLU 15	-0.04	-0.14	5.38	0	0	0
235	SLU 16	-0.05	-0.14	5.34	0	0	0
235	SLU 17	-0.04	-0.14	5.34	0	0	0
235	SLU 18	-0.05	-0.14	5.43	0	0	0
235	SLU 19	-0.04	-0.14	5.43	0	0	0
235	SLU 20	-0.05	-0.14	5.5	0	0	0
235	SLU 21	-0.04	-0.14	5.5	0	0	0
235	SLU 22	-0.05	-0.14	5.14	0	0	0
235	SLU 23	-0.05	-0.13	5.15	0	0	0
235	SLU 24	-0.05	-0.14	5.25	0	0	0
235	SLU 25	-0.05	-0.13	5.25	0	0	0
235	SLU 26	-0.05	-0.13	5.22	0	0	0
235	SLU 27	-0.05	-0.14	5.32	0	0	0
235	SLU 28	-0.05	-0.13	5.32	0	0	0
235	SLU 29	-0.05	-0.14	5.28	0	0	0
235	SLU 30	-0.05	-0.13	5.29	0	0	0
235	SLU 31	-0.05	-0.14	5.68	0	0	0
235	SLU 32	-0.05	-0.15	5.79	0	0	0
235	SLU 33	-0.05	-0.14	5.79	0	0	0
235	SLU 34	-0.05	-0.14	5.75	0	0	0
235	SLU 35	-0.05	-0.15	5.86	0	0	0
235	SLU 36	-0.05	-0.14	5.86	0	0	0
235	SLU 37	-0.05	-0.15	5.82	0	0	0
235	SLU 38	-0.05	-0.14	5.82	0	0	0
235	SLU 39	-0.05	-0.15	5.91	0	0	0
235	SLU 40	-0.05	-0.14	5.91	0	0	0
235	SLU 41	-0.05	-0.15	5.98	0	0	0
235	SLU 42	-0.05	-0.14	5.98	0	0	0
235	SLU 43	-0.05	-0.17	5.89	0	0	0
235	SLU 44	-0.05	-0.16	5.89	0	0	0
235	SLU 45	-0.06	-0.17	6	0	0	0
235	SLU 46	-0.05	-0.17	6	0	0	0
235	SLU 47	-0.05	-0.16	5.96	0	0	0
235	SLU 48	-0.06	-0.17	6.07	0	0	0
235	SLU 49	-0.05	-0.17	6.07	0	0	0
235	SLU 50	-0.06	-0.17	6.03	0	0	0
235	SLU 51	-0.05	-0.17	6.03	0	0	0
235	SLU 52	-0.05	-0.17	6.43	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
235	SLU 53	-0.06	-0.18	6.54	0	0	0
235	SLU 54	-0.06	-0.17	6.54	0	0	0
235	SLU 55	-0.05	-0.17	6.5	0	0	0
235	SLU 56	-0.06	-0.18	6.61	0	0	0
235	SLU 57	-0.06	-0.18	6.61	0	0	0
235	SLU 58	-0.06	-0.18	6.57	0	0	0
235	SLU 59	-0.06	-0.18	6.57	0	0	0
235	SLU 60	-0.06	-0.18	6.66	0	0	0
235	SLU 61	-0.05	-0.17	6.66	0	0	0
235	SLU 62	-0.06	-0.18	6.73	0	0	0
235	SLU 63	-0.06	-0.18	6.73	0	0	0
235	SLU 64	-0.06	-0.17	6.38	0	0	0
235	SLU 65	-0.06	-0.16	6.38	0	0	0
235	SLU 66	-0.06	-0.18	6.48	0	0	0
235	SLU 67	-0.06	-0.17	6.48	0	0	0
235	SLU 68	-0.06	-0.17	6.45	0	0	0
235	SLU 69	-0.06	-0.18	6.55	0	0	0
235	SLU 70	-0.06	-0.17	6.55	0	0	0
235	SLU 71	-0.06	-0.18	6.52	0	0	0
235	SLU 72	-0.06	-0.17	6.52	0	0	0
235	SLU 73	-0.06	-0.17	6.92	0	0	0
235	SLU 74	-0.06	-0.18	7.02	0	0	0
235	SLU 75	-0.06	-0.18	7.02	0	0	0
235	SLU 76	-0.06	-0.18	6.99	0	0	0
235	SLU 77	-0.06	-0.19	7.09	0	0	0
235	SLU 78	-0.06	-0.18	7.09	0	0	0
235	SLU 79	-0.06	-0.19	7.05	0	0	0
235	SLU 80	-0.06	-0.18	7.06	0	0	0
235	SLU 81	-0.06	-0.18	7.14	0	0	0
235	SLU 82	-0.06	-0.18	7.15	0	0	0
235	SLU 83	-0.06	-0.19	7.21	0	0	0
235	SLU 84	-0.06	-0.18	7.22	0	0	0
235	SLE RA 1	-0.04	-0.13	4.8	0	0	0
235	SLE RA 2	-0.04	-0.13	4.8	0	0	0
235	SLE RA 3	-0.05	-0.13	4.87	0	0	0
235	SLE RA 4	-0.04	-0.13	4.87	0	0	0
235	SLE RA 5	-0.04	-0.13	4.85	0	0	0
235	SLE RA 6	-0.05	-0.13	4.92	0	0	0
235	SLE RA 7	-0.04	-0.13	4.92	0	0	0
235	SLE RA 8	-0.05	-0.13	4.89	0	0	0
235	SLE RA 9	-0.04	-0.13	4.89	0	0	0
235	SLE RA 10	-0.04	-0.13	5.16	0	0	0
235	SLE RA 11	-0.05	-0.14	5.23	0	0	0
235	SLE RA 12	-0.05	-0.14	5.23	0	0	0
235	SLE RA 13	-0.04	-0.13	5.21	0	0	0
235	SLE RA 14	-0.05	-0.14	5.27	0	0	0
235	SLE RA 15	-0.05	-0.14	5.28	0	0	0
235	SLE RA 16	-0.05	-0.14	5.25	0	0	0
235	SLE RA 17	-0.05	-0.14	5.25	0	0	0
235	SLE RA 18	-0.05	-0.14	5.31	0	0	0
235	SLE RA 19	-0.05	-0.14	5.31	0	0	0
235	SLE RA 20	-0.05	-0.14	5.36	0	0	0
235	SLE RA 21	-0.05	-0.14	5.36	0	0	0
235	SLE FR 1	-0.04	-0.13	4.8	0	0	0
235	SLE FR 2	-0.04	-0.13	4.8	0	0	0
235	SLE FR 3	-0.05	-0.13	4.82	0	0	0
235	SLE FR 4	-0.04	-0.13	4.95	0	0	0
235	SLE FR 5	-0.05	-0.13	4.97	0	0	0
235	SLE FR 6	-0.05	-0.14	5.05	0	0	0
235	SLE QP 1	-0.04	-0.13	4.8	0	0	0
235	SLE QP 2	-0.05	-0.13	4.95	0	0	0
235	SLD 1	0.35	-0.14	5.32	0	0	0
235	SLD 2	0.39	-0.16	5.29	0	0	0
235	SLD 3	0.35	-0.25	5.2	0	0	0
235	SLD 4	0.4	-0.27	5.17	0	0	0
235	SLD 5	0.06	0.03	5.24	0	0	0
235	SLD 6	0.09	0.02	5.23	0	0	0
235	SLD 7	0.07	-0.33	4.85	0	0	0
235	SLD 8	0.1	-0.34	4.83	0	0	0
235	SLD 9	-0.19	0.07	5.07	0	0	0
235	SLD 10	-0.17	0.06	5.05	0	0	0
235	SLD 11	-0.18	-0.28	4.68	0	0	0
235	SLD 12	-0.15	-0.3	4.66	0	0	0
235	SLD 13	-0.49	0	4.73	0	0	0
235	SLD 14	-0.45	-0.02	4.71	0	0	0
235	SLD 15	-0.48	-0.11	4.61	0	0	0
235	SLD 16	-0.44	-0.13	4.59	0	0	0
235	SLV 1	0.88	-0.15	5.8	0	0	0
235	SLV 2	0.97	-0.2	5.74	0	0	0
235	SLV 3	0.89	-0.39	5.53	0	0	0
235	SLV 4	0.98	-0.44	5.48	0	0	0
235	SLV 5	0.2	0.24	5.62	0	0	0
235	SLV 6	0.26	0.2	5.58	0	0	0
235	SLV 7	0.24	-0.57	4.73	0	0	0
235	SLV 8	0.3	-0.6	4.69	0	0	0
235	SLV 9	-0.39	0.33	5.21	0	0	0
235	SLV 10	-0.33	0.3	5.17	0	0	0
235	SLV 11	-0.35	-0.47	4.32	0	0	0
235	SLV 12	-0.29	-0.51	4.28	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
235	SLV 13	-1.08	0.17	4.43	0	0	0
235	SLV 14	-0.98	0.12	4.37	0	0	0
235	SLV 15	-1.06	-0.07	4.16	0	0	0
235	SLV 16	-0.97	-0.12	4.1	0	0	0
236	SLU 1	-0.04	-0.04	5.3	0	0.7969	0.0045
236	SLU 2	-0.04	-0.03	5.32	0	0.7989	0.0039
236	SLU 3	-0.04	-0.03	5.43	0	0.8157	0.0044
236	SLU 4	-0.04	-0.03	5.44	0	0.8169	0.004
236	SLU 5	-0.04	-0.03	5.4	0	0.8113	0.004
236	SLU 6	-0.04	-0.03	5.51	0	0.8281	0.0044
236	SLU 7	-0.04	-0.03	5.52	0	0.8293	0.0041
236	SLU 8	-0.04	-0.03	5.47	0	0.8217	0.0046
236	SLU 9	-0.04	-0.03	5.48	0	0.8229	0.0043
236	SLU 10	-0.04	-0.02	5.97	0	0.8963	0.0035
236	SLU 11	-0.04	-0.03	6.08	0	0.9132	0.004
236	SLU 12	-0.04	-0.02	6.09	0	0.9144	0.0036
236	SLU 13	-0.04	-0.02	6.05	0	0.9087	0.0036
236	SLU 14	-0.04	-0.03	6.16	0	0.9256	0.004
236	SLU 15	-0.04	-0.02	6.17	0	0.9267	0.0037
236	SLU 16	-0.04	-0.03	6.12	0	0.9191	0.0042
236	SLU 17	-0.04	-0.03	6.13	0	0.9203	0.0039
236	SLU 18	-0.04	-0.03	6.23	0	0.9361	0.0039
236	SLU 19	-0.04	-0.02	6.24	0	0.9373	0.0036
236	SLU 20	-0.04	-0.03	6.31	0	0.9485	0.004
236	SLU 21	-0.04	-0.02	6.32	0	0.9497	0.0036
236	SLU 22	-0.05	-0.02	5.86	0	0.8797	0.003
236	SLU 23	-0.04	-0.02	5.87	0	0.8817	0.0024
236	SLU 24	-0.05	-0.02	5.98	0	0.8985	0.0029
236	SLU 25	-0.04	-0.02	5.99	0	0.8997	0.0025
236	SLU 26	-0.04	-0.02	5.95	0	0.8941	0.0025
236	SLU 27	-0.05	-0.02	6.06	0	0.9109	0.003
236	SLU 28	-0.05	-0.02	6.07	0	0.9121	0.0026
236	SLU 29	-0.05	-0.02	6.02	0	0.9045	0.0032
236	SLU 30	-0.05	-0.02	6.03	0	0.9057	0.0028
236	SLU 31	-0.04	-0.01	6.52	0	0.9791	0.002
236	SLU 32	-0.05	-0.02	6.63	0	0.996	0.0025
236	SLU 33	-0.05	-0.01	6.64	0	0.9972	0.0021
236	SLU 34	-0.04	-0.01	6.6	0	0.9915	0.0021
236	SLU 35	-0.05	-0.02	6.71	0	1.0084	0.0026
236	SLU 36	-0.05	-0.01	6.72	0	1.0096	0.0022
236	SLU 37	-0.05	-0.02	6.67	0	1.0019	0.0028
236	SLU 38	-0.05	-0.02	6.68	0	1.0031	0.0024
236	SLU 39	-0.05	-0.02	6.78	0	1.0189	0.0024
236	SLU 40	-0.04	-0.01	6.79	0	1.0201	0.0021
236	SLU 41	-0.05	-0.02	6.87	0	1.0313	0.0025
236	SLU 42	-0.05	-0.01	6.87	0	1.0325	0.0022
236	SLU 43	-0.05	-0.04	6.71	0	1.0076	0.0063
236	SLU 44	-0.05	-0.04	6.72	0	1.0096	0.0057
236	SLU 45	-0.05	-0.04	6.83	0	1.0264	0.0062
236	SLU 46	-0.05	-0.04	6.84	0	1.0276	0.0059
236	SLU 47	-0.05	-0.04	6.8	0	1.022	0.0058
236	SLU 48	-0.05	-0.04	6.92	0	1.0388	0.0063
236	SLU 49	-0.05	-0.04	6.92	0	1.04	0.0059
236	SLU 50	-0.05	-0.04	6.87	0	1.0323	0.0065
236	SLU 51	-0.05	-0.04	6.88	0	1.0335	0.0061
236	SLU 52	-0.05	-0.04	7.37	0	1.107	0.0054
236	SLU 53	-0.05	-0.04	7.48	0	1.1239	0.0058
236	SLU 54	-0.05	-0.04	7.49	0	1.125	0.0055
236	SLU 55	-0.05	-0.04	7.45	0	1.1194	0.0054
236	SLU 56	-0.05	-0.04	7.56	0	1.1362	0.0059
236	SLU 57	-0.05	-0.04	7.57	0	1.1374	0.0055
236	SLU 58	-0.05	-0.04	7.52	0	1.1298	0.0061
236	SLU 59	-0.05	-0.04	7.53	0	1.131	0.0057
236	SLU 60	-0.05	-0.04	7.63	0	1.1468	0.0058
236	SLU 61	-0.05	-0.04	7.64	0	1.148	0.0054
236	SLU 62	-0.05	-0.04	7.72	0	1.1592	0.0059
236	SLU 63	-0.05	-0.04	7.72	0	1.1604	0.0055
236	SLU 64	-0.06	-0.03	7.26	0	1.0904	0.0049
236	SLU 65	-0.05	-0.03	7.27	0	1.0924	0.0043
236	SLU 66	-0.06	-0.03	7.38	0	1.1092	0.0047
236	SLU 67	-0.06	-0.03	7.39	0	1.1104	0.0044
236	SLU 68	-0.05	-0.03	7.35	0	1.1048	0.0043
236	SLU 69	-0.06	-0.03	7.47	0	1.1216	0.0048
236	SLU 70	-0.06	-0.03	7.47	0	1.1228	0.0045
236	SLU 71	-0.06	-0.03	7.42	0	1.1151	0.005
236	SLU 72	-0.06	-0.03	7.43	0	1.1163	0.0047
236	SLU 73	-0.05	-0.03	7.92	0	1.1898	0.0039
236	SLU 74	-0.06	-0.03	8.03	0	1.2067	0.0043
236	SLU 75	-0.06	-0.03	8.04	0	1.2079	0.004
236	SLU 76	-0.05	-0.03	8	0	1.2022	0.0039
236	SLU 77	-0.06	-0.03	8.12	0	1.219	0.0044
236	SLU 78	-0.06	-0.03	8.12	0	1.2202	0.0041
236	SLU 79	-0.06	-0.03	8.07	0	1.2126	0.0046
236	SLU 80	-0.06	-0.03	8.08	0	1.2138	0.0043
236	SLU 81	-0.06	-0.03	8.19	0	1.2296	0.0043
236	SLU 82	-0.06	-0.03	8.19	0	1.2308	0.0039
236	SLU 83	-0.06	-0.03	8.27	0	1.242	0.0044
236	SLU 84	-0.06	-0.03	8.28	0	1.2432	0.004
236	SLE RA 1	-0.04	-0.03	5.46	0	0.8206	0.0041



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
236	SLE RA 2	-0.04	-0.02	5.47	0	0.8219	0.0037
236	SLE RA 3	-0.04	-0.03	5.55	0	0.8331	0.004
236	SLE RA 4	-0.04	-0.02	5.55	0	0.8339	0.0037
236	SLE RA 5	-0.04	-0.02	5.53	0	0.8301	0.0037
236	SLE RA 6	-0.04	-0.03	5.6	0	0.8414	0.004
236	SLE RA 7	-0.04	-0.03	5.61	0	0.8422	0.0038
236	SLE RA 8	-0.04	-0.03	5.57	0	0.8371	0.0042
236	SLE RA 9	-0.04	-0.03	5.58	0	0.8379	0.0039
236	SLE RA 10	-0.04	-0.02	5.9	0	0.8869	0.0034
236	SLE RA 11	-0.04	-0.02	5.98	0	0.8981	0.0037
236	SLE RA 12	-0.04	-0.02	5.98	0	0.8989	0.0035
236	SLE RA 13	-0.04	-0.02	5.96	0	0.8951	0.0035
236	SLE RA 14	-0.04	-0.03	6.03	0	0.9063	0.0038
236	SLE RA 15	-0.04	-0.02	6.04	0	0.9071	0.0035
236	SLE RA 16	-0.04	-0.03	6	0	0.902	0.0039
236	SLE RA 17	-0.04	-0.02	6.01	0	0.9028	0.0037
236	SLE RA 18	-0.04	-0.02	6.08	0	0.9134	0.0037
236	SLE RA 19	-0.04	-0.02	6.09	0	0.9142	0.0035
236	SLE RA 20	-0.04	-0.02	6.14	0	0.9216	0.0037
236	SLE RA 21	-0.04	-0.02	6.14	0	0.9224	0.0035
236	SLE FR 1	-0.04	-0.03	5.46	0	0.8206	0.0041
236	SLE FR 2	-0.04	-0.03	5.46	0	0.8208	0.004
236	SLE FR 3	-0.04	-0.03	5.48	0	0.8239	0.0041
236	SLE FR 4	-0.04	-0.03	5.65	0	0.8487	0.0039
236	SLE FR 5	-0.04	-0.03	5.67	0	0.8517	0.004
236	SLE FR 6	-0.04	-0.03	5.77	0	0.867	0.0039
236	SLE QP 1	-0.04	-0.03	5.46	0	0.8206	0.0041
236	SLE QP 2	-0.04	-0.03	5.65	0	0.8484	0.0039
236	SLD 1	0.41	0.05	5.64	0	0.848	-0.0077
236	SLD 2	0.46	0.04	5.63	0	0.8462	-0.0066
236	SLD 3	0.42	-0.08	5.51	0	0.8271	0.0121
236	SLD 4	0.46	-0.09	5.49	0	0.8253	0.0132
236	SLD 5	0.08	0.2	5.86	0	0.8803	-0.0298
236	SLD 6	0.11	0.19	5.85	0	0.8792	-0.029
236	SLD 7	0.09	-0.24	5.4	0	0.8106	0.0362
236	SLD 8	0.13	-0.25	5.39	0	0.8094	0.0369
236	SLD 9	-0.21	0.19	5.91	0	0.8874	-0.029
236	SLD 10	-0.18	0.19	5.9	0	0.8862	-0.0283
236	SLD 11	-0.19	-0.25	5.44	0	0.8177	0.0369
236	SLD 12	-0.16	-0.25	5.44	0	0.8165	0.0377
236	SLD 13	-0.55	0.04	5.8	0	0.8715	-0.0053
236	SLD 14	-0.5	0.03	5.79	0	0.8697	-0.0042
236	SLD 15	-0.54	-0.1	5.66	0	0.8506	0.0145
236	SLD 16	-0.5	-0.1	5.65	0	0.8488	0.0156
236	SLV 1	1.02	0.15	5.64	0	0.8466	-0.0225
236	SLV 2	1.13	0.13	5.61	0	0.8425	-0.02
236	SLV 3	1.03	-0.15	5.32	0	0.7993	0.0223
236	SLV 4	1.14	-0.17	5.29	0	0.7951	0.0249
236	SLV 5	0.24	0.48	6.13	0	0.9205	-0.0725
236	SLV 6	0.31	0.47	6.11	0	0.9178	-0.0708
236	SLV 7	0.28	-0.51	5.08	0	0.7625	0.0771
236	SLV 8	0.35	-0.52	5.06	0	0.7598	0.0787
236	SLV 9	-0.43	0.47	6.24	0	0.937	-0.0708
236	SLV 10	-0.36	0.46	6.22	0	0.9343	-0.0692
236	SLV 11	-0.39	-0.52	5.19	0	0.779	0.0787
236	SLV 12	-0.32	-0.54	5.17	0	0.7763	0.0804
236	SLV 13	-1.22	0.11	6	0	0.9017	-0.017
236	SLV 14	-1.11	0.1	5.97	0	0.8976	-0.0144
236	SLV 15	-1.21	-0.19	5.69	0	0.8543	0.0279
236	SLV 16	-1.1	-0.2	5.66	0	0.8502	0.0304
236	CRTFP Ux+	0	0	0	0	0	0
236	CRTFP Ux-	0	0	0	0	0	0
236	CRTFP Uy+	0	0	0	0	0	0
236	CRTFP Uy-	0	0	0	0	0	0
238	SLU 1	0.19	-0.2	37.66	-0.9362	10.6831	0.0571
238	SLU 2	0.17	-0.16	37.75	-0.9385	10.7115	0.0444
238	SLU 3	0.19	-0.2	38.55	-0.9584	10.938	0.0554
238	SLU 4	0.18	-0.17	38.6	-0.9598	10.955	0.0477
238	SLU 5	0.17	-0.16	38.32	-0.9528	10.8745	0.0449
238	SLU 6	0.19	-0.2	39.12	-0.9727	11.101	0.0559
238	SLU 7	0.18	-0.17	39.18	-0.9741	11.118	0.0483
238	SLU 8	0.19	-0.21	38.8	-0.9647	11.0092	0.0582
238	SLU 9	0.18	-0.18	38.85	-0.9661	11.0262	0.0506
238	SLU 10	0.18	-0.12	42.39	-1.0537	12.0408	0.0323
238	SLU 11	0.2	-0.16	43.2	-1.0736	12.2672	0.0433
238	SLU 12	0.19	-0.13	43.25	-1.075	12.2842	0.0357
238	SLU 13	0.18	-0.12	42.96	-1.068	12.2038	0.0329
238	SLU 14	0.2	-0.16	43.77	-1.0879	12.4302	0.0438
238	SLU 15	0.19	-0.13	43.82	-1.0893	12.4472	0.0362
238	SLU 16	0.2	-0.17	43.45	-1.0799	12.3384	0.0461
238	SLU 17	0.18	-0.14	43.5	-1.0813	12.3554	0.0385
238	SLU 18	0.2	-0.15	44.3	-1.1008	12.5821	0.0399
238	SLU 19	0.19	-0.12	44.35	-1.1022	12.5991	0.0322
238	SLU 20	0.2	-0.15	44.87	-1.115	12.7451	0.0404
238	SLU 21	0.19	-0.12	44.92	-1.1164	12.7621	0.0328
238	SLU 22	0.23	-0.14	41.63	-1.0345	11.8109	0.0378
238	SLU 23	0.21	-0.09	41.72	-1.0369	11.8392	0.0251
238	SLU 24	0.23	-0.13	42.52	-1.0567	12.0657	0.0361
238	SLU 25	0.22	-0.1	42.58	-1.0581	12.0827	0.0284



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
238	SLU 26	0.21	-0.09	42.29	-1.0511	12.0022	0.0256
238	SLU 27	0.23	-0.13	43.1	-1.071	12.2287	0.0366
238	SLU 28	0.22	-0.11	43.15	-1.0724	12.2457	0.029
238	SLU 29	0.23	-0.14	42.77	-1.063	12.1369	0.0389
238	SLU 30	0.21	-0.11	42.83	-1.0644	12.1539	0.0313
238	SLU 31	0.21	-0.05	46.37	-1.1521	13.1685	0.013
238	SLU 32	0.23	-0.09	47.17	-1.1719	13.395	0.024
238	SLU 33	0.22	-0.06	47.22	-1.1733	13.412	0.0163
238	SLU 34	0.21	-0.05	46.94	-1.1663	13.3315	0.0135
238	SLU 35	0.24	-0.09	47.74	-1.1862	13.558	0.0245
238	SLU 36	0.22	-0.06	47.8	-1.1876	13.575	0.0169
238	SLU 37	0.23	-0.1	47.42	-1.1782	13.4662	0.0268
238	SLU 38	0.22	-0.07	47.47	-1.1796	13.4832	0.0192
238	SLU 39	0.23	-0.08	48.27	-1.1991	13.7099	0.0205
238	SLU 40	0.22	-0.05	48.32	-1.2005	13.7269	0.0129
238	SLU 41	0.23	-0.08	48.84	-1.2134	13.8729	0.0211
238	SLU 42	0.22	-0.05	48.89	-1.2148	13.8899	0.0134
238	SLU 43	0.23	-0.29	47.59	-1.1834	13.5014	0.0809
238	SLU 44	0.22	-0.24	47.68	-1.1857	13.5298	0.0682
238	SLU 45	0.24	-0.28	48.49	-1.2056	13.7562	0.0791
238	SLU 46	0.23	-0.26	48.54	-1.207	13.7732	0.0715
238	SLU 47	0.22	-0.25	48.25	-1.1999	13.6928	0.0687
238	SLU 48	0.24	-0.29	49.06	-1.2198	13.9193	0.0797
238	SLU 49	0.23	-0.26	49.11	-1.2212	13.9363	0.0721
238	SLU 50	0.24	-0.29	48.73	-1.2119	13.8275	0.082
238	SLU 51	0.22	-0.27	48.79	-1.2133	13.8445	0.0743
238	SLU 52	0.22	-0.2	52.33	-1.3009	14.859	0.0561
238	SLU 53	0.24	-0.24	53.13	-1.3208	15.0855	0.0671
238	SLU 54	0.23	-0.22	53.19	-1.3222	15.1025	0.0594
238	SLU 55	0.22	-0.21	52.9	-1.3152	15.0221	0.0566
238	SLU 56	0.24	-0.24	53.7	-1.335	15.2485	0.0676
238	SLU 57	0.23	-0.22	53.76	-1.3364	15.2655	0.06
238	SLU 58	0.24	-0.25	53.38	-1.3271	15.1567	0.0699
238	SLU 59	0.23	-0.23	53.44	-1.3285	15.1737	0.0622
238	SLU 60	0.24	-0.23	54.23	-1.3479	15.4004	0.0636
238	SLU 61	0.23	-0.2	54.28	-1.3493	15.4174	0.056
238	SLU 62	0.24	-0.23	54.8	-1.3622	15.5634	0.0642
238	SLU 63	0.23	-0.21	54.86	-1.3636	15.5804	0.0565
238	SLU 64	0.27	-0.22	51.56	-1.2817	14.6292	0.0616
238	SLU 65	0.25	-0.18	51.65	-1.284	14.6575	0.0488
238	SLU 66	0.27	-0.21	52.46	-1.3039	14.884	0.0598
238	SLU 67	0.26	-0.19	52.51	-1.3053	14.901	0.0522
238	SLU 68	0.25	-0.18	52.23	-1.2983	14.8205	0.0494
238	SLU 69	0.27	-0.22	53.03	-1.3181	15.047	0.0604
238	SLU 70	0.26	-0.19	53.08	-1.3195	15.064	0.0527
238	SLU 71	0.27	-0.22	52.71	-1.3102	14.9552	0.0627
238	SLU 72	0.26	-0.2	52.76	-1.3116	14.9722	0.055
238	SLU 73	0.26	-0.14	56.3	-1.3992	15.9868	0.0368
238	SLU 74	0.28	-0.17	57.11	-1.4191	16.2133	0.0477
238	SLU 75	0.27	-0.15	57.16	-1.4205	16.2303	0.0401
238	SLU 76	0.26	-0.14	56.87	-1.4135	16.1498	0.0373
238	SLU 77	0.28	-0.18	57.68	-1.4333	16.3763	0.0483
238	SLU 78	0.27	-0.15	57.73	-1.4347	16.3933	0.0406
238	SLU 79	0.28	-0.18	57.35	-1.4254	16.2845	0.0506
238	SLU 80	0.27	-0.16	57.41	-1.4268	16.3015	0.0429
238	SLU 81	0.28	-0.16	58.2	-1.4463	16.5281	0.0443
238	SLU 82	0.27	-0.14	58.26	-1.4476	16.5451	0.0367
238	SLU 83	0.28	-0.16	58.78	-1.4605	16.6912	0.0448
238	SLU 84	0.27	-0.14	58.83	-1.4619	16.7082	0.0372
238	SLE RA 1	0.2	-0.18	38.79	-0.9643	11.0054	0.0516
238	SLE RA 2	0.19	-0.16	38.85	-0.9658	11.0243	0.0431
238	SLE RA 3	0.2	-0.18	39.39	-0.9791	11.1752	0.0504
238	SLE RA 4	0.19	-0.16	39.42	-0.98	11.1866	0.0454
238	SLE RA 5	0.19	-0.16	39.23	-0.9754	11.1329	0.0435
238	SLE RA 6	0.2	-0.18	39.77	-0.9886	11.2839	0.0508
238	SLE RA 7	0.2	-0.16	39.8	-0.9895	11.2952	0.0457
238	SLE RA 8	0.2	-0.19	39.55	-0.9833	11.2227	0.0523
238	SLE RA 9	0.19	-0.17	39.59	-0.9842	11.234	0.0472
238	SLE RA 10	0.19	-0.13	41.95	-1.0427	11.9104	0.0351
238	SLE RA 11	0.21	-0.15	42.49	-1.0559	12.0614	0.0424
238	SLE RA 12	0.2	-0.14	42.52	-1.0568	12.0728	0.0373
238	SLE RA 13	0.19	-0.13	42.33	-1.0522	12.0191	0.0354
238	SLE RA 14	0.21	-0.15	42.87	-1.0654	12.1701	0.0427
238	SLE RA 15	0.2	-0.14	42.9	-1.0663	12.1814	0.0377
238	SLE RA 16	0.2	-0.16	42.65	-1.0601	12.1089	0.0443
238	SLE RA 17	0.2	-0.14	42.69	-1.061	12.1202	0.0392
238	SLE RA 18	0.2	-0.15	43.22	-1.074	12.2713	0.0401
238	SLE RA 19	0.2	-0.13	43.25	-1.0749	12.2827	0.035
238	SLE RA 20	0.21	-0.15	43.6	-1.0835	12.38	0.0405
238	SLE RA 21	0.2	-0.13	43.63	-1.0845	12.3913	0.0354
238	SLE FR 1	0.2	-0.18	38.79	-0.9643	11.0054	0.0516
238	SLE FR 2	0.2	-0.18	38.8	-0.9646	11.0091	0.0499
238	SLE FR 3	0.2	-0.19	38.94	-0.9681	11.0488	0.0518
238	SLE FR 4	0.2	-0.17	40.13	-0.9975	11.3889	0.0465
238	SLE FR 5	0.2	-0.17	40.27	-1.001	11.4286	0.0483
238	SLE FR 6	0.2	-0.17	41.01	-1.0192	11.6383	0.0459
238	SLE QP 1	0.2	-0.18	38.79	-0.9643	11.0054	0.0516
238	SLE QP 2	0.2	-0.17	40.12	-0.9972	11.3852	0.0482
238	SLD 1	3.8	0.24	40.27	-1.0003	11.4872	0.0234



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
238	SLD 2	4.16	0.27	40.37	-1.0028	11.5078	0.0253
238	SLD 3	3.75	-0.77	39.28	-0.9728	11.2009	0.3102
238	SLD 4	4.1	-0.74	39.38	-0.9753	11.2215	0.312
238	SLD 5	1.3	1.47	41.65	-1.0394	11.8463	-0.3944
238	SLD 6	1.54	1.49	41.71	-1.0411	11.8599	-0.3932
238	SLD 7	1.11	-1.89	38.35	-0.9477	10.892	0.5613
238	SLD 8	1.35	-1.87	38.42	-0.9493	10.9055	0.5625
238	SLD 9	-0.95	1.52	41.82	-1.0451	11.8648	-0.4662
238	SLD 10	-0.71	1.54	41.89	-1.0467	11.8784	-0.465
238	SLD 11	-1.14	-1.84	38.53	-0.9534	10.9104	0.4895
238	SLD 12	-0.9	-1.82	38.59	-0.955	10.924	0.4908
238	SLD 13	-3.7	0.39	40.86	-1.0192	11.5488	-0.2157
238	SLD 14	-3.34	0.42	40.96	-1.0216	11.5694	-0.2138
238	SLD 15	-3.76	-0.61	39.87	-0.9916	11.2625	0.071
238	SLD 16	-3.4	-0.58	39.97	-0.9941	11.2831	0.0729
238	SLV 1	8.63	0.75	40.43	-1.0035	11.6136	0.0008
238	SLV 2	9.46	0.82	40.66	-1.0092	11.6616	0.0052
238	SLV 3	8.5	-1.53	38.2	-0.9412	10.9649	0.6507
238	SLV 4	9.33	-1.46	38.42	-0.9469	11.013	0.6551
238	SLV 5	2.78	3.56	43.57	-1.0927	12.4292	-0.9525
238	SLV 6	3.32	3.6	43.71	-1.0964	12.4603	-0.9497
238	SLV 7	2.35	-4.06	36.11	-0.8849	10.2669	1.2139
238	SLV 8	2.89	-4.01	36.26	-0.8886	10.298	1.2167
238	SLV 9	-2.48	3.67	43.98	-1.1059	12.4723	-1.1204
238	SLV 10	-1.94	3.71	44.13	-1.1096	12.5034	-1.1176
238	SLV 11	-2.92	-3.95	36.53	-0.8981	10.31	1.046
238	SLV 12	-2.38	-3.9	36.67	-0.9018	10.3411	1.0488
238	SLV 13	-8.93	1.12	41.82	-1.0475	11.7573	-0.5588
238	SLV 14	-8.09	1.19	42.04	-1.0532	11.8054	-0.5544
238	SLV 15	-9.06	-1.17	39.58	-0.9852	11.1087	0.0911
238	SLV 16	-8.22	-1.1	39.81	-0.9909	11.1567	0.0955
238	CRTFP Ux+	0	0	0	0	0	0
238	CRTFP Ux-	0	0	0	0	0	0
238	CRTFP Uy+	0	0	0	0	0	0
238	CRTFP Uy-	0	0	0	0	0	0
240	SLU 1	0.05	-0.09	10.42	0	0	0
240	SLU 2	0.05	-0.07	10.44	0	0	0
240	SLU 3	0.05	-0.09	10.66	0	0	0
240	SLU 4	0.05	-0.08	10.68	0	0	0
240	SLU 5	0.05	-0.07	10.6	0	0	0
240	SLU 6	0.05	-0.09	10.82	0	0	0
240	SLU 7	0.05	-0.08	10.83	0	0	0
240	SLU 8	0.05	-0.09	10.73	0	0	0
240	SLU 9	0.05	-0.08	10.74	0	0	0
240	SLU 10	0.05	-0.07	11.71	0	0	0
240	SLU 11	0.06	-0.08	11.93	0	0	0
240	SLU 12	0.05	-0.07	11.95	0	0	0
240	SLU 13	0.05	-0.07	11.86	0	0	0
240	SLU 14	0.06	-0.08	12.09	0	0	0
240	SLU 15	0.05	-0.07	12.1	0	0	0
240	SLU 16	0.06	-0.08	12	0	0	0
240	SLU 17	0.05	-0.07	12.01	0	0	0
240	SLU 18	0.06	-0.08	12.23	0	0	0
240	SLU 19	0.05	-0.07	12.24	0	0	0
240	SLU 20	0.06	-0.08	12.39	0	0	0
240	SLU 21	0.05	-0.07	12.4	0	0	0
240	SLU 22	0.06	-0.07	11.52	0	0	0
240	SLU 23	0.06	-0.06	11.54	0	0	0
240	SLU 24	0.06	-0.07	11.76	0	0	0
240	SLU 25	0.06	-0.06	11.77	0	0	0
240	SLU 26	0.06	-0.06	11.69	0	0	0
240	SLU 27	0.06	-0.07	11.92	0	0	0
240	SLU 28	0.06	-0.06	11.93	0	0	0
240	SLU 29	0.06	-0.07	11.83	0	0	0
240	SLU 30	0.06	-0.07	11.84	0	0	0
240	SLU 31	0.06	-0.05	12.81	0	0	0
240	SLU 32	0.07	-0.06	13.03	0	0	0
240	SLU 33	0.06	-0.06	13.04	0	0	0
240	SLU 34	0.06	-0.05	12.96	0	0	0
240	SLU 35	0.07	-0.07	13.19	0	0	0
240	SLU 36	0.06	-0.06	13.2	0	0	0
240	SLU 37	0.07	-0.07	13.1	0	0	0
240	SLU 38	0.06	-0.06	13.11	0	0	0
240	SLU 39	0.07	-0.06	13.33	0	0	0
240	SLU 40	0.06	-0.05	13.34	0	0	0
240	SLU 41	0.07	-0.06	13.49	0	0	0
240	SLU 42	0.06	-0.05	13.5	0	0	0
240	SLU 43	0.07	-0.12	13.17	0	0	0
240	SLU 44	0.06	-0.11	13.19	0	0	0
240	SLU 45	0.07	-0.12	13.41	0	0	0
240	SLU 46	0.06	-0.11	13.43	0	0	0
240	SLU 47	0.06	-0.11	13.34	0	0	0
240	SLU 48	0.07	-0.12	13.57	0	0	0
240	SLU 49	0.06	-0.11	13.58	0	0	0
240	SLU 50	0.07	-0.12	13.48	0	0	0
240	SLU 51	0.06	-0.11	13.49	0	0	0
240	SLU 52	0.06	-0.1	14.46	0	0	0
240	SLU 53	0.07	-0.11	14.68	0	0	0
240	SLU 54	0.07	-0.1	14.69	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
240	SLU 55	0.06	-0.1	14.61	0	0	0
240	SLU 56	0.07	-0.11	14.84	0	0	0
240	SLU 57	0.07	-0.1	14.85	0	0	0
240	SLU 58	0.07	-0.11	14.75	0	0	0
240	SLU 59	0.06	-0.11	14.76	0	0	0
240	SLU 60	0.07	-0.11	14.98	0	0	0
240	SLU 61	0.07	-0.1	14.99	0	0	0
240	SLU 62	0.07	-0.11	15.14	0	0	0
240	SLU 63	0.07	-0.1	15.15	0	0	0
240	SLU 64	0.08	-0.1	14.27	0	0	0
240	SLU 65	0.07	-0.09	14.29	0	0	0
240	SLU 66	0.08	-0.1	14.51	0	0	0
240	SLU 67	0.07	-0.09	14.52	0	0	0
240	SLU 68	0.07	-0.09	14.44	0	0	0
240	SLU 69	0.08	-0.1	14.67	0	0	0
240	SLU 70	0.07	-0.1	14.68	0	0	0
240	SLU 71	0.08	-0.11	14.58	0	0	0
240	SLU 72	0.07	-0.1	14.59	0	0	0
240	SLU 73	0.07	-0.08	15.56	0	0	0
240	SLU 74	0.08	-0.1	15.78	0	0	0
240	SLU 75	0.08	-0.09	15.79	0	0	0
240	SLU 76	0.07	-0.08	15.71	0	0	0
240	SLU 77	0.08	-0.1	15.94	0	0	0
240	SLU 78	0.08	-0.09	15.95	0	0	0
240	SLU 79	0.08	-0.1	15.85	0	0	0
240	SLU 80	0.07	-0.09	15.86	0	0	0
240	SLU 81	0.08	-0.09	16.08	0	0	0
240	SLU 82	0.07	-0.08	16.09	0	0	0
240	SLU 83	0.08	-0.09	16.24	0	0	0
240	SLU 84	0.08	-0.09	16.25	0	0	0
240	SLE RA 1	0.06	-0.08	10.73	0	0	0
240	SLE RA 2	0.05	-0.07	10.75	0	0	0
240	SLE RA 3	0.06	-0.08	10.9	0	0	0
240	SLE RA 4	0.05	-0.08	10.9	0	0	0
240	SLE RA 5	0.05	-0.07	10.85	0	0	0
240	SLE RA 6	0.06	-0.08	11	0	0	0
240	SLE RA 7	0.06	-0.08	11.01	0	0	0
240	SLE RA 8	0.06	-0.08	10.94	0	0	0
240	SLE RA 9	0.05	-0.08	10.95	0	0	0
240	SLE RA 10	0.05	-0.07	11.59	0	0	0
240	SLE RA 11	0.06	-0.08	11.74	0	0	0
240	SLE RA 12	0.06	-0.07	11.75	0	0	0
240	SLE RA 13	0.05	-0.07	11.7	0	0	0
240	SLE RA 14	0.06	-0.08	11.85	0	0	0
240	SLE RA 15	0.06	-0.07	11.85	0	0	0
240	SLE RA 16	0.06	-0.08	11.79	0	0	0
240	SLE RA 17	0.06	-0.07	11.8	0	0	0
240	SLE RA 18	0.06	-0.08	11.94	0	0	0
240	SLE RA 19	0.06	-0.07	11.95	0	0	0
240	SLE RA 20	0.06	-0.08	12.05	0	0	0
240	SLE RA 21	0.06	-0.07	12.05	0	0	0
240	SLE FR 1	0.06	-0.08	10.73	0	0	0
240	SLE FR 2	0.06	-0.08	10.73	0	0	0
240	SLE FR 3	0.06	-0.08	10.77	0	0	0
240	SLE FR 4	0.06	-0.08	11.1	0	0	0
240	SLE FR 5	0.06	-0.08	11.14	0	0	0
240	SLE FR 6	0.06	-0.08	11.34	0	0	0
240	SLE QP 1	0.06	-0.08	10.73	0	0	0
240	SLE QP 2	0.06	-0.08	11.09	0	0	0
240	SLD 1	1.05	0.08	11.02	0	0	0
240	SLD 2	1.15	0.1	11.06	0	0	0
240	SLD 3	1.04	-0.2	10.76	0	0	0
240	SLD 4	1.13	-0.18	10.79	0	0	0
240	SLD 5	0.36	0.38	11.46	0	0	0
240	SLD 6	0.43	0.39	11.49	0	0	0
240	SLD 7	0.31	-0.53	10.59	0	0	0
240	SLD 8	0.37	-0.52	10.61	0	0	0
240	SLD 9	-0.26	0.36	11.58	0	0	0
240	SLD 10	-0.2	0.37	11.6	0	0	0
240	SLD 11	-0.31	-0.55	10.7	0	0	0
240	SLD 12	-0.25	-0.54	10.73	0	0	0
240	SLD 13	-1.02	0.02	11.4	0	0	0
240	SLD 14	-0.92	0.03	11.43	0	0	0
240	SLD 15	-1.04	-0.26	11.13	0	0	0
240	SLD 16	-0.94	-0.24	11.17	0	0	0
240	SLV 1	2.38	0.28	10.91	0	0	0
240	SLV 2	2.61	0.32	10.99	0	0	0
240	SLV 3	2.35	-0.34	10.31	0	0	0
240	SLV 4	2.58	-0.3	10.4	0	0	0
240	SLV 5	0.77	0.96	11.93	0	0	0
240	SLV 6	0.92	0.99	11.98	0	0	0
240	SLV 7	0.65	-1.11	9.94	0	0	0
240	SLV 8	0.8	-1.08	10	0	0	0
240	SLV 9	-0.68	0.92	12.19	0	0	0
240	SLV 10	-0.54	0.94	12.25	0	0	0
240	SLV 11	-0.81	-1.15	10.21	0	0	0
240	SLV 12	-0.66	-1.12	10.26	0	0	0
240	SLV 13	-2.46	0.13	11.79	0	0	0
240	SLV 14	-2.23	0.18	11.88	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
240	SLV 15	-2.5	-0.49	11.2	0	0	0
240	SLV 16	-2.27	-0.44	11.28	0	0	0
241	SLU 1	0.06	-0.11	10.81	0	0	0
241	SLU 2	0.05	-0.09	10.83	0	0	0
241	SLU 3	0.06	-0.11	11.07	0	0	0
241	SLU 4	0.05	-0.1	11.08	0	0	0
241	SLU 5	0.05	-0.09	10.99	0	0	0
241	SLU 6	0.06	-0.11	11.23	0	0	0
241	SLU 7	0.05	-0.1	11.24	0	0	0
241	SLU 8	0.06	-0.11	11.14	0	0	0
241	SLU 9	0.05	-0.1	11.15	0	0	0
241	SLU 10	0.05	-0.08	12.14	0	0	0
241	SLU 11	0.06	-0.1	12.37	0	0	0
241	SLU 12	0.06	-0.09	12.39	0	0	0
241	SLU 13	0.05	-0.09	12.3	0	0	0
241	SLU 14	0.06	-0.1	12.54	0	0	0
241	SLU 15	0.06	-0.09	12.55	0	0	0
241	SLU 16	0.06	-0.1	12.44	0	0	0
241	SLU 17	0.06	-0.09	12.46	0	0	0
241	SLU 18	0.06	-0.1	12.68	0	0	0
241	SLU 19	0.06	-0.09	12.69	0	0	0
241	SLU 20	0.06	-0.1	12.84	0	0	0
241	SLU 21	0.06	-0.09	12.85	0	0	0
241	SLU 22	0.07	-0.09	11.95	0	0	0
241	SLU 23	0.06	-0.08	11.97	0	0	0
241	SLU 24	0.07	-0.09	12.2	0	0	0
241	SLU 25	0.07	-0.08	12.22	0	0	0
241	SLU 26	0.06	-0.08	12.13	0	0	0
241	SLU 27	0.07	-0.09	12.37	0	0	0
241	SLU 28	0.07	-0.08	12.38	0	0	0
241	SLU 29	0.07	-0.1	12.27	0	0	0
241	SLU 30	0.06	-0.09	12.29	0	0	0
241	SLU 31	0.06	-0.07	13.28	0	0	0
241	SLU 32	0.07	-0.09	13.51	0	0	0
241	SLU 33	0.07	-0.08	13.52	0	0	0
241	SLU 34	0.06	-0.07	13.44	0	0	0
241	SLU 35	0.07	-0.09	13.67	0	0	0
241	SLU 36	0.07	-0.08	13.69	0	0	0
241	SLU 37	0.07	-0.09	13.58	0	0	0
241	SLU 38	0.07	-0.08	13.59	0	0	0
241	SLU 39	0.07	-0.08	13.82	0	0	0
241	SLU 40	0.07	-0.07	13.83	0	0	0
241	SLU 41	0.07	-0.09	13.98	0	0	0
241	SLU 42	0.07	-0.08	13.99	0	0	0
241	SLU 43	0.07	-0.14	13.67	0	0	0
241	SLU 44	0.06	-0.13	13.69	0	0	0
241	SLU 45	0.07	-0.14	13.92	0	0	0
241	SLU 46	0.07	-0.13	13.93	0	0	0
241	SLU 47	0.06	-0.13	13.85	0	0	0
241	SLU 48	0.07	-0.14	14.08	0	0	0
241	SLU 49	0.07	-0.13	14.09	0	0	0
241	SLU 50	0.07	-0.15	13.99	0	0	0
241	SLU 51	0.07	-0.14	14	0	0	0
241	SLU 52	0.07	-0.12	14.99	0	0	0
241	SLU 53	0.07	-0.14	15.23	0	0	0
241	SLU 54	0.07	-0.13	15.24	0	0	0
241	SLU 55	0.07	-0.12	15.16	0	0	0
241	SLU 56	0.07	-0.14	15.39	0	0	0
241	SLU 57	0.07	-0.13	15.4	0	0	0
241	SLU 58	0.07	-0.14	15.3	0	0	0
241	SLU 59	0.07	-0.13	15.31	0	0	0
241	SLU 60	0.07	-0.13	15.54	0	0	0
241	SLU 61	0.07	-0.13	15.55	0	0	0
241	SLU 62	0.07	-0.14	15.7	0	0	0
241	SLU 63	0.07	-0.13	15.71	0	0	0
241	SLU 64	0.08	-0.13	14.81	0	0	0
241	SLU 65	0.08	-0.11	14.82	0	0	0
241	SLU 66	0.08	-0.13	15.06	0	0	0
241	SLU 67	0.08	-0.12	15.07	0	0	0
241	SLU 68	0.08	-0.11	14.99	0	0	0
241	SLU 69	0.08	-0.13	15.22	0	0	0
241	SLU 70	0.08	-0.12	15.23	0	0	0
241	SLU 71	0.08	-0.13	15.13	0	0	0
241	SLU 72	0.08	-0.12	15.14	0	0	0
241	SLU 73	0.08	-0.11	16.13	0	0	0
241	SLU 74	0.08	-0.12	16.37	0	0	0
241	SLU 75	0.08	-0.11	16.38	0	0	0
241	SLU 76	0.08	-0.11	16.29	0	0	0
241	SLU 77	0.08	-0.12	16.53	0	0	0
241	SLU 78	0.08	-0.12	16.54	0	0	0
241	SLU 79	0.08	-0.13	16.44	0	0	0
241	SLU 80	0.08	-0.12	16.45	0	0	0
241	SLU 81	0.08	-0.12	16.67	0	0	0
241	SLU 82	0.08	-0.11	16.68	0	0	0
241	SLU 83	0.08	-0.12	16.84	0	0	0
241	SLU 84	0.08	-0.11	16.85	0	0	0
241	SLE RA 1	0.06	-0.1	11.14	0	0	0
241	SLE RA 2	0.06	-0.09	11.15	0	0	0
241	SLE RA 3	0.06	-0.1	11.31	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
241	SLE RA 4	0.06	-0.1	11.31	0	0	0
241	SLE RA 5	0.06	-0.09	11.26	0	0	0
241	SLE RA 6	0.06	-0.1	11.42	0	0	0
241	SLE RA 7	0.06	-0.1	11.42	0	0	0
241	SLE RA 8	0.06	-0.1	11.35	0	0	0
241	SLE RA 9	0.06	-0.1	11.36	0	0	0
241	SLE RA 10	0.06	-0.09	12.02	0	0	0
241	SLE RA 11	0.06	-0.1	12.18	0	0	0
241	SLE RA 12	0.06	-0.09	12.19	0	0	0
241	SLE RA 13	0.06	-0.09	12.13	0	0	0
241	SLE RA 14	0.06	-0.1	12.29	0	0	0
241	SLE RA 15	0.06	-0.09	12.29	0	0	0
241	SLE RA 16	0.06	-0.1	12.23	0	0	0
241	SLE RA 17	0.06	-0.09	12.23	0	0	0
241	SLE RA 18	0.06	-0.1	12.38	0	0	0
241	SLE RA 19	0.06	-0.09	12.39	0	0	0
241	SLE RA 20	0.06	-0.1	12.49	0	0	0
241	SLE RA 21	0.06	-0.09	12.5	0	0	0
241	SLE FR 1	0.06	-0.1	11.14	0	0	0
241	SLE FR 2	0.06	-0.1	11.14	0	0	0
241	SLE FR 3	0.06	-0.1	11.18	0	0	0
241	SLE FR 4	0.06	-0.1	11.51	0	0	0
241	SLE FR 5	0.06	-0.1	11.56	0	0	0
241	SLE FR 6	0.06	-0.1	11.76	0	0	0
241	SLE QP 1	0.06	-0.1	11.14	0	0	0
241	SLE QP 2	0.06	-0.1	11.51	0	0	0
241	SLD 1	1.1	0.08	11.37	0	0	0
241	SLD 2	1.2	0.11	11.41	0	0	0
241	SLD 3	1.08	-0.2	11.1	0	0	0
241	SLD 4	1.18	-0.18	11.14	0	0	0
241	SLD 5	0.38	0.38	11.87	0	0	0
241	SLD 6	0.45	0.39	11.9	0	0	0
241	SLD 7	0.32	-0.56	10.97	0	0	0
241	SLD 8	0.39	-0.55	11	0	0	0
241	SLD 9	-0.27	0.35	12.02	0	0	0
241	SLD 10	-0.2	0.36	12.05	0	0	0
241	SLD 11	-0.33	-0.59	11.13	0	0	0
241	SLD 12	-0.26	-0.58	11.15	0	0	0
241	SLD 13	-1.06	-0.02	11.89	0	0	0
241	SLD 14	-0.96	0	11.93	0	0	0
241	SLD 15	-1.08	-0.31	11.62	0	0	0
241	SLD 16	-0.98	-0.28	11.66	0	0	0
241	SLV 1	2.49	0.31	11.16	0	0	0
241	SLV 2	2.73	0.37	11.26	0	0	0
241	SLV 3	2.45	-0.33	10.55	0	0	0
241	SLV 4	2.69	-0.27	10.65	0	0	0
241	SLV 5	0.81	0.98	12.32	0	0	0
241	SLV 6	0.96	1.02	12.38	0	0	0
241	SLV 7	0.68	-1.15	10.28	0	0	0
241	SLV 8	0.83	-1.11	10.34	0	0	0
241	SLV 9	-0.71	0.91	12.68	0	0	0
241	SLV 10	-0.56	0.95	12.74	0	0	0
241	SLV 11	-0.84	-1.22	10.65	0	0	0
241	SLV 12	-0.68	-1.18	10.71	0	0	0
241	SLV 13	-2.57	0.07	12.38	0	0	0
241	SLV 14	-2.33	0.13	12.47	0	0	0
241	SLV 15	-2.61	-0.57	11.77	0	0	0
241	SLV 16	-2.37	-0.51	11.86	0	0	0
242	SLU 1	0.06	-0.12	10.87	0	0	0
242	SLU 2	0.05	-0.11	10.89	0	0	0
242	SLU 3	0.06	-0.12	11.13	0	0	0
242	SLU 4	0.06	-0.11	11.14	0	0	0
242	SLU 5	0.05	-0.11	11.05	0	0	0
242	SLU 6	0.06	-0.13	11.29	0	0	0
242	SLU 7	0.06	-0.12	11.3	0	0	0
242	SLU 8	0.06	-0.13	11.2	0	0	0
242	SLU 9	0.06	-0.12	11.21	0	0	0
242	SLU 10	0.06	-0.1	12.2	0	0	0
242	SLU 11	0.06	-0.12	12.43	0	0	0
242	SLU 12	0.06	-0.11	12.44	0	0	0
242	SLU 13	0.06	-0.11	12.36	0	0	0
242	SLU 14	0.06	-0.12	12.6	0	0	0
242	SLU 15	0.06	-0.11	12.61	0	0	0
242	SLU 16	0.06	-0.12	12.5	0	0	0
242	SLU 17	0.06	-0.11	12.51	0	0	0
242	SLU 18	0.06	-0.12	12.74	0	0	0
242	SLU 19	0.06	-0.11	12.75	0	0	0
242	SLU 20	0.06	-0.12	12.9	0	0	0
242	SLU 21	0.06	-0.11	12.91	0	0	0
242	SLU 22	0.07	-0.11	12.02	0	0	0
242	SLU 23	0.06	-0.09	12.03	0	0	0
242	SLU 24	0.07	-0.11	12.27	0	0	0
242	SLU 25	0.07	-0.1	12.28	0	0	0
242	SLU 26	0.06	-0.1	12.2	0	0	0
242	SLU 27	0.07	-0.11	12.43	0	0	0
242	SLU 28	0.07	-0.1	12.44	0	0	0
242	SLU 29	0.07	-0.11	12.34	0	0	0
242	SLU 30	0.07	-0.1	12.35	0	0	0
242	SLU 31	0.07	-0.09	13.34	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
242	SLU 32	0.07	-0.11	13.58	0	0	0
242	SLU 33	0.07	-0.1	13.59	0	0	0
242	SLU 34	0.07	-0.09	13.5	0	0	0
242	SLU 35	0.07	-0.11	13.74	0	0	0
242	SLU 36	0.07	-0.1	13.75	0	0	0
242	SLU 37	0.07	-0.11	13.65	0	0	0
242	SLU 38	0.07	-0.1	13.66	0	0	0
242	SLU 39	0.07	-0.11	13.88	0	0	0
242	SLU 40	0.07	-0.1	13.89	0	0	0
242	SLU 41	0.07	-0.11	14.04	0	0	0
242	SLU 42	0.07	-0.1	14.05	0	0	0
242	SLU 43	0.07	-0.16	13.74	0	0	0
242	SLU 44	0.07	-0.15	13.76	0	0	0
242	SLU 45	0.08	-0.16	14	0	0	0
242	SLU 46	0.07	-0.15	14.01	0	0	0
242	SLU 47	0.07	-0.15	13.92	0	0	0
242	SLU 48	0.08	-0.17	14.16	0	0	0
242	SLU 49	0.07	-0.16	14.17	0	0	0
242	SLU 50	0.07	-0.17	14.07	0	0	0
242	SLU 51	0.07	-0.16	14.08	0	0	0
242	SLU 52	0.07	-0.14	15.07	0	0	0
242	SLU 53	0.08	-0.16	15.3	0	0	0
242	SLU 54	0.07	-0.15	15.31	0	0	0
242	SLU 55	0.07	-0.15	15.23	0	0	0
242	SLU 56	0.08	-0.16	15.47	0	0	0
242	SLU 57	0.07	-0.15	15.48	0	0	0
242	SLU 58	0.08	-0.16	15.37	0	0	0
242	SLU 59	0.07	-0.15	15.38	0	0	0
242	SLU 60	0.08	-0.16	15.61	0	0	0
242	SLU 61	0.07	-0.15	15.62	0	0	0
242	SLU 62	0.08	-0.16	15.77	0	0	0
242	SLU 63	0.07	-0.15	15.78	0	0	0
242	SLU 64	0.08	-0.15	14.89	0	0	0
242	SLU 65	0.08	-0.14	14.9	0	0	0
242	SLU 66	0.09	-0.15	15.14	0	0	0
242	SLU 67	0.08	-0.14	15.15	0	0	0
242	SLU 68	0.08	-0.14	15.07	0	0	0
242	SLU 69	0.09	-0.15	15.3	0	0	0
242	SLU 70	0.08	-0.14	15.31	0	0	0
242	SLU 71	0.09	-0.16	15.21	0	0	0
242	SLU 72	0.08	-0.15	15.22	0	0	0
242	SLU 73	0.08	-0.13	16.21	0	0	0
242	SLU 74	0.09	-0.15	16.45	0	0	0
242	SLU 75	0.08	-0.14	16.46	0	0	0
242	SLU 76	0.08	-0.13	16.37	0	0	0
242	SLU 77	0.09	-0.15	16.61	0	0	0
242	SLU 78	0.08	-0.14	16.62	0	0	0
242	SLU 79	0.09	-0.15	16.52	0	0	0
242	SLU 80	0.08	-0.14	16.53	0	0	0
242	SLU 81	0.09	-0.15	16.75	0	0	0
242	SLU 82	0.08	-0.14	16.76	0	0	0
242	SLU 83	0.09	-0.15	16.92	0	0	0
242	SLU 84	0.08	-0.14	16.92	0	0	0
242	SLE RA 1	0.06	-0.12	11.2	0	0	0
242	SLE RA 2	0.06	-0.11	11.21	0	0	0
242	SLE RA 3	0.06	-0.12	11.37	0	0	0
242	SLE RA 4	0.06	-0.11	11.38	0	0	0
242	SLE RA 5	0.06	-0.11	11.32	0	0	0
242	SLE RA 6	0.06	-0.12	11.48	0	0	0
242	SLE RA 7	0.06	-0.11	11.48	0	0	0
242	SLE RA 8	0.06	-0.12	11.42	0	0	0
242	SLE RA 9	0.06	-0.12	11.42	0	0	0
242	SLE RA 10	0.06	-0.11	12.08	0	0	0
242	SLE RA 11	0.06	-0.12	12.24	0	0	0
242	SLE RA 12	0.06	-0.11	12.25	0	0	0
242	SLE RA 13	0.06	-0.11	12.19	0	0	0
242	SLE RA 14	0.06	-0.12	12.35	0	0	0
242	SLE RA 15	0.06	-0.11	12.35	0	0	0
242	SLE RA 16	0.06	-0.12	12.29	0	0	0
242	SLE RA 17	0.06	-0.11	12.29	0	0	0
242	SLE RA 18	0.06	-0.12	12.44	0	0	0
242	SLE RA 19	0.06	-0.11	12.45	0	0	0
242	SLE RA 20	0.06	-0.12	12.55	0	0	0
242	SLE RA 21	0.06	-0.11	12.56	0	0	0
242	SLE FR 1	0.06	-0.12	11.2	0	0	0
242	SLE FR 2	0.06	-0.12	11.2	0	0	0
242	SLE FR 3	0.06	-0.12	11.24	0	0	0
242	SLE FR 4	0.06	-0.12	11.58	0	0	0
242	SLE FR 5	0.06	-0.12	11.62	0	0	0
242	SLE FR 6	0.06	-0.12	11.82	0	0	0
242	SLE QP 1	0.06	-0.12	11.2	0	0	0
242	SLE QP 2	0.06	-0.12	11.57	0	0	0
242	SLD 1	1.11	0.08	11.35	0	0	0
242	SLD 2	1.21	0.11	11.4	0	0	0
242	SLD 3	1.09	-0.2	11.08	0	0	0
242	SLD 4	1.2	-0.17	11.13	0	0	0
242	SLD 5	0.38	0.36	11.9	0	0	0
242	SLD 6	0.45	0.38	11.93	0	0	0
242	SLD 7	0.33	-0.58	11.01	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
		x	y	z	x	y	z
242	SLD 8	0.4	-0.56	11.04	0	0	0
242	SLD 9	-0.27	0.32	12.1	0	0	0
242	SLD 10	-0.2	0.34	12.13	0	0	0
242	SLD 11	-0.33	-0.62	11.21	0	0	0
242	SLD 12	-0.26	-0.6	11.24	0	0	0
242	SLD 13	-1.07	-0.06	12.02	0	0	0
242	SLD 14	-0.97	-0.03	12.06	0	0	0
242	SLD 15	-1.09	-0.35	11.75	0	0	0
242	SLD 16	-0.98	-0.32	11.8	0	0	0
242	SLV 1	2.51	0.33	11.04	0	0	0
242	SLV 2	2.76	0.4	11.15	0	0	0
242	SLV 3	2.48	-0.31	10.44	0	0	0
242	SLV 4	2.72	-0.24	10.55	0	0	0
242	SLV 5	0.82	0.98	12.31	0	0	0
242	SLV 6	0.97	1.02	12.38	0	0	0
242	SLV 7	0.69	-1.16	10.3	0	0	0
242	SLV 8	0.84	-1.11	10.37	0	0	0
242	SLV 9	-0.72	0.88	12.78	0	0	0
242	SLV 10	-0.56	0.92	12.85	0	0	0
242	SLV 11	-0.85	-1.26	10.77	0	0	0
242	SLV 12	-0.69	-1.21	10.83	0	0	0
242	SLV 13	-2.59	0	12.6	0	0	0
242	SLV 14	-2.35	0.07	12.71	0	0	0
242	SLV 15	-2.63	-0.64	12	0	0	0
242	SLV 16	-2.39	-0.57	12.1	0	0	0
243	SLU 1	0.06	-0.14	10.89	0	0	0
243	SLU 2	0.06	-0.12	10.91	0	0	0
243	SLU 3	0.06	-0.14	11.15	0	0	0
243	SLU 4	0.06	-0.13	11.15	0	0	0
243	SLU 5	0.06	-0.12	11.07	0	0	0
243	SLU 6	0.06	-0.14	11.31	0	0	0
243	SLU 7	0.06	-0.13	11.32	0	0	0
243	SLU 8	0.06	-0.14	11.22	0	0	0
243	SLU 9	0.06	-0.13	11.22	0	0	0
243	SLU 10	0.06	-0.12	12.2	0	0	0
243	SLU 11	0.07	-0.14	12.44	0	0	0
243	SLU 12	0.06	-0.13	12.45	0	0	0
243	SLU 13	0.06	-0.12	12.37	0	0	0
243	SLU 14	0.07	-0.14	12.61	0	0	0
243	SLU 15	0.06	-0.13	12.61	0	0	0
243	SLU 16	0.06	-0.14	12.51	0	0	0
243	SLU 17	0.06	-0.13	12.52	0	0	0
243	SLU 18	0.06	-0.14	12.75	0	0	0
243	SLU 19	0.06	-0.13	12.76	0	0	0
243	SLU 20	0.06	-0.14	12.91	0	0	0
243	SLU 21	0.06	-0.13	12.92	0	0	0
243	SLU 22	0.07	-0.13	12.04	0	0	0
243	SLU 23	0.07	-0.11	12.05	0	0	0
243	SLU 24	0.07	-0.13	12.29	0	0	0
243	SLU 25	0.07	-0.12	12.3	0	0	0
243	SLU 26	0.07	-0.11	12.21	0	0	0
243	SLU 27	0.08	-0.13	12.45	0	0	0
243	SLU 28	0.07	-0.12	12.46	0	0	0
243	SLU 29	0.07	-0.13	12.36	0	0	0
243	SLU 30	0.07	-0.12	12.37	0	0	0
243	SLU 31	0.07	-0.11	13.35	0	0	0
243	SLU 32	0.08	-0.13	13.59	0	0	0
243	SLU 33	0.07	-0.12	13.6	0	0	0
243	SLU 34	0.07	-0.11	13.51	0	0	0
243	SLU 35	0.08	-0.13	13.75	0	0	0
243	SLU 36	0.07	-0.12	13.76	0	0	0
243	SLU 37	0.08	-0.13	13.66	0	0	0
243	SLU 38	0.07	-0.12	13.67	0	0	0
243	SLU 39	0.08	-0.13	13.89	0	0	0
243	SLU 40	0.07	-0.12	13.9	0	0	0
243	SLU 41	0.08	-0.13	14.05	0	0	0
243	SLU 42	0.07	-0.12	14.06	0	0	0
243	SLU 43	0.08	-0.18	13.77	0	0	0
243	SLU 44	0.07	-0.17	13.78	0	0	0
243	SLU 45	0.08	-0.19	14.02	0	0	0
243	SLU 46	0.07	-0.18	14.03	0	0	0
243	SLU 47	0.07	-0.17	13.94	0	0	0
243	SLU 48	0.08	-0.19	14.18	0	0	0
243	SLU 49	0.08	-0.18	14.19	0	0	0
243	SLU 50	0.08	-0.19	14.09	0	0	0
243	SLU 51	0.07	-0.18	14.1	0	0	0
243	SLU 52	0.07	-0.17	15.08	0	0	0
243	SLU 53	0.08	-0.18	15.32	0	0	0
243	SLU 54	0.08	-0.17	15.33	0	0	0
243	SLU 55	0.07	-0.17	15.24	0	0	0
243	SLU 56	0.08	-0.19	15.48	0	0	0
243	SLU 57	0.08	-0.18	15.49	0	0	0
243	SLU 58	0.08	-0.19	15.39	0	0	0
243	SLU 59	0.08	-0.18	15.4	0	0	0
243	SLU 60	0.08	-0.18	15.62	0	0	0
243	SLU 61	0.08	-0.17	15.63	0	0	0
243	SLU 62	0.08	-0.18	15.78	0	0	0
243	SLU 63	0.08	-0.17	15.79	0	0	0
243	SLU 64	0.09	-0.17	14.91	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
243	SLU 65	0.08	-0.16	14.93	0	0	0
243	SLU 66	0.09	-0.18	15.17	0	0	0
243	SLU 67	0.09	-0.16	15.17	0	0	0
243	SLU 68	0.08	-0.16	15.09	0	0	0
243	SLU 69	0.09	-0.18	15.33	0	0	0
243	SLU 70	0.09	-0.17	15.34	0	0	0
243	SLU 71	0.09	-0.18	15.24	0	0	0
243	SLU 72	0.09	-0.17	15.24	0	0	0
243	SLU 73	0.08	-0.16	16.22	0	0	0
243	SLU 74	0.09	-0.17	16.46	0	0	0
243	SLU 75	0.09	-0.16	16.47	0	0	0
243	SLU 76	0.08	-0.16	16.39	0	0	0
243	SLU 77	0.09	-0.18	16.63	0	0	0
243	SLU 78	0.09	-0.17	16.63	0	0	0
243	SLU 79	0.09	-0.18	16.53	0	0	0
243	SLU 80	0.09	-0.17	16.54	0	0	0
243	SLU 81	0.09	-0.17	16.77	0	0	0
243	SLU 82	0.09	-0.16	16.78	0	0	0
243	SLU 83	0.09	-0.17	16.93	0	0	0
243	SLU 84	0.09	-0.16	16.94	0	0	0
243	SLE RA 1	0.07	-0.14	11.22	0	0	0
243	SLE RA 2	0.06	-0.12	11.23	0	0	0
243	SLE RA 3	0.07	-0.14	11.39	0	0	0
243	SLE RA 4	0.06	-0.13	11.39	0	0	0
243	SLE RA 5	0.06	-0.13	11.34	0	0	0
243	SLE RA 6	0.07	-0.14	11.5	0	0	0
243	SLE RA 7	0.06	-0.13	11.5	0	0	0
243	SLE RA 8	0.07	-0.14	11.44	0	0	0
243	SLE RA 9	0.06	-0.13	11.44	0	0	0
243	SLE RA 10	0.06	-0.12	12.09	0	0	0
243	SLE RA 11	0.07	-0.14	12.25	0	0	0
243	SLE RA 12	0.06	-0.13	12.26	0	0	0
243	SLE RA 13	0.06	-0.13	12.2	0	0	0
243	SLE RA 14	0.07	-0.14	12.36	0	0	0
243	SLE RA 15	0.07	-0.13	12.37	0	0	0
243	SLE RA 16	0.07	-0.14	12.3	0	0	0
243	SLE RA 17	0.06	-0.13	12.31	0	0	0
243	SLE RA 18	0.07	-0.13	12.46	0	0	0
243	SLE RA 19	0.06	-0.13	12.46	0	0	0
243	SLE RA 20	0.07	-0.14	12.56	0	0	0
243	SLE RA 21	0.06	-0.13	12.57	0	0	0
243	SLE FR 1	0.07	-0.14	11.22	0	0	0
243	SLE FR 2	0.06	-0.13	11.22	0	0	0
243	SLE FR 3	0.07	-0.14	11.26	0	0	0
243	SLE FR 4	0.06	-0.13	11.59	0	0	0
243	SLE FR 5	0.07	-0.14	11.63	0	0	0
243	SLE FR 6	0.07	-0.14	11.84	0	0	0
243	SLE QP 1	0.07	-0.14	11.22	0	0	0
243	SLE QP 2	0.07	-0.14	11.59	0	0	0
243	SLD 1	1.12	0.08	11.28	0	0	0
243	SLD 2	1.22	0.11	11.33	0	0	0
243	SLD 3	1.1	-0.2	11.02	0	0	0
243	SLD 4	1.2	-0.17	11.07	0	0	0
243	SLD 5	0.39	0.35	11.89	0	0	0
243	SLD 6	0.46	0.37	11.92	0	0	0
243	SLD 7	0.33	-0.59	11.01	0	0	0
243	SLD 8	0.4	-0.57	11.04	0	0	0
243	SLD 9	-0.27	0.29	12.14	0	0	0
243	SLD 10	-0.2	0.32	12.17	0	0	0
243	SLD 11	-0.33	-0.64	11.26	0	0	0
243	SLD 12	-0.26	-0.62	11.29	0	0	0
243	SLD 13	-1.07	-0.1	12.11	0	0	0
243	SLD 14	-0.97	-0.07	12.16	0	0	0
243	SLD 15	-1.09	-0.38	11.85	0	0	0
243	SLD 16	-0.98	-0.35	11.9	0	0	0
243	SLV 1	2.52	0.35	10.86	0	0	0
243	SLV 2	2.76	0.43	10.98	0	0	0
243	SLV 3	2.48	-0.29	10.26	0	0	0
243	SLV 4	2.72	-0.2	10.38	0	0	0
243	SLV 5	0.82	0.96	12.26	0	0	0
243	SLV 6	0.98	1.01	12.34	0	0	0
243	SLV 7	0.69	-1.16	10.27	0	0	0
243	SLV 8	0.84	-1.11	10.34	0	0	0
243	SLV 9	-0.71	0.84	12.84	0	0	0
243	SLV 10	-0.56	0.89	12.92	0	0	0
243	SLV 11	-0.85	-1.29	10.85	0	0	0
243	SLV 12	-0.69	-1.23	10.92	0	0	0
243	SLV 13	-2.59	-0.07	12.8	0	0	0
243	SLV 14	-2.35	0.01	12.92	0	0	0
243	SLV 15	-2.63	-0.71	12.2	0	0	0
243	SLV 16	-2.39	-0.62	12.32	0	0	0
244	SLU 1	0.06	-0.15	10.91	0	0	0
244	SLU 2	0.06	-0.14	10.92	0	0	0
244	SLU 3	0.07	-0.16	11.16	0	0	0
244	SLU 4	0.06	-0.15	11.17	0	0	0
244	SLU 5	0.06	-0.14	11.08	0	0	0
244	SLU 6	0.07	-0.16	11.32	0	0	0
244	SLU 7	0.06	-0.15	11.33	0	0	0
244	SLU 8	0.07	-0.16	11.23	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
244	SLU 9	0.06	-0.15	11.24	0	0	0
244	SLU 10	0.06	-0.14	12.21	0	0	0
244	SLU 11	0.07	-0.16	12.45	0	0	0
244	SLU 12	0.06	-0.15	12.46	0	0	0
244	SLU 13	0.06	-0.14	12.37	0	0	0
244	SLU 14	0.07	-0.16	12.61	0	0	0
244	SLU 15	0.06	-0.15	12.62	0	0	0
244	SLU 16	0.07	-0.16	12.52	0	0	0
244	SLU 17	0.06	-0.15	12.53	0	0	0
244	SLU 18	0.07	-0.15	12.75	0	0	0
244	SLU 19	0.06	-0.14	12.76	0	0	0
244	SLU 20	0.07	-0.16	12.91	0	0	0
244	SLU 21	0.06	-0.15	12.92	0	0	0
244	SLU 22	0.08	-0.15	12.06	0	0	0
244	SLU 23	0.07	-0.13	12.07	0	0	0
244	SLU 24	0.08	-0.15	12.31	0	0	0
244	SLU 25	0.07	-0.14	12.31	0	0	0
244	SLU 26	0.07	-0.13	12.23	0	0	0
244	SLU 27	0.08	-0.15	12.47	0	0	0
244	SLU 28	0.07	-0.14	12.48	0	0	0
244	SLU 29	0.08	-0.15	12.38	0	0	0
244	SLU 30	0.07	-0.14	12.38	0	0	0
244	SLU 31	0.07	-0.13	13.36	0	0	0
244	SLU 32	0.08	-0.15	13.6	0	0	0
244	SLU 33	0.08	-0.14	13.61	0	0	0
244	SLU 34	0.07	-0.13	13.52	0	0	0
244	SLU 35	0.08	-0.15	13.76	0	0	0
244	SLU 36	0.08	-0.14	13.77	0	0	0
244	SLU 37	0.08	-0.15	13.67	0	0	0
244	SLU 38	0.07	-0.14	13.68	0	0	0
244	SLU 39	0.08	-0.15	13.9	0	0	0
244	SLU 40	0.07	-0.14	13.91	0	0	0
244	SLU 41	0.08	-0.15	14.06	0	0	0
244	SLU 42	0.08	-0.14	14.07	0	0	0
244	SLU 43	0.08	-0.2	13.78	0	0	0
244	SLU 44	0.07	-0.19	13.8	0	0	0
244	SLU 45	0.08	-0.2	14.04	0	0	0
244	SLU 46	0.08	-0.19	14.04	0	0	0
244	SLU 47	0.07	-0.19	13.96	0	0	0
244	SLU 48	0.08	-0.21	14.2	0	0	0
244	SLU 49	0.08	-0.2	14.21	0	0	0
244	SLU 50	0.08	-0.21	14.11	0	0	0
244	SLU 51	0.08	-0.2	14.11	0	0	0
244	SLU 52	0.08	-0.19	15.09	0	0	0
244	SLU 53	0.08	-0.21	15.33	0	0	0
244	SLU 54	0.08	-0.19	15.34	0	0	0
244	SLU 55	0.08	-0.19	15.25	0	0	0
244	SLU 56	0.08	-0.21	15.49	0	0	0
244	SLU 57	0.08	-0.2	15.5	0	0	0
244	SLU 58	0.08	-0.21	15.4	0	0	0
244	SLU 59	0.08	-0.2	15.41	0	0	0
244	SLU 60	0.08	-0.2	15.63	0	0	0
244	SLU 61	0.08	-0.19	15.64	0	0	0
244	SLU 62	0.08	-0.21	15.79	0	0	0
244	SLU 63	0.08	-0.2	15.8	0	0	0
244	SLU 64	0.09	-0.2	14.93	0	0	0
244	SLU 65	0.09	-0.18	14.94	0	0	0
244	SLU 66	0.09	-0.2	15.19	0	0	0
244	SLU 67	0.09	-0.19	15.19	0	0	0
244	SLU 68	0.09	-0.18	15.11	0	0	0
244	SLU 69	0.09	-0.2	15.35	0	0	0
244	SLU 70	0.09	-0.19	15.35	0	0	0
244	SLU 71	0.09	-0.2	15.26	0	0	0
244	SLU 72	0.09	-0.19	15.26	0	0	0
244	SLU 73	0.09	-0.18	16.24	0	0	0
244	SLU 74	0.09	-0.2	16.48	0	0	0
244	SLU 75	0.09	-0.19	16.49	0	0	0
244	SLU 76	0.09	-0.18	16.4	0	0	0
244	SLU 77	0.1	-0.2	16.64	0	0	0
244	SLU 78	0.09	-0.19	16.65	0	0	0
244	SLU 79	0.09	-0.2	16.55	0	0	0
244	SLU 80	0.09	-0.19	16.55	0	0	0
244	SLU 81	0.09	-0.2	16.78	0	0	0
244	SLU 82	0.09	-0.19	16.79	0	0	0
244	SLU 83	0.09	-0.2	16.94	0	0	0
244	SLU 84	0.09	-0.19	16.95	0	0	0
244	SLE RA 1	0.07	-0.15	11.24	0	0	0
244	SLE RA 2	0.06	-0.14	11.24	0	0	0
244	SLE RA 3	0.07	-0.15	11.4	0	0	0
244	SLE RA 4	0.07	-0.15	11.41	0	0	0
244	SLE RA 5	0.06	-0.14	11.35	0	0	0
244	SLE RA 6	0.07	-0.15	11.51	0	0	0
244	SLE RA 7	0.07	-0.15	11.52	0	0	0
244	SLE RA 8	0.07	-0.16	11.45	0	0	0
244	SLE RA 9	0.07	-0.15	11.45	0	0	0
244	SLE RA 10	0.06	-0.14	12.1	0	0	0
244	SLE RA 11	0.07	-0.15	12.26	0	0	0
244	SLE RA 12	0.07	-0.15	12.27	0	0	0
244	SLE RA 13	0.07	-0.14	12.21	0	0	0



Nodo		Reazione a traslazione			Reazione a rotazione		
Ind.	Cont. N.br.	x	y	z	x	y	z
244	SLE RA 14	0.07	-0.16	12.37	0	0	0
244	SLE RA 15	0.07	-0.15	12.38	0	0	0
244	SLE RA 16	0.07	-0.16	12.31	0	0	0
244	SLE RA 17	0.07	-0.15	12.32	0	0	0
244	SLE RA 18	0.07	-0.15	12.47	0	0	0
244	SLE RA 19	0.07	-0.15	12.47	0	0	0
244	SLE RA 20	0.07	-0.15	12.57	0	0	0
244	SLE RA 21	0.07	-0.15	12.58	0	0	0
244	SLE FR 1	0.07	-0.15	11.24	0	0	0
244	SLE FR 2	0.07	-0.15	11.24	0	0	0
244	SLE FR 3	0.07	-0.15	11.28	0	0	0
244	SLE FR 4	0.07	-0.15	11.61	0	0	0
244	SLE FR 5	0.07	-0.15	11.65	0	0	0
244	SLE FR 6	0.07	-0.15	11.85	0	0	0
244	SLE QP 1	0.07	-0.15	11.24	0	0	0
244	SLE QP 2	0.07	-0.15	11.6	0	0	0
244	SLD 1	1.11	0.07	11.21	0	0	0
244	SLD 2	1.21	0.11	11.26	0	0	0
244	SLD 3	1.09	-0.2	10.95	0	0	0
244	SLD 4	1.2	-0.16	11	0	0	0
244	SLD 5	0.39	0.33	11.87	0	0	0
244	SLD 6	0.46	0.35	11.91	0	0	0
244	SLD 7	0.33	-0.6	11	0	0	0
244	SLD 8	0.4	-0.57	11.04	0	0	0
244	SLD 9	-0.26	0.26	12.17	0	0	0
244	SLD 10	-0.19	0.29	12.21	0	0	0
244	SLD 11	-0.32	-0.66	11.3	0	0	0
244	SLD 12	-0.25	-0.63	11.34	0	0	0
244	SLD 13	-1.06	-0.14	12.21	0	0	0
244	SLD 14	-0.96	-0.1	12.26	0	0	0
244	SLD 15	-1.08	-0.42	11.95	0	0	0
244	SLD 16	-0.97	-0.38	12	0	0	0
244	SLV 1	2.51	0.36	10.67	0	0	0
244	SLV 2	2.75	0.46	10.79	0	0	0
244	SLV 3	2.47	-0.27	10.07	0	0	0
244	SLV 4	2.71	-0.17	10.2	0	0	0
244	SLV 5	0.82	0.94	12.2	0	0	0
244	SLV 6	0.98	1	12.28	0	0	0
244	SLV 7	0.69	-1.15	10.22	0	0	0
244	SLV 8	0.84	-1.09	10.31	0	0	0
244	SLV 9	-0.71	0.79	12.9	0	0	0
244	SLV 10	-0.55	0.85	12.98	0	0	0
244	SLV 11	-0.84	-1.3	10.93	0	0	0
244	SLV 12	-0.68	-1.24	11.01	0	0	0
244	SLV 13	-2.57	-0.13	13.01	0	0	0
244	SLV 14	-2.33	-0.04	13.13	0	0	0
244	SLV 15	-2.61	-0.76	12.41	0	0	0
244	SLV 16	-2.37	-0.67	12.54	0	0	0
245	SLU 1	0.07	-0.17	10.88	0	0	0
245	SLU 2	0.06	-0.15	10.89	0	0	0
245	SLU 3	0.07	-0.17	11.13	0	0	0
245	SLU 4	0.07	-0.16	11.14	0	0	0
245	SLU 5	0.06	-0.15	11.05	0	0	0
245	SLU 6	0.07	-0.17	11.3	0	0	0
245	SLU 7	0.07	-0.16	11.3	0	0	0
245	SLU 8	0.07	-0.17	11.2	0	0	0
245	SLU 9	0.06	-0.16	11.21	0	0	0
245	SLU 10	0.06	-0.15	12.17	0	0	0
245	SLU 11	0.07	-0.17	12.42	0	0	0
245	SLU 12	0.07	-0.16	12.42	0	0	0
245	SLU 13	0.06	-0.15	12.34	0	0	0
245	SLU 14	0.07	-0.17	12.58	0	0	0
245	SLU 15	0.07	-0.16	12.58	0	0	0
245	SLU 16	0.07	-0.18	12.49	0	0	0
245	SLU 17	0.07	-0.16	12.49	0	0	0
245	SLU 18	0.07	-0.17	12.72	0	0	0
245	SLU 19	0.07	-0.16	12.72	0	0	0
245	SLU 20	0.07	-0.17	12.88	0	0	0
245	SLU 21	0.07	-0.16	12.88	0	0	0
245	SLU 22	0.08	-0.16	12.03	0	0	0
245	SLU 23	0.07	-0.14	12.04	0	0	0
245	SLU 24	0.08	-0.16	12.28	0	0	0
245	SLU 25	0.08	-0.15	12.29	0	0	0
245	SLU 26	0.07	-0.14	12.2	0	0	0
245	SLU 27	0.08	-0.17	12.45	0	0	0
245	SLU 28	0.08	-0.15	12.45	0	0	0
245	SLU 29	0.08	-0.17	12.35	0	0	0
245	SLU 30	0.08	-0.16	12.36	0	0	0
245	SLU 31	0.07	-0.14	13.32	0	0	0
245	SLU 32	0.08	-0.16	13.57	0	0	0
245	SLU 33	0.08	-0.15	13.57	0	0	0
245	SLU 34	0.07	-0.15	13.49	0	0	0
245	SLU 35	0.08	-0.17	13.73	0	0	0
245	SLU 36	0.08	-0.16	13.73	0	0	0
245	SLU 37	0.08	-0.17	13.64	0	0	0
245	SLU 38	0.08	-0.16	13.64	0	0	0
245	SLU 39	0.08	-0.16	13.87	0	0	0
245	SLU 40	0.08	-0.15	13.87	0	0	0
245	SLU 41	0.08	-0.17	14.03	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
245	SLU 42	0.08	-0.16	14.03	0	0	0
245	SLU 43	0.08	-0.22	13.75	0	0	0
245	SLU 44	0.08	-0.2	13.76	0	0	0
245	SLU 45	0.08	-0.22	14.01	0	0	0
245	SLU 46	0.08	-0.21	14.01	0	0	0
245	SLU 47	0.08	-0.2	13.92	0	0	0
245	SLU 48	0.09	-0.22	14.17	0	0	0
245	SLU 49	0.08	-0.21	14.17	0	0	0
245	SLU 50	0.08	-0.22	14.07	0	0	0
245	SLU 51	0.08	-0.21	14.08	0	0	0
245	SLU 52	0.08	-0.2	15.05	0	0	0
245	SLU 53	0.09	-0.22	15.29	0	0	0
245	SLU 54	0.08	-0.21	15.29	0	0	0
245	SLU 55	0.08	-0.21	15.21	0	0	0
245	SLU 56	0.09	-0.23	15.45	0	0	0
245	SLU 57	0.08	-0.22	15.45	0	0	0
245	SLU 58	0.09	-0.23	15.36	0	0	0
245	SLU 59	0.08	-0.22	15.36	0	0	0
245	SLU 60	0.09	-0.22	15.59	0	0	0
245	SLU 61	0.08	-0.21	15.59	0	0	0
245	SLU 62	0.09	-0.23	15.75	0	0	0
245	SLU 63	0.08	-0.21	15.75	0	0	0
245	SLU 64	0.1	-0.21	14.9	0	0	0
245	SLU 65	0.09	-0.19	14.91	0	0	0
245	SLU 66	0.1	-0.21	15.16	0	0	0
245	SLU 67	0.09	-0.2	15.16	0	0	0
245	SLU 68	0.09	-0.2	15.07	0	0	0
245	SLU 69	0.1	-0.22	15.32	0	0	0
245	SLU 70	0.09	-0.21	15.32	0	0	0
245	SLU 71	0.1	-0.22	15.22	0	0	0
245	SLU 72	0.09	-0.21	15.23	0	0	0
245	SLU 73	0.09	-0.2	16.2	0	0	0
245	SLU 74	0.1	-0.22	16.44	0	0	0
245	SLU 75	0.09	-0.21	16.44	0	0	0
245	SLU 76	0.09	-0.2	16.36	0	0	0
245	SLU 77	0.1	-0.22	16.6	0	0	0
245	SLU 78	0.1	-0.21	16.6	0	0	0
245	SLU 79	0.1	-0.22	16.51	0	0	0
245	SLU 80	0.09	-0.21	16.51	0	0	0
245	SLU 81	0.1	-0.22	16.74	0	0	0
245	SLU 82	0.09	-0.2	16.74	0	0	0
245	SLU 83	0.1	-0.22	16.9	0	0	0
245	SLU 84	0.09	-0.21	16.9	0	0	0
245	SLE RA 1	0.07	-0.16	11.21	0	0	0
245	SLE RA 2	0.07	-0.15	11.22	0	0	0
245	SLE RA 3	0.07	-0.17	11.38	0	0	0
245	SLE RA 4	0.07	-0.16	11.38	0	0	0
245	SLE RA 5	0.07	-0.15	11.32	0	0	0
245	SLE RA 6	0.07	-0.17	11.49	0	0	0
245	SLE RA 7	0.07	-0.16	11.49	0	0	0
245	SLE RA 8	0.07	-0.17	11.43	0	0	0
245	SLE RA 9	0.07	-0.16	11.43	0	0	0
245	SLE RA 10	0.07	-0.15	12.07	0	0	0
245	SLE RA 11	0.07	-0.17	12.24	0	0	0
245	SLE RA 12	0.07	-0.16	12.24	0	0	0
245	SLE RA 13	0.07	-0.16	12.18	0	0	0
245	SLE RA 14	0.07	-0.17	12.34	0	0	0
245	SLE RA 15	0.07	-0.16	12.35	0	0	0
245	SLE RA 16	0.07	-0.17	12.28	0	0	0
245	SLE RA 17	0.07	-0.16	12.28	0	0	0
245	SLE RA 18	0.07	-0.17	12.43	0	0	0
245	SLE RA 19	0.07	-0.16	12.44	0	0	0
245	SLE RA 20	0.07	-0.17	12.54	0	0	0
245	SLE RA 21	0.07	-0.16	12.54	0	0	0
245	SLE FR 1	0.07	-0.16	11.21	0	0	0
245	SLE FR 2	0.07	-0.16	11.21	0	0	0
245	SLE FR 3	0.07	-0.17	11.25	0	0	0
245	SLE FR 4	0.07	-0.16	11.58	0	0	0
245	SLE FR 5	0.07	-0.17	11.62	0	0	0
245	SLE FR 6	0.07	-0.17	11.82	0	0	0
245	SLE QP 1	0.07	-0.16	11.21	0	0	0
245	SLE QP 2	0.07	-0.17	11.58	0	0	0
245	SLD 1	1.1	0.07	11.09	0	0	0
245	SLD 2	1.2	0.11	11.15	0	0	0
245	SLD 3	1.08	-0.2	10.83	0	0	0
245	SLD 4	1.18	-0.16	10.89	0	0	0
245	SLD 5	0.39	0.31	11.81	0	0	0
245	SLD 6	0.45	0.34	11.85	0	0	0
245	SLD 7	0.33	-0.6	10.95	0	0	0
245	SLD 8	0.4	-0.57	10.99	0	0	0
245	SLD 9	-0.25	0.24	12.17	0	0	0
245	SLD 10	-0.19	0.26	12.21	0	0	0
245	SLD 11	-0.31	-0.67	11.3	0	0	0
245	SLD 12	-0.24	-0.64	11.34	0	0	0
245	SLD 13	-1.04	-0.17	12.27	0	0	0
245	SLD 14	-0.94	-0.13	12.32	0	0	0
245	SLD 15	-1.06	-0.44	12.01	0	0	0
245	SLD 16	-0.95	-0.4	12.06	0	0	0
245	SLV 1	2.47	0.37	10.43	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
245	SLV 2	2.71	0.47	10.57	0	0	0
245	SLV 3	2.43	-0.25	9.84	0	0	0
245	SLV 4	2.67	-0.14	9.98	0	0	0
245	SLV 5	0.81	0.91	12.1	0	0	0
245	SLV 6	0.96	0.97	12.19	0	0	0
245	SLV 7	0.68	-1.14	10.14	0	0	0
245	SLV 8	0.83	-1.07	10.23	0	0	0
245	SLV 9	-0.69	0.74	12.92	0	0	0
245	SLV 10	-0.53	0.81	13.01	0	0	0
245	SLV 11	-0.82	-1.3	10.97	0	0	0
245	SLV 12	-0.67	-1.24	11.06	0	0	0
245	SLV 13	-2.52	-0.19	13.18	0	0	0
245	SLV 14	-2.29	-0.09	13.31	0	0	0
245	SLV 15	-2.56	-0.8	12.59	0	0	0
245	SLV 16	-2.33	-0.7	12.73	0	0	0
246	SLU 1	0.06	-0.16	10.02	0	0	0
246	SLU 2	0.06	-0.14	10.02	0	0	0
246	SLU 3	0.07	-0.16	10.25	0	0	0
246	SLU 4	0.06	-0.15	10.25	0	0	0
246	SLU 5	0.06	-0.15	10.17	0	0	0
246	SLU 6	0.07	-0.17	10.39	0	0	0
246	SLU 7	0.06	-0.16	10.4	0	0	0
246	SLU 8	0.07	-0.17	10.31	0	0	0
246	SLU 9	0.06	-0.16	10.31	0	0	0
246	SLU 10	0.06	-0.15	11.2	0	0	0
246	SLU 11	0.07	-0.17	11.43	0	0	0
246	SLU 12	0.06	-0.16	11.43	0	0	0
246	SLU 13	0.06	-0.15	11.35	0	0	0
246	SLU 14	0.07	-0.17	11.57	0	0	0
246	SLU 15	0.07	-0.16	11.58	0	0	0
246	SLU 16	0.07	-0.17	11.49	0	0	0
246	SLU 17	0.06	-0.16	11.49	0	0	0
246	SLU 18	0.07	-0.17	11.7	0	0	0
246	SLU 19	0.06	-0.16	11.7	0	0	0
246	SLU 20	0.07	-0.17	11.85	0	0	0
246	SLU 21	0.06	-0.16	11.85	0	0	0
246	SLU 22	0.08	-0.16	11.08	0	0	0
246	SLU 23	0.07	-0.14	11.08	0	0	0
246	SLU 24	0.08	-0.16	11.31	0	0	0
246	SLU 25	0.07	-0.15	11.31	0	0	0
246	SLU 26	0.07	-0.14	11.23	0	0	0
246	SLU 27	0.08	-0.16	11.46	0	0	0
246	SLU 28	0.07	-0.15	11.46	0	0	0
246	SLU 29	0.08	-0.16	11.37	0	0	0
246	SLU 30	0.07	-0.15	11.38	0	0	0
246	SLU 31	0.07	-0.14	12.26	0	0	0
246	SLU 32	0.08	-0.16	12.49	0	0	0
246	SLU 33	0.08	-0.15	12.49	0	0	0
246	SLU 34	0.07	-0.15	12.41	0	0	0
246	SLU 35	0.08	-0.17	12.64	0	0	0
246	SLU 36	0.08	-0.16	12.64	0	0	0
246	SLU 37	0.08	-0.17	12.55	0	0	0
246	SLU 38	0.08	-0.16	12.55	0	0	0
246	SLU 39	0.08	-0.16	12.76	0	0	0
246	SLU 40	0.08	-0.15	12.76	0	0	0
246	SLU 41	0.08	-0.17	12.91	0	0	0
246	SLU 42	0.08	-0.16	12.91	0	0	0
246	SLU 43	0.08	-0.21	12.66	0	0	0
246	SLU 44	0.07	-0.19	12.66	0	0	0
246	SLU 45	0.08	-0.21	12.89	0	0	0
246	SLU 46	0.08	-0.2	12.89	0	0	0
246	SLU 47	0.08	-0.2	12.81	0	0	0
246	SLU 48	0.08	-0.22	13.03	0	0	0
246	SLU 49	0.08	-0.21	13.04	0	0	0
246	SLU 50	0.08	-0.22	12.95	0	0	0
246	SLU 51	0.08	-0.21	12.95	0	0	0
246	SLU 52	0.08	-0.2	13.84	0	0	0
246	SLU 53	0.08	-0.22	14.07	0	0	0
246	SLU 54	0.08	-0.21	14.07	0	0	0
246	SLU 55	0.08	-0.2	13.99	0	0	0
246	SLU 56	0.08	-0.22	14.21	0	0	0
246	SLU 57	0.08	-0.21	14.22	0	0	0
246	SLU 58	0.08	-0.22	14.13	0	0	0
246	SLU 59	0.08	-0.21	14.13	0	0	0
246	SLU 60	0.08	-0.22	14.34	0	0	0
246	SLU 61	0.08	-0.21	14.34	0	0	0
246	SLU 62	0.08	-0.22	14.49	0	0	0
246	SLU 63	0.08	-0.21	14.49	0	0	0
246	SLU 64	0.09	-0.21	13.72	0	0	0
246	SLU 65	0.09	-0.19	13.72	0	0	0
246	SLU 66	0.09	-0.21	13.95	0	0	0
246	SLU 67	0.09	-0.2	13.95	0	0	0
246	SLU 68	0.09	-0.19	13.87	0	0	0
246	SLU 69	0.09	-0.21	14.1	0	0	0
246	SLU 70	0.09	-0.2	14.1	0	0	0
246	SLU 71	0.09	-0.21	14.01	0	0	0
246	SLU 72	0.09	-0.2	14.02	0	0	0
246	SLU 73	0.09	-0.19	14.9	0	0	0
246	SLU 74	0.09	-0.21	15.13	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
246	SLU 75	0.09	-0.2	15.13	0	0	0
246	SLU 76	0.09	-0.2	15.05	0	0	0
246	SLU 77	0.1	-0.22	15.28	0	0	0
246	SLU 78	0.09	-0.21	15.28	0	0	0
246	SLU 79	0.09	-0.22	15.19	0	0	0
246	SLU 80	0.09	-0.21	15.19	0	0	0
246	SLU 81	0.09	-0.21	15.4	0	0	0
246	SLU 82	0.09	-0.2	15.4	0	0	0
246	SLU 83	0.09	-0.22	15.55	0	0	0
246	SLU 84	0.09	-0.21	15.55	0	0	0
246	SLE RA 1	0.07	-0.16	10.32	0	0	0
246	SLE RA 2	0.06	-0.15	10.32	0	0	0
246	SLE RA 3	0.07	-0.16	10.47	0	0	0
246	SLE RA 4	0.07	-0.16	10.48	0	0	0
246	SLE RA 5	0.06	-0.15	10.42	0	0	0
246	SLE RA 6	0.07	-0.16	10.57	0	0	0
246	SLE RA 7	0.07	-0.16	10.57	0	0	0
246	SLE RA 8	0.07	-0.16	10.52	0	0	0
246	SLE RA 9	0.07	-0.16	10.52	0	0	0
246	SLE RA 10	0.07	-0.15	11.11	0	0	0
246	SLE RA 11	0.07	-0.16	11.26	0	0	0
246	SLE RA 12	0.07	-0.16	11.26	0	0	0
246	SLE RA 13	0.07	-0.15	11.21	0	0	0
246	SLE RA 14	0.07	-0.17	11.36	0	0	0
246	SLE RA 15	0.07	-0.16	11.36	0	0	0
246	SLE RA 16	0.07	-0.17	11.3	0	0	0
246	SLE RA 17	0.07	-0.16	11.3	0	0	0
246	SLE RA 18	0.07	-0.16	11.44	0	0	0
246	SLE RA 19	0.07	-0.16	11.44	0	0	0
246	SLE RA 20	0.07	-0.17	11.54	0	0	0
246	SLE RA 21	0.07	-0.16	11.54	0	0	0
246	SLE FR 1	0.07	-0.16	10.32	0	0	0
246	SLE FR 2	0.07	-0.16	10.32	0	0	0
246	SLE FR 3	0.07	-0.16	10.36	0	0	0
246	SLE FR 4	0.07	-0.16	10.66	0	0	0
246	SLE FR 5	0.07	-0.16	10.69	0	0	0
246	SLE FR 6	0.07	-0.16	10.88	0	0	0
246	SLE QP 1	0.07	-0.16	10.32	0	0	0
246	SLE QP 2	0.07	-0.16	10.66	0	0	0
246	SLD 1	0.99	0.06	10.13	0	0	0
246	SLD 2	1.08	0.1	10.18	0	0	0
246	SLD 3	0.98	-0.19	9.89	0	0	0
246	SLD 4	1.07	-0.14	9.95	0	0	0
246	SLD 5	0.35	0.26	10.85	0	0	0
246	SLD 6	0.41	0.29	10.88	0	0	0
246	SLD 7	0.3	-0.55	10.05	0	0	0
246	SLD 8	0.36	-0.52	10.09	0	0	0
246	SLD 9	-0.22	0.19	11.22	0	0	0
246	SLD 10	-0.16	0.22	11.26	0	0	0
246	SLD 11	-0.28	-0.62	10.43	0	0	0
246	SLD 12	-0.22	-0.59	10.46	0	0	0
246	SLD 13	-0.93	-0.18	11.36	0	0	0
246	SLD 14	-0.84	-0.14	11.42	0	0	0
246	SLD 15	-0.95	-0.42	11.13	0	0	0
246	SLD 16	-0.85	-0.38	11.18	0	0	0
246	SLV 1	2.23	0.34	9.41	0	0	0
246	SLV 2	2.44	0.44	9.54	0	0	0
246	SLV 3	2.19	-0.21	8.87	0	0	0
246	SLV 4	2.4	-0.11	9	0	0	0
246	SLV 5	0.73	0.81	11.08	0	0	0
246	SLV 6	0.87	0.87	11.16	0	0	0
246	SLV 7	0.61	-1.03	9.28	0	0	0
246	SLV 8	0.75	-0.96	9.36	0	0	0
246	SLV 9	-0.61	0.64	11.95	0	0	0
246	SLV 10	-0.48	0.71	12.03	0	0	0
246	SLV 11	-0.74	-1.2	10.15	0	0	0
246	SLV 12	-0.6	-1.13	10.23	0	0	0
246	SLV 13	-2.27	-0.22	12.31	0	0	0
246	SLV 14	-2.05	-0.11	12.44	0	0	0
246	SLV 15	-2.3	-0.77	11.77	0	0	0
246	SLV 16	-2.09	-0.66	11.9	0	0	0
247	SLU 1	0.06	-0.16	9.37	0	0	0
247	SLU 2	0.06	-0.14	9.37	0	0	0
247	SLU 3	0.06	-0.16	9.58	0	0	0
247	SLU 4	0.06	-0.15	9.59	0	0	0
247	SLU 5	0.06	-0.14	9.51	0	0	0
247	SLU 6	0.06	-0.16	9.72	0	0	0
247	SLU 7	0.06	-0.15	9.72	0	0	0
247	SLU 8	0.06	-0.16	9.64	0	0	0
247	SLU 9	0.06	-0.15	9.65	0	0	0
247	SLU 10	0.06	-0.15	10.47	0	0	0
247	SLU 11	0.07	-0.16	10.68	0	0	0
247	SLU 12	0.06	-0.15	10.69	0	0	0
247	SLU 13	0.06	-0.15	10.61	0	0	0
247	SLU 14	0.07	-0.17	10.82	0	0	0
247	SLU 15	0.06	-0.16	10.82	0	0	0
247	SLU 16	0.07	-0.17	10.74	0	0	0
247	SLU 17	0.06	-0.16	10.75	0	0	0
247	SLU 18	0.07	-0.16	10.94	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
247	SLU 19	0.06	-0.15	10.94	0	0	0
247	SLU 20	0.07	-0.17	11.08	0	0	0
247	SLU 21	0.06	-0.16	11.08	0	0	0
247	SLU 22	0.07	-0.15	10.36	0	0	0
247	SLU 23	0.07	-0.14	10.37	0	0	0
247	SLU 24	0.07	-0.16	10.58	0	0	0
247	SLU 25	0.07	-0.15	10.58	0	0	0
247	SLU 26	0.07	-0.14	10.51	0	0	0
247	SLU 27	0.07	-0.16	10.72	0	0	0
247	SLU 28	0.07	-0.15	10.72	0	0	0
247	SLU 29	0.07	-0.16	10.64	0	0	0
247	SLU 30	0.07	-0.15	10.64	0	0	0
247	SLU 31	0.07	-0.14	11.47	0	0	0
247	SLU 32	0.08	-0.16	11.68	0	0	0
247	SLU 33	0.07	-0.15	11.68	0	0	0
247	SLU 34	0.07	-0.15	11.61	0	0	0
247	SLU 35	0.08	-0.16	11.82	0	0	0
247	SLU 36	0.07	-0.15	11.82	0	0	0
247	SLU 37	0.08	-0.17	11.74	0	0	0
247	SLU 38	0.07	-0.16	11.74	0	0	0
247	SLU 39	0.08	-0.16	11.94	0	0	0
247	SLU 40	0.07	-0.15	11.94	0	0	0
247	SLU 41	0.08	-0.16	12.07	0	0	0
247	SLU 42	0.07	-0.15	12.08	0	0	0
247	SLU 43	0.08	-0.21	11.84	0	0	0
247	SLU 44	0.07	-0.19	11.84	0	0	0
247	SLU 45	0.08	-0.21	12.05	0	0	0
247	SLU 46	0.08	-0.2	12.05	0	0	0
247	SLU 47	0.07	-0.19	11.98	0	0	0
247	SLU 48	0.08	-0.21	12.19	0	0	0
247	SLU 49	0.08	-0.2	12.19	0	0	0
247	SLU 50	0.08	-0.21	12.11	0	0	0
247	SLU 51	0.08	-0.2	12.11	0	0	0
247	SLU 52	0.07	-0.19	12.94	0	0	0
247	SLU 53	0.08	-0.21	13.15	0	0	0
247	SLU 54	0.08	-0.2	13.15	0	0	0
247	SLU 55	0.08	-0.2	13.08	0	0	0
247	SLU 56	0.08	-0.22	13.29	0	0	0
247	SLU 57	0.08	-0.21	13.29	0	0	0
247	SLU 58	0.08	-0.22	13.21	0	0	0
247	SLU 59	0.08	-0.21	13.21	0	0	0
247	SLU 60	0.08	-0.21	13.41	0	0	0
247	SLU 61	0.08	-0.2	13.41	0	0	0
247	SLU 62	0.08	-0.21	13.55	0	0	0
247	SLU 63	0.08	-0.21	13.55	0	0	0
247	SLU 64	0.09	-0.2	12.83	0	0	0
247	SLU 65	0.08	-0.19	12.84	0	0	0
247	SLU 66	0.09	-0.21	13.05	0	0	0
247	SLU 67	0.09	-0.2	13.05	0	0	0
247	SLU 68	0.08	-0.19	12.97	0	0	0
247	SLU 69	0.09	-0.21	13.19	0	0	0
247	SLU 70	0.09	-0.2	13.19	0	0	0
247	SLU 71	0.09	-0.21	13.11	0	0	0
247	SLU 72	0.09	-0.2	13.11	0	0	0
247	SLU 73	0.09	-0.19	13.94	0	0	0
247	SLU 74	0.09	-0.21	14.15	0	0	0
247	SLU 75	0.09	-0.2	14.15	0	0	0
247	SLU 76	0.09	-0.19	14.07	0	0	0
247	SLU 77	0.09	-0.21	14.29	0	0	0
247	SLU 78	0.09	-0.2	14.29	0	0	0
247	SLU 79	0.09	-0.21	14.21	0	0	0
247	SLU 80	0.09	-0.2	14.21	0	0	0
247	SLU 81	0.09	-0.21	14.4	0	0	0
247	SLU 82	0.09	-0.2	14.41	0	0	0
247	SLU 83	0.09	-0.21	14.54	0	0	0
247	SLU 84	0.09	-0.2	14.54	0	0	0
247	SLE RA 1	0.07	-0.16	9.65	0	0	0
247	SLE RA 2	0.06	-0.15	9.65	0	0	0
247	SLE RA 3	0.07	-0.16	9.8	0	0	0
247	SLE RA 4	0.06	-0.15	9.8	0	0	0
247	SLE RA 5	0.06	-0.15	9.75	0	0	0
247	SLE RA 6	0.07	-0.16	9.89	0	0	0
247	SLE RA 7	0.06	-0.15	9.89	0	0	0
247	SLE RA 8	0.07	-0.16	9.84	0	0	0
247	SLE RA 9	0.06	-0.15	9.84	0	0	0
247	SLE RA 10	0.06	-0.15	10.39	0	0	0
247	SLE RA 11	0.07	-0.16	10.53	0	0	0
247	SLE RA 12	0.07	-0.15	10.53	0	0	0
247	SLE RA 13	0.06	-0.15	10.48	0	0	0
247	SLE RA 14	0.07	-0.16	10.62	0	0	0
247	SLE RA 15	0.07	-0.16	10.62	0	0	0
247	SLE RA 16	0.07	-0.16	10.57	0	0	0
247	SLE RA 17	0.07	-0.16	10.57	0	0	0
247	SLE RA 18	0.07	-0.16	10.7	0	0	0
247	SLE RA 19	0.07	-0.15	10.7	0	0	0
247	SLE RA 20	0.07	-0.16	10.79	0	0	0
247	SLE RA 21	0.07	-0.16	10.79	0	0	0
247	SLE FR 1	0.07	-0.16	9.65	0	0	0
247	SLE FR 2	0.06	-0.15	9.65	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
247	SLE FR 3	0.07	-0.16	9.69	0	0	0
247	SLE FR 4	0.07	-0.16	9.97	0	0	0
247	SLE FR 5	0.07	-0.16	10	0	0	0
247	SLE FR 6	0.07	-0.16	10.18	0	0	0
247	SLE QP 1	0.07	-0.16	9.65	0	0	0
247	SLE QP 2	0.07	-0.16	9.97	0	0	0
247	SLD 1	0.91	0.05	9.4	0	0	0
247	SLD 2	1	0.09	9.46	0	0	0
247	SLD 3	0.9	-0.17	9.18	0	0	0
247	SLD 4	0.98	-0.13	9.24	0	0	0
247	SLD 5	0.33	0.23	10.13	0	0	0
247	SLD 6	0.38	0.26	10.16	0	0	0
247	SLD 7	0.28	-0.51	9.38	0	0	0
247	SLD 8	0.33	-0.48	9.42	0	0	0
247	SLD 9	-0.2	0.16	10.51	0	0	0
247	SLD 10	-0.15	0.19	10.55	0	0	0
247	SLD 11	-0.25	-0.58	9.77	0	0	0
247	SLD 12	-0.19	-0.55	9.81	0	0	0
247	SLD 13	-0.85	-0.19	10.7	0	0	0
247	SLD 14	-0.76	-0.14	10.75	0	0	0
247	SLD 15	-0.86	-0.41	10.47	0	0	0
247	SLD 16	-0.78	-0.36	10.53	0	0	0
247	SLV 1	2.04	0.32	8.64	0	0	0
247	SLV 2	2.24	0.42	8.77	0	0	0
247	SLV 3	2.01	-0.19	8.14	0	0	0
247	SLV 4	2.2	-0.09	8.27	0	0	0
247	SLV 5	0.68	0.73	10.31	0	0	0
247	SLV 6	0.8	0.8	10.4	0	0	0
247	SLV 7	0.56	-0.95	8.63	0	0	0
247	SLV 8	0.69	-0.88	8.71	0	0	0
247	SLV 9	-0.56	0.57	11.22	0	0	0
247	SLV 10	-0.43	0.63	11.31	0	0	0
247	SLV 11	-0.67	-1.11	9.53	0	0	0
247	SLV 12	-0.54	-1.05	9.62	0	0	0
247	SLV 13	-2.07	-0.23	11.67	0	0	0
247	SLV 14	-1.88	-0.13	11.8	0	0	0
247	SLV 15	-2.11	-0.73	11.16	0	0	0
247	SLV 16	-1.91	-0.63	11.29	0	0	0
248	SLU 1	0.03	-0.08	4.69	0	0	0
248	SLU 2	0.03	-0.08	4.69	0	0	0
248	SLU 3	0.03	-0.09	4.79	0	0	0
248	SLU 4	0.03	-0.08	4.79	0	0	0
248	SLU 5	0.03	-0.08	4.75	0	0	0
248	SLU 6	0.03	-0.09	4.86	0	0	0
248	SLU 7	0.03	-0.08	4.86	0	0	0
248	SLU 8	0.03	-0.09	4.82	0	0	0
248	SLU 9	0.03	-0.08	4.82	0	0	0
248	SLU 10	0.03	-0.08	5.24	0	0	0
248	SLU 11	0.03	-0.09	5.34	0	0	0
248	SLU 12	0.03	-0.08	5.34	0	0	0
248	SLU 13	0.03	-0.08	5.3	0	0	0
248	SLU 14	0.03	-0.09	5.41	0	0	0
248	SLU 15	0.03	-0.09	5.41	0	0	0
248	SLU 16	0.03	-0.09	5.37	0	0	0
248	SLU 17	0.03	-0.09	5.37	0	0	0
248	SLU 18	0.03	-0.09	5.47	0	0	0
248	SLU 19	0.03	-0.08	5.47	0	0	0
248	SLU 20	0.03	-0.09	5.54	0	0	0
248	SLU 21	0.03	-0.09	5.54	0	0	0
248	SLU 22	0.04	-0.08	5.19	0	0	0
248	SLU 23	0.03	-0.08	5.19	0	0	0
248	SLU 24	0.04	-0.09	5.29	0	0	0
248	SLU 25	0.04	-0.08	5.29	0	0	0
248	SLU 26	0.03	-0.08	5.26	0	0	0
248	SLU 27	0.04	-0.09	5.36	0	0	0
248	SLU 28	0.04	-0.08	5.36	0	0	0
248	SLU 29	0.04	-0.09	5.32	0	0	0
248	SLU 30	0.03	-0.08	5.32	0	0	0
248	SLU 31	0.03	-0.08	5.74	0	0	0
248	SLU 32	0.04	-0.09	5.84	0	0	0
248	SLU 33	0.04	-0.08	5.84	0	0	0
248	SLU 34	0.03	-0.08	5.81	0	0	0
248	SLU 35	0.04	-0.09	5.91	0	0	0
248	SLU 36	0.04	-0.09	5.91	0	0	0
248	SLU 37	0.04	-0.09	5.87	0	0	0
248	SLU 38	0.04	-0.09	5.87	0	0	0
248	SLU 39	0.04	-0.09	5.97	0	0	0
248	SLU 40	0.04	-0.08	5.97	0	0	0
248	SLU 41	0.04	-0.09	6.04	0	0	0
248	SLU 42	0.04	-0.09	6.04	0	0	0
248	SLU 43	0.04	-0.11	5.92	0	0	0
248	SLU 44	0.04	-0.1	5.92	0	0	0
248	SLU 45	0.04	-0.11	6.03	0	0	0
248	SLU 46	0.04	-0.11	6.03	0	0	0
248	SLU 47	0.04	-0.1	5.99	0	0	0
248	SLU 48	0.04	-0.11	6.1	0	0	0
248	SLU 49	0.04	-0.11	6.1	0	0	0
248	SLU 50	0.04	-0.11	6.06	0	0	0
248	SLU 51	0.04	-0.11	6.06	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
248	SLU 52	0.04	-0.11	6.47	0	0	0
248	SLU 53	0.04	-0.12	6.58	0	0	0
248	SLU 54	0.04	-0.11	6.58	0	0	0
248	SLU 55	0.04	-0.11	6.54	0	0	0
248	SLU 56	0.04	-0.12	6.65	0	0	0
248	SLU 57	0.04	-0.11	6.65	0	0	0
248	SLU 58	0.04	-0.12	6.61	0	0	0
248	SLU 59	0.04	-0.11	6.61	0	0	0
248	SLU 60	0.04	-0.11	6.7	0	0	0
248	SLU 61	0.04	-0.11	6.7	0	0	0
248	SLU 62	0.04	-0.12	6.77	0	0	0
248	SLU 63	0.04	-0.11	6.77	0	0	0
248	SLU 64	0.04	-0.11	6.42	0	0	0
248	SLU 65	0.04	-0.1	6.42	0	0	0
248	SLU 66	0.04	-0.11	6.53	0	0	0
248	SLU 67	0.04	-0.11	6.53	0	0	0
248	SLU 68	0.04	-0.1	6.49	0	0	0
248	SLU 69	0.04	-0.11	6.6	0	0	0
248	SLU 70	0.04	-0.11	6.6	0	0	0
248	SLU 71	0.04	-0.11	6.56	0	0	0
248	SLU 72	0.04	-0.11	6.56	0	0	0
248	SLU 73	0.04	-0.1	6.97	0	0	0
248	SLU 74	0.05	-0.11	7.08	0	0	0
248	SLU 75	0.04	-0.11	7.08	0	0	0
248	SLU 76	0.04	-0.11	7.04	0	0	0
248	SLU 77	0.05	-0.12	7.15	0	0	0
248	SLU 78	0.04	-0.11	7.15	0	0	0
248	SLU 79	0.04	-0.12	7.11	0	0	0
248	SLU 80	0.04	-0.11	7.11	0	0	0
248	SLU 81	0.04	-0.11	7.21	0	0	0
248	SLU 82	0.04	-0.11	7.21	0	0	0
248	SLU 83	0.05	-0.12	7.27	0	0	0
248	SLU 84	0.04	-0.11	7.27	0	0	0
248	SLE RA 1	0.03	-0.08	4.83	0	0	0
248	SLE RA 2	0.03	-0.08	4.83	0	0	0
248	SLE RA 3	0.03	-0.09	4.9	0	0	0
248	SLE RA 4	0.03	-0.08	4.9	0	0	0
248	SLE RA 5	0.03	-0.08	4.87	0	0	0
248	SLE RA 6	0.03	-0.09	4.95	0	0	0
248	SLE RA 7	0.03	-0.08	4.95	0	0	0
248	SLE RA 8	0.03	-0.09	4.92	0	0	0
248	SLE RA 9	0.03	-0.08	4.92	0	0	0
248	SLE RA 10	0.03	-0.08	5.2	0	0	0
248	SLE RA 11	0.03	-0.09	5.27	0	0	0
248	SLE RA 12	0.03	-0.08	5.27	0	0	0
248	SLE RA 13	0.03	-0.08	5.24	0	0	0
248	SLE RA 14	0.03	-0.09	5.31	0	0	0
248	SLE RA 15	0.03	-0.09	5.31	0	0	0
248	SLE RA 16	0.03	-0.09	5.29	0	0	0
248	SLE RA 17	0.03	-0.09	5.29	0	0	0
248	SLE RA 18	0.03	-0.09	5.35	0	0	0
248	SLE RA 19	0.03	-0.08	5.35	0	0	0
248	SLE RA 20	0.03	-0.09	5.4	0	0	0
248	SLE RA 21	0.03	-0.09	5.4	0	0	0
248	SLE FR 1	0.03	-0.08	4.83	0	0	0
248	SLE FR 2	0.03	-0.08	4.83	0	0	0
248	SLE FR 3	0.03	-0.09	4.85	0	0	0
248	SLE FR 4	0.03	-0.08	4.99	0	0	0
248	SLE FR 5	0.03	-0.09	5	0	0	0
248	SLE FR 6	0.03	-0.09	5.09	0	0	0
248	SLE QP 1	0.03	-0.08	4.83	0	0	0
248	SLE QP 2	0.03	-0.09	4.99	0	0	0
248	SLD 1	0.45	0.02	4.67	0	0	0
248	SLD 2	0.49	0.04	4.7	0	0	0
248	SLD 3	0.44	-0.09	4.56	0	0	0
248	SLD 4	0.48	-0.06	4.59	0	0	0
248	SLD 5	0.16	0.11	5.06	0	0	0
248	SLD 6	0.19	0.12	5.08	0	0	0
248	SLD 7	0.14	-0.25	4.68	0	0	0
248	SLD 8	0.16	-0.24	4.7	0	0	0
248	SLD 9	-0.1	0.07	5.27	0	0	0
248	SLD 10	-0.07	0.08	5.29	0	0	0
248	SLD 11	-0.12	-0.29	4.89	0	0	0
248	SLD 12	-0.1	-0.28	4.91	0	0	0
248	SLD 13	-0.42	-0.11	5.38	0	0	0
248	SLD 14	-0.38	-0.08	5.41	0	0	0
248	SLD 15	-0.42	-0.22	5.27	0	0	0
248	SLD 16	-0.38	-0.19	5.3	0	0	0
248	SLV 1	1	0.16	4.25	0	0	0
248	SLV 2	1.1	0.21	4.32	0	0	0
248	SLV 3	0.99	-0.09	3.99	0	0	0
248	SLV 4	1.08	-0.03	4.06	0	0	0
248	SLV 5	0.33	-0.35	5.14	0	0	0
248	SLV 6	0.39	0.39	5.18	0	0	0
248	SLV 7	0.28	-0.47	4.29	0	0	0
248	SLV 8	0.34	-0.43	4.33	0	0	0
248	SLV 9	-0.27	0.26	5.64	0	0	0
248	SLV 10	-0.21	0.3	5.68	0	0	0
248	SLV 11	-0.33	-0.56	4.79	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
248	SLV 12	-0.27	-0.52	4.83	0	0	0
248	SLV 13	-1.02	-0.14	5.91	0	0	0
248	SLV 14	-0.92	-0.09	5.98	0	0	0
248	SLV 15	-1.03	-0.38	5.66	0	0	0
248	SLV 16	-0.94	-0.33	5.72	0	0	0
250	SLU 1	-0.8	0.7	54.14	12.4127	-9.2907	0.3249
250	SLU 2	-0.79	0.86	53.83	12.3516	-9.2365	0.3501
250	SLU 3	-0.82	0.72	55.43	12.7077	-9.5112	0.3351
250	SLU 4	-0.82	0.82	55.25	12.671	-9.4787	0.3503
250	SLU 5	-0.8	0.87	54.65	12.5378	-9.3763	0.3564
250	SLU 6	-0.84	0.74	56.25	12.8939	-9.651	0.3414
250	SLU 7	-0.83	0.83	56.06	12.8573	-9.6185	0.3566
250	SLU 8	-0.83	0.73	55.77	12.7852	-9.5703	0.3375
250	SLU 9	-0.82	0.83	55.59	12.7485	-9.5378	0.3526
250	SLU 10	-0.83	1.02	59.81	13.7196	-10.2585	0.39
250	SLU 11	-0.87	0.88	61.41	14.0757	-10.5333	0.375
250	SLU 12	-0.86	0.98	61.23	14.039	-10.5007	0.3901
250	SLU 13	-0.85	1.03	60.63	13.9058	-10.3983	0.3963
250	SLU 14	-0.88	0.9	62.23	14.2619	-10.673	0.3813
250	SLU 15	-0.88	0.99	62.05	14.2252	-10.6405	0.3964
250	SLU 16	-0.87	0.89	61.76	14.1531	-10.5923	0.3773
250	SLU 17	-0.87	0.98	61.57	14.1165	-10.5598	0.3925
250	SLU 18	-0.86	0.93	62.69	14.3669	-10.7508	0.3818
250	SLU 19	-0.86	1.02	62.5	14.3303	-10.7182	0.3969
250	SLU 20	-0.88	0.94	63.51	14.5532	-10.8905	0.3881
250	SLU 21	-0.87	1.04	63.32	14.5165	-10.858	0.4032
250	SLU 22	-0.9	0.85	60.12	13.7815	-10.3099	0.3776
250	SLU 23	-0.89	1	59.81	13.7204	-10.2556	0.4029
250	SLU 24	-0.93	0.87	61.41	14.0765	-10.5304	0.3879
250	SLU 25	-0.92	0.96	61.22	14.0399	-10.4978	0.403
250	SLU 26	-0.91	1.02	60.63	13.9067	-10.3954	0.4092
250	SLU 27	-0.94	0.88	62.23	14.2627	-10.6702	0.3942
250	SLU 28	-0.94	0.98	62.04	14.2261	-10.6376	0.4093
250	SLU 29	-0.93	0.88	61.75	14.154	-10.5895	0.3902
250	SLU 30	-0.93	0.97	61.57	14.1173	-10.5569	0.4054
250	SLU 31	-0.94	1.16	65.79	15.0884	-11.2777	0.4427
250	SLU 32	-0.97	1.03	67.39	15.4445	-11.5524	0.4277
250	SLU 33	-0.97	1.12	67.21	15.4078	-11.5199	0.4429
250	SLU 34	-0.95	1.18	66.61	15.2746	-11.4175	0.449
250	SLU 35	-0.99	1.04	68.21	15.6307	-11.6922	0.434
250	SLU 36	-0.98	1.14	68.03	15.5941	-11.6597	0.4492
250	SLU 37	-0.98	1.03	67.74	15.522	-11.6115	0.4301
250	SLU 38	-0.97	1.13	67.55	15.4853	-11.579	0.4452
250	SLU 39	-0.97	1.07	68.67	15.7358	-11.7699	0.4346
250	SLU 40	-0.96	1.17	68.48	15.6991	-11.7374	0.4497
250	SLU 41	-0.98	1.09	69.48	15.922	-11.9097	0.4409
250	SLU 42	-0.98	1.18	69.3	15.8853	-11.8772	0.456
250	SLU 43	-1	0.86	68.33	15.6672	-11.7285	0.4043
250	SLU 44	-0.99	1.02	68.02	15.6061	-11.6742	0.4295
250	SLU 45	-1.03	0.88	69.62	15.9622	-11.949	0.4145
250	SLU 46	-1.02	0.98	69.44	15.9255	-11.9165	0.4296
250	SLU 47	-1.01	1.03	68.84	15.7923	-11.814	0.4358
250	SLU 48	-1.04	0.9	70.44	16.1484	-12.0888	0.4208
250	SLU 49	-1.03	0.99	70.25	16.1118	-12.0562	0.4359
250	SLU 50	-1.03	0.89	69.96	16.0397	-12.0081	0.4169
250	SLU 51	-1.02	0.99	69.78	16.003	-11.9755	0.432
250	SLU 52	-1.04	1.18	74.01	16.9741	-12.6963	0.4693
250	SLU 53	-1.07	1.04	75.61	17.3301	-12.971	0.4544
250	SLU 54	-1.07	1.14	75.42	17.2935	-12.9385	0.4695
250	SLU 55	-1.05	1.19	74.82	17.1603	-12.8361	0.4756
250	SLU 56	-1.09	1.06	76.42	17.5164	-13.1108	0.4607
250	SLU 57	-1.08	1.15	76.24	17.4797	-13.0783	0.4758
250	SLU 58	-1.07	1.05	75.95	17.4076	-13.0301	0.4567
250	SLU 59	-1.07	1.14	75.77	17.371	-12.9976	0.4718
250	SLU 60	-1.07	1.08	76.88	17.6214	-13.1885	0.4612
250	SLU 61	-1.06	1.18	76.69	17.5848	-13.156	0.4763
250	SLU 62	-1.08	1.1	77.7	17.8077	-13.3283	0.4675
250	SLU 63	-1.07	1.2	77.51	17.771	-13.2958	0.4826
250	SLU 64	-1.11	1.01	74.31	17.036	-12.7477	0.457
250	SLU 65	-1.1	1.16	74	16.9749	-12.6934	0.4822
250	SLU 66	-1.13	1.03	75.6	17.331	-12.9682	0.4673
250	SLU 67	-1.13	1.12	75.42	17.2944	-12.9356	0.4824
250	SLU 68	-1.11	1.18	74.82	17.1612	-12.8332	0.4885
250	SLU 69	-1.15	1.04	76.42	17.5172	-13.108	0.4736
250	SLU 70	-1.14	1.14	76.23	17.4806	-13.0754	0.4887
250	SLU 71	-1.14	1.04	75.94	17.4085	-13.0273	0.4696
250	SLU 72	-1.13	1.13	75.76	17.3718	-12.9947	0.4847
250	SLU 73	-1.14	1.32	79.98	18.3429	-13.7155	0.5221
250	SLU 74	-1.18	1.19	81.59	18.699	-13.9902	0.5071
250	SLU 75	-1.17	1.28	81.4	18.6623	-13.9577	0.5222
250	SLU 76	-1.16	1.34	80.8	18.5291	-13.8552	0.5284
250	SLU 77	-1.19	1.2	82.4	18.8852	-14.13	0.5134
250	SLU 78	-1.19	1.3	82.22	18.8486	-14.0975	0.5285
250	SLU 79	-1.18	1.19	81.93	18.7765	-14.0493	0.5095
250	SLU 80	-1.17	1.29	81.74	18.7398	-14.0167	0.5246
250	SLU 81	-1.17	1.23	82.86	18.9902	-14.2077	0.5139
250	SLU 82	-1.17	1.33	82.67	18.9536	-14.1752	0.5291
250	SLU 83	-1.19	1.25	83.68	19.1765	-14.3475	0.5202
250	SLU 84	-1.18	1.34	83.49	19.1398	-14.315	0.5354



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
250	SLE RA 1	-0.83	0.74	55.85	12.8038	-9.5819	0.34
250	SLE RA 2	-0.82	0.85	55.64	12.7631	-9.5457	0.3568
250	SLE RA 3	-0.85	0.76	56.71	13.0004	-9.7289	0.3468
250	SLE RA 4	-0.84	0.82	56.58	12.976	-9.7072	0.3569
250	SLE RA 5	-0.83	0.86	56.19	12.8872	-9.6389	0.361
250	SLE RA 6	-0.85	0.77	57.25	13.1246	-9.8221	0.351
250	SLE RA 7	-0.85	0.83	57.13	13.1002	-9.8004	0.3611
250	SLE RA 8	-0.85	0.76	56.94	13.0521	-9.7683	0.3484
250	SLE RA 9	-0.84	0.83	56.81	13.0277	-9.7466	0.3584
250	SLE RA 10	-0.85	0.95	59.63	13.675	-10.2271	0.3833
250	SLE RA 11	-0.88	0.86	60.7	13.9124	-10.4103	0.3734
250	SLE RA 12	-0.87	0.93	60.57	13.888	-10.3886	0.3834
250	SLE RA 13	-0.86	0.96	60.18	13.7992	-10.3203	0.3875
250	SLE RA 14	-0.88	0.87	61.24	14.0366	-10.5035	0.3776
250	SLE RA 15	-0.88	0.94	61.12	14.0122	-10.4818	0.3876
250	SLE RA 16	-0.88	0.87	60.93	13.9641	-10.4496	0.3749
250	SLE RA 17	-0.87	0.93	60.8	13.9396	-10.4279	0.385
250	SLE RA 18	-0.87	0.89	61.55	14.1066	-10.5553	0.3779
250	SLE RA 19	-0.87	0.96	61.42	14.0822	-10.5336	0.388
250	SLE RA 20	-0.88	0.9	62.09	14.2308	-10.6485	0.3821
250	SLE RA 21	-0.88	0.97	61.97	14.2063	-10.6268	0.3922
250	SLE FR 1	-0.83	0.74	55.85	12.8038	-9.5819	0.34
250	SLE FR 2	-0.83	0.76	55.8	12.7956	-9.5747	0.3433
250	SLE FR 3	-0.83	0.75	56.06	12.8534	-9.6192	0.3416
250	SLE FR 4	-0.84	0.81	57.51	13.1865	-9.8667	0.3547
250	SLE FR 5	-0.85	0.79	57.77	13.2443	-9.9112	0.353
250	SLE FR 6	-0.85	0.82	58.7	13.4552	-10.0686	0.3589
250	SLE QP 1	-0.83	0.74	55.85	12.8038	-9.5819	0.34
250	SLE QP 2	-0.84	0.79	57.56	13.1946	-9.8739	0.3513
250	SLD 1	3.35	1.67	74.76	17.1182	-12.7506	-0.5193
250	SLD 2	3.79	0.9	73.97	16.9522	-12.6156	-0.7691
250	SLD 3	3.46	-0.2	73.35	16.8227	-12.5118	-0.881
250	SLD 4	3.9	-0.97	72.56	16.6567	-12.3768	-1.1307
250	SLD 5	0.17	4.03	64.99	14.8497	-11.1233	0.6833
250	SLD 6	0.46	3.51	64.47	14.7404	-11.0344	0.5189
250	SLD 7	0.53	-2.2	60.31	13.8646	-10.3273	-0.522
250	SLD 8	0.82	-2.72	59.78	13.7553	-10.2384	-0.6865
250	SLD 9	-2.51	4.29	55.33	12.634	-9.5094	1.3892
250	SLD 10	-2.22	3.78	54.81	12.5247	-9.4205	1.2247
250	SLD 11	-2.15	-1.94	50.64	11.6489	-8.7134	0.1838
250	SLD 12	-1.85	-2.45	50.12	11.5396	-8.6245	0.0193
250	SLD 13	-5.58	2.55	42.55	9.7326	-7.371	1.8334
250	SLD 14	-5.14	1.77	41.76	9.5665	-7.236	1.5836
250	SLD 15	-5.47	0.68	41.14	9.437	-7.1322	1.4718
250	SLD 16	-5.03	-0.1	40.35	9.271	-6.9972	1.222
250	SLV 1	8.97	2.78	97.77	22.3696	-16.5998	-1.6996
250	SLV 2	9.99	0.97	95.93	21.983	-16.2854	-2.2811
250	SLV 3	9.22	-1.45	94.59	21.6991	-16.058	-2.519
250	SLV 4	10.24	-3.26	92.75	21.3125	-15.7437	-3.1006
250	SLV 5	1.54	8.12	74.77	17.0311	-12.7679	1.0798
250	SLV 6	2.21	6.95	73.58	16.7809	-12.5645	0.7035
250	SLV 7	2.38	-5.99	64.15	14.7962	-10.962	-1.6517
250	SLV 8	3.04	-7.16	62.96	14.546	-10.7586	-2.028
250	SLV 9	-4.72	8.74	52.15	11.8433	-8.9892	2.7307
250	SLV 10	-4.06	7.56	50.96	11.5931	-8.7858	2.3544
250	SLV 11	-3.89	-5.38	41.53	9.6083	-7.1833	-0.0009
250	SLV 12	-3.23	-6.55	40.34	9.3582	-6.9799	-0.3772
250	SLV 13	-11.93	4.83	22.36	5.0768	-4.0041	3.8033
250	SLV 14	-10.9	3.02	20.52	4.6901	-3.6898	3.2217
250	SLV 15	-11.68	0.6	19.18	4.4063	-3.4624	2.9838
250	SLV 16	-10.65	-1.21	17.34	4.0197	-3.148	2.4022
250	CRTFP Ux+	0	0	0	0	0	0
250	CRTFP Ux-	0	0	0	0	0	0
250	CRTFP Uy+	0	0	0	0	0	0
250	CRTFP Uy-	0	0	0	0	0	0
252	SLU 1	-0.59	0.49	37.32	10.2479	-0.9568	0.2178
252	SLU 2	-0.57	0.59	37.11	10.2114	-0.9515	0.2151
252	SLU 3	-0.6	0.51	38.2	10.4868	-0.9793	0.2245
252	SLU 4	-0.6	0.57	38.08	10.4649	-0.9761	0.2229
252	SLU 5	-0.58	0.6	37.67	10.3621	-0.9658	0.2189
252	SLU 6	-0.61	0.52	38.76	10.6375	-0.9936	0.2283
252	SLU 7	-0.61	0.58	38.64	10.6156	-0.9904	0.2267
252	SLU 8	-0.61	0.51	38.44	10.5493	-0.9853	0.2254
252	SLU 9	-0.6	0.57	38.31	10.5274	-0.9822	0.2238
252	SLU 10	-0.6	0.71	41.22	11.3177	-1.0562	0.2293
252	SLU 11	-0.64	0.62	42.31	11.5931	-1.084	0.2387
252	SLU 12	-0.63	0.68	42.18	11.5712	-1.0808	0.2371
252	SLU 13	-0.61	0.72	41.78	11.4684	-1.0704	0.2331
252	SLU 14	-0.65	0.63	42.87	11.7438	-1.0983	0.2425
252	SLU 15	-0.64	0.69	42.75	11.7219	-1.0951	0.2409
252	SLU 16	-0.64	0.63	42.54	11.6555	-1.09	0.2395
252	SLU 17	-0.63	0.69	42.42	11.6337	-1.0869	0.238
252	SLU 18	-0.63	0.65	43.18	11.8282	-1.1063	0.238
252	SLU 19	-0.62	0.71	43.06	11.8064	-1.1031	0.2364
252	SLU 20	-0.64	0.66	43.74	11.9789	-1.1206	0.2418
252	SLU 21	-0.63	0.72	43.62	11.9571	-1.1174	0.2402
252	SLU 22	-0.66	0.6	41.41	11.3563	-1.061	0.2476
252	SLU 23	-0.65	0.7	41.21	11.3199	-1.0557	0.245
252	SLU 24	-0.68	0.61	42.3	11.5953	-1.0835	0.2543



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
252	SLU 25	-0.67	0.67	42.18	11.5734	-1.0803	0.2527
252	SLU 26	-0.66	0.71	41.77	11.4706	-1.07	0.2488
252	SLU 27	-0.69	0.62	42.86	11.746	-1.0978	0.2581
252	SLU 28	-0.68	0.68	42.74	11.7241	-1.0946	0.2565
252	SLU 29	-0.68	0.62	42.54	11.6577	-1.0895	0.2552
252	SLU 30	-0.68	0.68	42.41	11.6358	-1.0864	0.2536
252	SLU 31	-0.68	0.81	45.32	12.4261	-1.1603	0.2591
252	SLU 32	-0.71	0.72	46.41	12.7015	-1.1882	0.2685
252	SLU 33	-0.71	0.79	46.28	12.6797	-1.185	0.2669
252	SLU 34	-0.69	0.82	45.88	12.5768	-1.1746	0.2629
252	SLU 35	-0.72	0.74	46.97	12.8522	-1.2025	0.2723
252	SLU 36	-0.72	0.8	46.84	12.8303	-1.1993	0.2707
252	SLU 37	-0.72	0.73	46.64	12.764	-1.1942	0.2694
252	SLU 38	-0.71	0.79	46.52	12.7421	-1.191	0.2678
252	SLU 39	-0.71	0.76	47.28	12.9367	-1.2105	0.2678
252	SLU 40	-0.7	0.82	47.16	12.9148	-1.2073	0.2662
252	SLU 41	-0.72	0.77	47.84	13.0874	-1.2248	0.2716
252	SLU 42	-0.71	0.83	47.72	13.0655	-1.2216	0.27
252	SLU 43	-0.74	0.6	47.1	12.9422	-1.2081	0.2729
252	SLU 44	-0.72	0.71	46.9	12.9058	-1.2028	0.2702
252	SLU 45	-0.75	0.62	47.99	13.1811	-1.2306	0.2796
252	SLU 46	-0.75	0.68	47.87	13.1593	-1.2274	0.278
252	SLU 47	-0.73	0.72	47.46	13.0564	-1.2171	0.274
252	SLU 48	-0.76	0.63	48.55	13.3318	-1.2449	0.2834
252	SLU 49	-0.76	0.69	48.43	13.31	-1.2417	0.2818
252	SLU 50	-0.76	0.62	48.23	13.2436	-1.2366	0.2805
252	SLU 51	-0.75	0.69	48.1	13.2217	-1.2335	0.2789
252	SLU 52	-0.75	0.82	51.01	14.012	-1.3075	0.2844
252	SLU 53	-0.79	0.73	52.1	14.2874	-1.3353	0.2938
252	SLU 54	-0.78	0.79	51.97	14.2655	-1.3321	0.2922
252	SLU 55	-0.76	0.83	51.57	14.1627	-1.3218	0.2882
252	SLU 56	-0.8	0.74	52.66	14.4381	-1.3496	0.2976
252	SLU 57	-0.79	0.8	52.53	14.4162	-1.3464	0.296
252	SLU 58	-0.79	0.74	52.33	14.3498	-1.3413	0.2946
252	SLU 59	-0.78	0.8	52.21	14.328	-1.3382	0.2931
252	SLU 60	-0.78	0.76	52.97	14.5226	-1.3576	0.2931
252	SLU 61	-0.77	0.83	52.85	14.5007	-1.3544	0.2915
252	SLU 62	-0.79	0.78	53.53	14.6733	-1.3719	0.2969
252	SLU 63	-0.78	0.84	53.41	14.6514	-1.3687	0.2953
252	SLU 64	-0.81	0.71	51.2	14.0506	-1.3123	0.3027
252	SLU 65	-0.8	0.81	51	14.0142	-1.307	0.3001
252	SLU 66	-0.83	0.72	52.09	14.2896	-1.3348	0.3094
252	SLU 67	-0.82	0.78	51.97	14.2677	-1.3316	0.3078
252	SLU 68	-0.81	0.82	51.56	14.1649	-1.3213	0.3039
252	SLU 69	-0.84	0.73	52.65	14.4403	-1.3491	0.3132
252	SLU 70	-0.83	0.8	52.53	14.4184	-1.3459	0.3116
252	SLU 71	-0.83	0.73	52.32	14.352	-1.3408	0.3103
252	SLU 72	-0.83	0.79	52.2	14.3302	-1.3377	0.3087
252	SLU 73	-0.83	0.92	55.1	15.1205	-1.4117	0.3142
252	SLU 74	-0.86	0.84	56.2	15.3958	-1.4395	0.3236
252	SLU 75	-0.86	0.9	56.07	15.374	-1.4363	0.322
252	SLU 76	-0.84	0.93	55.67	15.2712	-1.4259	0.318
252	SLU 77	-0.87	0.85	56.76	15.5465	-1.4538	0.3274
252	SLU 78	-0.87	0.91	56.63	15.5247	-1.4506	0.3258
252	SLU 79	-0.87	0.84	56.43	15.4583	-1.4455	0.3245
252	SLU 80	-0.86	0.9	56.31	15.4364	-1.4424	0.3229
252	SLU 81	-0.86	0.87	57.07	15.631	-1.4618	0.3229
252	SLU 82	-0.85	0.93	56.95	15.6091	-1.4586	0.3213
252	SLU 83	-0.87	0.88	57.63	15.7817	-1.4761	0.3267
252	SLU 84	-0.86	0.94	57.51	15.7598	-1.4729	0.3251
252	SLE RA 1	-0.61	0.52	38.49	10.5646	-0.9865	0.2263
252	SLE RA 2	-0.6	0.59	38.35	10.5403	-0.983	0.2245
252	SLE RA 3	-0.62	0.53	39.08	10.7239	-1.0016	0.2308
252	SLE RA 4	-0.62	0.57	38.99	10.7093	-0.9994	0.2297
252	SLE RA 5	-0.61	0.6	38.72	10.6407	-0.9925	0.2271
252	SLE RA 6	-0.63	0.54	39.45	10.8243	-1.0111	0.2333
252	SLE RA 7	-0.62	0.58	39.37	10.8098	-1.009	0.2323
252	SLE RA 8	-0.62	0.54	39.23	10.7655	-1.0056	0.2314
252	SLE RA 9	-0.62	0.58	39.15	10.7509	-1.0035	0.2303
252	SLE RA 10	-0.62	0.66	41.09	11.2778	-1.0528	0.234
252	SLE RA 11	-0.64	0.61	41.81	11.4614	-1.0713	0.2402
252	SLE RA 12	-0.64	0.65	41.73	11.4468	-1.0692	0.2392
252	SLE RA 13	-0.63	0.67	41.46	11.3782	-1.0623	0.2365
252	SLE RA 14	-0.65	0.61	42.19	11.5618	-1.0809	0.2427
252	SLE RA 15	-0.64	0.66	42.11	11.5473	-1.0788	0.2417
252	SLE RA 16	-0.64	0.61	41.97	11.503	-1.0754	0.2408
252	SLE RA 17	-0.64	0.65	41.89	11.4884	-1.0733	0.2397
252	SLE RA 18	-0.64	0.63	42.4	11.6182	-1.0862	0.2398
252	SLE RA 19	-0.63	0.67	42.32	11.6036	-1.0841	0.2387
252	SLE RA 20	-0.65	0.64	42.77	11.7186	-1.0958	0.2423
252	SLE RA 21	-0.64	0.68	42.69	11.704	-1.0936	0.2413
252	SLE FR 1	-0.61	0.52	38.49	10.5646	-0.9865	0.2263
252	SLE FR 2	-0.61	0.53	38.46	10.5597	-0.9858	0.2259
252	SLE FR 3	-0.61	0.52	38.64	10.6048	-0.9903	0.2273
252	SLE FR 4	-0.62	0.57	39.63	10.8758	-1.0157	0.23
252	SLE FR 5	-0.62	0.56	39.81	10.9208	-1.0203	0.2313
252	SLE FR 6	-0.62	0.57	40.44	11.0914	-1.0364	0.233
252	SLE QP 1	-0.61	0.52	38.49	10.5646	-0.9865	0.2263
252	SLE QP 2	-0.62	0.55	39.66	10.8806	-1.0164	0.2303



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
252	SLD 1	2.51	1.2	51.2	14.0643	-1.3003	-0.846
252	SLD 2	2.82	0.66	50.68	13.934	-1.2873	-0.9708
252	SLD 3	2.57	-0.14	50.27	13.8337	-1.2773	-0.8995
252	SLD 4	2.89	-0.68	49.75	13.7034	-1.2643	-1.0243
252	SLD 5	0.17	2.88	44.62	12.2088	-1.1388	0.011
252	SLD 6	0.38	2.52	44.28	12.123	-1.1302	-0.0712
252	SLD 7	0.38	-1.59	41.53	11.4402	-1.0622	-0.1675
252	SLD 8	0.59	-1.95	41.19	11.3544	-1.0536	-0.2496
252	SLD 9	-1.82	3.05	38.13	10.4069	-0.9792	0.7103
252	SLD 10	-1.61	2.69	37.79	10.3211	-0.9707	0.6281
252	SLD 11	-1.61	-1.41	35.04	9.6383	-0.9027	0.5318
252	SLD 12	-1.4	-1.77	34.7	9.5525	-0.8941	0.4497
252	SLD 13	-4.12	1.79	29.57	8.0579	-0.7685	1.485
252	SLD 14	-3.81	1.24	29.05	7.9276	-0.7555	1.3602
252	SLD 15	-4.06	0.45	28.64	7.8273	-0.7456	1.4314
252	SLD 16	-3.74	-0.1	28.12	7.697	-0.7326	1.3067
252	SLV 1	6.69	2.02	66.65	18.3257	-1.6802	-2.2896
252	SLV 2	7.43	0.74	65.43	18.0222	-1.6499	-2.5802
252	SLV 3	6.84	-1.01	64.54	17.8027	-1.6281	-2.4115
252	SLV 4	7.57	-2.29	63.32	17.4991	-1.5978	-2.7021
252	SLV 5	1.23	5.81	51.16	13.9601	-1.2998	-0.2903
252	SLV 6	1.7	4.99	50.37	13.7637	-1.2802	-0.4784
252	SLV 7	1.71	-4.29	44.15	12.2167	-1.1262	-0.6967
252	SLV 8	2.19	-5.12	43.36	12.0203	-1.1066	-0.8847
252	SLV 9	-3.43	6.23	35.96	9.741	-0.9263	1.3454
252	SLV 10	-2.95	5.4	35.17	9.5446	-0.9067	1.1573
252	SLV 11	-2.94	-3.88	28.95	7.9976	-0.7527	0.939
252	SLV 12	-2.46	-4.71	28.16	7.8012	-0.7331	0.751
252	SLV 13	-8.81	3.4	15.99	4.2622	-0.4351	3.1627
252	SLV 14	-8.07	2.12	14.78	3.9586	-0.4048	2.8721
252	SLV 15	-8.66	0.36	13.89	3.7391	-0.383	3.0408
252	SLV 16	-7.93	-0.91	12.67	3.4356	-0.3527	2.7502
252	CRTFP Ux+	0	0	0	0	0	0
252	CRTFP Ux-	0	0	0	0	0	0
252	CRTFP Uy+	0	0	0	0	0	0
252	CRTFP Uy-	0	0	0	0	0	0
253	SLU 1	-0.68	0.51	39.82	9.3269	0.1133	0.2372
253	SLU 2	-0.67	0.6	39.6	9.312	0.1127	0.2303
253	SLU 3	-0.71	0.53	40.76	9.5387	0.1162	0.2445
253	SLU 4	-0.7	0.58	40.62	9.5298	0.1158	0.2404
253	SLU 5	-0.68	0.61	40.19	9.4458	0.1145	0.2343
253	SLU 6	-0.72	0.54	41.35	9.6724	0.118	0.2486
253	SLU 7	-0.71	0.59	41.22	9.6636	0.1177	0.2444
253	SLU 8	-0.71	0.53	41.01	9.5943	0.1169	0.2453
253	SLU 9	-0.7	0.59	40.88	9.5854	0.1165	0.2412
253	SLU 10	-0.71	0.72	43.96	10.29	0.1259	0.2431
253	SLU 11	-0.74	0.65	45.11	10.5167	0.1295	0.2573
253	SLU 12	-0.73	0.7	44.98	10.5078	0.1291	0.2532
253	SLU 13	-0.72	0.73	44.55	10.4237	0.1278	0.2471
253	SLU 14	-0.75	0.66	45.71	10.6504	0.1313	0.2614
253	SLU 15	-0.74	0.71	45.58	10.6415	0.1309	0.2572
253	SLU 16	-0.75	0.65	45.37	10.5722	0.1302	0.2581
253	SLU 17	-0.74	0.71	45.23	10.5633	0.1298	0.254
253	SLU 18	-0.74	0.68	46.04	10.7239	0.1322	0.2555
253	SLU 19	-0.73	0.74	45.91	10.715	0.1319	0.2513
253	SLU 20	-0.75	0.69	46.64	10.8576	0.134	0.2596
253	SLU 21	-0.74	0.75	46.51	10.8487	0.1337	0.2554
253	SLU 22	-0.77	0.62	44.16	10.3071	0.1269	0.2685
253	SLU 23	-0.76	0.71	43.94	10.2922	0.1263	0.2616
253	SLU 24	-0.8	0.64	45.09	10.5189	0.1299	0.2758
253	SLU 25	-0.79	0.69	44.96	10.51	0.1295	0.2717
253	SLU 26	-0.77	0.72	44.53	10.4259	0.1281	0.2656
253	SLU 27	-0.81	0.65	45.69	10.6526	0.1317	0.2799
253	SLU 28	-0.8	0.7	45.56	10.6437	0.1313	0.2757
253	SLU 29	-0.8	0.65	45.35	10.5745	0.1306	0.2766
253	SLU 30	-0.79	0.7	45.21	10.5656	0.1302	0.2725
253	SLU 31	-0.8	0.83	48.29	11.2702	0.1396	0.2744
253	SLU 32	-0.83	0.76	49.45	11.4969	0.1431	0.2886
253	SLU 33	-0.82	0.81	49.32	11.488	0.1428	0.2845
253	SLU 34	-0.81	0.84	48.89	11.4039	0.1414	0.2784
253	SLU 35	-0.85	0.77	50.05	11.6306	0.145	0.2927
253	SLU 36	-0.84	0.82	49.91	11.6217	0.1446	0.2885
253	SLU 37	-0.84	0.77	49.7	11.5524	0.1438	0.2894
253	SLU 38	-0.83	0.82	49.57	11.5435	0.1435	0.2853
253	SLU 39	-0.83	0.8	50.38	11.7041	0.1459	0.2868
253	SLU 40	-0.82	0.85	50.25	11.6952	0.1455	0.2826
253	SLU 41	-0.84	0.81	50.98	11.8378	0.1477	0.2909
253	SLU 42	-0.83	0.86	50.84	11.8289	0.1473	0.2867
253	SLU 43	-0.86	0.62	50.28	11.7889	0.1426	0.2977
253	SLU 44	-0.84	0.71	50.06	11.774	0.1419	0.2907
253	SLU 45	-0.88	0.64	51.22	12.0007	0.1455	0.305
253	SLU 46	-0.87	0.69	51.08	11.9918	0.1451	0.3008
253	SLU 47	-0.85	0.72	50.65	11.9077	0.1438	0.2948
253	SLU 48	-0.89	0.65	51.81	12.1344	0.1473	0.309
253	SLU 49	-0.88	0.71	51.68	12.1255	0.1469	0.3049
253	SLU 50	-0.88	0.65	51.47	12.0563	0.1462	0.3058
253	SLU 51	-0.87	0.7	51.34	12.0474	0.1458	0.3016
253	SLU 52	-0.88	0.83	54.42	12.752	0.1552	0.3035
253	SLU 53	-0.92	0.76	55.57	12.9787	0.1588	0.3178



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
253	SLU 54	-0.91	0.82	55.44	12.9698	0.1584	0.3136
253	SLU 55	-0.89	0.85	55.01	12.8857	0.157	0.3076
253	SLU 56	-0.93	0.77	56.17	13.1124	0.1606	0.3218
253	SLU 57	-0.92	0.83	56.04	13.1035	0.1602	0.3176
253	SLU 58	-0.92	0.77	55.83	13.0342	0.1595	0.3186
253	SLU 59	-0.91	0.82	55.69	13.0253	0.1591	0.3144
253	SLU 60	-0.91	0.8	56.5	13.1859	0.1615	0.316
253	SLU 61	-0.9	0.85	56.37	13.177	0.1612	0.3118
253	SLU 62	-0.92	0.81	57.1	13.3196	0.1633	0.32
253	SLU 63	-0.91	0.86	56.97	13.3107	0.163	0.3158
253	SLU 64	-0.95	0.74	54.61	12.7691	0.1562	0.329
253	SLU 65	-0.93	0.83	54.39	12.7542	0.1556	0.322
253	SLU 66	-0.97	0.75	55.55	12.9809	0.1592	0.3363
253	SLU 67	-0.96	0.81	55.42	12.972	0.1588	0.3321
253	SLU 68	-0.94	0.84	54.99	12.8879	0.1574	0.3261
253	SLU 69	-0.98	0.76	56.15	13.1146	0.161	0.3403
253	SLU 70	-0.97	0.82	56.02	13.1057	0.1606	0.3361
253	SLU 71	-0.97	0.76	55.8	13.0365	0.1599	0.3371
253	SLU 72	-0.96	0.81	55.67	13.0276	0.1595	0.3329
253	SLU 73	-0.97	0.95	58.75	13.7322	0.1689	0.3348
253	SLU 74	-1.01	0.87	59.91	13.9589	0.1724	0.3491
253	SLU 75	-1	0.93	59.78	13.95	0.1721	0.3449
253	SLU 76	-0.98	0.96	59.35	13.8659	0.1707	0.3389
253	SLU 77	-1.02	0.89	60.51	14.0926	0.1742	0.3531
253	SLU 78	-1.01	0.94	60.37	14.0837	0.1739	0.3489
253	SLU 79	-1.01	0.88	60.16	14.0144	0.1731	0.3499
253	SLU 80	-1	0.93	60.03	14.0055	0.1728	0.3457
253	SLU 81	-1	0.91	60.84	14.1661	0.1752	0.3473
253	SLU 82	-0.99	0.96	60.71	14.1572	0.1748	0.3431
253	SLU 83	-1.01	0.92	61.44	14.2998	0.177	0.3513
253	SLU 84	-1	0.97	61.3	14.2909	0.1766	0.3471
253	SLE RA 1	-0.71	0.54	41.06	9.6069	0.1172	0.2462
253	SLE RA 2	-0.7	0.6	40.91	9.597	0.1168	0.2415
253	SLE RA 3	-0.72	0.55	41.68	9.7482	0.1191	0.251
253	SLE RA 4	-0.72	0.59	41.6	9.7422	0.1189	0.2483
253	SLE RA 5	-0.71	0.61	41.31	9.6862	0.118	0.2442
253	SLE RA 6	-0.73	0.56	42.08	9.8373	0.1203	0.2538
253	SLE RA 7	-0.73	0.6	41.99	9.8314	0.1201	0.251
253	SLE RA 8	-0.73	0.56	41.85	9.7852	0.1196	0.2516
253	SLE RA 9	-0.72	0.59	41.76	9.7793	0.1194	0.2488
253	SLE RA 10	-0.72	0.68	43.82	10.249	0.1256	0.2501
253	SLE RA 11	-0.75	0.63	44.59	10.4001	0.128	0.2596
253	SLE RA 12	-0.74	0.67	44.5	10.3942	0.1277	0.2568
253	SLE RA 13	-0.73	0.69	44.21	10.3381	0.1268	0.2528
253	SLE RA 14	-0.76	0.64	44.99	10.4893	0.1292	0.2623
253	SLE RA 15	-0.75	0.68	44.9	10.4833	0.1289	0.2595
253	SLE RA 16	-0.75	0.64	44.76	10.4372	0.1284	0.2601
253	SLE RA 17	-0.74	0.67	44.67	10.4312	0.1282	0.2573
253	SLE RA 18	-0.75	0.66	45.21	10.5383	0.1298	0.2584
253	SLE RA 19	-0.74	0.69	45.12	10.5324	0.1296	0.2556
253	SLE RA 20	-0.75	0.67	45.61	10.6274	0.131	0.2611
253	SLE RA 21	-0.75	0.7	45.52	10.6215	0.1308	0.2583
253	SLE FR 1	-0.71	0.54	41.06	9.6069	0.1172	0.2462
253	SLE FR 2	-0.71	0.55	41.03	9.6049	0.1171	0.2452
253	SLE FR 3	-0.71	0.55	41.22	9.6426	0.1176	0.2473
253	SLE FR 4	-0.72	0.59	42.27	9.8844	0.1209	0.2489
253	SLE FR 5	-0.72	0.58	42.46	9.922	0.1214	0.2509
253	SLE FR 6	-0.73	0.6	43.13	10.0726	0.1235	0.2523
253	SLE QP 1	-0.71	0.54	41.06	9.6069	0.1172	0.2462
253	SLE QP 2	-0.72	0.58	42.3	9.8863	0.121	0.2498
253	SLD 1	2.9	1.29	54.1	12.6953	0.1744	-1.0207
253	SLD 2	3.27	0.71	53.56	12.5804	0.1722	-1.1471
253	SLD 3	2.98	-0.16	53.15	12.4881	0.1702	-1.0432
253	SLD 4	3.34	-0.74	52.61	12.3733	0.168	-1.1696
253	SLD 5	0.19	3.1	47.39	11.0637	0.1437	-0.0745
253	SLD 6	0.43	2.72	47.03	10.9881	0.1423	-0.1578
253	SLD 7	0.43	-1.74	44.21	10.3733	0.1298	-0.1495
253	SLD 8	0.67	-2.13	43.85	10.2977	0.1283	-0.2328
253	SLD 9	-2.12	3.28	40.76	9.475	0.1136	0.7325
253	SLD 10	-1.87	2.9	40.4	9.3994	0.1121	0.6492
253	SLD 11	-1.88	-1.56	37.57	8.7845	0.0996	0.6574
253	SLD 12	-1.63	-1.95	37.22	8.7089	0.0982	0.5742
253	SLD 13	-4.79	1.89	32	7.3994	0.0739	1.6693
253	SLD 14	-4.42	1.31	31.46	7.2845	0.0717	1.5428
253	SLD 15	-4.71	0.44	31.04	7.1922	0.0697	1.6468
253	SLD 16	-4.35	-0.14	30.5	7.0774	0.0675	1.5203
253	SLV 1	7.76	2.2	69.89	16.4551	0.2459	-2.7227
253	SLV 2	8.62	0.84	68.63	16.1877	0.2408	-3.0172
253	SLV 3	7.93	-1.1	67.72	15.9848	0.2364	-2.7751
253	SLV 4	8.78	-2.45	66.47	15.7174	0.2312	-3.0696
253	SLV 5	1.42	6.29	54.08	12.6166	0.1738	-0.5114
253	SLV 6	1.98	5.42	53.27	12.4436	0.1705	-0.702
253	SLV 7	1.98	-4.68	46.86	11.049	0.142	-0.686
253	SLV 8	2.53	-5.56	46.05	10.876	0.1387	-0.8765
253	SLV 9	-3.97	6.72	38.56	8.8966	0.1032	1.3762
253	SLV 10	-3.42	5.84	37.74	8.7236	0.0999	1.1856
253	SLV 11	-3.42	-4.26	31.34	7.3291	0.0714	1.2016
253	SLV 12	-2.86	-5.14	30.52	7.1561	0.0681	1.0111
253	SLV 13	-10.23	3.61	18.14	4.0552	0.0107	3.5693



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
253	SLV 14	-9.37	2.25	16.88	3.7878	0.0055	3.2748
253	SLV 15	-10.06	0.31	15.97	3.585	0.0011	3.5169
253	SLV 16	-9.2	-1.04	14.72	3.3176	-0.004	3.2224
253	CRTFP Ux+	0	0	0	0	0	0
253	CRTFP Ux-	0	0	0	0	0	0
253	CRTFP Uy+	0	0	0	0	0	0
253	CRTFP Uy-	0	0	0	0	0	0
254	SLU 1	-0.69	0.44	36.77	7.1684	0.0905	0.2386
254	SLU 2	-0.67	0.49	36.56	7.1805	0.09	0.2311
254	SLU 3	-0.71	0.45	37.62	7.3252	0.0929	0.2459
254	SLU 4	-0.7	0.48	37.5	7.3325	0.0926	0.2414
254	SLU 5	-0.68	0.5	37.11	7.2796	0.0915	0.2352
254	SLU 6	-0.72	0.46	38.17	7.4244	0.0943	0.25
254	SLU 7	-0.71	0.49	38.05	7.4316	0.094	0.2455
254	SLU 8	-0.71	0.45	37.86	7.3666	0.0934	0.2467
254	SLU 9	-0.7	0.49	37.73	7.3739	0.0931	0.2422
254	SLU 10	-0.71	0.6	40.56	7.9011	0.1006	0.2441
254	SLU 11	-0.75	0.56	41.63	8.0459	0.1034	0.2588
254	SLU 12	-0.74	0.59	41.5	8.0531	0.1031	0.2544
254	SLU 13	-0.72	0.61	41.11	8.0002	0.102	0.2481
254	SLU 14	-0.76	0.57	42.17	8.145	0.1048	0.2629
254	SLU 15	-0.75	0.6	42.05	8.1522	0.1046	0.2584
254	SLU 16	-0.75	0.56	41.86	8.0873	0.104	0.2596
254	SLU 17	-0.74	0.6	41.74	8.0945	0.1037	0.2552
254	SLU 18	-0.74	0.59	42.48	8.1979	0.1056	0.2571
254	SLU 19	-0.73	0.63	42.36	8.2051	0.1053	0.2526
254	SLU 20	-0.76	0.6	43.03	8.297	0.107	0.2611
254	SLU 21	-0.74	0.64	42.91	8.3042	0.1067	0.2567
254	SLU 22	-0.78	0.54	40.73	7.8907	0.1015	0.2701
254	SLU 23	-0.76	0.6	40.53	7.9028	0.101	0.2626
254	SLU 24	-0.8	0.55	41.59	8.0476	0.1038	0.2774
254	SLU 25	-0.79	0.59	41.47	8.0548	0.1035	0.2729
254	SLU 26	-0.77	0.61	41.08	8.0019	0.1024	0.2667
254	SLU 27	-0.81	0.56	42.14	8.1467	0.1053	0.2814
254	SLU 28	-0.8	0.6	42.02	8.1539	0.105	0.277
254	SLU 29	-0.8	0.56	41.83	8.089	0.1044	0.2782
254	SLU 30	-0.79	0.59	41.7	8.0962	0.1041	0.2737
254	SLU 31	-0.8	0.71	44.53	8.6234	0.1115	0.2756
254	SLU 32	-0.84	0.66	45.59	8.7682	0.1143	0.2903
254	SLU 33	-0.83	0.7	45.47	8.7754	0.1141	0.2859
254	SLU 34	-0.81	0.72	45.08	8.7225	0.113	0.2796
254	SLU 35	-0.85	0.67	46.14	8.8673	0.1158	0.2944
254	SLU 36	-0.84	0.71	46.02	8.8745	0.1155	0.2899
254	SLU 37	-0.84	0.67	45.83	8.8096	0.1149	0.2911
254	SLU 38	-0.83	0.7	45.7	8.8168	0.1146	0.2867
254	SLU 39	-0.83	0.7	46.45	8.9202	0.1165	0.2885
254	SLU 40	-0.82	0.73	46.33	8.9274	0.1162	0.2841
254	SLU 41	-0.85	0.7	47	9.0193	0.118	0.2926
254	SLU 42	-0.84	0.74	46.87	9.0265	0.1177	0.2882
254	SLU 43	-0.86	0.53	46.43	9.0713	0.1139	0.2993
254	SLU 44	-0.85	0.59	46.23	9.0833	0.1134	0.2919
254	SLU 45	-0.89	0.54	47.29	9.2281	0.1162	0.3067
254	SLU 46	-0.87	0.58	47.17	9.2353	0.116	0.3022
254	SLU 47	-0.86	0.6	46.78	9.1824	0.1149	0.296
254	SLU 48	-0.9	0.55	47.84	9.3272	0.1177	0.3107
254	SLU 49	-0.89	0.59	47.72	9.3345	0.1174	0.3063
254	SLU 50	-0.89	0.55	47.53	9.2695	0.1168	0.3075
254	SLU 51	-0.88	0.58	47.4	9.2767	0.1165	0.303
254	SLU 52	-0.88	0.7	50.23	9.8039	0.124	0.3048
254	SLU 53	-0.92	0.65	51.29	9.9487	0.1268	0.3196
254	SLU 54	-0.91	0.69	51.17	9.956	0.1265	0.3151
254	SLU 55	-0.9	0.71	50.78	9.9031	0.1254	0.3089
254	SLU 56	-0.94	0.66	51.84	10.0478	0.1282	0.3237
254	SLU 57	-0.92	0.7	51.72	10.0551	0.128	0.3192
254	SLU 58	-0.93	0.66	51.53	9.9901	0.1273	0.3204
254	SLU 59	-0.92	0.69	51.41	9.9974	0.1271	0.316
254	SLU 60	-0.92	0.69	52.15	10.1007	0.129	0.3178
254	SLU 61	-0.91	0.72	52.03	10.108	0.1287	0.3134
254	SLU 62	-0.93	0.7	52.7	10.1998	0.1304	0.3219
254	SLU 63	-0.92	0.73	52.57	10.2071	0.1301	0.3174
254	SLU 64	-0.96	0.63	50.4	9.7936	0.1248	0.3308
254	SLU 65	-0.94	0.69	50.2	9.8056	0.1244	0.3234
254	SLU 66	-0.98	0.65	51.26	9.9504	0.1272	0.3382
254	SLU 67	-0.97	0.68	51.14	9.9577	0.1269	0.3337
254	SLU 68	-0.95	0.7	50.74	9.9048	0.1258	0.3275
254	SLU 69	-0.99	0.66	51.81	10.0495	0.1287	0.3422
254	SLU 70	-0.98	0.69	51.69	10.0568	0.1284	0.3378
254	SLU 71	-0.98	0.65	51.49	9.9918	0.1278	0.339
254	SLU 72	-0.97	0.69	51.37	9.9991	0.1275	0.3345
254	SLU 73	-0.98	0.8	54.2	10.5263	0.1349	0.3363
254	SLU 74	-1.02	0.76	55.26	10.671	0.1377	0.3511
254	SLU 75	-1	0.79	55.14	10.6783	0.1375	0.3466
254	SLU 76	-0.99	0.81	54.75	10.6254	0.1364	0.3404
254	SLU 77	-1.03	0.77	55.81	10.7702	0.1392	0.3552
254	SLU 78	-1.02	0.8	55.69	10.7774	0.1389	0.3507
254	SLU 79	-1.02	0.76	55.5	10.7124	0.1383	0.3519
254	SLU 80	-1.01	0.8	55.37	10.7197	0.138	0.3474
254	SLU 81	-1.01	0.79	56.12	10.823	0.1399	0.3493
254	SLU 82	-1	0.83	56	10.8303	0.1396	0.3449



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
254	SLU 83	-1.02	0.8	56.66	10.9222	0.1414	0.3534
254	SLU 84	-1.01	0.83	56.54	10.9294	0.1411	0.3489
254	SLE RA 1	-0.72	0.47	37.9	7.3748	0.0936	0.2476
254	SLE RA 2	-0.7	0.5	37.76	7.3828	0.0933	0.2426
254	SLE RA 3	-0.73	0.47	38.47	7.4793	0.0952	0.2524
254	SLE RA 4	-0.72	0.5	38.39	7.4842	0.095	0.2495
254	SLE RA 5	-0.71	0.51	38.13	7.4489	0.0943	0.2453
254	SLE RA 6	-0.74	0.48	38.84	7.5454	0.0962	0.2552
254	SLE RA 7	-0.73	0.5	38.75	7.5502	0.096	0.2522
254	SLE RA 8	-0.73	0.48	38.63	7.5069	0.0956	0.253
254	SLE RA 9	-0.72	0.5	38.55	7.5118	0.0954	0.25
254	SLE RA 10	-0.73	0.58	40.43	7.8632	0.1003	0.2512
254	SLE RA 11	-0.75	0.55	41.14	7.9597	0.1022	0.2611
254	SLE RA 12	-0.75	0.57	41.06	7.9646	0.102	0.2581
254	SLE RA 13	-0.74	0.58	40.79	7.9293	0.1013	0.2539
254	SLE RA 14	-0.76	0.55	41.5	8.0258	0.1032	0.2638
254	SLE RA 15	-0.76	0.58	41.42	8.0307	0.103	0.2608
254	SLE RA 16	-0.76	0.55	41.29	7.9873	0.1026	0.2616
254	SLE RA 17	-0.75	0.57	41.21	7.9922	0.1024	0.2586
254	SLE RA 18	-0.75	0.57	41.71	8.0611	0.1037	0.2599
254	SLE RA 19	-0.74	0.59	41.63	8.0659	0.1035	0.2569
254	SLE RA 20	-0.76	0.58	42.07	8.1272	0.1046	0.2626
254	SLE RA 21	-0.75	0.6	41.99	8.132	0.1044	0.2596
254	SLE FR 1	-0.72	0.47	37.9	7.3748	0.0936	0.2476
254	SLE FR 2	-0.71	0.47	37.87	7.3764	0.0936	0.2466
254	SLE FR 3	-0.72	0.47	38.05	7.4012	0.094	0.2486
254	SLE FR 4	-0.72	0.5	39.02	7.5823	0.0966	0.2503
254	SLE FR 5	-0.73	0.5	39.19	7.6071	0.097	0.2523
254	SLE FR 6	-0.73	0.52	39.8	7.7179	0.0987	0.2537
254	SLE QP 1	-0.72	0.47	37.9	7.3748	0.0936	0.2476
254	SLE QP 2	-0.73	0.5	39.04	7.5807	0.0966	0.2513
254	SLD 1	2.91	1.16	49.36	9.6309	0.1425	-1.022
254	SLD 2	3.27	0.63	48.88	9.5478	0.1406	-1.1486
254	SLD 3	2.98	-0.19	48.51	9.4658	0.139	-1.0442
254	SLD 4	3.34	-0.72	48.03	9.3827	0.1371	-1.1708
254	SLD 5	0.19	2.83	43.51	8.4611	0.116	-0.0744
254	SLD 6	0.43	2.49	43.19	8.4064	0.1148	-0.1578
254	SLD 7	0.43	-1.66	40.69	7.9106	0.1044	-0.1483
254	SLD 8	0.67	-2.01	40.37	7.8559	0.1032	-0.2317
254	SLD 9	-2.12	3	37.71	7.3054	0.0901	0.7342
254	SLD 10	-1.88	2.65	37.4	7.2507	0.0889	0.6508
254	SLD 11	-1.88	-1.49	34.89	6.755	0.0785	0.6603
254	SLD 12	-1.64	-1.84	34.58	6.7002	0.0773	0.5769
254	SLD 13	-4.8	1.71	30.05	5.7787	0.0561	1.6733
254	SLD 14	-4.43	1.18	29.57	5.6956	0.0543	1.5467
254	SLD 15	-4.73	0.36	29.21	5.6135	0.0527	1.6511
254	SLD 16	-4.36	-0.17	28.73	5.5304	0.0508	1.5245
254	SLV 1	7.77	1.99	63.16	12.3757	0.2039	-2.7278
254	SLV 2	8.63	0.77	62.05	12.1822	0.1995	-3.0227
254	SLV 3	7.94	-1.06	61.24	11.9988	0.196	-2.7794
254	SLV 4	8.79	-2.29	60.13	11.8053	0.1916	-3.0742
254	SLV 5	1.43	5.79	49.38	9.6243	0.1416	-0.5131
254	SLV 6	1.98	5	48.66	9.4991	0.1388	-0.7039
254	SLV 7	1.97	-4.39	42.98	8.3681	0.1152	-0.685
254	SLV 8	2.53	-5.18	42.26	8.2429	0.1123	-0.8758
254	SLV 9	-3.98	6.18	35.82	6.9185	0.081	1.3783
254	SLV 10	-3.43	5.38	35.1	6.7932	0.0781	1.1875
254	SLV 11	-3.43	-4	29.42	5.6622	0.0545	1.2064
254	SLV 12	-2.88	-4.8	28.7	5.537	0.0516	1.0156
254	SLV 13	-10.24	3.28	17.96	3.3561	0.0017	3.5767
254	SLV 14	-9.39	2.05	16.84	3.1625	-0.0027	3.2819
254	SLV 15	-10.08	0.23	16.04	2.9792	-0.0063	3.5252
254	SLV 16	-9.22	-1	14.92	2.7857	-0.0107	3.2303
254	CRTFP Ux+	0	0	0	0	0	0
254	CRTFP Ux-	0	0	0	0	0	0
254	CRTFP Uy+	0	0	0	0	0	0
254	CRTFP Uy-	0	0	0	0	0	0
255	SLU 1	-0.69	0.35	34.4	5.559	0.0673	0.2396
255	SLU 2	-0.67	0.38	34.21	5.5944	0.0669	0.2316
255	SLU 3	-0.71	0.36	35.2	5.6748	0.0691	0.2469
255	SLU 4	-0.7	0.38	35.09	5.6961	0.0689	0.2422
255	SLU 5	-0.68	0.39	34.72	5.6678	0.068	0.2357
255	SLU 6	-0.73	0.37	35.71	5.7482	0.0701	0.251
255	SLU 7	-0.71	0.39	35.59	5.7695	0.0699	0.2462
255	SLU 8	-0.72	0.37	35.42	5.7058	0.0695	0.2478
255	SLU 9	-0.7	0.38	35.3	5.727	0.0692	0.243
255	SLU 10	-0.71	0.48	37.94	6.1235	0.0747	0.2447
255	SLU 11	-0.75	0.46	38.93	6.2039	0.0768	0.26
255	SLU 12	-0.74	0.48	38.81	6.2252	0.0766	0.2553
255	SLU 13	-0.72	0.49	38.45	6.1969	0.0758	0.2488
255	SLU 14	-0.76	0.47	39.44	6.2773	0.0779	0.2641
255	SLU 15	-0.75	0.48	39.32	6.2986	0.0777	0.2593
255	SLU 16	-0.76	0.46	39.15	6.2349	0.0772	0.2609
255	SLU 17	-0.74	0.48	39.03	6.2561	0.077	0.2561
255	SLU 18	-0.75	0.49	39.73	6.3149	0.0784	0.2583
255	SLU 19	-0.74	0.51	39.61	6.3361	0.0782	0.2535
255	SLU 20	-0.76	0.5	40.24	6.3883	0.0795	0.2624
255	SLU 21	-0.75	0.52	40.12	6.4095	0.0793	0.2576
255	SLU 22	-0.78	0.45	38.09	6.0889	0.0755	0.2713



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
255	SLU 23	-0.76	0.47	37.89	6.1243	0.0751	0.2633
255	SLU 24	-0.81	0.46	38.88	6.2048	0.0773	0.2786
255	SLU 25	-0.79	0.47	38.77	6.226	0.077	0.2738
255	SLU 26	-0.78	0.48	38.4	6.1977	0.0762	0.2674
255	SLU 27	-0.82	0.46	39.39	6.2782	0.0783	0.2827
255	SLU 28	-0.81	0.48	39.28	6.2994	0.0781	0.2779
255	SLU 29	-0.81	0.46	39.1	6.2357	0.0777	0.2794
255	SLU 30	-0.8	0.48	38.99	6.257	0.0774	0.2746
255	SLU 31	-0.8	0.57	41.62	6.6535	0.0829	0.2764
255	SLU 32	-0.84	0.55	42.61	6.7339	0.085	0.2917
255	SLU 33	-0.83	0.57	42.5	6.7551	0.0848	0.2869
255	SLU 34	-0.81	0.58	42.13	6.7268	0.084	0.2805
255	SLU 35	-0.86	0.56	43.12	6.8073	0.0861	0.2958
255	SLU 36	-0.84	0.58	43	6.8285	0.0859	0.291
255	SLU 37	-0.85	0.56	42.83	6.7648	0.0854	0.2925
255	SLU 38	-0.83	0.57	42.71	6.7861	0.0852	0.2877
255	SLU 39	-0.84	0.58	43.41	6.8448	0.0866	0.2899
255	SLU 40	-0.83	0.6	43.3	6.8661	0.0864	0.2852
255	SLU 41	-0.85	0.59	43.92	6.9182	0.0877	0.294
255	SLU 42	-0.84	0.61	43.8	6.9395	0.0874	0.2892
255	SLU 43	-0.87	0.43	43.46	7.045	0.0847	0.3006
255	SLU 44	-0.85	0.46	43.27	7.0804	0.0843	0.2927
255	SLU 45	-0.89	0.44	44.26	7.1608	0.0865	0.308
255	SLU 46	-0.88	0.45	44.15	7.1821	0.0862	0.3032
255	SLU 47	-0.86	0.46	43.78	7.1538	0.0854	0.2967
255	SLU 48	-0.9	0.44	44.77	7.2342	0.0875	0.3121
255	SLU 49	-0.89	0.46	44.65	7.2555	0.0873	0.3073
255	SLU 50	-0.89	0.44	44.48	7.1918	0.0869	0.3088
255	SLU 51	-0.88	0.46	44.36	7.213	0.0866	0.304
255	SLU 52	-0.89	0.55	47	7.6095	0.0921	0.3058
255	SLU 53	-0.93	0.53	47.99	7.6899	0.0942	0.3211
255	SLU 54	-0.92	0.55	47.87	7.7112	0.094	0.3163
255	SLU 55	-0.9	0.56	47.51	7.6829	0.0932	0.3098
255	SLU 56	-0.94	0.54	48.5	7.7633	0.0953	0.3251
255	SLU 57	-0.93	0.56	48.38	7.7846	0.0951	0.3204
255	SLU 58	-0.93	0.54	48.21	7.7209	0.0946	0.3219
255	SLU 59	-0.92	0.55	48.09	7.7421	0.0944	0.3171
255	SLU 60	-0.92	0.56	48.79	7.8009	0.0958	0.3193
255	SLU 61	-0.91	0.58	48.67	7.8221	0.0956	0.3145
255	SLU 62	-0.94	0.57	49.3	7.8742	0.0969	0.3234
255	SLU 63	-0.92	0.59	49.18	7.8955	0.0966	0.3186
255	SLU 64	-0.96	0.52	47.14	7.5749	0.0929	0.3323
255	SLU 65	-0.94	0.55	46.95	7.6103	0.0925	0.3243
255	SLU 66	-0.98	0.53	47.94	7.6908	0.0947	0.3396
255	SLU 67	-0.97	0.55	47.83	7.712	0.0944	0.3348
255	SLU 68	-0.95	0.56	47.46	7.6837	0.0936	0.3284
255	SLU 69	-0.99	0.54	48.45	7.7642	0.0957	0.3437
255	SLU 70	-0.98	0.56	48.33	7.7854	0.0955	0.3389
255	SLU 71	-0.98	0.53	48.16	7.7217	0.0951	0.3404
255	SLU 72	-0.97	0.55	48.05	7.743	0.0948	0.3357
255	SLU 73	-0.98	0.65	50.68	8.1394	0.1003	0.3374
255	SLU 74	-1.02	0.63	51.67	8.2199	0.1024	0.3527
255	SLU 75	-1.01	0.65	51.55	8.2411	0.1022	0.3479
255	SLU 76	-0.99	0.65	51.19	8.2128	0.1014	0.3415
255	SLU 77	-1.03	0.63	52.18	8.2933	0.1035	0.3568
255	SLU 78	-1.02	0.65	52.06	8.3145	0.1033	0.352
255	SLU 79	-1.02	0.63	51.89	8.2508	0.1028	0.3535
255	SLU 80	-1.01	0.65	51.77	8.2721	0.1026	0.3488
255	SLU 81	-1.02	0.66	52.47	8.3308	0.104	0.351
255	SLU 82	-1	0.68	52.35	8.352	0.1038	0.3462
255	SLU 83	-1.03	0.67	52.98	8.4042	0.1051	0.3551
255	SLU 84	-1.02	0.68	52.86	8.4254	0.1048	0.3503
255	SLE RA 1	-0.72	0.38	35.46	5.7104	0.0697	0.2487
255	SLE RA 2	-0.71	0.4	35.33	5.734	0.0694	0.2433
255	SLE RA 3	-0.73	0.39	35.99	5.7876	0.0708	0.2535
255	SLE RA 4	-0.73	0.4	35.91	5.8018	0.0707	0.2504
255	SLE RA 5	-0.71	0.4	35.67	5.7829	0.0701	0.2461
255	SLE RA 6	-0.74	0.39	36.33	5.8366	0.0715	0.2563
255	SLE RA 7	-0.73	0.4	36.25	5.8507	0.0714	0.2531
255	SLE RA 8	-0.73	0.39	36.13	5.8083	0.0711	0.2541
255	SLE RA 9	-0.73	0.4	36.06	5.8224	0.0709	0.2509
255	SLE RA 10	-0.73	0.46	37.81	6.0867	0.0746	0.2521
255	SLE RA 11	-0.76	0.45	38.47	6.1404	0.076	0.2623
255	SLE RA 12	-0.75	0.46	38.4	6.1545	0.0759	0.2591
255	SLE RA 13	-0.74	0.47	38.15	6.1357	0.0753	0.2548
255	SLE RA 14	-0.77	0.46	38.81	6.1893	0.0767	0.265
255	SLE RA 15	-0.76	0.47	38.73	6.2035	0.0766	0.2618
255	SLE RA 16	-0.76	0.45	38.62	6.161	0.0763	0.2628
255	SLE RA 17	-0.75	0.46	38.54	6.1752	0.0761	0.2596
255	SLE RA 18	-0.76	0.47	39.01	6.2143	0.077	0.2611
255	SLE RA 19	-0.75	0.48	38.93	6.2285	0.0769	0.2579
255	SLE RA 20	-0.76	0.48	39.34	6.2632	0.0778	0.2638
255	SLE RA 21	-0.76	0.49	39.27	6.2774	0.0776	0.2606
255	SLE FR 1	-0.72	0.38	35.46	5.7104	0.0697	0.2487
255	SLE FR 2	-0.72	0.38	35.43	5.7151	0.0696	0.2476
255	SLE FR 3	-0.72	0.38	35.59	5.73	0.0699	0.2497
255	SLE FR 4	-0.73	0.41	36.5	5.8663	0.0718	0.2513
255	SLE FR 5	-0.73	0.41	36.66	5.8811	0.0722	0.2535
255	SLE FR 6	-0.74	0.43	37.23	5.9624	0.0734	0.2549



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
255	SLE QP 1	-0.72	0.38	35.46	5.7104	0.0697	0.2487
255	SLE QP 2	-0.73	0.41	36.52	5.8616	0.0719	0.2524
255	SLD 1	2.91	1	45.58	7.328	0.1102	-1.0235
255	SLD 2	3.28	0.53	45.15	7.2693	0.1086	-1.1503
255	SLD 3	2.98	-0.25	44.82	7.1806	0.1075	-1.0454
255	SLD 4	3.35	-0.72	44.39	7.1218	0.1059	-1.1723
255	SLD 5	0.19	2.56	40.47	6.5357	0.0877	-0.0743
255	SLD 6	0.43	2.25	40.19	6.497	0.0867	-0.1579
255	SLD 7	0.42	-1.6	37.93	6.0442	0.0787	-0.1475
255	SLD 8	0.66	-1.91	37.65	6.0055	0.0777	-0.2311
255	SLD 9	-2.12	2.72	35.39	5.7177	0.066	0.7358
255	SLD 10	-1.88	2.41	35.11	5.679	0.065	0.6523
255	SLD 11	-1.89	-1.44	32.85	5.2262	0.057	0.6626
255	SLD 12	-1.65	-1.75	32.57	5.1875	0.056	0.5791
255	SLD 13	-4.81	1.54	28.65	4.6013	0.0378	1.6771
255	SLD 14	-4.44	1.06	28.22	4.5426	0.0363	1.5502
255	SLD 15	-4.74	0.29	27.89	4.4539	0.0351	1.6551
255	SLD 16	-4.37	-0.19	27.46	4.3951	0.0336	1.5282
255	SLV 1	7.78	1.75	57.7	9.2919	0.1615	-2.7327
255	SLV 2	8.64	0.64	56.71	9.1551	0.1579	-3.0281
255	SLV 3	7.95	-1.08	55.98	8.9522	0.1554	-2.7838
255	SLV 4	8.8	-2.19	54.98	8.8154	0.1517	-3.0792
255	SLV 5	1.43	5.29	45.67	7.4297	0.1087	-0.5143
255	SLV 6	1.98	4.58	45.02	7.3412	0.1064	-0.7055
255	SLV 7	1.97	-4.14	39.91	6.2972	0.0882	-0.6848
255	SLV 8	2.52	-4.85	39.27	6.2087	0.0859	-0.8759
255	SLV 9	-3.98	5.67	33.77	5.5145	0.0579	1.3807
255	SLV 10	-3.43	4.95	33.13	5.4259	0.0555	1.1896
255	SLV 11	-3.44	-3.76	28.02	4.382	0.0374	1.2102
255	SLV 12	-2.89	-4.48	27.38	4.2935	0.035	1.0191
255	SLV 13	-10.26	3	18.06	2.9078	-0.008	3.584
255	SLV 14	-9.41	1.89	17.06	2.771	-0.0116	3.2886
255	SLV 15	-10.1	0.17	16.33	2.5681	-0.0141	3.5329
255	SLV 16	-9.24	-0.94	15.34	2.4312	-0.0177	3.2375
255	CRTFP Ux+	0	0	0	0	0	0
255	CRTFP Ux-	0	0	0	0	0	0
255	CRTFP Uy+	0	0	0	0	0	0
255	CRTFP Uy-	0	0	0	0	0	0
256	SLU 1	-0.7	0.26	32.73	4.4713	0.0449	0.2403
256	SLU 2	-0.67	0.27	32.54	4.5256	0.0447	0.2317
256	SLU 3	-0.72	0.27	33.48	4.5594	0.0461	0.2476
256	SLU 4	-0.7	0.27	33.37	4.5921	0.046	0.2424
256	SLU 5	-0.68	0.27	33.03	4.5817	0.0454	0.2358
256	SLU 6	-0.73	0.28	33.96	4.6155	0.0468	0.2517
256	SLU 7	-0.71	0.28	33.85	4.6481	0.0467	0.2465
256	SLU 8	-0.72	0.27	33.69	4.5834	0.0464	0.2484
256	SLU 9	-0.71	0.28	33.58	4.6161	0.0462	0.2433
256	SLU 10	-0.71	0.35	36.08	4.926	0.0497	0.2449
256	SLU 11	-0.76	0.36	37.01	4.9598	0.0512	0.2608
256	SLU 12	-0.74	0.36	36.91	4.9924	0.051	0.2556
256	SLU 13	-0.72	0.36	36.56	4.9821	0.0504	0.249
256	SLU 14	-0.77	0.36	37.5	5.0159	0.0519	0.2649
256	SLU 15	-0.75	0.36	37.39	5.0485	0.0517	0.2597
256	SLU 16	-0.76	0.36	37.22	4.9838	0.0514	0.2616
256	SLU 17	-0.74	0.36	37.12	5.0164	0.0512	0.2565
256	SLU 18	-0.75	0.38	37.78	5.0432	0.0522	0.2591
256	SLU 19	-0.74	0.39	37.67	5.0759	0.052	0.254
256	SLU 20	-0.76	0.39	38.26	5.0993	0.0529	0.2632
256	SLU 21	-0.75	0.39	38.15	5.1319	0.0527	0.258
256	SLU 22	-0.79	0.35	36.2	4.8711	0.0505	0.272
256	SLU 23	-0.76	0.35	36.02	4.9255	0.0502	0.2634
256	SLU 24	-0.81	0.36	36.96	4.9593	0.0517	0.2794
256	SLU 25	-0.79	0.36	36.85	4.9919	0.0515	0.2742
256	SLU 26	-0.78	0.36	36.5	4.9815	0.0509	0.2675
256	SLU 27	-0.82	0.36	37.44	5.0153	0.0524	0.2834
256	SLU 28	-0.81	0.36	37.33	5.048	0.0522	0.2783
256	SLU 29	-0.81	0.36	37.16	4.9832	0.0519	0.2802
256	SLU 30	-0.8	0.36	37.06	5.0159	0.0517	0.275
256	SLU 31	-0.8	0.44	39.56	5.3258	0.0552	0.2766
256	SLU 32	-0.85	0.44	40.49	5.3596	0.0567	0.2926
256	SLU 33	-0.83	0.44	40.38	5.3923	0.0565	0.2874
256	SLU 34	-0.82	0.44	40.04	5.3819	0.056	0.2807
256	SLU 35	-0.86	0.44	40.97	5.4157	0.0574	0.2966
256	SLU 36	-0.85	0.45	40.86	5.4483	0.0572	0.2915
256	SLU 37	-0.85	0.44	40.7	5.3836	0.0569	0.2934
256	SLU 38	-0.84	0.44	40.59	5.4162	0.0568	0.2882
256	SLU 39	-0.84	0.47	41.25	5.4431	0.0577	0.2909
256	SLU 40	-0.83	0.47	41.14	5.4757	0.0575	0.2857
256	SLU 41	-0.85	0.47	41.73	5.4991	0.0584	0.295
256	SLU 42	-0.84	0.47	41.63	5.5318	0.0582	0.2898
256	SLU 43	-0.87	0.31	41.35	5.6756	0.0565	0.3015
256	SLU 44	-0.85	0.32	41.17	5.7299	0.0562	0.2929
256	SLU 45	-0.89	0.32	42.1	5.7637	0.0577	0.3088
256	SLU 46	-0.88	0.32	42	5.7964	0.0575	0.3036
256	SLU 47	-0.86	0.32	41.65	5.786	0.057	0.2969
256	SLU 48	-0.91	0.33	42.59	5.8198	0.0584	0.3129
256	SLU 49	-0.89	0.33	42.48	5.8524	0.0582	0.3077
256	SLU 50	-0.9	0.32	42.31	5.7877	0.058	0.3096
256	SLU 51	-0.88	0.33	42.2	5.8204	0.0578	0.3045



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
256	SLU 52	-0.89	0.4	44.71	6.1303	0.0613	0.3061
256	SLU 53	-0.93	0.41	45.64	6.1641	0.0628	0.322
256	SLU 54	-0.92	0.41	45.53	6.1967	0.0626	0.3168
256	SLU 55	-0.9	0.41	45.19	6.1864	0.062	0.3101
256	SLU 56	-0.94	0.41	46.12	6.2202	0.0635	0.3261
256	SLU 57	-0.93	0.41	46.01	6.2528	0.0633	0.3209
256	SLU 58	-0.93	0.41	45.85	6.1881	0.063	0.3228
256	SLU 59	-0.92	0.41	45.74	6.2207	0.0628	0.3177
256	SLU 60	-0.93	0.43	46.4	6.2475	0.0637	0.3203
256	SLU 61	-0.91	0.44	46.29	6.2802	0.0636	0.3151
256	SLU 62	-0.94	0.44	46.88	6.3036	0.0645	0.3244
256	SLU 63	-0.93	0.44	46.77	6.3362	0.0643	0.3192
256	SLU 64	-0.96	0.4	44.83	6.0754	0.0621	0.3332
256	SLU 65	-0.94	0.4	44.65	6.1298	0.0618	0.3246
256	SLU 66	-0.99	0.41	45.58	6.1636	0.0632	0.3405
256	SLU 67	-0.97	0.41	45.47	6.1962	0.0631	0.3354
256	SLU 68	-0.95	0.41	45.13	6.1858	0.0625	0.3287
256	SLU 69	-1	0.41	46.06	6.2196	0.064	0.3446
256	SLU 70	-0.98	0.41	45.95	6.2523	0.0638	0.3395
256	SLU 71	-0.99	0.41	45.79	6.1875	0.0635	0.3414
256	SLU 72	-0.97	0.41	45.68	6.2202	0.0633	0.3362
256	SLU 73	-0.98	0.49	48.18	6.5301	0.0668	0.3378
256	SLU 74	-1.02	0.49	49.12	6.5639	0.0683	0.3537
256	SLU 75	-1.01	0.49	49.01	6.5966	0.0681	0.3486
256	SLU 76	-0.99	0.49	48.66	6.5862	0.0675	0.3419
256	SLU 77	-1.04	0.5	49.6	6.62	0.069	0.3578
256	SLU 78	-1.02	0.5	49.49	6.6526	0.0688	0.3527
256	SLU 79	-1.03	0.49	49.33	6.5879	0.0685	0.3546
256	SLU 80	-1.01	0.49	49.22	6.6206	0.0684	0.3494
256	SLU 81	-1.02	0.52	49.88	6.6474	0.0693	0.3521
256	SLU 82	-1.01	0.52	49.77	6.68	0.0691	0.3469
256	SLU 83	-1.03	0.52	50.36	6.7034	0.07	0.3561
256	SLU 84	-1.02	0.52	50.25	6.7361	0.0698	0.351
256	SLE RA 1	-0.72	0.29	33.72	4.5855	0.0465	0.2493
256	SLE RA 2	-0.71	0.29	33.6	4.6218	0.0463	0.2436
256	SLE RA 3	-0.74	0.29	34.22	4.6443	0.0473	0.2542
256	SLE RA 4	-0.73	0.29	34.15	4.666	0.0472	0.2508
256	SLE RA 5	-0.71	0.29	33.92	4.6591	0.0468	0.2463
256	SLE RA 6	-0.74	0.3	34.54	4.6817	0.0478	0.2569
256	SLE RA 7	-0.73	0.3	34.47	4.7034	0.0477	0.2535
256	SLE RA 8	-0.74	0.29	34.36	4.6603	0.0475	0.2548
256	SLE RA 9	-0.73	0.3	34.29	4.682	0.0474	0.2513
256	SLE RA 10	-0.73	0.35	35.96	4.8887	0.0497	0.2524
256	SLE RA 11	-0.76	0.35	36.58	4.9112	0.0507	0.263
256	SLE RA 12	-0.75	0.35	36.51	4.933	0.0506	0.2596
256	SLE RA 13	-0.74	0.35	36.28	4.9261	0.0502	0.2551
256	SLE RA 14	-0.77	0.35	36.9	4.9486	0.0512	0.2657
256	SLE RA 15	-0.76	0.35	36.83	4.9703	0.051	0.2623
256	SLE RA 16	-0.76	0.35	36.72	4.9272	0.0508	0.2636
256	SLE RA 17	-0.75	0.35	36.65	4.9489	0.0507	0.2601
256	SLE RA 18	-0.76	0.37	37.09	4.9668	0.0513	0.2619
256	SLE RA 19	-0.75	0.37	37.01	4.9886	0.0512	0.2585
256	SLE RA 20	-0.77	0.37	37.41	5.0042	0.0518	0.2646
256	SLE RA 21	-0.76	0.37	37.33	5.026	0.0517	0.2612
256	SLE FR 1	-0.72	0.29	33.72	4.5855	0.0465	0.2493
256	SLE FR 2	-0.72	0.29	33.69	4.5928	0.0465	0.2482
256	SLE FR 3	-0.72	0.29	33.85	4.6005	0.0467	0.2504
256	SLE FR 4	-0.73	0.31	34.7	4.7071	0.0479	0.252
256	SLE FR 5	-0.74	0.31	34.86	4.7149	0.0482	0.2542
256	SLE FR 6	-0.74	0.33	35.4	4.7762	0.0489	0.2556
256	SLE QP 1	-0.72	0.29	33.72	4.5855	0.0465	0.2493
256	SLE QP 2	-0.73	0.31	34.73	4.6999	0.048	0.2531
256	SLD 1	2.91	0.84	42.75	5.7397	0.0792	-1.0251
256	SLD 2	3.28	0.4	42.37	5.6982	0.078	-1.1522
256	SLD 3	2.98	-0.32	42.06	5.5924	0.0773	-1.047
256	SLD 4	3.35	-0.76	41.67	5.5509	0.0761	-1.1741
256	SLD 5	0.19	2.3	38.27	5.2426	0.0604	-0.0744
256	SLD 6	0.43	2.02	38.01	5.2153	0.0596	-0.1581
256	SLD 7	0.42	-1.56	35.94	4.7518	0.0542	-0.1473
256	SLD 8	0.66	-1.84	35.68	4.7244	0.0533	-0.231
256	SLD 9	-2.13	2.47	33.78	4.6754	0.0426	0.7372
256	SLD 10	-1.88	2.18	33.52	4.648	0.0418	0.6535
256	SLD 11	-1.9	-1.4	31.45	4.1845	0.0363	0.6643
256	SLD 12	-1.66	-1.68	31.19	4.1572	0.0355	0.5806
256	SLD 13	-4.81	1.38	27.79	3.8489	0.0198	1.6803
256	SLD 14	-4.45	0.95	27.4	3.8073	0.0186	1.5532
256	SLD 15	-4.74	0.22	27.09	3.7016	0.0179	1.6584
256	SLD 16	-4.38	-0.21	26.7	3.6601	0.0167	1.5313
256	SLV 1	7.8	1.49	53.49	7.1329	0.1211	-2.7375
256	SLV 2	8.65	0.49	52.59	7.0362	0.1182	-3.0335
256	SLV 3	7.96	-1.14	51.9	6.7907	0.1168	-2.7885
256	SLV 4	8.81	-2.14	51	6.694	0.1139	-3.0845
256	SLV 5	1.44	4.83	42.92	5.9655	0.0769	-0.5154
256	SLV 6	1.99	4.18	42.34	5.9029	0.075	-0.7069
256	SLV 7	1.97	-3.94	37.63	4.825	0.0626	-0.6853
256	SLV 8	2.52	-4.59	37.05	4.7624	0.0608	-0.8768
256	SLV 9	-3.98	5.21	32.41	4.6374	0.0352	1.383
256	SLV 10	-3.43	4.56	31.83	4.5748	0.0333	1.1915
256	SLV 11	-3.46	-3.56	27.12	3.4968	0.0209	1.2132



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
256	SLV 12	-2.9	-4.2	26.54	3.4343	0.019	1.0216
256	SLV 13	-10.28	2.76	18.45	2.7058	-0.018	3.5907
256	SLV 14	-9.42	1.76	17.56	2.6091	-0.0209	3.2947
256	SLV 15	-10.12	0.13	16.87	2.3636	-0.0223	3.5397
256	SLV 16	-9.26	-0.87	15.97	2.2669	-0.0252	3.2437
256	CRTFP Ux+	0	0	0	0	0	0
256	CRTFP Ux-	0	0	0	0	0	0
256	CRTFP Uy+	0	0	0	0	0	0
256	CRTFP Uy-	0	0	0	0	0	0
257	SLU 1	-0.7	0.17	31.7	3.8691	0.0239	0.2405
257	SLU 2	-0.67	0.16	31.52	3.9376	0.0236	0.2312
257	SLU 3	-0.72	0.18	32.42	3.9419	0.0245	0.2478
257	SLU 4	-0.7	0.17	32.32	3.9831	0.0244	0.2422
257	SLU 5	-0.68	0.16	31.99	3.9842	0.024	0.2353
257	SLU 6	-0.73	0.18	32.89	3.9885	0.0249	0.2519
257	SLU 7	-0.71	0.17	32.79	4.0296	0.0247	0.2463
257	SLU 8	-0.72	0.18	32.63	3.9622	0.0246	0.2486
257	SLU 9	-0.7	0.17	32.52	4.0034	0.0245	0.2431
257	SLU 10	-0.71	0.23	34.95	4.2679	0.0261	0.2445
257	SLU 11	-0.76	0.25	35.85	4.2722	0.027	0.2611
257	SLU 12	-0.74	0.24	35.74	4.3133	0.0269	0.2555
257	SLU 13	-0.72	0.23	35.41	4.3145	0.0265	0.2485
257	SLU 14	-0.77	0.25	36.31	4.3187	0.0274	0.2651
257	SLU 15	-0.75	0.24	36.21	4.3599	0.0272	0.2596
257	SLU 16	-0.76	0.25	36.05	4.2925	0.0271	0.2619
257	SLU 17	-0.74	0.24	35.95	4.3336	0.027	0.2563
257	SLU 18	-0.75	0.27	36.59	4.3409	0.0274	0.2594
257	SLU 19	-0.74	0.26	36.48	4.382	0.0273	0.2539
257	SLU 20	-0.76	0.28	37.05	4.3874	0.0278	0.2635
257	SLU 21	-0.75	0.27	36.95	4.4286	0.0277	0.2579
257	SLU 22	-0.79	0.25	35.05	4.1965	0.0269	0.2723
257	SLU 23	-0.76	0.23	34.87	4.265	0.0267	0.263
257	SLU 24	-0.81	0.25	35.77	4.2693	0.0275	0.2796
257	SLU 25	-0.79	0.24	35.67	4.3105	0.0274	0.274
257	SLU 26	-0.77	0.23	35.34	4.3116	0.027	0.2671
257	SLU 27	-0.82	0.26	36.24	4.3159	0.0279	0.2837
257	SLU 28	-0.81	0.25	36.13	4.357	0.0278	0.2781
257	SLU 29	-0.81	0.25	35.98	4.2896	0.0276	0.2804
257	SLU 30	-0.8	0.24	35.87	4.3308	0.0275	0.2749
257	SLU 31	-0.8	0.3	38.3	4.5953	0.0292	0.2763
257	SLU 32	-0.85	0.32	39.2	4.5996	0.03	0.2929
257	SLU 33	-0.83	0.31	39.09	4.6407	0.0299	0.2873
257	SLU 34	-0.81	0.3	38.76	4.6418	0.0295	0.2804
257	SLU 35	-0.86	0.33	39.66	4.6461	0.0304	0.2969
257	SLU 36	-0.84	0.32	39.56	4.6873	0.0303	0.2914
257	SLU 37	-0.85	0.32	39.4	4.6199	0.0301	0.2937
257	SLU 38	-0.84	0.31	39.3	4.661	0.03	0.2881
257	SLU 39	-0.84	0.35	39.94	4.6683	0.0305	0.2912
257	SLU 40	-0.83	0.34	39.83	4.7094	0.0303	0.2857
257	SLU 41	-0.86	0.35	40.4	4.7148	0.0308	0.2953
257	SLU 42	-0.84	0.34	40.3	4.756	0.0307	0.2897
257	SLU 43	-0.87	0.2	40.06	4.9176	0.03	0.3017
257	SLU 44	-0.85	0.18	39.89	4.9861	0.0298	0.2924
257	SLU 45	-0.89	0.2	40.79	4.9904	0.0306	0.309
257	SLU 46	-0.88	0.19	40.68	5.0315	0.0305	0.3035
257	SLU 47	-0.86	0.18	40.35	5.0327	0.0301	0.2965
257	SLU 48	-0.91	0.21	41.25	5.037	0.031	0.3131
257	SLU 49	-0.89	0.2	41.15	5.0781	0.0309	0.3075
257	SLU 50	-0.9	0.2	40.99	5.0107	0.0307	0.3099
257	SLU 51	-0.88	0.19	40.89	5.0519	0.0306	0.3043
257	SLU 52	-0.89	0.25	43.31	5.3164	0.0323	0.3057
257	SLU 53	-0.93	0.27	44.21	5.3207	0.0331	0.3223
257	SLU 54	-0.92	0.27	44.1	5.3618	0.033	0.3167
257	SLU 55	-0.9	0.26	43.77	5.3629	0.0326	0.3098
257	SLU 56	-0.95	0.28	44.67	5.3672	0.0335	0.3264
257	SLU 57	-0.93	0.27	44.57	5.4084	0.0334	0.3208
257	SLU 58	-0.94	0.27	44.41	5.341	0.0332	0.3231
257	SLU 59	-0.92	0.27	44.31	5.3821	0.0331	0.3176
257	SLU 60	-0.93	0.3	44.95	5.3894	0.0336	0.3207
257	SLU 61	-0.91	0.29	44.85	5.4305	0.0334	0.3151
257	SLU 62	-0.94	0.3	45.41	5.4359	0.0339	0.3247
257	SLU 63	-0.93	0.29	45.31	5.4771	0.0338	0.3192
257	SLU 64	-0.97	0.27	43.41	5.245	0.033	0.3335
257	SLU 65	-0.94	0.26	43.23	5.3135	0.0328	0.3242
257	SLU 66	-0.99	0.28	44.13	5.3178	0.0337	0.3408
257	SLU 67	-0.97	0.27	44.03	5.3589	0.0335	0.3353
257	SLU 68	-0.95	0.26	43.7	5.3601	0.0332	0.3283
257	SLU 69	-1	0.28	44.6	5.3644	0.034	0.3449
257	SLU 70	-0.98	0.27	44.5	5.4055	0.0339	0.3393
257	SLU 71	-0.99	0.28	44.34	5.3381	0.0338	0.3417
257	SLU 72	-0.97	0.27	44.23	5.3792	0.0336	0.3361
257	SLU 73	-0.98	0.33	46.66	5.6438	0.0353	0.3375
257	SLU 74	-1.03	0.35	47.56	5.6481	0.0362	0.3541
257	SLU 75	-1.01	0.34	47.45	5.6892	0.036	0.3485
257	SLU 76	-0.99	0.33	47.12	5.6903	0.0357	0.3416
257	SLU 77	-1.04	0.35	48.02	5.6946	0.0365	0.3582
257	SLU 78	-1.02	0.34	47.92	5.7357	0.0364	0.3526
257	SLU 79	-1.03	0.35	47.76	5.6684	0.0363	0.3549
257	SLU 80	-1.01	0.34	47.66	5.7095	0.0361	0.3494



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
257	SLU 81	-1.02	0.37	48.3	5.7168	0.0366	0.3525
257	SLU 82	-1.01	0.36	48.19	5.7579	0.0365	0.3469
257	SLU 83	-1.03	0.38	48.76	5.7633	0.037	0.3565
257	SLU 84	-1.02	0.37	48.66	5.8044	0.0368	0.351
257	SLE RA 1	-0.72	0.19	32.65	3.9626	0.0247	0.2496
257	SLE RA 2	-0.71	0.18	32.54	4.0083	0.0246	0.2434
257	SLE RA 3	-0.74	0.2	33.14	4.0112	0.0252	0.2544
257	SLE RA 4	-0.73	0.19	33.07	4.0386	0.0251	0.2507
257	SLE RA 5	-0.71	0.18	32.85	4.0394	0.0248	0.2461
257	SLE RA 6	-0.74	0.2	33.45	4.0422	0.0254	0.2572
257	SLE RA 7	-0.73	0.19	33.38	4.0697	0.0253	0.2534
257	SLE RA 8	-0.74	0.2	33.28	4.0247	0.0252	0.255
257	SLE RA 9	-0.73	0.19	33.21	4.0522	0.0251	0.2513
257	SLE RA 10	-0.73	0.23	34.82	4.2285	0.0263	0.2522
257	SLE RA 11	-0.76	0.24	35.42	4.2314	0.0268	0.2633
257	SLE RA 12	-0.75	0.24	35.35	4.2588	0.0267	0.2596
257	SLE RA 13	-0.74	0.23	35.13	4.2595	0.0265	0.2549
257	SLE RA 14	-0.77	0.25	35.73	4.2624	0.0271	0.266
257	SLE RA 15	-0.76	0.24	35.66	4.2898	0.027	0.2623
257	SLE RA 16	-0.76	0.24	35.56	4.2449	0.0269	0.2638
257	SLE RA 17	-0.75	0.24	35.49	4.2723	0.0268	0.2601
257	SLE RA 18	-0.76	0.26	35.92	4.2772	0.0271	0.2622
257	SLE RA 19	-0.75	0.25	35.85	4.3046	0.027	0.2585
257	SLE RA 20	-0.77	0.26	36.23	4.3082	0.0274	0.2649
257	SLE RA 21	-0.76	0.26	36.16	4.3356	0.0273	0.2612
257	SLE FR 1	-0.72	0.19	32.65	3.9626	0.0247	0.2496
257	SLE FR 2	-0.72	0.19	32.63	3.9718	0.0247	0.2483
257	SLE FR 3	-0.73	0.19	32.78	3.9751	0.0248	0.2506
257	SLE FR 4	-0.73	0.21	33.61	4.0661	0.0254	0.2521
257	SLE FR 5	-0.74	0.21	33.76	4.0694	0.0256	0.2544
257	SLE FR 6	-0.74	0.23	34.29	4.1199	0.0259	0.2559
257	SLE QP 1	-0.72	0.19	32.65	3.9626	0.0247	0.2496
257	SLE QP 2	-0.73	0.21	33.63	4.057	0.0255	0.2533
257	SLD 1	2.92	0.66	40.82	4.8047	0.0504	-1.027
257	SLD 2	3.29	0.27	40.47	4.7739	0.0495	-1.1543
257	SLD 3	2.99	-0.42	40.16	4.6514	0.0493	-1.0489
257	SLD 4	3.35	-0.81	39.81	4.6206	0.0484	-1.1762
257	SLD 5	0.19	2.06	36.85	4.5193	0.0347	-0.0747
257	SLD 6	0.44	1.81	36.62	4.499	0.0341	-0.1586
257	SLD 7	0.42	-1.55	34.66	4.0084	0.0312	-0.1477
257	SLD 8	0.66	-1.81	34.42	3.9881	0.0306	-0.2316
257	SLD 9	-2.13	2.24	32.84	4.1259	0.0204	0.7383
257	SLD 10	-1.88	1.98	32.61	4.1056	0.0198	0.6544
257	SLD 11	-1.9	-1.38	30.65	3.615	0.0168	0.6653
257	SLD 12	-1.66	-1.64	30.41	3.5947	0.0162	0.5814
257	SLD 13	-4.82	1.24	27.46	3.4934	0.0025	1.6829
257	SLD 14	-4.45	0.85	27.1	3.4626	0.0016	1.5556
257	SLD 15	-4.75	0.15	26.8	3.3401	0.0014	1.661
257	SLD 16	-4.38	-0.24	26.44	3.3093	0.0005	1.5337
257	SLV 1	7.81	1.22	50.44	5.8069	0.0838	-2.7422
257	SLV 2	8.67	0.31	49.61	5.7351	0.0817	-3.0388
257	SLV 3	7.97	-1.24	48.94	5.4492	0.0814	-2.7932
257	SLV 4	8.82	-2.15	48.11	5.3775	0.0792	-3.0898
257	SLV 5	1.44	4.41	41.09	5.1369	0.0471	-0.5165
257	SLV 6	2	3.82	40.55	5.0905	0.0457	-0.7084
257	SLV 7	1.96	-3.8	36.1	3.9446	0.0389	-0.6865
257	SLV 8	2.52	-4.39	35.57	3.8982	0.0375	-0.8784
257	SLV 9	-3.98	4.81	31.7	4.2158	0.0134	1.3851
257	SLV 10	-3.43	4.22	31.17	4.1694	0.012	1.1932
257	SLV 11	-3.46	-3.39	26.71	3.0235	0.0053	1.2151
257	SLV 12	-2.91	-3.98	26.18	2.9771	0.0039	1.0232
257	SLV 13	-10.29	2.58	19.15	2.7365	-0.0283	3.5965
257	SLV 14	-9.43	1.66	18.33	2.6648	-0.0305	3.2999
257	SLV 15	-10.13	0.11	17.65	2.3789	-0.0308	3.5455
257	SLV 16	-9.28	-0.8	16.83	2.3071	-0.0329	3.2489
257	CRTFP Ux+	0	0	0	0	0	0
257	CRTFP Ux-	0	0	0	0	0	0
257	CRTFP Uy+	0	0	0	0	0	0
257	CRTFP Uy-	0	0	0	0	0	0
258	SLU 1	-0.7	0.08	31.28	3.7141	0.0042	0.2403
258	SLU 2	-0.67	0.05	31.11	3.7918	0.004	0.2302
258	SLU 3	-0.72	0.08	32	3.7829	0.0044	0.2475
258	SLU 4	-0.7	0.07	31.89	3.8295	0.0042	0.2415
258	SLU 5	-0.68	0.05	31.57	3.836	0.0041	0.2343
258	SLU 6	-0.73	0.08	32.45	3.8271	0.0044	0.2516
258	SLU 7	-0.71	0.07	32.35	3.8737	0.0043	0.2456
258	SLU 8	-0.72	0.08	32.2	3.8025	0.0043	0.2484
258	SLU 9	-0.7	0.06	32.1	3.8492	0.0042	0.2424
258	SLU 10	-0.71	0.11	34.5	4.106	0.0041	0.2435
258	SLU 11	-0.76	0.14	35.38	4.0971	0.0045	0.2608
258	SLU 12	-0.74	0.12	35.28	4.1437	0.0043	0.2548
258	SLU 13	-0.72	0.11	34.96	4.1502	0.0042	0.2476
258	SLU 14	-0.77	0.14	35.84	4.1413	0.0045	0.2649
258	SLU 15	-0.75	0.13	35.74	4.1879	0.0044	0.2589
258	SLU 16	-0.76	0.14	35.58	4.1168	0.0044	0.2617
258	SLU 17	-0.74	0.12	35.48	4.1634	0.0043	0.2557
258	SLU 18	-0.75	0.16	36.12	4.163	0.0044	0.2593
258	SLU 19	-0.73	0.15	36.02	4.2096	0.0042	0.2532
258	SLU 20	-0.76	0.16	36.57	4.2072	0.0044	0.2633



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
258	SLU 21	-0.75	0.15	36.47	4.2538	0.0043	0.2573
258	SLU 22	-0.79	0.14	34.57	4.0219	0.0049	0.272
258	SLU 23	-0.76	0.12	34.41	4.0996	0.0047	0.262
258	SLU 24	-0.81	0.15	35.29	4.0907	0.0051	0.2793
258	SLU 25	-0.79	0.13	35.19	4.1373	0.0049	0.2733
258	SLU 26	-0.77	0.12	34.87	4.1439	0.0048	0.2661
258	SLU 27	-0.82	0.15	35.75	4.135	0.0051	0.2834
258	SLU 28	-0.8	0.13	35.65	4.1816	0.005	0.2774
258	SLU 29	-0.81	0.15	35.49	4.1104	0.005	0.2802
258	SLU 30	-0.79	0.13	35.39	4.157	0.0049	0.2742
258	SLU 31	-0.8	0.18	37.79	4.4138	0.0048	0.2753
258	SLU 32	-0.85	0.21	38.67	4.405	0.0052	0.2926
258	SLU 33	-0.83	0.19	38.57	4.4516	0.005	0.2866
258	SLU 34	-0.81	0.18	38.25	4.4581	0.0049	0.2794
258	SLU 35	-0.86	0.21	39.13	4.4492	0.0052	0.2967
258	SLU 36	-0.84	0.19	39.03	4.4958	0.0051	0.2907
258	SLU 37	-0.85	0.21	38.88	4.4246	0.0051	0.2935
258	SLU 38	-0.83	0.19	38.78	4.4712	0.005	0.2875
258	SLU 39	-0.84	0.23	39.41	4.4708	0.0051	0.291
258	SLU 40	-0.83	0.21	39.31	4.5174	0.0049	0.285
258	SLU 41	-0.85	0.23	39.87	4.5151	0.0051	0.2951
258	SLU 42	-0.84	0.21	39.77	4.5617	0.005	0.2891
258	SLU 43	-0.87	0.08	39.54	4.7228	0.0053	0.3014
258	SLU 44	-0.84	0.05	39.37	4.8004	0.0051	0.2914
258	SLU 45	-0.89	0.08	40.25	4.7916	0.0054	0.3087
258	SLU 46	-0.88	0.07	40.15	4.8382	0.0053	0.3027
258	SLU 47	-0.86	0.05	39.83	4.8447	0.0051	0.2955
258	SLU 48	-0.91	0.08	40.71	4.8358	0.0054	0.3128
258	SLU 49	-0.89	0.07	40.61	4.8824	0.0053	0.3068
258	SLU 50	-0.9	0.08	40.45	4.8112	0.0054	0.3096
258	SLU 51	-0.88	0.06	40.35	4.8578	0.0052	0.3036
258	SLU 52	-0.88	0.11	42.75	5.1146	0.0052	0.3047
258	SLU 53	-0.93	0.14	43.63	5.1058	0.0055	0.322
258	SLU 54	-0.92	0.13	43.53	5.1524	0.0054	0.316
258	SLU 55	-0.9	0.11	43.21	5.1589	0.0052	0.3088
258	SLU 56	-0.94	0.14	44.09	5.15	0.0055	0.3261
258	SLU 57	-0.93	0.13	43.99	5.1966	0.0054	0.3201
258	SLU 58	-0.94	0.14	43.84	5.1254	0.0055	0.3229
258	SLU 59	-0.92	0.12	43.74	5.172	0.0053	0.3169
258	SLU 60	-0.93	0.16	44.37	5.1716	0.0054	0.3204
258	SLU 61	-0.91	0.15	44.27	5.2182	0.0053	0.3144
258	SLU 62	-0.94	0.16	44.83	5.2159	0.0055	0.3245
258	SLU 63	-0.92	0.15	44.73	5.2625	0.0053	0.3185
258	SLU 64	-0.96	0.14	42.83	5.0306	0.006	0.3332
258	SLU 65	-0.94	0.12	42.66	5.1083	0.0058	0.3232
258	SLU 66	-0.99	0.15	43.54	5.0994	0.0061	0.3405
258	SLU 67	-0.97	0.13	43.44	5.146	0.006	0.3345
258	SLU 68	-0.95	0.12	43.12	5.1525	0.0058	0.3273
258	SLU 69	-1	0.15	44	5.1436	0.0061	0.3446
258	SLU 70	-0.98	0.13	43.9	5.1903	0.006	0.3386
258	SLU 71	-0.99	0.15	43.75	5.1191	0.0061	0.3414
258	SLU 72	-0.97	0.13	43.65	5.1657	0.0059	0.3353
258	SLU 73	-0.98	0.18	46.05	5.4225	0.0059	0.3365
258	SLU 74	-1.02	0.21	46.93	5.4136	0.0062	0.3538
258	SLU 75	-1.01	0.19	46.83	5.4602	0.0061	0.3478
258	SLU 76	-0.99	0.18	46.51	5.4667	0.0059	0.3406
258	SLU 77	-1.04	0.21	47.39	5.4579	0.0062	0.3579
258	SLU 78	-1.02	0.19	47.29	5.5045	0.0061	0.3519
258	SLU 79	-1.03	0.21	47.13	5.4333	0.0062	0.3547
258	SLU 80	-1.01	0.19	47.03	5.4799	0.006	0.3486
258	SLU 81	-1.02	0.23	47.66	5.4795	0.0061	0.3522
258	SLU 82	-1	0.21	47.56	5.5261	0.006	0.3462
258	SLU 83	-1.03	0.23	48.12	5.5237	0.0062	0.3563
258	SLU 84	-1.02	0.21	48.02	5.5703	0.006	0.3503
258	SLE RA 1	-0.72	0.1	32.22	3.802	0.0044	0.2493
258	SLE RA 2	-0.7	0.08	32.11	3.8538	0.0043	0.2427
258	SLE RA 3	-0.74	0.1	32.7	3.8479	0.0045	0.2542
258	SLE RA 4	-0.72	0.09	32.63	3.879	0.0044	0.2502
258	SLE RA 5	-0.71	0.08	32.42	3.8833	0.0043	0.2454
258	SLE RA 6	-0.74	0.1	33	3.8774	0.0046	0.2569
258	SLE RA 7	-0.73	0.09	32.94	3.9085	0.0045	0.2529
258	SLE RA 8	-0.74	0.1	32.83	3.861	0.0045	0.2548
258	SLE RA 9	-0.73	0.09	32.77	3.8921	0.0044	0.2508
258	SLE RA 10	-0.73	0.12	34.37	4.0633	0.0044	0.2515
258	SLE RA 11	-0.76	0.14	34.95	4.0574	0.0046	0.2631
258	SLE RA 12	-0.75	0.13	34.89	4.0885	0.0045	0.2591
258	SLE RA 13	-0.74	0.12	34.67	4.0928	0.0044	0.2542
258	SLE RA 14	-0.77	0.14	35.26	4.0869	0.0046	0.2658
258	SLE RA 15	-0.76	0.13	35.19	4.1179	0.0045	0.2618
258	SLE RA 16	-0.76	0.14	35.09	4.0705	0.0046	0.2636
258	SLE RA 17	-0.75	0.13	35.02	4.1016	0.0045	0.2596
258	SLE RA 18	-0.76	0.15	35.44	4.1013	0.0045	0.262
258	SLE RA 19	-0.75	0.14	35.38	4.1324	0.0044	0.258
258	SLE RA 20	-0.77	0.15	35.75	4.1308	0.0046	0.2647
258	SLE RA 21	-0.76	0.14	35.68	4.1619	0.0045	0.2607
258	SLE FR 1	-0.72	0.1	32.22	3.802	0.0044	0.2493
258	SLE FR 2	-0.72	0.09	32.2	3.8124	0.0044	0.248
258	SLE FR 3	-0.72	0.1	32.34	3.8138	0.0044	0.2504
258	SLE FR 4	-0.73	0.11	33.17	3.9022	0.0044	0.2518



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
258	SLE FR 5	-0.74	0.11	33.31	3.9036	0.0045	0.2542
258	SLE FR 6	-0.74	0.13	33.83	3.9517	0.0045	0.2557
258	SLE QP 1	-0.72	0.1	32.22	3.802	0.0044	0.2493
258	SLE QP 2	-0.73	0.11	33.19	3.8918	0.0045	0.2531
258	SLD 1	2.92	0.49	39.72	4.4608	0.024	-1.029
258	SLD 2	3.29	0.13	39.38	4.4351	0.0233	-1.1566
258	SLD 3	2.99	-0.54	39.07	4.3031	0.0236	-1.051
258	SLD 4	3.36	-0.9	38.74	4.2774	0.0229	-1.1785
258	SLD 5	0.2	1.85	36.18	4.3065	0.011	-0.0753
258	SLD 6	0.44	1.61	35.96	4.2895	0.0106	-0.1593
258	SLD 7	0.42	-1.58	34.04	3.7805	0.0097	-0.1485
258	SLD 8	0.66	-1.81	33.82	3.7636	0.0093	-0.2325
258	SLD 9	-2.13	2.04	32.55	4.0201	-0.0004	0.7388
258	SLD 10	-1.88	1.8	32.33	4.0032	-0.0008	0.6548
258	SLD 11	-1.91	-1.39	30.42	3.4941	-0.0017	0.6656
258	SLD 12	-1.66	-1.62	30.2	3.4772	-0.0021	0.5816
258	SLD 13	-4.82	1.12	27.63	3.5063	-0.014	1.6848
258	SLD 14	-4.46	0.76	27.3	3.4806	-0.0147	1.5572
258	SLD 15	-4.76	0.09	26.99	3.3485	-0.0144	1.6628
258	SLD 16	-4.39	-0.26	26.66	3.3228	-0.0151	1.5353
258	SLV 1	7.82	0.96	48.44	5.2238	0.0502	-2.7467
258	SLV 2	8.68	0.12	47.67	5.1639	0.0486	-3.0438
258	SLV 3	7.98	-1.37	46.99	4.8551	0.0493	-2.7979
258	SLV 4	8.83	-2.21	46.22	4.7952	0.0477	-3.0949
258	SLV 5	1.45	4.05	40.1	4.861	0.0198	-0.5177
258	SLV 6	2.01	3.51	39.61	4.8222	0.0188	-0.7099
258	SLV 7	1.96	-3.72	35.26	3.632	0.0168	-0.6882
258	SLV 8	2.52	-4.27	34.76	3.5933	0.0158	-0.8804
258	SLV 9	-3.98	4.49	31.62	4.1904	-0.0069	1.3867
258	SLV 10	-3.43	3.95	31.12	4.1516	-0.0079	1.1945
258	SLV 11	-3.47	-3.28	26.77	2.9614	-0.0099	1.2162
258	SLV 12	-2.92	-3.82	26.27	2.9227	-0.0109	1.024
258	SLV 13	-10.3	2.44	20.16	2.9884	-0.0388	3.6012
258	SLV 14	-9.44	1.6	19.39	2.9286	-0.0403	3.3041
258	SLV 15	-10.14	0.1	18.7	2.6197	-0.0397	3.5501
258	SLV 16	-9.29	-0.73	17.93	2.5599	-0.0412	3.253
258	CRTFP Ux+	0	0	0	0	0	0
258	CRTFP Ux-	0	0	0	0	0	0
258	CRTFP Uy+	0	0	0	0	0	0
258	CRTFP Uy-	0	0	0	0	0	0
259	SLU 1	-0.69	-0.02	31.43	3.9729	-0.014	0.2397
259	SLU 2	-0.66	-0.05	31.27	4.0542	-0.0142	0.2289
259	SLU 3	-0.71	-0.01	32.15	4.0481	-0.0143	0.2469
259	SLU 4	-0.7	-0.03	32.05	4.0969	-0.0145	0.2404
259	SLU 5	-0.67	-0.05	31.73	4.1027	-0.0145	0.2329
259	SLU 6	-0.73	-0.01	32.61	4.0966	-0.0146	0.2509
259	SLU 7	-0.71	-0.03	32.51	4.1454	-0.0147	0.2445
259	SLU 8	-0.72	-0.02	32.35	4.07	-0.0145	0.2478
259	SLU 9	-0.7	-0.04	32.26	4.1187	-0.0146	0.2413
259	SLU 10	-0.7	0	34.68	4.4027	-0.0164	0.2422
259	SLU 11	-0.75	0.03	35.56	4.3966	-0.0165	0.2602
259	SLU 12	-0.74	0.01	35.47	4.4454	-0.0166	0.2537
259	SLU 13	-0.71	0	35.15	4.4513	-0.0166	0.2462
259	SLU 14	-0.77	0.03	36.03	4.4452	-0.0167	0.2643
259	SLU 15	-0.75	0.01	35.93	4.4939	-0.0169	0.2578
259	SLU 16	-0.76	0.03	35.77	4.4185	-0.0166	0.2611
259	SLU 17	-0.74	0.01	35.67	4.4673	-0.0168	0.2546
259	SLU 18	-0.75	0.05	36.31	4.4708	-0.0171	0.2587
259	SLU 19	-0.73	0.03	36.21	4.5196	-0.0172	0.2522
259	SLU 20	-0.76	0.05	36.77	4.5194	-0.0173	0.2627
259	SLU 21	-0.74	0.03	36.67	4.5681	-0.0174	0.2562
259	SLU 22	-0.79	0.04	34.73	4.31	-0.0155	0.2714
259	SLU 23	-0.75	0.01	34.57	4.3913	-0.0157	0.2606
259	SLU 24	-0.81	0.04	35.45	4.3851	-0.0158	0.2786
259	SLU 25	-0.79	0.02	35.36	4.4339	-0.0159	0.2721
259	SLU 26	-0.77	0.01	35.04	4.4398	-0.0159	0.2646
259	SLU 27	-0.82	0.04	35.91	4.4337	-0.016	0.2826
259	SLU 28	-0.8	0.02	35.82	4.4825	-0.0162	0.2762
259	SLU 29	-0.81	0.04	35.66	4.407	-0.016	0.2795
259	SLU 30	-0.79	0.02	35.56	4.4558	-0.0161	0.273
259	SLU 31	-0.79	0.06	37.99	4.7398	-0.0178	0.2739
259	SLU 32	-0.85	0.09	38.87	4.7337	-0.0179	0.2919
259	SLU 33	-0.83	0.07	38.77	4.7825	-0.0181	0.2854
259	SLU 34	-0.81	0.06	38.45	4.7883	-0.0181	0.2779
259	SLU 35	-0.86	0.09	39.33	4.7822	-0.0182	0.296
259	SLU 36	-0.84	0.07	39.23	4.831	-0.0183	0.2895
259	SLU 37	-0.85	0.09	39.07	4.7556	-0.0181	0.2928
259	SLU 38	-0.83	0.07	38.98	4.8044	-0.0182	0.2863
259	SLU 39	-0.84	0.11	39.61	4.8079	-0.0185	0.2904
259	SLU 40	-0.82	0.09	39.52	4.8567	-0.0186	0.2839
259	SLU 41	-0.85	0.11	40.08	4.8564	-0.0188	0.2944
259	SLU 42	-0.83	0.09	39.98	4.9052	-0.0189	0.2879
259	SLU 43	-0.87	-0.04	39.73	5.0492	-0.0177	0.3007
259	SLU 44	-0.84	-0.07	39.56	5.1305	-0.0179	0.2899
259	SLU 45	-0.89	-0.04	40.44	5.1244	-0.018	0.3079
259	SLU 46	-0.87	-0.06	40.35	5.1732	-0.0182	0.3014
259	SLU 47	-0.85	-0.07	40.03	5.179	-0.0182	0.2939
259	SLU 48	-0.9	-0.04	40.91	5.1729	-0.0183	0.312
259	SLU 49	-0.88	-0.06	40.81	5.2217	-0.0184	0.3055



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
259	SLU 50	-0.89	-0.04	40.65	5.1463	-0.0182	0.3088
259	SLU 51	-0.88	-0.06	40.55	5.1951	-0.0183	0.3023
259	SLU 52	-0.88	-0.03	42.98	5.4791	-0.0201	0.3032
259	SLU 53	-0.93	0.01	43.86	5.4729	-0.0202	0.3212
259	SLU 54	-0.91	-0.01	43.76	5.5217	-0.0203	0.3147
259	SLU 55	-0.89	-0.03	43.44	5.5276	-0.0203	0.3072
259	SLU 56	-0.94	0.01	44.32	5.5215	-0.0204	0.3253
259	SLU 57	-0.92	-0.01	44.22	5.5703	-0.0206	0.3188
259	SLU 58	-0.93	0.01	44.07	5.4948	-0.0203	0.3221
259	SLU 59	-0.91	-0.01	43.97	5.5436	-0.0205	0.3156
259	SLU 60	-0.93	0.03	44.6	5.5471	-0.0208	0.3197
259	SLU 61	-0.91	0.01	44.51	5.5959	-0.0209	0.3132
259	SLU 62	-0.94	0.03	45.07	5.5957	-0.021	0.3237
259	SLU 63	-0.92	0.01	44.97	5.6445	-0.0211	0.3173
259	SLU 64	-0.96	0.02	43.03	5.3863	-0.0192	0.3324
259	SLU 65	-0.93	-0.02	42.87	5.4676	-0.0194	0.3216
259	SLU 66	-0.98	0.02	43.75	5.4615	-0.0195	0.3396
259	SLU 67	-0.96	0	43.65	5.5102	-0.0196	0.3331
259	SLU 68	-0.94	-0.02	43.33	5.5161	-0.0196	0.3256
259	SLU 69	-0.99	0.02	44.21	5.51	-0.0198	0.3437
259	SLU 70	-0.98	0	44.11	5.5588	-0.0199	0.3372
259	SLU 71	-0.99	0.02	43.95	5.4833	-0.0197	0.3405
259	SLU 72	-0.97	0	43.86	5.5321	-0.0198	0.334
259	SLU 73	-0.97	0.03	46.29	5.8161	-0.0215	0.3349
259	SLU 74	-1.02	0.07	47.16	5.81	-0.0216	0.3529
259	SLU 75	-1	0.05	47.07	5.8588	-0.0218	0.3464
259	SLU 76	-0.98	0.03	46.75	5.8646	-0.0218	0.339
259	SLU 77	-1.03	0.07	47.63	5.8585	-0.0219	0.357
259	SLU 78	-1.02	0.05	47.53	5.9073	-0.022	0.3505
259	SLU 79	-1.02	0.06	47.37	5.8319	-0.0218	0.3538
259	SLU 80	-1.01	0.04	47.27	5.8807	-0.0219	0.3473
259	SLU 81	-1.02	0.09	47.91	5.8842	-0.0222	0.3514
259	SLU 82	-1	0.07	47.81	5.933	-0.0224	0.3449
259	SLU 83	-1.03	0.09	48.37	5.9327	-0.0225	0.3554
259	SLU 84	-1.01	0.07	48.28	5.9815	-0.0226	0.349
259	SLE RA 1	-0.72	0	32.37	4.0692	-0.0144	0.2487
259	SLE RA 2	-0.7	-0.02	32.27	4.1234	-0.0146	0.2415
259	SLE RA 3	-0.73	0	32.85	4.1193	-0.0146	0.2535
259	SLE RA 4	-0.72	-0.01	32.79	4.1518	-0.0147	0.2492
259	SLE RA 5	-0.71	-0.02	32.57	4.1558	-0.0147	0.2442
259	SLE RA 6	-0.74	0	33.16	4.1517	-0.0148	0.2562
259	SLE RA 7	-0.73	-0.01	33.1	4.1842	-0.0149	0.2519
259	SLE RA 8	-0.74	0	32.99	4.1339	-0.0148	0.2541
259	SLE RA 9	-0.72	-0.01	32.93	4.1664	-0.0148	0.2498
259	SLE RA 10	-0.73	0.01	34.54	4.3558	-0.016	0.2504
259	SLE RA 11	-0.76	0.03	35.13	4.3517	-0.0161	0.2624
259	SLE RA 12	-0.75	0.02	35.07	4.3842	-0.0162	0.2581
259	SLE RA 13	-0.73	0.01	34.85	4.3881	-0.0162	0.2531
259	SLE RA 14	-0.77	0.03	35.44	4.3841	-0.0162	0.2651
259	SLE RA 15	-0.76	0.02	35.37	4.4166	-0.0163	0.2608
259	SLE RA 16	-0.76	0.03	35.27	4.3663	-0.0162	0.263
259	SLE RA 17	-0.75	0.02	35.2	4.3988	-0.0163	0.2587
259	SLE RA 18	-0.76	0.05	35.63	4.4012	-0.0165	0.2614
259	SLE RA 19	-0.74	0.03	35.56	4.4337	-0.0165	0.2571
259	SLE RA 20	-0.76	0.05	35.94	4.4335	-0.0166	0.2641
259	SLE RA 21	-0.75	0.03	35.87	4.466	-0.0167	0.2598
259	SLE FR 1	-0.72	0	32.37	4.0692	-0.0144	0.2487
259	SLE FR 2	-0.72	0	32.35	4.08	-0.0145	0.2473
259	SLE FR 3	-0.72	0	32.5	4.0821	-0.0145	0.2498
259	SLE FR 4	-0.73	0.01	33.33	4.1796	-0.0151	0.2511
259	SLE FR 5	-0.73	0.01	33.47	4.1817	-0.0151	0.2536
259	SLE FR 6	-0.74	0.02	34	4.2352	-0.0154	0.255
259	SLE QP 1	-0.72	0	32.37	4.0692	-0.0144	0.2487
259	SLE QP 2	-0.73	0.01	33.35	4.1688	-0.015	0.2525
259	SLD 1	2.93	0.33	39.37	4.6554	-0.0003	-1.0311
259	SLD 2	3.3	-0.01	39.05	4.6302	-0.0007	-1.1588
259	SLD 3	3	-0.66	38.72	4.4971	0.0003	-1.0532
259	SLD 4	3.36	-0.99	38.41	4.4719	-0.0001	-1.1809
259	SLD 5	0.2	1.67	36.18	4.5594	-0.0114	-0.0762
259	SLD 6	0.44	1.45	35.98	4.5428	-0.0117	-0.1603
259	SLD 7	0.42	-1.63	34.05	4.0317	-0.0095	-0.1497
259	SLD 8	0.66	-1.85	33.84	4.0151	-0.0097	-0.2339
259	SLD 9	-2.12	1.88	32.86	4.3225	-0.0203	0.7389
259	SLD 10	-1.88	1.66	32.65	4.3058	-0.0206	0.6548
259	SLD 11	-1.91	-1.42	30.72	3.7948	-0.0184	0.6654
259	SLD 12	-1.67	-1.64	30.52	3.7782	-0.0186	0.5812
259	SLD 13	-4.83	1.02	28.29	3.8657	-0.03	1.6859
259	SLD 14	-4.46	0.69	27.98	3.8404	-0.0304	1.5582
259	SLD 15	-4.76	0.03	27.65	3.7074	-0.0294	1.6639
259	SLD 16	-4.39	-0.3	27.33	3.6821	-0.0298	1.5361
259	SLV 1	7.84	0.71	47.41	5.3078	0.0195	-2.7508
259	SLV 2	8.69	-0.07	46.67	5.249	0.0185	-3.0483
259	SLV 3	7.99	-1.53	45.95	4.9383	0.0208	-2.8022
259	SLV 4	8.84	-2.31	45.22	4.8795	0.0199	-3.0996
259	SLV 5	1.46	3.76	39.9	5.0811	-0.0066	-0.519
259	SLV 6	2.01	3.25	39.42	5.0431	-0.0072	-0.7114
259	SLV 7	1.97	-3.71	35.05	3.8494	-0.002	-0.6902
259	SLV 8	2.52	-4.22	34.58	3.8114	-0.0026	-0.8827
259	SLV 9	-3.98	4.25	32.12	4.5262	-0.0274	1.3877



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
259	SLV 10	-3.43	3.74	31.65	4.4881	-0.028	1.1952
259	SLV 11	-3.48	-3.23	27.28	3.2945	-0.0229	1.2165
259	SLV 12	-2.92	-3.73	26.8	3.2565	-0.0235	1.024
259	SLV 13	-10.31	2.34	21.48	3.4581	-0.05	3.6047
259	SLV 14	-9.45	1.56	20.75	3.3993	-0.0509	3.3072
259	SLV 15	-10.15	0.1	20.03	3.0886	-0.0486	3.5533
259	SLV 16	-9.3	-0.68	19.29	3.0298	-0.0495	3.2558
259	CRTFP Ux+	0	0	0	0	0	0
259	CRTFP Ux-	0	0	0	0	0	0
259	CRTFP Uy+	0	0	0	0	0	0
259	CRTFP Uy-	0	0	0	0	0	0
260	SLU 1	-0.69	-0.11	32.1	4.6176	-0.0307	0.2387
260	SLU 2	-0.66	-0.14	31.95	4.6968	-0.031	0.2271
260	SLU 3	-0.71	-0.11	32.84	4.7089	-0.0315	0.2459
260	SLU 4	-0.69	-0.13	32.75	4.7564	-0.0316	0.239
260	SLU 5	-0.67	-0.15	32.42	4.7558	-0.0315	0.2312
260	SLU 6	-0.72	-0.11	33.31	4.7679	-0.032	0.2499
260	SLU 7	-0.7	-0.13	33.22	4.8154	-0.0322	0.243
260	SLU 8	-0.71	-0.12	33.05	4.7357	-0.0318	0.2468
260	SLU 9	-0.69	-0.14	32.96	4.7832	-0.0319	0.2399
260	SLU 10	-0.7	-0.11	35.46	5.1269	-0.0352	0.2404
260	SLU 11	-0.75	-0.07	36.35	5.139	-0.0357	0.2592
260	SLU 12	-0.73	-0.09	36.26	5.1865	-0.0358	0.2522
260	SLU 13	-0.71	-0.11	35.93	5.1859	-0.0357	0.2445
260	SLU 14	-0.76	-0.08	36.82	5.198	-0.0362	0.2632
260	SLU 15	-0.74	-0.1	36.73	5.2455	-0.0363	0.2563
260	SLU 16	-0.75	-0.08	36.56	5.1658	-0.036	0.2601
260	SLU 17	-0.73	-0.1	36.47	5.2133	-0.0361	0.2531
260	SLU 18	-0.75	-0.06	37.12	5.2321	-0.0367	0.2577
260	SLU 19	-0.73	-0.08	37.03	5.2796	-0.0369	0.2508
260	SLU 20	-0.76	-0.06	37.59	5.2911	-0.0372	0.2617
260	SLU 21	-0.74	-0.08	37.5	5.3386	-0.0374	0.2548
260	SLU 22	-0.78	-0.06	35.48	5.0292	-0.0341	0.2703
260	SLU 23	-0.75	-0.09	35.33	5.1083	-0.0344	0.2587
260	SLU 24	-0.8	-0.06	36.22	5.1204	-0.0349	0.2775
260	SLU 25	-0.78	-0.08	36.12	5.1679	-0.0351	0.2705
260	SLU 26	-0.76	-0.1	35.8	5.1673	-0.0349	0.2628
260	SLU 27	-0.81	-0.06	36.69	5.1795	-0.0354	0.2815
260	SLU 28	-0.79	-0.08	36.6	5.2269	-0.0356	0.2746
260	SLU 29	-0.81	-0.07	36.43	5.1472	-0.0352	0.2784
260	SLU 30	-0.79	-0.09	36.34	5.1947	-0.0353	0.2714
260	SLU 31	-0.79	-0.06	38.84	5.5385	-0.0386	0.272
260	SLU 32	-0.84	-0.02	39.73	5.5506	-0.0391	0.2908
260	SLU 33	-0.82	-0.04	39.63	5.5981	-0.0393	0.2838
260	SLU 34	-0.8	-0.06	39.31	5.5975	-0.0391	0.276
260	SLU 35	-0.85	-0.03	40.2	5.6096	-0.0396	0.2948
260	SLU 36	-0.83	-0.05	40.11	5.6571	-0.0398	0.2878
260	SLU 37	-0.84	-0.03	39.94	5.5774	-0.0394	0.2917
260	SLU 38	-0.82	-0.05	39.85	5.6248	-0.0395	0.2847
260	SLU 39	-0.84	-0.01	40.5	5.6437	-0.0401	0.2893
260	SLU 40	-0.82	-0.03	40.4	5.6911	-0.0403	0.2823
260	SLU 41	-0.85	-0.01	40.97	5.7027	-0.0407	0.2933
260	SLU 42	-0.83	-0.03	40.88	5.7502	-0.0408	0.2864
260	SLU 43	-0.87	-0.16	40.58	5.8618	-0.0388	0.2995
260	SLU 44	-0.83	-0.2	40.42	5.9409	-0.039	0.2879
260	SLU 45	-0.89	-0.16	41.31	5.9531	-0.0395	0.3067
260	SLU 46	-0.87	-0.18	41.22	6.0005	-0.0397	0.2998
260	SLU 47	-0.85	-0.2	40.9	6	-0.0395	0.292
260	SLU 48	-0.9	-0.17	41.78	6.0121	-0.0401	0.3107
260	SLU 49	-0.88	-0.18	41.69	6.0596	-0.0402	0.3038
260	SLU 50	-0.89	-0.17	41.52	5.9799	-0.0398	0.3076
260	SLU 51	-0.87	-0.19	41.43	6.0273	-0.04	0.3007
260	SLU 52	-0.87	-0.16	43.93	6.3711	-0.0432	0.3012
260	SLU 53	-0.93	-0.13	44.82	6.3832	-0.0437	0.32
260	SLU 54	-0.91	-0.14	44.73	6.4307	-0.0439	0.313
260	SLU 55	-0.88	-0.16	44.41	6.4301	-0.0437	0.3053
260	SLU 56	-0.94	-0.13	45.29	6.4422	-0.0442	0.324
260	SLU 57	-0.92	-0.15	45.2	6.4897	-0.0444	0.3171
260	SLU 58	-0.93	-0.13	45.03	6.41	-0.044	0.3209
260	SLU 59	-0.91	-0.15	44.94	6.4575	-0.0442	0.3139
260	SLU 60	-0.92	-0.11	45.59	6.4763	-0.0448	0.3185
260	SLU 61	-0.9	-0.13	45.5	6.5238	-0.0449	0.3115
260	SLU 62	-0.94	-0.11	46.06	6.5353	-0.0453	0.3225
260	SLU 63	-0.91	-0.13	45.97	6.5828	-0.0454	0.3156
260	SLU 64	-0.96	-0.11	43.95	6.2734	-0.0422	0.3311
260	SLU 65	-0.93	-0.14	43.8	6.3525	-0.0424	0.3195
260	SLU 66	-0.98	-0.11	44.69	6.3646	-0.043	0.3383
260	SLU 67	-0.96	-0.13	44.6	6.4121	-0.0431	0.3313
260	SLU 68	-0.94	-0.15	44.27	6.4115	-0.043	0.3236
260	SLU 69	-0.99	-0.12	45.16	6.4236	-0.0435	0.3423
260	SLU 70	-0.97	-0.13	45.07	6.4711	-0.0436	0.3354
260	SLU 71	-0.98	-0.12	44.9	6.3914	-0.0432	0.3392
260	SLU 72	-0.96	-0.14	44.81	6.4389	-0.0434	0.3322
260	SLU 73	-0.96	-0.11	47.31	6.7826	-0.0466	0.3328
260	SLU 74	-1.02	-0.08	48.2	6.7948	-0.0471	0.3516
260	SLU 75	-1	-0.09	48.11	6.8422	-0.0473	0.3446
260	SLU 76	-0.98	-0.11	47.78	6.8417	-0.0472	0.3368
260	SLU 77	-1.03	-0.08	48.67	6.8538	-0.0477	0.3556
260	SLU 78	-1.01	-0.1	48.58	6.9013	-0.0478	0.3486



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
260	SLU 79	-1.02	-0.08	48.41	6.8215	-0.0474	0.3525
260	SLU 80	-1	-0.1	48.32	6.869	-0.0476	0.3455
260	SLU 81	-1.01	-0.06	48.97	6.8878	-0.0482	0.3501
260	SLU 82	-0.99	-0.08	48.88	6.9353	-0.0483	0.3431
260	SLU 83	-1.03	-0.06	49.44	6.9469	-0.0487	0.3541
260	SLU 84	-1.01	-0.08	49.35	6.9943	-0.0489	0.3472
260	SLE RA 1	-0.72	-0.1	33.07	4.7352	-0.0317	0.2478
260	SLE RA 2	-0.7	-0.12	32.97	4.788	-0.0319	0.24
260	SLE RA 3	-0.73	-0.1	33.56	4.796	-0.0322	0.2525
260	SLE RA 4	-0.72	-0.11	33.5	4.8277	-0.0323	0.2479
260	SLE RA 5	-0.7	-0.12	33.28	4.8273	-0.0322	0.2427
260	SLE RA 6	-0.74	-0.1	33.87	4.8354	-0.0326	0.2552
260	SLE RA 7	-0.73	-0.11	33.81	4.8671	-0.0327	0.2506
260	SLE RA 8	-0.73	-0.1	33.7	4.8139	-0.0324	0.2531
260	SLE RA 9	-0.72	-0.11	33.64	4.8456	-0.0325	0.2485
260	SLE RA 10	-0.72	-0.09	35.31	5.0747	-0.0347	0.2489
260	SLE RA 11	-0.76	-0.07	35.9	5.0828	-0.035	0.2614
260	SLE RA 12	-0.74	-0.09	35.84	5.1145	-0.0351	0.2568
260	SLE RA 13	-0.73	-0.1	35.62	5.1141	-0.035	0.2516
260	SLE RA 14	-0.77	-0.07	36.21	5.1222	-0.0354	0.2641
260	SLE RA 15	-0.75	-0.09	36.15	5.1538	-0.0355	0.2594
260	SLE RA 16	-0.76	-0.08	36.04	5.1007	-0.0352	0.262
260	SLE RA 17	-0.75	-0.09	35.98	5.1323	-0.0353	0.2574
260	SLE RA 18	-0.75	-0.06	36.41	5.1449	-0.0357	0.2604
260	SLE RA 19	-0.74	-0.08	36.35	5.1765	-0.0358	0.2558
260	SLE RA 20	-0.76	-0.06	36.73	5.1842	-0.036	0.2631
260	SLE RA 21	-0.75	-0.08	36.67	5.2159	-0.0361	0.2585
260	SLE FR 1	-0.72	-0.1	33.07	4.7352	-0.0317	0.2478
260	SLE FR 2	-0.71	-0.1	33.05	4.7458	-0.0317	0.2462
260	SLE FR 3	-0.72	-0.1	33.19	4.751	-0.0318	0.2488
260	SLE FR 4	-0.72	-0.09	34.05	4.8687	-0.0329	0.25
260	SLE FR 5	-0.73	-0.09	34.2	4.8738	-0.033	0.2526
260	SLE FR 6	-0.74	-0.08	34.74	4.94	-0.0337	0.2541
260	SLE QP 1	-0.72	-0.1	33.07	4.7352	-0.0317	0.2478
260	SLE QP 2	-0.73	-0.09	34.07	4.8581	-0.0329	0.2515
260	SLD 1	2.94	0.17	39.7	5.3448	-0.022	-1.0332
260	SLD 2	3.3	-0.15	39.4	5.3163	-0.0222	-1.161
260	SLD 3	3	-0.8	39.04	5.1883	-0.0208	-1.0554
260	SLD 4	3.37	-1.11	38.74	5.1598	-0.021	-1.1832
260	SLD 5	0.21	1.51	36.81	5.2466	-0.0314	-0.0774
260	SLD 6	0.45	1.3	36.61	5.2278	-0.0315	-0.1616
260	SLD 7	0.42	-1.71	34.62	4.7249	-0.0274	-0.1512
260	SLD 8	0.66	-1.91	34.42	4.7061	-0.0276	-0.2354
260	SLD 9	-2.12	1.74	33.72	5.0101	-0.0382	0.7385
260	SLD 10	-1.88	1.53	33.52	4.9913	-0.0384	0.6543
260	SLD 11	-1.91	-1.48	31.53	4.4884	-0.0343	0.6646
260	SLD 12	-1.67	-1.68	31.33	4.4696	-0.0344	0.5805
260	SLD 13	-4.83	0.94	29.41	4.5565	-0.0448	1.6863
260	SLD 14	-4.46	0.62	29.1	4.5279	-0.045	1.5584
260	SLD 15	-4.76	-0.03	28.75	4.3999	-0.0436	1.6641
260	SLD 16	-4.39	-0.34	28.44	4.3714	-0.0438	1.5363
260	SLV 1	7.85	0.47	47.22	5.9966	-0.0074	-2.7545
260	SLV 2	8.7	-0.26	46.51	5.93	-0.0078	-3.0521
260	SLV 3	8	-1.72	45.73	5.6326	-0.0047	-2.8061
260	SLV 4	8.85	-2.45	45.02	5.5661	-0.0051	-3.1037
260	SLV 5	1.47	3.52	40.4	5.7631	-0.0293	-0.5204
260	SLV 6	2.02	3.05	39.94	5.7201	-0.0296	-0.713
260	SLV 7	1.97	-3.77	35.43	4.55	-0.0202	-0.6923
260	SLV 8	2.52	-4.24	34.97	4.507	-0.0205	-0.8849
260	SLV 9	-3.98	4.07	33.17	5.2092	-0.0453	1.388
260	SLV 10	-3.42	3.59	32.71	5.1662	-0.0456	1.1954
260	SLV 11	-3.48	-3.23	28.2	3.9961	-0.0362	1.2161
260	SLV 12	-2.93	-3.7	27.74	3.9531	-0.0365	1.0235
260	SLV 13	-10.31	2.27	23.12	4.1501	-0.0607	3.6068
260	SLV 14	-9.45	1.54	22.41	4.0836	-0.0611	3.3091
260	SLV 15	-10.16	0.08	21.63	3.7862	-0.058	3.5552
260	SLV 16	-9.31	-0.65	20.92	3.7197	-0.0584	3.2576
260	CRTFP Ux+	0	0	0	0	0	0
260	CRTFP Ux-	0	0	0	0	0	0
260	CRTFP Uy+	0	0	0	0	0	0
260	CRTFP Uy-	0	0	0	0	0	0
261	SLU 1	-0.69	-0.21	33.25	5.6198	-0.0454	0.2375
261	SLU 2	-0.65	-0.24	33.1	5.691	-0.0457	0.2252
261	SLU 3	-0.71	-0.22	34.01	5.7361	-0.0466	0.2446
261	SLU 4	-0.69	-0.23	33.92	5.7788	-0.0467	0.2372
261	SLU 5	-0.66	-0.24	33.6	5.7662	-0.0465	0.2292
261	SLU 6	-0.72	-0.22	34.5	5.8114	-0.0473	0.2486
261	SLU 7	-0.7	-0.23	34.42	5.854	-0.0475	0.2412
261	SLU 8	-0.71	-0.22	34.23	5.7703	-0.0469	0.2456
261	SLU 9	-0.69	-0.24	34.15	5.813	-0.0471	0.2381
261	SLU 10	-0.69	-0.21	36.77	6.2467	-0.0517	0.2384
261	SLU 11	-0.75	-0.19	37.68	6.2919	-0.0526	0.2578
261	SLU 12	-0.73	-0.2	37.59	6.3346	-0.0527	0.2504
261	SLU 13	-0.7	-0.21	37.26	6.322	-0.0525	0.2424
261	SLU 14	-0.76	-0.19	38.17	6.3672	-0.0533	0.2619
261	SLU 15	-0.74	-0.21	38.08	6.4098	-0.0535	0.2545
261	SLU 16	-0.75	-0.2	37.9	6.3261	-0.0529	0.2588
261	SLU 17	-0.73	-0.21	37.81	6.3688	-0.0531	0.2514
261	SLU 18	-0.74	-0.18	38.48	6.4138	-0.054	0.2564



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
261	SLU 19	-0.72	-0.19	38.4	6.4565	-0.0542	0.249
261	SLU 20	-0.76	-0.18	38.98	6.4891	-0.0548	0.2604
261	SLU 21	-0.73	-0.19	38.89	6.5317	-0.0549	0.253
261	SLU 22	-0.78	-0.17	36.76	6.1478	-0.0506	0.2689
261	SLU 23	-0.74	-0.19	36.61	6.2189	-0.0509	0.2565
261	SLU 24	-0.8	-0.17	37.52	6.2641	-0.0517	0.276
261	SLU 25	-0.78	-0.19	37.43	6.3068	-0.0519	0.2686
261	SLU 26	-0.75	-0.2	37.1	6.2942	-0.0516	0.2606
261	SLU 27	-0.81	-0.18	38.01	6.3393	-0.0524	0.28
261	SLU 28	-0.79	-0.19	37.92	6.382	-0.0526	0.2726
261	SLU 29	-0.8	-0.18	37.74	6.2983	-0.0521	0.2769
261	SLU 30	-0.78	-0.19	37.65	6.341	-0.0522	0.2695
261	SLU 31	-0.78	-0.17	40.27	6.7747	-0.0569	0.2698
261	SLU 32	-0.84	-0.15	41.18	6.8199	-0.0577	0.2892
261	SLU 33	-0.82	-0.16	41.1	6.8626	-0.0579	0.2818
261	SLU 34	-0.79	-0.17	40.77	6.85	-0.0576	0.2738
261	SLU 35	-0.85	-0.15	41.68	6.8951	-0.0585	0.2932
261	SLU 36	-0.83	-0.16	41.59	6.9378	-0.0586	0.2858
261	SLU 37	-0.84	-0.15	41.41	6.8541	-0.0581	0.2902
261	SLU 38	-0.82	-0.17	41.32	6.8968	-0.0583	0.2827
261	SLU 39	-0.83	-0.13	41.99	6.9418	-0.0591	0.2878
261	SLU 40	-0.81	-0.15	41.9	6.9845	-0.0593	0.2804
261	SLU 41	-0.85	-0.14	42.48	7.0171	-0.0599	0.2918
261	SLU 42	-0.82	-0.15	42.4	7.0597	-0.0601	0.2844
261	SLU 43	-0.86	-0.29	42.02	7.1248	-0.0573	0.298
261	SLU 44	-0.83	-0.32	41.88	7.1959	-0.0576	0.2857
261	SLU 45	-0.88	-0.3	42.78	7.2411	-0.0584	0.3051
261	SLU 46	-0.86	-0.31	42.7	7.2837	-0.0586	0.2977
261	SLU 47	-0.84	-0.32	42.37	7.2711	-0.0583	0.2897
261	SLU 48	-0.9	-0.3	43.28	7.3163	-0.0592	0.3091
261	SLU 49	-0.87	-0.31	43.19	7.359	-0.0594	0.3017
261	SLU 50	-0.89	-0.3	43.01	7.2753	-0.0588	0.3061
261	SLU 51	-0.87	-0.32	42.92	7.3179	-0.059	0.2986
261	SLU 52	-0.87	-0.29	45.54	7.7517	-0.0636	0.2989
261	SLU 53	-0.92	-0.27	46.45	7.7968	-0.0644	0.3183
261	SLU 54	-0.9	-0.28	46.36	7.8395	-0.0646	0.3109
261	SLU 55	-0.88	-0.29	46.03	7.8269	-0.0644	0.3029
261	SLU 56	-0.94	-0.27	46.94	7.8721	-0.0652	0.3224
261	SLU 57	-0.91	-0.29	46.85	7.9148	-0.0654	0.315
261	SLU 58	-0.93	-0.28	46.67	7.8311	-0.0648	0.3193
261	SLU 59	-0.9	-0.29	46.58	7.8737	-0.065	0.3119
261	SLU 60	-0.92	-0.26	47.25	7.9188	-0.0659	0.3169
261	SLU 61	-0.9	-0.27	47.17	7.9614	-0.0661	0.3095
261	SLU 62	-0.93	-0.26	47.75	7.994	-0.0666	0.3209
261	SLU 63	-0.91	-0.27	47.66	8.0367	-0.0668	0.3135
261	SLU 64	-0.95	-0.25	45.53	7.6527	-0.0624	0.3294
261	SLU 65	-0.92	-0.27	45.38	7.7239	-0.0627	0.317
261	SLU 66	-0.98	-0.25	46.29	7.769	-0.0636	0.3365
261	SLU 67	-0.95	-0.27	46.2	7.8117	-0.0637	0.3291
261	SLU 68	-0.93	-0.28	45.87	7.7991	-0.0635	0.3211
261	SLU 69	-0.99	-0.26	46.78	7.8443	-0.0643	0.3405
261	SLU 70	-0.97	-0.27	46.7	7.8869	-0.0645	0.3331
261	SLU 71	-0.98	-0.26	46.51	7.8033	-0.0639	0.3374
261	SLU 72	-0.96	-0.27	46.43	7.8459	-0.0641	0.33
261	SLU 73	-0.96	-0.25	49.05	8.2797	-0.0687	0.3303
261	SLU 74	-1.01	-0.23	49.95	8.3248	-0.0696	0.3497
261	SLU 75	-0.99	-0.24	49.87	8.3675	-0.0697	0.3423
261	SLU 76	-0.97	-0.25	49.54	8.3549	-0.0695	0.3343
261	SLU 77	-1.03	-0.23	50.45	8.4001	-0.0703	0.3537
261	SLU 78	-1	-0.24	50.36	8.4427	-0.0705	0.3463
261	SLU 79	-1.02	-0.23	50.18	8.359	-0.0699	0.3507
261	SLU 80	-0.99	-0.25	50.09	8.4017	-0.0701	0.3432
261	SLU 81	-1.01	-0.21	50.76	8.4467	-0.071	0.3483
261	SLU 82	-0.99	-0.23	50.67	8.4894	-0.0712	0.3409
261	SLU 83	-1.02	-0.22	51.25	8.522	-0.0718	0.3523
261	SLU 84	-1	-0.23	51.17	8.5647	-0.0719	0.3449
261	SLE RA 1	-0.71	-0.2	34.25	5.7707	-0.0469	0.2465
261	SLE RA 2	-0.69	-0.22	34.15	5.8181	-0.0471	0.2382
261	SLE RA 3	-0.73	-0.2	34.76	5.8482	-0.0476	0.2512
261	SLE RA 4	-0.71	-0.21	34.7	5.8767	-0.0478	0.2463
261	SLE RA 5	-0.7	-0.22	34.48	5.8683	-0.0476	0.2409
261	SLE RA 6	-0.74	-0.21	35.09	5.8984	-0.0481	0.2539
261	SLE RA 7	-0.72	-0.21	35.03	5.9268	-0.0483	0.249
261	SLE RA 8	-0.73	-0.21	34.91	5.871	-0.0479	0.2518
261	SLE RA 9	-0.72	-0.22	34.85	5.8995	-0.048	0.2469
261	SLE RA 10	-0.72	-0.2	36.6	6.1886	-0.0511	0.2471
261	SLE RA 11	-0.75	-0.19	37.2	6.2187	-0.0516	0.26
261	SLE RA 12	-0.74	-0.19	37.14	6.2472	-0.0518	0.2551
261	SLE RA 13	-0.72	-0.2	36.92	6.2388	-0.0516	0.2497
261	SLE RA 14	-0.76	-0.19	37.53	6.2689	-0.0522	0.2627
261	SLE RA 15	-0.75	-0.2	37.47	6.2973	-0.0523	0.2578
261	SLE RA 16	-0.76	-0.19	37.35	6.2416	-0.0519	0.2607
261	SLE RA 17	-0.74	-0.2	37.29	6.27	-0.052	0.2557
261	SLE RA 18	-0.75	-0.18	37.74	6.3	-0.0526	0.2591
261	SLE RA 19	-0.74	-0.19	37.68	6.3285	-0.0527	0.2541
261	SLE RA 20	-0.76	-0.18	38.07	6.3502	-0.0531	0.2618
261	SLE RA 21	-0.74	-0.19	38.01	6.3786	-0.0532	0.2568
261	SLE FR 1	-0.71	-0.2	34.25	5.7707	-0.0469	0.2465
261	SLE FR 2	-0.71	-0.21	34.23	5.7802	-0.0469	0.2448



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
261	SLE FR 3	-0.72	-0.2	34.38	5.7908	-0.0471	0.2476
261	SLE FR 4	-0.72	-0.2	35.28	5.939	-0.0486	0.2486
261	SLE FR 5	-0.73	-0.2	35.43	5.9496	-0.0488	0.2513
261	SLE FR 6	-0.73	-0.19	36	6.0354	-0.0498	0.2528
261	SLE QP 1	-0.71	-0.2	34.25	5.7707	-0.0469	0.2465
261	SLE QP 2	-0.73	-0.2	35.3	5.9295	-0.0486	0.2503
261	SLD 1	2.94	0.01	40.65	6.4875	-0.0408	-1.0353
261	SLD 2	3.31	-0.29	40.34	6.4526	-0.0408	-1.1631
261	SLD 3	3.01	-0.95	39.95	6.3304	-0.0391	-1.0575
261	SLD 4	3.37	-1.25	39.65	6.2955	-0.0392	-1.1853
261	SLD 5	0.21	1.37	38	6.3415	-0.0488	-0.0788
261	SLD 6	0.45	1.17	37.8	6.3185	-0.0488	-0.163
261	SLD 7	0.42	-1.82	35.7	5.8177	-0.0432	-0.1528
261	SLD 8	0.67	-2.01	35.5	5.7947	-0.0432	-0.237
261	SLD 9	-2.12	1.62	35.09	6.0643	-0.054	0.7375
261	SLD 10	-1.88	1.43	34.89	6.0413	-0.054	0.6534
261	SLD 11	-1.91	-1.56	32.79	5.5405	-0.0484	0.6635
261	SLD 12	-1.66	-1.76	32.59	5.5175	-0.0484	0.5793
261	SLD 13	-4.82	0.86	30.94	5.5635	-0.0581	1.6859
261	SLD 14	-4.46	0.56	30.64	5.5286	-0.0581	1.558
261	SLD 15	-4.76	-0.1	30.25	5.4064	-0.0564	1.6637
261	SLD 16	-4.39	-0.4	29.95	5.3715	-0.0564	1.5358
261	SLV 1	7.86	0.25	47.79	7.2334	-0.0303	-2.7577
261	SLV 2	8.71	-0.45	47.08	7.1521	-0.0304	-3.0554
261	SLV 3	8.01	-1.92	46.22	6.8706	-0.0265	-2.8094
261	SLV 4	8.86	-2.62	45.52	6.7894	-0.0265	-3.1071
261	SLV 5	1.48	3.35	41.54	6.8849	-0.0489	-0.522
261	SLV 6	2.03	2.9	41.09	6.8323	-0.049	-0.7147
261	SLV 7	1.97	-3.88	36.32	5.6758	-0.0361	-0.6944
261	SLV 8	2.52	-4.33	35.87	5.6232	-0.0362	-0.887
261	SLV 9	-3.97	3.94	34.73	6.2358	-0.0611	1.3876
261	SLV 10	-3.42	3.49	34.27	6.1832	-0.0611	1.1949
261	SLV 11	-3.48	-3.29	29.51	5.0267	-0.0482	1.2152
261	SLV 12	-2.93	-3.74	29.05	4.9741	-0.0483	1.0225
261	SLV 13	-10.31	2.23	25.08	5.0696	-0.0707	3.6076
261	SLV 14	-9.46	1.53	24.37	4.9883	-0.0708	3.3099
261	SLV 15	-10.16	0.06	23.51	4.7069	-0.0668	3.5559
261	SLV 16	-9.31	-0.64	22.81	4.6256	-0.0669	3.2582
261	CRTFP Ux+	0	0	0	0	0	0
261	CRTFP Ux-	0	0	0	0	0	0
261	CRTFP Uy+	0	0	0	0	0	0
261	CRTFP Uy-	0	0	0	0	0	0
262	SLU 1	-0.69	-0.33	34.79	6.9397	-0.057	0.236
262	SLU 2	-0.65	-0.33	34.65	6.9976	-0.0573	0.2229
262	SLU 3	-0.71	-0.33	35.59	7.0889	-0.0584	0.243
262	SLU 4	-0.68	-0.33	35.51	7.1237	-0.0586	0.2352
262	SLU 5	-0.66	-0.34	35.17	7.0942	-0.0583	0.2269
262	SLU 6	-0.72	-0.33	36.11	7.1855	-0.0593	0.247
262	SLU 7	-0.69	-0.34	36.03	7.2203	-0.0595	0.2392
262	SLU 8	-0.71	-0.34	35.83	7.1328	-0.0588	0.244
262	SLU 9	-0.69	-0.34	35.74	7.1676	-0.0591	0.2361
262	SLU 10	-0.69	-0.32	38.52	7.7184	-0.0648	0.236
262	SLU 11	-0.74	-0.31	39.46	7.8097	-0.0658	0.2561
262	SLU 12	-0.72	-0.32	39.38	7.8445	-0.066	0.2483
262	SLU 13	-0.7	-0.32	39.04	7.815	-0.0657	0.24
262	SLU 14	-0.76	-0.32	39.98	7.9063	-0.0668	0.2601
262	SLU 15	-0.73	-0.32	39.89	7.9411	-0.067	0.2523
262	SLU 16	-0.75	-0.32	39.69	7.8536	-0.0663	0.2571
262	SLU 17	-0.72	-0.33	39.61	7.8884	-0.0665	0.2493
262	SLU 18	-0.74	-0.3	40.31	7.9694	-0.0676	0.2547
262	SLU 19	-0.72	-0.31	40.23	8.0042	-0.0678	0.2469
262	SLU 20	-0.75	-0.31	40.83	8.0659	-0.0685	0.2587
262	SLU 21	-0.73	-0.31	40.75	8.1007	-0.0687	0.2509
262	SLU 22	-0.78	-0.29	38.47	7.6213	-0.0634	0.2671
262	SLU 23	-0.74	-0.3	38.34	7.6792	-0.0638	0.254
262	SLU 24	-0.8	-0.29	39.27	7.7705	-0.0649	0.2741
262	SLU 25	-0.77	-0.3	39.19	7.8053	-0.0651	0.2663
262	SLU 26	-0.75	-0.3	38.85	7.7758	-0.0647	0.258
262	SLU 27	-0.81	-0.3	39.79	7.8671	-0.0658	0.2781
262	SLU 28	-0.78	-0.3	39.71	7.9019	-0.066	0.2703
262	SLU 29	-0.8	-0.3	39.51	7.8144	-0.0653	0.2751
262	SLU 30	-0.77	-0.31	39.43	7.8492	-0.0655	0.2672
262	SLU 31	-0.77	-0.28	42.2	8.4	-0.0712	0.2671
262	SLU 32	-0.83	-0.28	43.14	8.4913	-0.0723	0.2872
262	SLU 33	-0.81	-0.28	43.06	8.5261	-0.0725	0.2794
262	SLU 34	-0.79	-0.29	42.72	8.4966	-0.0722	0.2711
262	SLU 35	-0.85	-0.28	43.66	8.5879	-0.0732	0.2912
262	SLU 36	-0.82	-0.29	43.58	8.6227	-0.0734	0.2834
262	SLU 37	-0.84	-0.29	43.37	8.5352	-0.0727	0.2882
262	SLU 38	-0.81	-0.29	43.29	8.57	-0.073	0.2804
262	SLU 39	-0.83	-0.27	43.99	8.651	-0.0741	0.2858
262	SLU 40	-0.81	-0.27	43.91	8.6857	-0.0743	0.278
262	SLU 41	-0.84	-0.27	44.51	8.7475	-0.075	0.2898
262	SLU 42	-0.82	-0.28	44.43	8.7823	-0.0752	0.282
262	SLU 43	-0.86	-0.44	43.96	8.7879	-0.0718	0.2961
262	SLU 44	-0.82	-0.44	43.83	8.8459	-0.0722	0.283
262	SLU 45	-0.88	-0.44	44.77	8.9371	-0.0733	0.3031
262	SLU 46	-0.86	-0.44	44.68	8.9719	-0.0735	0.2953
262	SLU 47	-0.83	-0.45	44.35	8.9424	-0.0731	0.287



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
262	SLU 48	-0.89	-0.44	45.28	9.0337	-0.0742	0.3071
262	SLU 49	-0.87	-0.45	45.2	9.0685	-0.0744	0.2993
262	SLU 50	-0.88	-0.45	45	8.981	-0.0737	0.3041
262	SLU 51	-0.86	-0.45	44.92	9.0158	-0.0739	0.2962
262	SLU 52	-0.86	-0.43	47.69	9.5666	-0.0796	0.2962
262	SLU 53	-0.92	-0.42	48.63	9.6579	-0.0807	0.3163
262	SLU 54	-0.9	-0.43	48.55	9.6927	-0.0809	0.3084
262	SLU 55	-0.87	-0.43	48.21	9.6632	-0.0806	0.3002
262	SLU 56	-0.93	-0.43	49.15	9.7545	-0.0816	0.3203
262	SLU 57	-0.91	-0.43	49.07	9.7893	-0.0818	0.3124
262	SLU 58	-0.92	-0.43	48.87	9.7018	-0.0811	0.3172
262	SLU 59	-0.9	-0.44	48.79	9.7366	-0.0814	0.3094
262	SLU 60	-0.92	-0.41	49.49	9.8176	-0.0825	0.3149
262	SLU 61	-0.89	-0.42	49.41	9.8524	-0.0827	0.307
262	SLU 62	-0.93	-0.42	50.01	9.9142	-0.0834	0.3189
262	SLU 63	-0.9	-0.42	49.92	9.9489	-0.0836	0.311
262	SLU 64	-0.95	-0.4	47.65	9.4695	-0.0783	0.3272
262	SLU 65	-0.91	-0.41	47.51	9.5275	-0.0787	0.3141
262	SLU 66	-0.97	-0.4	48.45	9.6187	-0.0797	0.3342
262	SLU 67	-0.95	-0.41	48.37	9.6535	-0.0799	0.3264
262	SLU 68	-0.92	-0.41	48.03	9.624	-0.0796	0.3181
262	SLU 69	-0.98	-0.41	48.97	9.7153	-0.0807	0.3382
262	SLU 70	-0.96	-0.41	48.88	9.7501	-0.0809	0.3304
262	SLU 71	-0.97	-0.41	48.68	9.6626	-0.0802	0.3352
262	SLU 72	-0.95	-0.42	48.6	9.6974	-0.0804	0.3274
262	SLU 73	-0.95	-0.39	51.38	10.2482	-0.0861	0.3273
262	SLU 74	-1.01	-0.39	52.31	10.3395	-0.0872	0.3474
262	SLU 75	-0.99	-0.39	52.23	10.3743	-0.0874	0.3395
262	SLU 76	-0.96	-0.4	51.89	10.3448	-0.087	0.3313
262	SLU 77	-1.02	-0.39	52.83	10.4361	-0.0881	0.3514
262	SLU 78	-1	-0.4	52.75	10.4709	-0.0883	0.3435
262	SLU 79	-1.01	-0.4	52.55	10.3834	-0.0876	0.3483
262	SLU 80	-0.99	-0.4	52.47	10.4182	-0.0878	0.3405
262	SLU 81	-1.01	-0.38	53.17	10.4992	-0.0889	0.346
262	SLU 82	-0.98	-0.38	53.09	10.534	-0.0891	0.3381
262	SLU 83	-1.02	-0.38	53.69	10.5957	-0.0899	0.35
262	SLU 84	-0.99	-0.39	53.61	10.6305	-0.0901	0.3421
262	SLE RA 1	-0.71	-0.32	35.84	7.1344	-0.0588	0.2449
262	SLE RA 2	-0.69	-0.32	35.75	7.1731	-0.0591	0.2361
262	SLE RA 3	-0.72	-0.32	36.38	7.2339	-0.0598	0.2495
262	SLE RA 4	-0.71	-0.32	36.32	7.2571	-0.0599	0.2443
262	SLE RA 5	-0.69	-0.32	36.1	7.2374	-0.0597	0.2388
262	SLE RA 6	-0.73	-0.32	36.72	7.2983	-0.0604	0.2522
262	SLE RA 7	-0.72	-0.32	36.67	7.3215	-0.0605	0.247
262	SLE RA 8	-0.73	-0.32	36.53	7.2632	-0.0601	0.2502
262	SLE RA 9	-0.71	-0.33	36.48	7.2864	-0.0602	0.245
262	SLE RA 10	-0.71	-0.31	38.33	7.6536	-0.064	0.2449
262	SLE RA 11	-0.75	-0.31	38.95	7.7144	-0.0647	0.2583
262	SLE RA 12	-0.73	-0.31	38.9	7.7376	-0.0649	0.2531
262	SLE RA 13	-0.72	-0.31	38.67	7.718	-0.0646	0.2476
262	SLE RA 14	-0.76	-0.31	39.3	7.7788	-0.0653	0.261
262	SLE RA 15	-0.74	-0.31	39.24	7.802	-0.0655	0.2557
262	SLE RA 16	-0.75	-0.31	39.11	7.7437	-0.065	0.2589
262	SLE RA 17	-0.74	-0.32	39.06	7.7669	-0.0652	0.2537
262	SLE RA 18	-0.75	-0.3	39.52	7.8209	-0.0659	0.2574
262	SLE RA 19	-0.73	-0.3	39.47	7.8441	-0.066	0.2521
262	SLE RA 20	-0.76	-0.31	39.87	7.8853	-0.0665	0.26
262	SLE RA 21	-0.74	-0.31	39.81	7.9084	-0.0667	0.2548
262	SLE FR 1	-0.71	-0.32	35.84	7.1344	-0.0588	0.2449
262	SLE FR 2	-0.71	-0.32	35.82	7.1421	-0.0589	0.2431
262	SLE FR 3	-0.71	-0.32	35.98	7.1602	-0.0591	0.2459
262	SLE FR 4	-0.72	-0.31	36.93	7.3481	-0.061	0.2469
262	SLE FR 5	-0.73	-0.31	37.08	7.3661	-0.0612	0.2497
262	SLE FR 6	-0.73	-0.31	37.68	7.4776	-0.0624	0.2511
262	SLE QP 1	-0.71	-0.32	35.84	7.1344	-0.0588	0.2449
262	SLE QP 2	-0.72	-0.31	36.95	7.3403	-0.0609	0.2486
262	SLD 1	2.95	-0.15	42.09	8.0284	-0.0554	-1.0374
262	SLD 2	3.31	-0.43	41.79	7.9848	-0.0553	-1.1652
262	SLD 3	3.01	-1.11	41.36	7.863	-0.0534	-1.0596
262	SLD 4	3.38	-1.4	41.05	7.8194	-0.0533	-1.1874
262	SLD 5	0.22	1.25	39.66	7.8054	-0.0623	-0.0806
262	SLD 6	0.46	1.06	39.46	7.7767	-0.0622	-0.1648
262	SLD 7	0.43	-1.96	37.21	7.2542	-0.0557	-0.1546
262	SLD 8	0.67	-2.15	37.01	7.2254	-0.0557	-0.2388
262	SLD 9	-2.11	1.52	36.88	7.4552	-0.0662	0.736
262	SLD 10	-1.87	1.33	36.68	7.4265	-0.0662	0.6519
262	SLD 11	-1.9	-1.68	34.43	6.904	-0.0597	0.662
262	SLD 12	-1.66	-1.87	34.23	6.8753	-0.0596	0.5779
262	SLD 13	-4.82	0.77	32.84	6.8613	-0.0686	1.6846
262	SLD 14	-4.46	0.49	32.54	6.8177	-0.0685	1.5569
262	SLD 15	-4.76	-0.19	32.1	6.6959	-0.0666	1.6624
262	SLD 16	-4.39	-0.48	31.8	6.6523	-0.0665	1.5347
262	SLV 1	7.87	0.04	48.96	8.9466	-0.0478	-2.7605
262	SLV 2	8.72	-0.63	48.26	8.8451	-0.0476	-3.058
262	SLV 3	8.01	-2.14	47.3	8.5683	-0.0433	-2.8122
262	SLV 4	8.87	-2.81	46.59	8.4667	-0.0431	-3.1097
262	SLV 5	1.49	3.22	43.2	8.4137	-0.0639	-0.5241
262	SLV 6	2.04	2.78	42.74	8.348	-0.0637	-0.7166
262	SLV 7	1.97	-4.05	37.65	7.1525	-0.0489	-0.6964



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
262	SLV 8	2.52	-4.48	37.19	7.0868	-0.0487	-0.8889
262	SLV 9	-3.97	3.86	36.7	7.5939	-0.0731	1.3861
262	SLV 10	-3.42	3.43	36.24	7.5282	-0.073	1.1937
262	SLV 11	-3.48	-3.41	31.15	6.3327	-0.0581	1.2138
262	SLV 12	-2.93	-3.84	30.69	6.267	-0.058	1.0213
262	SLV 13	-10.31	2.19	27.3	6.214	-0.0787	3.6069
262	SLV 14	-9.46	1.52	26.6	6.1124	-0.0785	3.3094
262	SLV 15	-10.16	0.01	25.64	5.8356	-0.0742	3.5552
262	SLV 16	-9.31	-0.66	24.93	5.7341	-0.074	3.2577
262	CRTFP Ux+	0	0	0	0	0	0
262	CRTFP Ux-	0	0	0	0	0	0
262	CRTFP Uy+	0	0	0	0	0	0
262	CRTFP Uy-	0	0	0	0	0	0
263	SLU 1	-0.68	-0.45	36.6	8.5081	-0.0633	0.234
263	SLU 2	-0.64	-0.44	36.48	8.549	-0.0637	0.2203
263	SLU 3	-0.7	-0.45	37.45	8.6965	-0.0649	0.2409
263	SLU 4	-0.68	-0.45	37.38	8.7211	-0.0651	0.2327
263	SLU 5	-0.65	-0.45	37.03	8.6709	-0.0647	0.2242
263	SLU 6	-0.71	-0.46	38	8.8184	-0.0659	0.2449
263	SLU 7	-0.69	-0.45	37.92	8.843	-0.0662	0.2367
263	SLU 8	-0.7	-0.46	37.7	8.7518	-0.0654	0.2419
263	SLU 9	-0.68	-0.46	37.62	8.7764	-0.0656	0.2337
263	SLU 10	-0.68	-0.43	40.58	9.4657	-0.0719	0.2333
263	SLU 11	-0.74	-0.45	41.55	9.6132	-0.0731	0.2539
263	SLU 12	-0.71	-0.44	41.48	9.6378	-0.0734	0.2457
263	SLU 13	-0.69	-0.44	41.13	9.5876	-0.073	0.2372
263	SLU 14	-0.75	-0.46	42.1	9.7351	-0.0741	0.2579
263	SLU 15	-0.73	-0.45	42.03	9.7597	-0.0744	0.2496
263	SLU 16	-0.74	-0.46	41.8	9.6685	-0.0736	0.2549
263	SLU 17	-0.72	-0.45	41.73	9.6931	-0.0738	0.2467
263	SLU 18	-0.74	-0.44	42.46	9.8176	-0.0751	0.2525
263	SLU 19	-0.71	-0.44	42.39	9.8422	-0.0753	0.2443
263	SLU 20	-0.75	-0.45	43.01	9.9395	-0.0761	0.2565
263	SLU 21	-0.72	-0.44	42.94	9.9641	-0.0763	0.2483
263	SLU 22	-0.77	-0.42	40.49	9.3723	-0.0705	0.2647
263	SLU 23	-0.73	-0.41	40.37	9.4133	-0.0709	0.251
263	SLU 24	-0.79	-0.43	41.34	9.5608	-0.0721	0.2717
263	SLU 25	-0.77	-0.42	41.26	9.5854	-0.0723	0.2634
263	SLU 26	-0.74	-0.42	40.92	9.5352	-0.0719	0.255
263	SLU 27	-0.8	-0.44	41.89	9.6827	-0.0731	0.2756
263	SLU 28	-0.78	-0.43	41.81	9.7073	-0.0733	0.2674
263	SLU 29	-0.79	-0.44	41.59	9.6161	-0.0726	0.2727
263	SLU 30	-0.77	-0.43	41.51	9.6407	-0.0728	0.2644
263	SLU 31	-0.77	-0.41	44.47	10.33	-0.0791	0.264
263	SLU 32	-0.83	-0.43	45.44	10.4775	-0.0803	0.2847
263	SLU 33	-0.8	-0.42	45.37	10.5021	-0.0805	0.2764
263	SLU 34	-0.78	-0.42	45.02	10.4519	-0.0802	0.268
263	SLU 35	-0.84	-0.43	45.99	10.5994	-0.0813	0.2886
263	SLU 36	-0.82	-0.43	45.91	10.6239	-0.0816	0.2804
263	SLU 37	-0.83	-0.44	45.69	10.5328	-0.0808	0.2857
263	SLU 38	-0.81	-0.43	45.62	10.5573	-0.081	0.2774
263	SLU 39	-0.82	-0.42	46.35	10.6819	-0.0822	0.2833
263	SLU 40	-0.8	-0.41	46.28	10.7065	-0.0825	0.2751
263	SLU 41	-0.84	-0.43	46.9	10.8038	-0.0833	0.2873
263	SLU 42	-0.81	-0.42	46.83	10.8283	-0.0835	0.279
263	SLU 43	-0.85	-0.59	46.25	10.7642	-0.0798	0.2936
263	SLU 44	-0.81	-0.58	46.13	10.8051	-0.0802	0.2799
263	SLU 45	-0.87	-0.6	47.1	10.9526	-0.0814	0.3005
263	SLU 46	-0.85	-0.59	47.02	10.9772	-0.0817	0.2923
263	SLU 47	-0.83	-0.59	46.68	10.927	-0.0813	0.2839
263	SLU 48	-0.89	-0.6	47.65	11.0745	-0.0824	0.3045
263	SLU 49	-0.86	-0.6	47.57	11.0991	-0.0827	0.2963
263	SLU 50	-0.88	-0.61	47.35	11.0079	-0.0819	0.3015
263	SLU 51	-0.85	-0.6	47.27	11.0325	-0.0821	0.2933
263	SLU 52	-0.85	-0.58	50.23	11.7218	-0.0885	0.2929
263	SLU 53	-0.91	-0.59	51.2	11.8693	-0.0896	0.3135
263	SLU 54	-0.89	-0.59	51.13	11.8939	-0.0899	0.3053
263	SLU 55	-0.86	-0.59	50.78	11.8437	-0.0895	0.2969
263	SLU 56	-0.92	-0.6	51.75	11.9912	-0.0907	0.3175
263	SLU 57	-0.9	-0.59	51.67	12.0158	-0.0909	0.3093
263	SLU 58	-0.92	-0.6	51.45	11.9246	-0.0901	0.3145
263	SLU 59	-0.89	-0.6	51.38	11.9492	-0.0904	0.3063
263	SLU 60	-0.91	-0.59	52.11	12.0737	-0.0916	0.3122
263	SLU 61	-0.88	-0.58	52.04	12.0983	-0.0918	0.304
263	SLU 62	-0.92	-0.59	52.66	12.1956	-0.0926	0.3161
263	SLU 63	-0.9	-0.59	52.59	12.2202	-0.0929	0.3079
263	SLU 64	-0.94	-0.57	50.14	11.6284	-0.087	0.3244
263	SLU 65	-0.9	-0.56	50.02	11.6694	-0.0874	0.3107
263	SLU 66	-0.96	-0.57	50.99	11.8169	-0.0886	0.3313
263	SLU 67	-0.94	-0.57	50.91	11.8415	-0.0888	0.3231
263	SLU 68	-0.91	-0.56	50.56	11.7913	-0.0885	0.3147
263	SLU 69	-0.98	-0.58	51.53	11.9388	-0.0896	0.3353
263	SLU 70	-0.95	-0.57	51.46	11.9634	-0.0899	0.3271
263	SLU 71	-0.97	-0.58	51.24	11.8722	-0.0891	0.3323
263	SLU 72	-0.94	-0.58	51.16	11.8968	-0.0893	0.3241
263	SLU 73	-0.94	-0.55	54.12	12.5861	-0.0957	0.3237
263	SLU 74	-1	-0.57	55.09	12.7336	-0.0968	0.3443
263	SLU 75	-0.98	-0.56	55.01	12.7582	-0.0971	0.3361
263	SLU 76	-0.95	-0.56	54.67	12.708	-0.0967	0.3276



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
263	SLU 77	-1.01	-0.58	55.64	12.8555	-0.0979	0.3483
263	SLU 78	-0.99	-0.57	55.56	12.88	-0.0981	0.34
263	SLU 79	-1	-0.58	55.34	12.7889	-0.0973	0.3453
263	SLU 80	-0.98	-0.57	55.26	12.8134	-0.0976	0.3371
263	SLU 81	-1	-0.56	56	12.938	-0.0988	0.3429
263	SLU 82	-0.97	-0.56	55.93	12.9626	-0.099	0.3347
263	SLU 83	-1.01	-0.57	56.55	13.0598	-0.0998	0.3469
263	SLU 84	-0.99	-0.56	56.47	13.0844	-0.1001	0.3387
263	SLE RA 1	-0.71	-0.44	37.71	8.755	-0.0654	0.2428
263	SLE RA 2	-0.68	-0.43	37.63	8.7823	-0.0656	0.2336
263	SLE RA 3	-0.72	-0.44	38.28	8.8806	-0.0664	0.2474
263	SLE RA 4	-0.7	-0.44	38.23	8.897	-0.0666	0.2419
263	SLE RA 5	-0.69	-0.44	38	8.8636	-0.0663	0.2363
263	SLE RA 6	-0.73	-0.45	38.64	8.9619	-0.0671	0.25
263	SLE RA 7	-0.71	-0.45	38.59	8.9783	-0.0673	0.2445
263	SLE RA 8	-0.72	-0.45	38.45	8.9175	-0.0667	0.248
263	SLE RA 9	-0.71	-0.45	38.4	8.9339	-0.0669	0.2426
263	SLE RA 10	-0.7	-0.43	40.37	9.3934	-0.0711	0.2423
263	SLE RA 11	-0.75	-0.44	41.01	9.4918	-0.0719	0.256
263	SLE RA 12	-0.73	-0.44	40.96	9.5081	-0.0721	0.2506
263	SLE RA 13	-0.71	-0.44	40.73	9.4747	-0.0718	0.2449
263	SLE RA 14	-0.75	-0.45	41.38	9.573	-0.0726	0.2587
263	SLE RA 15	-0.74	-0.44	41.33	9.5894	-0.0727	0.2532
263	SLE RA 16	-0.75	-0.45	41.18	9.5286	-0.0722	0.2567
263	SLE RA 17	-0.73	-0.44	41.13	9.545	-0.0724	0.2512
263	SLE RA 18	-0.74	-0.44	41.62	9.628	-0.0732	0.2551
263	SLE RA 19	-0.73	-0.43	41.57	9.6444	-0.0734	0.2497
263	SLE RA 20	-0.75	-0.44	41.99	9.7093	-0.0739	0.2578
263	SLE RA 21	-0.73	-0.44	41.94	9.7257	-0.074	0.2523
263	SLE FR 1	-0.71	-0.44	37.71	8.755	-0.0654	0.2428
263	SLE FR 2	-0.7	-0.44	37.7	8.7605	-0.0654	0.2409
263	SLE FR 3	-0.71	-0.44	37.86	8.7875	-0.0656	0.2438
263	SLE FR 4	-0.71	-0.44	38.87	9.0224	-0.0678	0.2446
263	SLE FR 5	-0.72	-0.44	39.03	9.0494	-0.068	0.2475
263	SLE FR 6	-0.72	-0.44	39.67	9.1915	-0.0693	0.2489
263	SLE QP 1	-0.71	-0.44	37.71	8.755	-0.0654	0.2428
263	SLE QP 2	-0.72	-0.44	38.89	9.0169	-0.0677	0.2465
263	SLD 1	2.96	-0.31	43.88	9.8763	-0.0633	-1.0398
263	SLD 2	3.32	-0.58	43.58	9.8224	-0.0632	-1.1673
263	SLD 3	3.02	-1.28	43.1	9.6941	-0.0613	-1.0619
263	SLD 4	3.38	-1.56	42.79	9.6403	-0.0612	-1.1894
263	SLD 5	0.23	1.13	41.63	9.5607	-0.0694	-0.0883
263	SLD 6	0.47	0.95	41.43	9.5252	-0.0693	-0.167
263	SLD 7	0.43	-2.12	39.02	8.9534	-0.0629	-0.1567
263	SLD 8	0.67	-2.31	38.81	8.9179	-0.0628	-0.2407
263	SLD 9	-2.11	1.42	38.96	9.1159	-0.0726	0.7336
263	SLD 10	-1.87	1.24	38.76	9.0804	-0.0726	0.6496
263	SLD 11	-1.9	-1.83	36.34	8.5086	-0.0661	0.6599
263	SLD 12	-1.66	-2.01	36.14	8.4731	-0.0661	0.576
263	SLD 13	-4.82	0.68	34.98	8.3935	-0.0742	1.6823
263	SLD 14	-4.45	0.4	34.67	8.3397	-0.0741	1.5548
263	SLD 15	-4.75	-0.3	34.2	8.2114	-0.0722	1.6602
263	SLD 16	-4.39	-0.58	33.89	8.1575	-0.0721	1.5327
263	SLV 1	7.88	-0.16	50.55	11.0223	-0.0573	-2.7631
263	SLV 2	8.73	-0.81	49.84	10.8968	-0.057	-3.06
263	SLV 3	8.02	-2.37	48.77	10.6082	-0.0529	-2.8146
263	SLV 4	8.87	-3.02	48.06	10.4828	-0.0526	-3.1115
263	SLV 5	1.49	3.11	45.21	10.2683	-0.0714	-0.5268
263	SLV 6	2.04	2.69	44.74	10.1871	-0.0712	-0.7189
263	SLV 7	1.98	-4.26	39.28	8.888	-0.0565	-0.6984
263	SLV 8	2.53	-4.68	38.82	8.8069	-0.0564	-0.8906
263	SLV 9	-3.96	3.8	38.95	9.2269	-0.0791	1.3835
263	SLV 10	-3.41	3.38	38.49	9.1458	-0.0789	1.1913
263	SLV 11	-3.48	-3.57	33.03	7.8467	-0.0642	1.2119
263	SLV 12	-2.93	-3.99	32.57	7.7655	-0.064	1.0197
263	SLV 13	-10.3	2.14	29.71	7.551	-0.0828	3.6045
263	SLV 14	-9.45	1.49	29	7.4256	-0.0826	3.3075
263	SLV 15	-10.16	-0.07	27.94	7.137	-0.0784	3.553
263	SLV 16	-9.31	-0.72	27.22	7.0115	-0.0781	3.256
263	CRTFP Ux+	0	0	0	0	0	0
263	CRTFP Ux-	0	0	0	0	0	0
263	CRTFP Uy+	0	0	0	0	0	0
263	CRTFP Uy-	0	0	0	0	0	0
264	SLU 1	-0.67	-0.58	38.49	10.2141	-0.0612	0.2313
264	SLU 2	-0.63	-0.55	38.38	10.2357	-0.0617	0.2171
264	SLU 3	-0.69	-0.59	39.38	10.4452	-0.0627	0.2381
264	SLU 4	-0.67	-0.57	39.32	10.4582	-0.063	0.2296
264	SLU 5	-0.64	-0.56	38.96	10.3851	-0.0626	0.221
264	SLU 6	-0.71	-0.6	39.96	10.5946	-0.0637	0.242
264	SLU 7	-0.68	-0.58	39.89	10.6076	-0.064	0.2335
264	SLU 8	-0.7	-0.6	39.65	10.5128	-0.0632	0.2391
264	SLU 9	-0.67	-0.58	39.58	10.5258	-0.0635	0.2306
264	SLU 10	-0.67	-0.56	42.73	11.3655	-0.0696	0.2298
264	SLU 11	-0.73	-0.6	43.73	11.575	-0.0707	0.2509
264	SLU 12	-0.71	-0.58	43.66	11.588	-0.071	0.2423
264	SLU 13	-0.68	-0.57	43.3	11.5149	-0.0706	0.2338
264	SLU 14	-0.74	-0.61	44.31	11.7244	-0.0717	0.2548
264	SLU 15	-0.72	-0.59	44.24	11.7374	-0.072	0.2463
264	SLU 16	-0.73	-0.61	43.99	11.6426	-0.0712	0.2519



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
264	SLU 17	-0.71	-0.59	43.93	11.6556	-0.0714	0.2434
264	SLU 18	-0.73	-0.6	44.7	11.8281	-0.0726	0.2495
264	SLU 19	-0.7	-0.58	44.63	11.8411	-0.0729	0.241
264	SLU 20	-0.74	-0.61	45.28	11.9775	-0.0736	0.2534
264	SLU 21	-0.71	-0.59	45.21	11.9904	-0.0739	0.2449
264	SLU 22	-0.76	-0.57	42.59	11.2771	-0.0681	0.2616
264	SLU 23	-0.72	-0.54	42.48	11.2987	-0.0686	0.2474
264	SLU 24	-0.78	-0.58	43.48	11.5082	-0.0696	0.2684
264	SLU 25	-0.76	-0.56	43.42	11.5212	-0.0699	0.2599
264	SLU 26	-0.73	-0.55	43.06	11.4481	-0.0695	0.2513
264	SLU 27	-0.79	-0.59	44.06	11.6576	-0.0706	0.2723
264	SLU 28	-0.77	-0.57	44	11.6706	-0.0709	0.2638
264	SLU 29	-0.78	-0.59	43.75	11.5758	-0.0701	0.2694
264	SLU 30	-0.76	-0.57	43.68	11.5888	-0.0704	0.2609
264	SLU 31	-0.76	-0.55	46.83	12.4285	-0.0765	0.2601
264	SLU 32	-0.82	-0.59	47.83	12.638	-0.0776	0.2811
264	SLU 33	-0.79	-0.57	47.76	12.651	-0.0779	0.2726
264	SLU 34	-0.77	-0.56	47.41	12.5779	-0.0775	0.264
264	SLU 35	-0.83	-0.6	48.41	12.7874	-0.0786	0.2851
264	SLU 36	-0.81	-0.58	48.34	12.8004	-0.0789	0.2765
264	SLU 37	-0.82	-0.6	48.1	12.7056	-0.0781	0.2822
264	SLU 38	-0.8	-0.58	48.03	12.7186	-0.0783	0.2737
264	SLU 39	-0.82	-0.58	48.8	12.8911	-0.0795	0.2798
264	SLU 40	-0.79	-0.57	48.73	12.9041	-0.0798	0.2713
264	SLU 41	-0.83	-0.59	49.38	13.0405	-0.0805	0.2837
264	SLU 42	-0.8	-0.58	49.31	13.0534	-0.0808	0.2752
264	SLU 43	-0.85	-0.76	48.63	12.9139	-0.0772	0.2903
264	SLU 44	-0.8	-0.73	48.52	12.9355	-0.0777	0.2761
264	SLU 45	-0.87	-0.77	49.52	13.145	-0.0787	0.2971
264	SLU 46	-0.84	-0.75	49.46	13.158	-0.079	0.2886
264	SLU 47	-0.82	-0.74	49.1	13.0849	-0.0786	0.28
264	SLU 48	-0.88	-0.78	50.1	13.2944	-0.0797	0.301
264	SLU 49	-0.85	-0.76	50.03	13.3074	-0.08	0.2925
264	SLU 50	-0.87	-0.78	49.79	13.2126	-0.0792	0.2981
264	SLU 51	-0.84	-0.76	49.72	13.2256	-0.0795	0.2896
264	SLU 52	-0.84	-0.74	52.87	14.0653	-0.0856	0.2888
264	SLU 53	-0.9	-0.78	53.87	14.2748	-0.0867	0.3099
264	SLU 54	-0.88	-0.76	53.8	14.2878	-0.087	0.3013
264	SLU 55	-0.85	-0.75	53.44	14.2147	-0.0866	0.2928
264	SLU 56	-0.92	-0.79	54.45	14.4242	-0.0877	0.3138
264	SLU 57	-0.89	-0.77	54.38	14.4372	-0.088	0.3053
264	SLU 58	-0.91	-0.79	54.14	14.3424	-0.0872	0.3109
264	SLU 59	-0.88	-0.77	54.07	14.3554	-0.0874	0.3024
264	SLU 60	-0.9	-0.78	54.84	14.5279	-0.0886	0.3085
264	SLU 61	-0.87	-0.76	54.77	14.5409	-0.0889	0.3
264	SLU 62	-0.91	-0.79	55.42	14.6772	-0.0896	0.3124
264	SLU 63	-0.89	-0.77	55.35	14.6902	-0.0899	0.3039
264	SLU 64	-0.93	-0.75	52.73	13.9769	-0.0841	0.3206
264	SLU 65	-0.89	-0.72	52.62	13.9985	-0.0846	0.3064
264	SLU 66	-0.95	-0.76	53.62	14.208	-0.0856	0.3274
264	SLU 67	-0.93	-0.74	53.56	14.221	-0.0859	0.3189
264	SLU 68	-0.9	-0.73	53.2	14.1479	-0.0855	0.3103
264	SLU 69	-0.97	-0.77	54.2	14.3574	-0.0866	0.3313
264	SLU 70	-0.94	-0.75	54.14	14.3704	-0.0869	0.3228
264	SLU 71	-0.96	-0.77	53.89	14.2756	-0.0861	0.3284
264	SLU 72	-0.93	-0.75	53.82	14.2886	-0.0864	0.3199
264	SLU 73	-0.93	-0.73	56.97	15.1283	-0.0925	0.3191
264	SLU 74	-0.99	-0.77	57.97	15.3378	-0.0936	0.3401
264	SLU 75	-0.97	-0.75	57.91	15.3508	-0.0939	0.3316
264	SLU 76	-0.94	-0.74	57.55	15.2777	-0.0935	0.323
264	SLU 77	-1	-0.78	58.55	15.4872	-0.0946	0.3441
264	SLU 78	-0.98	-0.76	58.48	15.5002	-0.0949	0.3355
264	SLU 79	-0.99	-0.78	58.24	15.4054	-0.0941	0.3412
264	SLU 80	-0.97	-0.76	58.17	15.4184	-0.0943	0.3327
264	SLU 81	-0.99	-0.76	58.94	15.5909	-0.0955	0.3388
264	SLU 82	-0.96	-0.75	58.88	15.6038	-0.0958	0.3303
264	SLU 83	-1	-0.77	59.52	15.7402	-0.0965	0.3427
264	SLU 84	-0.97	-0.75	59.45	15.7532	-0.0968	0.3342
264	SLE RA 1	-0.7	-0.58	39.66	10.5178	-0.0632	0.2399
264	SLE RA 2	-0.67	-0.56	39.59	10.5322	-0.0635	0.2305
264	SLE RA 3	-0.71	-0.58	40.26	10.6719	-0.0642	0.2445
264	SLE RA 4	-0.7	-0.57	40.21	10.6806	-0.0644	0.2388
264	SLE RA 5	-0.68	-0.57	39.97	10.6318	-0.0641	0.2331
264	SLE RA 6	-0.72	-0.59	40.64	10.7715	-0.0649	0.2471
264	SLE RA 7	-0.7	-0.58	40.6	10.7801	-0.065	0.2414
264	SLE RA 8	-0.71	-0.59	40.43	10.717	-0.0645	0.2452
264	SLE RA 9	-0.7	-0.58	40.39	10.7256	-0.0647	0.2395
264	SLE RA 10	-0.7	-0.57	42.49	11.2854	-0.0688	0.239
264	SLE RA 11	-0.74	-0.59	43.16	11.4251	-0.0695	0.253
264	SLE RA 12	-0.72	-0.58	43.11	11.4338	-0.0697	0.2473
264	SLE RA 13	-0.7	-0.57	42.87	11.385	-0.0695	0.2416
264	SLE RA 14	-0.75	-0.6	43.54	11.5247	-0.0702	0.2556
264	SLE RA 15	-0.73	-0.59	43.5	11.5333	-0.0703	0.2499
264	SLE RA 16	-0.74	-0.6	43.33	11.4702	-0.0698	0.2537
264	SLE RA 17	-0.72	-0.59	43.29	11.4788	-0.07	0.248
264	SLE RA 18	-0.74	-0.59	43.8	11.5938	-0.0708	0.2521
264	SLE RA 19	-0.72	-0.58	43.76	11.6025	-0.071	0.2464
264	SLE RA 20	-0.74	-0.59	44.19	11.6934	-0.0714	0.2547
264	SLE RA 21	-0.73	-0.58	44.14	11.702	-0.0716	0.249



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
264	SLE FR 1	-0.7	-0.58	39.66	10.5178	-0.0632	0.2399
264	SLE FR 2	-0.69	-0.58	39.65	10.5207	-0.0632	0.238
264	SLE FR 3	-0.7	-0.58	39.82	10.5576	-0.0635	0.241
264	SLE FR 4	-0.7	-0.58	40.89	10.8435	-0.0655	0.2417
264	SLE FR 5	-0.71	-0.58	41.06	10.8804	-0.0657	0.2446
264	SLE FR 6	-0.72	-0.58	41.73	11.0558	-0.067	0.246
264	SLE QP 1	-0.7	-0.58	39.66	10.5178	-0.0632	0.2399
264	SLE QP 2	-0.71	-0.58	40.9	10.8406	-0.0655	0.2436
264	SLD 1	2.96	-0.46	45.77	11.8878	-0.0608	-1.0425
264	SLD 2	3.33	-0.73	45.46	11.8231	-0.0607	-1.1697
264	SLD 3	3.02	-1.46	44.94	11.6857	-0.0593	-1.0644
264	SLD 4	3.39	-1.73	44.63	11.6211	-0.0592	-1.1916
264	SLD 5	0.23	1.01	43.67	11.4728	-0.0664	-0.0863
264	SLD 6	0.47	0.83	43.47	11.4302	-0.0663	-0.17
264	SLD 7	0.44	-2.3	40.91	10.7993	-0.0613	-0.1592
264	SLD 8	0.68	-2.48	40.71	10.7567	-0.0613	-0.2429
264	SLD 9	-2.1	1.32	41.1	10.9245	-0.0697	0.7301
264	SLD 10	-1.86	1.14	40.89	10.882	-0.0696	0.6464
264	SLD 11	-1.89	-2	38.34	10.251	-0.0646	0.6572
264	SLD 12	-1.65	-2.17	38.13	10.2084	-0.0646	0.5734
264	SLD 13	-4.81	0.56	37.18	10.0602	-0.0717	1.6787
264	SLD 14	-4.44	0.3	36.87	9.9955	-0.0717	1.5516
264	SLD 15	-4.75	-0.43	36.35	9.8581	-0.0702	1.6569
264	SLD 16	-4.38	-0.7	36.04	9.7934	-0.0702	1.5297
264	SLV 1	7.88	-0.35	52.25	13.284	-0.0544	-2.7657
264	SLV 2	8.73	-0.97	51.53	13.1334	-0.0543	-3.0618
264	SLV 3	8.03	-2.6	50.37	12.8261	-0.051	-2.8166
264	SLV 4	8.88	-3.22	49.65	12.6755	-0.0508	-3.1128
264	SLV 5	1.5	3.01	47.28	12.2941	-0.0675	-0.5305
264	SLV 6	2.05	2.61	46.81	12.1967	-0.0674	-0.7221
264	SLV 7	1.98	-4.5	41.02	10.768	-0.0559	-0.7004
264	SLV 8	2.53	-4.9	40.56	10.6706	-0.0558	-0.8921
264	SLV 9	-3.95	3.74	41.25	11.0107	-0.0752	1.3792
264	SLV 10	-3.4	3.33	40.78	10.9132	-0.0751	1.1876
264	SLV 11	-3.47	-3.77	34.99	9.4845	-0.0636	1.2093
264	SLV 12	-2.92	-4.18	34.53	9.3871	-0.0635	1.0176
264	SLV 13	-10.3	2.06	32.15	9.0057	-0.0801	3.6
264	SLV 14	-9.45	1.44	31.43	8.8551	-0.08	3.3038
264	SLV 15	-10.15	-0.19	30.28	8.5478	-0.0766	3.549
264	SLV 16	-9.3	-0.82	29.56	8.3973	-0.0765	3.2528
264	CRTFP Ux+	0	0	0	0	0	0
264	CRTFP Ux-	0	0	0	0	0	0
264	CRTFP Uy+	0	0	0	0	0	0
264	CRTFP Uy-	0	0	0	0	0	0
265	SLU 1	-0.6	-0.65	36.41	10.7681	0.6422	0.2197
265	SLU 2	-0.56	-0.61	36.32	10.7697	0.6401	0.2055
265	SLU 3	-0.62	-0.66	37.25	11.0153	0.6571	0.2259
265	SLU 4	-0.6	-0.63	37.2	11.0163	0.6558	0.2174
265	SLU 5	-0.57	-0.62	36.87	10.9293	0.6498	0.2092
265	SLU 6	-0.63	-0.67	37.8	11.1749	0.6667	0.2296
265	SLU 7	-0.61	-0.65	37.75	11.1759	0.6655	0.2211
265	SLU 8	-0.62	-0.67	37.5	11.0873	0.6615	0.2271
265	SLU 9	-0.6	-0.65	37.45	11.0883	0.6603	0.2186
265	SLU 10	-0.6	-0.63	40.46	11.9824	0.7125	0.2173
265	SLU 11	-0.65	-0.68	41.39	12.228	0.7294	0.2377
265	SLU 12	-0.63	-0.66	41.34	12.229	0.7282	0.2292
265	SLU 13	-0.61	-0.64	41.01	12.142	0.7221	0.221
265	SLU 14	-0.66	-0.69	41.94	12.3876	0.739	0.2414
265	SLU 15	-0.64	-0.67	41.89	12.3886	0.7378	0.2329
265	SLU 16	-0.66	-0.69	41.64	12.2999	0.7338	0.2389
265	SLU 17	-0.63	-0.67	41.59	12.3009	0.7326	0.2304
265	SLU 18	-0.65	-0.68	42.32	12.5004	0.7455	0.2364
265	SLU 19	-0.63	-0.66	42.27	12.5014	0.7443	0.228
265	SLU 20	-0.66	-0.69	42.87	12.66	0.7551	0.2402
265	SLU 21	-0.64	-0.67	42.81	12.661	0.7539	0.2317
265	SLU 22	-0.68	-0.65	40.29	11.9073	0.7106	0.2467
265	SLU 23	-0.64	-0.61	40.2	11.9089	0.7086	0.2325
265	SLU 24	-0.7	-0.66	41.14	12.1546	0.7255	0.253
265	SLU 25	-0.68	-0.64	41.09	12.1556	0.7243	0.2445
265	SLU 26	-0.65	-0.62	40.75	12.0686	0.7182	0.2363
265	SLU 27	-0.71	-0.67	41.69	12.3142	0.7351	0.2567
265	SLU 28	-0.69	-0.65	41.64	12.3152	0.7339	0.2482
265	SLU 29	-0.7	-0.67	41.39	12.2265	0.7299	0.2541
265	SLU 30	-0.68	-0.65	41.34	12.2275	0.7287	0.2456
265	SLU 31	-0.68	-0.63	44.34	13.1216	0.7809	0.2443
265	SLU 32	-0.73	-0.68	45.28	13.3672	0.7978	0.2647
265	SLU 33	-0.71	-0.66	45.23	13.3682	0.7966	0.2562
265	SLU 34	-0.69	-0.64	44.89	13.2812	0.7906	0.248
265	SLU 35	-0.74	-0.69	45.83	13.5268	0.8075	0.2684
265	SLU 36	-0.72	-0.67	45.77	13.5278	0.8063	0.2599
265	SLU 37	-0.74	-0.69	45.53	13.4392	0.8022	0.2659
265	SLU 38	-0.71	-0.67	45.48	13.4402	0.801	0.2574
265	SLU 39	-0.73	-0.68	46.21	13.6397	0.8139	0.2635
265	SLU 40	-0.71	-0.66	46.15	13.6406	0.8127	0.255
265	SLU 41	-0.74	-0.69	46.76	13.7993	0.8236	0.2672
265	SLU 42	-0.72	-0.67	46.7	13.8003	0.8224	0.2587
265	SLU 43	-0.76	-0.85	46	13.6079	0.8114	0.2763
265	SLU 44	-0.72	-0.8	45.91	13.6095	0.8093	0.2621
265	SLU 45	-0.77	-0.86	46.84	13.8552	0.8262	0.2825



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
265	SLU 46	-0.75	-0.83	46.79	13.8561	0.825	0.2741
265	SLU 47	-0.73	-0.81	46.46	13.7691	0.819	0.2659
265	SLU 48	-0.78	-0.87	47.39	14.0148	0.8359	0.2863
265	SLU 49	-0.76	-0.84	47.34	14.0158	0.8347	0.2778
265	SLU 50	-0.78	-0.87	47.09	13.9271	0.8307	0.2837
265	SLU 51	-0.75	-0.84	47.04	13.9281	0.8294	0.2752
265	SLU 52	-0.75	-0.82	50.05	14.8222	0.8817	0.2739
265	SLU 53	-0.81	-0.88	50.98	15.0678	0.8986	0.2943
265	SLU 54	-0.78	-0.85	50.93	15.0688	0.8974	0.2858
265	SLU 55	-0.76	-0.84	50.59	14.9818	0.8913	0.2776
265	SLU 56	-0.82	-0.89	51.53	15.2274	0.9082	0.298
265	SLU 57	-0.79	-0.86	51.48	15.2284	0.907	0.2895
265	SLU 58	-0.81	-0.89	51.23	15.1398	0.903	0.2955
265	SLU 59	-0.79	-0.86	51.18	15.1407	0.9018	0.287
265	SLU 60	-0.8	-0.88	51.91	15.3402	0.9147	0.2931
265	SLU 61	-0.78	-0.85	51.86	15.3412	0.9135	0.2846
265	SLU 62	-0.82	-0.89	52.46	15.4999	0.9243	0.2968
265	SLU 63	-0.79	-0.86	52.4	15.5008	0.9231	0.2883
265	SLU 64	-0.84	-0.85	49.88	14.7471	0.8798	0.3033
265	SLU 65	-0.8	-0.8	49.79	14.7488	0.8778	0.2892
265	SLU 66	-0.85	-0.86	50.73	14.9944	0.8947	0.3096
265	SLU 67	-0.83	-0.83	50.68	14.9954	0.8935	0.3011
265	SLU 68	-0.81	-0.81	50.34	14.9084	0.8874	0.2929
265	SLU 69	-0.86	-0.87	51.28	15.154	0.9043	0.3133
265	SLU 70	-0.84	-0.84	51.23	15.155	0.9031	0.3048
265	SLU 71	-0.86	-0.87	50.98	15.0663	0.8991	0.3108
265	SLU 72	-0.83	-0.84	50.93	15.0673	0.8979	0.3023
265	SLU 73	-0.83	-0.83	53.93	15.9614	0.9501	0.3009
265	SLU 74	-0.89	-0.88	54.87	16.207	0.967	0.3213
265	SLU 75	-0.86	-0.85	54.82	16.208	0.9658	0.3128
265	SLU 76	-0.84	-0.84	54.48	16.121	0.9597	0.3046
265	SLU 77	-0.9	-0.89	55.42	16.3667	0.9767	0.3251
265	SLU 78	-0.87	-0.86	55.36	16.3676	0.9755	0.3166
265	SLU 79	-0.89	-0.89	55.12	16.279	0.9714	0.3225
265	SLU 80	-0.87	-0.86	55.07	16.28	0.9702	0.314
265	SLU 81	-0.88	-0.88	55.8	16.4795	0.9831	0.3201
265	SLU 82	-0.86	-0.85	55.74	16.4805	0.9819	0.3116
265	SLU 83	-0.89	-0.89	56.34	16.6391	0.9928	0.3238
265	SLU 84	-0.87	-0.86	56.29	16.6401	0.9916	0.3153
265	SLE RA 1	-0.63	-0.65	37.52	11.0936	0.6617	0.2274
265	SLE RA 2	-0.6	-0.62	37.46	11.0946	0.6604	0.218
265	SLE RA 3	-0.64	-0.66	38.08	11.2584	0.6716	0.2316
265	SLE RA 4	-0.62	-0.64	38.05	11.2591	0.6708	0.2259
265	SLE RA 5	-0.61	-0.63	37.82	11.2011	0.6668	0.2204
265	SLE RA 6	-0.64	-0.66	38.45	11.3648	0.6781	0.234
265	SLE RA 7	-0.63	-0.65	38.41	11.3655	0.6773	0.2284
265	SLE RA 8	-0.64	-0.66	38.25	11.3064	0.6746	0.2323
265	SLE RA 9	-0.62	-0.65	38.21	11.307	0.6738	0.2267
265	SLE RA 10	-0.62	-0.64	40.22	11.9031	0.7086	0.2258
265	SLE RA 11	-0.66	-0.67	40.84	12.0668	0.7199	0.2394
265	SLE RA 12	-0.64	-0.65	40.81	12.0675	0.7191	0.2337
265	SLE RA 13	-0.63	-0.64	40.58	12.0095	0.715	0.2283
265	SLE RA 14	-0.67	-0.68	41.21	12.1733	0.7263	0.2419
265	SLE RA 15	-0.65	-0.66	41.17	12.1739	0.7255	0.2362
265	SLE RA 16	-0.66	-0.68	41.01	12.1148	0.7228	0.2402
265	SLE RA 17	-0.65	-0.66	40.97	12.1155	0.722	0.2345
265	SLE RA 18	-0.66	-0.67	41.46	12.2485	0.7306	0.2386
265	SLE RA 19	-0.64	-0.65	41.42	12.2491	0.7298	0.2329
265	SLE RA 20	-0.66	-0.68	41.83	12.3549	0.737	0.2411
265	SLE RA 21	-0.65	-0.66	41.79	12.3555	0.7362	0.2354
265	SLE FR 1	-0.63	-0.65	37.52	11.0936	0.6617	0.2274
265	SLE FR 2	-0.62	-0.65	37.51	11.0938	0.6614	0.2255
265	SLE FR 3	-0.63	-0.65	37.66	11.1361	0.6643	0.2284
265	SLE FR 4	-0.63	-0.65	38.69	11.4402	0.6821	0.2289
265	SLE FR 5	-0.64	-0.66	38.85	11.4826	0.685	0.2317
265	SLE FR 6	-0.64	-0.66	39.49	11.671	0.6962	0.233
265	SLE QP 1	-0.63	-0.65	37.52	11.0936	0.6617	0.2274
265	SLE QP 2	-0.63	-0.66	38.7	11.44	0.6824	0.2307
265	SLD 1	2.7	-0.56	42.97	12.5468	0.7671	-0.9334
265	SLD 2	3.03	-0.79	42.69	12.479	0.7617	-1.0443
265	SLD 3	2.76	-1.48	42.2	12.3512	0.7529	-0.9479
265	SLD 4	3.09	-1.71	41.92	12.2834	0.7476	-1.0588
265	SLD 5	0.22	0.81	41.21	12.0809	0.7303	-0.0765
265	SLD 6	0.44	0.65	41.02	12.0362	0.7268	-0.1495
265	SLD 7	0.41	-2.25	38.63	11.4289	0.683	-0.1251
265	SLD 8	0.62	-2.41	38.44	11.3842	0.6795	-0.1981
265	SLD 9	-1.89	1.09	38.96	11.4958	0.6853	0.6596
265	SLD 10	-1.68	0.94	38.78	11.4512	0.6818	0.5866
265	SLD 11	-1.71	-1.97	36.38	10.8438	0.638	0.611
265	SLD 12	-1.49	-2.12	36.2	10.7992	0.6345	0.538
265	SLD 13	-4.36	0.39	35.48	10.5966	0.6172	1.5203
265	SLD 14	-4.03	0.16	35.2	10.5288	0.6119	1.4094
265	SLD 15	-4.3	-0.52	34.71	10.401	0.603	1.5057
265	SLD 16	-3.97	-0.76	34.43	10.3332	0.5977	1.3948
265	SLV 1	7.17	-0.46	48.67	14.0229	0.88	-2.4928
265	SLV 2	7.94	-1	48.01	13.8651	0.8676	-2.7511
265	SLV 3	7.3	-2.54	46.91	13.58	0.8479	-2.5273
265	SLV 4	8.07	-3.08	46.26	13.4222	0.8355	-2.7855
265	SLV 5	1.38	2.65	44.46	12.914	0.7925	-0.4892



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
265	SLV 6	1.88	2.3	44.04	12.8118	0.7845	-0.6563
265	SLV 7	1.81	-4.28	38.62	11.4377	0.6855	-0.6041
265	SLV 8	2.31	-4.63	38.2	11.3356	0.6775	-0.7712
265	SLV 9	-3.58	3.32	39.21	11.5445	0.6873	1.2327
265	SLV 10	-3.08	2.97	38.78	11.4423	0.6793	1.0656
265	SLV 11	-3.15	-3.62	33.36	10.0682	0.5802	1.1178
265	SLV 12	-2.65	-3.97	32.94	9.9661	0.5722	0.9507
265	SLV 13	-9.34	1.77	31.14	9.4579	0.5292	3.247
265	SLV 14	-8.57	1.22	30.49	9.3	0.5169	2.9888
265	SLV 15	-9.21	-0.31	29.39	9.015	0.4971	3.2125
265	SLV 16	-8.44	-0.86	28.74	8.8571	0.4847	2.9543
265	CRTFP Ux+	0	0	0	0	0	0
265	CRTFP Ux-	0	0	0	0	0	0
265	CRTFP Uy+	0	0	0	0	0	0
265	CRTFP Uy-	0	0	0	0	0	0
267	SLU 1	-1.47	-1.84	90.33	20.6686	0.2776	0.3342
267	SLU 2	-1.37	-1.71	90.13	20.6354	0.2699	0.3122
267	SLU 3	-1.52	-1.87	92.43	21.1489	0.2844	0.3438
267	SLU 4	-1.46	-1.79	92.31	21.1289	0.2797	0.3306
267	SLU 5	-1.4	-1.74	91.5	20.9456	0.2742	0.3179
267	SLU 6	-1.54	-1.9	93.8	21.4591	0.2887	0.3495
267	SLU 7	-1.48	-1.82	93.68	21.4391	0.2841	0.3363
267	SLU 8	-1.52	-1.9	93.06	21.289	0.2863	0.3456
267	SLU 9	-1.46	-1.82	92.94	21.269	0.2816	0.3324
267	SLU 10	-1.46	-1.79	100.45	22.996	0.2931	0.3293
267	SLU 11	-1.6	-1.95	102.75	23.5096	0.3076	0.361
267	SLU 12	-1.54	-1.87	102.63	23.4896	0.303	0.3478
267	SLU 13	-1.48	-1.82	101.81	23.3062	0.2975	0.335
267	SLU 14	-1.62	-1.98	104.11	23.8197	0.312	0.3667
267	SLU 15	-1.56	-1.9	103.99	23.7998	0.3073	0.3535
267	SLU 16	-1.61	-1.98	103.38	23.6497	0.3095	0.3627
267	SLU 17	-1.55	-1.9	103.26	23.6297	0.3049	0.3495
267	SLU 18	-1.59	-1.96	105.07	24.041	0.3108	0.3587
267	SLU 19	-1.53	-1.88	104.95	24.0211	0.3062	0.3455
267	SLU 20	-1.62	-1.99	106.43	24.3512	0.3152	0.3644
267	SLU 21	-1.56	-1.91	106.31	24.3312	0.3105	0.3512
267	SLU 22	-1.66	-1.87	99.96	22.8798	0.3094	0.3764
267	SLU 23	-1.56	-1.74	99.77	22.8465	0.3016	0.3544
267	SLU 24	-1.71	-1.9	102.06	23.36	0.3161	0.386
267	SLU 25	-1.65	-1.82	101.94	23.3401	0.3115	0.3728
267	SLU 26	-1.59	-1.77	101.13	23.1567	0.3059	0.3601
267	SLU 27	-1.73	-1.93	103.43	23.6702	0.3205	0.3917
267	SLU 28	-1.67	-1.85	103.31	23.6502	0.3158	0.3785
267	SLU 29	-1.71	-1.93	102.69	23.5001	0.318	0.3878
267	SLU 30	-1.65	-1.85	102.57	23.4802	0.3134	0.3746
267	SLU 31	-1.65	-1.82	110.08	25.2072	0.3249	0.3715
267	SLU 32	-1.79	-1.98	112.38	25.7207	0.3394	0.4032
267	SLU 33	-1.73	-1.9	112.26	25.7007	0.3347	0.39
267	SLU 34	-1.67	-1.85	111.45	25.5173	0.3292	0.3772
267	SLU 35	-1.81	-2.01	113.74	26.0309	0.3437	0.4089
267	SLU 36	-1.75	-1.93	113.63	26.0109	0.3391	0.3957
267	SLU 37	-1.8	-2.01	113.01	25.8608	0.3413	0.4049
267	SLU 38	-1.74	-1.93	112.89	25.8408	0.3366	0.3917
267	SLU 39	-1.78	-1.99	114.7	26.2522	0.3426	0.4009
267	SLU 40	-1.72	-1.91	114.58	26.2322	0.3379	0.3877
267	SLU 41	-1.81	-2.02	116.06	26.5623	0.3469	0.4066
267	SLU 42	-1.75	-1.94	115.95	26.5424	0.3423	0.3934
267	SLU 43	-1.85	-2.38	114.13	26.1111	0.35	0.42
267	SLU 44	-1.75	-2.25	113.93	26.0779	0.3423	0.3979
267	SLU 45	-1.89	-2.41	116.23	26.5914	0.3568	0.4296
267	SLU 46	-1.83	-2.33	116.11	26.5714	0.3521	0.4164
267	SLU 47	-1.78	-2.28	115.29	26.388	0.3466	0.4037
267	SLU 48	-1.92	-2.44	117.59	26.9016	0.3611	0.4353
267	SLU 49	-1.86	-2.36	117.47	26.8816	0.3565	0.4221
267	SLU 50	-1.9	-2.44	116.86	26.7315	0.3587	0.4314
267	SLU 51	-1.84	-2.36	116.74	26.7115	0.354	0.4182
267	SLU 52	-1.83	-2.33	124.25	28.4385	0.3655	0.4151
267	SLU 53	-1.98	-2.49	126.55	28.9521	0.3801	0.4467
267	SLU 54	-1.92	-2.42	126.43	28.9321	0.3754	0.4335
267	SLU 55	-1.86	-2.36	125.61	28.7487	0.3699	0.4208
267	SLU 56	-2	-2.52	127.91	29.2622	0.3844	0.4525
267	SLU 57	-1.94	-2.44	127.79	29.2423	0.3797	0.4393
267	SLU 58	-1.98	-2.52	127.17	29.0922	0.3819	0.4485
267	SLU 59	-1.92	-2.44	127.05	29.0722	0.3773	0.4353
267	SLU 60	-1.97	-2.5	128.87	29.4835	0.3832	0.4444
267	SLU 61	-1.91	-2.42	128.75	29.4636	0.3786	0.4312
267	SLU 62	-2	-2.53	130.23	29.7937	0.3876	0.4501
267	SLU 63	-1.93	-2.45	130.11	29.7737	0.3829	0.4369
267	SLU 64	-2.04	-2.42	123.76	28.3223	0.3818	0.4622
267	SLU 65	-1.94	-2.28	123.56	28.289	0.374	0.4402
267	SLU 66	-2.08	-2.45	125.86	28.8025	0.3885	0.4718
267	SLU 67	-2.02	-2.37	125.74	28.7826	0.3839	0.4586
267	SLU 68	-1.96	-2.31	124.93	28.5992	0.3783	0.4459
267	SLU 69	-2.11	-2.47	127.22	29.1127	0.3929	0.4775
267	SLU 70	-2.05	-2.39	127.11	29.0927	0.3882	0.4643
267	SLU 71	-2.09	-2.47	126.49	28.9426	0.3904	0.4736
267	SLU 72	-2.03	-2.39	126.37	28.9227	0.3858	0.4604
267	SLU 73	-2.02	-2.36	133.88	30.6497	0.3973	0.4573
267	SLU 74	-2.17	-2.53	136.18	31.1632	0.4118	0.489



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
267	SLU 75	-2.11	-2.45	136.06	31.1432	0.4071	0.4758
267	SLU 76	-2.05	-2.39	135.24	30.9598	0.4016	0.463
267	SLU 77	-2.19	-2.56	137.54	31.4734	0.4161	0.4947
267	SLU 78	-2.13	-2.48	137.42	31.4534	0.4115	0.4815
267	SLU 79	-2.17	-2.55	136.8	31.3033	0.4137	0.4907
267	SLU 80	-2.11	-2.48	136.69	31.2833	0.409	0.4775
267	SLU 81	-2.16	-2.53	138.5	31.6946	0.415	0.4866
267	SLU 82	-2.1	-2.45	138.38	31.6747	0.4103	0.4734
267	SLU 83	-2.18	-2.56	139.86	32.0048	0.4193	0.4924
267	SLU 84	-2.12	-2.48	139.74	31.9849	0.4147	0.4792
267	SLE RA 1	-1.53	-1.85	93.08	21.3004	0.2867	0.3462
267	SLE RA 2	-1.46	-1.76	92.95	21.2782	0.2815	0.3316
267	SLE RA 3	-1.56	-1.87	94.48	21.6206	0.2912	0.3527
267	SLE RA 4	-1.52	-1.82	94.4	21.6073	0.2881	0.3439
267	SLE RA 5	-1.48	-1.78	93.86	21.485	0.2844	0.3354
267	SLE RA 6	-1.57	-1.89	95.39	21.8273	0.2941	0.3565
267	SLE RA 7	-1.53	-1.84	95.31	21.814	0.291	0.3477
267	SLE RA 8	-1.56	-1.89	94.9	21.714	0.2925	0.3538
267	SLE RA 9	-1.52	-1.84	94.82	21.7007	0.2894	0.345
267	SLE RA 10	-1.52	-1.82	99.83	22.852	0.297	0.343
267	SLE RA 11	-1.61	-1.93	101.36	23.1943	0.3067	0.3641
267	SLE RA 12	-1.57	-1.87	101.28	23.181	0.3036	0.3553
267	SLE RA 13	-1.53	-1.84	100.74	23.0588	0.2999	0.3468
267	SLE RA 14	-1.63	-1.94	102.27	23.4011	0.3096	0.3679
267	SLE RA 15	-1.59	-1.89	102.19	23.3878	0.3065	0.3591
267	SLE RA 16	-1.62	-1.94	101.78	23.2877	0.308	0.3653
267	SLE RA 17	-1.58	-1.89	101.7	23.2744	0.3049	0.3565
267	SLE RA 18	-1.61	-1.93	102.91	23.5486	0.3088	0.3626
267	SLE RA 19	-1.57	-1.88	102.83	23.5353	0.3057	0.3538
267	SLE RA 20	-1.62	-1.95	103.82	23.7554	0.3117	0.3664
267	SLE RA 21	-1.58	-1.89	103.74	23.7421	0.3086	0.3576
267	SLE FR 1	-1.53	-1.85	93.08	21.3004	0.2867	0.3462
267	SLE FR 2	-1.51	-1.83	93.06	21.296	0.2857	0.3433
267	SLE FR 3	-1.53	-1.86	93.45	21.3831	0.2878	0.3478
267	SLE FR 4	-1.54	-1.86	96	21.9704	0.2923	0.3482
267	SLE FR 5	-1.56	-1.88	96.39	22.0576	0.2945	0.3527
267	SLE FR 6	-1.57	-1.89	98	22.4245	0.2978	0.3544
267	SLE QP 1	-1.53	-1.85	93.08	21.3004	0.2867	0.3462
267	SLE QP 2	-1.55	-1.87	96.03	21.9749	0.2933	0.3511
267	SLD 1	6.41	-1.63	105.88	24.1191	0.505	-1.573
267	SLD 2	7.21	-2.14	105.2	23.981	0.4951	-1.7569
267	SLD 3	6.54	-3.83	103.94	23.7478	0.477	-1.5972
267	SLD 4	7.34	-4.35	103.26	23.6096	0.4671	-1.781
267	SLD 5	0.5	1.64	102.04	23.2061	0.4011	-0.1565
267	SLD 6	1.02	1.3	101.59	23.1151	0.3946	-0.2776
267	SLD 7	0.93	-5.72	95.59	21.9683	0.3077	-0.237
267	SLD 8	1.45	-6.06	95.14	21.8773	0.3012	-0.3581
267	SLD 9	-4.56	2.31	96.92	22.0724	0.2855	1.0604
267	SLD 10	-4.03	1.97	96.47	21.9814	0.2789	0.9393
267	SLD 11	-4.13	-5.05	90.47	20.8346	0.1921	0.9799
267	SLD 12	-3.6	-5.39	90.02	20.7436	0.1856	0.8588
267	SLD 13	-10.44	0.6	88.8	20.3401	0.1196	2.4833
267	SLD 14	-9.64	0.08	88.12	20.202	0.1097	2.2994
267	SLD 15	-10.31	-1.61	86.87	19.9688	0.0916	2.4591
267	SLD 16	-9.52	-2.12	86.18	19.8306	0.0817	2.2753
267	SLV 1	17.08	-1.38	119	26.979	0.7879	-4.1507
267	SLV 2	18.94	-2.58	117.42	26.6573	0.7649	-4.5788
267	SLV 3	17.38	-6.38	114.62	26.1379	0.724	-4.2078
267	SLV 4	19.24	-7.58	113.03	25.8162	0.701	-4.6359
267	SLV 5	3.25	6.07	109.85	24.8076	0.5425	-0.8385
267	SLV 6	4.46	5.29	108.82	24.5994	0.5276	-1.1155
267	SLV 7	4.27	-10.61	95.24	22.004	0.3297	-1.0289
267	SLV 8	5.47	-11.38	94.21	21.7958	0.3148	-1.3059
267	SLV 9	-8.57	7.63	97.85	22.154	0.2718	2.0082
267	SLV 10	-7.37	6.86	96.83	21.9458	0.257	1.7312
267	SLV 11	-7.56	-9.04	83.24	19.3503	0.0591	1.8177
267	SLV 12	-6.36	-9.82	82.21	19.1421	0.0442	1.5407
267	SLV 13	-22.34	3.83	79.03	18.1336	-0.1143	5.3382
267	SLV 14	-20.49	2.63	77.44	17.8118	-0.1374	4.9101
267	SLV 15	-22.04	-1.17	74.65	17.2925	-0.1782	5.281
267	SLV 16	-20.18	-2.37	73.06	16.9707	-0.2012	4.853
267	CRTFP Ux+	0	0	0	0	0	0
267	CRTFP Ux-	0	0	0	0	0	0
267	CRTFP Uy+	0	0	0	0	0	0
267	CRTFP Uy-	0	0	0	0	0	0
269	SLU 1	-0.5	-0.77	32.71	10.5064	-0.6094	0.1585
269	SLU 2	-0.47	-0.71	32.65	10.4902	-0.6087	0.1477
269	SLU 3	-0.51	-0.78	33.46	10.7498	-0.6235	0.1633
269	SLU 4	-0.49	-0.74	33.43	10.74	-0.6231	0.1568
269	SLU 5	-0.47	-0.72	33.14	10.6469	-0.6179	0.1504
269	SLU 6	-0.52	-0.79	33.96	10.9065	-0.6327	0.166
269	SLU 7	-0.5	-0.76	33.92	10.8968	-0.6322	0.1595
269	SLU 8	-0.52	-0.79	33.69	10.82	-0.6277	0.1639
269	SLU 9	-0.5	-0.76	33.66	10.8102	-0.6273	0.1575
269	SLU 10	-0.49	-0.75	36.4	11.6893	-0.6787	0.1561
269	SLU 11	-0.54	-0.82	37.21	11.9489	-0.6935	0.1716
269	SLU 12	-0.52	-0.78	37.18	11.9391	-0.6931	0.1652
269	SLU 13	-0.5	-0.76	36.89	11.846	-0.6879	0.1588
269	SLU 14	-0.55	-0.83	37.7	12.1057	-0.7027	0.1744



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
269	SLU 15	-0.53	-0.8	37.67	12.0959	-0.7022	0.1679
269	SLU 16	-0.54	-0.83	37.44	12.0191	-0.6977	0.1723
269	SLU 17	-0.52	-0.8	37.41	12.0093	-0.6973	0.1658
269	SLU 18	-0.54	-0.82	38.06	12.2195	-0.7094	0.1704
269	SLU 19	-0.52	-0.79	38.03	12.2097	-0.709	0.164
269	SLU 20	-0.55	-0.83	38.55	12.3762	-0.7186	0.1732
269	SLU 21	-0.53	-0.8	38.52	12.3665	-0.7182	0.1667
269	SLU 22	-0.56	-0.79	36.19	11.629	-0.6741	0.1805
269	SLU 23	-0.53	-0.73	36.14	11.6128	-0.6734	0.1697
269	SLU 24	-0.58	-0.8	36.95	11.8724	-0.6882	0.1853
269	SLU 25	-0.56	-0.77	36.92	11.8626	-0.6877	0.1788
269	SLU 26	-0.54	-0.74	36.63	11.7695	-0.6825	0.1724
269	SLU 27	-0.59	-0.81	37.44	12.0292	-0.6973	0.188
269	SLU 28	-0.57	-0.78	37.41	12.0194	-0.6969	0.1815
269	SLU 29	-0.58	-0.81	37.18	11.9426	-0.6924	0.1859
269	SLU 30	-0.56	-0.78	37.14	11.9328	-0.692	0.1795
269	SLU 31	-0.56	-0.77	39.88	12.8119	-0.7434	0.1781
269	SLU 32	-0.61	-0.84	40.7	13.0715	-0.7582	0.1936
269	SLU 33	-0.58	-0.81	40.66	13.0618	-0.7578	0.1872
269	SLU 34	-0.57	-0.78	40.38	12.9687	-0.7525	0.1808
269	SLU 35	-0.61	-0.85	41.19	13.2283	-0.7673	0.1964
269	SLU 36	-0.59	-0.82	41.16	13.2185	-0.7669	0.1899
269	SLU 37	-0.61	-0.85	40.92	13.1417	-0.7624	0.1943
269	SLU 38	-0.59	-0.82	40.89	13.1319	-0.762	0.1878
269	SLU 39	-0.6	-0.84	41.54	13.3421	-0.7741	0.1924
269	SLU 40	-0.58	-0.81	41.51	13.3323	-0.7737	0.186
269	SLU 41	-0.61	-0.86	42.04	13.4988	-0.7832	0.1951
269	SLU 42	-0.59	-0.82	42	13.4891	-0.7828	0.1887
269	SLU 43	-0.63	-0.99	41.32	13.2735	-0.7701	0.1985
269	SLU 44	-0.59	-0.93	41.27	13.2572	-0.7694	0.1877
269	SLU 45	-0.64	-1	42.08	13.5168	-0.7842	0.2033
269	SLU 46	-0.62	-0.97	42.05	13.5071	-0.7837	0.1968
269	SLU 47	-0.6	-0.94	41.76	13.414	-0.7785	0.1905
269	SLU 48	-0.65	-1.01	42.57	13.6736	-0.7933	0.206
269	SLU 49	-0.63	-0.98	42.54	13.6638	-0.7929	0.1996
269	SLU 50	-0.64	-1.01	42.31	13.587	-0.7884	0.204
269	SLU 51	-0.62	-0.98	42.28	13.5772	-0.7879	0.1975
269	SLU 52	-0.62	-0.97	45.02	14.4563	-0.8394	0.1961
269	SLU 53	-0.67	-1.04	45.83	14.7159	-0.8542	0.2117
269	SLU 54	-0.65	-1.01	45.8	14.7062	-0.8537	0.2052
269	SLU 55	-0.63	-0.98	45.51	14.6131	-0.8485	0.1988
269	SLU 56	-0.68	-1.05	46.32	14.8727	-0.8633	0.2144
269	SLU 57	-0.66	-1.02	46.29	14.8629	-0.8629	0.2079
269	SLU 58	-0.67	-1.05	46.06	14.7861	-0.8584	0.2123
269	SLU 59	-0.65	-1.02	46.02	14.7763	-0.858	0.2058
269	SLU 60	-0.67	-1.04	46.68	14.9865	-0.8701	0.2104
269	SLU 61	-0.64	-1.01	46.64	14.9767	-0.8697	0.204
269	SLU 62	-0.67	-1.06	47.17	15.1433	-0.8792	0.2132
269	SLU 63	-0.65	-1.02	47.14	15.1335	-0.8788	0.2067
269	SLU 64	-0.69	-1.01	44.81	14.3961	-0.8347	0.2205
269	SLU 65	-0.66	-0.95	44.75	14.3798	-0.834	0.2097
269	SLU 66	-0.71	-1.02	45.57	14.6394	-0.8488	0.2253
269	SLU 67	-0.69	-0.99	45.53	14.6297	-0.8484	0.2188
269	SLU 68	-0.67	-0.96	45.25	14.5366	-0.8432	0.2124
269	SLU 69	-0.71	-1.03	46.06	14.7962	-0.858	0.2228
269	SLU 70	-0.69	-1	46.03	14.7864	-0.8576	0.2215
269	SLU 71	-0.71	-1.03	45.79	14.7096	-0.853	0.2259
269	SLU 72	-0.69	-1	45.76	14.6998	-0.8526	0.2195
269	SLU 73	-0.68	-0.99	48.5	15.5789	-0.904	0.2181
269	SLU 74	-0.73	-1.06	49.31	15.8386	-0.9188	0.2336
269	SLU 75	-0.71	-1.03	49.28	15.8288	-0.9184	0.2272
269	SLU 76	-0.69	-1	48.99	15.7357	-0.9132	0.2208
269	SLU 77	-0.74	-1.07	49.81	15.9953	-0.928	0.2364
269	SLU 78	-0.72	-1.04	49.77	15.9855	-0.9276	0.2299
269	SLU 79	-0.74	-1.07	49.54	15.9087	-0.923	0.2343
269	SLU 80	-0.72	-1.04	49.51	15.899	-0.9226	0.2278
269	SLU 81	-0.73	-1.07	50.16	16.1091	-0.9347	0.2324
269	SLU 82	-0.71	-1.03	50.13	16.0993	-0.9343	0.226
269	SLU 83	-0.74	-1.08	50.65	16.2659	-0.9439	0.2352
269	SLU 84	-0.72	-1.04	50.62	16.2561	-0.9435	0.2287
269	SLE RA 1	-0.52	-0.77	33.7	10.8272	-0.6279	0.1648
269	SLE RA 2	-0.5	-0.73	33.67	10.8163	-0.6274	0.1576
269	SLE RA 3	-0.53	-0.78	34.21	10.9894	-0.6373	0.168
269	SLE RA 4	-0.51	-0.76	34.19	10.9829	-0.637	0.1637
269	SLE RA 5	-0.5	-0.74	33.99	10.9208	-0.6335	0.1594
269	SLE RA 6	-0.53	-0.79	34.54	11.0939	-0.6434	0.1698
269	SLE RA 7	-0.52	-0.77	34.51	11.0874	-0.6431	0.1655
269	SLE RA 8	-0.53	-0.79	34.36	11.0362	-0.6401	0.1684
269	SLE RA 9	-0.52	-0.76	34.34	11.0297	-0.6398	0.1641
269	SLE RA 10	-0.51	-0.76	36.16	11.6157	-0.6741	0.1632
269	SLE RA 11	-0.55	-0.81	36.71	11.7888	-0.6839	0.1735
269	SLE RA 12	-0.53	-0.78	36.68	11.7823	-0.6837	0.1692
269	SLE RA 13	-0.52	-0.77	36.49	11.7203	-0.6802	0.165
269	SLE RA 14	-0.55	-0.81	37.03	11.8933	-0.69	0.1754
269	SLE RA 15	-0.54	-0.79	37.01	11.8868	-0.6898	0.171
269	SLE RA 16	-0.55	-0.81	36.86	11.8356	-0.6868	0.174
269	SLE RA 17	-0.53	-0.79	36.83	11.8291	-0.6865	0.1697
269	SLE RA 18	-0.54	-0.81	37.27	11.9692	-0.6946	0.1727
269	SLE RA 19	-0.53	-0.79	37.25	11.9627	-0.6943	0.1684



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
269	SLE RA 20	-0.55	-0.82	37.6	12.0737	-0.7007	0.1746
269	SLE RA 21	-0.54	-0.79	37.58	12.0672	-0.7004	0.1702
269	SLE FR 1	-0.52	-0.77	33.7	10.8272	-0.6279	0.1648
269	SLE FR 2	-0.51	-0.76	33.69	10.825	-0.6278	0.1633
269	SLE FR 3	-0.52	-0.77	33.83	10.869	-0.6303	0.1655
269	SLE FR 4	-0.52	-0.78	34.76	11.1676	-0.6478	0.1657
269	SLE FR 5	-0.53	-0.79	34.9	11.2116	-0.6503	0.1679
269	SLE FR 6	-0.53	-0.79	35.49	11.3982	-0.6612	0.1688
269	SLE QP 1	-0.52	-0.77	33.7	10.8272	-0.6279	0.1648
269	SLE QP 2	-0.53	-0.78	34.77	11.1698	-0.6479	0.1672
269	SLD 1	2.38	-0.7	37.98	12.1478	-0.7002	-0.8497
269	SLD 2	2.67	-0.88	37.76	12.0822	-0.6964	-0.9531
269	SLD 3	2.43	-1.51	37.35	11.9924	-0.6894	-0.8786
269	SLD 4	2.71	-1.68	37.13	11.9268	-0.6856	-0.982
269	SLD 5	0.22	0.49	36.73	11.7106	-0.6806	-0.0754
269	SLD 6	0.41	0.38	36.58	11.6674	-0.6781	-0.1435
269	SLD 7	0.38	-2.19	34.63	11.1927	-0.6447	-0.1719
269	SLD 8	0.57	-2.31	34.48	11.1495	-0.6422	-0.24
269	SLD 9	-1.62	0.74	35.06	11.1901	-0.6536	0.5744
269	SLD 10	-1.43	0.62	34.91	11.1469	-0.6511	0.5063
269	SLD 11	-1.46	-1.94	32.96	10.6722	-0.6177	0.4779
269	SLD 12	-1.27	-2.06	32.81	10.629	-0.6151	0.4098
269	SLD 13	-3.76	0.12	32.42	10.4128	-0.6101	1.3163
269	SLD 14	-3.48	-0.06	32.19	10.3472	-0.6063	1.213
269	SLD 15	-3.72	-0.69	31.79	10.2574	-0.5993	1.2874
269	SLD 16	-3.43	-0.86	31.56	10.1918	-0.5955	1.184
269	SLV 1	6.27	-0.62	42.26	13.4528	-0.77	-2.2127
269	SLV 2	6.94	-1.03	41.73	13.3	-0.7611	-2.4535
269	SLV 3	6.38	-2.45	40.83	13.1006	-0.7455	-2.2791
269	SLV 4	7.05	-2.85	40.31	12.9478	-0.7367	-2.5199
269	SLV 5	1.23	2.1	39.27	12.4153	-0.7231	-0.4044
269	SLV 6	1.66	1.84	38.93	12.3165	-0.7174	-0.5602
269	SLV 7	1.6	-3.98	34.52	11.2414	-0.6417	-0.6256
269	SLV 8	2.03	-4.24	34.18	11.1425	-0.6359	-0.7814
269	SLV 9	-3.08	2.68	35.37	11.197	-0.6598	1.1157
269	SLV 10	-2.65	2.41	35.03	11.0982	-0.6541	0.9599
269	SLV 11	-2.71	-3.41	30.61	10.0231	-0.5784	0.8945
269	SLV 12	-2.28	-3.67	30.27	9.9242	-0.5727	0.7387
269	SLV 13	-8.1	1.29	29.24	9.3918	-0.5591	2.8542
269	SLV 14	-7.43	0.88	28.72	9.239	-0.5502	2.6134
269	SLV 15	-7.99	-0.54	27.81	9.0396	-0.5346	2.7879
269	SLV 16	-7.32	-0.94	27.29	8.8868	-0.5258	2.5471
269	CRTFP Ux+	0	0	0	0	0	0
269	CRTFP Ux-	0	0	0	0	0	0
269	CRTFP Uy+	0	0	0	0	0	0
269	CRTFP Uy-	0	0	0	0	0	0
270	SLU 1	-0.55	-0.94	36.35	11.5661	0.0097	0.1893
270	SLU 2	-0.51	-0.88	36.3	11.5484	0.0092	0.1762
270	SLU 3	-0.56	-0.96	37.19	11.833	0.01	0.1948
270	SLU 4	-0.54	-0.92	37.16	11.8223	0.0097	0.1869
270	SLU 5	-0.52	-0.89	36.85	11.7204	0.0094	0.1794
270	SLU 6	-0.57	-0.98	37.73	12.005	0.0102	0.198
270	SLU 7	-0.55	-0.93	37.71	11.9943	0.0099	0.1901
270	SLU 8	-0.57	-0.97	37.44	11.9101	0.01	0.1957
270	SLU 9	-0.54	-0.93	37.41	11.8995	0.0098	0.1879
270	SLU 10	-0.54	-0.93	40.47	12.8674	0.0101	0.1861
270	SLU 11	-0.59	-1.01	41.36	13.152	0.011	0.2046
270	SLU 12	-0.57	-0.97	41.33	13.1414	0.0107	0.1968
270	SLU 13	-0.55	-0.95	41.02	13.0395	0.0103	0.1893
270	SLU 14	-0.6	-1.03	41.9	13.324	0.0112	0.2078
270	SLU 15	-0.58	-0.99	41.88	13.3134	0.0109	0.2
270	SLU 16	-0.6	-1.03	41.61	13.2292	0.011	0.2056
270	SLU 17	-0.57	-0.99	41.58	13.2186	0.0107	0.1977
270	SLU 18	-0.59	-1.02	42.3	13.4505	0.011	0.2034
270	SLU 19	-0.57	-0.98	42.28	13.4398	0.0108	0.1955
270	SLU 20	-0.6	-1.04	42.85	13.6225	0.0112	0.2066
270	SLU 21	-0.58	-1	42.82	13.6119	0.011	0.1987
270	SLU 22	-0.62	-0.98	40.2	12.7973	0.0112	0.2138
270	SLU 23	-0.58	-0.91	40.16	12.7796	0.0107	0.2007
270	SLU 24	-0.63	-0.99	41.04	13.0641	0.0116	0.2193
270	SLU 25	-0.61	-0.95	41.02	13.0535	0.0113	0.2114
270	SLU 26	-0.59	-0.92	40.7	12.9516	0.0109	0.2039
270	SLU 27	-0.64	-1.01	41.59	13.2362	0.0118	0.2225
270	SLU 28	-0.62	-0.97	41.56	13.2255	0.0115	0.2146
270	SLU 29	-0.64	-1.01	41.3	13.1413	0.0116	0.2202
270	SLU 30	-0.61	-0.97	41.27	13.1307	0.0113	0.2124
270	SLU 31	-0.61	-0.96	44.33	14.0986	0.0117	0.2106
270	SLU 32	-0.66	-1.05	45.21	14.3832	0.0125	0.2291
270	SLU 33	-0.64	-1.01	45.19	14.3726	0.0122	0.2213
270	SLU 34	-0.62	-0.98	44.87	14.2706	0.0119	0.2138
270	SLU 35	-0.67	-1.06	45.76	14.5552	0.0127	0.2323
270	SLU 36	-0.65	-1.02	45.73	14.5446	0.0124	0.2245
270	SLU 37	-0.67	-1.06	45.47	14.4604	0.0126	0.2301
270	SLU 38	-0.64	-1.02	45.44	14.4497	0.0123	0.2222
270	SLU 39	-0.66	-1.05	46.16	14.6817	0.0126	0.2279
270	SLU 40	-0.64	-1.01	46.13	14.671	0.0123	0.22
270	SLU 41	-0.67	-1.07	46.71	14.8537	0.0128	0.2311
270	SLU 42	-0.65	-1.03	46.68	14.843	0.0125	0.2232
270	SLU 43	-0.69	-1.22	45.93	14.6138	0.012	0.2377



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
270	SLU 44	-0.65	-1.15	45.88	14.5961	0.0115	0.2246
270	SLU 45	-0.7	-1.23	46.77	14.8807	0.0124	0.2432
270	SLU 46	-0.68	-1.19	46.74	14.87	0.0121	0.2353
270	SLU 47	-0.66	-1.16	46.43	14.7681	0.0117	0.2278
270	SLU 48	-0.71	-1.25	47.31	15.0527	0.0126	0.2464
270	SLU 49	-0.69	-1.21	47.29	15.042	0.0123	0.2385
270	SLU 50	-0.71	-1.25	47.02	14.9578	0.0124	0.2441
270	SLU 51	-0.68	-1.21	46.99	14.9472	0.0121	0.2363
270	SLU 52	-0.68	-1.2	50.05	15.9151	0.0125	0.2345
270	SLU 53	-0.73	-1.29	50.94	16.1997	0.0133	0.253
270	SLU 54	-0.71	-1.25	50.91	16.1891	0.013	0.2452
270	SLU 55	-0.69	-1.22	50.6	16.0872	0.0127	0.2377
270	SLU 56	-0.74	-1.3	51.48	16.3717	0.0135	0.2562
270	SLU 57	-0.72	-1.26	51.46	16.3611	0.0132	0.2484
270	SLU 58	-0.74	-1.3	51.19	16.2769	0.0134	0.254
270	SLU 59	-0.71	-1.26	51.16	16.2663	0.0131	0.2461
270	SLU 60	-0.73	-1.29	51.88	16.4982	0.0134	0.2518
270	SLU 61	-0.71	-1.25	51.86	16.4876	0.0131	0.2439
270	SLU 62	-0.74	-1.31	52.43	16.6702	0.0136	0.255
270	SLU 63	-0.72	-1.27	52.4	16.6596	0.0133	0.2471
270	SLU 64	-0.76	-1.25	49.78	15.845	0.0136	0.2622
270	SLU 65	-0.72	-1.18	49.74	15.8273	0.0131	0.2491
270	SLU 66	-0.77	-1.27	50.63	16.1118	0.0139	0.2677
270	SLU 67	-0.75	-1.23	50.6	16.1012	0.0136	0.2598
270	SLU 68	-0.73	-1.2	50.29	15.9993	0.0133	0.2523
270	SLU 69	-0.78	-1.28	51.17	16.2839	0.0141	0.2709
270	SLU 70	-0.76	-1.24	51.14	16.2732	0.0138	0.263
270	SLU 71	-0.78	-1.28	50.88	16.189	0.014	0.2686
270	SLU 72	-0.75	-1.24	50.85	16.1784	0.0137	0.2608
270	SLU 73	-0.75	-1.24	53.91	17.1463	0.0141	0.259
270	SLU 74	-0.8	-1.32	54.8	17.4309	0.0149	0.2775
270	SLU 75	-0.78	-1.28	54.77	17.4203	0.0146	0.2697
270	SLU 76	-0.76	-1.25	54.46	17.3184	0.0143	0.2622
270	SLU 77	-0.81	-1.33	55.34	17.6029	0.0151	0.2807
270	SLU 78	-0.79	-1.29	55.31	17.5923	0.0148	0.2729
270	SLU 79	-0.81	-1.33	55.05	17.5081	0.0149	0.2785
270	SLU 80	-0.78	-1.29	55.02	17.4975	0.0147	0.2706
270	SLU 81	-0.8	-1.33	55.74	17.7294	0.015	0.2763
270	SLU 82	-0.78	-1.29	55.72	17.7187	0.0147	0.2684
270	SLU 83	-0.81	-1.34	56.29	17.9014	0.0152	0.2795
270	SLU 84	-0.79	-1.3	56.26	17.8908	0.0149	0.2716
270	SLE RA 1	-0.57	-0.95	37.45	11.9179	0.0101	0.1963
270	SLE RA 2	-0.54	-0.91	37.42	11.9061	0.0098	0.1876
270	SLE RA 3	-0.58	-0.96	38.01	12.0958	0.0103	0.1999
270	SLE RA 4	-0.56	-0.94	37.99	12.0887	0.0101	0.1947
270	SLE RA 5	-0.55	-0.92	37.78	12.0207	0.0099	0.1897
270	SLE RA 6	-0.59	-0.97	38.37	12.2104	0.0105	0.2021
270	SLE RA 7	-0.57	-0.95	38.35	12.2034	0.0103	0.1969
270	SLE RA 8	-0.58	-0.97	38.18	12.1472	0.0104	0.2006
270	SLE RA 9	-0.57	-0.95	38.16	12.1401	0.0102	0.1953
270	SLE RA 10	-0.56	-0.94	40.2	12.7854	0.0104	0.1941
270	SLE RA 11	-0.6	-1	40.79	12.9751	0.011	0.2065
270	SLE RA 12	-0.58	-0.97	40.77	12.9681	0.0108	0.2013
270	SLE RA 13	-0.57	-0.95	40.56	12.9001	0.0106	0.1963
270	SLE RA 14	-0.6	-1.01	41.15	13.0898	0.0111	0.2087
270	SLE RA 15	-0.59	-0.98	41.13	13.0827	0.0109	0.2034
270	SLE RA 16	-0.6	-1.01	40.96	13.0266	0.011	0.2071
270	SLE RA 17	-0.58	-0.98	40.94	13.0195	0.0108	0.2019
270	SLE RA 18	-0.6	-1.01	41.42	13.1741	0.011	0.2057
270	SLE RA 19	-0.58	-0.98	41.4	13.167	0.0108	0.2005
270	SLE RA 20	-0.6	-1.01	41.78	13.2888	0.0112	0.2078
270	SLE RA 21	-0.59	-0.99	41.77	13.2817	0.011	0.2026
270	SLE FR 1	-0.57	-0.95	37.45	11.9179	0.0101	0.1963
270	SLE FR 2	-0.56	-0.94	37.44	11.9155	0.01	0.1945
270	SLE FR 3	-0.57	-0.96	37.59	11.9637	0.0102	0.1971
270	SLE FR 4	-0.57	-0.96	38.63	12.2924	0.0103	0.1974
270	SLE FR 5	-0.58	-0.97	38.79	12.3406	0.0104	0.2
270	SLE FR 6	-0.58	-0.98	39.43	12.546	0.0106	0.201
270	SLE QP 1	-0.57	-0.95	37.45	11.9179	0.0101	0.1963
270	SLE QP 2	-0.58	-0.97	38.64	12.2947	0.0104	0.1991
270	SLD 1	2.67	-0.91	41.86	13.2665	0.0225	-0.9386
270	SLD 2	2.99	-1.1	41.63	13.1966	0.0219	-1.0507
270	SLD 3	2.72	-1.81	41.2	13.113	0.0208	-0.957
270	SLD 4	3.04	-2	40.97	13.0432	0.0202	-1.0691
270	SLD 5	0.26	0.45	40.64	12.8315	0.0167	-0.0942
270	SLD 6	0.47	0.32	40.49	12.7855	0.0163	-0.168
270	SLD 7	0.44	-2.55	38.46	12.32	0.0111	-0.1556
270	SLD 8	0.65	-2.67	38.3	12.274	0.0106	-0.2293
270	SLD 9	-1.8	0.74	38.97	12.3155	0.0101	0.6275
270	SLD 10	-1.59	0.61	38.82	12.2694	0.0097	0.5538
270	SLD 11	-1.62	-2.26	36.79	11.804	0.0045	0.5662
270	SLD 12	-1.41	-2.38	36.64	11.758	0.004	0.4924
270	SLD 13	-4.2	0.06	36.31	11.5463	0.0006	1.4673
270	SLD 14	-3.88	-0.13	36.08	11.4764	-0.0001	1.3553
270	SLD 15	-4.14	-0.84	35.65	11.3929	-0.0011	1.4489
270	SLD 16	-3.82	-1.03	35.42	11.323	-0.0018	1.3369
270	SLV 1	7.02	-0.87	46.14	14.5632	0.0388	-2.4631
270	SLV 2	7.77	-1.31	45.6	14.4005	0.0373	-2.724
270	SLV 3	7.14	-2.9	44.66	14.2151	0.0349	-2.5061



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
270	SLV 4	7.89	-3.34	44.12	14.0523	0.0334	-2.7669
270	SLV 5	1.39	2.23	43.23	13.5315	0.0251	-0.4892
270	SLV 6	1.87	1.94	42.89	13.4262	0.0241	-0.658
270	SLV 7	1.8	-4.56	38.29	12.3711	0.0121	-0.6323
270	SLV 8	2.28	-4.85	37.94	12.2658	0.0111	-0.8011
270	SLV 9	-3.43	2.91	39.34	12.3237	0.0096	1.1993
270	SLV 10	-2.95	2.62	38.99	12.2183	0.0086	1.0305
270	SLV 11	-3.02	-3.88	34.39	11.1633	-0.0033	1.0562
270	SLV 12	-2.54	-4.17	34.05	11.058	-0.0043	0.8874
270	SLV 13	-9.04	1.4	33.16	10.5371	-0.0126	3.1651
270	SLV 14	-8.3	0.96	32.62	10.3744	-0.0142	2.9043
270	SLV 15	-8.92	-0.63	31.67	10.189	-0.0165	3.1222
270	SLV 16	-8.18	-1.07	31.14	10.0263	-0.018	2.8613
270	CRTFP Ux+	0	0	0	0	0	0
270	CRTFP Ux-	0	0	0	0	0	0
270	CRTFP Uy+	0	0	0	0	0	0
270	CRTFP Uy-	0	0	0	0	0	0
271	SLU 1	-0.46	-0.85	30.32	9.6187	0.8573	0.1831
271	SLU 2	-0.43	-0.79	30.29	9.6052	0.8563	0.1705
271	SLU 3	-0.47	-0.87	31.02	9.8398	0.8772	0.1881
271	SLU 4	-0.45	-0.83	31	9.8317	0.8766	0.1805
271	SLU 5	-0.43	-0.81	30.75	9.7479	0.8692	0.1736
271	SLU 6	-0.48	-0.88	31.47	9.9825	0.89	0.1911
271	SLU 7	-0.46	-0.84	31.45	9.9744	0.8894	0.1836
271	SLU 8	-0.47	-0.88	31.23	9.9041	0.8831	0.1892
271	SLU 9	-0.45	-0.84	31.21	9.896	0.8825	0.1817
271	SLU 10	-0.45	-0.84	33.77	10.7025	0.9548	0.1804
271	SLU 11	-0.49	-0.92	34.5	10.9371	0.9756	0.1979
271	SLU 12	-0.48	-0.88	34.48	10.929	0.975	0.1904
271	SLU 13	-0.46	-0.86	34.23	10.8452	0.9676	0.1834
271	SLU 14	-0.5	-0.93	34.95	11.0798	0.9884	0.2009
271	SLU 15	-0.48	-0.9	34.94	11.0717	0.9878	0.1934
271	SLU 16	-0.5	-0.93	34.71	11.0014	0.9815	0.199
271	SLU 17	-0.48	-0.89	34.69	10.9933	0.9809	0.1915
271	SLU 18	-0.49	-0.92	35.29	11.1863	0.9979	0.1971
271	SLU 19	-0.47	-0.89	35.28	11.1782	0.9973	0.1896
271	SLU 20	-0.5	-0.94	35.75	11.329	1.0108	0.2002
271	SLU 21	-0.48	-0.9	35.73	11.3209	1.0102	0.1926
271	SLU 22	-0.52	-0.88	33.52	10.6385	0.9483	0.2044
271	SLU 23	-0.48	-0.82	33.49	10.625	0.9473	0.1919
271	SLU 24	-0.53	-0.9	34.22	10.8596	0.9681	0.2094
271	SLU 25	-0.51	-0.86	34.2	10.8515	0.9675	0.2019
271	SLU 26	-0.49	-0.84	33.95	10.7677	0.9601	0.1949
271	SLU 27	-0.54	-0.91	34.67	11.0023	0.9809	0.2125
271	SLU 28	-0.52	-0.88	34.66	10.9942	0.9804	0.2049
271	SLU 29	-0.53	-0.91	34.43	10.9239	0.974	0.2105
271	SLU 30	-0.51	-0.87	34.41	10.9158	0.9734	0.203
271	SLU 31	-0.51	-0.88	36.98	11.7223	1.0457	0.2017
271	SLU 32	-0.55	-0.95	37.7	11.9569	1.0665	0.2192
271	SLU 33	-0.53	-0.91	37.68	11.9488	1.0659	0.2117
271	SLU 34	-0.52	-0.89	37.43	11.865	1.0585	0.2048
271	SLU 35	-0.56	-0.96	38.15	12.0996	1.0794	0.2223
271	SLU 36	-0.54	-0.93	38.14	12.0915	1.0788	0.2148
271	SLU 37	-0.56	-0.96	37.91	12.0212	1.0724	0.2204
271	SLU 38	-0.54	-0.93	37.89	12.0131	1.0718	0.2128
271	SLU 39	-0.55	-0.96	38.49	12.2061	1.0888	0.2185
271	SLU 40	-0.53	-0.92	38.48	12.198	1.0882	0.2109
271	SLU 41	-0.56	-0.97	38.95	12.3487	1.1017	0.2215
271	SLU 42	-0.54	-0.93	38.93	12.3407	1.1011	0.214
271	SLU 43	-0.57	-1.1	38.31	12.1547	1.0834	0.2307
271	SLU 44	-0.54	-1.04	38.29	12.1412	1.0824	0.2182
271	SLU 45	-0.59	-1.11	39.01	12.3758	1.1032	0.2357
271	SLU 46	-0.57	-1.08	39	12.3677	1.1026	0.2282
271	SLU 47	-0.55	-1.05	38.74	12.2839	1.0952	0.2212
271	SLU 48	-0.6	-1.12	39.47	12.5185	1.116	0.2387
271	SLU 49	-0.58	-1.09	39.45	12.5104	1.1155	0.2312
271	SLU 50	-0.59	-1.12	39.22	12.4401	1.1091	0.2368
271	SLU 51	-0.57	-1.09	39.21	12.432	1.1085	0.2293
271	SLU 52	-0.57	-1.09	41.77	13.2385	1.1808	0.228
271	SLU 53	-0.61	-1.16	42.49	13.4731	1.2016	0.2455
271	SLU 54	-0.59	-1.13	42.48	13.465	1.201	0.238
271	SLU 55	-0.58	-1.1	42.22	13.3812	1.1936	0.231
271	SLU 56	-0.62	-1.18	42.95	13.6158	1.2144	0.2486
271	SLU 57	-0.6	-1.14	42.93	13.6077	1.2139	0.241
271	SLU 58	-0.61	-1.17	42.7	13.5374	1.2075	0.2466
271	SLU 59	-0.6	-1.14	42.69	13.5293	1.2069	0.2391
271	SLU 60	-0.61	-1.17	43.29	13.7223	1.2239	0.2447
271	SLU 61	-0.59	-1.13	43.27	13.7142	1.2233	0.2372
271	SLU 62	-0.62	-1.18	43.74	13.865	1.2368	0.2478
271	SLU 63	-0.6	-1.15	43.73	13.8569	1.2362	0.2402
271	SLU 64	-0.63	-1.13	41.52	13.1745	1.1743	0.2521
271	SLU 65	-0.6	-1.07	41.49	13.161	1.1733	0.2395
271	SLU 66	-0.65	-1.14	42.22	13.3956	1.1941	0.257
271	SLU 67	-0.63	-1.11	42.2	13.3875	1.1935	0.2495
271	SLU 68	-0.61	-1.08	41.95	13.3037	1.1862	0.2426
271	SLU 69	-0.65	-1.15	42.67	13.5383	1.207	0.2601
271	SLU 70	-0.64	-1.12	42.65	13.5302	1.2064	0.2526
271	SLU 71	-0.65	-1.15	42.43	13.4599	1.2	0.2582
271	SLU 72	-0.63	-1.12	42.41	13.4518	1.1994	0.2506



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
271	SLU 73	-0.63	-1.12	44.97	14.2583	1.2717	0.2493
271	SLU 74	-0.67	-1.19	45.7	14.4929	1.2925	0.2669
271	SLU 75	-0.65	-1.16	45.68	14.4848	1.2919	0.2593
271	SLU 76	-0.63	-1.13	45.43	14.401	1.2846	0.2524
271	SLU 77	-0.68	-1.21	46.15	14.6356	1.3054	0.2699
271	SLU 78	-0.66	-1.17	46.14	14.6275	1.3048	0.2624
271	SLU 79	-0.67	-1.2	45.91	14.5572	1.2984	0.268
271	SLU 80	-0.65	-1.17	45.89	14.5491	1.2978	0.2604
271	SLU 81	-0.67	-1.2	46.49	14.742	1.3149	0.2661
271	SLU 82	-0.65	-1.17	46.48	14.734	1.3143	0.2585
271	SLU 83	-0.68	-1.21	46.95	14.8847	1.3277	0.2691
271	SLU 84	-0.66	-1.18	46.93	14.8766	1.3271	0.2616
271	SLE RA 1	-0.47	-0.86	31.23	9.9101	0.8833	0.1892
271	SLE RA 2	-0.45	-0.82	31.22	9.9011	0.8827	0.1808
271	SLE RA 3	-0.48	-0.87	31.7	10.0575	0.8965	0.1925
271	SLE RA 4	-0.47	-0.85	31.69	10.0521	0.8961	0.1875
271	SLE RA 5	-0.46	-0.83	31.52	9.9962	0.8912	0.1829
271	SLE RA 6	-0.49	-0.88	32	10.1526	0.9051	0.1946
271	SLE RA 7	-0.48	-0.86	31.99	10.1472	0.9047	0.1895
271	SLE RA 8	-0.48	-0.88	31.84	10.1003	0.9005	0.1933
271	SLE RA 9	-0.47	-0.85	31.83	10.0949	0.9001	0.1882
271	SLE RA 10	-0.47	-0.86	33.54	10.6326	0.9483	0.1874
271	SLE RA 11	-0.5	-0.9	34.02	10.789	0.9621	0.1991
271	SLE RA 12	-0.49	-0.88	34.01	10.7836	0.9617	0.194
271	SLE RA 13	-0.47	-0.86	33.84	10.7278	0.9568	0.1894
271	SLE RA 14	-0.5	-0.91	34.32	10.8841	0.9707	0.2011
271	SLE RA 15	-0.49	-0.89	34.31	10.8788	0.9703	0.1961
271	SLE RA 16	-0.5	-0.91	34.16	10.8319	0.9661	0.1998
271	SLE RA 17	-0.49	-0.89	34.15	10.8265	0.9657	0.1948
271	SLE RA 18	-0.5	-0.91	34.55	10.9551	0.977	0.1985
271	SLE RA 19	-0.48	-0.89	34.54	10.9497	0.9766	0.1935
271	SLE RA 20	-0.5	-0.92	34.85	11.0503	0.9856	0.2006
271	SLE RA 21	-0.49	-0.89	34.84	11.0449	0.9852	0.1956
271	SLE FR 1	-0.47	-0.86	31.23	9.9101	0.8833	0.1892
271	SLE FR 2	-0.47	-0.85	31.23	9.9083	0.8832	0.1875
271	SLE FR 3	-0.48	-0.86	31.35	9.9481	0.8868	0.19
271	SLE FR 4	-0.48	-0.87	32.22	10.2218	0.9113	0.1903
271	SLE FR 5	-0.48	-0.88	32.35	10.2617	0.9149	0.1928
271	SLE FR 6	-0.49	-0.88	32.89	10.4326	0.9302	0.1939
271	SLE QP 1	-0.47	-0.86	31.23	9.9101	0.8833	0.1892
271	SLE QP 2	-0.48	-0.87	32.23	10.2236	0.9114	0.192
271	SLD 1	2.26	-0.85	34.61	10.9322	0.9857	-0.7749
271	SLD 2	2.53	-1.01	34.43	10.8771	0.9804	-0.8652
271	SLD 3	2.31	-1.61	34.1	10.8204	0.9705	-0.7595
271	SLD 4	2.58	-1.77	33.92	10.7653	0.9652	-0.8498
271	SLD 5	0.23	0.31	33.75	10.6156	0.9577	-0.1051
271	SLD 6	0.41	0.21	33.63	10.5793	0.9542	-0.1646
271	SLD 7	0.37	-2.22	32.05	10.243	0.9071	-0.054
271	SLD 8	0.55	-2.32	31.93	10.2067	0.9036	-0.1135
271	SLD 9	-1.51	0.57	32.52	10.2405	0.9193	0.4975
271	SLD 10	-1.34	0.47	32.41	10.2042	0.9158	0.438
271	SLD 11	-1.37	-1.96	30.82	9.8679	0.8687	0.5486
271	SLD 12	-1.19	-2.06	30.71	9.8316	0.8652	0.4891
271	SLD 13	-3.54	0.02	30.53	9.6819	0.8577	1.2338
271	SLD 14	-3.27	-0.14	30.35	9.6268	0.8523	1.1435
271	SLD 15	-3.5	-0.74	30.02	9.5701	0.8425	1.2492
271	SLD 16	-3.23	-0.9	29.84	9.515	0.8371	1.1589
271	SLV 1	5.94	-0.85	37.79	11.8779	1.0847	-2.0701
271	SLV 2	6.57	-1.21	37.37	11.7495	1.0722	-2.2805
271	SLV 3	6.04	-2.57	36.63	11.624	1.0503	-2.0346
271	SLV 4	6.68	-2.93	36.22	11.4956	1.0378	-2.2449
271	SLV 5	1.18	1.81	35.72	11.1273	1.0178	-0.5041
271	SLV 6	1.59	1.57	35.45	11.0442	1.0097	-0.6402
271	SLV 7	1.52	-3.93	31.87	10.2809	0.9031	-0.3855
271	SLV 8	1.93	-4.17	31.6	10.1978	0.895	-0.5216
271	SLV 9	-2.89	2.42	32.86	10.2494	0.9279	0.9056
271	SLV 10	-2.49	2.18	32.59	10.1663	0.9198	0.7695
271	SLV 11	-2.55	-3.32	29	9.403	0.8132	1.0242
271	SLV 12	-2.14	-3.56	28.73	9.3199	0.8051	0.8881
271	SLV 13	-7.64	1.19	28.24	8.9516	0.785	2.6289
271	SLV 14	-7.01	0.82	27.83	8.8232	0.7726	2.4185
271	SLV 15	-7.53	-0.54	27.08	8.6977	0.7506	2.6645
271	SLV 16	-6.9	-0.9	26.67	8.5693	0.7381	2.4541
271	CRTFP Ux+	0	0	0	0	0	0
271	CRTFP Ux-	0	0	0	0	0	0
271	CRTFP Uy+	0	0	0	0	0	0
271	CRTFP Uy-	0	0	0	0	0	0
272	SLU 1	-0.66	-1.26	43.6	13.3921	1.0351	0.2509
272	SLU 2	-0.62	-1.17	43.58	13.3772	1.034	0.2339
272	SLU 3	-0.68	-1.28	44.6	13.6994	1.059	0.2578
272	SLU 4	-0.66	-1.23	44.59	13.6904	1.0583	0.2476
272	SLU 5	-0.63	-1.19	44.23	13.5758	1.0495	0.2381
272	SLU 6	-0.69	-1.3	45.25	13.898	1.0745	0.2619
272	SLU 7	-0.67	-1.25	45.24	13.8891	1.0739	0.2517
272	SLU 8	-0.69	-1.3	44.9	13.7894	1.0662	0.2593
272	SLU 9	-0.66	-1.25	44.89	13.7805	1.0655	0.2491
272	SLU 10	-0.65	-1.25	48.59	14.9109	1.1528	0.2475
272	SLU 11	-0.72	-1.36	49.61	15.2331	1.1778	0.2713
272	SLU 12	-0.69	-1.31	49.6	15.2241	1.1772	0.2611



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
272	SLU 13	-0.66	-1.27	49.25	15.1095	1.1683	0.2516
272	SLU 14	-0.73	-1.38	50.26	15.4317	1.1933	0.2755
272	SLU 15	-0.7	-1.33	50.25	15.4228	1.1927	0.2653
272	SLU 16	-0.72	-1.37	49.91	15.3231	1.185	0.2728
272	SLU 17	-0.69	-1.32	49.9	15.3142	1.1843	0.2626
272	SLU 18	-0.71	-1.37	50.76	15.5831	1.2048	0.2703
272	SLU 19	-0.69	-1.32	50.75	15.5742	1.2042	0.2601
272	SLU 20	-0.72	-1.39	51.41	15.7818	1.2204	0.2745
272	SLU 21	-0.7	-1.34	51.4	15.7728	1.2197	0.2643
272	SLU 22	-0.75	-1.3	48.18	14.8075	1.1449	0.2804
272	SLU 23	-0.7	-1.22	48.16	14.7925	1.1438	0.2633
272	SLU 24	-0.77	-1.32	49.18	15.1147	1.1688	0.2872
272	SLU 25	-0.74	-1.27	49.17	15.1057	1.1681	0.277
272	SLU 26	-0.71	-1.24	48.81	14.9912	1.1593	0.2675
272	SLU 27	-0.78	-1.34	49.83	15.3134	1.1843	0.2913
272	SLU 28	-0.75	-1.29	49.82	15.3044	1.1836	0.2811
272	SLU 29	-0.77	-1.34	49.48	15.2048	1.1759	0.2887
272	SLU 30	-0.74	-1.29	49.47	15.1958	1.1753	0.2785
272	SLU 31	-0.74	-1.3	53.17	16.3262	1.2626	0.2769
272	SLU 32	-0.8	-1.4	54.19	16.6484	1.2876	0.3007
272	SLU 33	-0.77	-1.35	54.18	16.6395	1.2869	0.2905
272	SLU 34	-0.75	-1.31	53.82	16.5249	1.2781	0.2811
272	SLU 35	-0.81	-1.42	54.84	16.8471	1.3031	0.3049
272	SLU 36	-0.79	-1.37	54.83	16.8381	1.3024	0.2947
272	SLU 37	-0.8	-1.42	54.49	16.7385	1.2947	0.3022
272	SLU 38	-0.78	-1.37	54.48	16.7295	1.2941	0.292
272	SLU 39	-0.8	-1.41	55.34	16.9985	1.3146	0.2997
272	SLU 40	-0.77	-1.36	55.33	16.9895	1.3139	0.2895
272	SLU 41	-0.81	-1.43	55.99	17.1971	1.3301	0.3039
272	SLU 42	-0.78	-1.38	55.98	17.1882	1.3295	0.2937
272	SLU 43	-0.83	-1.62	55.11	16.9245	1.308	0.3161
272	SLU 44	-0.79	-1.54	55.09	16.9096	1.3069	0.2991
272	SLU 45	-0.85	-1.64	56.11	17.2318	1.3319	0.323
272	SLU 46	-0.83	-1.59	56.1	17.2228	1.3312	0.3128
272	SLU 47	-0.8	-1.56	55.74	17.1082	1.3224	0.3033
272	SLU 48	-0.86	-1.66	56.76	17.4304	1.3474	0.3271
272	SLU 49	-0.84	-1.61	56.75	17.4214	1.3468	0.3169
272	SLU 50	-0.86	-1.66	56.41	17.3218	1.3391	0.3245
272	SLU 51	-0.83	-1.61	56.4	17.3129	1.3384	0.3143
272	SLU 52	-0.82	-1.61	60.1	18.4433	1.4257	0.3127
272	SLU 53	-0.89	-1.72	61.12	18.7655	1.4507	0.3365
272	SLU 54	-0.86	-1.67	61.11	18.7565	1.4501	0.3263
272	SLU 55	-0.83	-1.63	60.76	18.6419	1.4412	0.3168
272	SLU 56	-0.9	-1.74	61.77	18.9641	1.4662	0.3407
272	SLU 57	-0.87	-1.69	61.76	18.9551	1.4656	0.3305
272	SLU 58	-0.89	-1.74	61.43	18.8555	1.4579	0.338
272	SLU 59	-0.86	-1.69	61.41	18.8466	1.4572	0.3278
272	SLU 60	-0.88	-1.73	62.27	19.1155	1.4777	0.3355
272	SLU 61	-0.86	-1.68	62.26	19.1065	1.4771	0.3253
272	SLU 62	-0.89	-1.75	62.92	19.3142	1.4933	0.3397
272	SLU 63	-0.87	-1.7	62.91	19.3052	1.4926	0.3295
272	SLU 64	-0.92	-1.66	59.69	18.3399	1.4178	0.3456
272	SLU 65	-0.87	-1.58	59.67	18.3249	1.4167	0.3285
272	SLU 66	-0.94	-1.69	60.69	18.6471	1.4417	0.3524
272	SLU 67	-0.91	-1.64	60.68	18.6381	1.441	0.3422
272	SLU 68	-0.88	-1.6	60.32	18.5236	1.4322	0.3327
272	SLU 69	-0.95	-1.7	61.34	18.8458	1.4572	0.3565
272	SLU 70	-0.92	-1.65	61.33	18.8368	1.4565	0.3463
272	SLU 71	-0.94	-1.7	60.99	18.7372	1.4488	0.3539
272	SLU 72	-0.91	-1.65	60.98	18.7282	1.4482	0.3437
272	SLU 73	-0.91	-1.66	64.68	19.8586	1.5355	0.3421
272	SLU 74	-0.97	-1.76	65.7	20.1808	1.5605	0.3659
272	SLU 75	-0.94	-1.71	65.69	20.1718	1.5598	0.3557
272	SLU 76	-0.92	-1.68	65.33	20.0573	1.551	0.3463
272	SLU 77	-0.98	-1.78	66.35	20.3795	1.576	0.3701
272	SLU 78	-0.96	-1.73	66.34	20.3705	1.5753	0.3599
272	SLU 79	-0.97	-1.78	66	20.2709	1.5676	0.3674
272	SLU 80	-0.95	-1.73	65.99	20.2619	1.567	0.3572
272	SLU 81	-0.97	-1.77	66.85	20.5309	1.5875	0.3649
272	SLU 82	-0.94	-1.72	66.84	20.5219	1.5868	0.3547
272	SLU 83	-0.98	-1.79	67.5	20.7295	1.603	0.3691
272	SLU 84	-0.95	-1.74	67.49	20.7205	1.6024	0.3589
272	SLE RA 1	-0.69	-1.27	44.91	13.7965	1.0665	0.2593
272	SLE RA 2	-0.66	-1.22	44.9	13.7865	1.0657	0.248
272	SLE RA 3	-0.7	-1.28	45.58	14.0013	1.0824	0.2639
272	SLE RA 4	-0.68	-1.25	45.57	13.9954	1.082	0.2571
272	SLE RA 5	-0.66	-1.23	45.33	13.919	1.0761	0.2508
272	SLE RA 6	-0.71	-1.3	46.01	14.1338	1.0927	0.2667
272	SLE RA 7	-0.69	-1.26	46	14.1278	1.0923	0.2599
272	SLE RA 8	-0.7	-1.3	45.78	14.0614	1.0872	0.2649
272	SLE RA 9	-0.68	-1.26	45.77	14.0554	1.0867	0.2581
272	SLE RA 10	-0.68	-1.27	48.24	14.809	1.1449	0.257
272	SLE RA 11	-0.72	-1.34	48.92	15.0238	1.1616	0.2729
272	SLE RA 12	-0.71	-1.3	48.91	15.0178	1.1612	0.2661
272	SLE RA 13	-0.69	-1.28	48.67	14.9415	1.1553	0.2598
272	SLE RA 14	-0.73	-1.35	49.35	15.1563	1.172	0.2757
272	SLE RA 15	-0.71	-1.32	49.34	15.1503	1.1715	0.2689
272	SLE RA 16	-0.73	-1.35	49.12	15.0839	1.1664	0.2739
272	SLE RA 17	-0.71	-1.31	49.11	15.0779	1.1659	0.2671



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
272	SLE RA 18	-0.72	-1.34	49.68	15.2572	1.1796	0.2723
272	SLE RA 19	-0.7	-1.31	49.67	15.2512	1.1792	0.2654
272	SLE RA 20	-0.73	-1.36	50.12	15.3896	1.19	0.275
272	SLE RA 21	-0.71	-1.32	50.11	15.3836	1.1895	0.2682
272	SLE FR 1	-0.69	-1.27	44.91	13.7965	1.0665	0.2593
272	SLE FR 2	-0.68	-1.26	44.91	13.7945	1.0663	0.2571
272	SLE FR 3	-0.69	-1.28	45.08	13.8495	1.0706	0.2605
272	SLE FR 4	-0.69	-1.28	46.34	14.2327	1.1003	0.261
272	SLE FR 5	-0.7	-1.3	46.51	14.2877	1.1046	0.2643
272	SLE FR 6	-0.7	-1.31	47.3	14.5269	1.123	0.2658
272	SLE QP 1	-0.69	-1.27	44.91	13.7965	1.0665	0.2593
272	SLE QP 2	-0.7	-1.29	46.34	14.2347	1.1004	0.2632
272	SLD 1	3.33	-1.27	49.3	15.0496	1.1892	-1.0861
272	SLD 2	3.73	-1.49	49.07	14.9795	1.1828	-1.2129
272	SLD 3	3.39	-2.39	48.6	14.9201	1.1713	-1.0674
272	SLD 4	3.79	-2.61	48.37	14.85	1.1649	-1.1942
272	SLD 5	0.34	0.45	48.33	14.6881	1.1554	-0.1472
272	SLD 6	0.6	0.3	48.18	14.642	1.1512	-0.2308
272	SLD 7	0.56	-3.28	46	14.2565	1.0956	-0.0848
272	SLD 8	0.82	-3.42	45.85	14.2104	1.0914	-0.1683
272	SLD 9	-2.21	0.84	46.83	14.2591	1.1094	0.6948
272	SLD 10	-1.95	0.69	46.68	14.2129	1.1052	0.6113
272	SLD 11	-2	-2.89	44.5	13.8274	1.0497	0.7572
272	SLD 12	-1.74	-3.04	44.35	13.7813	1.0455	0.6737
272	SLD 13	-5.18	0.02	44.31	13.6194	1.0359	1.7206
272	SLD 14	-4.79	-0.2	44.08	13.5493	1.0296	1.5938
272	SLD 15	-5.12	-1.1	43.61	13.4899	1.018	1.7394
272	SLD 16	-4.72	-1.32	43.38	13.4198	1.0116	1.6125
272	SLV 1	8.72	-1.28	53.24	16.1372	1.3075	-2.8939
272	SLV 2	9.65	-1.79	52.7	15.974	1.2927	-3.1892
272	SLV 3	8.87	-3.81	51.66	15.8424	1.2669	-2.8502
272	SLV 4	9.8	-4.33	51.12	15.6792	1.252	-3.1455
272	SLV 5	1.74	2.64	50.91	15.281	1.2267	-0.6989
272	SLV 6	2.34	2.31	50.56	15.1754	1.2171	-0.8901
272	SLV 7	2.24	-5.8	45.63	14.2981	1.0913	-0.5532
272	SLV 8	2.84	-6.13	45.28	14.1925	1.0817	-0.7444
272	SLV 9	-4.23	3.55	47.4	14.2769	1.1191	1.2708
272	SLV 10	-3.63	3.22	47.05	14.1713	1.1095	1.0797
272	SLV 11	-3.74	-4.9	42.12	13.294	0.9837	1.4165
272	SLV 12	-3.14	-5.23	41.77	13.1884	0.9741	1.2254
272	SLV 13	-11.19	1.74	41.56	12.7903	0.9488	3.672
272	SLV 14	-10.27	1.23	41.02	12.627	0.934	3.3766
272	SLV 15	-11.04	-0.79	39.98	12.4954	0.9082	3.7157
272	SLV 16	-10.12	-1.31	39.44	12.3322	0.8933	3.4203
272	CRTFP Ux+	0	0	0	0	0	0
272	CRTFP Ux-	0	0	0	0	0	0
272	CRTFP Uy+	0	0	0	0	0	0
272	CRTFP Uy-	0	0	0	0	0	0
273	SLU 1	-0.37	-0.69	24.09	6.4409	-0.5479	0.093
273	SLU 2	-0.34	-0.64	24.09	6.436	-0.5479	0.0867
273	SLU 3	-0.38	-0.7	24.64	6.588	-0.5604	0.0958
273	SLU 4	-0.36	-0.67	24.64	6.5851	-0.5604	0.092
273	SLU 5	-0.35	-0.65	24.45	6.5313	-0.5561	0.0883
273	SLU 6	-0.38	-0.71	25	6.6833	-0.5686	0.0973
273	SLU 7	-0.37	-0.68	25	6.6804	-0.5686	0.0936
273	SLU 8	-0.38	-0.71	24.81	6.6314	-0.5642	0.0961
273	SLU 9	-0.36	-0.68	24.81	6.6285	-0.5642	0.0924
273	SLU 10	-0.36	-0.68	26.86	7.1745	-0.611	0.0915
273	SLU 11	-0.4	-0.74	27.41	7.3265	-0.6235	0.1006
273	SLU 12	-0.38	-0.71	27.41	7.3236	-0.6235	0.0969
273	SLU 13	-0.37	-0.7	27.22	7.2697	-0.6191	0.0931
273	SLU 14	-0.4	-0.75	27.77	7.4218	-0.6316	0.1022
273	SLU 15	-0.39	-0.72	27.77	7.4189	-0.6316	0.0984
273	SLU 16	-0.4	-0.75	27.58	7.3699	-0.6273	0.101
273	SLU 17	-0.38	-0.72	27.58	7.367	-0.6273	0.0972
273	SLU 18	-0.39	-0.75	28.05	7.4958	-0.638	0.0999
273	SLU 19	-0.38	-0.72	28.05	7.4929	-0.638	0.0961
273	SLU 20	-0.4	-0.76	28.41	7.5911	-0.6462	0.1015
273	SLU 21	-0.39	-0.73	28.41	7.5882	-0.6461	0.0977
273	SLU 22	-0.41	-0.71	26.61	7.1179	-0.6051	0.1063
273	SLU 23	-0.39	-0.66	26.61	7.1131	-0.6051	0.1
273	SLU 24	-0.42	-0.72	27.16	7.2651	-0.6176	0.1091
273	SLU 25	-0.41	-0.69	27.16	7.2622	-0.6176	0.1053
273	SLU 26	-0.39	-0.67	26.97	7.2084	-0.6132	0.1016
273	SLU 27	-0.43	-0.73	27.52	7.3604	-0.6257	0.1107
273	SLU 28	-0.41	-0.7	27.52	7.3575	-0.6257	0.1069
273	SLU 29	-0.43	-0.73	27.33	7.3085	-0.6214	0.1094
273	SLU 30	-0.41	-0.7	27.32	7.3056	-0.6214	0.1057
273	SLU 31	-0.41	-0.71	29.38	7.8515	-0.6681	0.1049
273	SLU 32	-0.44	-0.76	29.93	8.0036	-0.6806	0.1139
273	SLU 33	-0.43	-0.73	29.93	8.0007	-0.6806	0.1102
273	SLU 34	-0.41	-0.72	29.74	7.9468	-0.6763	0.1064
273	SLU 35	-0.45	-0.77	30.29	8.0988	-0.6888	0.1155
273	SLU 36	-0.43	-0.74	30.29	8.0959	-0.6888	0.1118
273	SLU 37	-0.44	-0.77	30.1	8.0469	-0.6844	0.1143
273	SLU 38	-0.43	-0.74	30.1	8.044	-0.6844	0.1105
273	SLU 39	-0.44	-0.77	30.57	8.1729	-0.6951	0.1132
273	SLU 40	-0.43	-0.74	30.57	8.17	-0.6951	0.1094
273	SLU 41	-0.45	-0.78	30.93	8.2682	-0.7033	0.1148



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
273	SLU 42	-0.43	-0.75	30.93	8.2652	-0.7033	0.111
273	SLU 43	-0.46	-0.89	30.46	8.141	-0.6927	0.1163
273	SLU 44	-0.44	-0.84	30.46	8.1361	-0.6927	0.11
273	SLU 45	-0.47	-0.9	31.01	8.2882	-0.7052	0.1191
273	SLU 46	-0.46	-0.87	31.01	8.2852	-0.7052	0.1153
273	SLU 47	-0.44	-0.85	30.81	8.2314	-0.7009	0.1116
273	SLU 48	-0.48	-0.91	31.37	8.3834	-0.7134	0.1207
273	SLU 49	-0.46	-0.88	31.37	8.3805	-0.7134	0.1169
273	SLU 50	-0.47	-0.91	31.18	8.3315	-0.709	0.1194
273	SLU 51	-0.46	-0.88	31.17	8.3286	-0.709	0.1157
273	SLU 52	-0.46	-0.88	33.23	8.8746	-0.7558	0.1149
273	SLU 53	-0.49	-0.94	33.78	9.0266	-0.7683	0.1239
273	SLU 54	-0.48	-0.91	33.78	9.0237	-0.7683	0.1202
273	SLU 55	-0.46	-0.89	33.59	8.9699	-0.7639	0.1164
273	SLU 56	-0.5	-0.95	34.14	9.1219	-0.7764	0.1255
273	SLU 57	-0.48	-0.92	34.14	9.119	-0.7764	0.1218
273	SLU 58	-0.49	-0.95	33.95	9.07	-0.7721	0.1243
273	SLU 59	-0.48	-0.92	33.95	9.0671	-0.7721	0.1205
273	SLU 60	-0.49	-0.95	34.42	9.1959	-0.7828	0.1232
273	SLU 61	-0.47	-0.92	34.42	9.193	-0.7828	0.1195
273	SLU 62	-0.5	-0.96	34.78	9.2912	-0.7909	0.1248
273	SLU 63	-0.48	-0.93	34.78	9.2883	-0.7909	0.121
273	SLU 64	-0.51	-0.91	32.97	8.8181	-0.7499	0.1296
273	SLU 65	-0.48	-0.86	32.97	8.8132	-0.7499	0.1233
273	SLU 66	-0.52	-0.92	33.52	8.9652	-0.7624	0.1324
273	SLU 67	-0.5	-0.89	33.52	8.9623	-0.7624	0.1286
273	SLU 68	-0.49	-0.87	33.33	8.9085	-0.758	0.1249
273	SLU 69	-0.52	-0.93	33.88	9.0605	-0.7705	0.134
273	SLU 70	-0.51	-0.9	33.88	9.0576	-0.7705	0.1302
273	SLU 71	-0.52	-0.93	33.69	9.0086	-0.7662	0.1327
273	SLU 72	-0.51	-0.9	33.69	9.0057	-0.7662	0.129
273	SLU 73	-0.5	-0.9	35.74	9.5517	-0.8129	0.1282
273	SLU 74	-0.54	-0.96	36.3	9.7037	-0.8254	0.1373
273	SLU 75	-0.52	-0.93	36.29	9.7008	-0.8254	0.1335
273	SLU 76	-0.51	-0.92	36.1	9.6469	-0.821	0.1298
273	SLU 77	-0.54	-0.97	36.65	9.799	-0.8336	0.1388
273	SLU 78	-0.53	-0.94	36.65	9.7961	-0.8336	0.1351
273	SLU 79	-0.54	-0.97	36.46	9.7471	-0.8292	0.1376
273	SLU 80	-0.52	-0.94	36.46	9.7441	-0.8292	0.1338
273	SLU 81	-0.54	-0.97	36.93	9.873	-0.8399	0.1365
273	SLU 82	-0.52	-0.94	36.93	9.8701	-0.8399	0.1328
273	SLU 83	-0.54	-0.98	37.29	9.9683	-0.8481	0.1381
273	SLU 84	-0.53	-0.95	37.29	9.9654	-0.8481	0.1343
273	SLE RA 1	-0.38	-0.69	24.81	6.6343	-0.5643	0.0968
273	SLE RA 2	-0.36	-0.66	24.81	6.6311	-0.5643	0.0926
273	SLE RA 3	-0.39	-0.7	25.18	6.7324	-0.5726	0.0986
273	SLE RA 4	-0.38	-0.68	25.18	6.7305	-0.5726	0.0961
273	SLE RA 5	-0.37	-0.67	25.05	6.6946	-0.5697	0.0936
273	SLE RA 6	-0.39	-0.71	25.42	6.7959	-0.578	0.0997
273	SLE RA 7	-0.38	-0.69	25.42	6.794	-0.578	0.0972
273	SLE RA 8	-0.39	-0.71	25.29	6.7613	-0.5751	0.0989
273	SLE RA 9	-0.38	-0.69	25.29	6.7594	-0.5751	0.0964
273	SLE RA 10	-0.38	-0.69	26.66	7.1234	-0.6063	0.0958
273	SLE RA 11	-0.4	-0.73	27.03	7.2247	-0.6146	0.1019
273	SLE RA 12	-0.39	-0.71	27.03	7.2228	-0.6146	0.0994
273	SLE RA 13	-0.38	-0.7	26.9	7.1869	-0.6117	0.0969
273	SLE RA 14	-0.4	-0.74	27.27	7.2882	-0.6201	0.1029
273	SLE RA 15	-0.39	-0.72	27.26	7.2863	-0.6201	0.1004
273	SLE RA 16	-0.4	-0.74	27.14	7.2536	-0.6172	0.1021
273	SLE RA 17	-0.39	-0.72	27.14	7.2517	-0.6172	0.0996
273	SLE RA 18	-0.4	-0.73	27.45	7.3376	-0.6243	0.1014
273	SLE RA 19	-0.39	-0.72	27.45	7.3357	-0.6243	0.0989
273	SLE RA 20	-0.4	-0.74	27.69	7.4011	-0.6297	0.1024
273	SLE RA 21	-0.39	-0.72	27.69	7.3992	-0.6297	0.0999
273	SLE FR 1	-0.38	-0.69	24.81	6.6343	-0.5643	0.0968
273	SLE FR 2	-0.38	-0.69	24.81	6.6337	-0.5643	0.0959
273	SLE FR 3	-0.38	-0.7	24.91	6.6597	-0.5664	0.0972
273	SLE FR 4	-0.38	-0.7	25.6	6.8447	-0.5823	0.0973
273	SLE FR 5	-0.39	-0.71	25.7	6.8707	-0.5845	0.0986
273	SLE FR 6	-0.39	-0.71	26.13	6.986	-0.5943	0.0991
273	SLE QP 1	-0.38	-0.69	24.81	6.6343	-0.5643	0.0968
273	SLE QP 2	-0.39	-0.71	25.6	6.8453	-0.5823	0.0981
273	SLD 1	1.87	-0.68	27.03	7.1694	-0.612	-0.5593
273	SLD 2	2.1	-0.8	26.91	7.139	-0.6094	-0.6268
273	SLD 3	1.91	-1.31	26.65	7.1138	-0.6039	-0.5825
273	SLD 4	2.13	-1.43	26.53	7.0834	-0.6013	-0.65
273	SLD 5	0.2	0.28	26.63	7.0323	-0.604	-0.0518
273	SLD 6	0.35	0.2	26.56	7.0123	-0.6023	-0.0963
273	SLD 7	0.32	-1.82	25.36	6.847	-0.5769	-0.1291
273	SLD 8	0.46	-1.9	25.28	6.827	-0.5752	-0.1736
273	SLD 9	-1.23	0.49	25.93	6.8636	-0.5893	0.3698
273	SLD 10	-1.09	0.41	25.85	6.8436	-0.5876	0.3254
273	SLD 11	-1.12	-1.61	24.65	6.6783	-0.5623	0.2926
273	SLD 12	-0.97	-1.69	24.57	6.6583	-0.5606	0.2481
273	SLD 13	-2.9	0.02	24.68	6.6072	-0.5632	0.8463
273	SLD 14	-2.68	-0.1	24.56	6.5768	-0.5607	0.7788
273	SLD 15	-2.87	-0.61	24.29	6.5516	-0.5551	0.8231
273	SLD 16	-2.64	-0.73	24.17	6.5212	-0.5526	0.7556
273	SLV 1	4.9	-0.68	28.93	7.6019	-0.6515	-1.4409



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
273	SLV 2	5.42	-0.96	28.66	7.5311	-0.6455	-1.598
273	SLV 3	4.98	-2.11	28.06	7.4751	-0.6331	-1.4938
273	SLV 4	5.5	-2.38	27.78	7.4043	-0.6271	-1.651
273	SLV 5	0.98	1.52	27.97	7.277	-0.632	-0.256
273	SLV 6	1.32	1.34	27.79	7.2312	-0.6281	-0.3577
273	SLV 7	1.26	-3.24	25.07	6.8541	-0.5707	-0.4325
273	SLV 8	1.6	-3.42	24.89	6.8083	-0.5668	-0.5342
273	SLV 9	-2.37	2.01	26.32	6.8823	-0.5978	0.7304
273	SLV 10	-2.03	1.83	26.14	6.8365	-0.5939	0.6288
273	SLV 11	-2.09	-2.75	23.41	6.4594	-0.5364	0.554
273	SLV 12	-1.76	-2.93	23.24	6.4136	-0.5326	0.4523
273	SLV 13	-6.28	0.97	23.42	6.2863	-0.5374	1.8473
273	SLV 14	-5.75	0.7	23.15	6.2155	-0.5314	1.6901
273	SLV 15	-6.19	-0.45	22.55	6.1595	-0.519	1.7943
273	SLV 16	-5.67	-0.73	22.28	6.0887	-0.513	1.6372
273	CRTFP Ux+	0	0	0	0	0	0
273	CRTFP Ux-	0	0	0	0	0	0
273	CRTFP Uy+	0	0	0	0	0	0
273	CRTFP Uy-	0	0	0	0	0	0
274	SLU 1	-0.54	-0.96	34.61	9.7886	-0.8625	0.1462
274	SLU 2	-0.5	-0.9	34.61	9.7839	-0.8627	0.1365
274	SLU 3	-0.56	-0.97	35.4	10.0116	-0.8821	0.1506
274	SLU 4	-0.53	-0.94	35.4	10.0088	-0.8822	0.1448
274	SLU 5	-0.51	-0.91	35.13	9.9284	-0.8755	0.139
274	SLU 6	-0.56	-0.99	35.91	10.1561	-0.8949	0.153
274	SLU 7	-0.54	-0.95	35.91	10.1533	-0.895	0.1472
274	SLU 8	-0.56	-0.99	35.64	10.0775	-0.8881	0.1511
274	SLU 9	-0.54	-0.95	35.64	10.0747	-0.8882	0.1453
274	SLU 10	-0.53	-0.95	38.6	10.9076	-0.9622	0.1444
274	SLU 11	-0.58	-1.03	39.38	11.1353	-0.9815	0.1584
274	SLU 12	-0.56	-0.99	39.38	11.1325	-0.9817	0.1526
274	SLU 13	-0.54	-0.97	39.11	11.0521	-0.975	0.1468
274	SLU 14	-0.59	-1.04	39.9	11.2798	-0.9943	0.1609
274	SLU 15	-0.57	-1.01	39.9	11.277	-0.9945	0.1551
274	SLU 16	-0.59	-1.04	39.62	11.2012	-0.9875	0.1589
274	SLU 17	-0.57	-1.01	39.62	11.1984	-0.9877	0.1531
274	SLU 18	-0.58	-1.04	40.3	11.3938	-1.0045	0.1574
274	SLU 19	-0.56	-1	40.3	11.3911	-1.0047	0.1516
274	SLU 20	-0.59	-1.05	40.82	11.5383	-1.0173	0.1598
274	SLU 21	-0.57	-1.02	40.82	11.5355	-1.0175	0.154
274	SLU 22	-0.61	-0.98	38.21	10.8128	-0.9518	0.1671
274	SLU 23	-0.57	-0.92	38.21	10.8081	-0.9521	0.1574
274	SLU 24	-0.62	-1	38.99	11.0358	-0.9714	0.1715
274	SLU 25	-0.6	-0.96	39	11.033	-0.9716	0.1657
274	SLU 26	-0.58	-0.93	38.73	10.9526	-0.9649	0.1599
274	SLU 27	-0.63	-1.01	39.51	11.1803	-0.9842	0.1739
274	SLU 28	-0.61	-0.97	39.51	11.1775	-0.9844	0.1681
274	SLU 29	-0.63	-1.01	39.24	11.1017	-0.9774	0.172
274	SLU 30	-0.6	-0.97	39.24	11.0989	-0.9776	0.1662
274	SLU 31	-0.6	-0.98	42.2	11.9318	-1.0515	0.1653
274	SLU 32	-0.65	-1.05	42.98	12.1595	-1.0709	0.1793
274	SLU 33	-0.63	-1.01	42.98	12.1567	-1.071	0.1735
274	SLU 34	-0.61	-0.99	42.71	12.0763	-1.0643	0.1677
274	SLU 35	-0.66	-1.07	43.49	12.304	-1.0837	0.1818
274	SLU 36	-0.64	-1.03	43.5	12.3012	-1.0838	0.176
274	SLU 37	-0.66	-1.07	43.22	12.2254	-1.0768	0.1798
274	SLU 38	-0.63	-1.03	43.22	12.2226	-1.077	0.174
274	SLU 39	-0.65	-1.06	43.9	12.418	-1.0939	0.1783
274	SLU 40	-0.63	-1.02	43.9	12.4153	-1.094	0.1725
274	SLU 41	-0.66	-1.08	44.41	12.5625	-1.1067	0.1808
274	SLU 42	-0.64	-1.04	44.42	12.5597	-1.1068	0.175
274	SLU 43	-0.68	-1.24	43.75	12.374	-1.0906	0.1828
274	SLU 44	-0.64	-1.18	43.76	12.3694	-1.0909	0.1732
274	SLU 45	-0.69	-1.25	44.54	12.597	-1.1102	0.1872
274	SLU 46	-0.67	-1.22	44.55	12.5942	-1.1104	0.1814
274	SLU 47	-0.65	-1.19	44.27	12.5138	-1.1037	0.1756
274	SLU 48	-0.7	-1.27	45.06	12.7415	-1.123	0.1897
274	SLU 49	-0.68	-1.23	45.06	12.7387	-1.1232	0.1839
274	SLU 50	-0.7	-1.27	44.78	12.6629	-1.1162	0.1878
274	SLU 51	-0.68	-1.23	44.79	12.6602	-1.1163	0.182
274	SLU 52	-0.67	-1.23	47.75	13.4931	-1.1903	0.181
274	SLU 53	-0.72	-1.31	48.53	13.7207	-1.2097	0.1951
274	SLU 54	-0.7	-1.27	48.53	13.7179	-1.2098	0.1893
274	SLU 55	-0.68	-1.25	48.26	13.6375	-1.2031	0.1835
274	SLU 56	-0.73	-1.32	49.04	13.8652	-1.2224	0.1976
274	SLU 57	-0.71	-1.29	49.05	13.8624	-1.2226	0.1918
274	SLU 58	-0.73	-1.32	48.77	13.7866	-1.2156	0.1956
274	SLU 59	-0.7	-1.29	48.77	13.7839	-1.2158	0.1898
274	SLU 60	-0.72	-1.32	49.45	13.9793	-1.2327	0.1941
274	SLU 61	-0.7	-1.28	49.45	13.9765	-1.2328	0.1883
274	SLU 62	-0.73	-1.33	49.96	14.1237	-1.2455	0.1965
274	SLU 63	-0.71	-1.3	49.97	14.121	-1.2456	0.1907
274	SLU 64	-0.75	-1.26	47.35	13.3982	-1.1799	0.2037
274	SLU 65	-0.71	-1.2	47.36	13.3936	-1.1802	0.1941
274	SLU 66	-0.76	-1.28	48.14	13.6212	-1.1995	0.2082
274	SLU 67	-0.74	-1.24	48.15	13.6184	-1.1997	0.2024
274	SLU 68	-0.72	-1.21	47.87	13.538	-1.193	0.1965
274	SLU 69	-0.77	-1.29	48.66	13.7657	-1.2123	0.2106
274	SLU 70	-0.75	-1.25	48.66	13.7629	-1.2125	0.2048



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
274	SLU 71	-0.77	-1.29	48.38	13.6871	-1.2055	0.2087
274	SLU 72	-0.74	-1.25	48.39	13.6844	-1.2057	0.2029
274	SLU 73	-0.74	-1.26	51.34	14.5172	-1.2796	0.2019
274	SLU 74	-0.79	-1.33	52.13	14.7449	-1.299	0.216
274	SLU 75	-0.77	-1.29	52.13	14.7421	-1.2991	0.2102
274	SLU 76	-0.75	-1.27	51.86	14.6617	-1.2924	0.2044
274	SLU 77	-0.8	-1.35	52.64	14.8894	-1.3118	0.2185
274	SLU 78	-0.78	-1.31	52.65	14.8866	-1.3119	0.2127
274	SLU 79	-0.79	-1.35	52.37	14.8108	-1.305	0.2165
274	SLU 80	-0.77	-1.31	52.37	14.808	-1.3051	0.2107
274	SLU 81	-0.79	-1.34	53.05	15.0034	-1.322	0.215
274	SLU 82	-0.77	-1.3	53.05	15.0007	-1.3222	0.2092
274	SLU 83	-0.8	-1.36	53.56	15.1479	-1.3348	0.2174
274	SLU 84	-0.78	-1.32	53.57	15.1452	-1.335	0.2116
274	SLE RA 1	-0.56	-0.97	35.63	10.0812	-0.888	0.1521
274	SLE RA 2	-0.54	-0.92	35.64	10.0781	-0.8882	0.1457
274	SLE RA 3	-0.57	-0.98	36.16	10.2299	-0.9011	0.1551
274	SLE RA 4	-0.56	-0.95	36.16	10.228	-0.9012	0.1512
274	SLE RA 5	-0.54	-0.93	35.98	10.1744	-0.8967	0.1473
274	SLE RA 6	-0.58	-0.98	36.5	10.3262	-0.9096	0.1567
274	SLE RA 7	-0.56	-0.96	36.51	10.3243	-0.9097	0.1528
274	SLE RA 8	-0.57	-0.98	36.32	10.2738	-0.905	0.1554
274	SLE RA 9	-0.56	-0.96	36.32	10.272	-0.9052	0.1515
274	SLE RA 10	-0.56	-0.96	38.3	10.8272	-0.9545	0.1509
274	SLE RA 11	-0.59	-1.01	38.82	10.979	-0.9674	0.1603
274	SLE RA 12	-0.57	-0.99	38.82	10.9772	-0.9675	0.1564
274	SLE RA 13	-0.56	-0.97	38.64	10.9236	-0.963	0.1526
274	SLE RA 14	-0.6	-1.02	39.16	11.0753	-0.9759	0.1619
274	SLE RA 15	-0.58	-1	39.16	11.0735	-0.976	0.1581
274	SLE RA 16	-0.59	-1.02	38.98	11.023	-0.9714	0.1607
274	SLE RA 17	-0.58	-1	38.98	11.0211	-0.9715	0.1568
274	SLE RA 18	-0.59	-1.02	39.43	11.1514	-0.9827	0.1596
274	SLE RA 19	-0.57	-0.99	39.43	11.1495	-0.9828	0.1558
274	SLE RA 20	-0.59	-1.03	39.77	11.2477	-0.9912	0.1613
274	SLE RA 21	-0.58	-1	39.78	11.2458	-0.9914	0.1574
274	SLE FR 1	-0.56	-0.97	35.63	10.0812	-0.888	0.1521
274	SLE FR 2	-0.56	-0.96	35.64	10.0806	-0.888	0.1508
274	SLE FR 3	-0.56	-0.97	35.77	10.1197	-0.8914	0.1528
274	SLE FR 4	-0.56	-0.97	36.77	10.4016	-0.9164	0.1531
274	SLE FR 5	-0.57	-0.99	36.91	10.4408	-0.9198	0.155
274	SLE FR 6	-0.57	-0.99	37.53	10.6163	-0.9353	0.1559
274	SLE QP 1	-0.56	-0.97	35.63	10.0812	-0.888	0.1521
274	SLE QP 2	-0.57	-0.98	36.77	10.4022	-0.9164	0.1544
274	SLD 1	2.75	-0.92	38.55	10.814	-0.9524	-0.8631
274	SLD 2	3.08	-1.09	38.39	10.7716	-0.9488	-0.9675
274	SLD 3	2.81	-1.85	38.02	10.7344	-0.9401	-0.9005
274	SLD 4	3.13	-2.02	37.86	10.6921	-0.9365	-1.0048
274	SLD 5	0.29	0.48	38.14	10.654	-0.9466	-0.0755
274	SLD 6	0.51	0.37	38.03	10.6261	-0.9442	-0.1442
274	SLD 7	0.46	-2.63	36.37	10.3889	-0.9054	-0.2001
274	SLD 8	0.68	-2.74	36.27	10.361	-0.9031	-0.2688
274	SLD 9	-1.82	0.78	37.28	10.4435	-0.9297	0.5775
274	SLD 10	-1.6	0.67	37.18	10.4156	-0.9274	0.5088
274	SLD 11	-1.64	-2.33	35.51	10.1784	-0.8886	0.4529
274	SLD 12	-1.43	-2.44	35.41	10.1505	-0.8862	0.3842
274	SLD 13	-4.27	0.06	35.69	10.1124	-0.8963	1.3136
274	SLD 14	-3.94	-0.11	35.53	10.07	-0.8927	1.2093
274	SLD 15	-4.22	-0.88	35.16	10.0329	-0.884	1.2762
274	SLD 16	-3.89	-1.04	35	9.9905	-0.8804	1.1719
274	SLV 1	7.21	-0.88	40.9	11.3632	-1.0002	-2.2275
274	SLV 2	7.97	-1.26	40.54	11.2646	-0.9919	-2.4705
274	SLV 3	7.33	-2.99	39.7	11.1815	-0.9722	-2.3129
274	SLV 4	8.09	-3.38	39.33	11.0829	-0.9639	-2.5558
274	SLV 5	1.45	2.32	39.9	10.9832	-0.9855	-0.3886
274	SLV 6	1.94	2.07	39.66	10.9194	-0.9801	-0.5459
274	SLV 7	1.85	-4.72	35.89	10.3776	-0.8921	-0.673
274	SLV 8	2.35	-4.98	35.65	10.3138	-0.8867	-0.8302
274	SLV 9	-3.48	3.01	37.89	10.4907	-0.9461	1.139
274	SLV 10	-2.99	2.76	37.66	10.4269	-0.9407	0.9818
274	SLV 11	-3.08	-4.04	33.88	9.8851	-0.8527	0.8546
274	SLV 12	-2.58	-4.29	33.65	9.8213	-0.8473	0.6974
274	SLV 13	-9.23	1.42	34.21	9.7216	-0.8689	2.8646
274	SLV 14	-8.46	1.03	33.85	9.623	-0.8606	2.6216
274	SLV 15	-9.11	-0.7	33.01	9.5399	-0.8409	2.7793
274	SLV 16	-8.34	-1.09	32.64	9.4413	-0.8326	2.5363
274	CRTFP Ux+	0	0	0	0	0	0
274	CRTFP Ux-	0	0	0	0	0	0
274	CRTFP Uy+	0	0	0	0	0	0
274	CRTFP Uy-	0	0	0	0	0	0
275	SLU 1	-0.63	-1.02	39.76	11.2356	0.0305	0.2027
275	SLU 2	-0.59	-0.95	39.78	11.2343	0.0302	0.1895
275	SLU 3	-0.65	-1.03	40.67	11.491	0.0312	0.2083
275	SLU 4	-0.63	-0.99	40.68	11.4902	0.031	0.2004
275	SLU 5	-0.6	-0.97	40.37	11.3998	0.0306	0.1928
275	SLU 6	-0.66	-1.05	41.26	11.6565	0.0317	0.2117
275	SLU 7	-0.64	-1.01	41.27	11.6557	0.0315	0.2037
275	SLU 8	-0.65	-1.05	40.94	11.5667	0.0314	0.2094
275	SLU 9	-0.63	-1.01	40.95	11.5658	0.0312	0.2015
275	SLU 10	-0.63	-1.01	44.37	12.528	0.0332	0.2007



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
275	SLU 11	-0.68	-1.09	45.26	12.7848	0.0342	0.2195
275	SLU 12	-0.66	-1.05	45.27	12.784	0.034	0.2116
275	SLU 13	-0.64	-1.02	44.96	12.6936	0.0336	0.204
275	SLU 14	-0.7	-1.1	45.85	12.9503	0.0347	0.2229
275	SLU 15	-0.67	-1.06	45.86	12.9495	0.0345	0.2149
275	SLU 16	-0.69	-1.11	45.54	12.8605	0.0344	0.2206
275	SLU 17	-0.66	-1.06	45.55	12.8596	0.0342	0.2126
275	SLU 18	-0.68	-1.1	46.32	13.0839	0.0348	0.2187
275	SLU 19	-0.66	-1.06	46.33	13.0831	0.0346	0.2108
275	SLU 20	-0.69	-1.11	46.91	13.2494	0.0353	0.222
275	SLU 21	-0.67	-1.07	46.92	13.2486	0.0351	0.2141
275	SLU 22	-0.71	-1.03	43.88	12.4046	0.0342	0.228
275	SLU 23	-0.67	-0.96	43.89	12.4032	0.0339	0.2148
275	SLU 24	-0.73	-1.05	44.78	12.6599	0.0349	0.2336
275	SLU 25	-0.7	-1	44.79	12.6591	0.0347	0.2257
275	SLU 26	-0.68	-0.98	44.48	12.5687	0.0343	0.2181
275	SLU 27	-0.74	-1.06	45.37	12.8255	0.0354	0.237
275	SLU 28	-0.72	-1.02	45.38	12.8246	0.0352	0.2291
275	SLU 29	-0.73	-1.06	45.06	12.7356	0.0351	0.2347
275	SLU 30	-0.71	-1.02	45.07	12.7348	0.0349	0.2268
275	SLU 31	-0.7	-1.02	48.49	13.697	0.0369	0.226
275	SLU 32	-0.76	-1.1	49.37	13.9537	0.0379	0.2448
275	SLU 33	-0.74	-1.06	49.38	13.9529	0.0377	0.2369
275	SLU 34	-0.71	-1.03	49.08	13.8625	0.0373	0.2293
275	SLU 35	-0.77	-1.12	49.96	14.1192	0.0384	0.2482
275	SLU 36	-0.75	-1.07	49.97	14.1184	0.0382	0.2402
275	SLU 37	-0.77	-1.12	49.65	14.0294	0.0381	0.2459
275	SLU 38	-0.74	-1.08	49.66	14.0286	0.0379	0.238
275	SLU 39	-0.76	-1.11	50.44	14.2528	0.0385	0.244
275	SLU 40	-0.74	-1.07	50.45	14.252	0.0383	0.2361
275	SLU 41	-0.77	-1.12	51.03	14.4183	0.039	0.2473
275	SLU 42	-0.75	-1.08	51.04	14.4175	0.0388	0.2394
275	SLU 43	-0.8	-1.32	50.28	14.2055	0.0384	0.2548
275	SLU 44	-0.75	-1.25	50.3	14.2042	0.038	0.2416
275	SLU 45	-0.81	-1.34	51.18	14.4609	0.0391	0.2605
275	SLU 46	-0.79	-1.29	51.19	14.4601	0.0389	0.2525
275	SLU 47	-0.77	-1.27	50.89	14.3697	0.0385	0.245
275	SLU 48	-0.82	-1.35	51.78	14.6264	0.0396	0.2638
275	SLU 49	-0.8	-1.31	51.79	14.6256	0.0394	0.2559
275	SLU 50	-0.82	-1.35	51.46	14.5366	0.0393	0.2615
275	SLU 51	-0.79	-1.31	51.47	14.5358	0.0391	0.2536
275	SLU 52	-0.79	-1.31	54.89	15.4979	0.0411	0.2528
275	SLU 53	-0.85	-1.39	55.78	15.7547	0.0421	0.2717
275	SLU 54	-0.82	-1.35	55.79	15.7539	0.0419	0.2637
275	SLU 55	-0.8	-1.32	55.48	15.6635	0.0415	0.2562
275	SLU 56	-0.86	-1.41	56.37	15.9202	0.0426	0.275
275	SLU 57	-0.83	-1.36	56.38	15.9194	0.0424	0.2671
275	SLU 58	-0.85	-1.41	56.05	15.8304	0.0423	0.2727
275	SLU 59	-0.83	-1.37	56.06	15.8295	0.0421	0.2648
275	SLU 60	-0.84	-1.4	56.84	16.0538	0.0427	0.2708
275	SLU 61	-0.82	-1.36	56.85	16.053	0.0425	0.2629
275	SLU 62	-0.86	-1.42	57.43	16.2193	0.0431	0.2742
275	SLU 63	-0.83	-1.37	57.44	16.2185	0.0429	0.2662
275	SLU 64	-0.88	-1.33	54.39	15.3745	0.0421	0.2802
275	SLU 65	-0.83	-1.26	54.41	15.3731	0.0418	0.267
275	SLU 66	-0.89	-1.35	55.3	15.6298	0.0428	0.2858
275	SLU 67	-0.87	-1.31	55.31	15.629	0.0426	0.2779
275	SLU 68	-0.84	-1.28	55	15.5386	0.0422	0.2703
275	SLU 69	-0.9	-1.36	55.89	15.7954	0.0433	0.2891
275	SLU 70	-0.88	-1.32	55.9	15.7945	0.0431	0.2812
275	SLU 71	-0.9	-1.36	55.57	15.7055	0.043	0.2868
275	SLU 72	-0.87	-1.32	55.59	15.7047	0.0428	0.2789
275	SLU 73	-0.87	-1.32	59	16.6669	0.0448	0.2781
275	SLU 74	-0.93	-1.4	59.89	16.9236	0.0458	0.297
275	SLU 75	-0.9	-1.36	59.9	16.9228	0.0456	0.289
275	SLU 76	-0.88	-1.33	59.59	16.8324	0.0452	0.2815
275	SLU 77	-0.94	-1.42	60.48	17.0892	0.0463	0.3003
275	SLU 78	-0.91	-1.38	60.49	17.0883	0.0461	0.2924
275	SLU 79	-0.93	-1.42	60.17	16.9993	0.046	0.298
275	SLU 80	-0.9	-1.38	60.18	16.9985	0.0458	0.2901
275	SLU 81	-0.92	-1.41	60.95	17.2227	0.0464	0.2961
275	SLU 82	-0.9	-1.37	60.96	17.2219	0.0462	0.2882
275	SLU 83	-0.93	-1.43	61.54	17.3883	0.0468	0.2995
275	SLU 84	-0.91	-1.39	61.56	17.3874	0.0466	0.2915
275	SLE RA 1	-0.66	-1.02	40.94	11.5696	0.0316	0.2099
275	SLE RA 2	-0.63	-0.98	40.95	11.5687	0.0313	0.2011
275	SLE RA 3	-0.67	-1.03	41.54	11.7399	0.032	0.2137
275	SLE RA 4	-0.65	-1	41.55	11.7393	0.0319	0.2084
275	SLE RA 5	-0.64	-0.99	41.34	11.679	0.0316	0.2034
275	SLE RA 6	-0.67	-1.04	41.93	11.8502	0.0323	0.2159
275	SLE RA 7	-0.66	-1.02	41.94	11.8497	0.0322	0.2106
275	SLE RA 8	-0.67	-1.04	41.72	11.7903	0.0322	0.2144
275	SLE RA 9	-0.65	-1.02	41.73	11.7898	0.032	0.2091
275	SLE RA 10	-0.65	-1.01	44.01	12.4312	0.0333	0.2086
275	SLE RA 11	-0.69	-1.07	44.6	12.6024	0.034	0.2212
275	SLE RA 12	-0.67	-1.04	44.61	12.6018	0.0339	0.2159
275	SLE RA 13	-0.66	-1.02	44.4	12.5416	0.0337	0.2108
275	SLE RA 14	-0.7	-1.08	45	12.7127	0.0344	0.2234
275	SLE RA 15	-0.68	-1.05	45	12.7122	0.0342	0.2181



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
275	SLE RA 16	-0.69	-1.08	44.79	12.6528	0.0342	0.2218
275	SLE RA 17	-0.68	-1.05	44.79	12.6523	0.034	0.2166
275	SLE RA 18	-0.69	-1.08	45.31	12.8018	0.0344	0.2206
275	SLE RA 19	-0.67	-1.05	45.32	12.8012	0.0343	0.2153
275	SLE RA 20	-0.7	-1.09	45.7	12.9121	0.0347	0.2228
275	SLE RA 21	-0.68	-1.06	45.71	12.9116	0.0346	0.2175
275	SLE FR 1	-0.66	-1.02	40.94	11.5696	0.0316	0.2099
275	SLE FR 2	-0.65	-1.01	40.94	11.5694	0.0315	0.2082
275	SLE FR 3	-0.66	-1.03	41.09	11.6137	0.0317	0.2108
275	SLE FR 4	-0.66	-1.03	42.25	11.9391	0.0324	0.2114
275	SLE FR 5	-0.67	-1.04	42.41	11.9834	0.0325	0.214
275	SLE FR 6	-0.67	-1.05	43.12	12.1857	0.033	0.2153
275	SLE QP 1	-0.66	-1.02	40.94	11.5696	0.0316	0.2099
275	SLE QP 2	-0.67	-1.04	42.25	11.9393	0.0324	0.2131
275	SLD 1	3.25	-0.9	43.89	12.295	0.0451	-0.9865
275	SLD 2	3.64	-1.09	43.73	12.252	0.0445	-1.1042
275	SLD 3	3.32	-2.02	43.29	12.2083	0.0445	-1.006
275	SLD 4	3.7	-2.2	43.13	12.1653	0.0438	-1.1237
275	SLD 5	0.35	0.72	43.68	12.1852	0.0373	-0.0961
275	SLD 6	0.6	0.6	43.57	12.1569	0.0369	-0.1736
275	SLD 7	0.55	-2.99	41.68	11.8961	0.0352	-0.161
275	SLD 8	0.81	-3.11	41.57	11.8678	0.0348	-0.2385
275	SLD 9	-2.14	1.03	42.93	12.0107	0.0301	0.6648
275	SLD 10	-1.88	0.91	42.82	11.9824	0.0297	0.5873
275	SLD 11	-1.93	-2.68	40.92	11.7216	0.028	0.5999
275	SLD 12	-1.68	-2.8	40.82	11.6933	0.0275	0.5224
275	SLD 13	-5.03	0.12	41.37	11.7132	0.021	1.5499
275	SLD 14	-4.65	-0.06	41.21	11.6702	0.0204	1.4323
275	SLD 15	-4.97	-0.99	40.77	11.6265	0.0204	1.5305
275	SLD 16	-4.59	-1.17	40.61	11.5835	0.0197	1.4128
275	SLV 1	8.51	-0.77	46.07	12.769	0.0621	-2.594
275	SLV 2	9.41	-1.19	45.69	12.669	0.0606	-2.868
275	SLV 3	8.65	-3.29	44.71	12.5708	0.0606	-2.6393
275	SLV 4	9.55	-3.71	44.33	12.4708	0.0591	-2.9134
275	SLV 5	1.71	2.94	45.53	12.5061	0.0438	-0.5126
275	SLV 6	2.29	2.66	45.28	12.4414	0.0429	-0.6899
275	SLV 7	2.19	-5.46	40.99	11.8455	0.0389	-0.6639
275	SLV 8	2.77	-5.74	40.74	11.7808	0.0379	-0.8412
275	SLV 9	-4.11	3.66	43.76	12.0977	0.0269	1.2675
275	SLV 10	-3.52	3.38	43.51	12.033	0.026	1.0902
275	SLV 11	-3.63	-4.74	39.22	11.4371	0.022	1.1162
275	SLV 12	-3.04	-5.02	38.97	11.3724	0.021	0.9389
275	SLV 13	-10.88	1.63	40.17	11.4077	0.0057	3.3397
275	SLV 14	-9.98	1.21	39.79	11.3077	0.0043	3.0656
275	SLV 15	-10.74	-0.89	38.81	11.2095	0.0042	3.2943
275	SLV 16	-9.84	-1.31	38.43	11.1095	0.0028	3.0202
275	CRTFP Ux+	0	0	0	0	0	0
275	CRTFP Ux-	0	0	0	0	0	0
275	CRTFP Uy+	0	0	0	0	0	0
275	CRTFP Uy-	0	0	0	0	0	0
276	SLU 1	-0.63	-0.88	38.94	10.9537	0.0171	0.2009
276	SLU 2	-0.59	-0.82	38.97	10.9565	0.0168	0.1879
276	SLU 3	-0.64	-0.89	39.83	11.2027	0.0175	0.2064
276	SLU 4	-0.62	-0.86	39.84	11.2043	0.0173	0.1986
276	SLU 5	-0.6	-0.84	39.55	11.1179	0.017	0.1911
276	SLU 6	-0.65	-0.91	40.41	11.3641	0.0177	0.2097
276	SLU 7	-0.63	-0.87	40.42	11.3658	0.0175	0.2019
276	SLU 8	-0.65	-0.91	40.1	11.2766	0.0176	0.2074
276	SLU 9	-0.62	-0.87	40.12	11.2782	0.0174	0.1996
276	SLU 10	-0.62	-0.86	43.49	12.2255	0.0179	0.1989
276	SLU 11	-0.68	-0.94	44.35	12.4717	0.0186	0.2175
276	SLU 12	-0.65	-0.9	44.37	12.4734	0.0184	0.2097
276	SLU 13	-0.63	-0.88	44.07	12.3869	0.0181	0.2022
276	SLU 14	-0.69	-0.95	44.93	12.6331	0.0188	0.2208
276	SLU 15	-0.66	-0.91	44.95	12.6348	0.0186	0.213
276	SLU 16	-0.68	-0.95	44.62	12.5456	0.0187	0.2185
276	SLU 17	-0.66	-0.91	44.64	12.5472	0.0185	0.2107
276	SLU 18	-0.67	-0.94	45.4	12.7666	0.0187	0.2167
276	SLU 19	-0.65	-0.91	45.42	12.7683	0.0185	0.2089
276	SLU 20	-0.68	-0.96	45.98	12.9281	0.019	0.22
276	SLU 21	-0.66	-0.92	46	12.9297	0.0188	0.2122
276	SLU 22	-0.7	-0.88	42.95	12.0881	0.0192	0.2258
276	SLU 23	-0.66	-0.82	42.98	12.0908	0.0189	0.2128
276	SLU 24	-0.72	-0.89	43.84	12.337	0.0196	0.2314
276	SLU 25	-0.7	-0.85	43.86	12.3387	0.0194	0.2235
276	SLU 26	-0.67	-0.83	43.56	12.2522	0.0191	0.2161
276	SLU 27	-0.73	-0.9	44.42	12.4985	0.0198	0.2346
276	SLU 28	-0.71	-0.86	44.44	12.5001	0.0196	0.2268
276	SLU 29	-0.73	-0.9	44.11	12.4109	0.0197	0.2324
276	SLU 30	-0.7	-0.87	44.13	12.4125	0.0195	0.2246
276	SLU 31	-0.7	-0.86	47.5	13.3598	0.02	0.2239
276	SLU 32	-0.76	-0.93	48.36	13.6061	0.0207	0.2424
276	SLU 33	-0.73	-0.89	48.38	13.6077	0.0205	0.2346
276	SLU 34	-0.71	-0.87	48.08	13.5212	0.0202	0.2272
276	SLU 35	-0.77	-0.94	48.94	13.7675	0.0209	0.2457
276	SLU 36	-0.74	-0.9	48.96	13.7691	0.0207	0.2379
276	SLU 37	-0.76	-0.95	48.63	13.6799	0.0208	0.2435
276	SLU 38	-0.73	-0.91	48.65	13.6816	0.0206	0.2357
276	SLU 39	-0.75	-0.94	49.41	13.901	0.0208	0.2417



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
276	SLU 40	-0.73	-0.9	49.43	13.9026	0.0206	0.2338
276	SLU 41	-0.76	-0.95	49.99	14.0624	0.021	0.2449
276	SLU 42	-0.74	-0.91	50.01	14.064	0.0208	0.2371
276	SLU 43	-0.79	-1.15	49.25	13.851	0.0216	0.2526
276	SLU 44	-0.75	-1.09	49.28	13.8537	0.0212	0.2396
276	SLU 45	-0.81	-1.16	50.13	14.0999	0.0219	0.2581
276	SLU 46	-0.78	-1.12	50.15	14.1016	0.0217	0.2503
276	SLU 47	-0.76	-1.1	49.85	14.0151	0.0215	0.2428
276	SLU 48	-0.82	-1.18	50.71	14.2613	0.0221	0.2614
276	SLU 49	-0.79	-1.14	50.73	14.263	0.0219	0.2536
276	SLU 50	-0.81	-1.18	50.4	14.1738	0.022	0.2591
276	SLU 51	-0.78	-1.14	50.42	14.1754	0.0218	0.2513
276	SLU 52	-0.78	-1.13	53.8	15.1227	0.0224	0.2506
276	SLU 53	-0.84	-1.2	54.66	15.3689	0.023	0.2692
276	SLU 54	-0.81	-1.17	54.67	15.3706	0.0228	0.2614
276	SLU 55	-0.79	-1.14	54.38	15.2841	0.0226	0.2539
276	SLU 56	-0.85	-1.22	55.23	15.5304	0.0232	0.2725
276	SLU 57	-0.82	-1.18	55.25	15.532	0.023	0.2647
276	SLU 58	-0.84	-1.22	54.93	15.4428	0.0231	0.2702
276	SLU 59	-0.82	-1.18	54.94	15.4444	0.0229	0.2624
276	SLU 60	-0.84	-1.21	55.71	15.6639	0.0232	0.2684
276	SLU 61	-0.81	-1.17	55.72	15.6655	0.023	0.2606
276	SLU 62	-0.85	-1.22	56.29	15.8253	0.0234	0.2717
276	SLU 63	-0.82	-1.19	56.3	15.8269	0.0232	0.2639
276	SLU 64	-0.87	-1.15	53.26	14.9853	0.0236	0.2775
276	SLU 65	-0.82	-1.08	53.29	14.988	0.0233	0.2645
276	SLU 66	-0.88	-1.16	54.15	15.2343	0.024	0.2831
276	SLU 67	-0.86	-1.12	54.16	15.2359	0.0238	0.2752
276	SLU 68	-0.84	-1.1	53.87	15.1494	0.0235	0.2678
276	SLU 69	-0.89	-1.17	54.73	15.3957	0.0242	0.2863
276	SLU 70	-0.87	-1.13	54.74	15.3973	0.024	0.2785
276	SLU 71	-0.89	-1.17	54.42	15.3081	0.0241	0.2841
276	SLU 72	-0.86	-1.13	54.43	15.3097	0.0239	0.2763
276	SLU 73	-0.86	-1.12	57.81	16.257	0.0244	0.2756
276	SLU 74	-0.92	-1.2	58.67	16.5033	0.0251	0.2941
276	SLU 75	-0.89	-1.16	58.69	16.5049	0.0249	0.2863
276	SLU 76	-0.87	-1.14	58.39	16.4184	0.0247	0.2789
276	SLU 77	-0.93	-1.21	59.25	16.6647	0.0253	0.2974
276	SLU 78	-0.9	-1.17	59.27	16.6663	0.0251	0.2896
276	SLU 79	-0.92	-1.21	58.94	16.5771	0.0252	0.2952
276	SLU 80	-0.9	-1.18	58.96	16.5788	0.025	0.2874
276	SLU 81	-0.91	-1.2	59.72	16.7982	0.0252	0.2934
276	SLU 82	-0.89	-1.17	59.74	16.7998	0.0251	0.2855
276	SLU 83	-0.92	-1.22	60.3	16.9596	0.0255	0.2966
276	SLU 84	-0.9	-1.18	60.32	16.9612	0.0253	0.2888
276	SLE RA 1	-0.65	-0.88	40.09	11.2778	0.0177	0.208
276	SLE RA 2	-0.62	-0.84	40.11	11.2797	0.0175	0.1993
276	SLE RA 3	-0.66	-0.89	40.68	11.4438	0.018	0.2117
276	SLE RA 4	-0.64	-0.86	40.69	11.4449	0.0178	0.2065
276	SLE RA 5	-0.63	-0.85	40.49	11.3873	0.0177	0.2015
276	SLE RA 6	-0.67	-0.9	41.06	11.5514	0.0181	0.2139
276	SLE RA 7	-0.65	-0.87	41.08	11.5525	0.018	0.2087
276	SLE RA 8	-0.66	-0.9	40.86	11.4931	0.018	0.2124
276	SLE RA 9	-0.65	-0.88	40.87	11.4941	0.0179	0.2072
276	SLE RA 10	-0.64	-0.87	43.12	12.1257	0.0183	0.2067
276	SLE RA 11	-0.68	-0.92	43.69	12.2898	0.0187	0.2191
276	SLE RA 12	-0.67	-0.89	43.7	12.2909	0.0186	0.2139
276	SLE RA 13	-0.65	-0.88	43.51	12.2333	0.0184	0.2089
276	SLE RA 14	-0.69	-0.93	44.08	12.3974	0.0189	0.2213
276	SLE RA 15	-0.67	-0.9	44.09	12.3985	0.0187	0.2161
276	SLE RA 16	-0.69	-0.93	43.87	12.3391	0.0188	0.2198
276	SLE RA 17	-0.67	-0.9	43.89	12.3402	0.0186	0.2146
276	SLE RA 18	-0.68	-0.92	44.39	12.4864	0.0188	0.2186
276	SLE RA 19	-0.66	-0.9	44.41	12.4875	0.0187	0.2133
276	SLE RA 20	-0.69	-0.93	44.78	12.594	0.0189	0.2207
276	SLE RA 21	-0.67	-0.91	44.79	12.5951	0.0188	0.2155
276	SLE FR 1	-0.65	-0.88	40.09	11.2778	0.0177	0.208
276	SLE FR 2	-0.64	-0.87	40.09	11.2782	0.0177	0.2063
276	SLE FR 3	-0.65	-0.89	40.24	11.3209	0.0178	0.2089
276	SLE FR 4	-0.65	-0.89	41.38	11.6408	0.018	0.2094
276	SLE FR 5	-0.66	-0.9	41.53	11.6835	0.0181	0.212
276	SLE FR 6	-0.67	-0.9	42.24	11.8821	0.0183	0.2133
276	SLE QP 1	-0.65	-0.88	40.09	11.2778	0.0177	0.208
276	SLE QP 2	-0.66	-0.89	41.38	11.6404	0.0181	0.2112
276	SLD 1	3.26	-0.68	42.59	11.8714	0.0291	-0.9854
276	SLD 2	3.65	-0.84	42.44	11.8354	0.0285	-1.1027
276	SLD 3	3.32	-1.8	42	11.7872	0.0295	-1.005
276	SLD 4	3.71	-1.97	41.85	11.7512	0.029	-1.1223
276	SLD 5	0.35	0.9	42.66	11.8439	0.0208	-0.0971
276	SLD 6	0.61	0.8	42.57	11.8201	0.0205	-0.1743
276	SLD 7	0.56	-2.84	40.69	11.5632	0.0222	-0.1624
276	SLD 8	0.81	-2.95	40.6	11.5395	0.0219	-0.2396
276	SLD 9	-2.13	1.16	42.16	11.7413	0.0142	0.6619
276	SLD 10	-1.88	1.05	42.07	11.7176	0.0139	0.5847
276	SLD 11	-1.93	-2.59	40.19	11.4607	0.0156	0.5967
276	SLD 12	-1.67	-2.69	40.09	11.437	0.0153	0.5194
276	SLD 13	-5.02	0.18	40.9	11.5296	0.0071	1.5446
276	SLD 14	-4.64	0.01	40.76	11.4936	0.0066	1.4274
276	SLD 15	-4.96	-0.95	40.31	11.4455	0.0076	1.525



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
276	SLD 16	-4.58	-1.11	40.17	11.4094	0.007	1.4078
276	SLV 1	8.51	-0.43	44.18	12.1782	0.0439	-2.5889
276	SLV 2	9.41	-0.82	43.85	12.0943	0.0426	-2.8619
276	SLV 3	8.65	-2.98	42.84	11.9861	0.0449	-2.6344
276	SLV 4	9.55	-3.36	42.51	11.9022	0.0436	-2.9075
276	SLV 5	1.72	3.17	44.31	12.1077	0.0244	-0.5124
276	SLV 6	2.3	2.93	44.1	12.0534	0.0236	-0.689
276	SLV 7	2.2	-5.32	39.84	11.4673	0.028	-0.6642
276	SLV 8	2.78	-5.56	39.63	11.413	0.0271	-0.8409
276	SLV 9	-4.1	3.78	43.13	11.8678	0.009	1.2632
276	SLV 10	-3.52	3.53	42.92	11.8135	0.0082	1.0866
276	SLV 11	-3.62	-4.72	38.66	11.2274	0.0125	1.1114
276	SLV 12	-3.03	-4.96	38.44	11.1732	0.0117	0.9347
276	SLV 13	-10.87	1.57	40.25	11.3786	-0.0075	3.3298
276	SLV 14	-9.97	1.19	39.92	11.2947	-0.0088	3.0568
276	SLV 15	-10.73	-0.97	38.9	11.1865	-0.0065	3.2842
276	SLV 16	-9.83	-1.36	38.57	11.1026	-0.0078	3.0112
276	CRTFP Ux+	0	0	0	0	0	0
276	CRTFP Ux-	0	0	0	0	0	0
276	CRTFP Uy+	0	0	0	0	0	0
276	CRTFP Uy-	0	0	0	0	0	0
277	SLU 1	-0.62	-0.75	38.65	10.8516	-0.0005	0.198
277	SLU 2	-0.58	-0.69	38.69	10.8584	-0.0008	0.1851
277	SLU 3	-0.63	-0.75	39.53	11.0991	-0.0006	0.2034
277	SLU 4	-0.61	-0.72	39.55	11.1031	-0.0008	0.1957
277	SLU 5	-0.59	-0.7	39.26	11.0188	-0.0009	0.1884
277	SLU 6	-0.64	-0.76	40.11	11.2596	-0.0007	0.2066
277	SLU 7	-0.62	-0.73	40.13	11.2636	-0.0009	0.1989
277	SLU 8	-0.64	-0.77	39.8	11.1726	-0.0007	0.2044
277	SLU 9	-0.61	-0.73	39.82	11.1766	-0.0009	0.1967
277	SLU 10	-0.61	-0.72	43.21	12.1277	-0.0021	0.196
277	SLU 11	-0.67	-0.78	44.06	12.3684	-0.0019	0.2142
277	SLU 12	-0.64	-0.74	44.08	12.3724	-0.0021	0.2065
277	SLU 13	-0.62	-0.73	43.79	12.2881	-0.0022	0.1992
277	SLU 14	-0.68	-0.79	44.63	12.5289	-0.002	0.2174
277	SLU 15	-0.65	-0.76	44.66	12.5329	-0.0022	0.2097
277	SLU 16	-0.67	-0.8	44.33	12.4418	-0.002	0.2152
277	SLU 17	-0.65	-0.76	44.35	12.4459	-0.0022	0.2075
277	SLU 18	-0.66	-0.78	45.11	12.6649	-0.0023	0.2134
277	SLU 19	-0.64	-0.75	45.14	12.6689	-0.0025	0.2058
277	SLU 20	-0.67	-0.8	45.69	12.8254	-0.0024	0.2167
277	SLU 21	-0.65	-0.76	45.71	12.8294	-0.0026	0.209
277	SLU 22	-0.69	-0.72	42.62	11.973	-0.0005	0.2225
277	SLU 23	-0.65	-0.66	42.66	11.9797	-0.0009	0.2097
277	SLU 24	-0.71	-0.73	43.51	12.2205	-0.0007	0.2279
277	SLU 25	-0.69	-0.69	43.53	12.2245	-0.0009	0.2202
277	SLU 26	-0.66	-0.68	43.24	12.1402	-0.0009	0.2129
277	SLU 27	-0.72	-0.74	44.08	12.381	-0.0007	0.2311
277	SLU 28	-0.7	-0.71	44.11	12.385	-0.0009	0.2234
277	SLU 29	-0.71	-0.74	43.78	12.2939	-0.0007	0.2289
277	SLU 30	-0.69	-0.71	43.8	12.298	-0.0009	0.2212
277	SLU 31	-0.69	-0.69	47.19	13.249	-0.0022	0.2205
277	SLU 32	-0.74	-0.75	48.03	13.4898	-0.002	0.2387
277	SLU 33	-0.72	-0.72	48.06	13.4938	-0.0022	0.231
277	SLU 34	-0.7	-0.7	47.77	13.4095	-0.0022	0.2237
277	SLU 35	-0.75	-0.77	48.61	13.6503	-0.002	0.242
277	SLU 36	-0.73	-0.73	48.63	13.6543	-0.0022	0.2343
277	SLU 37	-0.75	-0.77	48.3	13.5632	-0.002	0.2397
277	SLU 38	-0.72	-0.74	48.33	13.5673	-0.0022	0.2321
277	SLU 39	-0.74	-0.76	49.09	13.7863	-0.0024	0.238
277	SLU 40	-0.72	-0.73	49.11	13.7903	-0.0026	0.2303
277	SLU 41	-0.75	-0.77	49.67	13.9468	-0.0025	0.2412
277	SLU 42	-0.73	-0.74	49.69	13.9508	-0.0027	0.2335
277	SLU 43	-0.78	-0.98	48.88	13.7226	-0.0006	0.2489
277	SLU 44	-0.74	-0.92	48.92	13.7294	-0.001	0.2361
277	SLU 45	-0.79	-0.99	49.76	13.9701	-0.0008	0.2544
277	SLU 46	-0.77	-0.95	49.78	13.9742	-0.001	0.2467
277	SLU 47	-0.75	-0.93	49.49	13.8898	-0.0011	0.2393
277	SLU 48	-0.8	-1	50.34	14.1306	-0.0009	0.2576
277	SLU 49	-0.78	-0.96	50.36	14.1346	-0.0011	0.2499
277	SLU 50	-0.8	-1	50.03	14.0436	-0.0008	0.2554
277	SLU 51	-0.77	-0.97	50.05	14.0476	-0.001	0.2477
277	SLU 52	-0.77	-0.95	53.44	14.9987	-0.0023	0.247
277	SLU 53	-0.83	-1.01	54.29	15.2394	-0.0021	0.2652
277	SLU 54	-0.8	-0.98	54.31	15.2435	-0.0023	0.2575
277	SLU 55	-0.78	-0.96	54.02	15.1591	-0.0024	0.2502
277	SLU 56	-0.84	-1.02	54.86	15.3999	-0.0022	0.2684
277	SLU 57	-0.81	-0.99	54.89	15.4039	-0.0024	0.2607
277	SLU 58	-0.83	-1.03	54.56	15.3129	-0.0021	0.2662
277	SLU 59	-0.81	-0.99	54.58	15.3169	-0.0023	0.2585
277	SLU 60	-0.82	-1.02	55.34	15.5359	-0.0025	0.2644
277	SLU 61	-0.8	-0.98	55.37	15.5399	-0.0027	0.2567
277	SLU 62	-0.83	-1.03	55.92	15.6964	-0.0026	0.2676
277	SLU 63	-0.81	-0.99	55.94	15.7004	-0.0028	0.2599
277	SLU 64	-0.85	-0.95	52.85	14.844	-0.0007	0.2735
277	SLU 65	-0.81	-0.9	52.89	14.8508	-0.001	0.2607
277	SLU 66	-0.87	-0.96	53.74	15.0915	-0.0008	0.2789
277	SLU 67	-0.85	-0.93	53.76	15.0955	-0.001	0.2712
277	SLU 68	-0.82	-0.91	53.47	15.0112	-0.0011	0.2639



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
277	SLU 69	-0.88	-0.97	54.31	15.252	-0.0009	0.2821
277	SLU 70	-0.86	-0.94	54.34	15.256	-0.0011	0.2744
277	SLU 71	-0.87	-0.98	54.01	15.1649	-0.0008	0.2799
277	SLU 72	-0.85	-0.94	54.03	15.169	-0.001	0.2722
277	SLU 73	-0.85	-0.92	57.42	16.12	-0.0023	0.2715
277	SLU 74	-0.9	-0.99	58.26	16.3608	-0.0021	0.2897
277	SLU 75	-0.88	-0.95	58.29	16.3648	-0.0023	0.282
277	SLU 76	-0.86	-0.94	58	16.2805	-0.0024	0.2747
277	SLU 77	-0.91	-1	58.84	16.5213	-0.0022	0.2929
277	SLU 78	-0.89	-0.96	58.86	16.5253	-0.0024	0.2852
277	SLU 79	-0.91	-1	58.53	16.4342	-0.0021	0.2907
277	SLU 80	-0.88	-0.97	58.56	16.4383	-0.0023	0.283
277	SLU 81	-0.9	-0.99	59.32	16.6573	-0.0025	0.2889
277	SLU 82	-0.88	-0.96	59.34	16.6613	-0.0027	0.2813
277	SLU 83	-0.91	-1	59.9	16.8178	-0.0026	0.2922
277	SLU 84	-0.89	-0.97	59.92	16.8218	-0.0028	0.2845
277	SLE RA 1	-0.64	-0.74	39.78	11.172	-0.0005	0.205
277	SLE RA 2	-0.61	-0.7	39.81	11.1765	-0.0007	0.1964
277	SLE RA 3	-0.65	-0.74	40.37	11.337	-0.0006	0.2086
277	SLE RA 4	-0.63	-0.72	40.39	11.3397	-0.0007	0.2035
277	SLE RA 5	-0.62	-0.71	40.19	11.2835	-0.0008	0.1986
277	SLE RA 6	-0.66	-0.75	40.76	11.444	-0.0006	0.2107
277	SLE RA 7	-0.64	-0.73	40.77	11.4467	-0.0008	0.2056
277	SLE RA 8	-0.65	-0.75	40.55	11.386	-0.0006	0.2093
277	SLE RA 9	-0.64	-0.73	40.57	11.3887	-0.0008	0.2041
277	SLE RA 10	-0.63	-0.72	42.83	12.0227	-0.0016	0.2037
277	SLE RA 11	-0.67	-0.76	43.39	12.1832	-0.0015	0.2158
277	SLE RA 12	-0.66	-0.74	43.4	12.1859	-0.0016	0.2107
277	SLE RA 13	-0.64	-0.73	43.21	12.1297	-0.0016	0.2058
277	SLE RA 14	-0.68	-0.77	43.77	12.2902	-0.0015	0.2179
277	SLE RA 15	-0.66	-0.75	43.79	12.2929	-0.0016	0.2128
277	SLE RA 16	-0.67	-0.77	43.57	12.2322	-0.0015	0.2165
277	SLE RA 17	-0.66	-0.75	43.59	12.2349	-0.0016	0.2114
277	SLE RA 18	-0.67	-0.76	44.09	12.3809	-0.0017	0.2153
277	SLE RA 19	-0.65	-0.74	44.11	12.3836	-0.0019	0.2102
277	SLE RA 20	-0.68	-0.77	44.48	12.4878	-0.0018	0.2174
277	SLE RA 21	-0.66	-0.75	44.49	12.4905	-0.0019	0.2123
277	SLE FR 1	-0.64	-0.74	39.78	11.172	-0.0005	0.205
277	SLE FR 2	-0.63	-0.73	39.79	11.1729	-0.0005	0.2033
277	SLE FR 3	-0.64	-0.74	39.94	11.2148	-0.0005	0.2058
277	SLE FR 4	-0.64	-0.74	41.08	11.5356	-0.0009	0.2064
277	SLE FR 5	-0.65	-0.75	41.23	11.5775	-0.0009	0.2089
277	SLE FR 6	-0.66	-0.75	41.94	11.7764	-0.0011	0.2101
277	SLE QP 1	-0.64	-0.74	39.78	11.172	-0.0005	0.205
277	SLE QP 2	-0.65	-0.75	41.08	11.5347	-0.0009	0.2081
277	SLD 1	3.26	-0.45	41.89	11.6596	0.0092	-0.9859
277	SLD 2	3.65	-0.59	41.77	11.6295	0.0087	-1.1027
277	SLD 3	3.33	-1.58	41.29	11.571	0.0099	-1.0055
277	SLD 4	3.71	-1.73	41.17	11.5409	0.0094	-1.1224
277	SLD 5	0.36	1.09	42.26	11.712	0.0011	-0.0993
277	SLD 6	0.61	1	42.18	11.6922	0.0007	-0.1763
277	SLD 7	0.57	-2.69	40.25	11.4165	0.0036	-0.1649
277	SLD 8	0.82	-2.79	40.17	11.3967	0.0033	-0.2418
277	SLD 9	-2.12	1.3	41.98	11.6726	-0.005	0.658
277	SLD 10	-1.87	1.2	41.9	11.6528	-0.0054	0.581
277	SLD 11	-1.91	-2.49	39.97	11.3772	-0.0025	0.5924
277	SLD 12	-1.66	-2.59	39.89	11.3573	-0.0028	0.5155
277	SLD 13	-5.01	0.23	40.98	11.5284	-0.0112	1.5385
277	SLD 14	-4.62	0.09	40.86	11.4983	-0.0117	1.4217
277	SLD 15	-4.95	-0.9	40.38	11.4398	-0.0104	1.5189
277	SLD 16	-4.56	-1.05	40.26	11.4097	-0.0109	1.402
277	SLV 1	8.5	-0.08	42.97	11.8242	0.0226	-2.5857
277	SLV 2	9.4	-0.42	42.68	11.7541	0.0215	-2.8578
277	SLV 3	8.65	-2.66	41.6	11.6224	0.0244	-2.6315
277	SLV 4	9.55	-3	41.31	11.5523	0.0233	-2.9036
277	SLV 5	1.72	3.41	43.77	11.9398	0.0036	-0.5135
277	SLV 6	2.3	3.2	43.58	11.8944	0.0029	-0.6895
277	SLV 7	2.2	-5.17	39.21	11.2671	0.0096	-0.666
277	SLV 8	2.78	-5.38	39.02	11.2217	0.0089	-0.842
277	SLV 9	-4.08	3.89	43.13	11.8476	-0.0107	1.2582
277	SLV 10	-3.5	3.67	42.94	11.8022	-0.0114	1.0821
277	SLV 11	-3.6	-4.69	38.57	11.1749	-0.0046	1.1057
277	SLV 12	-3.02	-4.91	38.38	11.1295	-0.0054	0.9296
277	SLV 13	-10.84	1.5	40.84	11.517	-0.025	3.3197
277	SLV 14	-9.95	1.16	40.55	11.4469	-0.0262	3.0476
277	SLV 15	-10.7	-1.07	39.47	11.3152	-0.0232	3.274
277	SLV 16	-9.8	-1.41	39.18	11.2451	-0.0244	3.0019
277	CRTFP Ux+	0	0	0	0	0	0
277	CRTFP Ux-	0	0	0	0	0	0
277	CRTFP Uy+	0	0	0	0	0	0
277	CRTFP Uy-	0	0	0	0	0	0
278	SLU 1	-0.61	-0.61	38.99	10.9691	-0.0195	0.1944
278	SLU 2	-0.57	-0.56	39.05	10.98	-0.0198	0.1818
278	SLU 3	-0.62	-0.61	39.89	11.221	-0.0201	0.1997
278	SLU 4	-0.6	-0.58	39.92	11.2275	-0.0203	0.1921
278	SLU 5	-0.58	-0.57	39.63	11.1433	-0.0203	0.1849
278	SLU 6	-0.63	-0.62	40.48	11.3843	-0.0205	0.2028
278	SLU 7	-0.61	-0.59	40.51	11.3908	-0.0208	0.1953
278	SLU 8	-0.63	-0.63	40.17	11.2957	-0.0203	0.2007



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
278	SLU 9	-0.6	-0.6	40.2	11.3023	-0.0205	0.1931
278	SLU 10	-0.6	-0.57	43.67	12.2795	-0.0237	0.1923
278	SLU 11	-0.65	-0.62	44.51	12.5205	-0.024	0.2102
278	SLU 12	-0.63	-0.59	44.54	12.527	-0.0242	0.2026
278	SLU 13	-0.61	-0.58	44.25	12.4429	-0.0241	0.1954
278	SLU 14	-0.66	-0.63	45.1	12.6838	-0.0244	0.2133
278	SLU 15	-0.64	-0.6	45.13	12.6904	-0.0246	0.2058
278	SLU 16	-0.66	-0.64	44.78	12.5953	-0.0242	0.2112
278	SLU 17	-0.63	-0.61	44.82	12.6018	-0.0244	0.2036
278	SLU 18	-0.65	-0.63	45.59	12.8255	-0.025	0.2094
278	SLU 19	-0.63	-0.6	45.62	12.8321	-0.0252	0.2019
278	SLU 20	-0.66	-0.64	46.18	12.9889	-0.0254	0.2126
278	SLU 21	-0.64	-0.61	46.21	12.9954	-0.0257	0.205
278	SLU 22	-0.68	-0.57	43.01	12.1036	-0.0218	0.2185
278	SLU 23	-0.64	-0.52	43.07	12.1146	-0.0221	0.2058
278	SLU 24	-0.7	-0.57	43.91	12.3555	-0.0224	0.2237
278	SLU 25	-0.67	-0.54	43.94	12.3621	-0.0226	0.2162
278	SLU 26	-0.65	-0.53	43.65	12.2779	-0.0225	0.209
278	SLU 27	-0.71	-0.58	44.49	12.5189	-0.0228	0.2269
278	SLU 28	-0.68	-0.55	44.53	12.5254	-0.023	0.2193
278	SLU 29	-0.7	-0.59	44.18	12.4303	-0.0226	0.2247
278	SLU 30	-0.68	-0.56	44.22	12.4369	-0.0228	0.2172
278	SLU 31	-0.67	-0.53	47.68	13.4141	-0.026	0.2163
278	SLU 32	-0.73	-0.58	48.53	13.6551	-0.0263	0.2343
278	SLU 33	-0.71	-0.55	48.56	13.6616	-0.0265	0.2267
278	SLU 34	-0.68	-0.54	48.27	13.5774	-0.0264	0.2195
278	SLU 35	-0.74	-0.59	49.11	13.8184	-0.0267	0.2374
278	SLU 36	-0.72	-0.56	49.15	13.8249	-0.0269	0.2298
278	SLU 37	-0.73	-0.6	48.8	13.7298	-0.0265	0.2352
278	SLU 38	-0.71	-0.57	48.83	13.7364	-0.0267	0.2277
278	SLU 39	-0.73	-0.59	49.61	13.9601	-0.0273	0.2335
278	SLU 40	-0.7	-0.55	49.64	13.9667	-0.0275	0.2259
278	SLU 41	-0.74	-0.59	50.2	14.1234	-0.0277	0.2366
278	SLU 42	-0.71	-0.56	50.23	14.13	-0.0279	0.229
278	SLU 43	-0.76	-0.81	49.31	13.8708	-0.0245	0.2445
278	SLU 44	-0.72	-0.76	49.37	13.8817	-0.0249	0.2319
278	SLU 45	-0.78	-0.81	50.21	14.1227	-0.0252	0.2498
278	SLU 46	-0.76	-0.78	50.24	14.1292	-0.0254	0.2422
278	SLU 47	-0.73	-0.77	49.95	14.045	-0.0253	0.235
278	SLU 48	-0.79	-0.82	50.8	14.286	-0.0256	0.2529
278	SLU 49	-0.77	-0.79	50.83	14.2926	-0.0258	0.2453
278	SLU 50	-0.78	-0.83	50.49	14.1975	-0.0254	0.2508
278	SLU 51	-0.76	-0.8	50.52	14.204	-0.0256	0.2432
278	SLU 52	-0.75	-0.77	53.99	15.1812	-0.0288	0.2424
278	SLU 53	-0.81	-0.82	54.83	15.4222	-0.0291	0.2603
278	SLU 54	-0.79	-0.79	54.86	15.4288	-0.0293	0.2527
278	SLU 55	-0.76	-0.78	54.57	15.3446	-0.0292	0.2455
278	SLU 56	-0.82	-0.83	55.42	15.5855	-0.0295	0.2634
278	SLU 57	-0.8	-0.8	55.45	15.5921	-0.0297	0.2559
278	SLU 58	-0.81	-0.84	55.11	15.497	-0.0292	0.2613
278	SLU 59	-0.79	-0.81	55.14	15.5035	-0.0295	0.2537
278	SLU 60	-0.81	-0.83	55.91	15.7273	-0.0301	0.2595
278	SLU 61	-0.78	-0.8	55.95	15.7338	-0.0303	0.2519
278	SLU 62	-0.82	-0.83	56.5	15.8906	-0.0305	0.2626
278	SLU 63	-0.79	-0.8	56.53	15.8972	-0.0307	0.2551
278	SLU 64	-0.84	-0.77	53.33	15.0054	-0.0268	0.2685
278	SLU 65	-0.8	-0.71	53.39	15.0163	-0.0272	0.2559
278	SLU 66	-0.85	-0.77	54.23	15.2572	-0.0275	0.2738
278	SLU 67	-0.83	-0.74	54.26	15.2638	-0.0277	0.2663
278	SLU 68	-0.81	-0.72	53.97	15.1796	-0.0276	0.2591
278	SLU 69	-0.86	-0.78	54.81	15.4206	-0.0279	0.277
278	SLU 70	-0.84	-0.75	54.85	15.4271	-0.0281	0.2694
278	SLU 71	-0.86	-0.78	54.5	15.332	-0.0277	0.2748
278	SLU 72	-0.83	-0.75	54.01	15.3386	-0.0279	0.2672
278	SLU 73	-0.83	-0.73	58.51	16.3158	-0.0311	0.2664
278	SLU 74	-0.89	-0.78	58.85	16.5568	-0.0313	0.2843
278	SLU 75	-0.86	-0.75	58.88	16.5633	-0.0316	0.2768
278	SLU 76	-0.84	-0.74	58.59	16.4791	-0.0315	0.2696
278	SLU 77	-0.9	-0.79	59.43	16.7201	-0.0318	0.2875
278	SLU 78	-0.87	-0.76	59.47	16.7267	-0.032	0.2799
278	SLU 79	-0.89	-0.8	59.12	16.6316	-0.0315	0.2853
278	SLU 80	-0.87	-0.77	59.16	16.6381	-0.0318	0.2777
278	SLU 81	-0.88	-0.78	59.93	16.8618	-0.0324	0.2835
278	SLU 82	-0.86	-0.75	59.96	16.8684	-0.0326	0.276
278	SLU 83	-0.89	-0.79	60.52	17.0252	-0.0328	0.2867
278	SLU 84	-0.87	-0.76	60.55	17.0317	-0.033	0.2791
278	SLE RA 1	-0.63	-0.6	40.14	11.2932	-0.0201	0.2013
278	SLE RA 2	-0.6	-0.56	40.18	11.3005	-0.0204	0.1929
278	SLE RA 3	-0.64	-0.6	40.74	11.4612	-0.0206	0.2048
278	SLE RA 4	-0.62	-0.58	40.76	11.4655	-0.0207	0.1998
278	SLE RA 5	-0.61	-0.57	40.57	11.4094	-0.0206	0.195
278	SLE RA 6	-0.65	-0.61	41.13	11.57	-0.0208	0.2069
278	SLE RA 7	-0.63	-0.59	41.15	11.5744	-0.021	0.2018
278	SLE RA 8	-0.64	-0.61	40.92	11.511	-0.0207	0.2055
278	SLE RA 9	-0.63	-0.59	40.94	11.5154	-0.0208	0.2004
278	SLE RA 10	-0.62	-0.57	43.26	12.1669	-0.023	0.1999
278	SLE RA 11	-0.66	-0.61	43.82	12.3275	-0.0231	0.2118
278	SLE RA 12	-0.64	-0.59	43.84	12.3319	-0.0233	0.2068
278	SLE RA 13	-0.63	-0.58	43.65	12.2758	-0.0232	0.202



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
278	SLE RA 14	-0.67	-0.61	44.21	12.4364	-0.0234	0.2139
278	SLE RA 15	-0.65	-0.59	44.23	12.4408	-0.0236	0.2089
278	SLE RA 16	-0.66	-0.62	44	12.3774	-0.0233	0.2125
278	SLE RA 17	-0.65	-0.6	44.02	12.3817	-0.0234	0.2074
278	SLE RA 18	-0.66	-0.61	44.54	12.5309	-0.0238	0.2113
278	SLE RA 19	-0.64	-0.59	44.56	12.5352	-0.024	0.2062
278	SLE RA 20	-0.66	-0.62	44.93	12.6398	-0.0241	0.2134
278	SLE RA 21	-0.65	-0.6	44.95	12.6441	-0.0242	0.2083
278	SLE FR 1	-0.63	-0.6	40.14	11.2932	-0.0201	0.2013
278	SLE FR 2	-0.62	-0.59	40.15	11.2947	-0.0202	0.1996
278	SLE FR 3	-0.63	-0.6	40.3	11.3368	-0.0202	0.2021
278	SLE FR 4	-0.63	-0.59	41.47	11.666	-0.0213	0.2026
278	SLE FR 5	-0.64	-0.6	41.62	11.7081	-0.0214	0.2051
278	SLE FR 6	-0.64	-0.6	42.34	11.9121	-0.022	0.2063
278	SLE QP 1	-0.63	-0.6	40.14	11.2932	-0.0201	0.2013
278	SLE QP 2	-0.64	-0.6	41.46	11.6645	-0.0212	0.2043
278	SLD 1	3.27	-0.21	41.95	11.6774	-0.012	-0.987
278	SLD 2	3.65	-0.33	41.84	11.6523	-0.0124	-1.1034
278	SLD 3	3.33	-1.36	41.31	11.5772	-0.0107	-1.0067
278	SLD 4	3.71	-1.48	41.21	11.5521	-0.0112	-1.1231
278	SLD 5	0.37	1.28	42.59	11.8248	-0.0203	-0.1024
278	SLD 6	0.62	1.2	42.52	11.8082	-0.0205	-0.179
278	SLD 7	0.58	-2.55	40.47	11.4909	-0.0161	-0.168
278	SLD 8	0.83	-2.63	40.4	11.4744	-0.0164	-0.2447
278	SLD 9	-2.1	1.43	42.52	11.8546	-0.0261	0.6532
278	SLD 10	-1.85	1.34	42.45	11.8381	-0.0263	0.5766
278	SLD 11	-1.9	-2.4	40.4	11.5208	-0.0219	0.5876
278	SLD 12	-1.64	-2.48	40.33	11.5043	-0.0222	0.5109
278	SLD 13	-4.99	0.28	41.72	11.7769	-0.0313	1.5317
278	SLD 14	-4.6	0.15	41.61	11.7518	-0.0317	1.4153
278	SLD 15	-4.92	-0.87	41.08	11.6768	-0.0301	1.512
278	SLD 16	-4.54	-0.99	40.98	11.6517	-0.0305	1.3956
278	SLV 1	8.5	0.27	42.58	11.6907	0.0004	-2.5834
278	SLV 2	9.39	-0.02	42.33	11.6322	-0.0005	-2.8545
278	SLV 3	8.64	-2.33	41.14	11.4631	0.0033	-2.6292
278	SLV 4	9.53	-2.62	40.89	11.4046	0.0023	-2.9003
278	SLV 5	1.73	3.66	44.02	12.0278	-0.0189	-0.5155
278	SLV 6	2.31	3.47	43.86	11.9899	-0.0195	-0.6909
278	SLV 7	2.21	-5.01	39.23	11.269	-0.0094	-0.6682
278	SLV 8	2.79	-5.2	39.07	11.2312	-0.01	-0.8436
278	SLV 9	-4.06	4	43.86	12.0979	-0.0324	1.2521
278	SLV 10	-3.48	3.81	43.7	12.06	-0.0331	1.0767
278	SLV 11	-3.58	-4.67	39.06	11.3391	-0.023	1.0995
278	SLV 12	-3	-4.86	38.9	11.3013	-0.0236	0.9241
278	SLV 13	-10.81	1.42	42.03	11.9245	-0.0448	3.3088
278	SLV 14	-9.91	1.12	41.79	11.866	-0.0458	3.0377
278	SLV 15	-10.66	-1.18	40.6	11.6968	-0.042	3.263
278	SLV 16	-9.77	-1.48	40.35	11.6383	-0.0429	2.992
278	CRTFP Ux+	0	0	0	0	0	0
278	CRTFP Ux-	0	0	0	0	0	0
278	CRTFP Uy+	0	0	0	0	0	0
278	CRTFP Uy-	0	0	0	0	0	0
279	SLU 1	-0.59	-0.48	39.97	11.3038	-0.0373	0.1903
279	SLU 2	-0.55	-0.43	40.04	11.3191	-0.0376	0.1779
279	SLU 3	-0.61	-0.48	40.9	11.5658	-0.0384	0.1955
279	SLU 4	-0.59	-0.45	40.94	11.575	-0.0386	0.188
279	SLU 5	-0.56	-0.44	40.65	11.489	-0.0384	0.181
279	SLU 6	-0.62	-0.48	41.51	11.7357	-0.0391	0.1985
279	SLU 7	-0.6	-0.46	41.55	11.7449	-0.0393	0.1911
279	SLU 8	-0.61	-0.49	41.19	11.6436	-0.0387	0.1964
279	SLU 9	-0.59	-0.47	41.23	11.6528	-0.0389	0.189
279	SLU 10	-0.59	-0.43	44.84	12.6782	-0.0439	0.1881
279	SLU 11	-0.64	-0.48	45.7	12.9249	-0.0447	0.2056
279	SLU 12	-0.62	-0.45	45.74	12.9341	-0.0449	0.1982
279	SLU 13	-0.59	-0.44	45.45	12.8482	-0.0446	0.1911
279	SLU 14	-0.65	-0.48	46.31	13.0948	-0.0454	0.2087
279	SLU 15	-0.63	-0.46	46.35	13.104	-0.0456	0.2012
279	SLU 16	-0.64	-0.49	45.98	13.0027	-0.045	0.2066
279	SLU 17	-0.62	-0.47	46.02	13.0119	-0.0452	0.1992
279	SLU 18	-0.64	-0.48	46.83	13.2454	-0.0462	0.2048
279	SLU 19	-0.61	-0.45	46.87	13.2546	-0.0465	0.1974
279	SLU 20	-0.65	-0.48	47.43	13.4153	-0.047	0.2079
279	SLU 21	-0.62	-0.46	47.47	13.4245	-0.0472	0.2005
279	SLU 22	-0.67	-0.42	44.11	12.4772	-0.0417	0.2138
279	SLU 23	-0.63	-0.37	44.18	12.4926	-0.042	0.2014
279	SLU 24	-0.68	-0.42	45.04	12.7392	-0.0428	0.219
279	SLU 25	-0.66	-0.39	45.08	12.7485	-0.043	0.2115
279	SLU 26	-0.64	-0.38	44.78	12.6625	-0.0428	0.2045
279	SLU 27	-0.69	-0.42	45.64	12.9092	-0.0435	0.222
279	SLU 28	-0.67	-0.4	45.68	12.9184	-0.0437	0.2146
279	SLU 29	-0.69	-0.43	45.32	12.817	-0.0431	0.2199
279	SLU 30	-0.66	-0.41	45.36	12.8263	-0.0433	0.2125
279	SLU 31	-0.66	-0.37	48.97	13.8517	-0.0483	0.2116
279	SLU 32	-0.71	-0.42	49.83	14.0984	-0.049	0.2291
279	SLU 33	-0.69	-0.39	49.87	14.1076	-0.0493	0.2217
279	SLU 34	-0.67	-0.38	49.58	14.0216	-0.049	0.2146
279	SLU 35	-0.72	-0.42	50.44	14.2683	-0.0498	0.2322
279	SLU 36	-0.7	-0.4	50.48	14.2775	-0.05	0.2247
279	SLU 37	-0.72	-0.43	50.12	14.1762	-0.0494	0.2301



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
279	SLU 38	-0.69	-0.41	50.16	14.1854	-0.0496	0.2226
279	SLU 39	-0.71	-0.42	50.96	14.4188	-0.0506	0.2283
279	SLU 40	-0.69	-0.39	51	14.428	-0.0509	0.2209
279	SLU 41	-0.72	-0.42	51.57	14.5887	-0.0514	0.2314
279	SLU 42	-0.7	-0.4	51.61	14.598	-0.0516	0.2239
279	SLU 43	-0.75	-0.64	50.55	14.2926	-0.0469	0.2394
279	SLU 44	-0.71	-0.6	50.62	14.3079	-0.0473	0.227
279	SLU 45	-0.76	-0.64	51.48	14.5546	-0.048	0.2445
279	SLU 46	-0.74	-0.61	51.52	14.5638	-0.0483	0.2371
279	SLU 47	-0.72	-0.6	51.22	14.4778	-0.048	0.23
279	SLU 48	-0.77	-0.65	52.08	14.7245	-0.0488	0.2476
279	SLU 49	-0.75	-0.62	52.12	14.7337	-0.049	0.2401
279	SLU 50	-0.77	-0.66	51.76	14.6324	-0.0484	0.2455
279	SLU 51	-0.74	-0.63	51.8	14.6416	-0.0486	0.238
279	SLU 52	-0.74	-0.6	55.41	15.667	-0.0536	0.2371
279	SLU 53	-0.79	-0.64	56.28	15.9137	-0.0543	0.2547
279	SLU 54	-0.77	-0.61	56.32	15.9229	-0.0546	0.2472
279	SLU 55	-0.75	-0.6	56.02	15.837	-0.0543	0.2402
279	SLU 56	-0.8	-0.65	56.88	16.0836	-0.055	0.2577
279	SLU 57	-0.78	-0.62	56.92	16.0928	-0.0553	0.2503
279	SLU 58	-0.8	-0.66	56.56	15.9915	-0.0547	0.2556
279	SLU 59	-0.77	-0.63	56.6	16.0007	-0.0549	0.2482
279	SLU 60	-0.79	-0.64	57.4	16.2342	-0.0559	0.2539
279	SLU 61	-0.77	-0.61	57.44	16.2434	-0.0561	0.2464
279	SLU 62	-0.8	-0.65	58.01	16.4041	-0.0566	0.2569
279	SLU 63	-0.78	-0.62	58.05	16.4133	-0.0569	0.2495
279	SLU 64	-0.82	-0.58	54.68	15.466	-0.0513	0.2629
279	SLU 65	-0.78	-0.54	54.75	15.4814	-0.0517	0.2505
279	SLU 66	-0.84	-0.58	55.61	15.728	-0.0524	0.268
279	SLU 67	-0.81	-0.55	55.65	15.7373	-0.0527	0.2606
279	SLU 68	-0.79	-0.54	55.36	15.6513	-0.0524	0.2535
279	SLU 69	-0.85	-0.59	56.22	15.898	-0.0532	0.2711
279	SLU 70	-0.82	-0.56	56.26	15.9072	-0.0534	0.2636
279	SLU 71	-0.84	-0.6	55.89	15.8058	-0.0528	0.269
279	SLU 72	-0.82	-0.57	55.94	15.8151	-0.053	0.2615
279	SLU 73	-0.81	-0.54	59.55	16.8405	-0.058	0.2606
279	SLU 74	-0.87	-0.58	60.41	17.0872	-0.0587	0.2782
279	SLU 75	-0.84	-0.55	60.45	17.0964	-0.059	0.2707
279	SLU 76	-0.82	-0.54	60.15	17.0104	-0.0587	0.2637
279	SLU 77	-0.88	-0.59	61.01	17.2571	-0.0594	0.2812
279	SLU 78	-0.85	-0.56	61.06	17.2663	-0.0597	0.2738
279	SLU 79	-0.87	-0.6	60.69	17.165	-0.0591	0.2791
279	SLU 80	-0.85	-0.57	60.73	17.1742	-0.0593	0.2717
279	SLU 81	-0.86	-0.58	61.54	17.4076	-0.0603	0.2774
279	SLU 82	-0.84	-0.55	61.58	17.4168	-0.0605	0.2699
279	SLU 83	-0.87	-0.59	62.14	17.5775	-0.061	0.2804
279	SLU 84	-0.85	-0.56	62.18	17.5868	-0.0613	0.273
279	SLE RA 1	-0.62	-0.46	41.16	11.639	-0.0385	0.197
279	SLE RA 2	-0.59	-0.43	41.2	11.6493	-0.0388	0.1888
279	SLE RA 3	-0.63	-0.46	41.77	11.8137	-0.0393	0.2005
279	SLE RA 4	-0.61	-0.44	41.8	11.8199	-0.0394	0.1955
279	SLE RA 5	-0.6	-0.44	41.6	11.7625	-0.0393	0.1908
279	SLE RA 6	-0.63	-0.47	42.18	11.927	-0.0397	0.2025
279	SLE RA 7	-0.62	-0.45	42.2	11.9331	-0.0399	0.1975
279	SLE RA 8	-0.63	-0.47	41.96	11.8656	-0.0395	0.2011
279	SLE RA 9	-0.61	-0.45	41.99	11.8717	-0.0396	0.1961
279	SLE RA 10	-0.61	-0.43	44.4	12.5554	-0.043	0.1955
279	SLE RA 11	-0.65	-0.46	44.97	12.7198	-0.0434	0.2072
279	SLE RA 12	-0.63	-0.44	45	12.7259	-0.0436	0.2023
279	SLE RA 13	-0.62	-0.44	44.8	12.6686	-0.0434	0.1976
279	SLE RA 14	-0.65	-0.46	45.38	12.8331	-0.0439	0.2093
279	SLE RA 15	-0.64	-0.45	45.4	12.8392	-0.0441	0.2043
279	SLE RA 16	-0.65	-0.47	45.16	12.7717	-0.0437	0.2079
279	SLE RA 17	-0.63	-0.45	45.19	12.7778	-0.0438	0.2029
279	SLE RA 18	-0.64	-0.46	45.73	12.9334	-0.0445	0.2067
279	SLE RA 19	-0.63	-0.44	45.75	12.9396	-0.0447	0.2018
279	SLE RA 20	-0.65	-0.47	46.13	13.0467	-0.045	0.2087
279	SLE RA 21	-0.63	-0.45	46.16	13.0529	-0.0451	0.2038
279	SLE FR 1	-0.62	-0.46	41.16	11.639	-0.0385	0.197
279	SLE FR 2	-0.61	-0.45	41.16	11.6411	-0.0386	0.1954
279	SLE FR 3	-0.62	-0.46	41.32	11.6843	-0.0387	0.1978
279	SLE FR 4	-0.62	-0.45	42.54	12.0294	-0.0404	0.1983
279	SLE FR 5	-0.63	-0.46	42.69	12.0727	-0.0405	0.2007
279	SLE FR 6	-0.63	-0.46	43.44	12.2862	-0.0415	0.2019
279	SLE QP 1	-0.62	-0.46	41.16	11.639	-0.0385	0.197
279	SLE QP 2	-0.62	-0.46	42.53	12.0274	-0.0403	0.1999
279	SLD 1	3.27	0.03	42.63	11.955	-0.0314	-0.9886
279	SLD 2	3.65	-0.08	42.54	11.934	-0.0318	-1.1045
279	SLD 3	3.33	-1.13	41.95	11.8371	-0.0298	-1.0082
279	SLD 4	3.71	-1.24	41.86	11.8162	-0.0301	-1.1241
279	SLD 5	0.38	1.46	43.61	12.1882	-0.0401	-0.1061
279	SLD 6	0.63	1.39	43.55	12.1744	-0.0403	-0.1824
279	SLD 7	0.59	-2.4	41.34	11.7953	-0.0346	-0.1715
279	SLD 8	0.84	-2.47	41.27	11.7815	-0.0349	-0.2478
279	SLD 9	-2.09	1.55	43.78	12.2732	-0.0458	0.6476
279	SLD 10	-1.83	1.48	43.72	12.2594	-0.046	0.5713
279	SLD 11	-1.88	-2.31	41.5	11.8803	-0.0403	0.5823
279	SLD 12	-1.63	-2.38	41.44	11.8666	-0.0406	0.506
279	SLD 13	-4.96	0.32	43.19	12.2385	-0.0505	1.5239



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
279	SLD 14	-4.58	0.21	43.1	12.2176	-0.0508	1.408
279	SLD 15	-4.89	-0.84	42.51	12.1207	-0.0488	1.5043
279	SLD 16	-4.51	-0.95	42.42	12.0997	-0.0492	1.3884
279	SLV 1	8.48	0.63	42.75	11.8535	-0.0195	-2.5812
279	SLV 2	9.37	0.39	42.54	11.8048	-0.0203	-2.8511
279	SLV 3	8.62	-1.99	41.21	11.5859	-0.0157	-2.6268
279	SLV 4	9.51	-2.24	40.99	11.5371	-0.0166	-2.8966
279	SLV 5	1.73	3.9	44.98	12.3896	-0.0396	-0.5185
279	SLV 6	2.31	3.74	44.84	12.3581	-0.0401	-0.6931
279	SLV 7	2.21	-4.86	39.82	11.4974	-0.0271	-0.6703
279	SLV 8	2.79	-5.02	39.68	11.4659	-0.0277	-0.845
279	SLV 9	-4.04	4.1	45.37	12.5888	-0.0529	1.2448
279	SLV 10	-3.46	3.94	45.23	12.5573	-0.0535	1.0702
279	SLV 11	-3.56	-4.66	40.21	11.6966	-0.0405	1.093
279	SLV 12	-2.98	-4.82	40.07	11.6651	-0.0411	0.9183
279	SLV 13	-10.76	1.32	44.06	12.5176	-0.0641	3.2965
279	SLV 14	-9.87	1.07	43.85	12.4688	-0.0649	3.0266
279	SLV 15	-10.61	-1.31	42.52	12.2499	-0.0603	3.2509
279	SLV 16	-9.73	-1.56	42.3	12.2012	-0.0612	2.9811
279	CRTFP Ux+	0	0	0	0	0	0
279	CRTFP Ux-	0	0	0	0	0	0
279	CRTFP Uy+	0	0	0	0	0	0
279	CRTFP Uy-	0	0	0	0	0	0
280	SLU 1	-1.62	-0.94	117.16	41.1062	-9.2114	0.547
280	SLU 2	-1.52	-0.83	117.39	41.183	-9.235	0.5158
280	SLU 3	-1.67	-0.93	119.91	42.0712	-9.4325	0.5645
280	SLU 4	-1.6	-0.86	120.05	42.1173	-9.4467	0.5457
280	SLU 5	-1.54	-0.85	119.19	41.8101	-9.379	0.5244
280	SLU 6	-1.69	-0.95	121.71	42.6984	-9.5765	0.5731
280	SLU 7	-1.63	-0.88	121.85	42.7445	-9.5907	0.5543
280	SLU 8	-1.68	-0.98	120.75	42.3605	-9.4995	0.5642
280	SLU 9	-1.61	-0.91	120.89	42.4066	-9.5136	0.5455
280	SLU 10	-1.6	-0.79	131.7	46.2128	-10.3935	0.5514
280	SLU 11	-1.75	-0.89	134.22	47.101	-10.591	0.6001
280	SLU 12	-1.69	-0.82	134.36	47.1471	-10.6052	0.5814
280	SLU 13	-1.63	-0.81	133.49	46.8399	-10.5376	0.56
280	SLU 14	-1.78	-0.9	136.01	47.7282	-10.7351	0.6087
280	SLU 15	-1.71	-0.84	136.15	47.7742	-10.7492	0.59
280	SLU 16	-1.76	-0.93	135.05	47.3903	-10.658	0.5999
280	SLU 17	-1.69	-0.87	135.19	47.4364	-10.6722	0.5811
280	SLU 18	-1.74	-0.88	137.6	48.2916	-10.8664	0.5979
280	SLU 19	-1.68	-0.82	137.74	48.3377	-10.8806	0.5792
280	SLU 20	-1.77	-0.9	139.39	48.9188	-11.0105	0.6066
280	SLU 21	-1.7	-0.83	139.53	48.9648	-11.0246	0.5878
280	SLU 22	-1.82	-0.72	129.37	45.3964	-10.1839	0.6377
280	SLU 23	-1.72	-0.61	129.6	45.4732	-10.2076	0.6065
280	SLU 24	-1.87	-0.71	132.12	46.3615	-10.4051	0.6552
280	SLU 25	-1.8	-0.64	132.26	46.4075	-10.4192	0.6364
280	SLU 26	-1.74	-0.63	131.39	46.1004	-10.3516	0.6151
280	SLU 27	-1.89	-0.73	133.91	46.9886	-10.5491	0.6638
280	SLU 28	-1.83	-0.66	134.05	47.0347	-10.5633	0.645
280	SLU 29	-1.88	-0.76	132.95	46.6508	-10.472	0.6549
280	SLU 30	-1.81	-0.69	133.09	46.6968	-10.4862	0.6362
280	SLU 31	-1.8	-0.57	143.9	50.503	-11.3661	0.6421
280	SLU 32	-1.95	-0.67	146.42	51.3913	-11.5636	0.6908
280	SLU 33	-1.88	-0.6	146.56	51.4373	-11.5778	0.6721
280	SLU 34	-1.82	-0.59	145.7	51.1302	-11.5101	0.6507
280	SLU 35	-1.98	-0.68	148.22	52.0184	-11.7076	0.6994
280	SLU 36	-1.91	-0.62	148.36	52.0645	-11.7218	0.6807
280	SLU 37	-1.96	-0.71	147.26	51.6805	-11.6306	0.6906
280	SLU 38	-1.89	-0.65	147.4	51.7266	-11.6447	0.6718
280	SLU 39	-1.94	-0.66	149.8	52.5819	-11.839	0.6887
280	SLU 40	-1.88	-0.6	149.94	52.6279	-11.8532	0.6699
280	SLU 41	-1.97	-0.68	151.59	53.209	-11.983	0.6973
280	SLU 42	-1.9	-0.61	151.73	53.2551	-11.9972	0.6785
280	SLU 43	-2.04	-1.3	148.13	51.9671	-11.6413	0.68
280	SLU 44	-1.94	-1.19	148.36	52.0439	-11.665	0.6488
280	SLU 45	-2.09	-1.29	150.88	52.9322	-11.8625	0.6975
280	SLU 46	-2.02	-1.22	151.02	52.9782	-11.8766	0.6787
280	SLU 47	-1.96	-1.21	150.15	52.6711	-11.809	0.6574
280	SLU 48	-2.11	-1.31	152.67	53.5593	-12.0065	0.7061
280	SLU 49	-2.05	-1.24	152.81	53.6054	-12.0207	0.6873
280	SLU 50	-2.1	-1.34	151.71	53.2214	-11.9294	0.6972
280	SLU 51	-2.03	-1.27	151.85	53.2675	-11.9436	0.6785
280	SLU 52	-2.02	-1.15	162.66	57.0737	-12.8235	0.6844
280	SLU 53	-2.17	-1.25	165.18	57.962	-13.021	0.7331
280	SLU 54	-2.11	-1.18	165.32	58.008	-13.0352	0.7144
280	SLU 55	-2.05	-1.16	164.46	57.7008	-12.9675	0.693
280	SLU 56	-2.2	-1.26	166.98	58.5891	-13.165	0.7417
280	SLU 57	-2.13	-1.19	167.12	58.6352	-13.1792	0.723
280	SLU 58	-2.18	-1.29	166.02	58.2512	-13.0879	0.7329
280	SLU 59	-2.11	-1.22	166.16	58.2973	-13.1021	0.7142
280	SLU 60	-2.16	-1.24	168.56	59.1525	-13.2964	0.731
280	SLU 61	-2.1	-1.18	168.7	59.1986	-13.3105	0.7122
280	SLU 62	-2.19	-1.26	170.36	59.7797	-13.4404	0.7396
280	SLU 63	-2.12	-1.19	170.5	59.8258	-13.4546	0.7208
280	SLU 64	-2.24	-1.08	160.33	56.2574	-12.6139	0.7707
280	SLU 65	-2.14	-0.97	160.56	56.3341	-12.6375	0.7395
280	SLU 66	-2.29	-1.07	163.08	57.2224	-12.835	0.7882



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
280	SLU 67	-2.22	-1	163.22	57.2685	-12.8492	0.7694
280	SLU 68	-2.16	-0.99	162.36	56.9613	-12.7816	0.7481
280	SLU 69	-2.31	-1.09	164.88	57.8496	-12.9791	0.7968
280	SLU 70	-2.25	-1.02	165.02	57.8956	-12.9932	0.778
280	SLU 71	-2.29	-1.12	163.92	57.5117	-12.902	0.788
280	SLU 72	-2.23	-1.05	164.06	57.5577	-12.9162	0.7692
280	SLU 73	-2.22	-0.93	174.87	61.3639	-13.7961	0.7751
280	SLU 74	-2.37	-1.03	177.39	62.2522	-13.9936	0.8238
280	SLU 75	-2.3	-0.96	177.53	62.2982	-14.0077	0.8051
280	SLU 76	-2.24	-0.94	176.66	61.9911	-13.9401	0.7838
280	SLU 77	-2.39	-1.04	179.18	62.8793	-14.1376	0.8324
280	SLU 78	-2.33	-0.97	179.32	62.9254	-14.1518	0.8137
280	SLU 79	-2.38	-1.07	178.22	62.5415	-14.0605	0.8236
280	SLU 80	-2.31	-1	178.36	62.5875	-14.0747	0.8049
280	SLU 81	-2.36	-1.02	180.76	63.4428	-14.2689	0.8217
280	SLU 82	-2.3	-0.96	180.9	63.4888	-14.2831	0.8029
280	SLU 83	-2.39	-1.04	182.56	64.0699	-14.413	0.8303
280	SLU 84	-2.32	-0.97	182.7	64.116	-14.4272	0.8115
280	SLE RA 1	-1.68	-0.88	120.65	42.332	-9.4892	0.5729
280	SLE RA 2	-1.61	-0.81	120.8	42.3832	-9.505	0.5521
280	SLE RA 3	-1.71	-0.87	122.48	42.9753	-9.6367	0.5846
280	SLE RA 4	-1.67	-0.83	122.58	43.0061	-9.6461	0.5721
280	SLE RA 5	-1.63	-0.82	122	42.8013	-9.601	0.5578
280	SLE RA 6	-1.73	-0.88	123.68	43.3935	-9.7327	0.5903
280	SLE RA 7	-1.68	-0.84	123.77	43.4242	-9.7421	0.5778
280	SLE RA 8	-1.72	-0.9	123.04	43.1682	-9.6813	0.5844
280	SLE RA 9	-1.67	-0.86	123.13	43.1989	-9.6908	0.5719
280	SLE RA 10	-1.66	-0.78	130.34	45.7364	-10.2774	0.5759
280	SLE RA 11	-1.77	-0.84	132.02	46.3285	-10.409	0.6083
280	SLE RA 12	-1.72	-0.8	132.11	46.3592	-10.4185	0.5958
280	SLE RA 13	-1.68	-0.79	131.54	46.1545	-10.3734	0.5816
280	SLE RA 14	-1.78	-0.85	133.22	46.7466	-10.505	0.6141
280	SLE RA 15	-1.74	-0.81	133.31	46.7773	-10.5145	0.6016
280	SLE RA 16	-1.77	-0.87	132.58	46.5214	-10.4537	0.6082
280	SLE RA 17	-1.73	-0.83	132.67	46.5521	-10.4631	0.5957
280	SLE RA 18	-1.76	-0.84	134.27	47.1223	-10.5926	0.6069
280	SLE RA 19	-1.72	-0.8	134.37	47.153	-10.6021	0.5944
280	SLE RA 20	-1.78	-0.85	135.47	47.5404	-10.6886	0.6126
280	SLE RA 21	-1.73	-0.81	135.56	47.5711	-10.6981	0.6001
280	SLE FR 1	-1.68	-0.88	120.65	42.332	-9.4892	0.5729
280	SLE FR 2	-1.67	-0.87	120.68	42.3422	-9.4924	0.5688
280	SLE FR 3	-1.69	-0.89	121.13	42.4992	-9.5277	0.5752
280	SLE FR 4	-1.69	-0.85	124.77	43.7793	-9.8234	0.579
280	SLE FR 5	-1.71	-0.87	125.21	43.9363	-9.8587	0.5854
280	SLE FR 6	-1.72	-0.86	127.46	44.7271	-10.0409	0.5899
280	SLE QP 1	-1.68	-0.88	120.65	42.332	-9.4892	0.5729
280	SLE QP 2	-1.7	-0.87	124.74	43.7691	-9.8203	0.5831
280	SLD 1	9.16	1.03	123.88	43.2982	-9.5961	-3.2155
280	SLD 2	10.21	0.81	123.67	43.2342	-9.587	-3.6045
280	SLD 3	9.33	-2.27	121.84	42.7011	-9.4221	-3.4979
280	SLD 4	10.38	-2.5	121.63	42.6371	-9.413	-3.887
280	SLD 5	1.11	4.75	127.62	44.5448	-10.0186	-0.0583
280	SLD 6	1.81	4.61	127.48	44.5027	-10.0126	-0.3145
280	SLD 7	1.67	-6.26	120.8	42.5546	-9.4385	-0.9999
280	SLD 8	2.36	-6.41	120.66	42.5125	-9.4325	-1.2561
280	SLD 9	-5.77	4.67	128.81	45.0257	-10.208	2.4223
280	SLD 10	-5.08	4.52	128.67	44.9835	-10.202	2.1661
280	SLD 11	-5.21	-6.35	121.99	43.0355	-9.6279	1.4807
280	SLD 12	-4.52	-6.49	121.85	42.9933	-9.6219	1.2245
280	SLD 13	-13.79	0.76	127.84	44.901	-10.2275	5.0533
280	SLD 14	-12.74	0.53	127.63	44.837	-10.2184	4.6642
280	SLD 15	-13.62	-2.55	125.8	44.304	-10.0535	4.7708
280	SLD 16	-12.57	-2.77	125.59	44.2399	-10.0444	4.3817
280	SLV 1	23.72	3.45	122.66	42.6451	-9.2894	-8.3148
280	SLV 2	26.17	2.93	122.17	42.496	-9.2682	-9.2208
280	SLV 3	24.11	-4.04	118.03	41.2908	-8.8947	-8.9567
280	SLV 4	26.56	-4.56	117.54	41.1417	-8.8735	-9.8627
280	SLV 5	4.91	11.88	131.23	45.5119	-10.2633	-0.9555
280	SLV 6	6.49	11.54	130.91	45.4154	-10.2496	-1.5417
280	SLV 7	6.21	-13.09	115.78	40.9973	-8.9476	-3.0951
280	SLV 8	7.79	-13.43	115.46	40.9008	-8.9339	-3.6814
280	SLV 9	-11.2	11.69	134.01	46.6373	-10.7066	4.8476
280	SLV 10	-9.62	11.35	133.69	46.5408	-10.6929	4.2614
280	SLV 11	-9.9	-13.28	118.56	42.1227	-9.3909	2.708
280	SLV 12	-8.32	-13.62	118.24	42.0262	-9.3772	2.1217
280	SLV 13	-29.97	2.82	131.93	46.3965	-10.767	11.029
280	SLV 14	-27.52	2.3	131.44	46.2474	-10.7458	10.1229
280	SLV 15	-29.58	-4.67	127.3	45.0421	-10.3723	10.3871
280	SLV 16	-27.13	-5.19	126.81	44.893	-10.3511	9.481
280	CRTFP Ux+	0	0	0	0	0	0
280	CRTFP Ux-	0	0	0	0	0	0
280	CRTFP Uy+	0	0	0	0	0	0
280	CRTFP Uy-	0	0	0	0	0	0
283	SLU 1	-0.39	-0.17	28.76	8.6088	3.851	0.1518
283	SLU 2	-0.36	-0.15	28.82	8.6256	3.8593	0.1401
283	SLU 3	-0.4	-0.17	29.44	8.8124	3.942	0.1546
283	SLU 4	-0.39	-0.15	29.48	8.8225	3.947	0.1476
283	SLU 5	-0.37	-0.15	29.27	8.7577	3.9187	0.1425
283	SLU 6	-0.41	-0.17	29.88	8.9445	4.0014	0.1571



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
283	SLU 7	-0.39	-0.15	29.92	8.9546	4.0064	0.15
283	SLU 8	-0.4	-0.18	29.65	8.8729	3.9698	0.1567
283	SLU 9	-0.39	-0.16	29.69	8.883	3.9748	0.1497
283	SLU 10	-0.38	-0.13	32.36	9.6894	4.3328	0.1446
283	SLU 11	-0.42	-0.15	32.98	9.8762	4.4155	0.1592
283	SLU 12	-0.41	-0.13	33.02	9.8863	4.4205	0.1522
283	SLU 13	-0.39	-0.13	32.81	9.8215	4.3921	0.1471
283	SLU 14	-0.43	-0.15	33.43	10.0083	4.4749	0.1617
283	SLU 15	-0.41	-0.14	33.46	10.0184	4.4798	0.1546
283	SLU 16	-0.42	-0.16	33.19	9.9368	4.4432	0.1613
283	SLU 17	-0.41	-0.14	33.23	9.9468	4.4482	0.1543
283	SLU 18	-0.42	-0.15	33.82	10.1285	4.5274	0.1583
283	SLU 19	-0.4	-0.13	33.86	10.1386	4.5323	0.1513
283	SLU 20	-0.43	-0.15	34.26	10.2606	4.5867	0.1608
283	SLU 21	-0.41	-0.13	34.3	10.2707	4.5917	0.1538
283	SLU 22	-0.44	-0.11	31.77	9.5125	4.2535	0.1597
283	SLU 23	-0.41	-0.09	31.83	9.5293	4.2618	0.148
283	SLU 24	-0.45	-0.11	32.45	9.7161	4.3445	0.1626
283	SLU 25	-0.43	-0.09	32.49	9.7262	4.3495	0.1555
283	SLU 26	-0.42	-0.09	32.28	9.6613	4.3212	0.1505
283	SLU 27	-0.46	-0.11	32.89	9.8482	4.4039	0.165
283	SLU 28	-0.44	-0.09	32.93	9.8582	4.4089	0.158
283	SLU 29	-0.45	-0.12	32.66	9.7766	4.3723	0.1646
283	SLU 30	-0.44	-0.1	32.69	9.7867	4.3773	0.1576
283	SLU 31	-0.43	-0.07	35.37	10.5931	4.7353	0.1526
283	SLU 32	-0.47	-0.09	35.99	10.7799	4.818	0.1671
283	SLU 33	-0.45	-0.08	36.03	10.79	4.823	0.1601
283	SLU 34	-0.44	-0.07	35.82	10.7252	4.7947	0.1551
283	SLU 35	-0.48	-0.09	36.43	10.912	4.8774	0.1696
283	SLU 36	-0.46	-0.08	36.47	10.9221	4.8823	0.1626
283	SLU 37	-0.47	-0.1	36.2	10.8404	4.8457	0.1692
283	SLU 38	-0.46	-0.09	36.23	10.8505	4.8507	0.1622
283	SLU 39	-0.47	-0.09	36.83	11.0322	4.9299	0.1663
283	SLU 40	-0.45	-0.07	36.86	11.0423	4.9349	0.1593
283	SLU 41	-0.47	-0.09	37.27	11.1643	4.9892	0.1688
283	SLU 42	-0.46	-0.08	37.31	11.1744	4.9942	0.1617
283	SLU 43	-0.49	-0.24	36.36	10.8816	4.8683	0.1946
283	SLU 44	-0.47	-0.22	36.42	10.8984	4.8766	0.1829
283	SLU 45	-0.5	-0.24	37.04	11.0852	4.9593	0.1974
283	SLU 46	-0.49	-0.22	37.07	11.0953	4.9643	0.1904
283	SLU 47	-0.47	-0.22	36.86	11.0305	4.936	0.1853
283	SLU 48	-0.51	-0.24	37.48	11.2173	5.0187	0.1999
283	SLU 49	-0.49	-0.22	37.52	11.2274	5.0237	0.1928
283	SLU 50	-0.5	-0.25	37.24	11.1457	4.9871	0.1995
283	SLU 51	-0.49	-0.23	37.28	11.1558	4.9921	0.1925
283	SLU 52	-0.49	-0.2	39.96	11.9622	5.3501	0.1875
283	SLU 53	-0.52	-0.22	40.58	12.149	5.4328	0.202
283	SLU 54	-0.51	-0.21	40.62	12.1591	5.4378	0.195
283	SLU 55	-0.49	-0.2	40.4	12.0943	5.4095	0.1899
283	SLU 56	-0.53	-0.22	41.02	12.2811	5.4922	0.2045
283	SLU 57	-0.51	-0.21	41.06	12.2912	5.4971	0.1974
283	SLU 58	-0.52	-0.23	40.79	12.2096	5.4605	0.2041
283	SLU 59	-0.51	-0.22	40.82	12.2196	5.4655	0.1971
283	SLU 60	-0.52	-0.22	41.42	12.4014	5.5447	0.2011
283	SLU 61	-0.5	-0.2	41.45	12.4114	5.5497	0.1941
283	SLU 62	-0.53	-0.22	41.86	12.5334	5.604	0.2036
283	SLU 63	-0.51	-0.21	41.9	12.5435	5.609	0.1966
283	SLU 64	-0.54	-0.18	39.37	11.7853	5.2708	0.2025
283	SLU 65	-0.51	-0.16	39.43	11.8021	5.2791	0.1908
283	SLU 66	-0.55	-0.18	40.05	11.9889	5.3618	0.2054
283	SLU 67	-0.53	-0.16	40.08	11.999	5.3668	0.1983
283	SLU 68	-0.52	-0.16	39.87	11.9341	5.3385	0.1933
283	SLU 69	-0.56	-0.18	40.49	12.121	5.4212	0.2078
283	SLU 70	-0.54	-0.17	40.53	12.131	5.4262	0.2008
283	SLU 71	-0.55	-0.19	40.25	12.0494	5.3896	0.2075
283	SLU 72	-0.54	-0.17	40.29	12.0595	5.3946	0.2004
283	SLU 73	-0.53	-0.14	42.97	12.8659	5.7526	0.1954
283	SLU 74	-0.57	-0.16	43.59	13.0527	5.8353	0.21
283	SLU 75	-0.55	-0.15	43.62	13.0628	5.8403	0.2029
283	SLU 76	-0.54	-0.14	43.41	12.998	5.812	0.1979
283	SLU 77	-0.58	-0.16	44.03	13.1848	5.8947	0.2124
283	SLU 78	-0.56	-0.15	44.07	13.1949	5.8996	0.2054
283	SLU 79	-0.57	-0.17	43.79	13.1132	5.863	0.212
283	SLU 80	-0.56	-0.16	43.83	13.1233	5.868	0.205
283	SLU 81	-0.57	-0.16	44.42	13.305	5.9472	0.2091
283	SLU 82	-0.55	-0.14	44.46	13.3151	5.9522	0.2021
283	SLU 83	-0.57	-0.16	44.87	13.4371	6.0066	0.2116
283	SLU 84	-0.56	-0.15	44.9	13.4472	6.0115	0.2045
283	SLE RA 1	-0.4	-0.15	29.62	8.867	3.966	0.1541
283	SLE RA 2	-0.39	-0.14	29.66	8.8782	3.9716	0.1462
283	SLE RA 3	-0.41	-0.15	30.07	9.0027	4.0267	0.1559
283	SLE RA 4	-0.4	-0.14	30.1	9.0095	4.03	0.1512
283	SLE RA 5	-0.39	-0.14	29.96	8.9662	4.0111	0.1479
283	SLE RA 6	-0.42	-0.15	30.37	9.0908	4.0663	0.1576
283	SLE RA 7	-0.4	-0.14	30.39	9.0975	4.0696	0.1529
283	SLE RA 8	-0.41	-0.16	30.21	9.0431	4.0452	0.1573
283	SLE RA 9	-0.4	-0.15	30.24	9.0498	4.0485	0.1526
283	SLE RA 10	-0.4	-0.13	32.02	9.5874	4.2872	0.1493
283	SLE RA 11	-0.42	-0.14	32.43	9.712	4.3423	0.159



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
283	SLE RA 12	-0.41	-0.13	32.46	9.7187	4.3456	0.1543
283	SLE RA 13	-0.4	-0.13	32.32	9.6754	4.3268	0.1509
283	SLE RA 14	-0.43	-0.14	32.73	9.8	4.3819	0.1606
283	SLE RA 15	-0.42	-0.13	32.75	9.8067	4.3852	0.1559
283	SLE RA 16	-0.43	-0.15	32.57	9.7523	4.3608	0.1604
283	SLE RA 17	-0.42	-0.14	32.6	9.759	4.3641	0.1557
283	SLE RA 18	-0.42	-0.14	32.99	9.8802	4.4169	0.1584
283	SLE RA 19	-0.41	-0.13	33.02	9.8869	4.4202	0.1537
283	SLE RA 20	-0.43	-0.14	33.29	9.9682	4.4565	0.1601
283	SLE RA 21	-0.42	-0.13	33.31	9.9749	4.4598	0.1554
283	SLE FR 1	-0.4	-0.15	29.62	8.867	3.966	0.1541
283	SLE FR 2	-0.4	-0.15	29.63	8.8692	3.9671	0.1525
283	SLE FR 3	-0.41	-0.15	29.74	8.9022	3.9819	0.1547
283	SLE FR 4	-0.41	-0.15	30.64	9.1732	4.1024	0.1538
283	SLE FR 5	-0.41	-0.15	30.75	9.2062	4.1171	0.156
283	SLE FR 6	-0.41	-0.15	31.31	9.3736	4.1915	0.1562
283	SLE QP 1	-0.4	-0.15	29.62	8.867	3.966	0.1541
283	SLE QP 2	-0.41	-0.15	30.63	9.1709	4.1013	0.1554
283	SLD 1	2.17	0.32	30.29	8.9978	4.0584	-0.7374
283	SLD 2	2.42	0.28	30.24	8.9878	4.0521	-0.8123
283	SLD 3	2.21	-0.46	29.76	8.8887	3.9881	-0.6412
283	SLD 4	2.46	-0.5	29.71	8.8786	3.9817	-0.7162
283	SLD 5	0.26	1.19	31.33	9.2864	4.1962	-0.2449
283	SLD 6	0.42	1.16	31.3	9.2798	4.192	-0.2943
283	SLD 7	0.39	-1.43	29.58	8.9225	3.9618	0.0757
283	SLD 8	0.56	-1.45	29.55	8.9159	3.9576	0.0264
283	SLD 9	-1.38	1.16	31.71	9.426	4.245	0.2844
283	SLD 10	-1.21	1.13	31.68	9.4194	4.2408	0.235
283	SLD 11	-1.24	-1.46	29.96	9.0621	4.0105	0.605
283	SLD 12	-1.08	-1.49	29.93	9.0555	4.0063	0.5556
283	SLD 13	-3.28	0.21	31.55	9.4632	4.2209	1.0269
283	SLD 14	-3.03	0.17	31.5	9.4532	4.2145	0.9519
283	SLD 15	-3.24	-0.58	31.02	9.3541	4.1505	1.1231
283	SLD 16	-2.99	-0.62	30.98	9.3441	4.1442	1.0481
283	SLV 1	5.62	0.93	29.81	8.7619	3.9984	-1.9299
283	SLV 2	6.21	0.83	29.7	8.7385	3.9835	-2.1045
283	SLV 3	5.72	-0.86	28.61	8.514	3.8389	-1.712
283	SLV 4	6.3	-0.95	28.51	8.4907	3.8241	-1.8866
283	SLV 5	1.15	2.89	32.21	9.4282	4.3148	-0.7705
283	SLV 6	1.53	2.83	32.14	9.4131	4.3052	-0.8834
283	SLV 7	1.47	-3.05	28.24	8.602	3.7833	-0.044
283	SLV 8	1.85	-3.11	28.17	8.5869	3.7737	-0.157
283	SLV 9	-2.67	2.81	33.1	9.755	4.4288	0.4677
283	SLV 10	-2.29	2.75	33.03	9.7399	4.4193	0.3547
283	SLV 11	-2.35	-3.13	29.12	8.9288	3.8974	1.1941
283	SLV 12	-1.97	-3.19	29.05	8.9137	3.8878	1.0812
283	SLV 13	-7.12	0.66	32.76	9.8512	4.3785	2.1973
283	SLV 14	-6.54	0.56	32.65	9.8279	4.3637	2.0227
283	SLV 15	-7.03	-1.13	31.56	9.6033	4.219	2.4152
283	SLV 16	-6.44	-1.22	31.46	9.58	4.2042	2.2406
283	CRTFP Ux+	0	0	0	0	0	0
283	CRTFP Ux-	0	0	0	0	0	0
283	CRTFP Uy+	0	0	0	0	0	0
283	CRTFP Uy-	0	0	0	0	0	0
285	SLU 1	0.57	-0.47	78.3	9.0225	13.6531	-0.0175
285	SLU 2	0.52	-0.37	78.47	9.0381	13.6898	-0.0269
285	SLU 3	0.59	-0.46	80.16	9.2366	13.9795	-0.0223
285	SLU 4	0.56	-0.4	80.27	9.246	14.0015	-0.028
285	SLU 5	0.53	-0.53	79.65	9.1719	13.8974	-0.0272
285	SLU 6	0.59	-0.46	81.34	9.3704	14.1871	-0.0226
285	SLU 7	0.56	-0.4	81.44	9.3798	14.2091	-0.0283
285	SLU 8	0.58	-0.48	80.66	9.29	14.0683	-0.0181
285	SLU 9	0.55	-0.42	80.76	9.2994	14.0903	-0.0238
285	SLU 10	0.56	-0.29	88.18	10.161	15.4008	-0.0491
285	SLU 11	0.62	-0.37	89.87	10.3595	15.6905	-0.0445
285	SLU 12	0.59	-0.31	89.97	10.3689	15.7125	-0.0502
285	SLU 13	0.56	-0.29	89.36	10.2947	15.6084	-0.0494
285	SLU 14	0.62	-0.38	91.05	10.4932	15.8981	-0.0448
285	SLU 15	0.59	-0.32	91.15	10.5026	15.9201	-0.0505
285	SLU 16	0.62	-0.39	90.37	10.4128	15.7794	-0.0403
285	SLU 17	0.59	-0.34	90.47	10.4222	15.8014	-0.046
285	SLU 18	0.62	-0.35	92.17	10.6266	16.0974	-0.0492
285	SLU 19	0.59	-0.29	92.27	10.636	16.1194	-0.0549
285	SLU 20	0.62	-0.35	93.35	10.7603	16.3051	-0.0496
285	SLU 21	0.59	-0.29	93.45	10.7697	16.327	-0.0552
285	SLU 22	0.67	-0.32	86.63	9.9921	15.1003	-0.0582
285	SLU 23	0.62	-0.22	86.8	10.0078	15.1369	-0.0676
285	SLU 24	0.68	-0.31	88.49	10.2063	15.4267	-0.063
285	SLU 25	0.65	-0.25	88.59	10.2157	15.4486	-0.0687
285	SLU 26	0.63	-0.23	87.98	10.1415	15.3445	-0.0679
285	SLU 27	0.69	-0.32	89.67	10.34	15.6343	-0.0634
285	SLU 28	0.66	-0.26	89.77	10.3494	15.6562	-0.069
285	SLU 29	0.68	-0.33	88.99	10.2596	15.5155	-0.0589
285	SLU 30	0.65	-0.27	89.09	10.269	15.5375	-0.0645
285	SLU 31	0.65	-0.14	96.51	11.1307	16.848	-0.0898
285	SLU 32	0.72	-0.23	98.2	11.3291	17.1377	-0.0852
285	SLU 33	0.69	-0.17	98.3	11.3385	17.1597	-0.0909
285	SLU 34	0.66	-0.14	97.68	11.2644	17.0556	-0.0901
285	SLU 35	0.72	-0.23	99.38	11.4629	17.3453	-0.0856



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
285	SLU 36	0.69	-0.17	99.48	11.4723	17.3673	-0.0912
285	SLU 37	0.71	-0.25	98.69	11.3825	17.2265	-0.0811
285	SLU 38	0.68	-0.19	98.79	11.3919	17.2485	-0.0867
285	SLU 39	0.72	-0.2	100.5	11.5962	17.5446	-0.09
285	SLU 40	0.69	-0.14	100.6	11.6056	17.5666	-0.0956
285	SLU 41	0.72	-0.21	101.68	11.73	17.7522	-0.0903
285	SLU 42	0.69	-0.15	101.78	11.7394	17.7742	-0.0959
285	SLU 43	0.71	-0.66	98.94	11.3968	17.2529	-0.0088
285	SLU 44	0.66	-0.56	99.11	11.4124	17.2895	-0.0182
285	SLU 45	0.73	-0.65	100.8	11.6109	17.5793	-0.0136
285	SLU 46	0.7	-0.59	100.9	11.6203	17.6012	-0.0193
285	SLU 47	0.67	-0.57	100.29	11.5462	17.4971	-0.0185
285	SLU 48	0.73	-0.65	101.98	11.7447	17.7869	-0.0139
285	SLU 49	0.7	-0.59	102.08	11.7541	17.8088	-0.0196
285	SLU 50	0.72	-0.67	101.3	11.6643	17.6681	-0.0095
285	SLU 51	0.69	-0.61	101.4	11.6737	17.6901	-0.0151
285	SLU 52	0.69	-0.48	108.82	12.5353	19.0006	-0.0404
285	SLU 53	0.76	-0.56	110.51	12.7338	19.2903	-0.0358
285	SLU 54	0.73	-0.5	110.61	12.7432	19.3123	-0.0415
285	SLU 55	0.7	-0.48	109.99	12.669	19.2082	-0.0407
285	SLU 56	0.76	-0.57	111.69	12.8675	19.4979	-0.0361
285	SLU 57	0.73	-0.51	111.79	12.8769	19.5199	-0.0418
285	SLU 58	0.75	-0.59	111	12.7871	19.3791	-0.0317
285	SLU 59	0.72	-0.53	111.11	12.7965	19.4011	-0.0373
285	SLU 60	0.76	-0.54	112.81	13.0009	19.6972	-0.0406
285	SLU 61	0.73	-0.48	112.91	13.0103	19.7192	-0.0462
285	SLU 62	0.76	-0.54	113.99	13.1346	19.9048	-0.0409
285	SLU 63	0.73	-0.48	114.09	13.144	19.9268	-0.0465
285	SLU 64	0.81	-0.51	107.27	12.3664	18.7001	-0.0495
285	SLU 65	0.76	-0.41	107.43	12.3821	18.7367	-0.0589
285	SLU 66	0.82	-0.5	109.13	12.5806	19.0264	-0.0544
285	SLU 67	0.79	-0.44	109.23	12.59	19.0484	-0.06
285	SLU 68	0.76	-0.42	108.61	12.5158	18.9443	-0.0592
285	SLU 69	0.83	-0.51	110.3	12.7143	19.234	-0.0547
285	SLU 70	0.8	-0.45	110.41	12.7237	19.256	-0.0603
285	SLU 71	0.82	-0.52	109.62	12.6339	19.1153	-0.0502
285	SLU 72	0.79	-0.47	109.72	12.6433	19.1373	-0.0558
285	SLU 73	0.79	-0.33	117.14	13.5049	20.4477	-0.0811
285	SLU 74	0.86	-0.42	118.83	13.7034	20.7374	-0.0766
285	SLU 75	0.83	-0.36	118.94	13.7128	20.7594	-0.0822
285	SLU 76	0.8	-0.34	118.32	13.6387	20.6553	-0.0814
285	SLU 77	0.86	-0.42	120.01	13.8372	20.9451	-0.0769
285	SLU 78	0.83	-0.36	120.11	13.8466	20.967	-0.0825
285	SLU 79	0.85	-0.44	119.33	13.7568	20.8263	-0.0724
285	SLU 80	0.82	-0.38	119.43	13.7662	20.8483	-0.078
285	SLU 81	0.85	-0.39	121.13	13.9705	21.1444	-0.0813
285	SLU 82	0.82	-0.33	121.24	13.9799	21.1664	-0.0869
285	SLU 83	0.86	-0.4	122.31	14.1043	21.352	-0.0816
285	SLU 84	0.83	-0.34	122.41	14.1137	21.374	-0.0872
285	SLE RA 1	0.6	-0.43	80.68	9.2995	14.0666	-0.0292
285	SLE RA 2	0.57	-0.36	80.79	9.31	14.091	-0.0354
285	SLE RA 3	0.61	-0.42	81.92	9.4423	14.2842	-0.0324
285	SLE RA 4	0.59	-0.38	81.99	9.4485	14.2988	-0.0361
285	SLE RA 5	0.57	-0.37	81.58	9.3991	14.2294	-0.0356
285	SLE RA 6	0.61	-0.42	82.71	9.5315	14.4226	-0.0326
285	SLE RA 7	0.59	-0.38	82.78	9.5377	14.4372	-0.0363
285	SLE RA 8	0.61	-0.43	82.25	9.4779	14.3434	-0.0296
285	SLE RA 9	0.59	-0.4	82.32	9.4841	14.3581	-0.0333
285	SLE RA 10	0.59	-0.3	87.27	10.0585	15.2317	-0.0502
285	SLE RA 11	0.63	-0.36	88.39	10.1909	15.4249	-0.0472
285	SLE RA 12	0.61	-0.32	88.46	10.1971	15.4395	-0.0509
285	SLE RA 13	0.59	-0.31	88.05	10.1477	15.3701	-0.0504
285	SLE RA 14	0.64	-0.37	89.18	10.28	15.5633	-0.0474
285	SLE RA 15	0.62	-0.33	89.25	10.2863	15.5779	-0.0511
285	SLE RA 16	0.63	-0.38	88.73	10.2264	15.4841	-0.0444
285	SLE RA 17	0.61	-0.34	88.79	10.2327	15.4988	-0.0481
285	SLE RA 18	0.63	-0.35	89.93	10.3689	15.6961	-0.0503
285	SLE RA 19	0.61	-0.31	90	10.3752	15.7108	-0.0541
285	SLE RA 20	0.63	-0.35	90.71	10.4581	15.8346	-0.0505
285	SLE RA 21	0.61	-0.31	90.78	10.4644	15.8492	-0.0543
285	SLE FR 1	0.6	-0.43	80.68	9.2995	14.0666	-0.0292
285	SLE FR 2	0.59	-0.41	80.71	9.3016	14.0715	-0.0304
285	SLE FR 3	0.6	-0.43	81	9.3352	14.122	-0.0292
285	SLE FR 4	0.6	-0.39	83.48	9.6224	14.5604	-0.0368
285	SLE FR 5	0.61	-0.4	83.77	9.656	14.6108	-0.0356
285	SLE FR 6	0.62	-0.39	85.31	9.8342	14.8814	-0.0397
285	SLE QP 1	0.6	-0.43	80.68	9.2995	14.0666	-0.0292
285	SLE QP 2	0.61	-0.4	83.46	9.6204	14.5555	-0.0355
285	SLD 1	8.24	0.53	83.81	9.6331	14.7953	-1.1021
285	SLD 2	8.96	0.61	84	9.6537	14.8162	-1.1936
285	SLD 3	8.09	-1.66	82.21	9.5254	14.4698	-0.7011
285	SLD 4	8.81	-1.58	82.39	9.546	14.4908	-0.7925
285	SLD 5	2.99	3.19	85.96	9.7839	15.1172	-0.9473
285	SLD 6	3.47	3.25	86.08	9.7974	15.131	-1.0075
285	SLD 7	2.5	-4.13	80.62	9.4248	14.0324	0.3894
285	SLD 8	2.98	-4.07	80.74	9.4383	14.0462	0.3292
285	SLD 9	-1.76	3.27	86.17	9.8024	15.0647	-0.4002
285	SLD 10	-1.28	3.32	86.3	9.8159	15.0785	-0.4605
285	SLD 11	-2.25	-4.05	80.83	9.4433	13.9799	0.9365



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
285	SLD 12	-1.77	-4	80.95	9.4568	13.9937	0.8763
285	SLD 13	-7.59	0.78	84.52	9.6947	14.6202	0.7215
285	SLD 14	-6.87	0.86	84.7	9.7153	14.6411	0.63
285	SLD 15	-7.74	-1.42	82.91	9.587	14.2947	1.1226
285	SLD 16	-7.02	-1.34	83.1	9.6076	14.3157	1.0311
285	SLV 1	18.46	1.71	84.24	9.647	15.1049	-2.5165
285	SLV 2	20.13	1.89	84.67	9.6948	15.1537	-2.7295
285	SLV 3	18.12	-3.27	80.6	9.4023	14.3673	-1.6075
285	SLV 4	19.8	-3.09	81.03	9.4501	14.4161	-1.8206
285	SLV 5	6.18	7.75	89.13	9.9912	15.8305	-2.1214
285	SLV 6	7.27	7.87	89.41	10.0222	15.8621	-2.2593
285	SLV 7	5.06	-8.85	77.01	9.1755	13.3719	0.9084
285	SLV 8	6.15	-8.73	77.29	9.2064	13.4034	0.7706
285	SLV 9	-4.93	7.92	89.62	10.0343	15.7075	-0.8416
285	SLV 10	-3.84	8.04	89.9	10.0652	15.7391	-0.9795
285	SLV 11	-6.05	-8.67	77.51	9.2185	13.2488	2.1883
285	SLV 12	-4.96	-8.55	77.79	9.2495	13.2804	2.0504
285	SLV 13	-18.58	2.28	85.88	9.7906	14.6949	1.7496
285	SLV 14	-16.9	2.47	86.31	9.8384	14.7436	1.5365
285	SLV 15	-18.91	-2.7	82.25	9.5459	13.9572	2.6585
285	SLV 16	-17.24	-2.51	82.68	9.5937	14.006	2.4455
285	CRTFP Ux+	0	0	0	0	0	0
285	CRTFP Ux-	0	0	0	0	0	0
285	CRTFP Uy+	0	0	0	0	0	0
285	CRTFP Uy-	0	0	0	0	0	0
287	SLU 1	0.35	-0.36	41.37	12.2322	0.0278	-0.1116
287	SLU 2	0.32	-0.3	41.45	12.2509	0.0282	-0.1024
287	SLU 3	0.36	-0.36	42.35	12.5213	0.0286	-0.1146
287	SLU 4	0.34	-0.32	42.39	12.5324	0.0288	-0.1091
287	SLU 5	0.32	-0.31	42.06	12.4316	0.0287	-0.1036
287	SLU 6	0.36	-0.36	42.97	12.702	0.0291	-0.1158
287	SLU 7	0.34	-0.33	43.01	12.7132	0.0293	-0.1103
287	SLU 8	0.35	-0.37	42.61	12.5938	0.0288	-0.114
287	SLU 9	0.34	-0.34	42.65	12.605	0.029	-0.1085
287	SLU 10	0.34	-0.27	46.52	13.7595	0.0328	-0.1095
287	SLU 11	0.38	-0.32	47.43	14.0299	0.0332	-0.1217
287	SLU 12	0.36	-0.29	47.47	14.0411	0.0334	-0.1162
287	SLU 13	0.34	-0.27	47.14	13.9403	0.0333	-0.1107
287	SLU 14	0.38	-0.33	48.05	14.2107	0.0337	-0.1229
287	SLU 15	0.36	-0.29	48.09	14.2219	0.0339	-0.1174
287	SLU 16	0.37	-0.34	47.69	14.1025	0.0335	-0.1211
287	SLU 17	0.36	-0.3	47.73	14.1136	0.0337	-0.1156
287	SLU 18	0.38	-0.31	48.63	14.3875	0.0344	-0.1218
287	SLU 19	0.36	-0.28	48.67	14.3986	0.0346	-0.1162
287	SLU 20	0.38	-0.32	49.25	14.5682	0.0349	-0.1229
287	SLU 21	0.36	-0.28	49.29	14.5794	0.0351	-0.1174
287	SLU 22	0.4	-0.29	45.78	13.5438	0.031	-0.1298
287	SLU 23	0.37	-0.23	45.85	13.5624	0.0313	-0.1206
287	SLU 24	0.41	-0.29	46.76	13.8328	0.0317	-0.1328
287	SLU 25	0.39	-0.26	46.8	13.8439	0.0319	-0.1273
287	SLU 26	0.38	-0.24	46.47	13.7432	0.0318	-0.1218
287	SLU 27	0.42	-0.3	47.37	14.0136	0.0322	-0.134
287	SLU 28	0.4	-0.26	47.42	14.0247	0.0325	-0.1285
287	SLU 29	0.41	-0.3	47.01	13.9053	0.032	-0.1322
287	SLU 30	0.39	-0.27	47.05	13.9165	0.0322	-0.1267
287	SLU 31	0.4	-0.2	50.93	15.071	0.0359	-0.1277
287	SLU 32	0.43	-0.26	51.84	15.3414	0.0364	-0.1399
287	SLU 33	0.42	-0.22	51.88	15.3526	0.0366	-0.1344
287	SLU 34	0.4	-0.21	51.55	15.2518	0.0364	-0.1289
287	SLU 35	0.44	-0.26	52.45	15.5222	0.0369	-0.1411
287	SLU 36	0.42	-0.23	52.49	15.5334	0.0371	-0.1356
287	SLU 37	0.43	-0.27	52.09	15.414	0.0366	-0.1393
287	SLU 38	0.41	-0.24	52.13	15.4251	0.0368	-0.1338
287	SLU 39	0.43	-0.25	53.04	15.699	0.0376	-0.14
287	SLU 40	0.42	-0.21	53.08	15.7101	0.0378	-0.1344
287	SLU 41	0.44	-0.25	53.65	15.8798	0.0381	-0.1411
287	SLU 42	0.42	-0.22	53.69	15.8909	0.0383	-0.1356
287	SLU 43	0.43	-0.49	52.28	15.4522	0.0351	-0.1389
287	SLU 44	0.4	-0.43	52.35	15.4709	0.0354	-0.1296
287	SLU 45	0.44	-0.49	53.25	15.7413	0.0359	-0.1418
287	SLU 46	0.42	-0.45	53.3	15.7524	0.0361	-0.1363
287	SLU 47	0.41	-0.44	52.96	15.6516	0.0359	-0.1308
287	SLU 48	0.44	-0.49	53.87	15.922	0.0364	-0.143
287	SLU 49	0.43	-0.46	53.91	15.9332	0.0366	-0.1375
287	SLU 50	0.44	-0.5	53.51	15.8138	0.0361	-0.1412
287	SLU 51	0.42	-0.47	53.55	15.825	0.0363	-0.1357
287	SLU 52	0.42	-0.4	57.43	16.9795	0.0401	-0.1367
287	SLU 53	0.46	-0.45	58.33	17.2499	0.0405	-0.1489
287	SLU 54	0.44	-0.42	58.37	17.2611	0.0407	-0.1434
287	SLU 55	0.43	-0.4	58.04	17.1603	0.0406	-0.1379
287	SLU 56	0.46	-0.46	58.95	17.4307	0.041	-0.1501
287	SLU 57	0.45	-0.43	58.99	17.4419	0.0412	-0.1446
287	SLU 58	0.46	-0.47	58.59	17.3225	0.0407	-0.1483
287	SLU 59	0.44	-0.43	58.63	17.3336	0.0409	-0.1428
287	SLU 60	0.46	-0.44	59.53	17.6075	0.0417	-0.149
287	SLU 61	0.44	-0.41	59.57	17.6186	0.0419	-0.1435
287	SLU 62	0.46	-0.45	60.15	17.7882	0.0422	-0.1502
287	SLU 63	0.45	-0.41	60.19	17.7994	0.0424	-0.1447
287	SLU 64	0.49	-0.42	56.68	16.7638	0.0382	-0.1571



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
287	SLU 65	0.46	-0.37	56.75	16.7824	0.0386	-0.1478
287	SLU 66	0.5	-0.42	57.66	17.0528	0.039	-0.16
287	SLU 67	0.48	-0.39	57.7	17.064	0.0392	-0.1545
287	SLU 68	0.46	-0.37	57.37	16.9632	0.0391	-0.149
287	SLU 69	0.5	-0.43	58.27	17.2336	0.0395	-0.1612
287	SLU 70	0.48	-0.39	58.32	17.2447	0.0397	-0.1557
287	SLU 71	0.49	-0.43	57.91	17.1253	0.0392	-0.1594
287	SLU 72	0.48	-0.4	57.96	17.1365	0.0394	-0.1539
287	SLU 73	0.48	-0.33	61.83	18.291	0.0432	-0.1549
287	SLU 74	0.52	-0.39	62.74	18.5614	0.0436	-0.1671
287	SLU 75	0.5	-0.35	62.78	18.5726	0.0439	-0.1616
287	SLU 76	0.48	-0.34	62.45	18.4718	0.0437	-0.1561
287	SLU 77	0.52	-0.39	63.35	18.7422	0.0442	-0.1683
287	SLU 78	0.5	-0.36	63.4	18.7534	0.0444	-0.1628
287	SLU 79	0.52	-0.4	62.99	18.634	0.0439	-0.1665
287	SLU 80	0.5	-0.37	63.04	18.6452	0.0441	-0.161
287	SLU 81	0.52	-0.38	63.94	18.919	0.0448	-0.1672
287	SLU 82	0.5	-0.34	63.98	18.9302	0.045	-0.1617
287	SLU 83	0.52	-0.38	64.55	19.0998	0.0453	-0.1684
287	SLU 84	0.5	-0.35	64.6	19.1109	0.0455	-0.1629
287	SLE RA 1	0.36	-0.34	42.63	12.607	0.0287	-0.1168
287	SLE RA 2	0.34	-0.3	42.68	12.6194	0.0289	-0.1107
287	SLE RA 3	0.37	-0.34	43.28	12.7996	0.0292	-0.1188
287	SLE RA 4	0.36	-0.32	43.31	12.8071	0.0294	-0.1151
287	SLE RA 5	0.35	-0.31	43.09	12.7399	0.0293	-0.1115
287	SLE RA 6	0.37	-0.34	43.7	12.9202	0.0296	-0.1196
287	SLE RA 7	0.36	-0.32	43.72	12.9276	0.0297	-0.1159
287	SLE RA 8	0.37	-0.35	43.45	12.848	0.0294	-0.1184
287	SLE RA 9	0.36	-0.32	43.48	12.8554	0.0295	-0.1147
287	SLE RA 10	0.36	-0.28	46.07	13.6251	0.032	-0.1154
287	SLE RA 11	0.38	-0.32	46.67	13.8054	0.0323	-0.1235
287	SLE RA 12	0.37	-0.29	46.7	13.8129	0.0325	-0.1198
287	SLE RA 13	0.36	-0.28	46.48	13.7457	0.0324	-0.1162
287	SLE RA 14	0.39	-0.32	47.08	13.9259	0.0327	-0.1243
287	SLE RA 15	0.37	-0.3	47.11	13.9334	0.0328	-0.1206
287	SLE RA 16	0.38	-0.33	46.84	13.8538	0.0325	-0.1231
287	SLE RA 17	0.37	-0.3	46.87	13.8612	0.0326	-0.1194
287	SLE RA 18	0.38	-0.31	47.47	14.0438	0.0331	-0.1236
287	SLE RA 19	0.37	-0.29	47.5	14.0512	0.0333	-0.1199
287	SLE RA 20	0.38	-0.31	47.88	14.1643	0.0335	-0.1244
287	SLE RA 21	0.37	-0.29	47.91	14.1717	0.0336	-0.1207
287	SLE FR 1	0.36	-0.34	42.63	12.607	0.0287	-0.1168
287	SLE FR 2	0.36	-0.33	42.64	12.6094	0.0288	-0.1156
287	SLE FR 3	0.36	-0.34	42.8	12.6552	0.0288	-0.1171
287	SLE FR 4	0.36	-0.32	44.09	13.0405	0.0301	-0.1176
287	SLE FR 5	0.37	-0.33	44.25	13.0862	0.0302	-0.1192
287	SLE FR 6	0.37	-0.33	45.05	13.3254	0.0309	-0.1202
287	SLE QP 1	0.36	-0.34	42.63	12.607	0.0287	-0.1168
287	SLE QP 2	0.37	-0.33	44.08	13.038	0.03	-0.1188
287	SLD 1	4.46	0.34	43.95	13.0251	0.0364	-1.3859
287	SLD 2	4.84	0.42	44.08	13.058	0.036	-1.5023
287	SLD 3	4.38	-0.83	43.24	12.879	0.035	-1.3587
287	SLD 4	4.76	-0.75	43.36	12.9119	0.0346	-1.4751
287	SLD 5	1.66	1.63	45.11	13.2499	0.0341	-0.5194
287	SLD 6	1.91	1.68	45.19	13.2716	0.0339	-0.5961
287	SLD 7	1.38	-2.27	42.72	12.7627	0.0295	-0.4286
287	SLD 8	1.63	-2.21	42.8	12.7844	0.0292	-0.5052
287	SLD 9	-0.89	1.55	45.37	13.2916	0.0308	0.2676
287	SLD 10	-0.64	1.61	45.45	13.3133	0.0306	0.1909
287	SLD 11	-1.17	-2.34	42.98	12.8044	0.0262	0.3584
287	SLD 12	-0.92	-2.29	43.06	12.8261	0.0259	0.2818
287	SLD 13	-4.02	0.09	44.81	13.1641	0.0254	1.2374
287	SLD 14	-3.64	0.17	44.93	13.197	0.025	1.121
287	SLD 15	-4.11	-1.08	44.09	13.018	0.024	1.2647
287	SLD 16	-3.73	-1	44.22	13.0509	0.0236	1.1482
287	SLV 1	9.95	1.19	43.75	13.0034	0.0449	-3.0831
287	SLV 2	10.83	1.38	44.04	13.08	0.044	-3.3542
287	SLV 3	9.76	-1.46	42.13	12.6715	0.0418	-3.0207
287	SLV 4	10.64	-1.27	42.41	12.7481	0.0409	-3.2918
287	SLV 5	3.38	4.11	46.41	13.5178	0.0395	-1.0556
287	SLV 6	3.95	4.23	46.59	13.5673	0.0389	-1.231
287	SLV 7	2.74	-4.72	40.98	12.4113	0.0289	-0.8478
287	SLV 8	3.31	-4.6	41.16	12.4608	0.0283	-1.0232
287	SLV 9	-2.57	3.93	47.01	13.6152	0.0317	0.7856
287	SLV 10	-2	4.06	47.19	13.6647	0.0312	0.6101
287	SLV 11	-3.22	-4.9	41.58	12.5087	0.0212	0.9933
287	SLV 12	-2.65	-4.77	41.76	12.5582	0.0206	0.8179
287	SLV 13	-9.9	0.6	45.76	13.3279	0.0192	3.0541
287	SLV 14	-9.02	0.79	46.04	13.4045	0.0183	2.783
287	SLV 15	-10.1	-2.04	44.13	12.996	0.016	3.1165
287	SLV 16	-9.21	-1.85	44.41	13.0726	0.0151	2.8454
287	CRTFP Ux+	0	0	0	0	0	0
287	CRTFP Ux-	0	0	0	0	0	0
287	CRTFP Uy+	0	0	0	0	0	0
287	CRTFP Uy-	0	0	0	0	0	0
288	SLU 1	0.36	-0.43	41.26	11.9983	0.0152	-0.1142
288	SLU 2	0.33	-0.37	41.31	12.0129	0.0156	-0.1048
288	SLU 3	0.37	-0.43	42.22	12.2802	0.0158	-0.1173
288	SLU 4	0.35	-0.4	42.26	12.289	0.016	-0.1117



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
288	SLU 5	0.33	-0.38	41.93	12.1893	0.0159	-0.106
288	SLU 6	0.37	-0.44	42.84	12.4566	0.0161	-0.1185
288	SLU 7	0.35	-0.4	42.87	12.4654	0.0163	-0.1129
288	SLU 8	0.37	-0.45	42.48	12.351	0.0159	-0.1167
288	SLU 9	0.35	-0.41	42.51	12.3598	0.0161	-0.111
288	SLU 10	0.35	-0.35	46.33	13.4779	0.0188	-0.112
288	SLU 11	0.39	-0.41	47.24	13.7452	0.0189	-0.1245
288	SLU 12	0.37	-0.37	47.28	13.754	0.0191	-0.1189
288	SLU 13	0.35	-0.35	46.94	13.6543	0.0191	-0.1133
288	SLU 14	0.39	-0.42	47.85	13.9216	0.0193	-0.1258
288	SLU 15	0.38	-0.38	47.89	13.9304	0.0195	-0.1201
288	SLU 16	0.39	-0.42	47.5	13.816	0.0191	-0.1239
288	SLU 17	0.37	-0.39	47.53	13.8248	0.0193	-0.1183
288	SLU 18	0.39	-0.4	48.42	14.0911	0.0198	-0.1245
288	SLU 19	0.37	-0.36	48.46	14.0999	0.02	-0.1189
288	SLU 20	0.39	-0.41	49.04	14.2675	0.0201	-0.1258
288	SLU 21	0.37	-0.37	49.07	14.2763	0.0203	-0.1201
288	SLU 22	0.42	-0.38	45.64	13.2829	0.017	-0.1327
288	SLU 23	0.39	-0.31	45.7	13.2975	0.0174	-0.1233
288	SLU 24	0.43	-0.38	46.61	13.5648	0.0176	-0.1358
288	SLU 25	0.41	-0.34	46.65	13.5736	0.0178	-0.1302
288	SLU 26	0.39	-0.32	46.31	13.4739	0.0177	-0.1245
288	SLU 27	0.43	-0.38	47.22	13.7412	0.0179	-0.1371
288	SLU 28	0.41	-0.34	47.26	13.75	0.0181	-0.1314
288	SLU 29	0.42	-0.39	46.86	13.6356	0.0177	-0.1352
288	SLU 30	0.41	-0.35	46.9	13.6444	0.0179	-0.1296
288	SLU 31	0.41	-0.29	50.72	14.7625	0.0206	-0.1305
288	SLU 32	0.45	-0.35	51.63	15.0298	0.0207	-0.143
288	SLU 33	0.43	-0.31	51.66	15.0386	0.0209	-0.1374
288	SLU 34	0.41	-0.3	51.33	14.9389	0.0209	-0.1318
288	SLU 35	0.45	-0.36	52.24	15.2062	0.021	-0.1443
288	SLU 36	0.43	-0.32	52.27	15.2149	0.0213	-0.1386
288	SLU 37	0.45	-0.37	51.88	15.1006	0.0209	-0.1424
288	SLU 38	0.43	-0.33	51.92	15.1094	0.0211	-0.1368
288	SLU 39	0.45	-0.34	52.81	15.3757	0.0216	-0.143
288	SLU 40	0.43	-0.3	52.85	15.3845	0.0218	-0.1374
288	SLU 41	0.45	-0.35	53.42	15.5521	0.0219	-0.1443
288	SLU 42	0.43	-0.31	53.46	15.5609	0.0221	-0.1386
288	SLU 43	0.45	-0.58	52.13	15.1574	0.0192	-0.1421
288	SLU 44	0.42	-0.52	52.19	15.172	0.0195	-0.1327
288	SLU 45	0.46	-0.58	53.1	15.4393	0.0197	-0.1452
288	SLU 46	0.44	-0.55	53.13	15.4481	0.0199	-0.1396
288	SLU 47	0.42	-0.53	52.8	15.3484	0.0199	-0.134
288	SLU 48	0.46	-0.59	53.71	15.6157	0.02	-0.1465
288	SLU 49	0.44	-0.55	53.74	15.6244	0.0202	-0.1408
288	SLU 50	0.45	-0.6	53.35	15.5101	0.0198	-0.1446
288	SLU 51	0.43	-0.56	53.39	15.5189	0.02	-0.139
288	SLU 52	0.44	-0.5	57.21	16.637	0.0227	-0.1399
288	SLU 53	0.48	-0.56	58.11	16.9043	0.0229	-0.1524
288	SLU 54	0.46	-0.52	58.15	16.9131	0.0231	-0.1468
288	SLU 55	0.44	-0.51	57.82	16.8133	0.023	-0.1412
288	SLU 56	0.48	-0.57	58.73	17.0807	0.0232	-0.1537
288	SLU 57	0.46	-0.53	58.76	17.0894	0.0234	-0.148
288	SLU 58	0.47	-0.57	58.37	16.9751	0.023	-0.1518
288	SLU 59	0.46	-0.54	58.4	16.9839	0.0232	-0.1462
288	SLU 60	0.48	-0.55	59.3	17.2502	0.0237	-0.1525
288	SLU 61	0.46	-0.51	59.33	17.259	0.0239	-0.1468
288	SLU 62	0.48	-0.56	59.91	17.4266	0.0241	-0.1537
288	SLU 63	0.46	-0.52	59.94	17.4354	0.0243	-0.148
288	SLU 64	0.5	-0.53	56.51	16.442	0.021	-0.1607
288	SLU 65	0.47	-0.46	56.57	16.4566	0.0213	-0.1512
288	SLU 66	0.51	-0.53	57.48	16.7239	0.0215	-0.1637
288	SLU 67	0.5	-0.49	57.52	16.7327	0.0217	-0.1581
288	SLU 68	0.48	-0.47	57.18	16.6329	0.0217	-0.1525
288	SLU 69	0.52	-0.53	58.09	16.9003	0.0218	-0.165
288	SLU 70	0.5	-0.5	58.13	16.909	0.022	-0.1593
288	SLU 71	0.51	-0.54	57.74	16.7947	0.0216	-0.1631
288	SLU 72	0.49	-0.5	57.77	16.8035	0.0218	-0.1575
288	SLU 73	0.5	-0.44	61.59	17.9216	0.0245	-0.1584
288	SLU 74	0.54	-0.5	62.5	18.1889	0.0247	-0.171
288	SLU 75	0.52	-0.46	62.54	18.1976	0.0249	-0.1653
288	SLU 76	0.5	-0.45	62.2	18.0979	0.0248	-0.1597
288	SLU 77	0.54	-0.51	63.11	18.3652	0.025	-0.1722
288	SLU 78	0.52	-0.47	63.15	18.374	0.0252	-0.1665
288	SLU 79	0.53	-0.52	62.75	18.2597	0.0248	-0.1704
288	SLU 80	0.52	-0.48	62.79	18.2684	0.025	-0.1647
288	SLU 81	0.54	-0.49	63.68	18.5348	0.0255	-0.171
288	SLU 82	0.52	-0.45	63.72	18.5436	0.0257	-0.1653
288	SLU 83	0.54	-0.5	64.29	18.7112	0.0259	-0.1722
288	SLU 84	0.52	-0.46	64.33	18.7199	0.0261	-0.1666
288	SLE RA 1	0.37	-0.42	42.51	12.3653	0.0158	-0.1195
288	SLE RA 2	0.35	-0.38	42.55	12.3751	0.016	-0.1132
288	SLE RA 3	0.38	-0.42	43.15	12.5533	0.0161	-0.1216
288	SLE RA 4	0.37	-0.39	43.18	12.5591	0.0162	-0.1178
288	SLE RA 5	0.36	-0.38	42.96	12.4927	0.0162	-0.1141
288	SLE RA 6	0.38	-0.42	43.56	12.6709	0.0163	-0.1224
288	SLE RA 7	0.37	-0.4	43.59	12.6767	0.0164	-0.1186
288	SLE RA 8	0.38	-0.43	43.32	12.6005	0.0162	-0.1212
288	SLE RA 9	0.37	-0.4	43.35	12.6063	0.0163	-0.1174



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
288	SLE RA 10	0.37	-0.36	45.89	13.3517	0.0181	-0.118
288	SLE RA 11	0.4	-0.4	46.5	13.5299	0.0182	-0.1264
288	SLE RA 12	0.38	-0.38	46.52	13.5358	0.0184	-0.1226
288	SLE RA 13	0.37	-0.36	46.3	13.4693	0.0183	-0.1189
288	SLE RA 14	0.4	-0.41	46.91	13.6475	0.0184	-0.1272
288	SLE RA 15	0.39	-0.38	46.93	13.6534	0.0186	-0.1234
288	SLE RA 16	0.39	-0.41	46.67	13.5771	0.0183	-0.126
288	SLE RA 17	0.38	-0.39	46.69	13.583	0.0184	-0.1222
288	SLE RA 18	0.4	-0.39	47.29	13.7606	0.0188	-0.1264
288	SLE RA 19	0.38	-0.37	47.31	13.7664	0.0189	-0.1226
288	SLE RA 20	0.4	-0.4	47.7	13.8781	0.019	-0.1272
288	SLE RA 21	0.39	-0.37	47.72	13.884	0.0191	-0.1234
288	SLE FR 1	0.37	-0.42	42.51	12.3653	0.0158	-0.1195
288	SLE FR 2	0.37	-0.41	42.52	12.3673	0.0158	-0.1183
288	SLE FR 3	0.38	-0.42	42.67	12.4124	0.0158	-0.1198
288	SLE FR 4	0.38	-0.4	43.95	12.7858	0.0167	-0.1203
288	SLE FR 5	0.38	-0.41	44.11	12.8309	0.0168	-0.1219
288	SLE FR 6	0.39	-0.41	44.9	13.0629	0.0173	-0.123
288	SLE QP 1	0.37	-0.42	42.51	12.3653	0.0158	-0.1195
288	SLE QP 2	0.38	-0.41	43.94	12.7839	0.0167	-0.1216
288	SLD 1	4.53	0.33	43.58	12.7139	0.0234	-1.3895
288	SLD 2	4.91	0.44	43.72	12.7507	0.023	-1.5062
288	SLD 3	4.44	-0.83	42.89	12.5845	0.0222	-1.3626
288	SLD 4	4.83	-0.73	43.03	12.6213	0.0218	-1.4793
288	SLD 5	1.69	1.56	44.85	12.9526	0.0206	-0.5218
288	SLD 6	1.94	1.63	44.94	12.9768	0.0204	-0.5986
288	SLD 7	1.4	-2.33	42.56	12.5212	0.0165	-0.4322
288	SLD 8	1.65	-2.26	42.65	12.5455	0.0162	-0.509
288	SLD 9	-0.89	1.44	45.23	13.0223	0.0171	0.2659
288	SLD 10	-0.64	1.5	45.32	13.0465	0.0168	0.1891
288	SLD 11	-1.18	-2.45	42.95	12.591	0.013	0.3555
288	SLD 12	-0.92	-2.38	43.04	12.6152	0.0127	0.2787
288	SLD 13	-4.06	-0.09	44.86	12.9465	0.0116	1.2361
288	SLD 14	-3.68	0.01	44.99	12.9833	0.0112	1.1195
288	SLD 15	-4.15	-1.26	44.17	12.8171	0.0103	1.263
288	SLD 16	-3.77	-1.16	44.31	12.8539	0.0099	1.1464
288	SLV 1	10.08	1.29	43.06	12.6163	0.0324	-3.0878
288	SLV 2	10.98	1.53	43.39	12.7019	0.0315	-3.3595
288	SLV 3	9.89	-1.35	41.51	12.3222	0.0296	-3.0263
288	SLV 4	10.78	-1.11	41.83	12.4079	0.0286	-3.298
288	SLV 5	3.43	4.07	45.98	13.1647	0.0258	-1.0576
288	SLV 6	4.01	4.23	46.19	13.2202	0.0252	-1.2334
288	SLV 7	2.78	-4.75	40.8	12.1845	0.0164	-0.8526
288	SLV 8	3.36	-4.59	41.01	12.24	0.0158	-1.0284
288	SLV 9	-2.6	3.77	46.88	13.3278	0.0175	0.7852
288	SLV 10	-2.02	3.93	47.09	13.3832	0.0169	0.6094
288	SLV 11	-3.25	-5.05	41.69	12.3476	0.0081	0.9902
288	SLV 12	-2.67	-4.89	41.9	12.4031	0.0075	0.8144
288	SLV 13	-10.02	0.29	46.05	13.1599	0.0047	3.0548
288	SLV 14	-9.12	0.53	46.38	13.2456	0.0038	2.7832
288	SLV 15	-10.21	-2.35	44.5	12.8659	0.0019	3.1163
288	SLV 16	-9.32	-2.11	44.82	12.9515	0.0009	2.8447
288	CRTFP Ux+	0	0	0	0	0	0
288	CRTFP Ux-	0	0	0	0	0	0
288	CRTFP Uy+	0	0	0	0	0	0
288	CRTFP Uy-	0	0	0	0	0	0
289	SLU 1	0.37	-0.5	40.83	11.8166	0.0093	-0.117
289	SLU 2	0.34	-0.44	40.88	11.827	0.0096	-0.1074
289	SLU 3	0.38	-0.51	41.78	12.0927	0.0096	-0.1202
289	SLU 4	0.36	-0.47	41.81	12.0989	0.0098	-0.1144
289	SLU 5	0.34	-0.45	41.48	11.9997	0.0098	-0.1087
289	SLU 6	0.38	-0.51	42.38	12.2654	0.0098	-0.1215
289	SLU 7	0.36	-0.47	42.41	12.2716	0.01	-0.1157
289	SLU 8	0.38	-0.52	42.03	12.1621	0.0097	-0.1196
289	SLU 9	0.36	-0.48	42.06	12.1683	0.0099	-0.1138
289	SLU 10	0.36	-0.42	45.79	13.2544	0.012	-0.1147
289	SLU 11	0.4	-0.49	46.7	13.5201	0.012	-0.1275
289	SLU 12	0.38	-0.45	46.73	13.5263	0.0122	-0.1218
289	SLU 13	0.36	-0.43	46.4	13.4272	0.0122	-0.116
289	SLU 14	0.4	-0.5	47.3	13.6929	0.0122	-0.1288
289	SLU 15	0.39	-0.46	47.33	13.6991	0.0124	-0.123
289	SLU 16	0.4	-0.51	46.95	13.5896	0.0121	-0.1269
289	SLU 17	0.38	-0.47	46.98	13.5958	0.0123	-0.1212
289	SLU 18	0.4	-0.48	47.86	13.8558	0.0127	-0.1275
289	SLU 19	0.38	-0.44	47.88	13.862	0.0129	-0.1217
289	SLU 20	0.4	-0.49	48.46	14.0286	0.0129	-0.1288
289	SLU 21	0.38	-0.45	48.49	14.0348	0.0131	-0.123
289	SLU 22	0.43	-0.45	45.17	13.0805	0.0103	-0.1359
289	SLU 23	0.4	-0.39	45.21	13.0908	0.0107	-0.1262
289	SLU 24	0.44	-0.46	46.12	13.3565	0.0107	-0.1391
289	SLU 25	0.42	-0.42	46.15	13.3628	0.0109	-0.1333
289	SLU 26	0.4	-0.4	45.81	13.2636	0.0109	-0.1275
289	SLU 27	0.44	-0.46	46.72	13.5293	0.0109	-0.1404
289	SLU 28	0.42	-0.43	46.75	13.5355	0.0111	-0.1346
289	SLU 29	0.44	-0.47	46.37	13.426	0.0107	-0.1385
289	SLU 30	0.42	-0.43	46.4	13.4322	0.011	-0.1327
289	SLU 31	0.42	-0.37	50.13	14.5183	0.0131	-0.1336
289	SLU 32	0.46	-0.44	51.04	14.784	0.013	-0.1464
289	SLU 33	0.44	-0.4	51.07	14.7902	0.0133	-0.1406



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
289	SLU 34	0.42	-0.38	50.73	14.691	0.0133	-0.1349
289	SLU 35	0.46	-0.45	51.64	14.9568	0.0133	-0.1477
289	SLU 36	0.44	-0.41	51.67	14.963	0.0135	-0.1419
289	SLU 37	0.46	-0.46	51.29	14.8534	0.0131	-0.1458
289	SLU 38	0.44	-0.42	51.31	14.8596	0.0133	-0.14
289	SLU 39	0.46	-0.43	52.19	15.1197	0.0137	-0.1464
289	SLU 40	0.44	-0.39	52.22	15.1259	0.0139	-0.1406
289	SLU 41	0.46	-0.44	52.79	15.2924	0.0139	-0.1477
289	SLU 42	0.44	-0.4	52.82	15.2987	0.0142	-0.1419
289	SLU 43	0.46	-0.67	51.59	14.9283	0.0117	-0.1456
289	SLU 44	0.43	-0.61	51.64	14.9386	0.012	-0.136
289	SLU 45	0.47	-0.67	52.54	15.2043	0.012	-0.1488
289	SLU 46	0.45	-0.63	52.57	15.2105	0.0123	-0.143
289	SLU 47	0.43	-0.62	52.24	15.1114	0.0123	-0.1373
289	SLU 48	0.47	-0.68	53.15	15.3771	0.0123	-0.1501
289	SLU 49	0.45	-0.64	53.17	15.3833	0.0125	-0.1443
289	SLU 50	0.47	-0.69	52.79	15.2738	0.0121	-0.1482
289	SLU 51	0.45	-0.65	52.82	15.28	0.0123	-0.1424
289	SLU 52	0.45	-0.59	56.56	16.3661	0.0144	-0.1433
289	SLU 53	0.49	-0.66	57.46	16.6318	0.0144	-0.1562
289	SLU 54	0.47	-0.62	57.49	16.638	0.0146	-0.1504
289	SLU 55	0.45	-0.6	57.16	16.5388	0.0147	-0.1446
289	SLU 56	0.49	-0.67	58.06	16.8045	0.0146	-0.1575
289	SLU 57	0.47	-0.63	58.09	16.8108	0.0149	-0.1517
289	SLU 58	0.49	-0.67	57.71	16.7012	0.0145	-0.1556
289	SLU 59	0.47	-0.63	57.74	16.7074	0.0147	-0.1498
289	SLU 60	0.49	-0.65	58.62	16.9675	0.0151	-0.1561
289	SLU 61	0.47	-0.61	58.65	16.9737	0.0153	-0.1504
289	SLU 62	0.49	-0.66	59.22	17.1402	0.0153	-0.1574
289	SLU 63	0.47	-0.62	59.25	17.1464	0.0155	-0.1516
289	SLU 64	0.52	-0.62	55.93	16.1921	0.0127	-0.1645
289	SLU 65	0.49	-0.56	55.97	16.2025	0.0131	-0.1549
289	SLU 66	0.53	-0.62	56.88	16.4682	0.0131	-0.1677
289	SLU 67	0.51	-0.58	56.91	16.4744	0.0133	-0.1619
289	SLU 68	0.49	-0.57	56.58	16.3752	0.0133	-0.1562
289	SLU 69	0.53	-0.63	57.48	16.641	0.0133	-0.169
289	SLU 70	0.51	-0.59	57.51	16.6472	0.0135	-0.1632
289	SLU 71	0.52	-0.64	57.13	16.5376	0.0132	-0.1671
289	SLU 72	0.51	-0.6	57.16	16.5438	0.0134	-0.1613
289	SLU 73	0.51	-0.54	60.89	17.6299	0.0155	-0.1622
289	SLU 74	0.55	-0.61	61.8	17.8957	0.0155	-0.175
289	SLU 75	0.53	-0.57	61.83	17.9019	0.0157	-0.1693
289	SLU 76	0.51	-0.55	61.49	17.8027	0.0157	-0.1635
289	SLU 77	0.55	-0.62	62.4	18.0684	0.0157	-0.1763
289	SLU 78	0.53	-0.58	62.43	18.0746	0.0159	-0.1706
289	SLU 79	0.55	-0.62	62.05	17.9651	0.0156	-0.1744
289	SLU 80	0.53	-0.58	62.08	17.9713	0.0158	-0.1687
289	SLU 81	0.55	-0.6	62.95	18.2314	0.0161	-0.175
289	SLU 82	0.53	-0.56	62.98	18.2376	0.0164	-0.1692
289	SLU 83	0.55	-0.61	63.56	18.4041	0.0164	-0.1763
289	SLU 84	0.53	-0.57	63.58	18.4103	0.0166	-0.1705
289	SLE RA 1	0.38	-0.49	42.07	12.1777	0.0096	-0.1224
289	SLE RA 2	0.36	-0.45	42.1	12.1846	0.0098	-0.116
289	SLE RA 3	0.39	-0.49	42.7	12.3618	0.0098	-0.1245
289	SLE RA 4	0.38	-0.46	42.72	12.3659	0.0099	-0.1207
289	SLE RA 5	0.37	-0.45	42.5	12.2998	0.0099	-0.1168
289	SLE RA 6	0.39	-0.5	43.1	12.4769	0.0099	-0.1254
289	SLE RA 7	0.38	-0.47	43.12	12.4811	0.0101	-0.1215
289	SLE RA 8	0.39	-0.5	42.87	12.408	0.0098	-0.1241
289	SLE RA 9	0.38	-0.47	42.89	12.4122	0.01	-0.1203
289	SLE RA 10	0.38	-0.44	45.38	13.1362	0.0114	-0.1209
289	SLE RA 11	0.41	-0.48	45.98	13.3134	0.0114	-0.1294
289	SLE RA 12	0.39	-0.45	46	13.3175	0.0115	-0.1256
289	SLE RA 13	0.38	-0.44	45.78	13.2514	0.0115	-0.1217
289	SLE RA 14	0.41	-0.49	46.38	13.4286	0.0115	-0.1303
289	SLE RA 15	0.4	-0.46	46.4	13.4327	0.0117	-0.1264
289	SLE RA 16	0.4	-0.49	46.15	13.3597	0.0114	-0.129
289	SLE RA 17	0.39	-0.46	46.17	13.3638	0.0116	-0.1252
289	SLE RA 18	0.41	-0.48	46.75	13.5372	0.0118	-0.1294
289	SLE RA 19	0.39	-0.45	46.77	13.5413	0.012	-0.1255
289	SLE RA 20	0.41	-0.48	47.15	13.6524	0.012	-0.1303
289	SLE RA 21	0.4	-0.45	47.17	13.6565	0.0121	-0.1264
289	SLE FR 1	0.38	-0.49	42.07	12.1777	0.0096	-0.1224
289	SLE FR 2	0.38	-0.48	42.07	12.1791	0.0096	-0.1211
289	SLE FR 3	0.39	-0.49	42.23	12.2238	0.0096	-0.1227
289	SLE FR 4	0.39	-0.48	43.48	12.5869	0.0103	-0.1232
289	SLE FR 5	0.39	-0.49	43.63	12.6316	0.0103	-0.1248
289	SLE FR 6	0.4	-0.48	44.41	12.8575	0.0107	-0.1259
289	SLE QP 1	0.38	-0.49	42.07	12.1777	0.0096	-0.1224
289	SLE QP 2	0.39	-0.49	43.47	12.5856	0.0102	-0.1245
289	SLD 1	4.55	0.32	42.85	12.4498	0.0178	-1.3955
289	SLD 2	4.94	0.45	43	12.4906	0.0173	-1.5126
289	SLD 3	4.46	-0.83	42.2	12.3357	0.0167	-1.3687
289	SLD 4	4.85	-0.71	42.36	12.3765	0.0163	-1.4858
289	SLD 5	1.7	1.49	44.24	12.7105	0.0142	-0.5255
289	SLD 6	1.95	1.57	44.34	12.7374	0.0139	-0.6026
289	SLD 7	1.41	-2.36	42.08	12.3303	0.0106	-0.4361
289	SLD 8	1.67	-2.28	42.18	12.3571	0.0103	-0.5132
289	SLD 9	-0.89	1.31	44.76	12.814	0.0101	0.2642



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
289	SLD 10	-0.63	1.39	44.86	12.8408	0.0099	0.1871
289	SLD 11	-1.17	-2.54	42.61	12.4337	0.0066	0.3536
289	SLD 12	-0.92	-2.46	42.71	12.4606	0.0063	0.2765
289	SLD 13	-4.07	-0.27	44.59	12.7946	0.0042	1.2368
289	SLD 14	-3.68	-0.14	44.74	12.8354	0.0038	1.1197
289	SLD 15	-4.15	-1.42	43.94	12.6805	0.0031	1.2636
289	SLD 16	-3.77	-1.3	44.1	12.7213	0.0027	1.1465
289	SLV 1	10.12	1.37	41.99	12.2647	0.0278	-3.098
289	SLV 2	11.02	1.66	42.35	12.3597	0.0268	-3.3706
289	SLV 3	9.92	-1.25	40.52	12.0052	0.0253	-3.0366
289	SLV 4	10.82	-0.96	40.88	12.1002	0.0244	-3.3093
289	SLV 5	3.45	3.99	45.19	12.8664	0.0194	-1.0623
289	SLV 6	4.03	4.18	45.42	12.9279	0.0188	-1.2387
289	SLV 7	2.8	-4.74	40.3	12.0013	0.0112	-0.8577
289	SLV 8	3.38	-4.55	40.53	12.0628	0.0106	-1.0342
289	SLV 9	-2.6	3.58	46.41	13.1083	0.0099	0.7852
289	SLV 10	-2.02	3.77	46.65	13.1698	0.0093	0.6087
289	SLV 11	-3.25	-5.15	41.52	12.2432	0.0017	0.9897
289	SLV 12	-2.67	-4.96	41.75	12.3047	0.0011	0.8133
289	SLV 13	-10.04	-0.01	46.06	13.0709	-0.0039	3.0603
289	SLV 14	-9.14	0.28	46.42	13.166	-0.0049	2.7876
289	SLV 15	-10.24	-2.63	44.6	12.8114	-0.0064	3.1216
289	SLV 16	-9.34	-2.34	44.96	12.9064	-0.0073	2.849
289	CRTFP Ux+	0	0	0	0	0	0
289	CRTFP Ux-	0	0	0	0	0	0
289	CRTFP Uy+	0	0	0	0	0	0
289	CRTFP Uy-	0	0	0	0	0	0
290	SLU 1	0.38	-0.57	40.69	11.745	-0.0017	-0.1199
290	SLU 2	0.35	-0.5	40.72	11.7509	-0.0013	-0.11
290	SLU 3	0.39	-0.58	41.63	12.0181	-0.0016	-0.1232
290	SLU 4	0.37	-0.54	41.65	12.0216	-0.0014	-0.1173
290	SLU 5	0.35	-0.51	41.32	11.9219	-0.0013	-0.1114
290	SLU 6	0.39	-0.59	42.23	12.1891	-0.0016	-0.1245
290	SLU 7	0.37	-0.55	42.25	12.1926	-0.0014	-0.1186
290	SLU 8	0.39	-0.59	41.88	12.087	-0.0016	-0.1226
290	SLU 9	0.37	-0.55	41.9	12.0905	-0.0014	-0.1167
290	SLU 10	0.37	-0.5	45.58	13.1555	-0.0004	-0.1175
290	SLU 11	0.41	-0.57	46.49	13.4227	-0.0007	-0.1307
290	SLU 12	0.39	-0.53	46.51	13.4263	-0.0005	-0.1247
290	SLU 13	0.37	-0.51	46.17	13.3265	-0.0004	-0.1188
290	SLU 14	0.41	-0.58	47.09	13.5937	-0.0007	-0.132
290	SLU 15	0.39	-0.54	47.11	13.5972	-0.0005	-0.1261
290	SLU 16	0.41	-0.59	46.74	13.4916	-0.0007	-0.1301
290	SLU 17	0.39	-0.55	46.76	13.4951	-0.0005	-0.1241
290	SLU 18	0.41	-0.57	47.63	13.7516	-0.0004	-0.1306
290	SLU 19	0.39	-0.52	47.64	13.7551	-0.0002	-0.1246
290	SLU 20	0.41	-0.58	48.22	13.9226	-0.0004	-0.1319
290	SLU 21	0.39	-0.53	48.24	13.9261	-0.0002	-0.126
290	SLU 22	0.44	-0.53	45.01	13.0017	-0.002	-0.1392
290	SLU 23	0.41	-0.46	45.04	13.0076	-0.0016	-0.1293
290	SLU 24	0.45	-0.54	45.95	13.2748	-0.0019	-0.1424
290	SLU 25	0.43	-0.49	45.97	13.2783	-0.0017	-0.1365
290	SLU 26	0.41	-0.47	45.64	13.1785	-0.0016	-0.1306
290	SLU 27	0.45	-0.55	46.55	13.4457	-0.0019	-0.1438
290	SLU 28	0.43	-0.5	46.57	13.4493	-0.0017	-0.1379
290	SLU 29	0.45	-0.55	46.2	13.3436	-0.0019	-0.1419
290	SLU 30	0.43	-0.51	46.22	13.3471	-0.0017	-0.1359
290	SLU 31	0.43	-0.46	49.9	14.4122	-0.0007	-0.1368
290	SLU 32	0.47	-0.53	50.81	14.6794	-0.001	-0.1499
290	SLU 33	0.45	-0.49	50.83	14.6829	-0.0008	-0.144
290	SLU 34	0.43	-0.47	50.5	14.5831	-0.0007	-0.1381
290	SLU 35	0.47	-0.54	51.41	14.8503	-0.001	-0.1513
290	SLU 36	0.46	-0.5	51.43	14.8539	-0.0008	-0.1453
290	SLU 37	0.47	-0.55	51.06	14.7482	-0.001	-0.1493
290	SLU 38	0.45	-0.5	51.08	14.7518	-0.0008	-0.1434
290	SLU 39	0.47	-0.52	51.95	15.0082	-0.0007	-0.1498
290	SLU 40	0.45	-0.48	51.97	15.0118	-0.0005	-0.1439
290	SLU 41	0.47	-0.53	52.54	15.1792	-0.0007	-0.1512
290	SLU 42	0.46	-0.49	52.56	15.1828	-0.0005	-0.1453
290	SLU 43	0.47	-0.76	51.41	14.8377	-0.0021	-0.1493
290	SLU 44	0.44	-0.69	51.44	14.8436	-0.0017	-0.1394
290	SLU 45	0.48	-0.76	52.35	15.1108	-0.002	-0.1525
290	SLU 46	0.46	-0.72	52.37	15.1143	-0.0018	-0.1466
290	SLU 47	0.44	-0.7	52.04	15.0145	-0.0017	-0.1407
290	SLU 48	0.48	-0.77	52.95	15.2817	-0.002	-0.1539
290	SLU 49	0.46	-0.73	52.97	15.2853	-0.0018	-0.148
290	SLU 50	0.48	-0.78	52.6	15.1796	-0.002	-0.152
290	SLU 51	0.46	-0.74	52.62	15.1832	-0.0018	-0.146
290	SLU 52	0.46	-0.68	56.3	16.2482	-0.0008	-0.1469
290	SLU 53	0.5	-0.76	57.21	16.5154	-0.0011	-0.16
290	SLU 54	0.48	-0.72	57.23	16.5189	-0.0009	-0.1541
290	SLU 55	0.46	-0.69	56.9	16.4191	-0.0008	-0.1482
290	SLU 56	0.51	-0.77	57.81	16.6864	-0.0011	-0.1614
290	SLU 57	0.49	-0.73	57.83	16.6899	-0.0009	-0.1554
290	SLU 58	0.5	-0.77	57.46	16.5842	-0.0011	-0.1594
290	SLU 59	0.48	-0.73	57.48	16.5878	-0.0009	-0.1535
290	SLU 60	0.5	-0.75	58.35	16.8442	-0.0008	-0.1599
290	SLU 61	0.48	-0.71	58.37	16.8478	-0.0006	-0.154
290	SLU 62	0.51	-0.76	58.95	17.0152	-0.0008	-0.1613



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
290	SLU 63	0.49	-0.72	58.97	17.0188	-0.0006	-0.1554
290	SLU 64	0.53	-0.72	55.73	16.0943	-0.0024	-0.1685
290	SLU 65	0.5	-0.65	55.76	16.1002	-0.002	-0.1587
290	SLU 66	0.54	-0.72	56.68	16.3674	-0.0023	-0.1718
290	SLU 67	0.52	-0.68	56.7	16.3709	-0.0021	-0.1659
290	SLU 68	0.5	-0.66	56.36	16.2712	-0.002	-0.16
290	SLU 69	0.54	-0.73	57.27	16.5384	-0.0023	-0.1732
290	SLU 70	0.53	-0.69	57.29	16.5419	-0.0021	-0.1672
290	SLU 71	0.54	-0.74	56.92	16.4363	-0.0023	-0.1712
290	SLU 72	0.52	-0.7	56.94	16.4398	-0.0021	-0.1653
290	SLU 73	0.52	-0.64	60.62	17.5048	-0.0011	-0.1661
290	SLU 74	0.56	-0.72	61.53	17.772	-0.0014	-0.1793
290	SLU 75	0.54	-0.68	61.55	17.7756	-0.0012	-0.1734
290	SLU 76	0.53	-0.65	61.22	17.6758	-0.0011	-0.1675
290	SLU 77	0.57	-0.73	62.13	17.943	-0.0014	-0.1806
290	SLU 78	0.55	-0.69	62.15	17.9465	-0.0012	-0.1747
290	SLU 79	0.56	-0.73	61.78	17.8409	-0.0014	-0.1787
290	SLU 80	0.54	-0.69	61.8	17.8444	-0.0012	-0.1728
290	SLU 81	0.56	-0.71	62.67	18.1009	-0.0011	-0.1792
290	SLU 82	0.54	-0.67	62.69	18.1044	-0.0009	-0.1733
290	SLU 83	0.57	-0.72	63.27	18.2719	-0.0011	-0.1805
290	SLU 84	0.55	-0.68	63.29	18.2754	-0.0009	-0.1746
290	SLE RA 1	0.39	-0.56	41.92	12.104	-0.0018	-0.1254
290	SLE RA 2	0.37	-0.52	41.94	12.108	-0.0015	-0.1188
290	SLE RA 3	0.4	-0.56	42.55	12.2861	-0.0017	-0.1276
290	SLE RA 4	0.39	-0.54	42.56	12.2885	-0.0016	-0.1236
290	SLE RA 5	0.38	-0.52	42.34	12.222	-0.0015	-0.1197
290	SLE RA 6	0.4	-0.57	42.95	12.4001	-0.0017	-0.1285
290	SLE RA 7	0.39	-0.54	42.96	12.4025	-0.0016	-0.1245
290	SLE RA 8	0.4	-0.58	42.72	12.332	-0.0017	-0.1272
290	SLE RA 9	0.39	-0.55	42.73	12.3344	-0.0016	-0.1232
290	SLE RA 10	0.39	-0.51	45.18	13.0444	-0.0009	-0.1238
290	SLE RA 11	0.42	-0.56	45.79	13.2225	-0.0011	-0.1326
290	SLE RA 12	0.4	-0.53	45.8	13.2249	-0.001	-0.1286
290	SLE RA 13	0.39	-0.52	45.58	13.1584	-0.0009	-0.1247
290	SLE RA 14	0.42	-0.57	46.19	13.3365	-0.0011	-0.1335
290	SLE RA 15	0.41	-0.54	46.2	13.3389	-0.001	-0.1295
290	SLE RA 16	0.41	-0.57	45.95	13.2684	-0.0011	-0.1322
290	SLE RA 17	0.4	-0.54	45.97	13.2708	-0.001	-0.1282
290	SLE RA 18	0.42	-0.56	46.55	13.4418	-0.0009	-0.1325
290	SLE RA 19	0.4	-0.53	46.56	13.4441	-0.0008	-0.1286
290	SLE RA 20	0.42	-0.56	46.94	13.5558	-0.0009	-0.1334
290	SLE RA 21	0.41	-0.54	46.96	13.5581	-0.0008	-0.1295
290	SLE FR 1	0.39	-0.56	41.92	12.104	-0.0018	-0.1254
290	SLE FR 2	0.39	-0.55	41.92	12.1048	-0.0017	-0.1241
290	SLE FR 3	0.4	-0.56	42.08	12.1496	-0.0018	-0.1258
290	SLE FR 4	0.4	-0.55	43.31	12.5062	-0.0015	-0.1262
290	SLE FR 5	0.4	-0.56	43.47	12.551	-0.0015	-0.1279
290	SLE FR 6	0.41	-0.56	44.23	12.7729	-0.0014	-0.129
290	SLE QP 1	0.39	-0.56	41.92	12.104	-0.0018	-0.1254
290	SLE QP 2	0.4	-0.56	43.31	12.5054	-0.0015	-0.1275
290	SLD 1	4.57	0.31	42.39	12.2923	0.007	-1.4012
290	SLD 2	4.95	0.46	42.56	12.3377	0.0066	-1.5187
290	SLD 3	4.48	-0.83	41.77	12.1897	0.0063	-1.3745
290	SLD 4	4.87	-0.69	41.94	12.2351	0.0058	-1.492
290	SLD 5	1.71	1.41	43.94	12.589	0.0023	-0.5291
290	SLD 6	1.97	1.51	44.05	12.6189	0.002	-0.6064
290	SLD 7	1.43	-2.41	41.88	12.2469	-0.0002	-0.4401
290	SLD 8	1.68	-2.31	41.99	12.2768	-0.0006	-0.5174
290	SLD 9	-0.88	1.19	44.62	12.734	-0.0025	0.2624
290	SLD 10	-0.62	1.28	44.74	12.7639	-0.0028	0.185
290	SLD 11	-1.16	-2.63	42.56	12.3919	-0.005	0.3514
290	SLD 12	-0.91	-2.53	42.68	12.4217	-0.0053	0.274
290	SLD 13	-4.07	-0.43	44.67	12.7756	-0.0089	1.2369
290	SLD 14	-3.68	-0.29	44.84	12.821	-0.0093	1.1195
290	SLD 15	-4.15	-1.58	44.05	12.673	-0.0096	1.2636
290	SLD 16	-3.77	-1.43	44.22	12.7184	-0.0101	1.1462
290	SLV 1	10.15	1.44	41.14	12.0042	0.0185	-3.1072
290	SLV 2	11.05	1.78	41.54	12.1098	0.0174	-3.3808
290	SLV 3	9.95	-1.16	39.74	11.7703	0.0168	-3.0461
290	SLV 4	10.85	-0.82	40.14	11.876	0.0157	-3.3197
290	SLV 5	3.46	3.92	44.71	12.6913	0.0073	-1.0667
290	SLV 6	4.05	4.14	44.97	12.7597	0.0066	-1.2437
290	SLV 7	2.81	-4.73	40.04	11.9119	0.0015	-0.863
290	SLV 8	3.4	-4.51	40.3	11.9802	0.0008	-1.04
290	SLV 9	-2.6	3.39	46.31	13.0305	-0.0038	0.7849
290	SLV 10	-2.01	3.61	46.57	13.0989	-0.0045	0.6079
290	SLV 11	-3.25	-5.26	41.64	12.251	-0.0097	0.9886
290	SLV 12	-2.66	-5.04	41.9	12.3194	-0.0104	0.8116
290	SLV 13	-10.05	-0.3	46.48	13.1347	-0.0187	3.0646
290	SLV 14	-9.15	0.04	46.87	13.2404	-0.0198	2.7911
290	SLV 15	-10.25	-2.9	45.08	12.9009	-0.0205	3.1257
290	SLV 16	-9.35	-2.56	45.47	13.0066	-0.0216	2.8522
290	CRTFP Ux+	0	0	0	0	0	0
290	CRTFP Ux-	0	0	0	0	0	0
290	CRTFP Uy+	0	0	0	0	0	0
290	CRTFP Uy-	0	0	0	0	0	0
291	SLU 1	0.39	-0.64	40.94	11.8215	-0.0142	-0.1227
291	SLU 2	0.35	-0.57	40.96	11.8228	-0.0138	-0.1126



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
291	SLU 3	0.4	-0.65	41.89	12.0956	-0.0145	-0.1261
291	SLU 4	0.38	-0.61	41.9	12.0964	-0.0142	-0.1201
291	SLU 5	0.36	-0.58	41.56	11.9945	-0.014	-0.114
291	SLU 6	0.4	-0.66	42.49	12.2673	-0.0146	-0.1275
291	SLU 7	0.38	-0.62	42.5	12.2681	-0.0144	-0.1215
291	SLU 8	0.39	-0.67	42.14	12.1649	-0.0145	-0.1256
291	SLU 9	0.38	-0.62	42.15	12.1657	-0.0143	-0.1195
291	SLU 10	0.38	-0.57	45.81	13.2249	-0.0146	-0.1201
291	SLU 11	0.42	-0.65	46.74	13.4977	-0.0153	-0.1337
291	SLU 12	0.4	-0.61	46.75	13.4985	-0.0151	-0.1276
291	SLU 13	0.38	-0.58	46.41	13.3966	-0.0148	-0.1216
291	SLU 14	0.42	-0.66	47.34	13.6694	-0.0155	-0.1351
291	SLU 15	0.4	-0.62	47.35	13.6702	-0.0153	-0.129
291	SLU 16	0.42	-0.67	46.99	13.567	-0.0154	-0.1331
291	SLU 17	0.4	-0.63	47	13.5678	-0.0152	-0.127
291	SLU 18	0.42	-0.65	47.87	13.8244	-0.0154	-0.1335
291	SLU 19	0.4	-0.6	47.88	13.8252	-0.0151	-0.1274
291	SLU 20	0.42	-0.66	48.47	13.9961	-0.0156	-0.1349
291	SLU 21	0.4	-0.62	48.48	13.9969	-0.0153	-0.1288
291	SLU 22	0.45	-0.61	45.3	13.0891	-0.016	-0.1424
291	SLU 23	0.42	-0.54	45.32	13.0904	-0.0157	-0.1323
291	SLU 24	0.46	-0.62	46.24	13.3632	-0.0163	-0.1458
291	SLU 25	0.44	-0.57	46.26	13.364	-0.0161	-0.1397
291	SLU 26	0.42	-0.55	45.91	13.2621	-0.0158	-0.1337
291	SLU 27	0.46	-0.63	46.84	13.5349	-0.0165	-0.1472
291	SLU 28	0.44	-0.58	46.86	13.5357	-0.0163	-0.1411
291	SLU 29	0.46	-0.63	46.49	13.4325	-0.0164	-0.1452
291	SLU 30	0.44	-0.59	46.51	13.4333	-0.0162	-0.1391
291	SLU 31	0.44	-0.54	50.17	14.4925	-0.0165	-0.1398
291	SLU 32	0.48	-0.62	51.1	14.7652	-0.0171	-0.1533
291	SLU 33	0.46	-0.58	51.11	14.766	-0.0169	-0.1473
291	SLU 34	0.44	-0.55	50.77	14.6642	-0.0167	-0.1412
291	SLU 35	0.49	-0.63	51.7	14.937	-0.0173	-0.1547
291	SLU 36	0.47	-0.59	51.71	14.9378	-0.0171	-0.1487
291	SLU 37	0.48	-0.64	51.35	14.8346	-0.0172	-0.1527
291	SLU 38	0.46	-0.59	51.36	14.8354	-0.017	-0.1467
291	SLU 39	0.48	-0.61	52.23	15.092	-0.0172	-0.1532
291	SLU 40	0.46	-0.57	52.24	15.0928	-0.017	-0.1471
291	SLU 41	0.48	-0.63	52.83	15.2637	-0.0174	-0.1546
291	SLU 42	0.47	-0.58	52.84	15.2645	-0.0172	-0.1485
291	SLU 43	0.48	-0.85	51.73	14.9333	-0.0178	-0.1528
291	SLU 44	0.45	-0.77	51.75	14.9347	-0.0174	-0.1427
291	SLU 45	0.49	-0.85	52.67	15.2074	-0.0181	-0.1562
291	SLU 46	0.47	-0.81	52.69	15.2082	-0.0179	-0.1501
291	SLU 47	0.45	-0.79	52.34	15.1064	-0.0176	-0.1441
291	SLU 48	0.5	-0.87	53.27	15.3792	-0.0183	-0.1576
291	SLU 49	0.48	-0.82	53.29	15.38	-0.018	-0.1516
291	SLU 50	0.49	-0.87	52.92	15.2768	-0.0182	-0.1556
291	SLU 51	0.47	-0.83	52.94	15.2776	-0.0179	-0.1496
291	SLU 52	0.47	-0.78	56.6	16.3367	-0.0183	-0.1502
291	SLU 53	0.51	-0.86	57.53	16.6095	-0.0189	-0.1637
291	SLU 54	0.49	-0.81	57.54	16.6103	-0.0187	-0.1577
291	SLU 55	0.48	-0.79	57.2	16.5084	-0.0184	-0.1516
291	SLU 56	0.52	-0.87	58.13	16.7812	-0.0191	-0.1652
291	SLU 57	0.5	-0.82	58.14	16.782	-0.0189	-0.1591
291	SLU 58	0.51	-0.87	57.78	16.6788	-0.019	-0.1632
291	SLU 59	0.49	-0.83	57.79	16.6796	-0.0188	-0.1571
291	SLU 60	0.51	-0.85	58.66	16.9362	-0.019	-0.1636
291	SLU 61	0.49	-0.81	58.67	16.937	-0.0188	-0.1575
291	SLU 62	0.52	-0.86	59.26	17.108	-0.0192	-0.165
291	SLU 63	0.5	-0.82	59.27	17.1088	-0.0189	-0.1589
291	SLU 64	0.54	-0.81	56.08	16.2009	-0.0196	-0.1725
291	SLU 65	0.51	-0.74	56.1	16.2022	-0.0193	-0.1624
291	SLU 66	0.55	-0.82	57.03	16.475	-0.0199	-0.1759
291	SLU 67	0.53	-0.78	57.04	16.4758	-0.0197	-0.1698
291	SLU 68	0.51	-0.75	56.7	16.374	-0.0195	-0.1638
291	SLU 69	0.56	-0.83	57.63	16.6468	-0.0201	-0.1773
291	SLU 70	0.54	-0.79	57.64	16.6476	-0.0199	-0.1712
291	SLU 71	0.55	-0.84	57.28	16.5444	-0.02	-0.1753
291	SLU 72	0.53	-0.79	57.29	16.5452	-0.0198	-0.1692
291	SLU 73	0.53	-0.74	60.96	17.6043	-0.0201	-0.1699
291	SLU 74	0.58	-0.82	61.88	17.8771	-0.0208	-0.1834
291	SLU 75	0.56	-0.78	61.9	17.8779	-0.0205	-0.1773
291	SLU 76	0.54	-0.76	61.55	17.776	-0.0203	-0.1713
291	SLU 77	0.58	-0.84	62.48	18.0488	-0.021	-0.1848
291	SLU 78	0.56	-0.79	62.5	18.0496	-0.0207	-0.1787
291	SLU 79	0.57	-0.84	62.13	17.9464	-0.0209	-0.1828
291	SLU 80	0.55	-0.8	62.15	17.9472	-0.0206	-0.1768
291	SLU 81	0.58	-0.82	63.02	18.2038	-0.0208	-0.1832
291	SLU 82	0.56	-0.78	63.03	18.2046	-0.0206	-0.1772
291	SLU 83	0.58	-0.83	63.61	18.3756	-0.021	-0.1846
291	SLU 84	0.56	-0.79	63.63	18.3764	-0.0208	-0.1786
291	SLE RA 1	0.4	-0.63	42.18	12.1836	-0.0147	-0.1284
291	SLE RA 2	0.38	-0.58	42.2	12.1845	-0.0145	-0.1216
291	SLE RA 3	0.41	-0.64	42.82	12.3664	-0.0149	-0.1306
291	SLE RA 4	0.4	-0.61	42.82	12.3669	-0.0147	-0.1266
291	SLE RA 5	0.39	-0.59	42.6	12.299	-0.0146	-0.1225
291	SLE RA 6	0.41	-0.65	43.22	12.4809	-0.015	-0.1316
291	SLE RA 7	0.4	-0.62	43.22	12.4814	-0.0149	-0.1275



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
291	SLE RA 8	0.41	-0.65	42.98	12.4126	-0.015	-0.1302
291	SLE RA 9	0.4	-0.62	42.99	12.4132	-0.0148	-0.1262
291	SLE RA 10	0.4	-0.59	45.43	13.1192	-0.015	-0.1266
291	SLE RA 11	0.43	-0.64	46.05	13.3011	-0.0155	-0.1356
291	SLE RA 12	0.41	-0.61	46.06	13.3016	-0.0153	-0.1316
291	SLE RA 13	0.4	-0.59	45.83	13.2337	-0.0151	-0.1276
291	SLE RA 14	0.43	-0.65	46.45	13.4156	-0.0156	-0.1366
291	SLE RA 15	0.42	-0.62	46.46	13.4161	-0.0154	-0.1325
291	SLE RA 16	0.42	-0.65	46.22	13.3473	-0.0155	-0.1353
291	SLE RA 17	0.41	-0.62	46.22	13.3479	-0.0154	-0.1312
291	SLE RA 18	0.43	-0.64	46.8	13.5189	-0.0155	-0.1355
291	SLE RA 19	0.41	-0.61	46.81	13.5195	-0.0154	-0.1315
291	SLE RA 20	0.43	-0.64	47.2	13.6334	-0.0156	-0.1365
291	SLE RA 21	0.42	-0.62	47.21	13.634	-0.0155	-0.1324
291	SLE FR 1	0.4	-0.63	42.18	12.1836	-0.0147	-0.1284
291	SLE FR 2	0.4	-0.62	42.19	12.1838	-0.0147	-0.127
291	SLE FR 3	0.4	-0.64	42.34	12.2294	-0.0148	-0.1287
291	SLE FR 4	0.41	-0.62	43.57	12.5844	-0.0149	-0.1292
291	SLE FR 5	0.41	-0.64	43.73	12.63	-0.015	-0.1309
291	SLE FR 6	0.41	-0.64	44.49	12.8513	-0.0151	-0.1319
291	SLE QP 1	0.4	-0.63	42.18	12.1836	-0.0147	-0.1284
291	SLE QP 2	0.41	-0.63	43.57	12.5842	-0.0149	-0.1305
291	SLD 1	4.58	0.29	42.32	12.2796	-0.0051	-1.4067
291	SLD 2	4.97	0.46	42.51	12.3305	-0.0057	-1.5246
291	SLD 3	4.49	-0.84	41.72	12.183	-0.0055	-1.3802
291	SLD 4	4.88	-0.68	41.91	12.2339	-0.0061	-1.498
291	SLD 5	1.72	1.33	44.07	12.6303	-0.0113	-0.5325
291	SLD 6	1.98	1.44	44.2	12.6638	-0.0116	-0.6101
291	SLD 7	1.44	-2.45	42.07	12.3082	-0.0126	-0.444
291	SLD 8	1.69	-2.34	42.19	12.3417	-0.013	-0.5216
291	SLD 9	-0.87	1.07	44.95	12.8268	-0.0169	0.2606
291	SLD 10	-0.62	1.18	45.07	12.8603	-0.0173	0.183
291	SLD 11	-1.16	-2.71	42.94	12.5047	-0.0182	0.3491
291	SLD 12	-0.9	-2.6	43.06	12.5382	-0.0186	0.2715
291	SLD 13	-4.06	-0.59	45.23	12.9346	-0.0238	1.237
291	SLD 14	-3.67	-0.43	45.42	12.9855	-0.0244	1.1192
291	SLD 15	-4.15	-1.73	44.63	12.838	-0.0242	1.2636
291	SLD 16	-3.76	-1.56	44.82	12.8888	-0.0248	1.1457
291	SLV 1	10.17	1.49	40.63	11.8691	0.0081	-3.1162
291	SLV 2	11.07	1.88	41.07	11.9875	0.0068	-3.3906
291	SLV 3	9.97	-1.08	39.26	11.6486	0.0071	-3.0553
291	SLV 4	10.87	-0.69	39.7	11.767	0.0058	-3.3297
291	SLV 5	3.47	3.84	44.68	12.6836	-0.0063	-1.0709
291	SLV 6	4.06	4.09	44.97	12.7603	-0.0071	-1.2484
291	SLV 7	2.83	-4.73	40.13	11.9485	-0.0096	-0.8681
291	SLV 8	3.41	-4.48	40.41	12.0251	-0.0104	-1.0456
291	SLV 9	-2.59	3.21	46.73	13.1433	-0.0195	0.7846
291	SLV 10	-2.01	3.46	47.01	13.22	-0.0203	0.6071
291	SLV 11	-3.24	-5.36	42.17	12.4082	-0.0228	0.9874
291	SLV 12	-2.65	-5.1	42.46	12.4848	-0.0236	0.8098
291	SLV 13	-10.05	-0.58	47.44	13.4015	-0.0357	3.0687
291	SLV 14	-9.15	-0.19	47.88	13.5199	-0.037	2.7943
291	SLV 15	-10.25	-3.15	46.07	13.1809	-0.0367	3.1296
291	SLV 16	-9.34	-2.76	46.51	13.2994	-0.038	2.8552
291	CRTFP Ux+	0	0	0	0	0	0
291	CRTFP Ux-	0	0	0	0	0	0
291	CRTFP Uy+	0	0	0	0	0	0
291	CRTFP Uy-	0	0	0	0	0	0
292	SLU 1	0.39	-0.71	41.54	12.0365	-0.0247	-0.1251
292	SLU 2	0.36	-0.63	41.55	12.0332	-0.0244	-0.1147
292	SLU 3	0.4	-0.72	42.51	12.3156	-0.0253	-0.1286
292	SLU 4	0.38	-0.67	42.51	12.3135	-0.0251	-0.1224
292	SLU 5	0.37	-0.65	42.16	12.2081	-0.0247	-0.1162
292	SLU 6	0.41	-0.73	43.11	12.4905	-0.0257	-0.1301
292	SLU 7	0.39	-0.69	43.12	12.4884	-0.0255	-0.1238
292	SLU 8	0.4	-0.74	42.76	12.3864	-0.0255	-0.128
292	SLU 9	0.38	-0.69	42.76	12.3843	-0.0253	-0.1218
292	SLU 10	0.38	-0.64	46.45	13.4522	-0.0267	-0.1222
292	SLU 11	0.43	-0.73	47.4	13.7346	-0.0277	-0.1361
292	SLU 12	0.41	-0.68	47.41	13.7326	-0.0275	-0.1299
292	SLU 13	0.39	-0.66	47.06	13.6271	-0.0271	-0.1237
292	SLU 14	0.43	-0.74	48.01	13.9095	-0.0281	-0.1376
292	SLU 15	0.41	-0.7	48.02	13.9075	-0.0278	-0.1313
292	SLU 16	0.43	-0.75	47.66	13.8054	-0.0278	-0.1355
292	SLU 17	0.41	-0.7	47.66	13.8034	-0.0276	-0.1293
292	SLU 18	0.43	-0.73	48.54	14.0638	-0.0281	-0.1358
292	SLU 19	0.41	-0.68	48.54	14.0617	-0.0279	-0.1296
292	SLU 20	0.43	-0.74	49.15	14.2387	-0.0285	-0.1373
292	SLU 21	0.41	-0.69	49.15	14.2366	-0.0282	-0.1311
292	SLU 22	0.46	-0.68	45.98	13.3323	-0.0279	-0.1451
292	SLU 23	0.42	-0.61	45.99	13.3289	-0.0275	-0.1348
292	SLU 24	0.47	-0.69	46.94	13.6113	-0.0285	-0.1486
292	SLU 25	0.45	-0.65	46.95	13.6093	-0.0283	-0.1424
292	SLU 26	0.43	-0.62	46.6	13.5038	-0.0279	-0.1362
292	SLU 27	0.47	-0.71	47.55	13.7862	-0.0289	-0.1501
292	SLU 28	0.45	-0.66	47.56	13.7842	-0.0287	-0.1439
292	SLU 29	0.47	-0.71	47.2	13.6821	-0.0287	-0.1481
292	SLU 30	0.45	-0.66	47.2	13.6801	-0.0284	-0.1419
292	SLU 31	0.45	-0.62	50.89	14.748	-0.0299	-0.1423



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
292	SLU 32	0.49	-0.71	51.84	15.0303	-0.0309	-0.1561
292	SLU 33	0.47	-0.66	51.85	15.0283	-0.0306	-0.1499
292	SLU 34	0.45	-0.63	51.49	14.9229	-0.0303	-0.1437
292	SLU 35	0.5	-0.72	52.45	15.2053	-0.0312	-0.1576
292	SLU 36	0.48	-0.67	52.45	15.2032	-0.031	-0.1514
292	SLU 37	0.49	-0.72	52.1	15.1012	-0.031	-0.1556
292	SLU 38	0.47	-0.68	52.1	15.0991	-0.0308	-0.1494
292	SLU 39	0.49	-0.7	52.98	15.3595	-0.0313	-0.1559
292	SLU 40	0.47	-0.66	52.98	15.3575	-0.0311	-0.1496
292	SLU 41	0.49	-0.72	53.59	15.5344	-0.0317	-0.1573
292	SLU 42	0.47	-0.67	53.59	15.5324	-0.0314	-0.1511
292	SLU 43	0.49	-0.93	52.48	15.2033	-0.0311	-0.1557
292	SLU 44	0.46	-0.85	52.49	15.1999	-0.0307	-0.1454
292	SLU 45	0.5	-0.94	53.45	15.4823	-0.0317	-0.1592
292	SLU 46	0.48	-0.89	53.45	15.4802	-0.0314	-0.153
292	SLU 47	0.46	-0.87	53.1	15.3748	-0.0311	-0.1468
292	SLU 48	0.51	-0.95	54.05	15.6572	-0.032	-0.1607
292	SLU 49	0.49	-0.91	54.06	15.6552	-0.0318	-0.1545
292	SLU 50	0.5	-0.96	53.7	15.5531	-0.0318	-0.1587
292	SLU 51	0.48	-0.91	53.7	15.551	-0.0316	-0.1525
292	SLU 52	0.48	-0.87	57.39	16.6189	-0.033	-0.1529
292	SLU 53	0.52	-0.95	58.35	16.9013	-0.034	-0.1668
292	SLU 54	0.5	-0.91	58.35	16.8993	-0.0338	-0.1605
292	SLU 55	0.48	-0.88	58	16.7938	-0.0334	-0.1544
292	SLU 56	0.53	-0.96	58.95	17.0762	-0.0344	-0.1682
292	SLU 57	0.51	-0.92	58.96	17.0742	-0.0342	-0.162
292	SLU 58	0.52	-0.97	58.6	16.9721	-0.0342	-0.1662
292	SLU 59	0.5	-0.92	58.6	16.9701	-0.0339	-0.16
292	SLU 60	0.52	-0.95	59.48	17.2305	-0.0344	-0.1665
292	SLU 61	0.5	-0.9	59.49	17.2284	-0.0342	-0.1603
292	SLU 62	0.53	-0.96	60.09	17.4054	-0.0348	-0.1679
292	SLU 63	0.51	-0.91	60.09	17.4034	-0.0346	-0.1617
292	SLU 64	0.55	-0.91	56.92	16.499	-0.0343	-0.1758
292	SLU 65	0.52	-0.83	56.93	16.4956	-0.0339	-0.1654
292	SLU 66	0.56	-0.92	57.89	16.778	-0.0348	-0.1793
292	SLU 67	0.54	-0.87	57.89	16.776	-0.0346	-0.1731
292	SLU 68	0.53	-0.84	57.54	16.6705	-0.0342	-0.1669
292	SLU 69	0.57	-0.93	58.49	16.9529	-0.0352	-0.1808
292	SLU 70	0.55	-0.88	58.5	16.9509	-0.035	-0.1745
292	SLU 71	0.56	-0.93	58.14	16.8488	-0.035	-0.1787
292	SLU 72	0.54	-0.89	58.14	16.8468	-0.0348	-0.1725
292	SLU 73	0.54	-0.84	61.83	17.9147	-0.0362	-0.1729
292	SLU 74	0.59	-0.93	62.78	18.1971	-0.0372	-0.1868
292	SLU 75	0.57	-0.88	62.79	18.195	-0.037	-0.1806
292	SLU 76	0.55	-0.85	62.44	18.0896	-0.0366	-0.1744
292	SLU 77	0.59	-0.94	63.39	18.372	-0.0376	-0.1883
292	SLU 78	0.57	-0.89	63.39	18.3699	-0.0373	-0.182
292	SLU 79	0.59	-0.94	63.04	18.2679	-0.0374	-0.1862
292	SLU 80	0.57	-0.9	63.04	18.2658	-0.0371	-0.18
292	SLU 81	0.59	-0.92	63.92	18.5262	-0.0376	-0.1865
292	SLU 82	0.57	-0.88	63.92	18.5242	-0.0374	-0.1803
292	SLU 83	0.59	-0.94	64.53	18.7011	-0.038	-0.188
292	SLU 84	0.57	-0.89	64.53	18.6991	-0.0378	-0.1818
292	SLE RA 1	0.41	-0.7	42.81	12.4068	-0.0257	-0.1308
292	SLE RA 2	0.39	-0.65	42.82	12.4045	-0.0254	-0.1239
292	SLE RA 3	0.42	-0.71	43.45	12.5928	-0.026	-0.1332
292	SLE RA 4	0.41	-0.68	43.46	12.5914	-0.0259	-0.129
292	SLE RA 5	0.39	-0.66	43.22	12.5211	-0.0256	-0.1249
292	SLE RA 6	0.42	-0.72	43.86	12.7094	-0.0263	-0.1341
292	SLE RA 7	0.41	-0.69	43.86	12.708	-0.0261	-0.13
292	SLE RA 8	0.42	-0.72	43.62	12.64	-0.0262	-0.1328
292	SLE RA 9	0.4	-0.69	43.62	12.6386	-0.026	-0.1286
292	SLE RA 10	0.4	-0.66	46.08	13.3505	-0.027	-0.1289
292	SLE RA 11	0.43	-0.72	46.72	13.5388	-0.0276	-0.1382
292	SLE RA 12	0.42	-0.69	46.72	13.5374	-0.0275	-0.134
292	SLE RA 13	0.41	-0.67	46.49	13.4671	-0.0272	-0.1299
292	SLE RA 14	0.44	-0.73	47.12	13.6554	-0.0279	-0.1391
292	SLE RA 15	0.42	-0.69	47.13	13.6541	-0.0277	-0.135
292	SLE RA 16	0.43	-0.73	46.89	13.586	-0.0277	-0.1378
292	SLE RA 17	0.42	-0.7	46.89	13.5846	-0.0276	-0.1336
292	SLE RA 18	0.43	-0.71	47.48	13.7582	-0.0279	-0.138
292	SLE RA 19	0.42	-0.68	47.48	13.7569	-0.0277	-0.1338
292	SLE RA 20	0.44	-0.72	47.88	13.8748	-0.0281	-0.139
292	SLE RA 21	0.42	-0.69	47.88	13.8735	-0.028	-0.1348
292	SLE FR 1	0.41	-0.7	42.81	12.4068	-0.0257	-0.1308
292	SLE FR 2	0.41	-0.69	42.81	12.4063	-0.0256	-0.1294
292	SLE FR 3	0.41	-0.71	42.97	12.4534	-0.0258	-0.1312
292	SLE FR 4	0.41	-0.7	44.21	12.8117	-0.0263	-0.1316
292	SLE FR 5	0.42	-0.71	44.37	12.8588	-0.0264	-0.1334
292	SLE FR 6	0.42	-0.71	45.14	13.0825	-0.0268	-0.1344
292	SLE QP 1	0.41	-0.7	42.81	12.4068	-0.0257	-0.1308
292	SLE QP 2	0.42	-0.71	44.21	12.8122	-0.0263	-0.133
292	SLD 1	4.58	0.27	42.59	12.3997	-0.0154	-1.412
292	SLD 2	4.97	0.46	42.8	12.4571	-0.016	-1.5303
292	SLD 3	4.5	-0.85	41.99	12.303	-0.0149	-1.3856
292	SLD 4	4.89	-0.67	42.19	12.3603	-0.0156	-1.5038
292	SLD 5	1.73	1.26	44.6	12.8249	-0.0236	-0.5356
292	SLD 6	1.98	1.38	44.74	12.8627	-0.024	-0.6135
292	SLD 7	1.44	-2.49	42.59	12.5024	-0.0221	-0.4474



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
292	SLD 8	1.7	-2.36	42.73	12.5402	-0.0225	-0.5253
292	SLD 9	-0.86	0.95	45.69	13.0842	-0.0301	0.2594
292	SLD 10	-0.61	1.07	45.83	13.122	-0.0305	0.1815
292	SLD 11	-1.15	-2.79	43.68	12.7617	-0.0287	0.3475
292	SLD 12	-0.89	-2.67	43.82	12.7995	-0.0291	0.2697
292	SLD 13	-4.05	-0.74	46.23	13.264	-0.0371	1.2379
292	SLD 14	-3.66	-0.56	46.44	13.3214	-0.0377	1.1196
292	SLD 15	-4.14	-1.87	45.63	13.1673	-0.0367	1.2643
292	SLD 16	-3.75	-1.68	45.83	13.2247	-0.0373	1.1461
292	SLV 1	10.16	1.54	40.39	11.8447	-0.0007	-3.1252
292	SLV 2	11.07	1.97	40.88	11.9784	-0.0022	-3.4006
292	SLV 3	9.97	-1.01	39.02	11.6236	0.0003	-3.0646
292	SLV 4	10.87	-0.58	39.51	11.7572	-0.0011	-3.34
292	SLV 5	3.48	3.75	45.06	12.8341	-0.02	-1.0748
292	SLV 6	4.06	4.03	45.37	12.9206	-0.0209	-1.253
292	SLV 7	2.83	-4.73	40.49	12.0971	-0.0165	-0.8728
292	SLV 8	3.42	-4.45	40.81	12.1835	-0.0174	-1.0509
292	SLV 9	-2.58	3.04	47.61	13.4409	-0.0352	0.785
292	SLV 10	-2	3.32	47.93	13.5273	-0.0361	0.6068
292	SLV 11	-3.23	-5.44	43.05	12.7038	-0.0317	0.987
292	SLV 12	-2.64	-5.16	43.36	12.7902	-0.0327	0.8089
292	SLV 13	-10.04	-0.84	48.91	13.8672	-0.0515	3.074
292	SLV 14	-9.13	-0.4	49.4	14.0008	-0.053	2.7987
292	SLV 15	-10.23	-3.38	47.54	13.646	-0.0505	3.1346
292	SLV 16	-9.33	-2.95	48.03	13.7796	-0.0519	2.8593
292	CRTFP Ux+	0	0	0	0	0	0
292	CRTFP Ux-	0	0	0	0	0	0
292	CRTFP Uy+	0	0	0	0	0	0
292	CRTFP Uy-	0	0	0	0	0	0
293	SLU 1	0.34	-0.65	36.42	10.404	0.9039	-0.0899
293	SLU 2	0.32	-0.58	36.42	10.3972	0.9039	-0.0827
293	SLU 3	0.35	-0.66	37.27	10.6455	0.9248	-0.0926
293	SLU 4	0.34	-0.62	37.26	10.6415	0.9248	-0.0883
293	SLU 5	0.32	-0.6	36.95	10.5487	0.9171	-0.0836
293	SLU 6	0.36	-0.67	37.8	10.797	0.938	-0.0936
293	SLU 7	0.34	-0.63	37.8	10.793	0.938	-0.0893
293	SLU 8	0.35	-0.68	37.49	10.707	0.9303	-0.0918
293	SLU 9	0.33	-0.64	37.49	10.7029	0.9303	-0.0875
293	SLU 10	0.33	-0.6	40.7	11.6196	1.0104	-0.0884
293	SLU 11	0.37	-0.68	41.55	11.8679	1.0313	-0.0984
293	SLU 12	0.36	-0.64	41.55	11.8638	1.0313	-0.0941
293	SLU 13	0.34	-0.61	41.23	11.7711	1.0236	-0.0894
293	SLU 14	0.38	-0.69	42.08	12.0194	1.0445	-0.0994
293	SLU 15	0.36	-0.65	42.08	12.0153	1.0445	-0.0951
293	SLU 16	0.37	-0.69	41.77	11.9293	1.0368	-0.0976
293	SLU 17	0.35	-0.65	41.77	11.9253	1.0368	-0.0932
293	SLU 18	0.37	-0.68	42.54	12.1502	1.056	-0.0981
293	SLU 19	0.35	-0.64	42.54	12.1461	1.056	-0.0938
293	SLU 20	0.38	-0.69	43.07	12.3017	1.0692	-0.0991
293	SLU 21	0.36	-0.65	43.07	12.2976	1.0692	-0.0948
293	SLU 22	0.4	-0.64	40.33	11.5293	1.0006	-0.1074
293	SLU 23	0.37	-0.57	40.33	11.5226	1.0006	-0.1002
293	SLU 24	0.41	-0.65	41.18	11.7709	1.0215	-0.1102
293	SLU 25	0.39	-0.61	41.17	11.7668	1.0215	-0.1059
293	SLU 26	0.37	-0.58	40.86	11.6741	1.0138	-0.1012
293	SLU 27	0.41	-0.66	41.71	11.9224	1.0347	-0.1111
293	SLU 28	0.4	-0.62	41.71	11.9183	1.0347	-0.1068
293	SLU 29	0.41	-0.66	41.4	11.8323	1.027	-0.1093
293	SLU 30	0.39	-0.62	41.4	11.8282	1.027	-0.105
293	SLU 31	0.39	-0.59	44.61	12.7449	1.1071	-0.106
293	SLU 32	0.43	-0.66	45.46	12.9932	1.1279	-0.1159
293	SLU 33	0.41	-0.62	45.46	12.9892	1.128	-0.1116
293	SLU 34	0.39	-0.6	45.14	12.8964	1.1203	-0.1069
293	SLU 35	0.43	-0.68	45.99	13.1447	1.1411	-0.1169
293	SLU 36	0.42	-0.64	45.99	13.1407	1.1412	-0.1126
293	SLU 37	0.43	-0.68	45.68	13.0546	1.1334	-0.1151
293	SLU 38	0.41	-0.64	45.68	13.0506	1.1335	-0.1108
293	SLU 39	0.43	-0.66	46.45	13.2755	1.1526	-0.1156
293	SLU 40	0.41	-0.62	46.45	13.2714	1.1527	-0.1113
293	SLU 41	0.43	-0.67	46.98	13.427	1.1658	-0.1166
293	SLU 42	0.41	-0.63	46.98	13.4229	1.1659	-0.1123
293	SLU 43	0.43	-0.85	46.01	13.1393	1.1419	-0.1108
293	SLU 44	0.4	-0.79	46	13.1326	1.1419	-0.1036
293	SLU 45	0.44	-0.86	46.86	13.3809	1.1628	-0.1136
293	SLU 46	0.42	-0.82	46.85	13.3769	1.1629	-0.1093
293	SLU 47	0.4	-0.8	46.54	13.2841	1.1552	-0.1046
293	SLU 48	0.44	-0.88	47.39	13.5324	1.176	-0.1146
293	SLU 49	0.42	-0.83	47.39	13.5284	1.1761	-0.1102
293	SLU 50	0.44	-0.88	47.08	13.4423	1.1683	-0.1128
293	SLU 51	0.42	-0.84	47.07	13.4383	1.1684	-0.1084
293	SLU 52	0.42	-0.8	50.29	14.3549	1.2484	-0.1094
293	SLU 53	0.46	-0.88	51.14	14.6032	1.2693	-0.1194
293	SLU 54	0.44	-0.84	51.13	14.5992	1.2693	-0.115
293	SLU 55	0.42	-0.81	50.82	14.5064	1.2616	-0.1104
293	SLU 56	0.46	-0.89	51.67	14.7547	1.2825	-0.1203
293	SLU 57	0.44	-0.85	51.67	14.7507	1.2825	-0.116
293	SLU 58	0.46	-0.89	51.36	14.6647	1.2748	-0.1185
293	SLU 59	0.44	-0.85	51.36	14.6606	1.2748	-0.1142
293	SLU 60	0.46	-0.88	52.13	14.8855	1.294	-0.1191



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
293	SLU 61	0.44	-0.84	52.12	14.8815	1.294	-0.1148
293	SLU 62	0.46	-0.89	52.66	15.037	1.3072	-0.12
293	SLU 63	0.44	-0.85	52.66	15.033	1.3072	-0.1157
293	SLU 64	0.48	-0.84	49.92	14.2646	1.2386	-0.1284
293	SLU 65	0.45	-0.77	49.91	14.2579	1.2386	-0.1212
293	SLU 66	0.49	-0.85	50.76	14.5062	1.2595	-0.1311
293	SLU 67	0.48	-0.81	50.76	14.5022	1.2595	-0.1268
293	SLU 68	0.46	-0.78	50.45	14.4094	1.2518	-0.1221
293	SLU 69	0.5	-0.86	51.3	14.6577	1.2727	-0.1321
293	SLU 70	0.48	-0.82	51.29	14.6537	1.2727	-0.1278
293	SLU 71	0.49	-0.86	50.99	14.5676	1.265	-0.1303
293	SLU 72	0.47	-0.82	50.98	14.5636	1.265	-0.126
293	SLU 73	0.47	-0.79	54.2	15.4803	1.3451	-0.1269
293	SLU 74	0.51	-0.87	55.05	15.7286	1.366	-0.1369
293	SLU 75	0.5	-0.82	55.04	15.7245	1.366	-0.1326
293	SLU 76	0.48	-0.8	54.73	15.6318	1.3583	-0.1279
293	SLU 77	0.52	-0.88	55.58	15.8801	1.3792	-0.1379
293	SLU 78	0.5	-0.84	55.58	15.876	1.3792	-0.1335
293	SLU 79	0.51	-0.88	55.27	15.79	1.3714	-0.136
293	SLU 80	0.49	-0.84	55.26	15.7859	1.3715	-0.1317
293	SLU 81	0.51	-0.86	56.04	16.0108	1.3906	-0.1366
293	SLU 82	0.49	-0.82	56.03	16.0068	1.3907	-0.1323
293	SLU 83	0.52	-0.88	56.57	16.1623	1.4039	-0.1376
293	SLU 84	0.5	-0.83	56.57	16.1583	1.4039	-0.1332
293	SLE RA 1	0.36	-0.65	37.54	10.7255	0.9315	-0.0949
293	SLE RA 2	0.34	-0.6	37.54	10.721	0.9315	-0.0901
293	SLE RA 3	0.37	-0.66	38.1	10.8865	0.9455	-0.0967
293	SLE RA 4	0.35	-0.63	38.1	10.8838	0.9455	-0.0939
293	SLE RA 5	0.34	-0.61	37.89	10.822	0.9403	-0.0907
293	SLE RA 6	0.37	-0.66	38.46	10.9875	0.9543	-0.0974
293	SLE RA 7	0.36	-0.64	38.46	10.9848	0.9543	-0.0945
293	SLE RA 8	0.37	-0.67	38.25	10.9275	0.9491	-0.0962
293	SLE RA 9	0.35	-0.64	38.25	10.9248	0.9491	-0.0933
293	SLE RA 10	0.35	-0.61	40.39	11.5359	1.0025	-0.0939
293	SLE RA 11	0.38	-0.67	40.96	11.7014	1.0164	-0.1006
293	SLE RA 12	0.37	-0.64	40.96	11.6987	1.0164	-0.0977
293	SLE RA 13	0.36	-0.62	40.75	11.6369	1.0113	-0.0946
293	SLE RA 14	0.38	-0.67	41.31	11.8024	1.0252	-0.1012
293	SLE RA 15	0.37	-0.65	41.31	11.7997	1.0252	-0.0983
293	SLE RA 16	0.38	-0.68	41.11	11.7424	1.0201	-0.1
293	SLE RA 17	0.37	-0.65	41.1	11.7397	1.0201	-0.0971
293	SLE RA 18	0.38	-0.66	41.62	11.8896	1.0329	-0.1004
293	SLE RA 19	0.37	-0.64	41.62	11.8869	1.0329	-0.0975
293	SLE RA 20	0.38	-0.67	41.97	11.9906	1.0417	-0.101
293	SLE RA 21	0.37	-0.65	41.97	11.9879	1.0417	-0.0981
293	SLE FR 1	0.36	-0.65	37.54	10.7255	0.9315	-0.0949
293	SLE FR 2	0.36	-0.64	37.54	10.7246	0.9315	-0.0939
293	SLE FR 3	0.36	-0.65	37.68	10.7659	0.935	-0.0951
293	SLE FR 4	0.36	-0.64	38.76	11.0738	0.9619	-0.0956
293	SLE FR 5	0.37	-0.66	38.91	11.1151	0.9654	-0.0968
293	SLE FR 6	0.37	-0.66	39.58	11.3075	0.9822	-0.0976
293	SLE QP 1	0.36	-0.65	37.54	10.7255	0.9315	-0.0949
293	SLE QP 2	0.37	-0.65	38.76	11.0747	0.9619	-0.0965
293	SLD 1	3.94	0.21	37.03	10.6292	0.926	-1.2021
293	SLD 2	4.27	0.39	37.23	10.6836	0.9306	-1.307
293	SLD 3	3.87	-0.74	36.5	10.5431	0.9135	-1.1572
293	SLD 4	4.2	-0.57	36.7	10.5975	0.9181	-1.2621
293	SLD 5	1.49	1.03	39.02	11.0619	0.9692	-0.4775
293	SLD 6	1.71	1.14	39.15	11.0977	0.9722	-0.5466
293	SLD 7	1.25	-2.16	37.24	10.7749	0.9277	-0.3279
293	SLD 8	1.47	-2.05	37.37	10.8107	0.9307	-0.3969
293	SLD 9	-0.74	0.74	40.16	11.3388	0.9932	0.2039
293	SLD 10	-0.52	0.85	40.29	11.3745	0.9962	0.1348
293	SLD 11	-0.98	-2.45	38.38	11.0517	0.9516	0.3535
293	SLD 12	-0.76	-2.33	38.51	11.0875	0.9546	0.2844
293	SLD 13	-3.47	-0.74	40.83	11.552	1.0058	1.0691
293	SLD 14	-3.14	-0.56	41.03	11.6063	1.0103	0.9642
293	SLD 15	-3.54	-1.69	40.3	11.4658	0.9933	1.1139
293	SLD 16	-3.21	-1.52	40.5	11.5202	0.9979	1.009
293	SLV 1	8.73	1.34	34.69	10.0302	0.8774	-2.682
293	SLV 2	9.51	1.75	35.16	10.1568	0.8881	-2.9263
293	SLV 3	8.57	-0.83	33.48	9.8334	0.8491	-2.5801
293	SLV 4	9.34	-0.42	33.94	9.96	0.8598	-2.8244
293	SLV 5	2.99	3.16	39.31	11.0379	0.9776	-0.9844
293	SLV 6	3.49	3.42	39.61	11.1198	0.9845	-1.1425
293	SLV 7	2.44	-4.06	35.25	10.3819	0.8833	-0.6446
293	SLV 8	2.94	-3.8	35.55	10.4637	0.8902	-0.8027
293	SLV 9	-2.21	2.49	41.98	11.6857	1.0337	0.6096
293	SLV 10	-1.71	2.76	42.27	11.7676	1.0406	0.4515
293	SLV 11	-2.76	-4.73	37.92	11.0296	0.9393	0.9494
293	SLV 12	-2.26	-4.47	38.22	11.1115	0.9462	0.7914
293	SLV 13	-8.61	-0.89	43.59	12.1895	1.0641	2.6313
293	SLV 14	-7.83	-0.48	44.05	12.316	1.0748	2.387
293	SLV 15	-8.78	-3.05	42.37	11.9926	1.0358	2.7333
293	SLV 16	-8	-2.65	42.83	12.1192	1.0464	2.489
293	CRTFP Ux+	0	0	0	0	0	0
293	CRTFP Ux-	0	0	0	0	0	0
293	CRTFP Uy+	0	0	0	0	0	0
293	CRTFP Uy-	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
294	SLU 1	0.23	-0.45	24.86	6.8099	0.5697	-0.058
294	SLU 2	0.21	-0.4	24.85	6.8035	0.5695	-0.0533
294	SLU 3	0.24	-0.46	25.43	6.9684	0.5829	-0.0598
294	SLU 4	0.23	-0.43	25.43	6.9646	0.5828	-0.0569
294	SLU 5	0.22	-0.41	25.21	6.9029	0.5778	-0.0539
294	SLU 6	0.24	-0.47	25.8	7.0678	0.5912	-0.0604
294	SLU 7	0.23	-0.44	25.79	7.064	0.5911	-0.0576
294	SLU 8	0.24	-0.47	25.59	7.0087	0.5864	-0.0592
294	SLU 9	0.23	-0.44	25.58	7.0049	0.5862	-0.0564
294	SLU 10	0.23	-0.42	27.76	7.6024	0.6364	-0.0568
294	SLU 11	0.25	-0.47	28.35	7.7672	0.6498	-0.0633
294	SLU 12	0.24	-0.44	28.35	7.7634	0.6497	-0.0605
294	SLU 13	0.23	-0.42	28.13	7.7018	0.6447	-0.0574
294	SLU 14	0.26	-0.48	28.72	7.8666	0.6581	-0.0639
294	SLU 15	0.24	-0.45	28.71	7.8628	0.658	-0.0611
294	SLU 16	0.25	-0.48	28.5	7.8075	0.6533	-0.0628
294	SLU 17	0.24	-0.45	28.5	7.8037	0.6531	-0.0599
294	SLU 18	0.25	-0.47	29.03	7.9511	0.6652	-0.063
294	SLU 19	0.24	-0.44	29.02	7.9473	0.6651	-0.0602
294	SLU 20	0.25	-0.48	29.39	8.0505	0.6736	-0.0637
294	SLU 21	0.24	-0.45	29.38	8.0467	0.6735	-0.0608
294	SLU 22	0.27	-0.44	27.53	7.5494	0.631	-0.0693
294	SLU 23	0.25	-0.4	27.52	7.5431	0.6308	-0.0645
294	SLU 24	0.28	-0.45	28.11	7.7079	0.6442	-0.071
294	SLU 25	0.27	-0.42	28.11	7.7041	0.6441	-0.0682
294	SLU 26	0.25	-0.4	27.89	7.6425	0.6391	-0.0652
294	SLU 27	0.28	-0.46	28.48	7.8073	0.6525	-0.0717
294	SLU 28	0.27	-0.43	28.47	7.8035	0.6524	-0.0688
294	SLU 29	0.28	-0.46	28.26	7.7482	0.6477	-0.0705
294	SLU 30	0.26	-0.43	28.26	7.7444	0.6475	-0.0677
294	SLU 31	0.26	-0.41	30.44	8.3419	0.6977	-0.0681
294	SLU 32	0.29	-0.46	31.03	8.5068	0.7111	-0.0746
294	SLU 33	0.28	-0.43	31.02	8.503	0.711	-0.0718
294	SLU 34	0.27	-0.42	30.81	8.4413	0.706	-0.0687
294	SLU 35	0.29	-0.47	31.39	8.6062	0.7194	-0.0752
294	SLU 36	0.28	-0.44	31.39	8.6024	0.7193	-0.0724
294	SLU 37	0.29	-0.47	31.18	8.5471	0.7146	-0.0741
294	SLU 38	0.28	-0.44	31.18	8.5433	0.7144	-0.0712
294	SLU 39	0.29	-0.46	31.7	8.6906	0.7265	-0.0743
294	SLU 40	0.28	-0.43	31.7	8.6868	0.7264	-0.0715
294	SLU 41	0.29	-0.47	32.07	8.79	0.7349	-0.0749
294	SLU 42	0.28	-0.44	32.06	8.7862	0.7348	-0.0721
294	SLU 43	0.29	-0.59	31.4	8.5993	0.7195	-0.0715
294	SLU 44	0.27	-0.54	31.39	8.5929	0.7194	-0.0668
294	SLU 45	0.3	-0.6	31.97	8.7578	0.7328	-0.0733
294	SLU 46	0.28	-0.57	31.97	8.754	0.7327	-0.0705
294	SLU 47	0.27	-0.55	31.75	8.6923	0.7277	-0.0674
294	SLU 48	0.3	-0.6	32.34	8.8572	0.7411	-0.0739
294	SLU 49	0.29	-0.58	32.33	8.8534	0.741	-0.0711
294	SLU 50	0.3	-0.61	32.13	8.7981	0.7362	-0.0728
294	SLU 51	0.28	-0.58	32.12	8.7943	0.7361	-0.0699
294	SLU 52	0.28	-0.55	34.3	9.3918	0.7863	-0.0703
294	SLU 53	0.31	-0.61	34.89	9.5566	0.7997	-0.0768
294	SLU 54	0.3	-0.58	34.89	9.5528	0.7996	-0.074
294	SLU 55	0.29	-0.56	34.67	9.4912	0.7946	-0.071
294	SLU 56	0.31	-0.62	35.26	9.656	0.808	-0.0775
294	SLU 57	0.3	-0.59	35.25	9.6522	0.8079	-0.0746
294	SLU 58	0.31	-0.62	35.04	9.5969	0.8031	-0.0763
294	SLU 59	0.3	-0.59	35.04	9.5931	0.803	-0.0735
294	SLU 60	0.31	-0.61	35.56	9.7405	0.8151	-0.0766
294	SLU 61	0.3	-0.58	35.56	9.7367	0.815	-0.0737
294	SLU 62	0.31	-0.62	35.93	9.8399	0.8235	-0.0772
294	SLU 63	0.3	-0.59	35.92	9.8361	0.8233	-0.0744
294	SLU 64	0.33	-0.58	34.07	9.3388	0.7808	-0.0828
294	SLU 65	0.31	-0.53	34.06	9.3325	0.7806	-0.0781
294	SLU 66	0.33	-0.59	34.65	9.4973	0.7941	-0.0846
294	SLU 67	0.32	-0.56	34.64	9.4935	0.7939	-0.0817
294	SLU 68	0.31	-0.54	34.43	9.4319	0.789	-0.0787
294	SLU 69	0.34	-0.6	35.02	9.5967	0.8024	-0.0852
294	SLU 70	0.33	-0.57	35.01	9.5929	0.8023	-0.0824
294	SLU 71	0.33	-0.6	34.8	9.5376	0.7975	-0.084
294	SLU 72	0.32	-0.57	34.8	9.5338	0.7974	-0.0812
294	SLU 73	0.32	-0.55	36.98	10.1314	0.8475	-0.0816
294	SLU 74	0.35	-0.6	37.57	10.2962	0.861	-0.0881
294	SLU 75	0.34	-0.57	37.56	10.2924	0.8608	-0.0853
294	SLU 76	0.32	-0.55	37.35	10.2307	0.8559	-0.0822
294	SLU 77	0.35	-0.61	37.93	10.3956	0.8693	-0.0887
294	SLU 78	0.34	-0.58	37.93	10.3918	0.8692	-0.0859
294	SLU 79	0.35	-0.61	37.72	10.3365	0.8644	-0.0876
294	SLU 80	0.33	-0.58	37.71	10.3327	0.8643	-0.0847
294	SLU 81	0.35	-0.6	38.24	10.48	0.8764	-0.0878
294	SLU 82	0.33	-0.57	38.24	10.4762	0.8763	-0.085
294	SLU 83	0.35	-0.61	38.61	10.5794	0.8848	-0.0885
294	SLU 84	0.34	-0.58	38.6	10.5756	0.8846	-0.0856
294	SLE RA 1	0.24	-0.45	25.62	7.0212	0.5872	-0.0612
294	SLE RA 2	0.23	-0.42	25.62	7.017	0.587	-0.0581
294	SLE RA 3	0.25	-0.45	26.01	7.1268	0.596	-0.0624
294	SLE RA 4	0.24	-0.43	26	7.1243	0.5959	-0.0605
294	SLE RA 5	0.23	-0.42	25.86	7.0832	0.5926	-0.0585



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
294	SLE RA 6	0.25	-0.46	26.25	7.1931	0.6016	-0.0628
294	SLE RA 7	0.24	-0.44	26.25	7.1906	0.6015	-0.0609
294	SLE RA 8	0.25	-0.46	26.11	7.1537	0.5983	-0.062
294	SLE RA 9	0.24	-0.44	26.1	7.1512	0.5982	-0.0602
294	SLE RA 10	0.24	-0.43	27.56	7.5495	0.6316	-0.0604
294	SLE RA 11	0.26	-0.46	27.95	7.6594	0.6406	-0.0648
294	SLE RA 12	0.25	-0.44	27.95	7.6569	0.6405	-0.0629
294	SLE RA 13	0.24	-0.43	27.8	7.6158	0.6372	-0.0608
294	SLE RA 14	0.26	-0.47	28.2	7.7257	0.6462	-0.0652
294	SLE RA 15	0.25	-0.45	28.19	7.7231	0.6461	-0.0633
294	SLE RA 16	0.26	-0.47	28.05	7.6863	0.6429	-0.0644
294	SLE RA 17	0.25	-0.45	28.05	7.6837	0.6428	-0.0625
294	SLE RA 18	0.26	-0.46	28.4	7.782	0.6509	-0.0646
294	SLE RA 19	0.25	-0.44	28.4	7.7795	0.6508	-0.0627
294	SLE RA 20	0.26	-0.47	28.64	7.8483	0.6565	-0.065
294	SLE RA 21	0.25	-0.45	28.64	7.8457	0.6564	-0.0631
294	SLE FR 1	0.24	-0.45	25.62	7.0212	0.5872	-0.0612
294	SLE FR 2	0.24	-0.44	25.62	7.0203	0.5871	-0.0606
294	SLE FR 3	0.24	-0.45	25.72	7.0477	0.5894	-0.0614
294	SLE FR 4	0.24	-0.45	26.45	7.2486	0.6063	-0.0616
294	SLE FR 5	0.25	-0.45	26.55	7.2759	0.6085	-0.0624
294	SLE FR 6	0.25	-0.45	27.01	7.4016	0.619	-0.0629
294	SLE QP 1	0.24	-0.45	25.62	7.0212	0.5872	-0.0612
294	SLE QP 2	0.25	-0.45	26.46	7.2494	0.6063	-0.0622
294	SLD 1	2.64	0.14	25.11	6.9114	0.5776	-0.7751
294	SLD 2	2.87	0.26	25.25	6.9495	0.5808	-0.8429
294	SLD 3	2.6	-0.5	24.73	6.8523	0.5695	-0.747
294	SLD 4	2.82	-0.38	24.87	6.8904	0.5727	-0.8149
294	SLD 5	1	0.67	26.6	7.2308	0.6093	-0.3065
294	SLD 6	1.15	0.75	26.69	7.2559	0.6114	-0.3511
294	SLD 7	0.84	-1.46	25.34	7.0338	0.5825	-0.2129
294	SLD 8	0.99	-1.38	25.43	7.0589	0.5846	-0.2576
294	SLD 9	-0.49	0.47	27.48	7.4399	0.628	0.1332
294	SLD 10	-0.34	0.55	27.57	7.465	0.6301	0.0885
294	SLD 11	-0.65	-1.65	26.22	7.2429	0.6011	0.2267
294	SLD 12	-0.5	-1.57	26.31	7.268	0.6032	0.182
294	SLD 13	-2.32	-0.52	28.04	7.6084	0.6398	0.6904
294	SLD 14	-2.1	-0.4	28.18	7.6465	0.643	0.6226
294	SLD 15	-2.37	-1.16	27.66	7.5493	0.6318	0.7185
294	SLD 16	-2.15	-1.04	27.8	7.5874	0.635	0.6506
294	SLV 1	5.85	0.9	23.29	6.457	0.5389	-1.7293
294	SLV 2	6.38	1.19	23.62	6.5457	0.5463	-1.8873
294	SLV 3	5.74	-0.55	22.43	6.322	0.5206	-1.6656
294	SLV 4	6.26	-0.26	22.77	6.4107	0.528	-1.8236
294	SLV 5	2.01	2.1	26.75	7.201	0.6126	-0.6316
294	SLV 6	2.34	2.28	26.96	7.2584	0.6174	-0.7338
294	SLV 7	1.64	-2.72	23.89	6.7511	0.5515	-0.4192
294	SLV 8	1.97	-2.54	24.11	6.8085	0.5563	-0.5214
294	SLV 9	-1.48	1.63	28.8	7.6904	0.6563	0.397
294	SLV 10	-1.14	1.82	29.02	7.7478	0.6611	0.2947
294	SLV 11	-1.85	-3.19	25.95	7.2404	0.5952	0.6094
294	SLV 12	-1.51	-3	26.16	7.2978	0.6	0.5072
294	SLV 13	-5.77	-0.64	30.14	8.0882	0.6846	1.6992
294	SLV 14	-5.25	-0.36	30.48	8.1769	0.692	1.5412
294	SLV 15	-5.88	-2.09	29.29	7.9532	0.6662	1.7629
294	SLV 16	-5.36	-1.8	29.62	8.0419	0.6737	1.6049
294	CRTFP Ux+	0	0	0	0	0	0
294	CRTFP Ux-	0	0	0	0	0	0
294	CRTFP Uy+	0	0	0	0	0	0
294	CRTFP Uy-	0	0	0	0	0	0
295	SLU 1	0.42	-0.8	44.92	14.1327	-1.0893	-0.1586
295	SLU 2	0.39	-0.71	44.89	14.1147	-1.0878	-0.1444
295	SLU 3	0.43	-0.81	45.97	14.4627	-1.1148	-0.163
295	SLU 4	0.41	-0.76	45.95	14.4519	-1.1139	-0.1545
295	SLU 5	0.39	-0.73	45.55	14.3216	-1.1039	-0.1465
295	SLU 6	0.44	-0.83	46.63	14.6697	-1.1309	-0.1651
295	SLU 7	0.42	-0.77	46.61	14.6589	-1.1301	-0.1566
295	SLU 8	0.43	-0.83	46.25	14.5466	-1.1215	-0.1628
295	SLU 9	0.41	-0.78	46.23	14.5358	-1.1206	-0.1543
295	SLU 10	0.41	-0.73	50.16	15.7704	-1.2154	-0.1527
295	SLU 11	0.46	-0.83	51.24	16.1185	-1.2424	-0.1712
295	SLU 12	0.43	-0.78	51.22	16.1077	-1.2415	-0.1627
295	SLU 13	0.41	-0.75	50.82	15.9774	-1.2315	-0.1548
295	SLU 14	0.46	-0.85	51.9	16.3254	-1.2585	-0.1733
295	SLU 15	0.44	-0.8	51.88	16.3146	-1.2576	-0.1648
295	SLU 16	0.45	-0.85	51.51	16.2024	-1.2491	-0.171
295	SLU 17	0.43	-0.8	51.49	16.1916	-1.2482	-0.1625
295	SLU 18	0.45	-0.83	52.45	16.4981	-1.2715	-0.1704
295	SLU 19	0.43	-0.78	52.43	16.4873	-1.2706	-0.1619
295	SLU 20	0.46	-0.85	53.11	16.705	-1.2876	-0.1725
295	SLU 21	0.44	-0.79	53.09	16.6942	-1.2867	-0.164
295	SLU 22	0.49	-0.79	49.79	15.6747	-1.2082	-0.1813
295	SLU 23	0.45	-0.7	49.75	15.6567	-1.2068	-0.1671
295	SLU 24	0.5	-0.8	50.83	16.0047	-1.2338	-0.1857
295	SLU 25	0.48	-0.75	50.81	15.9939	-1.2329	-0.1771
295	SLU 26	0.46	-0.71	50.41	15.8636	-1.2229	-0.1692
295	SLU 27	0.51	-0.82	51.49	16.2117	-1.2499	-0.1877
295	SLU 28	0.49	-0.76	51.48	16.2009	-1.249	-0.1792
295	SLU 29	0.5	-0.82	51.11	16.0886	-1.2405	-0.1855



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
295	SLU 30	0.48	-0.77	51.09	16.0778	-1.2396	-0.1769
295	SLU 31	0.48	-0.72	55.02	17.3124	-1.3343	-0.1753
295	SLU 32	0.52	-0.82	56.1	17.6605	-1.3613	-0.1939
295	SLU 33	0.5	-0.77	56.08	17.6496	-1.3605	-0.1854
295	SLU 34	0.48	-0.74	55.68	17.5194	-1.3505	-0.1774
295	SLU 35	0.53	-0.84	56.76	17.8674	-1.3775	-0.196
295	SLU 36	0.51	-0.79	56.74	17.8566	-1.3766	-0.1875
295	SLU 37	0.52	-0.84	56.38	17.7444	-1.368	-0.1937
295	SLU 38	0.5	-0.79	56.36	17.7335	-1.3672	-0.1852
295	SLU 39	0.52	-0.82	57.31	18.0401	-1.3905	-0.193
295	SLU 40	0.5	-0.77	57.29	18.0292	-1.3896	-0.1845
295	SLU 41	0.53	-0.84	57.97	18.247	-1.4066	-0.1951
295	SLU 42	0.51	-0.78	57.95	18.2362	-1.4057	-0.1866
295	SLU 43	0.52	-1.04	56.73	17.8438	-1.3753	-0.1984
295	SLU 44	0.49	-0.95	56.7	17.8258	-1.3738	-0.1843
295	SLU 45	0.54	-1.05	57.78	18.1739	-1.4008	-0.2028
295	SLU 46	0.51	-1	57.76	18.163	-1.3999	-0.1943
295	SLU 47	0.49	-0.97	57.36	18.0328	-1.3899	-0.1863
295	SLU 48	0.54	-1.07	58.44	18.3808	-1.4169	-0.2049
295	SLU 49	0.52	-1.02	58.42	18.37	-1.416	-0.1964
295	SLU 50	0.53	-1.07	58.05	18.2578	-1.4075	-0.2026
295	SLU 51	0.51	-1.02	58.03	18.2469	-1.4066	-0.1941
295	SLU 52	0.51	-0.98	61.97	19.4816	-1.5014	-0.1925
295	SLU 53	0.56	-1.08	63.05	19.8296	-1.5283	-0.2111
295	SLU 54	0.54	-1.02	63.03	19.8188	-1.5275	-0.2025
295	SLU 55	0.52	-0.99	62.63	19.6885	-1.5175	-0.1946
295	SLU 56	0.56	-1.09	63.71	20.0366	-1.5445	-0.2131
295	SLU 57	0.54	-1.04	63.69	20.0258	-1.5436	-0.2046
295	SLU 58	0.56	-1.09	63.32	19.9135	-1.535	-0.2109
295	SLU 59	0.54	-1.04	63.3	19.9027	-1.5342	-0.2023
295	SLU 60	0.56	-1.07	64.26	20.2092	-1.5575	-0.2102
295	SLU 61	0.54	-1.02	64.24	20.1984	-1.5566	-0.2017
295	SLU 62	0.56	-1.09	64.92	20.4162	-1.5736	-0.2123
295	SLU 63	0.54	-1.04	64.9	20.4053	-1.5727	-0.2038
295	SLU 64	0.59	-1.03	61.6	19.3858	-1.4942	-0.2211
295	SLU 65	0.56	-0.94	61.56	19.3678	-1.4928	-0.2069
295	SLU 66	0.6	-1.04	62.64	19.7158	-1.5198	-0.2255
295	SLU 67	0.58	-0.99	62.62	19.705	-1.5189	-0.217
295	SLU 68	0.56	-0.96	62.22	19.5747	-1.5089	-0.209
295	SLU 69	0.61	-1.06	63.3	19.9228	-1.5359	-0.2276
295	SLU 70	0.59	-1.01	63.28	19.912	-1.535	-0.2191
295	SLU 71	0.6	-1.06	62.92	19.7997	-1.5265	-0.2253
295	SLU 72	0.58	-1.01	62.9	19.7889	-1.5256	-0.2168
295	SLU 73	0.58	-0.97	66.83	21.0235	-1.6203	-0.2152
295	SLU 74	0.63	-1.07	67.91	21.3716	-1.6473	-0.2337
295	SLU 75	0.61	-1.01	67.89	21.3608	-1.6465	-0.2252
295	SLU 76	0.58	-0.98	67.49	21.2305	-1.6365	-0.2172
295	SLU 77	0.63	-1.08	68.57	21.5786	-1.6634	-0.2358
295	SLU 78	0.61	-1.03	68.55	21.5677	-1.6626	-0.2273
295	SLU 79	0.63	-1.08	68.19	21.4555	-1.654	-0.2335
295	SLU 80	0.6	-1.03	68.17	21.4447	-1.6532	-0.225
295	SLU 81	0.63	-1.06	69.12	21.7512	-1.6765	-0.2329
295	SLU 82	0.6	-1.01	69.1	21.7404	-1.6756	-0.2244
295	SLU 83	0.63	-1.08	69.78	21.9581	-1.6926	-0.235
295	SLU 84	0.61	-1.03	69.76	21.9473	-1.6917	-0.2264
295	SLE RA 1	0.44	-0.79	46.31	14.5733	-1.1233	-0.1651
295	SLE RA 2	0.42	-0.74	46.29	14.5613	-1.1223	-0.1556
295	SLE RA 3	0.45	-0.8	47.01	14.7933	-1.1403	-0.168
295	SLE RA 4	0.43	-0.77	47	14.7861	-1.1397	-0.1623
295	SLE RA 5	0.42	-0.75	46.73	14.6992	-1.133	-0.157
295	SLE RA 6	0.45	-0.81	47.45	14.9313	-1.151	-0.1694
295	SLE RA 7	0.44	-0.78	47.44	14.924	-1.1505	-0.1637
295	SLE RA 8	0.45	-0.81	47.19	14.8492	-1.1448	-0.1679
295	SLE RA 9	0.43	-0.78	47.18	14.842	-1.1442	-0.1622
295	SLE RA 10	0.43	-0.75	49.8	15.6651	-1.2073	-0.1611
295	SLE RA 11	0.46	-0.82	50.52	15.8971	-1.2253	-0.1735
295	SLE RA 12	0.45	-0.78	50.51	15.8899	-1.2247	-0.1678
295	SLE RA 13	0.44	-0.76	50.24	15.8031	-1.2181	-0.1625
295	SLE RA 14	0.47	-0.83	50.96	16.0351	-1.2361	-0.1749
295	SLE RA 15	0.45	-0.79	50.95	16.0279	-1.2355	-0.1692
295	SLE RA 16	0.46	-0.83	50.71	15.9531	-1.2298	-0.1734
295	SLE RA 17	0.45	-0.8	50.69	15.9458	-1.2292	-0.1677
295	SLE RA 18	0.46	-0.82	51.33	16.1502	-1.2447	-0.1729
295	SLE RA 19	0.45	-0.78	51.32	16.143	-1.2442	-0.1673
295	SLE RA 20	0.47	-0.83	51.77	16.2882	-1.2555	-0.1743
295	SLE RA 21	0.45	-0.79	51.76	16.2809	-1.2549	-0.1687
295	SLE FR 1	0.44	-0.79	46.31	14.5733	-1.1233	-0.1651
295	SLE FR 2	0.44	-0.78	46.31	14.5709	-1.1231	-0.1632
295	SLE FR 3	0.44	-0.8	46.49	14.6285	-1.1276	-0.1657
295	SLE FR 4	0.44	-0.79	47.81	15.0439	-1.1595	-0.1656
295	SLE FR 5	0.45	-0.8	47.99	15.1015	-1.164	-0.168
295	SLE FR 6	0.45	-0.81	48.82	15.3617	-1.184	-0.169
295	SLE QP 1	0.44	-0.79	46.31	14.5733	-1.1233	-0.1651
295	SLE QP 2	0.45	-0.8	47.82	15.0463	-1.1597	-0.1675
295	SLD 1	4.73	0.24	45.05	14.2243	-1.0764	-1.567
295	SLD 2	5.13	0.47	45.32	14.3104	-1.084	-1.6943
295	SLD 3	4.64	-0.9	44.36	14.0884	-1.0585	-1.5825
295	SLD 4	5.04	-0.67	44.64	14.1745	-1.0661	-1.7099
295	SLD 5	1.79	1.19	47.98	14.9905	-1.1606	-0.5408



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
295	SLD 6	2.06	1.34	48.16	15.0471	-1.1656	-0.6247
295	SLD 7	1.5	-2.59	45.69	14.5374	-1.1008	-0.5928
295	SLD 8	1.76	-2.44	45.88	14.594	-1.1058	-0.6767
295	SLD 9	-0.87	0.84	49.76	15.4986	-1.2136	0.3417
295	SLD 10	-0.61	0.99	49.94	15.5553	-1.2186	0.2579
295	SLD 11	-1.16	-2.94	47.48	15.0456	-1.1538	0.2898
295	SLD 12	-0.9	-2.79	47.66	15.1022	-1.1589	0.2059
295	SLD 13	-4.14	-0.93	51	15.9182	-1.2533	1.375
295	SLD 14	-3.74	-0.7	51.27	16.0043	-1.2609	1.2476
295	SLD 15	-4.23	-2.07	50.31	15.7823	-1.2354	1.3594
295	SLD 16	-3.83	-1.84	50.59	15.8684	-1.243	1.2321
295	SLV 1	10.46	1.59	41.31	13.119	-0.9641	-3.4419
295	SLV 2	11.39	2.12	41.96	13.3194	-0.9819	-3.7385
295	SLV 3	10.26	-0.99	39.76	12.8091	-0.9234	-3.4789
295	SLV 4	11.19	-0.45	40.4	13.0095	-0.9412	-3.7755
295	SLV 5	3.59	3.72	48.11	14.9034	-1.1597	-1.0422
295	SLV 6	4.19	4.07	48.53	15.0331	-1.1712	-1.2341
295	SLV 7	2.93	-4.85	42.93	13.8704	-1.024	-1.1655
295	SLV 8	3.53	-4.5	43.35	14	-1.0355	-1.3574
295	SLV 9	-2.63	2.9	52.29	16.0927	-1.2839	1.0225
295	SLV 10	-2.03	3.25	52.71	16.2223	-1.2954	0.8306
295	SLV 11	-3.3	-5.67	47.1	15.0596	-1.1482	0.8992
295	SLV 12	-2.7	-5.33	47.52	15.1893	-1.1597	0.7073
295	SLV 13	-10.29	-1.15	55.23	17.0832	-1.3783	3.4406
295	SLV 14	-9.36	-0.62	55.88	17.2836	-1.396	3.144
295	SLV 15	-10.49	-3.72	53.68	16.7733	-1.3375	3.4036
295	SLV 16	-9.56	-3.19	54.33	16.9737	-1.3553	3.107
295	CRTFP Ux+	0	0	0	0	0	0
295	CRTFP Ux-	0	0	0	0	0	0
295	CRTFP Uy+	0	0	0	0	0	0
295	CRTFP Uy-	0	0	0	0	0	0
296	SLU 1	0.3	-0.52	31.4	10.1827	-0.8849	-0.1169
296	SLU 2	0.27	-0.46	31.36	10.1672	-0.8837	-0.1064
296	SLU 3	0.3	-0.53	32.13	10.4208	-0.9057	-0.1202
296	SLU 4	0.29	-0.49	32.11	10.4115	-0.905	-0.1138
296	SLU 5	0.27	-0.47	31.83	10.3165	-0.8968	-0.1079
296	SLU 6	0.31	-0.54	32.6	10.5701	-0.9188	-0.1217
296	SLU 7	0.29	-0.5	32.58	10.5608	-0.9181	-0.1154
296	SLU 8	0.3	-0.54	32.33	10.4813	-0.9112	-0.1201
296	SLU 9	0.29	-0.5	32.3	10.472	-0.9104	-0.1137
296	SLU 10	0.29	-0.47	35.04	11.3555	-0.9873	-0.1122
296	SLU 11	0.32	-0.54	35.81	11.6091	-1.0094	-0.126
296	SLU 12	0.31	-0.5	35.79	11.5998	-1.0086	-0.1197
296	SLU 13	0.29	-0.48	35.51	11.5048	-1.0004	-0.1138
296	SLU 14	0.32	-0.55	36.28	11.7584	-1.0225	-0.1276
296	SLU 15	0.31	-0.52	36.25	11.7491	-1.0217	-0.1213
296	SLU 16	0.32	-0.55	36.01	11.6696	-1.0148	-0.1259
296	SLU 17	0.3	-0.52	35.98	11.6602	-1.0141	-0.1196
296	SLU 18	0.32	-0.54	36.65	11.8803	-1.033	-0.1253
296	SLU 19	0.3	-0.5	36.63	11.8709	-1.0322	-0.1189
296	SLU 20	0.32	-0.55	37.12	12.0295	-1.0461	-0.1269
296	SLU 21	0.31	-0.51	37.1	12.0202	-1.0454	-0.1205
296	SLU 22	0.34	-0.51	34.82	11.2965	-0.9816	-0.1334
296	SLU 23	0.32	-0.45	34.78	11.281	-0.9804	-0.1228
296	SLU 24	0.35	-0.52	35.55	11.5346	-1.0024	-0.1366
296	SLU 25	0.34	-0.48	35.53	11.5253	-1.0017	-0.1303
296	SLU 26	0.32	-0.46	35.24	11.4302	-0.9935	-0.1244
296	SLU 27	0.36	-0.53	36.01	11.6838	-1.0155	-0.1382
296	SLU 28	0.34	-0.49	35.99	11.6745	-1.0148	-0.1319
296	SLU 29	0.35	-0.53	35.74	11.595	-1.0079	-0.1365
296	SLU 30	0.34	-0.49	35.72	11.5857	-1.0071	-0.1302
296	SLU 31	0.33	-0.46	38.46	12.4692	-1.084	-0.1287
296	SLU 32	0.37	-0.53	39.23	12.7228	-1.1061	-0.1425
296	SLU 33	0.35	-0.5	39.21	12.7135	-1.1053	-0.1361
296	SLU 34	0.34	-0.47	38.92	12.6185	-1.0971	-0.1302
296	SLU 35	0.37	-0.54	39.69	12.8721	-1.1192	-0.144
296	SLU 36	0.36	-0.51	39.67	12.8628	-1.1184	-0.1377
296	SLU 37	0.37	-0.54	39.42	12.7833	-1.1115	-0.1424
296	SLU 38	0.35	-0.51	39.4	12.774	-1.1108	-0.136
296	SLU 39	0.37	-0.53	40.07	12.994	-1.1297	-0.1417
296	SLU 40	0.35	-0.49	40.05	12.9847	-1.129	-0.1354
296	SLU 41	0.37	-0.54	40.54	13.1433	-1.1428	-0.1433
296	SLU 42	0.36	-0.5	40.52	13.134	-1.1421	-0.137
296	SLU 43	0.37	-0.68	39.65	12.8557	-1.1173	-0.1463
296	SLU 44	0.34	-0.62	39.61	12.8402	-1.116	-0.1358
296	SLU 45	0.38	-0.69	40.38	13.0938	-1.138	-0.1496
296	SLU 46	0.36	-0.65	40.36	13.0845	-1.1373	-0.1433
296	SLU 47	0.35	-0.63	40.07	12.9894	-1.1291	-0.1374
296	SLU 48	0.38	-0.7	40.84	13.2431	-1.1512	-0.1512
296	SLU 49	0.37	-0.66	40.82	13.2338	-1.1504	-0.1448
296	SLU 50	0.38	-0.7	40.57	13.1543	-1.1435	-0.1495
296	SLU 51	0.36	-0.66	40.55	13.1449	-1.1427	-0.1432
296	SLU 52	0.36	-0.63	43.29	14.0284	-1.2197	-0.1416
296	SLU 53	0.39	-0.7	44.06	14.282	-1.2417	-0.1554
296	SLU 54	0.38	-0.66	44.04	14.2727	-1.2409	-0.1491
296	SLU 55	0.36	-0.64	43.75	14.1777	-1.2328	-0.1432
296	SLU 56	0.4	-0.71	44.52	14.4313	-1.2548	-0.157
296	SLU 57	0.38	-0.67	44.5	14.422	-1.254	-0.1507
296	SLU 58	0.39	-0.71	44.25	14.3425	-1.2471	-0.1554



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
296	SLU 59	0.38	-0.67	44.23	14.3332	-1.2464	-0.149
296	SLU 60	0.39	-0.7	44.9	14.5532	-1.2653	-0.1547
296	SLU 61	0.38	-0.66	44.88	14.5439	-1.2646	-0.1484
296	SLU 62	0.39	-0.71	45.37	14.7025	-1.2784	-0.1563
296	SLU 63	0.38	-0.67	45.34	14.6932	-1.2777	-0.15
296	SLU 64	0.42	-0.67	43.06	13.9694	-1.214	-0.1628
296	SLU 65	0.39	-0.61	43.03	13.9539	-1.2127	-0.1523
296	SLU 66	0.42	-0.68	43.8	14.2075	-1.2348	-0.166
296	SLU 67	0.41	-0.64	43.78	14.1982	-1.234	-0.1597
296	SLU 68	0.39	-0.62	43.49	14.1032	-1.2258	-0.1538
296	SLU 69	0.43	-0.69	44.26	14.3568	-1.2479	-0.1676
296	SLU 70	0.41	-0.65	44.24	14.3475	-1.2471	-0.1613
296	SLU 71	0.42	-0.69	43.99	14.268	-1.2402	-0.166
296	SLU 72	0.41	-0.65	43.97	14.2587	-1.2394	-0.1596
296	SLU 73	0.41	-0.62	46.71	15.1422	-1.3164	-0.1581
296	SLU 74	0.44	-0.69	47.48	15.3958	-1.3384	-0.1719
296	SLU 75	0.43	-0.65	47.46	15.3865	-1.3376	-0.1656
296	SLU 76	0.41	-0.63	47.17	15.2915	-1.3295	-0.1597
296	SLU 77	0.44	-0.7	47.94	15.5451	-1.3515	-0.1735
296	SLU 78	0.43	-0.67	47.92	15.5358	-1.3507	-0.1671
296	SLU 79	0.44	-0.7	47.67	15.4563	-1.3438	-0.1718
296	SLU 80	0.42	-0.67	47.65	15.447	-1.3431	-0.1655
296	SLU 81	0.44	-0.69	48.32	15.667	-1.362	-0.1712
296	SLU 82	0.42	-0.65	48.3	15.6576	-1.3613	-0.1648
296	SLU 83	0.44	-0.7	48.78	15.8162	-1.3751	-0.1727
296	SLU 84	0.43	-0.66	48.76	15.8069	-1.3744	-0.1664
296	SLE RA 1	0.31	-0.52	32.37	10.5009	-0.9126	-0.1216
296	SLE RA 2	0.29	-0.47	32.35	10.4906	-0.9117	-0.1146
296	SLE RA 3	0.32	-0.52	32.86	10.6597	-0.9264	-0.1238
296	SLE RA 4	0.31	-0.5	32.85	10.6535	-0.9259	-0.1196
296	SLE RA 5	0.3	-0.48	32.66	10.5901	-0.9205	-0.1156
296	SLE RA 6	0.32	-0.53	33.17	10.7592	-0.9352	-0.1248
296	SLE RA 7	0.31	-0.5	33.16	10.753	-0.9347	-0.1206
296	SLE RA 8	0.31	-0.53	32.99	10.7	-0.9301	-0.1237
296	SLE RA 9	0.3	-0.51	32.98	10.6938	-0.9296	-0.1195
296	SLE RA 10	0.3	-0.48	34.8	11.2828	-0.9808	-0.1185
296	SLE RA 11	0.33	-0.53	35.32	11.4518	-0.9955	-0.1277
296	SLE RA 12	0.32	-0.51	35.3	11.4456	-0.995	-0.1235
296	SLE RA 13	0.31	-0.49	35.11	11.3823	-0.9896	-0.1195
296	SLE RA 14	0.33	-0.54	35.63	11.5514	-1.0043	-0.1287
296	SLE RA 15	0.32	-0.51	35.61	11.5452	-1.0038	-0.1245
296	SLE RA 16	0.33	-0.54	35.45	11.4922	-0.9991	-0.1276
296	SLE RA 17	0.32	-0.51	35.43	11.486	-0.9986	-0.1234
296	SLE RA 18	0.32	-0.53	35.88	11.6326	-1.0113	-0.1272
296	SLE RA 19	0.31	-0.5	35.86	11.6264	-1.0108	-0.123
296	SLE RA 20	0.33	-0.54	36.19	11.7321	-1.02	-0.1282
296	SLE RA 21	0.32	-0.51	36.17	11.7259	-1.0195	-0.124
296	SLE FR 1	0.31	-0.52	32.37	10.5009	-0.9126	-0.1216
296	SLE FR 2	0.31	-0.51	32.37	10.4989	-0.9124	-0.1202
296	SLE FR 3	0.31	-0.52	32.5	10.5407	-0.9161	-0.122
296	SLE FR 4	0.31	-0.51	33.42	10.8384	-0.942	-0.1219
296	SLE FR 5	0.32	-0.52	33.55	10.8803	-0.9457	-0.1237
296	SLE FR 6	0.32	-0.52	34.13	11.0668	-0.9619	-0.1244
296	SLE QP 1	0.31	-0.52	32.37	10.5009	-0.9126	-0.1216
296	SLE QP 2	0.31	-0.52	33.43	10.8404	-0.9422	-0.1233
296	SLD 1	3.26	0.17	31.21	10.1439	-0.874	-1.1299
296	SLD 2	3.53	0.33	31.42	10.2112	-0.8803	-1.2211
296	SLD 3	3.2	-0.61	30.71	10.0265	-0.859	-1.1417
296	SLD 4	3.47	-0.45	30.92	10.0937	-0.8653	-1.2329
296	SLD 5	1.24	0.84	33.49	10.7976	-0.9433	-0.3911
296	SLD 6	1.42	0.95	33.63	10.8419	-0.9475	-0.4512
296	SLD 7	1.04	-1.76	31.81	10.4061	-0.8934	-0.4303
296	SLD 8	1.22	-1.65	31.95	10.4503	-0.8975	-0.4904
296	SLD 9	-0.59	0.61	34.91	11.2306	-0.9868	0.2438
296	SLD 10	-0.41	0.72	35.04	11.2748	-0.991	0.1837
296	SLD 11	-0.79	-1.99	33.23	10.839	-0.9369	0.2046
296	SLD 12	-0.61	-1.88	33.36	10.8833	-0.9411	0.1445
296	SLD 13	-2.84	-0.59	35.94	11.5872	-1.0191	0.9863
296	SLD 14	-2.57	-0.43	36.15	11.6544	-1.0254	0.8951
296	SLD 15	-2.9	-1.37	35.43	11.4697	-1.0041	0.9746
296	SLD 16	-2.63	-1.21	35.64	11.5369	-1.0104	0.8833
296	SLV 1	7.2	1.06	28.22	9.2069	-0.7821	-2.4785
296	SLV 2	7.84	1.45	28.71	9.3634	-0.7967	-2.691
296	SLV 3	7.06	-0.7	27.08	8.9397	-0.7481	-2.5064
296	SLV 4	7.7	-0.32	27.57	9.0962	-0.7627	-2.7188
296	SLV 5	2.48	2.57	33.52	10.7284	-0.9432	-0.7507
296	SLV 6	2.89	2.82	33.83	10.8297	-0.9526	-0.8882
296	SLV 7	2.02	-3.32	29.7	9.8379	-0.8299	-0.8436
296	SLV 8	2.43	-3.07	30.02	9.9392	-0.8393	-0.9811
296	SLV 9	-1.8	2.04	36.83	11.7417	-1.045	0.7345
296	SLV 10	-1.39	2.28	37.15	11.843	-1.0545	0.597
296	SLV 11	-2.27	-3.86	33.02	10.8512	-0.9317	0.6416
296	SLV 12	-1.85	-3.61	33.34	10.9525	-0.9412	0.5042
296	SLV 13	-7.07	-0.72	39.28	12.5846	-1.1216	2.4723
296	SLV 14	-6.43	-0.33	39.77	12.7412	-1.1363	2.2598
296	SLV 15	-7.21	-2.49	38.14	12.3175	-1.0877	2.4444
296	SLV 16	-6.57	-2.1	38.63	12.474	-1.1023	2.2319
296	CRTFP Ux+	0	0	0	0	0	0
296	CRTFP Ux-	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
296	CRTFP Uy+	0	0	0	0	0	0
296	CRTFP Uy-	0	0	0	0	0	0
297	SLU 1	0.36	-0.54	37.42	12.1462	-0.0042	-0.1233
297	SLU 2	0.33	-0.47	37.37	12.1265	-0.0038	-0.1127
297	SLU 3	0.37	-0.55	38.3	12.431	-0.0044	-0.1269
297	SLU 4	0.35	-0.51	38.27	12.4191	-0.0041	-0.1206
297	SLU 5	0.33	-0.48	37.92	12.3051	-0.0039	-0.1143
297	SLU 6	0.37	-0.56	38.86	12.6096	-0.0045	-0.1285
297	SLU 7	0.36	-0.52	38.82	12.5978	-0.0043	-0.1222
297	SLU 8	0.37	-0.56	38.53	12.5035	-0.0045	-0.1265
297	SLU 9	0.35	-0.52	38.5	12.4916	-0.0042	-0.1201
297	SLU 10	0.35	-0.48	41.75	13.5424	-0.0041	-0.1191
297	SLU 11	0.39	-0.56	42.69	13.8469	-0.0048	-0.1333
297	SLU 12	0.37	-0.52	42.65	13.835	-0.0045	-0.1269
297	SLU 13	0.35	-0.49	42.3	13.721	-0.0043	-0.1206
297	SLU 14	0.39	-0.57	43.24	14.0255	-0.0049	-0.1349
297	SLU 15	0.38	-0.53	43.21	14.0137	-0.0046	-0.1285
297	SLU 16	0.39	-0.57	42.92	13.9194	-0.0048	-0.1328
297	SLU 17	0.37	-0.53	42.88	13.9075	-0.0046	-0.1265
297	SLU 18	0.39	-0.55	43.68	14.1689	-0.0047	-0.1324
297	SLU 19	0.37	-0.51	43.65	14.1571	-0.0045	-0.126
297	SLU 20	0.39	-0.57	44.24	14.3476	-0.0049	-0.134
297	SLU 21	0.37	-0.52	44.21	14.3357	-0.0046	-0.1276
297	SLU 22	0.42	-0.53	41.52	13.4789	-0.0052	-0.1433
297	SLU 23	0.39	-0.46	41.46	13.4592	-0.0048	-0.1327
297	SLU 24	0.43	-0.54	42.4	13.7637	-0.0054	-0.1469
297	SLU 25	0.41	-0.49	42.36	13.7519	-0.0051	-0.1406
297	SLU 26	0.39	-0.47	42.01	13.6379	-0.0049	-0.1343
297	SLU 27	0.43	-0.55	42.95	13.9423	-0.0055	-0.1485
297	SLU 28	0.41	-0.51	42.92	13.9305	-0.0053	-0.1421
297	SLU 29	0.43	-0.55	42.63	13.8362	-0.0055	-0.1465
297	SLU 30	0.41	-0.51	42.59	13.8244	-0.0052	-0.1401
297	SLU 31	0.41	-0.47	45.84	14.8751	-0.0051	-0.139
297	SLU 32	0.45	-0.55	46.78	15.1796	-0.0058	-0.1533
297	SLU 33	0.43	-0.5	46.74	15.1678	-0.0055	-0.1469
297	SLU 34	0.41	-0.48	46.4	15.0538	-0.0053	-0.1406
297	SLU 35	0.45	-0.56	47.33	15.3582	-0.0059	-0.1549
297	SLU 36	0.43	-0.52	47.3	15.3464	-0.0056	-0.1485
297	SLU 37	0.45	-0.56	47.01	15.2521	-0.0058	-0.1528
297	SLU 38	0.43	-0.52	46.97	15.2403	-0.0056	-0.1465
297	SLU 39	0.44	-0.54	47.78	15.5017	-0.0057	-0.1524
297	SLU 40	0.43	-0.5	47.74	15.4898	-0.0055	-0.146
297	SLU 41	0.45	-0.55	48.33	15.6803	-0.0059	-0.154
297	SLU 42	0.43	-0.51	48.3	15.6685	-0.0056	-0.1476
297	SLU 43	0.45	-0.71	47.25	15.3331	-0.0051	-0.1535
297	SLU 44	0.42	-0.64	47.19	15.3134	-0.0047	-0.1428
297	SLU 45	0.46	-0.72	48.13	15.6179	-0.0053	-0.1571
297	SLU 46	0.44	-0.67	48.09	15.606	-0.0051	-0.1507
297	SLU 47	0.42	-0.65	47.75	15.492	-0.0048	-0.1444
297	SLU 48	0.46	-0.73	48.68	15.7965	-0.0055	-0.1587
297	SLU 49	0.44	-0.69	48.65	15.7847	-0.0052	-0.1523
297	SLU 50	0.46	-0.73	48.36	15.6904	-0.0054	-0.1566
297	SLU 51	0.44	-0.69	48.32	15.6786	-0.0051	-0.1503
297	SLU 52	0.44	-0.65	51.57	16.7293	-0.0051	-0.1492
297	SLU 53	0.48	-0.73	52.51	17.0338	-0.0057	-0.1634
297	SLU 54	0.46	-0.69	52.48	17.0219	-0.0054	-0.1571
297	SLU 55	0.44	-0.66	52.13	16.9079	-0.0052	-0.1508
297	SLU 56	0.48	-0.74	53.06	17.2124	-0.0058	-0.165
297	SLU 57	0.46	-0.7	53.03	17.2006	-0.0056	-0.1587
297	SLU 58	0.48	-0.74	52.74	17.1063	-0.0058	-0.163
297	SLU 59	0.46	-0.7	52.71	17.0945	-0.0055	-0.1566
297	SLU 60	0.47	-0.72	53.51	17.3558	-0.0057	-0.1625
297	SLU 61	0.46	-0.68	53.47	17.344	-0.0054	-0.1562
297	SLU 62	0.48	-0.73	54.06	17.5345	-0.0058	-0.1641
297	SLU 63	0.46	-0.69	54.03	17.5226	-0.0055	-0.1578
297	SLU 64	0.51	-0.69	51.34	16.6659	-0.0061	-0.1734
297	SLU 65	0.48	-0.62	51.28	16.6461	-0.0057	-0.1628
297	SLU 66	0.52	-0.7	52.22	16.9506	-0.0063	-0.1771
297	SLU 67	0.5	-0.66	52.19	16.9388	-0.0061	-0.1707
297	SLU 68	0.48	-0.63	51.84	16.8248	-0.0058	-0.1644
297	SLU 69	0.52	-0.71	52.77	17.1293	-0.0065	-0.1787
297	SLU 70	0.5	-0.67	52.74	17.1174	-0.0062	-0.1723
297	SLU 71	0.51	-0.72	52.45	17.0232	-0.0064	-0.1766
297	SLU 72	0.5	-0.67	52.42	17.0113	-0.0061	-0.1702
297	SLU 73	0.49	-0.63	55.67	18.062	-0.006	-0.1692
297	SLU 74	0.53	-0.71	56.6	18.3665	-0.0067	-0.1834
297	SLU 75	0.52	-0.67	56.57	18.3547	-0.0064	-0.1771
297	SLU 76	0.5	-0.64	56.22	18.2407	-0.0062	-0.1708
297	SLU 77	0.54	-0.72	57.16	18.5452	-0.0068	-0.185
297	SLU 78	0.52	-0.68	57.12	18.5333	-0.0066	-0.1786
297	SLU 79	0.53	-0.73	56.83	18.439	-0.0068	-0.183
297	SLU 80	0.52	-0.68	56.8	18.4272	-0.0065	-0.1766
297	SLU 81	0.53	-0.71	57.6	18.6886	-0.0067	-0.1825
297	SLU 82	0.51	-0.67	57.57	18.6767	-0.0064	-0.1762
297	SLU 83	0.54	-0.72	58.16	18.8672	-0.0068	-0.1841
297	SLU 84	0.52	-0.68	58.12	18.8554	-0.0065	-0.1777
297	SLE RA 1	0.38	-0.54	38.59	12.527	-0.0045	-0.129
297	SLE RA 2	0.36	-0.49	38.56	12.5138	-0.0042	-0.122
297	SLE RA 3	0.38	-0.54	39.18	12.7168	-0.0046	-0.1314



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
297	SLE RA 4	0.37	-0.51	39.16	12.7089	-0.0044	-0.1272
297	SLE RA 5	0.36	-0.5	38.93	12.6329	-0.0043	-0.123
297	SLE RA 6	0.39	-0.55	39.55	12.8359	-0.0047	-0.1325
297	SLE RA 7	0.37	-0.52	39.53	12.828	-0.0045	-0.1283
297	SLE RA 8	0.38	-0.55	39.33	12.7652	-0.0047	-0.1311
297	SLE RA 9	0.37	-0.52	39.31	12.7573	-0.0045	-0.1269
297	SLE RA 10	0.37	-0.5	41.48	13.4578	-0.0044	-0.1262
297	SLE RA 11	0.4	-0.55	42.1	13.6608	-0.0049	-0.1357
297	SLE RA 12	0.38	-0.52	42.08	13.6529	-0.0047	-0.1314
297	SLE RA 13	0.37	-0.5	41.85	13.5769	-0.0045	-0.1272
297	SLE RA 14	0.4	-0.56	42.47	13.7798	-0.005	-0.1367
297	SLE RA 15	0.39	-0.53	42.45	13.772	-0.0048	-0.1325
297	SLE RA 16	0.4	-0.56	42.25	13.7091	-0.0049	-0.1354
297	SLE RA 17	0.38	-0.53	42.23	13.7012	-0.0047	-0.1311
297	SLE RA 18	0.39	-0.55	42.77	13.8755	-0.0048	-0.1351
297	SLE RA 19	0.38	-0.52	42.74	13.8676	-0.0047	-0.1308
297	SLE RA 20	0.4	-0.55	43.14	13.9946	-0.0049	-0.1361
297	SLE RA 21	0.39	-0.53	43.11	13.9867	-0.0048	-0.1319
297	SLE FR 1	0.38	-0.54	38.59	12.527	-0.0045	-0.129
297	SLE FR 2	0.37	-0.53	38.59	12.5244	-0.0044	-0.1276
297	SLE FR 3	0.38	-0.54	38.74	12.5746	-0.0045	-0.1295
297	SLE FR 4	0.38	-0.53	39.84	12.9289	-0.0045	-0.1294
297	SLE FR 5	0.38	-0.54	39.99	12.9792	-0.0046	-0.1313
297	SLE FR 6	0.39	-0.54	40.68	13.2012	-0.0047	-0.1321
297	SLE QP 1	0.38	-0.54	38.59	12.527	-0.0045	-0.129
297	SLE QP 2	0.38	-0.54	39.85	12.9315	-0.0046	-0.1308
297	SLD 1	3.86	0.23	36.92	12.0076	0.0043	-1.3489
297	SLD 2	4.18	0.43	37.19	12.0914	0.0036	-1.4621
297	SLD 3	3.79	-0.69	36.28	11.8485	0.0059	-1.3236
297	SLD 4	4.11	-0.49	36.55	11.9323	0.0052	-1.4368
297	SLD 5	1.48	1.06	39.9	12.8806	-0.0042	-0.5144
297	SLD 6	1.69	1.19	40.07	12.9358	-0.0047	-0.5889
297	SLD 7	1.23	-2.02	37.75	12.3503	0.0011	-0.43
297	SLD 8	1.45	-1.89	37.93	12.4055	0.0006	-0.5045
297	SLD 9	-0.68	0.81	41.76	13.4576	-0.0098	0.2429
297	SLD 10	-0.47	0.95	41.94	13.5128	-0.0103	0.1683
297	SLD 11	-0.93	-2.27	39.62	12.9272	-0.0046	0.3272
297	SLD 12	-0.71	-2.13	39.79	12.9824	-0.005	0.2527
297	SLD 13	-3.35	-0.59	43.14	13.9308	-0.0144	1.1751
297	SLD 14	-3.02	-0.38	43.41	14.0146	-0.0151	1.0619
297	SLD 15	-3.42	-1.51	42.5	13.7717	-0.0128	1.2004
297	SLD 16	-3.09	-1.31	42.77	13.8555	-0.0135	1.0872
297	SLV 1	8.51	1.23	32.98	10.764	0.0162	-2.9804
297	SLV 2	9.27	1.7	33.61	10.9593	0.0147	-3.2441
297	SLV 3	8.35	-0.87	31.52	10.4026	0.0198	-2.9224
297	SLV 4	9.1	-0.4	32.15	10.5978	0.0184	-3.1861
297	SLV 5	2.94	3.09	39.89	12.7956	-0.0036	-1.028
297	SLV 6	3.43	3.39	40.3	12.922	-0.0045	-1.1986
297	SLV 7	2.39	-3.89	35.02	11.5907	0.0085	-0.8345
297	SLV 8	2.88	-3.59	35.43	11.717	0.0075	-1.0052
297	SLV 9	-2.11	2.51	44.26	14.146	-0.0167	0.7435
297	SLV 10	-1.63	2.82	44.67	14.2723	-0.0177	0.5728
297	SLV 11	-2.67	-4.47	39.39	12.9411	-0.0047	0.9369
297	SLV 12	-2.18	-4.16	39.8	13.0674	-0.0056	0.7663
297	SLV 13	-8.34	-0.68	47.54	15.2653	-0.0276	2.9244
297	SLV 14	-7.58	-0.21	48.17	15.4605	-0.029	2.6607
297	SLV 15	-8.51	-2.78	46.08	14.9038	-0.0239	2.9824
297	SLV 16	-7.75	-2.31	46.71	15.099	-0.0254	2.7187
297	CRTFP Ux+	0	0	0	0	0	0
297	CRTFP Ux-	0	0	0	0	0	0
297	CRTFP Uy+	0	0	0	0	0	0
297	CRTFP Uy-	0	0	0	0	0	0
298	SLU 1	0.24	-0.31	24.54	7.9912	1.5247	-0.0655
298	SLU 2	0.22	-0.26	24.5	7.9785	1.522	-0.061
298	SLU 3	0.25	-0.31	25.12	8.179	1.5606	-0.0676
298	SLU 4	0.24	-0.29	25.1	8.1714	1.559	-0.0649
298	SLU 5	0.23	-0.27	24.86	8.0964	1.5447	-0.0617
298	SLU 6	0.25	-0.32	25.49	8.2969	1.5832	-0.0683
298	SLU 7	0.24	-0.29	25.46	8.2893	1.5816	-0.0656
298	SLU 8	0.25	-0.32	25.27	8.2271	1.57	-0.0668
298	SLU 9	0.24	-0.29	25.25	8.2194	1.5684	-0.0642
298	SLU 10	0.24	-0.27	27.37	8.9099	1.7004	-0.0652
298	SLU 11	0.26	-0.31	27.99	9.1104	1.739	-0.0717
298	SLU 12	0.25	-0.29	27.97	9.1027	1.7374	-0.0691
298	SLU 13	0.24	-0.27	27.74	9.0278	1.7231	-0.0659
298	SLU 14	0.27	-0.32	28.36	9.2283	1.7616	-0.0724
298	SLU 15	0.25	-0.3	28.33	9.2207	1.76	-0.0698
298	SLU 16	0.26	-0.32	28.15	9.1585	1.7484	-0.071
298	SLU 17	0.25	-0.3	28.12	9.1508	1.7468	-0.0683
298	SLU 18	0.26	-0.31	28.65	9.3218	1.7795	-0.0714
298	SLU 19	0.25	-0.28	28.62	9.3141	1.7779	-0.0687
298	SLU 20	0.26	-0.32	29.01	9.4397	1.8022	-0.0721
298	SLU 21	0.25	-0.29	28.98	9.4321	1.8006	-0.0694
298	SLU 22	0.28	-0.29	27.24	8.8704	1.6918	-0.0797
298	SLU 23	0.26	-0.25	27.19	8.8577	1.6891	-0.0752
298	SLU 24	0.29	-0.3	27.82	9.0582	1.7277	-0.0818
298	SLU 25	0.28	-0.27	27.79	9.0506	1.7261	-0.0791
298	SLU 26	0.26	-0.26	27.56	8.9756	1.7118	-0.0759
298	SLU 27	0.29	-0.31	28.18	9.1761	1.7504	-0.0825



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
298	SLU 28	0.28	-0.28	28.15	9.1685	1.7488	-0.0798
298	SLU 29	0.29	-0.31	27.97	9.1063	1.7371	-0.081
298	SLU 30	0.28	-0.28	27.94	9.0987	1.7355	-0.0784
298	SLU 31	0.27	-0.25	30.06	9.7891	1.8675	-0.0794
298	SLU 32	0.3	-0.3	30.69	9.9896	1.9061	-0.0859
298	SLU 33	0.29	-0.28	30.66	9.982	1.9045	-0.0833
298	SLU 34	0.28	-0.26	30.43	9.907	1.8902	-0.0801
298	SLU 35	0.3	-0.31	31.05	10.1075	1.9288	-0.0866
298	SLU 36	0.29	-0.28	31.02	10.0999	1.9272	-0.084
298	SLU 37	0.3	-0.31	30.84	10.0377	1.9155	-0.0852
298	SLU 38	0.29	-0.28	30.81	10.0301	1.9139	-0.0825
298	SLU 39	0.3	-0.3	31.34	10.201	1.9467	-0.0856
298	SLU 40	0.29	-0.27	31.31	10.1934	1.9451	-0.0829
298	SLU 41	0.3	-0.3	31.7	10.3189	1.9693	-0.0863
298	SLU 42	0.29	-0.28	31.68	10.3113	1.9677	-0.0836
298	SLU 43	0.3	-0.4	30.98	10.0871	1.9247	-0.0802
298	SLU 44	0.28	-0.36	30.94	10.0744	1.9221	-0.0758
298	SLU 45	0.31	-0.41	31.56	10.2749	1.9606	-0.0823
298	SLU 46	0.3	-0.38	31.54	10.2673	1.959	-0.0797
298	SLU 47	0.29	-0.37	31.31	10.1923	1.9447	-0.0765
298	SLU 48	0.31	-0.41	31.93	10.3928	1.9833	-0.083
298	SLU 49	0.3	-0.39	31.9	10.3852	1.9817	-0.0804
298	SLU 50	0.31	-0.42	31.71	10.323	1.9701	-0.0816
298	SLU 51	0.3	-0.39	31.69	10.3154	1.9685	-0.0789
298	SLU 52	0.3	-0.36	33.81	11.0058	2.1005	-0.08
298	SLU 53	0.32	-0.41	34.43	11.2063	2.139	-0.0865
298	SLU 54	0.31	-0.38	34.41	11.1987	2.1375	-0.0838
298	SLU 55	0.3	-0.37	34.18	11.1237	2.1231	-0.0806
298	SLU 56	0.33	-0.42	34.8	11.3242	2.1617	-0.0872
298	SLU 57	0.31	-0.39	34.77	11.3166	2.1601	-0.0845
298	SLU 58	0.32	-0.42	34.59	11.2544	2.1485	-0.0857
298	SLU 59	0.31	-0.39	34.56	11.2468	2.1469	-0.0831
298	SLU 60	0.32	-0.41	35.09	11.4177	2.1796	-0.0861
298	SLU 61	0.31	-0.38	35.06	11.4101	2.178	-0.0835
298	SLU 62	0.32	-0.41	35.45	11.5356	2.2023	-0.0868
298	SLU 63	0.31	-0.39	35.42	11.528	2.2007	-0.0842
298	SLU 64	0.34	-0.39	33.68	10.9664	2.0919	-0.0944
298	SLU 65	0.32	-0.35	33.63	10.9536	2.0892	-0.09
298	SLU 66	0.35	-0.39	34.26	11.1541	2.1278	-0.0965
298	SLU 67	0.34	-0.37	34.23	11.1465	2.1262	-0.0939
298	SLU 68	0.32	-0.35	34	11.0716	2.1119	-0.0907
298	SLU 69	0.35	-0.4	34.62	11.2721	2.1504	-0.0972
298	SLU 70	0.34	-0.38	34.59	11.2644	2.1488	-0.0946
298	SLU 71	0.35	-0.4	34.41	11.2022	2.1372	-0.0958
298	SLU 72	0.34	-0.38	34.38	11.1946	2.1356	-0.0931
298	SLU 73	0.33	-0.35	36.5	11.885	2.2676	-0.0942
298	SLU 74	0.36	-0.4	37.13	12.0855	2.3062	-0.1007
298	SLU 75	0.35	-0.37	37.1	12.0779	2.3046	-0.098
298	SLU 76	0.34	-0.36	36.87	12.003	2.2903	-0.0948
298	SLU 77	0.36	-0.4	37.49	12.2034	2.3288	-0.1014
298	SLU 78	0.35	-0.38	37.46	12.1958	2.3273	-0.0987
298	SLU 79	0.36	-0.41	37.28	12.1336	2.3156	-0.0999
298	SLU 80	0.35	-0.38	37.25	12.126	2.314	-0.0973
298	SLU 81	0.36	-0.39	37.78	12.2969	2.3468	-0.1003
298	SLU 82	0.35	-0.37	37.75	12.2893	2.3452	-0.0977
298	SLU 83	0.36	-0.4	38.14	12.4149	2.3694	-0.101
298	SLU 84	0.35	-0.37	38.12	12.4072	2.3678	-0.0984
298	SLE RA 1	0.25	-0.3	25.31	8.2424	1.5724	-0.0695
298	SLE RA 2	0.24	-0.27	25.28	8.2339	1.5706	-0.0666
298	SLE RA 3	0.26	-0.31	25.7	8.3676	1.5963	-0.0709
298	SLE RA 4	0.25	-0.29	25.68	8.3625	1.5953	-0.0692
298	SLE RA 5	0.24	-0.28	25.53	8.3126	1.5857	-0.067
298	SLE RA 6	0.26	-0.31	25.94	8.4462	1.6114	-0.0714
298	SLE RA 7	0.25	-0.29	25.92	8.4411	1.6104	-0.0696
298	SLE RA 8	0.26	-0.31	25.8	8.3997	1.6026	-0.0704
298	SLE RA 9	0.25	-0.29	25.78	8.3946	1.6016	-0.0687
298	SLE RA 10	0.25	-0.28	27.2	8.8549	1.6896	-0.0693
298	SLE RA 11	0.27	-0.31	27.61	8.9885	1.7153	-0.0737
298	SLE RA 12	0.26	-0.29	27.6	8.9834	1.7142	-0.0719
298	SLE RA 13	0.25	-0.28	27.44	8.9335	1.7047	-0.0698
298	SLE RA 14	0.27	-0.31	27.86	9.0672	1.7304	-0.0741
298	SLE RA 15	0.26	-0.3	27.84	9.0621	1.7293	-0.0724
298	SLE RA 16	0.27	-0.31	27.71	9.0206	1.7216	-0.0732
298	SLE RA 17	0.26	-0.3	27.7	9.0155	1.7205	-0.0714
298	SLE RA 18	0.27	-0.3	28.05	9.1295	1.7423	-0.0735
298	SLE RA 19	0.26	-0.29	28.03	9.1244	1.7413	-0.0717
298	SLE RA 20	0.27	-0.31	28.29	9.2081	1.7574	-0.0739
298	SLE RA 21	0.26	-0.29	28.27	9.203	1.7564	-0.0721
298	SLE FR 1	0.25	-0.3	25.31	8.2424	1.5724	-0.0695
298	SLE FR 2	0.25	-0.3	25.31	8.2407	1.5721	-0.0689
298	SLE FR 3	0.26	-0.3	25.41	8.2739	1.5785	-0.0697
298	SLE FR 4	0.26	-0.3	26.13	8.5068	1.623	-0.0701
298	SLE FR 5	0.26	-0.3	26.23	8.54	1.6294	-0.0709
298	SLE FR 6	0.26	-0.3	26.68	8.6859	1.6574	-0.0715
298	SLE QP 1	0.25	-0.3	25.31	8.2424	1.5724	-0.0695
298	SLE QP 2	0.26	-0.3	26.13	8.5085	1.6234	-0.0707
298	SLD 1	2.53	0.18	24.07	7.8613	1.4972	-0.8964
298	SLD 2	2.75	0.32	24.26	7.9175	1.5087	-0.9792
298	SLD 3	2.49	-0.43	23.62	7.7468	1.4697	-0.8437



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
298	SLD 4	2.7	-0.29	23.81	7.803	1.4812	-0.9265
298	SLD 5	0.98	0.74	26.16	8.478	1.6251	-0.3834
298	SLD 6	1.12	0.83	26.28	8.515	1.6327	-0.438
298	SLD 7	0.82	-1.29	24.67	8.0962	1.5336	-0.2078
298	SLD 8	0.96	-1.19	24.79	8.1333	1.5411	-0.2624
298	SLD 9	-0.44	0.59	27.48	8.8838	1.7056	0.121
298	SLD 10	-0.3	0.68	27.6	8.9208	1.7132	0.0665
298	SLD 11	-0.6	-1.43	25.98	8.5021	1.6141	0.2966
298	SLD 12	-0.46	-1.34	26.11	8.5391	1.6216	0.2421
298	SLD 13	-2.18	-0.32	28.46	9.2141	1.7656	0.7851
298	SLD 14	-1.97	-0.18	28.65	9.2703	1.777	0.7023
298	SLD 15	-2.23	-0.92	28.01	9.0995	1.7381	0.8378
298	SLD 16	-2.02	-0.79	28.2	9.1558	1.7496	0.755
298	SLV 1	5.58	0.81	21.29	6.99	1.3271	-2.0009
298	SLV 2	6.08	1.13	21.73	7.1209	1.3539	-2.1938
298	SLV 3	5.47	-0.57	20.27	6.73	1.2648	-1.8814
298	SLV 4	5.97	-0.25	20.71	6.861	1.2915	-2.0743
298	SLV 5	1.94	2.06	26.15	8.4245	1.6244	-0.7975
298	SLV 6	2.26	2.27	26.43	8.5093	1.6417	-0.9223
298	SLV 7	1.57	-2.52	22.76	7.5579	1.4167	-0.3992
298	SLV 8	1.89	-2.32	23.04	7.6427	1.4339	-0.524
298	SLV 9	-1.37	1.71	29.23	9.3744	1.8128	0.3826
298	SLV 10	-1.05	1.92	29.51	9.4591	1.8301	0.2578
298	SLV 11	-1.74	-2.87	25.84	8.5078	1.6051	0.7809
298	SLV 12	-1.42	-2.67	26.12	8.5925	1.6224	0.6561
298	SLV 13	-5.45	-0.36	31.56	10.1561	1.9552	1.9329
298	SLV 14	-4.96	-0.04	32	10.2871	1.982	1.74
298	SLV 15	-5.56	-1.73	30.54	9.8961	1.8929	2.0524
298	SLV 16	-5.07	-1.41	30.98	10.0271	1.9196	1.8595
298	CRTFP Ux+	0	0	0	0	0	0
298	CRTFP Ux-	0	0	0	0	0	0
298	CRTFP Uy+	0	0	0	0	0	0
298	CRTFP Uy-	0	0	0	0	0	0
300	SLU 1	0.65	-0.57	58.4	10.1305	-0.4103	-0.0977
300	SLU 2	0.59	-0.48	58.25	10.1101	-0.4015	-0.0895
300	SLU 3	0.66	-0.58	59.78	10.3695	-0.4208	-0.1007
300	SLU 4	0.63	-0.53	59.69	10.3572	-0.4155	-0.0957
300	SLU 5	0.6	-0.5	59.12	10.261	-0.4085	-0.0909
300	SLU 6	0.67	-0.6	60.65	10.5204	-0.4277	-0.102
300	SLU 7	0.64	-0.54	60.56	10.5081	-0.4225	-0.0971
300	SLU 8	0.66	-0.6	60.14	10.4323	-0.4242	-0.1005
300	SLU 9	0.63	-0.55	60.06	10.42	-0.4189	-0.0955
300	SLU 10	0.63	-0.48	65.06	11.291	-0.4429	-0.0935
300	SLU 11	0.7	-0.58	66.59	11.5504	-0.4622	-0.1047
300	SLU 12	0.67	-0.52	66.5	11.5382	-0.4569	-0.0998
300	SLU 13	0.64	-0.49	65.94	11.4419	-0.4499	-0.0949
300	SLU 14	0.71	-0.59	67.46	11.7013	-0.4691	-0.1061
300	SLU 15	0.68	-0.54	67.38	11.689	-0.4639	-0.1012
300	SLU 16	0.7	-0.59	66.96	11.6132	-0.4656	-0.1045
300	SLU 17	0.67	-0.54	66.87	11.601	-0.4603	-0.0996
300	SLU 18	0.7	-0.56	68.13	11.8176	-0.4694	-0.1035
300	SLU 19	0.66	-0.51	68.04	11.8053	-0.4642	-0.0986
300	SLU 20	0.7	-0.58	69.01	11.9685	-0.4764	-0.1049
300	SLU 21	0.67	-0.53	68.92	11.9562	-0.4711	-0.1
300	SLU 22	0.74	-0.53	64.81	11.2457	-0.461	-0.1124
300	SLU 23	0.69	-0.44	64.67	11.2253	-0.4523	-0.1042
300	SLU 24	0.76	-0.54	66.19	11.4847	-0.4715	-0.1153
300	SLU 25	0.73	-0.49	66.1	11.4724	-0.4663	-0.1104
300	SLU 26	0.7	-0.46	65.54	11.3762	-0.4592	-0.1056
300	SLU 27	0.77	-0.55	67.07	11.6356	-0.4785	-0.1167
300	SLU 28	0.74	-0.5	66.98	11.6233	-0.4732	-0.1118
300	SLU 29	0.76	-0.56	66.56	11.5475	-0.4749	-0.1151
300	SLU 30	0.73	-0.51	66.47	11.5352	-0.4697	-0.1102
300	SLU 31	0.72	-0.44	71.48	12.4062	-0.4937	-0.1082
300	SLU 32	0.8	-0.53	73.01	12.6656	-0.5129	-0.1194
300	SLU 33	0.76	-0.48	72.92	12.6534	-0.5077	-0.1144
300	SLU 34	0.73	-0.45	72.35	12.5571	-0.5006	-0.1096
300	SLU 35	0.81	-0.55	73.88	12.8165	-0.5199	-0.1208
300	SLU 36	0.77	-0.5	73.79	12.8042	-0.5146	-0.1158
300	SLU 37	0.8	-0.55	73.37	12.7284	-0.5163	-0.1192
300	SLU 38	0.76	-0.5	73.28	12.7162	-0.5111	-0.1143
300	SLU 39	0.79	-0.52	74.55	12.9328	-0.5202	-0.1182
300	SLU 40	0.76	-0.47	74.46	12.9205	-0.5149	-0.1132
300	SLU 41	0.8	-0.53	75.42	13.0837	-0.5271	-0.1195
300	SLU 42	0.77	-0.48	75.33	13.0714	-0.5219	-0.1146
300	SLU 43	0.81	-0.76	73.72	12.7873	-0.5159	-0.122
300	SLU 44	0.75	-0.67	73.57	12.7669	-0.5072	-0.1138
300	SLU 45	0.82	-0.77	75.1	13.0263	-0.5264	-0.1249
300	SLU 46	0.79	-0.72	75.01	13.014	-0.5212	-0.12
300	SLU 47	0.76	-0.69	74.44	12.9178	-0.5141	-0.1152
300	SLU 48	0.83	-0.78	75.97	13.1771	-0.5334	-0.1263
300	SLU 49	0.8	-0.73	75.88	13.1649	-0.5281	-0.1214
300	SLU 50	0.82	-0.79	75.47	13.0891	-0.5298	-0.1248
300	SLU 51	0.79	-0.73	75.38	13.0768	-0.5246	-0.1198
300	SLU 52	0.79	-0.66	80.39	13.9478	-0.5486	-0.1178
300	SLU 53	0.86	-0.76	81.91	14.2072	-0.5678	-0.129
300	SLU 54	0.83	-0.71	81.82	14.195	-0.5626	-0.1241
300	SLU 55	0.8	-0.68	81.26	14.0987	-0.5555	-0.1192
300	SLU 56	0.87	-0.78	82.79	14.3581	-0.5748	-0.1304



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
300	SLU 57	0.84	-0.72	82.7	14.3458	-0.5695	-0.1254
300	SLU 58	0.86	-0.78	82.28	14.27	-0.5712	-0.1288
300	SLU 59	0.83	-0.73	82.19	14.2578	-0.566	-0.1239
300	SLU 60	0.86	-0.75	83.45	14.4744	-0.5751	-0.1278
300	SLU 61	0.82	-0.7	83.36	14.4621	-0.5698	-0.1229
300	SLU 62	0.86	-0.76	84.33	14.6252	-0.582	-0.1292
300	SLU 63	0.83	-0.71	84.24	14.613	-0.5768	-0.1242
300	SLU 64	0.9	-0.72	80.13	13.9025	-0.5667	-0.1367
300	SLU 65	0.85	-0.63	79.99	13.8821	-0.558	-0.1285
300	SLU 66	0.92	-0.73	81.51	14.1415	-0.5772	-0.1396
300	SLU 67	0.89	-0.67	81.43	14.1292	-0.572	-0.1347
300	SLU 68	0.86	-0.64	80.86	14.033	-0.5649	-0.1298
300	SLU 69	0.93	-0.74	82.39	14.2924	-0.5842	-0.141
300	SLU 70	0.9	-0.69	82.3	14.2801	-0.5789	-0.1361
300	SLU 71	0.92	-0.74	81.88	14.2043	-0.5806	-0.1394
300	SLU 72	0.89	-0.69	81.79	14.192	-0.5754	-0.1345
300	SLU 73	0.88	-0.62	86.8	15.063	-0.5994	-0.1325
300	SLU 74	0.96	-0.72	88.33	15.3224	-0.6186	-0.1437
300	SLU 75	0.92	-0.67	88.24	15.3102	-0.6134	-0.1387
300	SLU 76	0.89	-0.64	87.67	15.2139	-0.6063	-0.1339
300	SLU 77	0.97	-0.73	89.2	15.4733	-0.6256	-0.145
300	SLU 78	0.93	-0.68	89.11	15.461	-0.6203	-0.1401
300	SLU 79	0.96	-0.74	88.69	15.3852	-0.622	-0.1435
300	SLU 80	0.92	-0.69	88.6	15.373	-0.6168	-0.1386
300	SLU 81	0.95	-0.71	89.87	15.5896	-0.6259	-0.1424
300	SLU 82	0.92	-0.65	89.78	15.5773	-0.6206	-0.1375
300	SLU 83	0.96	-0.72	90.74	15.7404	-0.6328	-0.1438
300	SLU 84	0.93	-0.67	90.65	15.7282	-0.6275	-0.1389
300	SLE RA 1	0.67	-0.56	60.23	10.4491	-0.4248	-0.1019
300	SLE RA 2	0.64	-0.5	60.13	10.4355	-0.4189	-0.0964
300	SLE RA 3	0.69	-0.57	61.15	10.6084	-0.4318	-0.1039
300	SLE RA 4	0.66	-0.53	61.09	10.6003	-0.4283	-0.1006
300	SLE RA 5	0.64	-0.51	60.72	10.5361	-0.4236	-0.0974
300	SLE RA 6	0.69	-0.58	61.73	10.709	-0.4364	-0.1048
300	SLE RA 7	0.67	-0.54	61.67	10.7009	-0.4329	-0.1015
300	SLE RA 8	0.68	-0.58	61.4	10.6503	-0.434	-0.1037
300	SLE RA 9	0.66	-0.54	61.34	10.6421	-0.4305	-0.1005
300	SLE RA 10	0.66	-0.5	64.68	11.2228	-0.4465	-0.0991
300	SLE RA 11	0.71	-0.56	65.69	11.3957	-0.4594	-0.1066
300	SLE RA 12	0.69	-0.53	65.63	11.3876	-0.4559	-0.1033
300	SLE RA 13	0.67	-0.51	65.26	11.3234	-0.4512	-0.1
300	SLE RA 14	0.71	-0.57	66.28	11.4963	-0.464	-0.1075
300	SLE RA 15	0.69	-0.54	66.22	11.4882	-0.4605	-0.1042
300	SLE RA 16	0.71	-0.57	65.94	11.4376	-0.4616	-0.1064
300	SLE RA 17	0.69	-0.54	65.88	11.4294	-0.4581	-0.1032
300	SLE RA 18	0.71	-0.55	66.72	11.5738	-0.4642	-0.1058
300	SLE RA 19	0.69	-0.52	66.66	11.5657	-0.4607	-0.1025
300	SLE RA 20	0.71	-0.56	67.3	11.6744	-0.4688	-0.1067
300	SLE RA 21	0.69	-0.53	67.24	11.6663	-0.4653	-0.1034
300	SLE FR 1	0.67	-0.56	60.23	10.4491	-0.4248	-0.1019
300	SLE FR 2	0.67	-0.55	60.21	10.4464	-0.4236	-0.1008
300	SLE FR 3	0.68	-0.56	60.46	10.4894	-0.4266	-0.1023
300	SLE FR 4	0.68	-0.55	62.16	10.7838	-0.4354	-0.102
300	SLE FR 5	0.69	-0.56	62.41	10.8268	-0.4385	-0.1034
300	SLE FR 6	0.69	-0.56	63.48	11.0115	-0.4445	-0.1038
300	SLE QP 1	0.67	-0.56	60.23	10.4491	-0.4248	-0.1019
300	SLE QP 2	0.68	-0.56	62.18	10.7865	-0.4366	-0.1031
300	SLD 1	6.06	0.58	56.75	9.8789	-0.2741	-1.0507
300	SLD 2	6.58	0.93	57.25	9.9593	-0.2866	-1.1335
300	SLD 3	5.95	-0.86	55.53	9.6874	-0.2415	-1.0604
300	SLD 4	6.46	-0.5	56.03	9.7678	-0.2541	-1.1432
300	SLD 5	2.38	1.9	62.32	10.7902	-0.435	-0.3578
300	SLD 6	2.72	2.13	62.65	10.8432	-0.4432	-0.4124
300	SLD 7	2	-2.89	58.24	10.152	-0.3264	-0.3901
300	SLD 8	2.34	-2.66	58.57	10.2049	-0.3347	-0.4447
300	SLD 9	-0.97	1.54	65.79	11.3682	-0.5385	0.2385
300	SLD 10	-0.63	1.77	66.12	11.4211	-0.5468	0.184
300	SLD 11	-1.35	-3.25	61.71	10.7299	-0.43	0.2062
300	SLD 12	-1.01	-3.01	62.04	10.7829	-0.4382	0.1517
300	SLD 13	-5.1	-0.61	68.33	11.8053	-0.6192	0.9371
300	SLD 14	-4.58	-0.26	68.83	11.8557	-0.6317	0.8543
300	SLD 15	-5.21	-2.05	67.11	11.6138	-0.5866	0.9274
300	SLD 16	-4.7	-1.7	67.6	11.6942	-0.5992	0.8446
300	SLV 1	13.27	2.06	49.44	8.6557	-0.0551	-2.3203
300	SLV 2	14.47	2.87	50.6	8.8429	-0.0844	-2.5132
300	SLV 3	13.01	-1.2	46.67	8.2214	0.0189	-2.3432
300	SLV 4	14.2	-0.38	47.82	8.4086	-0.0103	-2.5361
300	SLV 5	4.65	5.02	62.37	10.7735	-0.4294	-0.7
300	SLV 6	5.42	5.55	63.11	10.8946	-0.4483	-0.8248
300	SLV 7	3.78	-5.83	53.12	9.3258	-0.1826	-0.7764
300	SLV 8	4.55	-5.3	53.86	9.447	-0.2015	-0.9012
300	SLV 9	-3.18	4.18	70.49	12.1261	-0.6717	0.6951
300	SLV 10	-2.41	4.71	71.24	12.2473	-0.6906	0.5703
300	SLV 11	-4.06	-6.67	61.24	10.6785	-0.4249	0.6187
300	SLV 12	-3.28	-6.14	61.99	10.7996	-0.4438	0.4938
300	SLV 13	-12.84	-0.74	76.53	13.1645	-0.8629	2.33
300	SLV 14	-11.64	0.08	77.69	13.3517	-0.8921	2.1371
300	SLV 15	-13.1	-3.99	73.76	12.7302	-0.7888	2.3071
300	SLV 16	-11.9	-3.17	74.92	12.9174	-0.8181	2.1141



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
300	CRTFP Ux+	0	0	0	0	0	0
300	CRTFP Ux-	0	0	0	0	0	0
300	CRTFP Uy+	0	0	0	0	0	0
300	CRTFP Uy-	0	0	0	0	0	0
302	SLU 1	0.3	-0.21	28.18	8.4836	-1.7329	-0.118
302	SLU 2	0.28	-0.17	28.1	8.4841	-1.728	-0.1075
302	SLU 3	0.31	-0.21	28.84	8.682	-1.7739	-0.1213
302	SLU 4	0.3	-0.19	28.8	8.6823	-1.7709	-0.115
302	SLU 5	0.28	-0.18	28.52	8.6094	-1.7539	-0.1093
302	SLU 6	0.32	-0.22	29.26	8.8073	-1.7998	-0.1231
302	SLU 7	0.3	-0.2	29.22	8.8076	-1.7969	-0.1168
302	SLU 8	0.31	-0.22	29.02	8.7342	-1.7847	-0.1216
302	SLU 9	0.3	-0.2	28.97	8.7345	-1.7818	-0.1153
302	SLU 10	0.29	-0.16	31.38	9.4621	-1.9292	-0.1122
302	SLU 11	0.33	-0.2	32.12	9.66	-1.9751	-0.1261
302	SLU 12	0.31	-0.18	32.07	9.6603	-1.9721	-0.1198
302	SLU 13	0.3	-0.17	31.8	9.5874	-1.9551	-0.114
302	SLU 14	0.33	-0.21	32.54	9.7853	-2.001	-0.1279
302	SLU 15	0.32	-0.19	32.49	9.7856	-1.9981	-0.1216
302	SLU 16	0.33	-0.21	32.29	9.7123	-1.9859	-0.1263
302	SLU 17	0.31	-0.19	32.25	9.7125	-1.983	-0.12
302	SLU 18	0.33	-0.2	32.86	9.8808	-2.0203	-0.1248
302	SLU 19	0.31	-0.17	32.81	9.8811	-2.0174	-0.1185
302	SLU 20	0.33	-0.2	33.28	10.0061	-2.0462	-0.1266
302	SLU 21	0.32	-0.18	33.23	10.0064	-2.0433	-0.1203
302	SLU 22	0.35	-0.18	31.28	9.4154	-1.924	-0.1326
302	SLU 23	0.33	-0.15	31.21	9.4159	-1.9191	-0.1221
302	SLU 24	0.36	-0.19	31.95	9.6138	-1.965	-0.136
302	SLU 25	0.34	-0.16	31.9	9.614	-1.9621	-0.1297
302	SLU 26	0.33	-0.15	31.63	9.5412	-1.9451	-0.1239
302	SLU 27	0.36	-0.19	32.37	9.7391	-1.9909	-0.1378
302	SLU 28	0.35	-0.17	32.33	9.7394	-1.988	-0.1315
302	SLU 29	0.36	-0.19	32.13	9.666	-1.9759	-0.1362
302	SLU 30	0.34	-0.17	32.08	9.6663	-1.9729	-0.1299
302	SLU 31	0.34	-0.14	34.48	10.3939	-2.1203	-0.1269
302	SLU 32	0.37	-0.18	35.23	10.5918	-2.1662	-0.1407
302	SLU 33	0.36	-0.15	35.18	10.5921	-2.1633	-0.1344
302	SLU 34	0.35	-0.14	34.9	10.5192	-2.1462	-0.1287
302	SLU 35	0.38	-0.18	35.65	10.7171	-2.1921	-0.1425
302	SLU 36	0.36	-0.16	35.6	10.7174	-2.1892	-0.1362
302	SLU 37	0.37	-0.18	35.4	10.6441	-2.1771	-0.141
302	SLU 38	0.36	-0.16	35.36	10.6443	-2.1741	-0.1347
302	SLU 39	0.37	-0.17	35.96	10.8126	-2.2114	-0.1394
302	SLU 40	0.36	-0.15	35.92	10.8129	-2.2085	-0.1331
302	SLU 41	0.38	-0.17	36.38	10.9379	-2.2374	-0.1412
302	SLU 42	0.36	-0.15	36.34	10.9382	-2.2344	-0.1349
302	SLU 43	0.38	-0.28	35.56	10.7092	-2.1873	-0.1484
302	SLU 44	0.35	-0.25	35.49	10.7097	-2.1824	-0.1379
302	SLU 45	0.39	-0.29	36.23	10.9076	-2.2282	-0.1517
302	SLU 46	0.37	-0.27	36.19	10.9079	-2.2253	-0.1454
302	SLU 47	0.36	-0.25	35.91	10.835	-2.2083	-0.1397
302	SLU 48	0.39	-0.29	36.65	11.0329	-2.2541	-0.1535
302	SLU 49	0.38	-0.27	36.61	11.0332	-2.2512	-0.1472
302	SLU 50	0.39	-0.3	36.41	10.9598	-2.2391	-0.152
302	SLU 51	0.37	-0.27	36.36	10.9601	-2.2362	-0.1457
302	SLU 52	0.37	-0.24	38.76	11.6877	-2.3836	-0.1426
302	SLU 53	0.4	-0.28	39.51	11.8856	-2.4294	-0.1565
302	SLU 54	0.39	-0.26	39.46	11.8859	-2.4265	-0.1502
302	SLU 55	0.37	-0.24	39.18	11.813	-2.4095	-0.1444
302	SLU 56	0.41	-0.28	39.93	12.0109	-2.4553	-0.1583
302	SLU 57	0.39	-0.26	39.88	12.0112	-2.4524	-0.1519
302	SLU 58	0.4	-0.29	39.68	11.9379	-2.4403	-0.1567
302	SLU 59	0.39	-0.26	39.64	11.9381	-2.4373	-0.1504
302	SLU 60	0.4	-0.27	40.24	12.1064	-2.4747	-0.1552
302	SLU 61	0.39	-0.25	40.2	12.1067	-2.4717	-0.1489
302	SLU 62	0.4	-0.28	40.66	12.2317	-2.5006	-0.157
302	SLU 63	0.39	-0.25	40.62	12.232	-2.4977	-0.1506
302	SLU 64	0.43	-0.25	38.67	11.641	-2.3784	-0.163
302	SLU 65	0.4	-0.22	38.6	11.6415	-2.3735	-0.1525
302	SLU 66	0.43	-0.26	39.34	11.8394	-2.4193	-0.1664
302	SLU 67	0.42	-0.24	39.29	11.8397	-2.4164	-0.16
302	SLU 68	0.41	-0.23	39.02	11.7668	-2.3994	-0.1543
302	SLU 69	0.44	-0.26	39.76	11.9647	-2.4453	-0.1682
302	SLU 70	0.42	-0.24	39.71	11.965	-2.4423	-0.1618
302	SLU 71	0.43	-0.27	39.51	11.8916	-2.4302	-0.1666
302	SLU 72	0.42	-0.25	39.47	11.8919	-2.4273	-0.1603
302	SLU 73	0.42	-0.21	41.87	12.6195	-2.5747	-0.1572
302	SLU 74	0.45	-0.25	42.61	12.8174	-2.6205	-0.1711
302	SLU 75	0.44	-0.23	42.57	12.8177	-2.6176	-0.1648
302	SLU 76	0.42	-0.22	42.29	12.7448	-2.6006	-0.159
302	SLU 77	0.45	-0.25	43.03	12.9427	-2.6465	-0.1729
302	SLU 78	0.44	-0.23	42.99	12.943	-2.6435	-0.1666
302	SLU 79	0.45	-0.26	42.79	12.8697	-2.6314	-0.1714
302	SLU 80	0.43	-0.24	42.74	12.8699	-2.6285	-0.165
302	SLU 81	0.45	-0.24	43.35	13.0382	-2.6658	-0.1698
302	SLU 82	0.43	-0.22	43.3	13.0385	-2.6628	-0.1635
302	SLU 83	0.45	-0.25	43.77	13.1635	-2.6917	-0.1716
302	SLU 84	0.44	-0.23	43.73	13.1638	-2.6888	-0.1653
302	SLE RA 1	0.32	-0.2	29.06	8.7498	-1.7875	-0.1222



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
302	SLE RA 2	0.3	-0.18	29.01	8.7501	-1.7843	-0.1152
302	SLE RA 3	0.32	-0.2	29.51	8.8821	-1.8148	-0.1244
302	SLE RA 4	0.31	-0.19	29.48	8.8823	-1.8129	-0.1202
302	SLE RA 5	0.3	-0.18	29.29	8.8337	-1.8015	-0.1164
302	SLE RA 6	0.33	-0.21	29.79	8.9656	-1.8321	-0.1256
302	SLE RA 7	0.32	-0.19	29.76	8.9658	-1.8302	-0.1214
302	SLE RA 8	0.32	-0.21	29.63	8.9169	-1.8221	-0.1246
302	SLE RA 9	0.31	-0.2	29.6	8.9171	-1.8201	-0.1204
302	SLE RA 10	0.31	-0.17	31.2	9.4022	-1.9184	-0.1183
302	SLE RA 11	0.33	-0.2	31.69	9.5341	-1.949	-0.1276
302	SLE RA 12	0.32	-0.18	31.66	9.5343	-1.947	-0.1234
302	SLE RA 13	0.31	-0.18	31.48	9.4857	-1.9357	-0.1195
302	SLE RA 14	0.34	-0.2	31.97	9.6176	-1.9662	-0.1288
302	SLE RA 15	0.33	-0.19	31.94	9.6178	-1.9643	-0.1246
302	SLE RA 16	0.33	-0.2	31.81	9.5689	-1.9562	-0.1277
302	SLE RA 17	0.32	-0.19	31.78	9.5691	-1.9542	-0.1235
302	SLE RA 18	0.33	-0.19	32.18	9.6813	-1.9791	-0.1267
302	SLE RA 19	0.32	-0.18	32.15	9.6815	-1.9772	-0.1225
302	SLE RA 20	0.33	-0.2	32.46	9.7648	-1.9964	-0.1279
302	SLE RA 21	0.32	-0.18	32.43	9.765	-1.9944	-0.1237
302	SLE FR 1	0.32	-0.2	29.06	8.7498	-1.7875	-0.1222
302	SLE FR 2	0.31	-0.2	29.05	8.7499	-1.7869	-0.1208
302	SLE FR 3	0.32	-0.2	29.18	8.7832	-1.7944	-0.1227
302	SLE FR 4	0.32	-0.19	29.99	9.0293	-1.8443	-0.1221
302	SLE FR 5	0.32	-0.2	30.11	9.0627	-1.8519	-0.124
302	SLE FR 6	0.32	-0.2	30.62	9.2156	-1.8833	-0.1244
302	SLE QP 1	0.32	-0.2	29.06	8.7498	-1.7875	-0.1222
302	SLE QP 2	0.32	-0.2	30	9.0293	-1.845	-0.1235
302	SLD 1	3.03	0.38	27.23	8.3346	-1.6712	-1.0342
302	SLD 2	3.28	0.57	27.47	8.3973	-1.6864	-1.1109
302	SLD 3	2.97	-0.35	26.64	8.1765	-1.6348	-1.0632
302	SLD 4	3.23	-0.15	26.88	8.2392	-1.6499	-1.14
302	SLD 5	1.18	1.03	30.01	9.0494	-1.8454	-0.3389
302	SLD 6	1.34	1.16	30.17	9.0907	-1.8554	-0.3895
302	SLD 7	0.98	-1.37	28.06	8.5224	-1.7239	-0.4358
302	SLD 8	1.15	-1.25	28.22	8.5637	-1.7339	-0.4863
302	SLD 9	-0.51	0.85	31.78	9.4948	-1.956	0.2392
302	SLD 10	-0.34	0.97	31.94	9.5361	-1.966	0.1887
302	SLD 11	-0.7	-1.56	29.83	8.9678	-1.8346	0.1424
302	SLD 12	-0.53	-1.43	29.99	9.0091	-1.8446	0.0918
302	SLD 13	-2.58	-0.24	33.12	9.8193	-2.04	0.8929
302	SLD 14	-2.33	-0.05	33.36	9.882	-2.0552	0.8162
302	SLD 15	-2.64	-0.96	32.53	9.6612	-2.0036	0.8639
302	SLD 16	-2.39	-0.77	32.77	9.7239	-2.0188	0.7871
302	SLV 1	6.66	1.12	23.49	7.3981	-1.437	-2.2551
302	SLV 2	7.25	1.56	24.06	7.5441	-1.4723	-2.4339
302	SLV 3	6.53	-0.51	22.16	7.0397	-1.3544	-2.3214
302	SLV 4	7.12	-0.07	22.73	7.1857	-1.3897	-2.5002
302	SLV 5	2.32	2.6	29.97	9.0583	-1.8418	-0.6314
302	SLV 6	2.7	2.89	30.33	9.1528	-1.8647	-0.7471
302	SLV 7	1.88	-2.85	25.53	7.8633	-1.5664	-0.8525
302	SLV 8	2.26	-2.56	25.9	7.9578	-1.5892	-0.9681
302	SLV 9	-1.62	2.16	34.1	10.1007	-2.1008	0.721
302	SLV 10	-1.24	2.45	34.47	10.1952	-2.1236	0.6054
302	SLV 11	-2.06	-3.28	29.67	8.9058	-1.8253	0.5
302	SLV 12	-1.68	-3	30.03	9.0002	-1.8482	0.3843
302	SLV 13	-6.48	-0.33	37.27	10.8729	-2.3003	2.2531
302	SLV 14	-5.89	0.12	37.84	11.0189	-2.3356	2.0744
302	SLV 15	-6.61	-1.96	35.94	10.5144	-2.2177	2.1868
302	SLV 16	-6.02	-1.52	36.51	10.6604	-2.253	2.008
302	CRTFP Ux+	0	0	0	0	0	0
302	CRTFP Ux-	0	0	0	0	0	0
302	CRTFP Uy+	0	0	0	0	0	0
302	CRTFP Uy-	0	0	0	0	0	0
303	SLU 1	0.45	-0.21	39.22	10.8467	0.0592	-0.1527
303	SLU 2	0.41	-0.18	39.1	10.8657	0.0597	-0.1414
303	SLU 3	0.46	-0.22	40.15	11.0979	0.0607	-0.1573
303	SLU 4	0.44	-0.2	40.07	11.1094	0.0609	-0.1505
303	SLU 5	0.42	-0.18	39.69	11.0248	0.0606	-0.1435
303	SLU 6	0.47	-0.23	40.73	11.257	0.0616	-0.1594
303	SLU 7	0.44	-0.2	40.66	11.2684	0.0619	-0.1526
303	SLU 8	0.46	-0.23	40.39	11.1647	0.0611	-0.1569
303	SLU 9	0.44	-0.21	40.32	11.1762	0.0613	-0.1501
303	SLU 10	0.43	-0.15	43.64	12.1009	0.0675	-0.149
303	SLU 11	0.48	-0.2	44.68	12.3331	0.0685	-0.1648
303	SLU 12	0.46	-0.17	44.61	12.3445	0.0687	-0.1581
303	SLU 13	0.44	-0.16	44.22	12.2599	0.0684	-0.1511
303	SLU 14	0.49	-0.2	45.27	12.4921	0.0694	-0.1669
303	SLU 15	0.47	-0.18	45.2	12.5035	0.0697	-0.1601
303	SLU 16	0.48	-0.21	44.93	12.3999	0.0689	-0.1645
303	SLU 17	0.46	-0.18	44.86	12.4113	0.0691	-0.1577
303	SLU 18	0.48	-0.18	45.7	12.6112	0.0704	-0.1636
303	SLU 19	0.46	-0.16	45.63	12.6226	0.0706	-0.1568
303	SLU 20	0.48	-0.19	46.29	12.7702	0.0713	-0.1656
303	SLU 21	0.46	-0.17	46.22	12.7816	0.0715	-0.1589
303	SLU 22	0.51	-0.17	43.54	12.0276	0.0661	-0.1765
303	SLU 23	0.48	-0.13	43.42	12.0467	0.0665	-0.1652
303	SLU 24	0.53	-0.17	44.47	12.2789	0.0675	-0.181
303	SLU 25	0.51	-0.15	44.4	12.2903	0.0678	-0.1742



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
303	SLU 26	0.49	-0.14	44.01	12.2057	0.0674	-0.1673
303	SLU 27	0.53	-0.18	45.05	12.4379	0.0684	-0.1831
303	SLU 28	0.51	-0.16	44.98	12.4494	0.0687	-0.1763
303	SLU 29	0.53	-0.18	44.71	12.3457	0.0679	-0.1807
303	SLU 30	0.51	-0.16	44.64	12.3571	0.0681	-0.1739
303	SLU 31	0.5	-0.11	47.96	13.2818	0.0743	-0.1728
303	SLU 32	0.55	-0.15	49.01	13.514	0.0753	-0.1886
303	SLU 33	0.53	-0.13	48.93	13.5255	0.0756	-0.1818
303	SLU 34	0.51	-0.11	48.54	13.4409	0.0752	-0.1748
303	SLU 35	0.56	-0.16	49.59	13.6731	0.0762	-0.1907
303	SLU 36	0.54	-0.13	49.52	13.6845	0.0765	-0.1839
303	SLU 37	0.55	-0.16	49.25	13.5808	0.0757	-0.1882
303	SLU 38	0.53	-0.14	49.18	13.5923	0.0759	-0.1814
303	SLU 39	0.55	-0.13	50.02	13.7921	0.0772	-0.1873
303	SLU 40	0.53	-0.11	49.95	13.8036	0.0775	-0.1805
303	SLU 41	0.55	-0.14	50.61	13.9512	0.0781	-0.1894
303	SLU 42	0.53	-0.12	50.54	13.9626	0.0784	-0.1826
303	SLU 43	0.56	-0.3	49.5	13.6958	0.0747	-0.1904
303	SLU 44	0.52	-0.26	49.38	13.7148	0.0751	-0.1791
303	SLU 45	0.57	-0.3	50.43	13.947	0.0761	-0.195
303	SLU 46	0.55	-0.28	50.36	13.9585	0.0764	-0.1882
303	SLU 47	0.53	-0.27	49.97	13.8739	0.076	-0.1812
303	SLU 48	0.58	-0.31	51.02	14.1061	0.077	-0.197
303	SLU 49	0.56	-0.28	50.94	14.1175	0.0773	-0.1903
303	SLU 50	0.57	-0.31	50.68	14.0138	0.0765	-0.1946
303	SLU 51	0.55	-0.29	50.6	14.0253	0.0767	-0.1878
303	SLU 52	0.54	-0.24	53.92	14.95	0.0829	-0.1867
303	SLU 53	0.59	-0.28	54.97	15.1822	0.0839	-0.2025
303	SLU 54	0.57	-0.25	54.9	15.1936	0.0842	-0.1957
303	SLU 55	0.55	-0.24	54.51	15.109	0.0838	-0.1888
303	SLU 56	0.6	-0.29	55.56	15.3412	0.0848	-0.2046
303	SLU 57	0.58	-0.26	55.48	15.3526	0.0851	-0.1978
303	SLU 58	0.59	-0.29	55.21	15.249	0.0843	-0.2022
303	SLU 59	0.57	-0.27	55.14	15.2604	0.0845	-0.1954
303	SLU 60	0.59	-0.26	55.99	15.4602	0.0858	-0.2012
303	SLU 61	0.57	-0.24	55.91	15.4717	0.0861	-0.1945
303	SLU 62	0.59	-0.27	56.57	15.6193	0.0867	-0.2033
303	SLU 63	0.57	-0.25	56.5	15.6307	0.087	-0.1965
303	SLU 64	0.62	-0.25	53.83	14.8767	0.0815	-0.2142
303	SLU 65	0.59	-0.21	53.7	14.8958	0.0819	-0.2029
303	SLU 66	0.64	-0.25	54.75	15.128	0.083	-0.2187
303	SLU 67	0.62	-0.23	54.68	15.1394	0.0832	-0.2119
303	SLU 68	0.6	-0.22	54.29	15.0548	0.0828	-0.2049
303	SLU 69	0.64	-0.26	55.34	15.287	0.0839	-0.2208
303	SLU 70	0.62	-0.24	55.27	15.2985	0.0841	-0.214
303	SLU 71	0.64	-0.26	55	15.1948	0.0833	-0.2183
303	SLU 72	0.62	-0.24	54.93	15.2062	0.0836	-0.2116
303	SLU 73	0.61	-0.19	58.24	16.1309	0.0897	-0.2104
303	SLU 74	0.66	-0.23	59.29	16.3631	0.0907	-0.2263
303	SLU 75	0.64	-0.21	59.22	16.3746	0.091	-0.2195
303	SLU 76	0.62	-0.19	58.83	16.29	0.0906	-0.2125
303	SLU 77	0.67	-0.24	59.88	16.5222	0.0917	-0.2284
303	SLU 78	0.65	-0.21	59.8	16.5336	0.0919	-0.2216
303	SLU 79	0.66	-0.24	59.54	16.4299	0.0911	-0.2259
303	SLU 80	0.64	-0.22	59.46	16.4414	0.0914	-0.2191
303	SLU 81	0.66	-0.22	60.31	16.6412	0.0926	-0.2275
303	SLU 82	0.64	-0.19	60.24	16.6527	0.0929	-0.2182
303	SLU 83	0.66	-0.22	60.89	16.8002	0.0935	-0.2271
303	SLU 84	0.64	-0.2	60.82	16.8117	0.0938	-0.2203
303	SLE RA 1	0.47	-0.2	40.45	11.1841	0.0612	-0.1595
303	SLE RA 2	0.44	-0.18	40.37	11.1968	0.0615	-0.152
303	SLE RA 3	0.47	-0.2	41.07	11.3516	0.0622	-0.1626
303	SLE RA 4	0.46	-0.19	41.02	11.3592	0.0623	-0.158
303	SLE RA 5	0.45	-0.18	40.76	11.3028	0.0621	-0.1534
303	SLE RA 6	0.48	-0.21	41.46	11.4576	0.0628	-0.1639
303	SLE RA 7	0.46	-0.19	41.41	11.4652	0.0629	-0.1594
303	SLE RA 8	0.47	-0.21	41.24	11.3961	0.0624	-0.1623
303	SLE RA 9	0.46	-0.2	41.19	11.4038	0.0626	-0.1578
303	SLE RA 10	0.46	-0.16	43.4	12.0202	0.0667	-0.157
303	SLE RA 11	0.49	-0.19	44.1	12.175	0.0674	-0.1676
303	SLE RA 12	0.48	-0.17	44.05	12.1827	0.0675	-0.1631
303	SLE RA 13	0.46	-0.17	43.79	12.1262	0.0673	-0.1584
303	SLE RA 14	0.49	-0.19	44.49	12.281	0.068	-0.169
303	SLE RA 15	0.48	-0.18	44.44	12.2887	0.0681	-0.1645
303	SLE RA 16	0.49	-0.2	44.26	12.2196	0.0676	-0.1674
303	SLE RA 17	0.48	-0.18	44.21	12.2272	0.0678	-0.1628
303	SLE RA 18	0.49	-0.18	44.78	12.3604	0.0686	-0.1667
303	SLE RA 19	0.47	-0.16	44.73	12.368	0.0688	-0.1622
303	SLE RA 20	0.49	-0.18	45.17	12.4664	0.0692	-0.1681
303	SLE RA 21	0.48	-0.17	45.12	12.4741	0.0694	-0.1636
303	SLE FR 1	0.47	-0.2	40.45	11.1841	0.0612	-0.1595
303	SLE FR 2	0.46	-0.2	40.44	11.1866	0.0612	-0.158
303	SLE FR 3	0.47	-0.2	40.61	11.2265	0.0614	-0.1601
303	SLE FR 4	0.47	-0.19	41.74	11.5395	0.0635	-0.1602
303	SLE FR 5	0.47	-0.2	41.91	11.5794	0.0637	-0.1622
303	SLE FR 6	0.48	-0.19	42.62	11.7722	0.0649	-0.1631
303	SLE QP 1	0.47	-0.2	40.45	11.1841	0.0612	-0.1595
303	SLE QP 2	0.47	-0.19	41.75	11.537	0.0634	-0.1617
303	SLD 1	4.37	0.61	37.63	10.6958	0.0683	-1.526



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
303	SLD 2	4.73	0.9	37.98	10.7778	0.0684	-1.6536
303	SLD 3	4.28	-0.42	36.8	10.4722	0.0672	-1.4967
303	SLD 4	4.65	-0.13	37.15	10.5542	0.0673	-1.6243
303	SLD 5	1.7	1.56	41.72	11.6091	0.0665	-0.5925
303	SLD 6	1.94	1.74	41.95	11.663	0.0666	-0.6766
303	SLD 7	1.42	-1.87	38.94	10.8637	0.0629	-0.4949
303	SLD 8	1.67	-1.68	39.17	10.9177	0.0629	-0.5789
303	SLD 9	-0.72	1.29	44.33	12.1563	0.0639	0.2555
303	SLD 10	-0.48	1.48	44.56	12.2102	0.064	0.1715
303	SLD 11	-1	-2.13	41.55	11.4109	0.0603	0.3532
303	SLD 12	-0.76	-1.95	41.79	11.4649	0.0603	0.2692
303	SLD 13	-3.71	-0.26	46.35	12.5198	0.0596	1.3009
303	SLD 14	-3.34	0.03	46.7	12.6017	0.0596	1.1733
303	SLD 15	-3.79	-1.29	45.52	12.2962	0.0585	1.3302
303	SLD 16	-3.42	-1	45.87	12.3781	0.0585	1.2026
303	SLV 1	9.59	1.66	32.08	9.5608	0.0748	-3.3533
303	SLV 2	10.44	2.33	32.9	9.7515	0.075	-3.6504
303	SLV 3	9.4	-0.67	30.19	9.0537	0.0723	-3.2863
303	SLV 4	10.25	-0.01	31.01	9.2445	0.0724	-3.5834
303	SLV 5	3.35	3.78	41.58	11.6801	0.0707	-1.1693
303	SLV 6	3.9	4.21	42.11	11.8035	0.0708	-1.3615
303	SLV 7	2.71	-3.99	35.27	9.9898	0.0622	-0.9458
303	SLV 8	3.26	-3.56	35.8	10.1132	0.0623	-1.1381
303	SLV 9	-2.32	3.17	47.7	12.9607	0.0645	0.8147
303	SLV 10	-1.77	3.6	48.23	13.0842	0.0646	0.6225
303	SLV 11	-2.95	-4.6	41.39	11.2704	0.0561	1.0381
303	SLV 12	-2.4	-4.17	41.93	11.3939	0.0562	0.8459
303	SLV 13	-9.3	-0.38	52.49	13.8295	0.0544	3.26
303	SLV 14	-8.45	0.28	53.31	14.0203	0.0545	2.9629
303	SLV 15	-9.49	-2.71	50.6	13.3224	0.0519	3.327
303	SLV 16	-8.64	-2.05	51.42	13.5132	0.052	3.0299
303	CRTFP Ux+	0	0	0	0	0	0
303	CRTFP Ux-	0	0	0	0	0	0
303	CRTFP Uy+	0	0	0	0	0	0
303	CRTFP Uy-	0	0	0	0	0	0
304	SLU 1	0.45	-0.12	37.31	9.1718	0.0663	-0.1558
304	SLU 2	0.42	-0.1	37.18	9.2105	0.0667	-0.1451
304	SLU 3	0.47	-0.12	38.19	9.3807	0.068	-0.1605
304	SLU 4	0.45	-0.11	38.11	9.404	0.0682	-0.154
304	SLU 5	0.43	-0.11	37.73	9.343	0.0678	-0.1473
304	SLU 6	0.47	-0.13	38.74	9.5132	0.069	-0.1626
304	SLU 7	0.45	-0.12	38.66	9.5364	0.0693	-0.1562
304	SLU 8	0.47	-0.13	38.42	9.4368	0.0684	-0.1601
304	SLU 9	0.45	-0.12	38.34	9.46	0.0687	-0.1537
304	SLU 10	0.44	-0.07	41.46	10.233	0.0755	-0.1526
304	SLU 11	0.49	-0.09	42.47	10.4033	0.0767	-0.1679
304	SLU 12	0.47	-0.08	42.39	10.4265	0.077	-0.1615
304	SLU 13	0.45	-0.07	42.02	10.3655	0.0765	-0.1548
304	SLU 14	0.5	-0.1	43.03	10.5358	0.0778	-0.1701
304	SLU 15	0.48	-0.09	42.95	10.559	0.078	-0.1637
304	SLU 16	0.49	-0.1	42.71	10.4593	0.0772	-0.1676
304	SLU 17	0.47	-0.09	42.63	10.4825	0.0774	-0.1612
304	SLU 18	0.49	-0.08	43.43	10.6326	0.0788	-0.1665
304	SLU 19	0.47	-0.06	43.35	10.6558	0.0791	-0.1601
304	SLU 20	0.49	-0.08	43.99	10.7651	0.0799	-0.1687
304	SLU 21	0.47	-0.07	43.91	10.7883	0.0801	-0.1623
304	SLU 22	0.52	-0.07	41.41	10.1535	0.0742	-0.1798
304	SLU 23	0.49	-0.04	41.27	10.1922	0.0746	-0.1691
304	SLU 24	0.54	-0.07	42.29	10.3625	0.0759	-0.1844
304	SLU 25	0.52	-0.06	42.21	10.3857	0.0761	-0.178
304	SLU 26	0.5	-0.05	41.83	10.3247	0.0756	-0.1712
304	SLU 27	0.54	-0.08	42.84	10.4949	0.0769	-0.1866
304	SLU 28	0.52	-0.06	42.76	10.5182	0.0771	-0.1802
304	SLU 29	0.54	-0.08	42.52	10.4185	0.0763	-0.1841
304	SLU 30	0.52	-0.07	42.44	10.4417	0.0765	-0.1777
304	SLU 31	0.51	-0.01	45.56	11.2147	0.0833	-0.1766
304	SLU 32	0.56	-0.04	46.57	11.385	0.0846	-0.1919
304	SLU 33	0.54	-0.02	46.49	11.4082	0.0848	-0.1855
304	SLU 34	0.52	-0.02	46.12	11.3472	0.0843	-0.1787
304	SLU 35	0.56	-0.04	47.13	11.5175	0.0856	-0.1941
304	SLU 36	0.55	-0.03	47.05	11.5407	0.0859	-0.1877
304	SLU 37	0.56	-0.05	46.81	11.441	0.085	-0.1916
304	SLU 38	0.54	-0.03	46.73	11.4642	0.0852	-0.1852
304	SLU 39	0.55	-0.02	47.53	11.6143	0.0867	-0.1905
304	SLU 40	0.53	-0.01	47.45	11.6375	0.0869	-0.1841
304	SLU 41	0.56	-0.03	48.09	11.7468	0.0877	-0.1926
304	SLU 42	0.54	-0.01	48.01	11.77	0.0879	-0.1862
304	SLU 43	0.57	-0.18	47.1	11.5868	0.0836	-0.1943
304	SLU 44	0.53	-0.16	46.96	11.6254	0.0839	-0.1836
304	SLU 45	0.58	-0.18	47.98	11.7957	0.0852	-0.199
304	SLU 46	0.56	-0.17	47.9	11.8189	0.0854	-0.1926
304	SLU 47	0.54	-0.16	47.52	11.7579	0.085	-0.1858
304	SLU 48	0.59	-0.19	48.53	11.9282	0.0863	-0.2011
304	SLU 49	0.57	-0.17	48.45	11.9514	0.0865	-0.1947
304	SLU 50	0.58	-0.19	48.21	11.8517	0.0856	-0.1987
304	SLU 51	0.56	-0.18	48.13	11.8749	0.0859	-0.1922
304	SLU 52	0.56	-0.12	51.25	12.648	0.0927	-0.1911
304	SLU 53	0.6	-0.15	52.26	12.8183	0.094	-0.2065
304	SLU 54	0.58	-0.14	52.18	12.8415	0.0942	-0.2001



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
304	SLU 55	0.56	-0.13	51.81	12.7805	0.0937	-0.1933
304	SLU 56	0.61	-0.15	52.82	12.9507	0.095	-0.2086
304	SLU 57	0.59	-0.14	52.74	12.9739	0.0952	-0.2022
304	SLU 58	0.6	-0.16	52.5	12.8743	0.0944	-0.2061
304	SLU 59	0.58	-0.15	52.42	12.8975	0.0946	-0.1997
304	SLU 60	0.6	-0.13	53.22	13.0475	0.096	-0.205
304	SLU 61	0.58	-0.12	53.14	13.0707	0.0963	-0.1986
304	SLU 62	0.6	-0.14	53.78	13.18	0.0971	-0.2072
304	SLU 63	0.58	-0.13	53.7	13.2032	0.0973	-0.2008
304	SLU 64	0.63	-0.12	51.19	12.5685	0.0914	-0.2183
304	SLU 65	0.6	-0.1	51.06	12.6071	0.0918	-0.2076
304	SLU 66	0.65	-0.12	52.07	12.7774	0.0931	-0.2229
304	SLU 67	0.63	-0.11	51.99	12.8006	0.0933	-0.2165
304	SLU 68	0.61	-0.11	51.62	12.7396	0.0928	-0.2098
304	SLU 69	0.65	-0.13	52.63	12.9099	0.0941	-0.2251
304	SLU 70	0.64	-0.12	52.55	12.9331	0.0943	-0.2187
304	SLU 71	0.65	-0.13	52.31	12.8334	0.0935	-0.2226
304	SLU 72	0.63	-0.12	52.23	12.8566	0.0937	-0.2162
304	SLU 73	0.62	-0.07	55.35	13.6297	0.1005	-0.2151
304	SLU 74	0.67	-0.09	56.36	13.8	0.1018	-0.2304
304	SLU 75	0.65	-0.08	56.28	13.8232	0.102	-0.224
304	SLU 76	0.63	-0.07	55.9	13.7622	0.1016	-0.2173
304	SLU 77	0.68	-0.1	56.92	13.9324	0.1028	-0.2326
304	SLU 78	0.66	-0.09	56.84	13.9557	0.1031	-0.2262
304	SLU 79	0.67	-0.1	56.59	13.856	0.1022	-0.2301
304	SLU 80	0.65	-0.09	56.51	13.8792	0.1025	-0.2237
304	SLU 81	0.67	-0.08	57.32	14.0292	0.1039	-0.229
304	SLU 82	0.65	-0.06	57.24	14.0525	0.1041	-0.2226
304	SLU 83	0.67	-0.08	57.87	14.1617	0.1049	-0.2312
304	SLU 84	0.65	-0.07	57.79	14.1849	0.1052	-0.2247
304	SLE RA 1	0.47	-0.11	38.48	9.4523	0.0686	-0.1626
304	SLE RA 2	0.45	-0.09	38.39	9.4781	0.0688	-0.1555
304	SLE RA 3	0.48	-0.11	39.07	9.5916	0.0697	-0.1658
304	SLE RA 4	0.47	-0.1	39.01	9.6071	0.0698	-0.1615
304	SLE RA 5	0.46	-0.1	38.76	9.5664	0.0695	-0.157
304	SLE RA 6	0.49	-0.11	39.44	9.6799	0.0704	-0.1672
304	SLE RA 7	0.47	-0.1	39.38	9.6954	0.0705	-0.1629
304	SLE RA 8	0.48	-0.11	39.22	9.6289	0.07	-0.1655
304	SLE RA 9	0.47	-0.11	39.17	9.6444	0.0701	-0.1613
304	SLE RA 10	0.47	-0.07	41.25	10.1598	0.0747	-0.1605
304	SLE RA 11	0.5	-0.09	41.92	10.2733	0.0755	-0.1707
304	SLE RA 12	0.48	-0.08	41.87	10.2888	0.0757	-0.1665
304	SLE RA 13	0.47	-0.07	41.62	10.2481	0.0754	-0.162
304	SLE RA 14	0.5	-0.09	42.29	10.3616	0.0762	-0.1722
304	SLE RA 15	0.49	-0.08	42.24	10.3771	0.0764	-0.1679
304	SLE RA 16	0.5	-0.09	42.08	10.3106	0.0758	-0.1705
304	SLE RA 17	0.48	-0.08	42.03	10.3261	0.076	-0.1663
304	SLE RA 18	0.49	-0.08	42.56	10.4261	0.0769	-0.1698
304	SLE RA 19	0.48	-0.07	42.51	10.4416	0.0771	-0.1655
304	SLE RA 20	0.5	-0.08	42.93	10.5145	0.0776	-0.1712
304	SLE RA 21	0.49	-0.07	42.88	10.5299	0.0778	-0.167
304	SLE FR 1	0.47	-0.11	38.48	9.4523	0.0686	-0.1626
304	SLE FR 2	0.47	-0.1	38.46	9.4574	0.0686	-0.1612
304	SLE FR 3	0.47	-0.11	38.63	9.4876	0.0689	-0.1632
304	SLE FR 4	0.48	-0.09	39.69	9.7496	0.0711	-0.1634
304	SLE FR 5	0.48	-0.1	39.85	9.7798	0.0714	-0.1654
304	SLE FR 6	0.48	-0.09	40.52	9.9392	0.0728	-0.1662
304	SLE QP 1	0.47	-0.11	38.48	9.4523	0.0686	-0.1626
304	SLE QP 2	0.48	-0.1	39.7	9.7444	0.0711	-0.1648
304	SLD 1	4.37	0.67	35.44	9.0804	0.0762	-1.5287
304	SLD 2	4.74	0.97	35.79	9.1508	0.0764	-1.6566
304	SLD 3	4.29	-0.34	34.65	8.8739	0.0745	-1.4992
304	SLD 4	4.66	-0.05	34.99	8.9443	0.0747	-1.6271
304	SLD 5	1.71	1.62	39.57	9.8458	0.0753	-0.5958
304	SLD 6	1.95	1.82	39.8	9.8921	0.0754	-0.68
304	SLD 7	1.43	-1.76	36.92	9.1575	0.0694	-0.4974
304	SLD 8	1.67	-1.57	37.15	9.2038	0.0695	-0.5817
304	SLD 9	-0.71	1.38	42.26	10.2851	0.0727	0.2521
304	SLD 10	-0.47	1.57	42.49	10.3314	0.0728	0.1679
304	SLD 11	-0.99	-2.01	39.61	9.5968	0.0668	0.3504
304	SLD 12	-0.75	-1.81	39.84	9.6431	0.0669	0.2662
304	SLD 13	-3.7	-0.15	44.42	10.5446	0.0675	1.2975
304	SLD 14	-3.33	0.15	44.76	10.615	0.0677	1.1696
304	SLD 15	-3.78	-1.16	43.62	10.3381	0.0657	1.327
304	SLD 16	-3.41	-0.86	43.97	10.4085	0.0659	1.1991
304	SLV 1	9.59	1.67	29.7	8.1838	0.0831	-3.3554
304	SLV 2	10.44	2.36	30.51	8.3476	0.0836	-3.6532
304	SLV 3	9.4	-0.64	27.9	7.7146	0.079	-3.2879
304	SLV 4	10.25	0.06	28.71	7.8784	0.0795	-3.5858
304	SLV 5	3.35	3.8	39.3	9.9595	0.0808	-1.1726
304	SLV 6	3.91	4.25	39.83	10.0654	0.0811	-1.3653
304	SLV 7	2.72	-3.87	33.28	8.3954	0.0672	-0.9477
304	SLV 8	3.27	-3.42	33.8	8.5014	0.0675	-1.1404
304	SLV 9	-2.31	3.23	45.6	10.9875	0.0746	0.8109
304	SLV 10	-1.76	3.68	46.13	11.0935	0.0749	0.6181
304	SLV 11	-2.95	-4.44	39.58	9.4234	0.0611	1.0357
304	SLV 12	-2.39	-4	40.1	9.5294	0.0614	0.843
304	SLV 13	-9.29	-0.25	50.7	11.6105	0.0627	3.2562
304	SLV 14	-8.44	0.44	51.51	11.7743	0.0631	2.9583



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
304	SLV 15	-9.48	-2.55	48.9	11.1413	0.0586	3.3236
304	SLV 16	-8.63	-1.86	49.71	11.3051	0.0591	3.0258
304	CRTFP Ux+	0	0	0	0	0	0
304	CRTFP Ux-	0	0	0	0	0	0
304	CRTFP Uy+	0	0	0	0	0	0
304	CRTFP Uy-	0	0	0	0	0	0
305	SLU 1	0.46	-0.04	35.35	7.5465	0.0631	-0.1581
305	SLU 2	0.43	-0.04	35.21	7.6026	0.0634	-0.1481
305	SLU 3	0.47	-0.04	36.18	7.7142	0.0646	-0.1628
305	SLU 4	0.45	-0.04	36.09	7.7479	0.0648	-0.1569
305	SLU 5	0.44	-0.04	35.73	7.7091	0.0644	-0.1504
305	SLU 6	0.48	-0.05	36.71	7.8207	0.0656	-0.1651
305	SLU 7	0.46	-0.05	36.62	7.8544	0.0658	-0.1591
305	SLU 8	0.47	-0.05	36.4	7.7595	0.0651	-0.1625
305	SLU 9	0.45	-0.05	36.32	7.7932	0.0652	-0.1566
305	SLU 10	0.45	0	39.23	8.4184	0.0717	-0.1555
305	SLU 11	0.49	0	40.21	8.53	0.073	-0.1702
305	SLU 12	0.48	0	40.12	8.5637	0.0732	-0.1642
305	SLU 13	0.46	0	39.76	8.5249	0.0727	-0.1577
305	SLU 14	0.5	-0.01	40.73	8.6365	0.074	-0.1724
305	SLU 15	0.48	-0.01	40.65	8.6702	0.0742	-0.1664
305	SLU 16	0.49	-0.01	40.43	8.5753	0.0734	-0.1699
305	SLU 17	0.48	-0.01	40.34	8.6089	0.0736	-0.1639
305	SLU 18	0.49	0.01	41.1	8.7119	0.075	-0.1686
305	SLU 19	0.47	0.02	41.02	8.7456	0.0752	-0.1626
305	SLU 20	0.5	0.01	41.63	8.8184	0.076	-0.1708
305	SLU 21	0.48	0.01	41.54	8.8521	0.0762	-0.1648
305	SLU 22	0.53	0.02	39.21	8.333	0.0706	-0.1821
305	SLU 23	0.5	0.02	39.07	8.3891	0.0709	-0.1722
305	SLU 24	0.54	0.02	40.04	8.5008	0.0722	-0.1869
305	SLU 25	0.52	0.02	39.96	8.5344	0.0724	-0.1809
305	SLU 26	0.5	0.02	39.6	8.4956	0.0719	-0.1744
305	SLU 27	0.55	0.01	40.57	8.6073	0.0732	-0.1891
305	SLU 28	0.53	0.01	40.48	8.6409	0.0734	-0.1831
305	SLU 29	0.54	0.01	40.27	8.5461	0.0726	-0.1866
305	SLU 30	0.52	0.01	40.18	8.5797	0.0728	-0.1806
305	SLU 31	0.52	0.06	43.1	9.2049	0.0793	-0.1795
305	SLU 32	0.56	0.06	44.07	9.3166	0.0806	-0.1942
305	SLU 33	0.55	0.06	43.99	9.3502	0.0807	-0.1883
305	SLU 34	0.53	0.06	43.62	9.3114	0.0803	-0.1818
305	SLU 35	0.57	0.05	44.6	9.4231	0.0816	-0.1965
305	SLU 36	0.55	0.05	44.51	9.4567	0.0817	-0.1905
305	SLU 37	0.56	0.05	44.29	9.3618	0.081	-0.1939
305	SLU 38	0.54	0.05	44.21	9.3955	0.0812	-0.188
305	SLU 39	0.56	0.08	44.97	9.4985	0.0826	-0.1926
305	SLU 40	0.54	0.08	44.88	9.5321	0.0827	-0.1867
305	SLU 41	0.57	0.07	45.49	9.605	0.0836	-0.1949
305	SLU 42	0.55	0.07	45.41	9.6386	0.0837	-0.1889
305	SLU 43	0.57	-0.08	44.63	9.5408	0.0794	-0.1973
305	SLU 44	0.54	-0.07	44.49	9.5969	0.0797	-0.1873
305	SLU 45	0.59	-0.08	45.46	9.7085	0.081	-0.202
305	SLU 46	0.57	-0.07	45.37	9.7421	0.0811	-0.196
305	SLU 47	0.55	-0.08	45.01	9.7034	0.0807	-0.1895
305	SLU 48	0.59	-0.08	45.99	9.815	0.082	-0.2042
305	SLU 49	0.57	-0.08	45.9	9.8486	0.0821	-0.1983
305	SLU 50	0.59	-0.09	45.68	9.7538	0.0814	-0.2017
305	SLU 51	0.57	-0.08	45.6	9.7874	0.0816	-0.1957
305	SLU 52	0.56	-0.03	48.52	10.4126	0.088	-0.1947
305	SLU 53	0.61	-0.04	49.49	10.5243	0.0893	-0.2094
305	SLU 54	0.59	-0.03	49.4	10.5579	0.0895	-0.2034
305	SLU 55	0.57	-0.04	49.04	10.5192	0.089	-0.1969
305	SLU 56	0.61	-0.04	50.01	10.6308	0.0903	-0.2116
305	SLU 57	0.6	-0.04	49.93	10.6644	0.0905	-0.2056
305	SLU 58	0.61	-0.05	49.71	10.5696	0.0897	-0.2091
305	SLU 59	0.59	-0.04	49.62	10.6032	0.0899	-0.2031
305	SLU 60	0.6	-0.02	50.38	10.7062	0.0913	-0.2078
305	SLU 61	0.59	-0.02	50.3	10.7398	0.0915	-0.2018
305	SLU 62	0.61	-0.02	50.91	10.8127	0.0923	-0.21
305	SLU 63	0.59	-0.02	50.82	10.8463	0.0925	-0.204
305	SLU 64	0.64	-0.01	48.49	10.3273	0.0869	-0.2213
305	SLU 65	0.61	-0.01	48.35	10.3834	0.0872	-0.2114
305	SLU 66	0.66	-0.02	49.33	10.495	0.0885	-0.2261
305	SLU 67	0.64	-0.01	49.24	10.5287	0.0887	-0.2201
305	SLU 68	0.62	-0.02	48.88	10.4899	0.0882	-0.2136
305	SLU 69	0.66	-0.02	49.85	10.6015	0.0895	-0.2283
305	SLU 70	0.64	-0.02	49.76	10.6352	0.0897	-0.2223
305	SLU 71	0.65	-0.03	49.55	10.5403	0.0889	-0.2258
305	SLU 72	0.64	-0.02	49.46	10.574	0.0891	-0.2198
305	SLU 73	0.63	0.03	52.38	11.1992	0.0956	-0.2187
305	SLU 74	0.68	0.02	53.35	11.3108	0.0969	-0.2334
305	SLU 75	0.66	0.03	53.27	11.3445	0.0971	-0.2274
305	SLU 76	0.64	0.02	52.91	11.3057	0.0966	-0.2209
305	SLU 77	0.68	0.02	53.88	11.4173	0.0979	-0.2356
305	SLU 78	0.67	0.02	53.79	11.451	0.0981	-0.2297
305	SLU 79	0.68	0.01	53.57	11.3561	0.0973	-0.2331
305	SLU 80	0.66	0.02	53.49	11.3898	0.0975	-0.2271
305	SLU 81	0.67	0.04	54.25	11.4927	0.0989	-0.2318
305	SLU 82	0.65	0.04	54.16	11.5264	0.0991	-0.2258
305	SLU 83	0.68	0.04	54.77	11.5992	0.0999	-0.234



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
305	SLU 84	0.66	0.04	54.69	11.6329	0.1001	-0.2281
305	SLE RA 1	0.48	-0.02	36.45	7.7712	0.0652	-0.165
305	SLE RA 2	0.46	-0.02	36.36	7.8086	0.0654	-0.1583
305	SLE RA 3	0.49	-0.03	37.01	7.883	0.0663	-0.1681
305	SLE RA 4	0.48	-0.02	36.95	7.9055	0.0664	-0.1641
305	SLE RA 5	0.46	-0.03	36.71	7.8796	0.0661	-0.1598
305	SLE RA 6	0.49	-0.03	37.36	7.954	0.0669	-0.1696
305	SLE RA 7	0.48	-0.03	37.3	7.9765	0.0671	-0.1656
305	SLE RA 8	0.49	-0.03	37.16	7.9132	0.0665	-0.1679
305	SLE RA 9	0.47	-0.03	37.1	7.9357	0.0667	-0.1639
305	SLE RA 10	0.47	0.01	39.04	8.3525	0.071	-0.1632
305	SLE RA 11	0.5	0	39.69	8.4269	0.0718	-0.173
305	SLE RA 12	0.49	0	39.64	8.4493	0.072	-0.169
305	SLE RA 13	0.48	0	39.39	8.4235	0.0716	-0.1647
305	SLE RA 14	0.51	0	40.04	8.4979	0.0725	-0.1745
305	SLE RA 15	0.49	0	39.99	8.5203	0.0726	-0.1705
305	SLE RA 16	0.5	-0.01	39.84	8.4571	0.0721	-0.1728
305	SLE RA 17	0.49	0	39.78	8.4795	0.0722	-0.1688
305	SLE RA 18	0.5	0.01	40.29	8.5482	0.0732	-0.172
305	SLE RA 19	0.49	0.02	40.23	8.5706	0.0733	-0.168
305	SLE RA 20	0.5	0.01	40.64	8.6192	0.0738	-0.1734
305	SLE RA 21	0.49	0.01	40.58	8.6416	0.074	-0.1695
305	SLE FR 1	0.48	-0.02	36.45	7.7712	0.0652	-0.165
305	SLE FR 2	0.47	-0.02	36.44	7.7787	0.0653	-0.1636
305	SLE FR 3	0.48	-0.03	36.59	7.7996	0.0655	-0.1655
305	SLE FR 4	0.48	-0.01	37.59	8.0118	0.0676	-0.1657
305	SLE FR 5	0.49	-0.01	37.75	8.0327	0.0679	-0.1676
305	SLE FR 6	0.49	-0.01	38.37	8.1597	0.0692	-0.1685
305	SLE QP 1	0.48	-0.02	36.45	7.7712	0.0652	-0.165
305	SLE QP 2	0.48	-0.01	37.61	8.0043	0.0676	-0.1671
305	SLD 1	4.37	0.7	33.18	7.5018	0.074	-1.5301
305	SLD 2	4.74	1.01	33.52	7.5598	0.0742	-1.6582
305	SLD 3	4.29	-0.3	32.43	7.3152	0.072	-1.5005
305	SLD 4	4.66	0.01	32.77	7.3733	0.0722	-1.6286
305	SLD 5	1.71	1.67	37.35	8.1261	0.0724	-0.5979
305	SLD 6	1.96	1.87	37.58	8.1643	0.0726	-0.6822
305	SLD 7	1.43	-1.68	34.86	7.5043	0.0659	-0.4993
305	SLD 8	1.67	-1.48	35.08	7.5425	0.0661	-0.5836
305	SLD 9	-0.71	1.45	40.13	8.4661	0.0691	0.2495
305	SLD 10	-0.46	1.65	40.35	8.5044	0.0693	0.1651
305	SLD 11	-0.99	-1.9	37.63	7.8443	0.0626	0.3481
305	SLD 12	-0.74	-1.7	37.86	7.8826	0.0628	0.2638
305	SLD 13	-3.69	-0.03	42.44	8.6353	0.063	1.2945
305	SLD 14	-3.32	0.28	42.78	8.6934	0.0632	1.1664
305	SLD 15	-3.77	-1.04	41.69	8.4488	0.061	1.3241
305	SLD 16	-3.41	-0.73	42.03	8.5069	0.0612	1.196
305	SLV 1	9.58	1.63	27.22	6.8231	0.0825	-3.3556
305	SLV 2	10.44	2.34	28.01	6.9583	0.083	-3.6539
305	SLV 3	9.39	-0.65	25.52	6.3972	0.078	-3.288
305	SLV 4	10.25	0.07	26.31	6.5324	0.0785	-3.5863
305	SLV 5	3.36	3.81	36.93	8.2724	0.0787	-1.1744
305	SLV 6	3.91	4.27	37.44	8.3599	0.079	-1.3674
305	SLV 7	2.72	-3.78	31.27	6.8528	0.0639	-0.949
305	SLV 8	3.27	-3.32	31.78	6.9403	0.0642	-1.1421
305	SLV 9	-2.3	3.29	43.43	9.0684	0.071	0.8079
305	SLV 10	-1.75	3.76	43.94	9.1558	0.0713	0.6149
305	SLV 11	-2.94	-4.3	37.77	7.6487	0.0562	1.0333
305	SLV 12	-2.39	-3.84	38.28	7.7362	0.0565	0.8403
305	SLV 13	-9.28	-0.09	48.9	9.4762	0.0567	3.2522
305	SLV 14	-8.42	0.62	49.69	9.6114	0.0572	2.9539
305	SLV 15	-9.47	-2.37	47.2	9.0503	0.0522	3.3198
305	SLV 16	-8.61	-1.66	47.99	9.1855	0.0527	3.0215
305	CRTFP Ux+	0	0	0	0	0	0
305	CRTFP Ux-	0	0	0	0	0	0
305	CRTFP Uy+	0	0	0	0	0	0
305	CRTFP Uy-	0	0	0	0	0	0
306	SLU 1	0.46	0.02	33.6	6.1168	0.0532	-0.1598
306	SLU 2	0.44	0.02	33.44	6.1865	0.0534	-0.1507
306	SLU 3	0.48	0.02	34.38	6.2481	0.0545	-0.1647
306	SLU 4	0.46	0.02	34.29	6.2899	0.0547	-0.1592
306	SLU 5	0.44	0.01	33.94	6.27	0.0543	-0.153
306	SLU 6	0.48	0.02	34.88	6.3316	0.0554	-0.167
306	SLU 7	0.47	0.01	34.79	6.3735	0.0555	-0.1615
306	SLU 8	0.48	0.01	34.59	6.2838	0.0549	-0.1644
306	SLU 9	0.46	0.01	34.5	6.3256	0.055	-0.1589
306	SLU 10	0.46	0.06	37.24	6.8199	0.0606	-0.1579
306	SLU 11	0.5	0.07	38.18	6.8816	0.0617	-0.1719
306	SLU 12	0.48	0.06	38.09	6.9234	0.0618	-0.1664
306	SLU 13	0.46	0.06	37.74	6.9035	0.0614	-0.1602
306	SLU 14	0.5	0.06	38.67	6.9651	0.0625	-0.1741
306	SLU 15	0.49	0.06	38.58	7.0069	0.0627	-0.1687
306	SLU 16	0.5	0.06	38.38	6.9173	0.062	-0.1716
306	SLU 17	0.48	0.06	38.29	6.9591	0.0622	-0.1661
306	SLU 18	0.49	0.09	39.02	7.0217	0.0634	-0.1701
306	SLU 19	0.48	0.09	38.92	7.0636	0.0635	-0.1646
306	SLU 20	0.5	0.09	39.51	7.1053	0.0642	-0.1724
306	SLU 21	0.48	0.08	39.42	7.1471	0.0644	-0.1669
306	SLU 22	0.53	0.09	37.25	6.7305	0.0596	-0.1839
306	SLU 23	0.5	0.08	37.1	6.8002	0.0599	-0.1748



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
306	SLU 24	0.55	0.09	38.03	6.8619	0.061	-0.1888
306	SLU 25	0.53	0.08	37.94	6.9037	0.0611	-0.1833
306	SLU 26	0.51	0.07	37.6	6.8837	0.0607	-0.1771
306	SLU 27	0.55	0.08	38.53	6.9454	0.0618	-0.191
306	SLU 28	0.54	0.08	38.44	6.9872	0.062	-0.1856
306	SLU 29	0.54	0.08	38.24	6.8976	0.0613	-0.1885
306	SLU 30	0.53	0.07	38.15	6.9394	0.0615	-0.183
306	SLU 31	0.53	0.13	40.89	7.4337	0.067	-0.182
306	SLU 32	0.57	0.13	41.83	7.4954	0.0681	-0.1959
306	SLU 33	0.55	0.13	41.74	7.5372	0.0683	-0.1905
306	SLU 34	0.53	0.12	41.39	7.5172	0.0679	-0.1843
306	SLU 35	0.57	0.13	42.33	7.5789	0.069	-0.1982
306	SLU 36	0.56	0.12	42.24	7.6207	0.0691	-0.1927
306	SLU 37	0.57	0.13	42.04	7.531	0.0685	-0.1957
306	SLU 38	0.55	0.12	41.95	7.5729	0.0686	-0.1902
306	SLU 39	0.56	0.16	42.67	7.6355	0.0698	-0.1942
306	SLU 40	0.55	0.15	42.58	7.6773	0.07	-0.1887
306	SLU 41	0.57	0.15	43.17	7.719	0.0707	-0.1965
306	SLU 42	0.55	0.15	43.08	7.7608	0.0708	-0.191
306	SLU 43	0.58	0.01	42.42	7.7414	0.0669	-0.1995
306	SLU 44	0.55	0	42.27	7.8111	0.0672	-0.1904
306	SLU 45	0.59	0.01	43.21	7.8727	0.0683	-0.2044
306	SLU 46	0.58	0	43.12	7.9145	0.0684	-0.1989
306	SLU 47	0.56	0	42.77	7.8946	0.068	-0.1927
306	SLU 48	0.6	0	43.71	7.9562	0.0691	-0.2067
306	SLU 49	0.58	0	43.62	7.998	0.0693	-0.2012
306	SLU 50	0.59	0	43.42	7.9084	0.0686	-0.2041
306	SLU 51	0.57	-0.01	43.33	7.9502	0.0688	-0.1986
306	SLU 52	0.57	0.05	46.06	8.4445	0.0743	-0.1976
306	SLU 53	0.61	0.05	47	8.5062	0.0754	-0.2116
306	SLU 54	0.6	0.05	46.91	8.548	0.0756	-0.2061
306	SLU 55	0.58	0.04	46.56	8.5281	0.0752	-0.1999
306	SLU 56	0.62	0.05	47.5	8.5897	0.0763	-0.2138
306	SLU 57	0.6	0.05	47.41	8.6315	0.0764	-0.2084
306	SLU 58	0.61	0.05	47.21	8.5419	0.0758	-0.2113
306	SLU 59	0.6	0.04	47.12	8.5837	0.0759	-0.2058
306	SLU 60	0.61	0.08	47.84	8.6463	0.0771	-0.2098
306	SLU 61	0.59	0.07	47.75	8.6882	0.0773	-0.2043
306	SLU 62	0.61	0.07	48.34	8.7299	0.078	-0.2121
306	SLU 63	0.6	0.07	48.25	8.7717	0.0781	-0.2066
306	SLU 64	0.65	0.07	46.07	8.3551	0.0734	-0.2236
306	SLU 65	0.62	0.07	45.92	8.4248	0.0736	-0.2145
306	SLU 66	0.66	0.07	46.86	8.4865	0.0747	-0.2285
306	SLU 67	0.64	0.07	46.77	8.5283	0.0749	-0.223
306	SLU 68	0.63	0.06	46.42	8.5083	0.0745	-0.2168
306	SLU 69	0.67	0.07	47.36	8.57	0.0756	-0.2307
306	SLU 70	0.65	0.06	47.27	8.6118	0.0757	-0.2253
306	SLU 71	0.66	0.06	47.07	8.5222	0.0751	-0.2282
306	SLU 72	0.64	0.06	46.98	8.564	0.0752	-0.2227
306	SLU 73	0.64	0.11	49.72	9.0583	0.0808	-0.2217
306	SLU 74	0.68	0.12	50.65	9.12	0.0819	-0.2356
306	SLU 75	0.67	0.11	50.56	9.1618	0.082	-0.2302
306	SLU 76	0.65	0.11	50.22	9.1418	0.0816	-0.224
306	SLU 77	0.69	0.11	51.15	9.2035	0.0827	-0.2379
306	SLU 78	0.67	0.11	51.06	9.2453	0.0829	-0.2324
306	SLU 79	0.68	0.11	50.86	9.1556	0.0822	-0.2354
306	SLU 80	0.66	0.11	50.77	9.1975	0.0824	-0.2299
306	SLU 81	0.68	0.14	51.49	9.2601	0.0836	-0.2339
306	SLU 82	0.66	0.14	51.4	9.3019	0.0837	-0.2284
306	SLU 83	0.68	0.14	51.99	9.3436	0.0844	-0.2362
306	SLU 84	0.67	0.13	51.9	9.3854	0.0846	-0.2307
306	SLE RA 1	0.48	0.04	34.64	6.2921	0.055	-0.1667
306	SLE RA 2	0.46	0.04	34.54	6.3386	0.0552	-0.1607
306	SLE RA 3	0.49	0.04	35.16	6.3797	0.0559	-0.1699
306	SLE RA 4	0.48	0.04	35.1	6.4076	0.056	-0.1663
306	SLE RA 5	0.47	0.03	34.87	6.3943	0.0558	-0.1622
306	SLE RA 6	0.5	0.04	35.5	6.4354	0.0565	-0.1715
306	SLE RA 7	0.49	0.03	35.43	6.4633	0.0566	-0.1678
306	SLE RA 8	0.49	0.04	35.3	6.4035	0.0562	-0.1698
306	SLE RA 9	0.48	0.03	35.24	6.4314	0.0563	-0.1661
306	SLE RA 10	0.48	0.07	37.07	6.7609	0.06	-0.1654
306	SLE RA 11	0.51	0.07	37.69	6.802	0.0607	-0.1747
306	SLE RA 12	0.49	0.07	37.63	6.8299	0.0608	-0.1711
306	SLE RA 13	0.48	0.06	37.4	6.8166	0.0605	-0.167
306	SLE RA 14	0.51	0.07	38.02	6.8577	0.0613	-0.1762
306	SLE RA 15	0.5	0.07	37.96	6.8856	0.0613	-0.1726
306	SLE RA 16	0.51	0.07	37.83	6.8258	0.0609	-0.1745
306	SLE RA 17	0.49	0.06	37.77	6.8537	0.061	-0.1709
306	SLE RA 18	0.5	0.09	38.25	6.8954	0.0618	-0.1736
306	SLE RA 19	0.49	0.08	38.19	6.9233	0.0619	-0.1699
306	SLE RA 20	0.51	0.08	38.58	6.9511	0.0624	-0.1751
306	SLE RA 21	0.5	0.08	38.52	6.979	0.0625	-0.1714
306	SLE FR 1	0.48	0.04	34.64	6.2921	0.055	-0.1667
306	SLE FR 2	0.48	0.04	34.62	6.3014	0.0551	-0.1655
306	SLE FR 3	0.48	0.04	34.77	6.3144	0.0553	-0.1673
306	SLE FR 4	0.48	0.05	35.7	6.4824	0.0571	-0.1676
306	SLE FR 5	0.49	0.05	35.86	6.4954	0.0573	-0.1694
306	SLE FR 6	0.49	0.06	36.45	6.5938	0.0584	-0.1701
306	SLE QP 1	0.48	0.04	34.64	6.2921	0.055	-0.1667



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
306	SLE QP 2	0.49	0.06	35.72	6.4731	0.0571	-0.1688
306	SLD 1	4.37	0.71	31.08	6.0996	0.0654	-1.5306
306	SLD 2	4.74	1.03	31.42	6.1463	0.0655	-1.6588
306	SLD 3	4.29	-0.29	30.38	5.9278	0.0636	-1.501
306	SLD 4	4.66	0.03	30.72	5.9746	0.0638	-1.6292
306	SLD 5	1.72	1.72	35.33	6.6132	0.0622	-0.5992
306	SLD 6	1.96	1.93	35.56	6.644	0.0623	-0.6836
306	SLD 7	1.43	-1.62	33	6.0407	0.0564	-0.5006
306	SLD 8	1.68	-1.41	33.22	6.0715	0.0564	-0.585
306	SLD 9	-0.7	1.52	38.23	6.8748	0.0577	0.2475
306	SLD 10	-0.46	1.74	38.45	6.9056	0.0578	0.163
306	SLD 11	-0.98	-1.81	35.89	6.3023	0.0519	0.3461
306	SLD 12	-0.74	-1.6	36.11	6.3331	0.052	0.2617
306	SLD 13	-3.68	0.08	40.73	6.9717	0.0504	1.2917
306	SLD 14	-3.31	0.4	41.06	7.0184	0.0505	1.1635
306	SLD 15	-3.76	-0.92	40.03	6.7999	0.0487	1.3212
306	SLD 16	-3.4	-0.6	40.36	6.8467	0.0488	1.1931
306	SLV 1	9.58	1.56	24.84	5.5956	0.0765	-3.3544
306	SLV 2	10.43	2.31	25.62	5.7045	0.0767	-3.6529
306	SLV 3	9.38	-0.71	23.25	5.2005	0.0725	-3.2868
306	SLV 4	10.24	0.03	24.03	5.3094	0.0728	-3.5854
306	SLV 5	3.36	3.83	34.74	6.7902	0.0689	-1.1751
306	SLV 6	3.91	4.31	35.24	6.8606	0.0691	-1.3683
306	SLV 7	2.71	-3.75	29.43	5.4732	0.0556	-0.9499
306	SLV 8	3.27	-3.27	29.94	5.5437	0.0558	-1.1431
306	SLV 9	-2.29	3.38	41.51	7.4026	0.0584	0.8055
306	SLV 10	-1.74	3.86	42.02	7.473	0.0586	0.6124
306	SLV 11	-2.94	-4.2	36.2	6.0856	0.0451	1.0307
306	SLV 12	-2.38	-3.71	36.71	6.1561	0.0453	0.8376
306	SLV 13	-9.26	0.08	47.42	7.6369	0.0414	3.2478
306	SLV 14	-8.41	0.82	48.2	7.7457	0.0417	2.9493
306	SLV 15	-9.46	-2.2	45.82	7.2418	0.0374	3.3154
306	SLV 16	-8.6	-1.45	46.61	7.3507	0.0377	3.0168
306	CRTFP Ux+	0	0	0	0	0	0
306	CRTFP Ux-	0	0	0	0	0	0
306	CRTFP Uy+	0	0	0	0	0	0
306	CRTFP Uy-	0	0	0	0	0	0
307	SLU 1	0.47	0.08	32.2	4.976	0.0393	-0.1612
307	SLU 2	0.44	0.06	32.04	5.0543	0.0395	-0.153
307	SLU 3	0.48	0.08	32.95	5.0783	0.0403	-0.1661
307	SLU 4	0.47	0.07	32.86	5.1253	0.0404	-0.1612
307	SLU 5	0.45	0.06	32.52	5.1194	0.0401	-0.1553
307	SLU 6	0.49	0.07	33.43	5.1434	0.0409	-0.1685
307	SLU 7	0.47	0.06	33.33	5.1904	0.041	-0.1635
307	SLU 8	0.48	0.07	33.15	5.1062	0.0406	-0.1659
307	SLU 9	0.46	0.06	33.06	5.1532	0.0407	-0.161
307	SLU 10	0.46	0.12	35.65	5.5419	0.0449	-0.16
307	SLU 11	0.5	0.13	36.56	5.5659	0.0457	-0.1731
307	SLU 12	0.49	0.12	36.46	5.6128	0.0458	-0.1682
307	SLU 13	0.47	0.11	36.12	5.607	0.0455	-0.1623
307	SLU 14	0.51	0.13	37.03	5.631	0.0463	-0.1755
307	SLU 15	0.49	0.12	36.94	5.6779	0.0464	-0.1705
307	SLU 16	0.5	0.12	36.76	5.5938	0.046	-0.1729
307	SLU 17	0.49	0.12	36.66	5.6407	0.0461	-0.168
307	SLU 18	0.5	0.16	37.35	5.6725	0.047	-0.1712
307	SLU 19	0.48	0.15	37.26	5.7195	0.0471	-0.1663
307	SLU 20	0.5	0.15	37.83	5.7376	0.0477	-0.1736
307	SLU 21	0.49	0.14	37.73	5.7846	0.0478	-0.1686
307	SLU 22	0.53	0.15	35.68	5.4512	0.0441	-0.1853
307	SLU 23	0.51	0.13	35.53	5.5295	0.0443	-0.1771
307	SLU 24	0.55	0.15	36.44	5.5535	0.0451	-0.1902
307	SLU 25	0.53	0.14	36.34	5.6005	0.0452	-0.1853
307	SLU 26	0.52	0.13	36	5.5946	0.0449	-0.1794
307	SLU 27	0.56	0.14	36.91	5.6186	0.0457	-0.1925
307	SLU 28	0.54	0.13	36.82	5.6656	0.0458	-0.1876
307	SLU 29	0.55	0.14	36.63	5.5814	0.0454	-0.1899
307	SLU 30	0.53	0.13	36.54	5.6284	0.0455	-0.185
307	SLU 31	0.53	0.18	39.13	6.017	0.0497	-0.1841
307	SLU 32	0.57	0.2	40.04	6.041	0.0505	-0.1972
307	SLU 33	0.56	0.19	39.95	6.088	0.0506	-0.1923
307	SLU 34	0.54	0.18	39.61	6.0821	0.0503	-0.1864
307	SLU 35	0.58	0.2	40.52	6.1061	0.0511	-0.1995
307	SLU 36	0.56	0.19	40.42	6.1531	0.0512	-0.1946
307	SLU 37	0.57	0.19	40.24	6.0689	0.0508	-0.1969
307	SLU 38	0.55	0.18	40.15	6.1159	0.0509	-0.192
307	SLU 39	0.56	0.22	40.83	6.1476	0.0519	-0.1953
307	SLU 40	0.55	0.21	40.74	6.1946	0.052	-0.1904
307	SLU 41	0.57	0.22	41.31	6.2127	0.0525	-0.1976
307	SLU 42	0.56	0.21	41.21	6.2597	0.0526	-0.1927
307	SLU 43	0.58	0.08	40.67	6.306	0.0495	-0.2014
307	SLU 44	0.56	0.06	40.51	6.3842	0.0496	-0.1931
307	SLU 45	0.6	0.08	41.42	6.4082	0.0504	-0.2063
307	SLU 46	0.58	0.07	41.32	6.4552	0.0505	-0.2013
307	SLU 47	0.56	0.06	40.99	6.4493	0.0502	-0.1955
307	SLU 48	0.6	0.08	41.89	6.4733	0.0511	-0.2086
307	SLU 49	0.59	0.07	41.8	6.5203	0.0512	-0.2037
307	SLU 50	0.6	0.07	41.62	6.4361	0.0507	-0.206
307	SLU 51	0.58	0.06	41.52	6.4831	0.0508	-0.2011
307	SLU 52	0.58	0.12	44.11	6.8718	0.055	-0.2001



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
307	SLU 53	0.62	0.13	45.02	6.8958	0.0558	-0.2133
307	SLU 54	0.6	0.12	44.93	6.9427	0.0559	-0.2083
307	SLU 55	0.59	0.11	44.59	6.9369	0.0557	-0.2025
307	SLU 56	0.62	0.13	45.5	6.9609	0.0565	-0.2156
307	SLU 57	0.61	0.12	45.4	7.0078	0.0566	-0.2106
307	SLU 58	0.62	0.13	45.22	6.9237	0.0561	-0.213
307	SLU 59	0.6	0.12	45.13	6.9706	0.0562	-0.2081
307	SLU 60	0.61	0.16	45.82	7.0024	0.0572	-0.2113
307	SLU 61	0.6	0.15	45.72	7.0494	0.0573	-0.2064
307	SLU 62	0.62	0.15	46.29	7.0675	0.0578	-0.2137
307	SLU 63	0.6	0.14	46.2	7.1145	0.0579	-0.2087
307	SLU 64	0.65	0.15	44.15	6.7811	0.0543	-0.2254
307	SLU 65	0.63	0.13	43.99	6.8594	0.0544	-0.2172
307	SLU 66	0.66	0.15	44.9	6.8834	0.0553	-0.2303
307	SLU 67	0.65	0.14	44.81	6.9304	0.0553	-0.2254
307	SLU 68	0.63	0.13	44.47	6.9245	0.0551	-0.2195
307	SLU 69	0.67	0.14	45.38	6.9485	0.0559	-0.2326
307	SLU 70	0.66	0.13	45.28	6.9955	0.056	-0.2277
307	SLU 71	0.66	0.14	45.1	6.9113	0.0555	-0.2301
307	SLU 72	0.65	0.13	45.01	6.9583	0.0556	-0.2251
307	SLU 73	0.65	0.19	47.6	7.3469	0.0599	-0.2242
307	SLU 74	0.69	0.2	48.51	7.3709	0.0607	-0.2373
307	SLU 75	0.67	0.19	48.41	7.4179	0.0608	-0.2324
307	SLU 76	0.65	0.18	48.07	7.412	0.0605	-0.2265
307	SLU 77	0.69	0.2	48.98	7.436	0.0613	-0.2396
307	SLU 78	0.68	0.19	48.89	7.483	0.0614	-0.2347
307	SLU 79	0.68	0.19	48.71	7.3988	0.0609	-0.2371
307	SLU 80	0.67	0.18	48.61	7.4458	0.061	-0.2321
307	SLU 81	0.68	0.22	49.3	7.4775	0.062	-0.2354
307	SLU 82	0.67	0.22	49.21	7.5245	0.0621	-0.2305
307	SLU 83	0.69	0.22	49.77	7.5426	0.0626	-0.2377
307	SLU 84	0.67	0.21	49.68	7.5896	0.0627	-0.2328
307	SLE RA 1	0.49	0.1	33.2	5.1118	0.0407	-0.1681
307	SLE RA 2	0.47	0.09	33.09	5.164	0.0408	-0.1626
307	SLE RA 3	0.49	0.1	33.7	5.18	0.0413	-0.1714
307	SLE RA 4	0.49	0.09	33.63	5.2113	0.0414	-0.1681
307	SLE RA 5	0.47	0.09	33.41	5.2074	0.0412	-0.1642
307	SLE RA 6	0.5	0.1	34.01	5.2234	0.0418	-0.1729
307	SLE RA 7	0.49	0.09	33.95	5.2547	0.0418	-0.1696
307	SLE RA 8	0.49	0.09	33.83	5.1986	0.0415	-0.1712
307	SLE RA 9	0.48	0.09	33.77	5.2299	0.0416	-0.1679
307	SLE RA 10	0.48	0.12	35.49	5.489	0.0444	-0.1673
307	SLE RA 11	0.51	0.13	36.1	5.505	0.0449	-0.176
307	SLE RA 12	0.5	0.13	36.04	5.5363	0.045	-0.1728
307	SLE RA 13	0.49	0.12	35.81	5.5324	0.0448	-0.1688
307	SLE RA 14	0.51	0.13	36.42	5.5484	0.0454	-0.1776
307	SLE RA 15	0.5	0.12	36.35	5.5797	0.0454	-0.1743
307	SLE RA 16	0.51	0.13	36.23	5.5236	0.0451	-0.1759
307	SLE RA 17	0.5	0.12	36.17	5.5549	0.0452	-0.1726
307	SLE RA 18	0.51	0.15	36.63	5.5761	0.0458	-0.1748
307	SLE RA 19	0.5	0.14	36.57	5.6074	0.0459	-0.1715
307	SLE RA 20	0.51	0.15	36.95	5.6195	0.0463	-0.1763
307	SLE RA 21	0.5	0.14	36.88	5.6508	0.0463	-0.173
307	SLE FR 1	0.49	0.1	33.2	5.1118	0.0407	-0.1681
307	SLE FR 2	0.48	0.1	33.17	5.1222	0.0407	-0.167
307	SLE FR 3	0.49	0.1	33.32	5.1292	0.0409	-0.1687
307	SLE FR 4	0.49	0.11	34.2	5.2615	0.0423	-0.169
307	SLE FR 5	0.49	0.11	34.35	5.2685	0.0424	-0.1707
307	SLE FR 6	0.5	0.12	34.91	5.344	0.0433	-0.1714
307	SLE QP 1	0.49	0.1	33.2	5.1118	0.0407	-0.1681
307	SLE QP 2	0.49	0.11	34.23	5.2511	0.0422	-0.1701
307	SLD 1	4.37	0.72	29.3	4.9578	0.0531	-1.5303
307	SLD 2	4.74	1.05	29.64	4.9954	0.053	-1.6585
307	SLD 3	4.29	-0.29	28.64	4.7934	0.0518	-1.5008
307	SLD 4	4.65	0.04	28.98	4.8311	0.0517	-1.629
307	SLD 5	1.72	1.77	33.7	5.4056	0.0475	-0.6
307	SLD 6	1.96	1.99	33.92	5.4304	0.0474	-0.6844
307	SLD 7	1.43	-1.6	31.48	4.8578	0.0431	-0.5015
307	SLD 8	1.68	-1.38	31.7	4.8826	0.0431	-0.586
307	SLD 9	-0.69	1.61	36.75	5.6196	0.0414	0.2457
307	SLD 10	-0.45	1.83	36.97	5.6444	0.0413	0.1613
307	SLD 11	-0.98	-1.76	34.53	5.0718	0.037	0.3442
307	SLD 12	-0.74	-1.54	34.76	5.0966	0.037	0.2598
307	SLD 13	-3.67	0.19	39.47	5.6711	0.0328	1.2888
307	SLD 14	-3.3	0.52	39.81	5.7088	0.0327	1.1606
307	SLD 15	-3.76	-0.82	38.81	5.5067	0.0315	1.3183
307	SLD 16	-3.39	-0.49	39.15	5.5444	0.0314	1.1901
307	SLV 1	9.57	1.49	22.69	4.5628	0.0676	-3.3519
307	SLV 2	10.43	2.27	23.47	4.6505	0.0675	-3.6504
307	SLV 3	9.37	-0.8	21.18	4.1818	0.0646	-3.2845
307	SLV 4	10.23	-0.02	21.96	4.2695	0.0645	-3.583
307	SLV 5	3.36	3.86	32.92	5.6072	0.0544	-1.175
307	SLV 6	3.92	4.37	33.42	5.664	0.0543	-1.3682
307	SLV 7	2.71	-3.77	27.89	4.3373	0.0445	-0.9504
307	SLV 8	3.27	-3.27	28.39	4.394	0.0444	-1.1436
307	SLV 9	-2.28	3.49	40.06	6.1082	0.0401	0.8034
307	SLV 10	-1.73	4	40.56	6.1649	0.04	0.6102
307	SLV 11	-2.93	-4.14	35.03	4.8382	0.0302	1.028
307	SLV 12	-2.38	-3.64	35.54	4.895	0.0301	0.8348



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
307	SLV 13	-9.25	0.25	46.49	6.2327	0.02	3.2428
307	SLV 14	-8.39	1.03	47.27	6.3204	0.0198	2.9443
307	SLV 15	-9.44	-2.04	44.98	5.8517	0.017	3.3102
307	SLV 16	-8.59	-1.26	45.76	5.9394	0.0169	3.0117
307	CRTFP Ux+	0	0	0	0	0	0
307	CRTFP Ux-	0	0	0	0	0	0
307	CRTFP Uy+	0	0	0	0	0	0
307	CRTFP Uy-	0	0	0	0	0	0
308	SLU 1	0.47	0.13	31.26	4.1814	0.0229	-0.1623
308	SLU 2	0.45	0.11	31.1	4.2626	0.023	-0.155
308	SLU 3	0.48	0.13	31.99	4.2634	0.0234	-0.1672
308	SLU 4	0.47	0.12	31.89	4.3122	0.0235	-0.1629
308	SLU 5	0.45	0.11	31.56	4.3148	0.0233	-0.1574
308	SLU 6	0.49	0.12	32.45	4.3157	0.0238	-0.1696
308	SLU 7	0.48	0.11	32.36	4.3644	0.0238	-0.1652
308	SLU 8	0.48	0.12	32.18	4.2858	0.0236	-0.167
308	SLU 9	0.47	0.11	32.09	4.3345	0.0236	-0.1626
308	SLU 10	0.47	0.17	34.57	4.6476	0.0263	-0.1618
308	SLU 11	0.5	0.19	35.46	4.6484	0.0268	-0.1741
308	SLU 12	0.49	0.18	35.37	4.6972	0.0268	-0.1697
308	SLU 13	0.47	0.17	35.04	4.6998	0.0267	-0.1642
308	SLU 14	0.51	0.19	35.92	4.7006	0.0271	-0.1764
308	SLU 15	0.5	0.18	35.83	4.7494	0.0272	-0.1721
308	SLU 16	0.5	0.18	35.66	4.6708	0.0269	-0.1738
308	SLU 17	0.49	0.17	35.56	4.7195	0.027	-0.1695
308	SLU 18	0.5	0.22	36.22	4.7314	0.0277	-0.172
308	SLU 19	0.48	0.21	36.13	4.7801	0.0277	-0.1676
308	SLU 20	0.5	0.21	36.68	4.7836	0.028	-0.1744
308	SLU 21	0.49	0.2	36.59	4.8323	0.0281	-0.17
308	SLU 22	0.54	0.2	34.63	4.5593	0.0257	-0.1863
308	SLU 23	0.52	0.18	34.47	4.6405	0.0258	-0.179
308	SLU 24	0.55	0.2	35.36	4.6414	0.0263	-0.1913
308	SLU 25	0.54	0.19	35.26	4.6901	0.0263	-0.1869
308	SLU 26	0.52	0.18	34.93	4.6927	0.0262	-0.1814
308	SLU 27	0.56	0.19	35.82	4.6936	0.0266	-0.1936
308	SLU 28	0.55	0.18	35.72	4.7423	0.0267	-0.1892
308	SLU 29	0.55	0.19	35.55	4.6637	0.0264	-0.191
308	SLU 30	0.54	0.18	35.46	4.7125	0.0265	-0.1867
308	SLU 31	0.54	0.24	37.94	5.0255	0.0292	-0.1858
308	SLU 32	0.57	0.26	38.83	5.0263	0.0296	-0.1981
308	SLU 33	0.56	0.25	38.73	5.0751	0.0297	-0.1937
308	SLU 34	0.54	0.24	38.4	5.0777	0.0295	-0.1882
308	SLU 35	0.58	0.26	39.29	5.0786	0.03	-0.2004
308	SLU 36	0.57	0.24	39.2	5.1273	0.03	-0.1961
308	SLU 37	0.57	0.25	39.02	5.0487	0.0298	-0.1979
308	SLU 38	0.56	0.24	38.93	5.0974	0.0299	-0.1935
308	SLU 39	0.57	0.29	39.59	5.1093	0.0305	-0.196
308	SLU 40	0.55	0.28	39.49	5.158	0.0306	-0.1917
308	SLU 41	0.57	0.28	40.05	5.1615	0.0309	-0.1984
308	SLU 42	0.56	0.27	39.96	5.2102	0.0309	-0.194
308	SLU 43	0.59	0.14	39.49	5.3063	0.0287	-0.2027
308	SLU 44	0.56	0.13	39.33	5.3875	0.0288	-0.1954
308	SLU 45	0.6	0.14	40.22	5.3883	0.0293	-0.2077
308	SLU 46	0.59	0.13	40.12	5.437	0.0294	-0.2033
308	SLU 47	0.57	0.12	39.79	5.4397	0.0292	-0.1978
308	SLU 48	0.61	0.14	40.68	5.4405	0.0296	-0.2101
308	SLU 49	0.59	0.13	40.58	5.4892	0.0297	-0.2057
308	SLU 50	0.6	0.14	40.41	5.4107	0.0294	-0.2075
308	SLU 51	0.59	0.13	40.31	5.4594	0.0295	-0.2031
308	SLU 52	0.58	0.19	42.8	5.7725	0.0322	-0.2023
308	SLU 53	0.62	0.21	43.69	5.7733	0.0326	-0.2145
308	SLU 54	0.61	0.19	43.59	5.822	0.0327	-0.2101
308	SLU 55	0.59	0.18	43.26	5.8247	0.0326	-0.2046
308	SLU 56	0.63	0.2	44.15	5.8255	0.033	-0.2169
308	SLU 57	0.61	0.19	44.05	5.8742	0.0331	-0.2125
308	SLU 58	0.62	0.2	43.88	5.7957	0.0328	-0.2143
308	SLU 59	0.61	0.19	43.78	5.8444	0.0329	-0.2099
308	SLU 60	0.61	0.23	44.45	5.8562	0.0335	-0.2125
308	SLU 61	0.6	0.22	44.35	5.905	0.0336	-0.2081
308	SLU 62	0.62	0.23	44.91	5.9084	0.0339	-0.2148
308	SLU 63	0.61	0.22	44.81	5.9572	0.034	-0.2105
308	SLU 64	0.65	0.21	42.85	5.6842	0.0316	-0.2267
308	SLU 65	0.63	0.2	42.69	5.7654	0.0317	-0.2194
308	SLU 66	0.67	0.21	43.58	5.7662	0.0321	-0.2317
308	SLU 67	0.66	0.2	43.49	5.8149	0.0322	-0.2273
308	SLU 68	0.64	0.19	43.15	5.8176	0.0321	-0.2218
308	SLU 69	0.68	0.21	44.04	5.8184	0.0325	-0.2341
308	SLU 70	0.66	0.2	43.95	5.8671	0.0326	-0.2297
308	SLU 71	0.67	0.21	43.78	5.7886	0.0323	-0.2315
308	SLU 72	0.66	0.19	43.68	5.8373	0.0324	-0.2271
308	SLU 73	0.65	0.26	46.17	6.1504	0.0351	-0.2263
308	SLU 74	0.69	0.27	47.06	6.1512	0.0355	-0.2385
308	SLU 75	0.68	0.26	46.96	6.1999	0.0356	-0.2341
308	SLU 76	0.66	0.25	46.63	6.2026	0.0354	-0.2286
308	SLU 77	0.7	0.27	47.52	6.2034	0.0359	-0.2409
308	SLU 78	0.68	0.26	47.42	6.2521	0.0359	-0.2365
308	SLU 79	0.69	0.27	47.25	6.1736	0.0357	-0.2383
308	SLU 80	0.68	0.26	47.15	6.2223	0.0357	-0.2339
308	SLU 81	0.68	0.3	47.82	6.2341	0.0364	-0.2365



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
308	SLU 82	0.67	0.29	47.72	6.2829	0.0365	-0.2321
308	SLU 83	0.69	0.3	48.28	6.2864	0.0367	-0.2389
308	SLU 84	0.68	0.29	48.18	6.3351	0.0368	-0.2345
308	SLE RA 1	0.49	0.15	32.23	4.2894	0.0237	-0.1691
308	SLE RA 2	0.47	0.14	32.12	4.3435	0.0237	-0.1643
308	SLE RA 3	0.5	0.15	32.71	4.3441	0.024	-0.1725
308	SLE RA 4	0.49	0.14	32.65	4.3766	0.0241	-0.1695
308	SLE RA 5	0.48	0.13	32.43	4.3783	0.024	-0.1659
308	SLE RA 6	0.5	0.15	33.02	4.3789	0.0243	-0.174
308	SLE RA 7	0.49	0.14	32.95	4.4114	0.0243	-0.1711
308	SLE RA 8	0.5	0.14	32.84	4.359	0.0241	-0.1723
308	SLE RA 9	0.49	0.14	32.78	4.3915	0.0242	-0.1694
308	SLE RA 10	0.49	0.18	34.43	4.6002	0.026	-0.1688
308	SLE RA 11	0.51	0.19	35.03	4.6007	0.0263	-0.177
308	SLE RA 12	0.5	0.18	34.96	4.6332	0.0263	-0.1741
308	SLE RA 13	0.49	0.18	34.74	4.635	0.0262	-0.1704
308	SLE RA 14	0.52	0.19	35.33	4.6355	0.0265	-0.1786
308	SLE RA 15	0.51	0.18	35.27	4.668	0.0266	-0.1757
308	SLE RA 16	0.51	0.18	35.15	4.6156	0.0264	-0.1768
308	SLE RA 17	0.5	0.18	35.09	4.6481	0.0264	-0.1739
308	SLE RA 18	0.51	0.21	35.53	4.656	0.0269	-0.1756
308	SLE RA 19	0.5	0.2	35.47	4.6885	0.0269	-0.1727
308	SLE RA 20	0.51	0.2	35.84	4.6908	0.0271	-0.1772
308	SLE RA 21	0.5	0.2	35.78	4.7233	0.0272	-0.1743
308	SLE FR 1	0.49	0.15	32.23	4.2894	0.0237	-0.1691
308	SLE FR 2	0.49	0.15	32.2	4.3002	0.0237	-0.1682
308	SLE FR 3	0.49	0.15	32.35	4.3033	0.0238	-0.1698
308	SLE FR 4	0.49	0.16	33.2	4.4102	0.0246	-0.1701
308	SLE FR 5	0.5	0.17	33.34	4.4133	0.0247	-0.1717
308	SLE FR 6	0.5	0.18	33.88	4.4727	0.0253	-0.1724
308	SLE QP 1	0.49	0.15	32.23	4.2894	0.0237	-0.1691
308	SLE QP 2	0.49	0.17	33.22	4.3994	0.0246	-0.1711
308	SLD 1	4.37	0.72	27.93	4.1214	0.0386	-1.5293
308	SLD 2	4.74	1.07	28.27	4.1532	0.0383	-1.6574
308	SLD 3	4.28	-0.32	27.29	3.9601	0.0379	-1.4998
308	SLD 4	4.65	0.04	27.63	3.9919	0.0397	-1.6279
308	SLD 5	1.72	1.83	32.54	4.5549	0.0299	-0.6003
308	SLD 6	1.96	2.06	32.77	4.5759	0.0297	-0.6846
308	SLD 7	1.43	-1.6	30.41	4.0173	0.0276	-0.5021
308	SLD 8	1.68	-1.37	30.63	4.0382	0.0274	-0.5864
308	SLD 9	-0.69	1.7	35.8	4.7606	0.0218	0.2442
308	SLD 10	-0.45	1.94	36.03	4.7815	0.0216	0.1599
308	SLD 11	-0.98	-1.73	33.67	4.2229	0.0195	0.3425
308	SLD 12	-0.73	-1.5	33.89	4.2438	0.0193	0.2581
308	SLD 13	-3.66	0.29	38.81	4.8068	0.0116	1.2858
308	SLD 14	-3.3	0.65	39.15	4.8386	0.0113	1.1576
308	SLD 15	-3.75	-0.74	38.16	4.6455	0.0109	1.3152
308	SLD 16	-3.38	-0.38	38.5	4.6773	0.0106	1.1871
308	SLV 1	9.56	1.42	20.82	3.748	0.0574	-3.3481
308	SLV 2	10.42	2.24	21.61	3.822	0.0567	-3.6465
308	SLV 3	9.36	-0.92	19.36	3.3721	0.0558	-3.2809
308	SLV 4	10.22	-0.09	20.16	3.4461	0.0551	-3.5793
308	SLV 5	3.36	3.94	31.57	4.7611	0.037	-1.1743
308	SLV 6	3.92	4.48	32.08	4.809	0.0365	-1.3674
308	SLV 7	2.71	-3.85	26.71	3.5084	0.0317	-0.9504
308	SLV 8	3.26	-3.31	27.23	3.5563	0.0313	-1.1434
308	SLV 9	-2.27	3.65	39.21	5.2425	0.018	0.8012
308	SLV 10	-1.72	4.18	39.72	5.2904	0.0176	0.6082
308	SLV 11	-2.93	-4.15	34.35	3.9898	0.0127	1.0252
308	SLV 12	-2.38	-3.61	34.86	4.0377	0.0123	0.8322
308	SLV 13	-9.23	0.43	46.28	5.3526	-0.0059	3.2371
308	SLV 14	-8.37	1.25	47.07	5.4266	-0.0065	2.9388
308	SLV 15	-9.43	-1.91	44.82	4.9768	-0.0075	3.3043
308	SLV 16	-8.57	-1.08	45.61	5.0508	-0.0081	3.006
308	CRTFP Ux+	0	0	0	0	0	0
308	CRTFP Ux-	0	0	0	0	0	0
308	CRTFP Uy+	0	0	0	0	0	0
308	CRTFP Uy-	0	0	0	0	0	0
309	SLU 1	0.47	0.18	30.85	3.7713	0.0045	-0.163
309	SLU 2	0.45	0.16	30.68	3.8497	0.0046	-0.1566
309	SLU 3	0.48	0.18	31.57	3.843	0.0046	-0.168
309	SLU 4	0.47	0.17	31.47	3.89	0.0047	-0.1642
309	SLU 5	0.46	0.16	31.14	3.8952	0.0047	-0.159
309	SLU 6	0.49	0.17	32.02	3.8885	0.0047	-0.1704
309	SLU 7	0.48	0.17	31.92	3.9355	0.0047	-0.1666
309	SLU 8	0.48	0.17	31.76	3.8623	0.0047	-0.1678
309	SLU 9	0.47	0.16	31.66	3.9094	0.0047	-0.164
309	SLU 10	0.47	0.23	34.09	4.1802	0.0057	-0.1632
309	SLU 11	0.5	0.25	34.97	4.1734	0.0057	-0.1747
309	SLU 12	0.49	0.24	34.87	4.2205	0.0058	-0.1708
309	SLU 13	0.48	0.23	34.54	4.2257	0.0058	-0.1657
309	SLU 14	0.51	0.24	35.43	4.2189	0.0058	-0.1771
309	SLU 15	0.5	0.23	35.33	4.266	0.0058	-0.1732
309	SLU 16	0.5	0.24	35.16	4.1928	0.0057	-0.1745
309	SLU 17	0.49	0.23	35.06	4.2399	0.0058	-0.1706
309	SLU 18	0.5	0.27	35.71	4.2435	0.0061	-0.1725
309	SLU 19	0.49	0.27	35.61	4.2905	0.0061	-0.1687
309	SLU 20	0.51	0.27	36.17	4.289	0.0061	-0.1749
309	SLU 21	0.49	0.26	36.07	4.336	0.0062	-0.1711



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
309	SLU 22	0.54	0.25	34.16	4.0982	0.0052	-0.1869
309	SLU 23	0.52	0.24	34	4.1766	0.0053	-0.1805
309	SLU 24	0.55	0.25	34.88	4.1698	0.0053	-0.1919
309	SLU 25	0.54	0.24	34.78	4.2168	0.0053	-0.1881
309	SLU 26	0.53	0.23	34.45	4.2221	0.0053	-0.1829
309	SLU 27	0.56	0.24	35.34	4.2153	0.0053	-0.1943
309	SLU 28	0.55	0.24	35.24	4.2623	0.0054	-0.1905
309	SLU 29	0.55	0.24	35.07	4.1892	0.0053	-0.1917
309	SLU 30	0.54	0.23	34.97	4.2362	0.0054	-0.1879
309	SLU 31	0.54	0.31	37.4	4.5071	0.0064	-0.1872
309	SLU 32	0.57	0.32	38.29	4.5003	0.0064	-0.1986
309	SLU 33	0.56	0.31	38.19	4.5473	0.0064	-0.1947
309	SLU 34	0.55	0.3	37.86	4.5526	0.0064	-0.1896
309	SLU 35	0.58	0.31	38.74	4.5458	0.0064	-0.201
309	SLU 36	0.57	0.31	38.64	4.5928	0.0065	-0.1972
309	SLU 37	0.57	0.31	38.48	4.5197	0.0064	-0.1984
309	SLU 38	0.56	0.3	38.38	4.5667	0.0064	-0.1945
309	SLU 39	0.57	0.35	39.03	4.5703	0.0067	-0.1964
309	SLU 40	0.56	0.34	38.93	4.6173	0.0068	-0.1926
309	SLU 41	0.57	0.34	39.48	4.6158	0.0068	-0.1988
309	SLU 42	0.56	0.34	39.38	4.6628	0.0069	-0.195
309	SLU 43	0.59	0.2	38.97	4.7907	0.0057	-0.2037
309	SLU 44	0.57	0.19	38.8	4.8691	0.0058	-0.1973
309	SLU 45	0.6	0.2	39.69	4.8623	0.0058	-0.2087
309	SLU 46	0.59	0.2	39.59	4.9093	0.0058	-0.2049
309	SLU 47	0.58	0.19	39.26	4.9146	0.0058	-0.1997
309	SLU 48	0.61	0.2	40.14	4.9078	0.0058	-0.2111
309	SLU 49	0.6	0.19	40.04	4.9548	0.0059	-0.2073
309	SLU 50	0.6	0.2	39.88	4.8817	0.0058	-0.2085
309	SLU 51	0.59	0.19	39.78	4.9287	0.0059	-0.2047
309	SLU 52	0.59	0.26	42.21	5.1996	0.0069	-0.2039
309	SLU 53	0.62	0.27	43.09	5.1928	0.0068	-0.2154
309	SLU 54	0.61	0.27	42.99	5.2398	0.0069	-0.2115
309	SLU 55	0.6	0.26	42.66	5.2451	0.0069	-0.2064
309	SLU 56	0.63	0.27	43.54	5.2383	0.0069	-0.2178
309	SLU 57	0.62	0.26	43.45	5.2853	0.007	-0.2139
309	SLU 58	0.62	0.27	43.28	5.2122	0.0069	-0.2152
309	SLU 59	0.61	0.26	43.18	5.2592	0.0069	-0.2113
309	SLU 60	0.62	0.3	43.83	5.2628	0.0072	-0.2132
309	SLU 61	0.61	0.3	43.73	5.3098	0.0073	-0.2093
309	SLU 62	0.62	0.3	44.29	5.3083	0.0073	-0.2156
309	SLU 63	0.61	0.29	44.19	5.3553	0.0073	-0.2118
309	SLU 64	0.66	0.28	42.28	5.1175	0.0063	-0.2276
309	SLU 65	0.64	0.26	42.12	5.1959	0.0064	-0.2212
309	SLU 66	0.67	0.28	43	5.1891	0.0064	-0.2326
309	SLU 67	0.66	0.27	42.9	5.2362	0.0065	-0.2288
309	SLU 68	0.65	0.26	42.57	5.2414	0.0065	-0.2236
309	SLU 69	0.68	0.27	43.45	5.2346	0.0065	-0.235
309	SLU 70	0.67	0.27	43.36	5.2817	0.0065	-0.2312
309	SLU 71	0.67	0.27	43.19	5.2085	0.0064	-0.2324
309	SLU 72	0.66	0.26	43.09	5.2556	0.0065	-0.2286
309	SLU 73	0.66	0.33	45.52	5.5264	0.0075	-0.2279
309	SLU 74	0.69	0.35	46.4	5.5196	0.0075	-0.2393
309	SLU 75	0.68	0.34	46.31	5.5667	0.0075	-0.2354
309	SLU 76	0.67	0.33	45.98	5.5719	0.0076	-0.2303
309	SLU 77	0.7	0.34	46.86	5.5651	0.0075	-0.2417
309	SLU 78	0.69	0.33	46.76	5.6122	0.0076	-0.2379
309	SLU 79	0.69	0.34	46.59	5.539	0.0075	-0.2391
309	SLU 80	0.68	0.33	46.5	5.586	0.0076	-0.2352
309	SLU 81	0.68	0.38	47.15	5.5896	0.0079	-0.2371
309	SLU 82	0.67	0.37	47.05	5.6367	0.0079	-0.2333
309	SLU 83	0.69	0.37	47.6	5.6351	0.0079	-0.2395
309	SLU 84	0.68	0.36	47.5	5.6822	0.008	-0.2357
309	SLE RA 1	0.49	0.2	31.79	3.8647	0.0047	-0.1698
309	SLE RA 2	0.48	0.19	31.69	3.917	0.0048	-0.1656
309	SLE RA 3	0.5	0.2	32.27	3.9125	0.0048	-0.1732
309	SLE RA 4	0.49	0.19	32.21	3.9438	0.0048	-0.1706
309	SLE RA 5	0.48	0.19	31.99	3.9473	0.0048	-0.1672
309	SLE RA 6	0.5	0.19	32.58	3.9428	0.0048	-0.1748
309	SLE RA 7	0.5	0.19	32.51	3.9742	0.0049	-0.1722
309	SLE RA 8	0.5	0.19	32.4	3.9254	0.0048	-0.173
309	SLE RA 9	0.49	0.19	32.34	3.9568	0.0048	-0.1705
309	SLE RA 10	0.49	0.23	33.96	4.1373	0.0055	-0.17
309	SLE RA 11	0.51	0.24	34.54	4.1328	0.0055	-0.1776
309	SLE RA 12	0.51	0.24	34.48	4.1641	0.0055	-0.1751
309	SLE RA 13	0.5	0.23	34.26	4.1676	0.0056	-0.1716
309	SLE RA 14	0.52	0.24	34.85	4.1631	0.0055	-0.1792
309	SLE RA 15	0.51	0.24	34.78	4.1945	0.0056	-0.1767
309	SLE RA 16	0.51	0.24	34.67	4.1457	0.0055	-0.1775
309	SLE RA 17	0.51	0.23	34.61	4.1771	0.0056	-0.1749
309	SLE RA 18	0.51	0.26	35.04	4.1795	0.0058	-0.1762
309	SLE RA 19	0.5	0.26	34.97	4.2108	0.0058	-0.1736
309	SLE RA 20	0.51	0.26	35.34	4.2098	0.0058	-0.1778
309	SLE RA 21	0.51	0.26	35.28	4.2412	0.0058	-0.1752
309	SLE FR 1	0.49	0.2	31.79	3.8647	0.0047	-0.1698
309	SLE FR 2	0.49	0.2	31.77	3.8752	0.0047	-0.169
309	SLE FR 3	0.49	0.2	31.92	3.8769	0.0047	-0.1705
309	SLE FR 4	0.49	0.22	32.75	3.9696	0.0051	-0.1709
309	SLE FR 5	0.5	0.22	32.89	3.9713	0.0051	-0.1724



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
309	SLE FR 6	0.5	0.23	33.42	4.0221	0.0052	-0.173
309	SLE QP 1	0.49	0.2	31.79	3.8647	0.0047	-0.1698
309	SLE QP 2	0.5	0.22	32.77	3.9592	0.005	-0.1717
309	SLD 1	4.36	0.72	27.01	3.6152	0.0228	-1.5276
309	SLD 2	4.73	1.11	27.36	3.6451	0.0222	-1.6556
309	SLD 3	4.28	-0.34	26.37	3.4572	0.023	-1.4982
309	SLD 4	4.65	0.04	26.73	3.4872	0.0224	-1.6261
309	SLD 5	1.72	1.92	31.94	4.0902	0.0101	-0.6002
309	SLD 6	1.97	2.17	32.17	4.1099	0.0098	-0.6845
309	SLD 7	1.43	-1.63	29.82	3.5636	0.0108	-0.5021
309	SLD 8	1.67	-1.38	30.06	3.5833	0.0105	-0.5864
309	SLD 9	-0.68	1.82	35.48	4.335	-0.0004	0.2429
309	SLD 10	-0.44	2.07	35.71	4.3547	-0.0008	0.1586
309	SLD 11	-0.97	-1.73	33.36	3.8084	0.0003	0.341
309	SLD 12	-0.73	-1.48	33.6	3.8281	-0.0001	0.2567
309	SLD 13	-3.65	0.39	38.81	4.4311	-0.0124	1.2827
309	SLD 14	-3.29	0.77	39.16	4.4611	-0.0129	1.1547
309	SLD 15	-3.74	-0.67	38.18	4.2732	-0.0122	1.3121
309	SLD 16	-3.37	-0.29	38.53	4.3031	-0.0127	1.1841
309	SLV 1	9.55	1.37	19.27	3.1535	0.0466	-3.3433
309	SLV 2	10.4	2.26	20.09	3.2233	0.0453	-3.6413
309	SLV 3	9.35	-1.05	17.82	2.7846	0.0471	-3.2762
309	SLV 4	10.2	-0.16	18.64	2.8544	0.0458	-3.5742
309	SLV 5	3.36	4.07	30.76	4.2648	0.0169	-1.1732
309	SLV 6	3.92	4.65	31.3	4.31	0.0161	-1.366
309	SLV 7	2.7	-3.98	25.95	3.0352	0.0186	-0.9496
309	SLV 8	3.25	-3.41	26.48	3.0804	0.0178	-1.1424
309	SLV 9	-2.26	3.84	39.05	4.8379	-0.0077	0.799
309	SLV 10	-1.71	4.41	39.58	4.8831	-0.0086	0.6062
309	SLV 11	-2.93	-4.21	34.24	3.6083	-0.0061	1.0226
309	SLV 12	-2.37	-3.64	34.77	3.6535	-0.0069	0.8298
309	SLV 13	-9.21	0.59	46.89	5.0639	-0.0357	3.2307
309	SLV 14	-8.36	1.48	47.71	5.1337	-0.037	2.9327
309	SLV 15	-9.41	-1.82	45.45	4.695	-0.0352	3.2978
309	SLV 16	-8.56	-0.94	46.27	4.7648	-0.0365	2.9998
309	CRTFP Ux+	0	0	0	0	0	0
309	CRTFP Ux-	0	0	0	0	0	0
309	CRTFP Uy+	0	0	0	0	0	0
309	CRTFP Uy-	0	0	0	0	0	0
310	SLU 1	0.47	0.22	31.01	3.7795	-0.0154	-0.1633
310	SLU 2	0.46	0.22	30.84	3.8497	-0.0153	-0.1578
310	SLU 3	0.49	0.22	31.73	3.8514	-0.0159	-0.1684
310	SLU 4	0.48	0.22	31.63	3.8935	-0.0158	-0.1651
310	SLU 5	0.46	0.22	31.3	3.8952	-0.0156	-0.1602
310	SLU 6	0.49	0.22	32.19	3.8969	-0.0161	-0.1708
310	SLU 7	0.48	0.22	32.09	3.9391	-0.0161	-0.1675
310	SLU 8	0.49	0.22	31.92	3.8706	-0.016	-0.1682
310	SLU 9	0.48	0.22	31.82	3.9127	-0.0159	-0.1649
310	SLU 10	0.48	0.3	34.25	4.1775	-0.0167	-0.1643
310	SLU 11	0.5	0.3	35.14	4.1792	-0.0172	-0.1748
310	SLU 12	0.5	0.3	35.04	4.2213	-0.0172	-0.1715
310	SLU 13	0.48	0.3	34.71	4.223	-0.017	-0.1667
310	SLU 14	0.51	0.3	35.6	4.2247	-0.0175	-0.1773
310	SLU 15	0.5	0.3	35.5	4.2669	-0.0175	-0.174
310	SLU 16	0.5	0.29	35.33	4.1984	-0.0173	-0.1747
310	SLU 17	0.5	0.29	35.23	4.2405	-0.0173	-0.1713
310	SLU 18	0.5	0.33	35.88	4.2477	-0.0174	-0.1726
310	SLU 19	0.49	0.33	35.78	4.2899	-0.0173	-0.1693
310	SLU 20	0.51	0.33	36.34	4.2933	-0.0177	-0.175
310	SLU 21	0.5	0.33	36.23	4.3354	-0.0176	-0.1717
310	SLU 22	0.54	0.3	34.34	4.1055	-0.0172	-0.1871
310	SLU 23	0.53	0.3	34.17	4.1757	-0.0171	-0.1816
310	SLU 24	0.55	0.3	35.06	4.1774	-0.0176	-0.1922
310	SLU 25	0.55	0.3	34.96	4.2196	-0.0176	-0.1889
310	SLU 26	0.53	0.29	34.63	4.2213	-0.0173	-0.184
310	SLU 27	0.56	0.3	35.52	4.223	-0.0179	-0.1946
310	SLU 28	0.55	0.3	35.42	4.2651	-0.0178	-0.1913
310	SLU 29	0.55	0.29	35.25	4.1966	-0.0177	-0.192
310	SLU 30	0.54	0.29	35.15	4.2387	-0.0177	-0.1887
310	SLU 31	0.54	0.38	37.58	4.5035	-0.0185	-0.1881
310	SLU 32	0.57	0.38	38.47	4.5052	-0.019	-0.1987
310	SLU 33	0.56	0.38	38.37	4.5473	-0.0189	-0.1953
310	SLU 34	0.55	0.37	38.04	4.5491	-0.0187	-0.1905
310	SLU 35	0.58	0.37	38.93	4.5508	-0.0193	-0.2011
310	SLU 36	0.57	0.37	38.83	4.5929	-0.0192	-0.1978
310	SLU 37	0.57	0.37	38.66	4.5244	-0.0191	-0.1985
310	SLU 38	0.56	0.37	38.56	4.5665	-0.019	-0.1952
310	SLU 39	0.57	0.41	39.21	4.5738	-0.0192	-0.1964
310	SLU 40	0.56	0.41	39.11	4.6159	-0.0191	-0.1931
310	SLU 41	0.57	0.41	39.67	4.6193	-0.0194	-0.1988
310	SLU 42	0.57	0.41	39.57	4.6615	-0.0194	-0.1955
310	SLU 43	0.59	0.26	39.17	4.8015	-0.0194	-0.2041
310	SLU 44	0.57	0.26	39	4.8717	-0.0193	-0.1986
310	SLU 45	0.6	0.26	39.89	4.8734	-0.0199	-0.2092
310	SLU 46	0.59	0.26	39.79	4.9156	-0.0198	-0.2059
310	SLU 47	0.58	0.26	39.46	4.9173	-0.0196	-0.2011
310	SLU 48	0.61	0.26	40.35	4.919	-0.0202	-0.2116
310	SLU 49	0.6	0.26	40.25	4.9611	-0.0201	-0.2083
310	SLU 50	0.6	0.26	40.08	4.8926	-0.02	-0.209



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
310	SLU 51	0.59	0.26	39.98	4.9348	-0.0199	-0.2057
310	SLU 52	0.59	0.34	42.41	5.1995	-0.0207	-0.2051
310	SLU 53	0.62	0.34	43.3	5.2012	-0.0213	-0.2157
310	SLU 54	0.61	0.34	43.2	5.2434	-0.0212	-0.2124
310	SLU 55	0.6	0.34	42.87	5.2451	-0.021	-0.2075
310	SLU 56	0.63	0.34	43.76	5.2468	-0.0215	-0.2181
310	SLU 57	0.62	0.34	43.66	5.2889	-0.0215	-0.2148
310	SLU 58	0.62	0.33	43.49	5.2204	-0.0214	-0.2155
310	SLU 59	0.61	0.33	43.39	5.2626	-0.0213	-0.2122
310	SLU 60	0.62	0.37	44.04	5.2698	-0.0214	-0.2134
310	SLU 61	0.61	0.37	43.94	5.3119	-0.0214	-0.2101
310	SLU 62	0.62	0.37	44.5	5.3153	-0.0217	-0.2158
310	SLU 63	0.61	0.37	44.4	5.3575	-0.0216	-0.2125
310	SLU 64	0.66	0.34	42.5	5.1275	-0.0212	-0.228
310	SLU 65	0.64	0.34	42.33	5.1978	-0.0211	-0.2224
310	SLU 66	0.67	0.34	43.22	5.1995	-0.0216	-0.233
310	SLU 67	0.66	0.34	43.12	5.2416	-0.0216	-0.2297
310	SLU 68	0.65	0.34	42.79	5.2433	-0.0214	-0.2249
310	SLU 69	0.68	0.34	43.68	5.245	-0.0219	-0.2354
310	SLU 70	0.67	0.34	43.58	5.2872	-0.0219	-0.2321
310	SLU 71	0.67	0.33	43.41	5.2187	-0.0217	-0.2328
310	SLU 72	0.66	0.33	43.31	5.2608	-0.0217	-0.2295
310	SLU 73	0.66	0.42	45.74	5.5256	-0.0225	-0.2289
310	SLU 74	0.69	0.42	46.63	5.5273	-0.023	-0.2395
310	SLU 75	0.68	0.42	46.53	5.5694	-0.023	-0.2362
310	SLU 76	0.67	0.41	46.2	5.5711	-0.0227	-0.2313
310	SLU 77	0.7	0.41	47.09	5.5728	-0.0233	-0.2419
310	SLU 78	0.69	0.41	46.99	5.615	-0.0232	-0.2386
310	SLU 79	0.69	0.41	46.82	5.5464	-0.0231	-0.2393
310	SLU 80	0.68	0.41	46.72	5.5886	-0.0231	-0.236
310	SLU 81	0.69	0.45	47.37	5.5958	-0.0232	-0.2372
310	SLU 82	0.68	0.45	47.27	5.638	-0.0231	-0.2339
310	SLU 83	0.69	0.45	47.83	5.6414	-0.0234	-0.2396
310	SLU 84	0.68	0.45	47.73	5.6835	-0.0234	-0.2363
310	SLE RA 1	0.49	0.24	31.96	3.8726	-0.0159	-0.1701
310	SLE RA 2	0.48	0.24	31.85	3.9194	-0.0158	-0.1664
310	SLE RA 3	0.5	0.24	32.44	3.9206	-0.0162	-0.1735
310	SLE RA 4	0.49	0.24	32.37	3.9486	-0.0162	-0.1713
310	SLE RA 5	0.49	0.24	32.15	3.9498	-0.016	-0.1681
310	SLE RA 6	0.5	0.24	32.75	3.9509	-0.0164	-0.1751
310	SLE RA 7	0.5	0.24	32.68	3.979	-0.0164	-0.1729
310	SLE RA 8	0.5	0.24	32.57	3.9334	-0.0163	-0.1734
310	SLE RA 9	0.49	0.24	32.5	3.9614	-0.0162	-0.1712
310	SLE RA 10	0.49	0.3	34.12	4.138	-0.0168	-0.1708
310	SLE RA 11	0.51	0.3	34.71	4.1391	-0.0171	-0.1778
310	SLE RA 12	0.51	0.3	34.65	4.1672	-0.0171	-0.1756
310	SLE RA 13	0.5	0.29	34.43	4.1683	-0.017	-0.1724
310	SLE RA 14	0.52	0.29	35.02	4.1695	-0.0173	-0.1794
310	SLE RA 15	0.51	0.29	34.95	4.1975	-0.0173	-0.1772
310	SLE RA 16	0.51	0.29	34.84	4.1519	-0.0172	-0.1777
310	SLE RA 17	0.51	0.29	34.77	4.18	-0.0172	-0.1755
310	SLE RA 18	0.51	0.32	35.21	4.1848	-0.0172	-0.1763
310	SLE RA 19	0.5	0.32	35.14	4.2129	-0.0172	-0.1741
310	SLE RA 20	0.51	0.32	35.51	4.2152	-0.0174	-0.1779
310	SLE RA 21	0.51	0.32	35.44	4.2433	-0.0174	-0.1757
310	SLE FR 1	0.49	0.24	31.96	3.8726	-0.0159	-0.1701
310	SLE FR 2	0.49	0.24	31.94	3.882	-0.0159	-0.1694
310	SLE FR 3	0.49	0.24	32.08	3.8848	-0.016	-0.1708
310	SLE FR 4	0.49	0.27	32.91	3.9756	-0.0163	-0.1712
310	SLE FR 5	0.5	0.27	33.05	3.9784	-0.0164	-0.1726
310	SLE FR 6	0.5	0.28	33.58	4.0287	-0.0166	-0.1732
310	SLE QP 1	0.49	0.24	31.96	3.8726	-0.0159	-0.1701
310	SLE QP 2	0.5	0.27	32.93	3.9663	-0.0163	-0.172
310	SLD 1	4.36	0.75	26.57	3.4582	0.0061	-1.5252
310	SLD 2	4.73	1.17	26.94	3.4914	0.0053	-1.653
310	SLD 3	4.27	-0.36	25.92	3.3064	0.007	-1.4957
310	SLD 4	4.64	0.05	26.3	3.3396	0.0062	-1.6235
310	SLD 5	1.72	2.03	31.94	4.038	-0.0108	-0.5997
310	SLD 6	1.97	2.3	32.19	4.0599	-0.0113	-0.6839
310	SLD 7	1.43	-1.68	29.78	3.5322	-0.0078	-0.5015
310	SLD 8	1.67	-1.41	30.03	3.5541	-0.0084	-0.5856
310	SLD 9	-0.68	1.94	35.84	4.3785	-0.0242	0.2417
310	SLD 10	-0.44	2.22	36.08	4.4003	-0.0248	0.1575
310	SLD 11	-0.97	-1.77	33.68	3.8726	-0.0213	0.3399
310	SLD 12	-0.73	-1.49	33.93	3.8945	-0.0219	0.2558
310	SLD 13	-3.65	0.48	39.57	4.5929	-0.0388	1.2795
310	SLD 14	-3.28	0.89	39.94	4.6261	-0.0396	1.1518
310	SLD 15	-3.73	-0.63	38.92	4.4411	-0.0379	1.309
310	SLD 16	-3.37	-0.22	39.29	4.4744	-0.0387	1.1812
310	SLV 1	9.53	1.37	18.02	2.7764	0.0362	-3.3372
310	SLV 2	10.39	2.33	18.89	2.8538	0.0343	-3.6348
310	SLV 3	9.33	-1.16	16.55	2.4222	0.0382	-3.2701
310	SLV 4	10.19	-0.2	17.42	2.4996	0.0363	-3.5677
310	SLV 5	3.36	4.26	30.54	4.1331	-0.0033	-1.1718
310	SLV 6	3.92	4.88	31.1	4.1831	-0.0045	-1.3643
310	SLV 7	2.69	-4.16	25.63	2.9524	0.0035	-0.9479
310	SLV 8	3.25	-3.54	26.2	3.0025	0.0022	-1.1405
310	SLV 9	-2.25	4.07	39.67	4.9301	-0.0348	0.7965
310	SLV 10	-1.7	4.69	40.23	4.9801	-0.0361	0.604



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
310	SLV 11	-2.93	-4.35	34.76	3.7494	-0.0281	1.0204
310	SLV 12	-2.37	-3.73	35.32	3.7994	-0.0293	0.8278
310	SLV 13	-9.19	0.73	48.45	5.433	-0.0689	3.2237
310	SLV 14	-8.34	1.69	49.32	5.5103	-0.0709	2.9261
310	SLV 15	-9.4	-1.8	46.97	5.0788	-0.0669	3.2909
310	SLV 16	-8.54	-0.83	47.84	5.1561	-0.0688	2.9933
310	CRTFP Ux+	0	0	0	0	0	0
310	CRTFP Ux-	0	0	0	0	0	0
310	CRTFP Uy+	0	0	0	0	0	0
310	CRTFP Uy-	0	0	0	0	0	0
311	SLU 1	0.47	0.27	31.79	4.2442	-0.037	-0.1632
311	SLU 2	0.46	0.28	31.62	4.3013	-0.0369	-0.1585
311	SLU 3	0.49	0.27	32.54	4.3282	-0.038	-0.1683
311	SLU 4	0.48	0.28	32.43	4.3625	-0.0379	-0.1655
311	SLU 5	0.47	0.28	32.09	4.3543	-0.0375	-0.161
311	SLU 6	0.49	0.27	33.01	4.3813	-0.0387	-0.1707
311	SLU 7	0.49	0.28	32.9	4.4155	-0.0386	-0.1679
311	SLU 8	0.48	0.26	32.73	4.3503	-0.0383	-0.1681
311	SLU 9	0.48	0.27	32.63	4.3845	-0.0382	-0.1653
311	SLU 10	0.48	0.37	35.11	4.6826	-0.0409	-0.1648
311	SLU 11	0.5	0.36	36.03	4.7095	-0.0421	-0.1746
311	SLU 12	0.5	0.37	35.92	4.7438	-0.042	-0.1718
311	SLU 13	0.49	0.37	35.58	4.7356	-0.0415	-0.1673
311	SLU 14	0.51	0.35	36.5	4.7626	-0.0427	-0.177
311	SLU 15	0.5	0.36	36.39	4.7968	-0.0426	-0.1742
311	SLU 16	0.5	0.35	36.22	4.7316	-0.0423	-0.1744
311	SLU 17	0.5	0.36	36.12	4.7658	-0.0422	-0.1716
311	SLU 18	0.5	0.39	36.78	4.7889	-0.0428	-0.1722
311	SLU 19	0.49	0.4	36.67	4.8231	-0.0427	-0.1694
311	SLU 20	0.5	0.39	37.25	4.8419	-0.0434	-0.1747
311	SLU 21	0.5	0.4	37.14	4.8762	-0.0433	-0.1718
311	SLU 22	0.54	0.35	35.21	4.6244	-0.0414	-0.1869
311	SLU 23	0.53	0.37	35.04	4.6815	-0.0412	-0.1822
311	SLU 24	0.55	0.35	35.96	4.7084	-0.0424	-0.1919
311	SLU 25	0.55	0.36	35.85	4.7427	-0.0423	-0.1891
311	SLU 26	0.53	0.36	35.51	4.7345	-0.0419	-0.1846
311	SLU 27	0.56	0.35	36.43	4.7615	-0.043	-0.1944
311	SLU 28	0.55	0.36	36.33	4.7957	-0.0429	-0.1916
311	SLU 29	0.55	0.34	36.15	4.7305	-0.0426	-0.1918
311	SLU 30	0.55	0.35	36.05	4.7647	-0.0426	-0.1889
311	SLU 31	0.55	0.45	38.53	5.0628	-0.0453	-0.1885
311	SLU 32	0.57	0.44	39.45	5.0897	-0.0465	-0.1982
311	SLU 33	0.57	0.45	39.35	5.124	-0.0464	-0.1954
311	SLU 34	0.55	0.45	39	5.1158	-0.0459	-0.1909
311	SLU 35	0.58	0.43	39.92	5.1428	-0.0471	-0.2007
311	SLU 36	0.57	0.44	39.82	5.177	-0.047	-0.1979
311	SLU 37	0.57	0.43	39.64	5.1118	-0.0467	-0.1981
311	SLU 38	0.56	0.44	39.54	5.146	-0.0466	-0.1952
311	SLU 39	0.57	0.47	40.2	5.1691	-0.0472	-0.1959
311	SLU 40	0.56	0.48	40.09	5.2033	-0.0471	-0.193
311	SLU 41	0.57	0.47	40.67	5.2221	-0.0478	-0.1983
311	SLU 42	0.57	0.48	40.57	5.2564	-0.0477	-0.1955
311	SLU 43	0.59	0.32	40.15	5.3871	-0.0466	-0.2041
311	SLU 44	0.58	0.34	39.98	5.4442	-0.0465	-0.1994
311	SLU 45	0.6	0.32	40.9	5.4711	-0.0476	-0.2091
311	SLU 46	0.6	0.33	40.8	5.5054	-0.0475	-0.2063
311	SLU 47	0.58	0.33	40.45	5.4972	-0.0471	-0.2018
311	SLU 48	0.61	0.32	41.37	5.5242	-0.0483	-0.2116
311	SLU 49	0.6	0.33	41.27	5.5584	-0.0482	-0.2088
311	SLU 50	0.6	0.32	41.09	5.4932	-0.0479	-0.209
311	SLU 51	0.6	0.33	40.99	5.5274	-0.0478	-0.2061
311	SLU 52	0.6	0.42	43.47	5.8255	-0.0505	-0.2057
311	SLU 53	0.62	0.41	44.39	5.8524	-0.0517	-0.2154
311	SLU 54	0.62	0.42	44.29	5.8867	-0.0516	-0.2126
311	SLU 55	0.6	0.42	43.94	5.8785	-0.0512	-0.2081
311	SLU 56	0.63	0.41	44.86	5.9054	-0.0523	-0.2179
311	SLU 57	0.62	0.42	44.76	5.9397	-0.0522	-0.2151
311	SLU 58	0.62	0.4	44.58	5.8745	-0.0519	-0.2153
311	SLU 59	0.61	0.41	44.48	5.9087	-0.0518	-0.2124
311	SLU 60	0.62	0.44	45.14	5.9318	-0.0524	-0.2131
311	SLU 61	0.61	0.45	45.04	5.966	-0.0523	-0.2102
311	SLU 62	0.62	0.44	45.61	5.9848	-0.053	-0.2155
311	SLU 63	0.62	0.45	45.51	6.0191	-0.053	-0.2127
311	SLU 64	0.66	0.4	43.57	5.7673	-0.051	-0.2277
311	SLU 65	0.65	0.42	43.4	5.8244	-0.0508	-0.223
311	SLU 66	0.67	0.4	44.32	5.8513	-0.052	-0.2328
311	SLU 67	0.66	0.41	44.22	5.8856	-0.0519	-0.23
311	SLU 68	0.65	0.42	43.87	5.8774	-0.0515	-0.2255
311	SLU 69	0.68	0.4	44.79	5.9044	-0.0526	-0.2352
311	SLU 70	0.67	0.41	44.69	5.9386	-0.0525	-0.2324
311	SLU 71	0.67	0.4	44.52	5.8734	-0.0522	-0.2326
311	SLU 72	0.66	0.41	44.41	5.9076	-0.0522	-0.2298
311	SLU 73	0.66	0.51	46.89	6.2057	-0.0549	-0.2293
311	SLU 74	0.69	0.49	47.81	6.2326	-0.0561	-0.2391
311	SLU 75	0.68	0.5	47.71	6.2669	-0.056	-0.2363
311	SLU 76	0.67	0.5	47.37	6.2587	-0.0555	-0.2318
311	SLU 77	0.7	0.49	48.28	6.2856	-0.0567	-0.2415
311	SLU 78	0.69	0.5	48.18	6.3199	-0.0566	-0.2387
311	SLU 79	0.69	0.48	48.01	6.2547	-0.0563	-0.2389



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
311	SLU 80	0.68	0.49	47.9	6.2889	-0.0562	-0.2361
311	SLU 81	0.68	0.53	48.56	6.312	-0.0568	-0.2367
311	SLU 82	0.68	0.54	48.46	6.3462	-0.0567	-0.2339
311	SLU 83	0.69	0.52	49.03	6.365	-0.0574	-0.2392
311	SLU 84	0.68	0.53	48.93	6.3993	-0.0573	-0.2363
311	SLE RA 1	0.49	0.29	32.77	4.3528	-0.0383	-0.17
311	SLE RA 2	0.48	0.3	32.65	4.3909	-0.0382	-0.1668
311	SLE RA 3	0.5	0.29	33.26	4.4088	-0.0389	-0.1733
311	SLE RA 4	0.5	0.3	33.2	4.4317	-0.0389	-0.1715
311	SLE RA 5	0.49	0.3	32.97	4.4262	-0.0386	-0.1685
311	SLE RA 6	0.5	0.29	33.58	4.4442	-0.0394	-0.175
311	SLE RA 7	0.5	0.3	33.51	4.467	-0.0393	-0.1731
311	SLE RA 8	0.5	0.29	33.39	4.4235	-0.0391	-0.1732
311	SLE RA 9	0.49	0.29	33.33	4.4464	-0.039	-0.1714
311	SLE RA 10	0.5	0.36	34.98	4.6451	-0.0409	-0.171
311	SLE RA 11	0.51	0.35	35.59	4.663	-0.0416	-0.1775
311	SLE RA 12	0.51	0.36	35.52	4.6859	-0.0416	-0.1757
311	SLE RA 13	0.5	0.36	35.29	4.6804	-0.0413	-0.1727
311	SLE RA 14	0.52	0.35	35.91	4.6984	-0.0421	-0.1792
311	SLE RA 15	0.51	0.35	35.84	4.7212	-0.042	-0.1773
311	SLE RA 16	0.51	0.35	35.72	4.6777	-0.0418	-0.1774
311	SLE RA 17	0.51	0.35	35.65	4.7006	-0.0417	-0.1756
311	SLE RA 18	0.51	0.37	36.09	4.7159	-0.0421	-0.176
311	SLE RA 19	0.5	0.38	36.02	4.7388	-0.0421	-0.1741
311	SLE RA 20	0.51	0.37	36.4	4.7513	-0.0425	-0.1776
311	SLE RA 21	0.51	0.38	36.34	4.7741	-0.0425	-0.1757
311	SLE FR 1	0.49	0.29	32.77	4.3528	-0.0383	-0.17
311	SLE FR 2	0.49	0.29	32.74	4.3604	-0.0382	-0.1693
311	SLE FR 3	0.49	0.29	32.89	4.3669	-0.0384	-0.1706
311	SLE FR 4	0.49	0.32	33.74	4.4693	-0.0394	-0.1711
311	SLE FR 5	0.5	0.32	33.89	4.4759	-0.0396	-0.1724
311	SLE FR 6	0.5	0.33	34.43	4.5344	-0.0402	-0.173
311	SLE QP 1	0.49	0.29	32.77	4.3528	-0.0383	-0.17
311	SLE QP 2	0.5	0.32	33.76	4.4617	-0.0394	-0.1718
311	SLD 1	4.35	0.81	26.65	3.6749	-0.0115	-1.522
311	SLD 2	4.72	1.26	27.05	3.7175	-0.0127	-1.6496
311	SLD 3	4.26	-0.37	25.97	3.5311	-0.0098	-1.4924
311	SLD 4	4.63	0.08	26.37	3.5737	-0.011	-1.62
311	SLD 5	1.72	2.16	32.59	4.4363	-0.0334	-0.5989
311	SLD 6	1.97	2.46	32.86	4.4643	-0.0342	-0.683
311	SLD 7	1.42	-1.75	30.32	3.9567	-0.0278	-0.5001
311	SLD 8	1.66	-1.45	30.58	3.9848	-0.0285	-0.5841
311	SLD 9	-0.67	2.09	36.94	4.9387	-0.0503	0.2406
311	SLD 10	-0.43	2.38	37.21	4.9668	-0.0511	0.1566
311	SLD 11	-0.97	-1.83	34.67	4.4592	-0.0447	0.3394
311	SLD 12	-0.73	-1.53	34.94	4.4872	-0.0454	0.2554
311	SLD 13	-3.64	0.55	41.16	5.3498	-0.0679	1.2764
311	SLD 14	-3.27	1	41.56	5.3924	-0.069	1.1489
311	SLD 15	-3.73	-0.63	40.48	5.2059	-0.0662	1.3061
311	SLD 16	-3.36	-0.18	40.88	5.2485	-0.0673	1.1785
311	SLV 1	9.51	1.43	17.09	2.619	0.026	-3.3302
311	SLV 2	10.37	2.48	18.02	2.7181	0.0233	-3.6273
311	SLV 3	9.31	-1.24	15.54	2.2843	0.0299	-3.2627
311	SLV 4	10.17	-0.19	16.48	2.3835	0.0272	-3.5598
311	SLV 5	3.36	4.51	30.95	4.3992	-0.0252	-1.1701
311	SLV 6	3.92	5.19	31.55	4.4634	-0.0269	-1.3623
311	SLV 7	2.68	-4.37	25.78	3.2838	-0.0123	-0.9451
311	SLV 8	3.23	-3.69	26.39	3.3479	-0.0141	-1.1373
311	SLV 9	-2.24	4.32	41.14	5.5755	-0.0648	0.7938
311	SLV 10	-1.69	5	41.74	5.6397	-0.0665	0.6016
311	SLV 11	-2.93	-4.55	35.97	4.4601	-0.0519	1.0188
311	SLV 12	-2.37	-3.87	36.58	4.5242	-0.0537	0.8266
311	SLV 13	-9.17	0.82	51.05	6.54	-0.106	3.2162
311	SLV 14	-8.32	1.87	51.99	6.6391	-0.1087	2.9191
311	SLV 15	-9.38	1.85	49.5	6.2053	-0.1021	3.2837
311	SLV 16	-8.52	-0.8	50.44	6.3045	-0.1049	2.9866
311	CRTFP Ux+	0	0	0	0	0	0
311	CRTFP Ux-	0	0	0	0	0	0
311	CRTFP Uy+	0	0	0	0	0	0
311	CRTFP Uy-	0	0	0	0	0	0
312	SLU 1	0.47	0.31	33.24	5.2094	-0.0603	-0.1626
312	SLU 2	0.46	0.35	33.07	5.2487	-0.0601	-0.1587
312	SLU 3	0.48	0.31	34.03	5.3186	-0.0619	-0.1677
312	SLU 4	0.48	0.34	33.92	5.3422	-0.0618	-0.1653
312	SLU 5	0.47	0.35	33.56	5.3175	-0.0611	-0.1611
312	SLU 6	0.49	0.31	34.53	5.3873	-0.0629	-0.1702
312	SLU 7	0.48	0.33	34.42	5.4109	-0.0628	-0.1678
312	SLU 8	0.48	0.31	34.23	5.3468	-0.0623	-0.1676
312	SLU 9	0.48	0.33	34.13	5.3705	-0.0622	-0.1652
312	SLU 10	0.48	0.45	36.72	5.7448	-0.067	-0.1648
312	SLU 11	0.5	0.41	37.68	5.8146	-0.0688	-0.1738
312	SLU 12	0.5	0.43	37.58	5.8382	-0.0687	-0.1715
312	SLU 13	0.49	0.44	37.22	5.8135	-0.068	-0.1673
312	SLU 14	0.51	0.41	38.18	5.8833	-0.0699	-0.1763
312	SLU 15	0.5	0.43	38.07	5.907	-0.0697	-0.1739
312	SLU 16	0.5	0.4	37.89	5.8429	-0.0692	-0.1737
312	SLU 17	0.5	0.43	37.78	5.8665	-0.0691	-0.1713
312	SLU 18	0.49	0.45	38.46	5.918	-0.0702	-0.1714
312	SLU 19	0.49	0.47	38.36	5.9416	-0.07	-0.169



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
312	SLU 20	0.5	0.45	38.96	5.9867	-0.0712	-0.1738
312	SLU 21	0.5	0.47	38.85	6.0104	-0.071	-0.1715
312	SLU 22	0.54	0.4	36.84	5.7041	-0.0675	-0.1861
312	SLU 23	0.53	0.44	36.66	5.7434	-0.0672	-0.1822
312	SLU 24	0.55	0.4	37.62	5.8132	-0.0691	-0.1912
312	SLU 25	0.55	0.42	37.52	5.8369	-0.069	-0.1888
312	SLU 26	0.53	0.43	37.16	5.8122	-0.0683	-0.1846
312	SLU 27	0.56	0.4	38.12	5.882	-0.0701	-0.1936
312	SLU 28	0.55	0.42	38.01	5.9056	-0.07	-0.1913
312	SLU 29	0.55	0.39	37.83	5.8415	-0.0695	-0.191
312	SLU 30	0.55	0.42	37.72	5.8651	-0.0694	-0.1887
312	SLU 31	0.55	0.53	40.32	6.2395	-0.0742	-0.1883
312	SLU 32	0.57	0.5	41.28	6.3093	-0.076	-0.1973
312	SLU 33	0.56	0.52	41.17	6.3329	-0.0759	-0.1949
312	SLU 34	0.55	0.53	40.81	6.3082	-0.0752	-0.1907
312	SLU 35	0.58	0.49	41.77	6.378	-0.077	-0.1998
312	SLU 36	0.57	0.52	41.67	6.4016	-0.0769	-0.1974
312	SLU 37	0.57	0.49	41.48	6.3376	-0.0764	-0.1971
312	SLU 38	0.56	0.51	41.38	6.3612	-0.0763	-0.1948
312	SLU 39	0.56	0.53	42.06	6.4127	-0.0774	-0.1949
312	SLU 40	0.56	0.56	41.95	6.4363	-0.0772	-0.1925
312	SLU 41	0.57	0.53	42.56	6.4814	-0.0784	-0.1973
312	SLU 42	0.56	0.56	42.45	6.5051	-0.0782	-0.1949
312	SLU 43	0.59	0.38	41.98	6.6026	-0.0759	-0.2034
312	SLU 44	0.58	0.41	41.81	6.642	-0.0757	-0.1994
312	SLU 45	0.6	0.38	42.77	6.7118	-0.0775	-0.2085
312	SLU 46	0.6	0.4	42.66	6.7354	-0.0774	-0.2061
312	SLU 47	0.58	0.41	42.3	6.7107	-0.0767	-0.2019
312	SLU 48	0.61	0.37	43.27	6.7805	-0.0786	-0.2109
312	SLU 49	0.6	0.4	43.16	6.8041	-0.0784	-0.2086
312	SLU 50	0.6	0.37	42.98	6.74	-0.0779	-0.2083
312	SLU 51	0.59	0.39	42.87	6.7637	-0.0778	-0.2059
312	SLU 52	0.6	0.51	45.46	7.138	-0.0826	-0.2056
312	SLU 53	0.62	0.47	46.42	7.2078	-0.0845	-0.2146
312	SLU 54	0.61	0.5	46.32	7.2314	-0.0843	-0.2122
312	SLU 55	0.6	0.51	45.96	7.2067	-0.0836	-0.208
312	SLU 56	0.63	0.47	46.92	7.2765	-0.0855	-0.217
312	SLU 57	0.62	0.49	46.81	7.3002	-0.0853	-0.2147
312	SLU 58	0.62	0.47	46.63	7.2361	-0.0849	-0.2144
312	SLU 59	0.61	0.49	46.52	7.2597	-0.0847	-0.2121
312	SLU 60	0.61	0.51	47.21	7.3112	-0.0858	-0.2121
312	SLU 61	0.61	0.54	47.1	7.3348	-0.0857	-0.2098
312	SLU 62	0.62	0.51	47.7	7.3799	-0.0868	-0.2146
312	SLU 63	0.61	0.53	47.6	7.4036	-0.0867	-0.2122
312	SLU 64	0.65	0.46	45.58	7.0973	-0.0831	-0.2268
312	SLU 65	0.64	0.5	45.4	7.1366	-0.0829	-0.2229
312	SLU 66	0.67	0.46	46.36	7.2064	-0.0847	-0.2319
312	SLU 67	0.66	0.49	46.26	7.2301	-0.0846	-0.2296
312	SLU 68	0.65	0.5	45.9	7.2054	-0.0839	-0.2254
312	SLU 69	0.68	0.46	46.86	7.2752	-0.0857	-0.2344
312	SLU 70	0.67	0.49	46.75	7.2988	-0.0856	-0.232
312	SLU 71	0.67	0.46	46.57	7.2347	-0.0851	-0.2318
312	SLU 72	0.66	0.48	46.46	7.2583	-0.085	-0.2294
312	SLU 73	0.66	0.6	49.06	7.6327	-0.0898	-0.229
312	SLU 74	0.69	0.56	50.02	7.7025	-0.0916	-0.2381
312	SLU 75	0.68	0.58	49.91	7.7261	-0.0915	-0.2357
312	SLU 76	0.67	0.59	49.55	7.7014	-0.0908	-0.2315
312	SLU 77	0.69	0.56	50.52	7.7712	-0.0927	-0.2405
312	SLU 78	0.69	0.58	50.41	7.7948	-0.0925	-0.2381
312	SLU 79	0.69	0.55	50.23	7.7308	-0.092	-0.2379
312	SLU 80	0.68	0.58	50.12	7.7544	-0.0919	-0.2355
312	SLU 81	0.68	0.6	50.8	7.8059	-0.093	-0.2356
312	SLU 82	0.67	0.62	50.69	7.8295	-0.0928	-0.2332
312	SLU 83	0.69	0.6	51.3	7.8746	-0.094	-0.2381
312	SLU 84	0.68	0.62	51.19	7.8983	-0.0939	-0.2357
312	SLE RA 1	0.49	0.34	34.27	5.3507	-0.0623	-0.1693
312	SLE RA 2	0.48	0.36	34.15	5.377	-0.0622	-0.1667
312	SLE RA 3	0.5	0.34	34.79	5.4235	-0.0634	-0.1727
312	SLE RA 4	0.49	0.35	34.72	5.4392	-0.0633	-0.1711
312	SLE RA 5	0.49	0.36	34.48	5.4228	-0.0629	-0.1683
312	SLE RA 6	0.5	0.34	35.13	5.4693	-0.0641	-0.1744
312	SLE RA 7	0.5	0.35	35.05	5.4851	-0.064	-0.1728
312	SLE RA 8	0.5	0.33	34.93	5.4423	-0.0637	-0.1726
312	SLE RA 9	0.49	0.35	34.86	5.4581	-0.0636	-0.171
312	SLE RA 10	0.49	0.43	36.59	5.7077	-0.0668	-0.1708
312	SLE RA 11	0.51	0.4	37.23	5.7542	-0.068	-0.1768
312	SLE RA 12	0.51	0.42	37.16	5.7699	-0.0679	-0.1752
312	SLE RA 13	0.5	0.42	36.92	5.7535	-0.0675	-0.1724
312	SLE RA 14	0.51	0.4	37.56	5.8	-0.0687	-0.1785
312	SLE RA 15	0.51	0.42	37.49	5.8158	-0.0686	-0.1769
312	SLE RA 16	0.51	0.4	37.37	5.773	-0.0683	-0.1767
312	SLE RA 17	0.51	0.41	37.3	5.7888	-0.0682	-0.1751
312	SLE RA 18	0.51	0.43	37.75	5.8231	-0.0689	-0.1752
312	SLE RA 19	0.5	0.44	37.68	5.8389	-0.0688	-0.1736
312	SLE RA 20	0.51	0.43	38.08	5.869	-0.0696	-0.1768
312	SLE RA 21	0.51	0.44	38.01	5.8847	-0.0695	-0.1752
312	SLE FR 1	0.49	0.34	34.27	5.3507	-0.0623	-0.1693
312	SLE FR 2	0.49	0.34	34.25	5.356	-0.0623	-0.1688
312	SLE FR 3	0.49	0.34	34.4	5.369	-0.0626	-0.17



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
312	SLE FR 4	0.49	0.37	35.29	5.4977	-0.0643	-0.1706
312	SLE FR 5	0.5	0.36	35.45	5.5108	-0.0646	-0.1717
312	SLE FR 6	0.5	0.38	36.01	5.5869	-0.0656	-0.1723
312	SLE QP 1	0.49	0.34	34.27	5.3507	-0.0623	-0.1693
312	SLE QP 2	0.49	0.36	35.31	5.4924	-0.0643	-0.1711
312	SLD 1	4.34	0.88	27.27	4.2962	-0.03	-1.5183
312	SLD 2	4.71	1.38	27.71	4.3553	-0.0315	-1.6456
312	SLD 3	4.25	-0.36	26.53	4.1552	-0.0275	-1.4883
312	SLD 4	4.62	0.13	26.97	4.2143	-0.029	-1.6157
312	SLD 5	1.72	2.32	33.94	5.3368	-0.0576	-0.5979
312	SLD 6	1.96	2.64	34.23	5.3757	-0.0586	-0.6818
312	SLD 7	1.41	-1.83	31.48	4.8669	-0.0492	-0.4979
312	SLD 8	1.66	-1.51	31.77	4.9057	-0.0502	-0.5818
312	SLD 9	-0.67	2.23	38.86	6.0792	-0.0784	0.2396
312	SLD 10	-0.43	2.56	39.15	6.118	-0.0795	0.1557
312	SLD 11	-0.98	-1.92	36.4	5.6092	-0.0701	0.3396
312	SLD 12	-0.73	-1.59	36.69	5.648	-0.0711	0.2557
312	SLD 13	-3.63	0.6	43.66	6.7706	-0.0996	1.2735
312	SLD 14	-3.26	1.09	44.1	6.8296	-0.1011	1.1461
312	SLD 15	-3.72	-0.65	42.92	6.6296	-0.0971	1.3035
312	SLD 16	-3.35	-0.15	43.36	6.6886	-0.0986	1.1761
312	SLV 1	9.49	1.53	16.45	2.69	0.0161	-3.3222
312	SLV 2	10.35	2.69	17.48	2.8275	0.0125	-3.6188
312	SLV 3	9.28	-1.29	14.77	2.3645	0.0218	-3.2539
312	SLV 4	10.14	-0.14	15.8	2.502	0.0183	-3.5506
312	SLV 5	3.36	4.8	32.02	5.1216	-0.0483	-1.1685
312	SLV 6	3.92	5.54	32.69	5.2105	-0.0506	-1.3604
312	SLV 7	2.66	-4.62	26.43	4.0365	-0.0292	-0.9409
312	SLV 8	3.22	-3.87	27.1	4.1255	-0.0315	-1.1329
312	SLV 9	-2.23	4.6	43.53	6.8594	-0.0972	0.7907
312	SLV 10	-1.68	5.34	44.2	6.9484	-0.0995	0.5988
312	SLV 11	-2.93	-4.82	37.94	5.7744	-0.0781	1.0182
312	SLV 12	-2.38	-4.07	38.61	5.8633	-0.0804	0.8263
312	SLV 13	-9.16	0.87	54.83	8.4829	-0.1469	3.2084
312	SLV 14	-8.3	2.02	55.86	8.6204	-0.1504	2.9117
312	SLV 15	-9.37	-1.96	53.15	8.1574	-0.1412	3.2766
312	SLV 16	-8.51	-0.81	54.18	8.2948	-0.1447	2.98
312	CRTFP Ux+	0	0	0	0	0	0
312	CRTFP Ux-	0	0	0	0	0	0
312	CRTFP Uy+	0	0	0	0	0	0
312	CRTFP Uy-	0	0	0	0	0	0
313	SLU 1	0.47	0.35	35.42	6.7228	-0.085	-0.1617
313	SLU 2	0.46	0.41	35.23	6.7402	-0.0846	-0.1584
313	SLU 3	0.48	0.35	36.26	6.8715	-0.0872	-0.1667
313	SLU 4	0.48	0.39	36.15	6.8819	-0.087	-0.1648
313	SLU 5	0.47	0.41	35.77	6.8336	-0.086	-0.1608
313	SLU 6	0.49	0.35	36.79	6.9649	-0.0887	-0.1692
313	SLU 7	0.48	0.39	36.68	6.9753	-0.0885	-0.1672
313	SLU 8	0.48	0.35	36.48	6.9097	-0.0878	-0.1666
313	SLU 9	0.48	0.38	36.37	6.9201	-0.0876	-0.1646
313	SLU 10	0.48	0.52	39.14	7.4179	-0.0946	-0.1643
313	SLU 11	0.5	0.46	40.17	7.5491	-0.0972	-0.1727
313	SLU 12	0.49	0.5	40.06	7.5596	-0.097	-0.1707
313	SLU 13	0.48	0.52	39.67	7.5113	-0.096	-0.1668
313	SLU 14	0.5	0.46	40.7	7.6426	-0.0986	-0.1751
313	SLU 15	0.5	0.49	40.59	7.653	-0.0984	-0.1732
313	SLU 16	0.5	0.45	40.39	7.5874	-0.0977	-0.1725
313	SLU 17	0.49	0.49	40.28	7.5978	-0.0975	-0.1705
313	SLU 18	0.49	0.5	41	7.6909	-0.0992	-0.1702
313	SLU 19	0.49	0.54	40.89	7.7014	-0.099	-0.1682
313	SLU 20	0.5	0.5	41.53	7.7844	-0.1006	-0.1726
313	SLU 21	0.49	0.54	41.42	7.7948	-0.1004	-0.1706
313	SLU 22	0.53	0.44	39.27	7.3981	-0.0951	-0.1849
313	SLU 23	0.53	0.51	39.09	7.4155	-0.0948	-0.1816
313	SLU 24	0.55	0.45	40.12	7.5468	-0.0974	-0.19
313	SLU 25	0.54	0.48	40.01	7.5572	-0.0972	-0.188
313	SLU 26	0.53	0.5	39.62	7.509	-0.0962	-0.1841
313	SLU 27	0.55	0.44	40.65	7.6402	-0.0988	-0.1924
313	SLU 28	0.55	0.48	40.54	7.6506	-0.0986	-0.1905
313	SLU 29	0.55	0.44	40.34	7.585	-0.098	-0.1898
313	SLU 30	0.54	0.48	40.23	7.5954	-0.0978	-0.1878
313	SLU 31	0.54	0.61	43	8.0932	-0.1047	-0.1876
313	SLU 32	0.56	0.55	44.02	8.2245	-0.1074	-0.1959
313	SLU 33	0.56	0.59	43.91	8.2349	-0.1072	-0.194
313	SLU 34	0.55	0.61	43.53	8.1866	-0.1062	-0.19
313	SLU 35	0.57	0.55	44.56	8.3179	-0.1088	-0.1984
313	SLU 36	0.57	0.59	44.45	8.3283	-0.1086	-0.1964
313	SLU 37	0.56	0.54	44.24	8.2627	-0.1079	-0.1958
313	SLU 38	0.56	0.58	44.13	8.2731	-0.1077	-0.1938
313	SLU 39	0.56	0.59	44.86	8.3663	-0.1093	-0.1934
313	SLU 40	0.55	0.63	44.74	8.3767	-0.1091	-0.1914
313	SLU 41	0.56	0.59	45.39	8.4597	-0.1108	-0.1959
313	SLU 42	0.56	0.63	45.28	8.4701	-0.1106	-0.1939
313	SLU 43	0.58	0.42	44.72	8.5081	-0.107	-0.2022
313	SLU 44	0.58	0.49	44.54	8.5255	-0.1066	-0.1989
313	SLU 45	0.6	0.43	45.57	8.6568	-0.1092	-0.2072
313	SLU 46	0.59	0.46	45.46	8.6672	-0.109	-0.2053
313	SLU 47	0.58	0.49	45.07	8.6189	-0.108	-0.2014
313	SLU 48	0.6	0.42	46.1	8.7502	-0.1107	-0.2097



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
313	SLU 49	0.6	0.46	45.99	8.7606	-0.1105	-0.2077
313	SLU 50	0.6	0.42	45.79	8.695	-0.1098	-0.2071
313	SLU 51	0.59	0.46	45.68	8.7054	-0.1096	-0.2051
313	SLU 52	0.59	0.59	48.44	9.2032	-0.1166	-0.2049
313	SLU 53	0.61	0.53	49.47	9.3344	-0.1192	-0.2132
313	SLU 54	0.61	0.57	49.36	9.3449	-0.119	-0.2112
313	SLU 55	0.6	0.59	48.98	9.2966	-0.118	-0.2073
313	SLU 56	0.62	0.53	50.01	9.4279	-0.1206	-0.2156
313	SLU 57	0.62	0.57	49.9	9.4383	-0.1204	-0.2137
313	SLU 58	0.61	0.52	49.69	9.3727	-0.1197	-0.213
313	SLU 59	0.61	0.56	49.58	9.3831	-0.1195	-0.2111
313	SLU 60	0.61	0.57	50.3	9.4762	-0.1212	-0.2107
313	SLU 61	0.6	0.61	50.19	9.4867	-0.121	-0.2087
313	SLU 62	0.61	0.57	50.84	9.5697	-0.1226	-0.2131
313	SLU 63	0.61	0.61	50.73	9.5801	-0.1224	-0.2112
313	SLU 64	0.65	0.52	48.58	9.1835	-0.1171	-0.2254
313	SLU 65	0.64	0.58	48.39	9.2008	-0.1168	-0.2222
313	SLU 66	0.66	0.52	49.42	9.3321	-0.1194	-0.2305
313	SLU 67	0.66	0.56	49.31	9.3425	-0.1192	-0.2285
313	SLU 68	0.65	0.58	48.92	9.2943	-0.1182	-0.2246
313	SLU 69	0.67	0.52	49.95	9.4255	-0.1208	-0.2329
313	SLU 70	0.67	0.56	49.84	9.436	-0.1206	-0.231
313	SLU 71	0.66	0.51	49.64	9.3703	-0.12	-0.2303
313	SLU 72	0.66	0.55	49.53	9.3807	-0.1198	-0.2284
313	SLU 73	0.66	0.68	52.3	9.8785	-0.1267	-0.2281
313	SLU 74	0.68	0.62	53.33	10.0098	-0.1294	-0.2364
313	SLU 75	0.68	0.66	53.22	10.0202	-0.1292	-0.2345
313	SLU 76	0.67	0.68	52.83	9.9719	-0.1282	-0.2306
313	SLU 77	0.69	0.62	53.86	10.1032	-0.1308	-0.2389
313	SLU 78	0.68	0.66	53.75	10.1136	-0.1306	-0.2369
313	SLU 79	0.68	0.62	53.55	10.048	-0.1299	-0.2363
313	SLU 80	0.68	0.66	53.44	10.0584	-0.1297	-0.2343
313	SLU 81	0.67	0.67	54.16	10.1516	-0.1313	-0.2339
313	SLU 82	0.67	0.7	54.05	10.162	-0.1311	-0.232
313	SLU 83	0.68	0.66	54.69	10.245	-0.1328	-0.2364
313	SLU 84	0.68	0.7	54.58	10.2554	-0.1326	-0.2344
313	SLE RA 1	0.48	0.38	36.52	6.9158	-0.0879	-0.1683
313	SLE RA 2	0.48	0.42	36.4	6.9274	-0.0876	-0.1661
313	SLE RA 3	0.49	0.38	37.08	7.0149	-0.0894	-0.1717
313	SLE RA 4	0.49	0.4	37.01	7.0218	-0.0892	-0.1704
313	SLE RA 5	0.48	0.42	36.75	6.9897	-0.0886	-0.1677
313	SLE RA 6	0.5	0.38	37.44	7.0771	-0.0903	-0.1733
313	SLE RA 7	0.5	0.4	37.36	7.0841	-0.0902	-0.172
313	SLE RA 8	0.49	0.37	37.23	7.0403	-0.0898	-0.1716
313	SLE RA 9	0.49	0.4	37.16	7.0473	-0.0896	-0.1703
313	SLE RA 10	0.49	0.49	39	7.3792	-0.0943	-0.1701
313	SLE RA 11	0.51	0.45	39.69	7.4666	-0.096	-0.1756
313	SLE RA 12	0.5	0.47	39.61	7.4736	-0.0959	-0.1743
313	SLE RA 13	0.5	0.49	39.36	7.4414	-0.0952	-0.1717
313	SLE RA 14	0.51	0.45	40.04	7.5289	-0.097	-0.1773
313	SLE RA 15	0.51	0.47	39.97	7.5359	-0.0968	-0.176
313	SLE RA 16	0.51	0.44	39.83	7.4921	-0.0964	-0.1755
313	SLE RA 17	0.5	0.47	39.76	7.4991	-0.0963	-0.1742
313	SLE RA 18	0.5	0.48	40.24	7.5612	-0.0973	-0.174
313	SLE RA 19	0.5	0.5	40.17	7.5681	-0.0972	-0.1727
313	SLE RA 20	0.51	0.47	40.6	7.6235	-0.0983	-0.1756
313	SLE RA 21	0.5	0.5	40.52	7.6304	-0.0981	-0.1743
313	SLE FR 1	0.48	0.38	36.52	6.9158	-0.0879	-0.1683
313	SLE FR 2	0.48	0.38	36.5	6.9181	-0.0878	-0.1679
313	SLE FR 3	0.49	0.38	36.66	6.9407	-0.0882	-0.1689
313	SLE FR 4	0.49	0.41	37.61	7.1117	-0.0907	-0.1696
313	SLE FR 5	0.49	0.41	37.78	7.1343	-0.0911	-0.1706
313	SLE FR 6	0.49	0.43	38.38	7.2385	-0.0926	-0.1711
313	SLE QP 1	0.48	0.38	36.52	6.9158	-0.0879	-0.1683
313	SLE QP 2	0.49	0.41	37.64	7.1094	-0.0907	-0.17
313	SLD 1	4.33	0.96	28.45	5.358	-0.0493	-1.514
313	SLD 2	4.7	1.5	28.94	5.4414	-0.0512	-1.6412
313	SLD 3	4.24	-0.37	27.63	5.2033	-0.046	-1.4834
313	SLD 4	4.6	0.18	28.13	5.2867	-0.0479	-1.6106
313	SLD 5	1.72	2.48	36.03	6.8037	-0.083	-0.5967
313	SLD 6	1.96	2.84	36.36	6.8586	-0.0842	-0.6805
313	SLD 7	1.4	-1.93	33.31	6.288	-0.0719	-0.4949
313	SLD 8	1.65	-1.57	33.63	6.3429	-0.0732	-0.5786
313	SLD 9	-0.67	2.38	41.64	7.8759	-0.1082	0.2386
313	SLD 10	-0.43	2.74	41.97	7.9308	-0.1095	0.1549
313	SLD 11	-0.98	-2.02	38.91	7.3602	-0.0972	0.3405
313	SLD 12	-0.74	-1.67	39.24	7.4151	-0.0985	0.2567
313	SLD 13	-3.63	0.63	47.15	8.9321	-0.1335	1.2706
313	SLD 14	-3.26	1.18	47.64	9.0155	-0.1354	1.1434
313	SLD 15	-3.72	-0.69	46.33	8.7774	-0.1302	1.3012
313	SLD 16	-3.35	-0.14	46.82	8.8608	-0.1321	1.174
313	SLV 1	9.47	1.65	16.1	3.0054	0.0064	-3.3135
313	SLV 2	10.33	2.91	17.26	3.1997	0.002	-3.6098
313	SLV 3	9.26	-1.35	14.25	2.6517	0.0139	-3.244
313	SLV 4	10.12	-0.08	15.4	2.8459	0.0095	-3.5403
313	SLV 5	3.36	5.1	33.8	6.381	-0.0723	-1.1671
313	SLV 6	3.91	5.92	34.54	6.5067	-0.0751	-1.3588
313	SLV 7	2.65	-4.89	27.6	5.2019	-0.0471	-0.9354
313	SLV 8	3.2	-4.07	28.34	5.3275	-0.05	-1.1271



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
313	SLV 9	-2.22	4.88	46.93	8.8913	-0.1314	0.7871
313	SLV 10	-1.67	5.7	47.67	9.0169	-0.1343	0.5954
313	SLV 11	-2.94	-5.11	40.73	7.7121	-0.1063	1.0188
313	SLV 12	-2.38	-4.29	41.48	7.8378	-0.1092	0.8271
313	SLV 13	-9.14	0.89	59.87	11.3729	-0.1909	3.2003
313	SLV 14	-8.28	2.16	61.03	11.5671	-0.1953	2.904
313	SLV 15	-9.35	-2.1	58.02	11.0191	-0.1834	3.2698
313	SLV 16	-8.49	-0.84	59.17	11.2133	-0.1878	2.9735
313	CRTFP Ux+	0	0	0	0	0	0
313	CRTFP Ux-	0	0	0	0	0	0
313	CRTFP Uy+	0	0	0	0	0	0
313	CRTFP Uy-	0	0	0	0	0	0
314	SLU 1	0.46	0.38	38.34	8.8294	-0.1102	-0.1603
314	SLU 2	0.46	0.47	38.15	8.8212	-0.1097	-0.1577
314	SLU 3	0.48	0.38	39.27	9.033	-0.1131	-0.1654
314	SLU 4	0.47	0.44	39.15	9.0281	-0.1128	-0.1638
314	SLU 5	0.46	0.47	38.73	8.9491	-0.1115	-0.1601
314	SLU 6	0.48	0.38	39.85	9.1609	-0.1149	-0.1678
314	SLU 7	0.48	0.44	39.73	9.156	-0.1147	-0.1662
314	SLU 8	0.47	0.38	39.51	9.0852	-0.1138	-0.1652
314	SLU 9	0.47	0.43	39.39	9.0803	-0.1136	-0.1636
314	SLU 10	0.47	0.58	42.4	9.7526	-0.1227	-0.1635
314	SLU 11	0.49	0.5	43.52	9.9645	-0.1261	-0.1712
314	SLU 12	0.49	0.55	43.4	9.9596	-0.1258	-0.1696
314	SLU 13	0.48	0.58	42.98	9.8806	-0.1246	-0.1659
314	SLU 14	0.5	0.5	44.1	10.0924	-0.128	-0.1736
314	SLU 15	0.5	0.55	43.98	10.0875	-0.1277	-0.172
314	SLU 16	0.49	0.49	43.76	10.0167	-0.1269	-0.171
314	SLU 17	0.49	0.54	43.64	10.0118	-0.1266	-0.1694
314	SLU 18	0.49	0.54	44.42	10.16	-0.1288	-0.1686
314	SLU 19	0.48	0.59	44.3	10.1551	-0.1285	-0.167
314	SLU 20	0.49	0.54	45	10.288	-0.1306	-0.1711
314	SLU 21	0.49	0.59	44.88	10.283	-0.1303	-0.1695
314	SLU 22	0.53	0.48	42.55	9.7569	-0.1234	-0.1834
314	SLU 23	0.52	0.57	42.35	9.7487	-0.1229	-0.1807
314	SLU 24	0.54	0.48	43.47	9.9605	-0.1263	-0.1884
314	SLU 25	0.54	0.54	43.35	9.9556	-0.126	-0.1868
314	SLU 26	0.53	0.57	42.93	9.8766	-0.1248	-0.1831
314	SLU 27	0.55	0.48	44.05	10.0885	-0.1282	-0.1908
314	SLU 28	0.55	0.54	43.93	10.0835	-0.1279	-0.1892
314	SLU 29	0.54	0.48	43.71	10.0127	-0.1271	-0.1882
314	SLU 30	0.54	0.53	43.59	10.0078	-0.1268	-0.1866
314	SLU 31	0.54	0.68	46.6	10.6802	-0.1359	-0.1865
314	SLU 32	0.56	0.6	47.72	10.892	-0.1393	-0.1942
314	SLU 33	0.56	0.65	47.6	10.8871	-0.1391	-0.1926
314	SLU 34	0.55	0.68	47.18	10.8081	-0.1378	-0.1889
314	SLU 35	0.57	0.59	48.3	11.0199	-0.1412	-0.1966
314	SLU 36	0.56	0.65	48.19	11.015	-0.1409	-0.195
314	SLU 37	0.56	0.59	47.96	10.9442	-0.1401	-0.194
314	SLU 38	0.56	0.64	47.84	10.9393	-0.1398	-0.1924
314	SLU 39	0.55	0.64	48.62	11.0876	-0.142	-0.1916
314	SLU 40	0.55	0.69	48.5	11.0826	-0.1417	-0.19
314	SLU 41	0.56	0.64	49.2	11.2155	-0.1438	-0.1941
314	SLU 42	0.56	0.69	49.09	11.2106	-0.1435	-0.1925
314	SLU 43	0.58	0.46	48.4	11.1602	-0.1387	-0.2006
314	SLU 44	0.57	0.55	48.21	11.152	-0.1382	-0.1979
314	SLU 45	0.59	0.46	49.33	11.3638	-0.1416	-0.2056
314	SLU 46	0.59	0.52	49.21	11.3589	-0.1413	-0.204
314	SLU 47	0.58	0.55	48.79	11.2799	-0.14	-0.2003
314	SLU 48	0.6	0.46	49.91	11.4917	-0.1434	-0.208
314	SLU 49	0.59	0.52	49.79	11.4868	-0.1432	-0.2064
314	SLU 50	0.59	0.46	49.57	11.416	-0.1423	-0.2054
314	SLU 51	0.59	0.51	49.45	11.4111	-0.1421	-0.2038
314	SLU 52	0.59	0.66	52.46	12.0835	-0.1512	-0.2037
314	SLU 53	0.61	0.58	53.58	12.2953	-0.1546	-0.2114
314	SLU 54	0.6	0.63	53.46	12.2904	-0.1544	-0.2098
314	SLU 55	0.6	0.66	53.04	12.2114	-0.1531	-0.2061
314	SLU 56	0.61	0.58	54.16	12.4232	-0.1565	-0.2138
314	SLU 57	0.61	0.63	54.04	12.4183	-0.1562	-0.2122
314	SLU 58	0.61	0.57	53.82	12.3475	-0.1554	-0.2112
314	SLU 59	0.6	0.62	53.7	12.3426	-0.1551	-0.2096
314	SLU 60	0.6	0.62	54.48	12.4908	-0.1573	-0.2088
314	SLU 61	0.6	0.68	54.36	12.4859	-0.157	-0.2072
314	SLU 62	0.61	0.62	55.06	12.6188	-0.1591	-0.2113
314	SLU 63	0.6	0.67	54.94	12.6138	-0.1588	-0.2097
314	SLU 64	0.64	0.56	52.61	12.0877	-0.1519	-0.2236
314	SLU 65	0.64	0.65	52.41	12.0795	-0.1514	-0.2209
314	SLU 66	0.66	0.56	53.53	12.2913	-0.1548	-0.2286
314	SLU 67	0.65	0.62	53.41	12.2864	-0.1546	-0.227
314	SLU 68	0.64	0.65	52.99	12.2074	-0.1533	-0.2233
314	SLU 69	0.66	0.56	54.11	12.4193	-0.1567	-0.231
314	SLU 70	0.66	0.62	54	12.4143	-0.1564	-0.2294
314	SLU 71	0.66	0.56	53.77	12.3435	-0.1556	-0.2284
314	SLU 72	0.65	0.61	53.65	12.3386	-0.1553	-0.2268
314	SLU 73	0.65	0.76	56.66	13.011	-0.1645	-0.2267
314	SLU 74	0.67	0.68	57.78	13.2228	-0.1679	-0.2344
314	SLU 75	0.67	0.73	57.67	13.2179	-0.1676	-0.2328
314	SLU 76	0.66	0.76	57.25	13.1389	-0.1663	-0.2291
314	SLU 77	0.68	0.67	58.37	13.3507	-0.1697	-0.2368



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
314	SLU 78	0.68	0.73	58.25	13.3458	-0.1694	-0.2352
314	SLU 79	0.67	0.67	58.02	13.275	-0.1686	-0.2342
314	SLU 80	0.67	0.72	57.91	13.2701	-0.1683	-0.2326
314	SLU 81	0.67	0.72	58.68	13.4184	-0.1705	-0.2319
314	SLU 82	0.66	0.77	58.57	13.4135	-0.1702	-0.2302
314	SLU 83	0.67	0.72	59.26	13.5463	-0.1723	-0.2343
314	SLU 84	0.67	0.77	59.15	13.5414	-0.1721	-0.2327
314	SLE RA 1	0.48	0.41	39.54	9.0944	-0.1139	-0.1669
314	SLE RA 2	0.48	0.47	39.41	9.0889	-0.1136	-0.1651
314	SLE RA 3	0.49	0.41	40.16	9.2301	-0.1159	-0.1703
314	SLE RA 4	0.49	0.45	40.08	9.2269	-0.1157	-0.1692
314	SLE RA 5	0.48	0.47	39.8	9.1742	-0.1149	-0.1668
314	SLE RA 6	0.49	0.41	40.55	9.3154	-0.1171	-0.1719
314	SLE RA 7	0.49	0.45	40.47	9.3121	-0.1169	-0.1708
314	SLE RA 8	0.49	0.41	40.32	9.2649	-0.1164	-0.1702
314	SLE RA 9	0.49	0.44	40.24	9.2616	-0.1162	-0.1691
314	SLE RA 10	0.49	0.54	42.25	9.7099	-0.1223	-0.169
314	SLE RA 11	0.5	0.49	42.99	9.8511	-0.1246	-0.1741
314	SLE RA 12	0.5	0.52	42.92	9.8478	-0.1244	-0.1731
314	SLE RA 13	0.49	0.54	42.64	9.7952	-0.1235	-0.1706
314	SLE RA 14	0.51	0.48	43.38	9.9364	-0.1258	-0.1758
314	SLE RA 15	0.5	0.52	43.3	9.9331	-0.1256	-0.1747
314	SLE RA 16	0.5	0.48	43.15	9.8859	-0.1251	-0.174
314	SLE RA 17	0.5	0.52	43.08	9.8826	-0.1249	-0.173
314	SLE RA 18	0.5	0.52	43.59	9.9815	-0.1263	-0.1724
314	SLE RA 19	0.49	0.55	43.52	9.9782	-0.1262	-0.1714
314	SLE RA 20	0.5	0.51	43.98	10.0668	-0.1276	-0.1741
314	SLE RA 21	0.5	0.55	43.9	10.0635	-0.1274	-0.173
314	SLE FR 1	0.48	0.41	39.54	9.0944	-0.1139	-0.1669
314	SLE FR 2	0.48	0.42	39.52	9.0933	-0.1139	-0.1666
314	SLE FR 3	0.48	0.41	39.7	9.1285	-0.1144	-0.1676
314	SLE FR 4	0.48	0.45	40.73	9.3594	-0.1176	-0.1682
314	SLE FR 5	0.49	0.44	40.91	9.3946	-0.1181	-0.1692
314	SLE FR 6	0.49	0.46	41.57	9.5379	-0.1201	-0.1697
314	SLE QP 1	0.48	0.41	39.54	9.0944	-0.1139	-0.1669
314	SLE QP 2	0.48	0.44	40.76	9.3605	-0.1177	-0.1686
314	SLD 1	4.32	1.02	30.22	6.891	-0.0687	-1.5093
314	SLD 2	4.69	1.61	30.77	7.0072	-0.071	-1.6364
314	SLD 3	4.22	-0.22	29.29	6.6975	-0.0647	-1.4779
314	SLD 4	4.59	0.22	29.85	6.8137	-0.0669	-1.605
314	SLD 5	1.71	2.63	38.9	8.8923	-0.1087	-0.5956
314	SLD 6	1.96	3.02	39.26	8.9688	-0.1102	-0.6793
314	SLD 7	1.39	-2.03	35.82	8.2473	-0.0952	-0.491
314	SLD 8	1.64	-1.64	36.19	8.3238	-0.0967	-0.5747
314	SLD 9	-0.67	2.52	45.33	10.3972	-0.1386	0.2375
314	SLD 10	-0.42	2.91	45.7	10.4737	-0.1401	0.1538
314	SLD 11	-0.99	-2.14	42.26	9.7522	-0.1251	0.3422
314	SLD 12	-0.75	-1.75	42.62	9.8287	-0.1266	0.2585
314	SLD 13	-3.62	0.66	51.67	11.9073	-0.1684	1.2679
314	SLD 14	-3.25	1.26	52.23	12.0235	-0.1706	1.1407
314	SLD 15	-3.72	-0.73	50.75	11.7138	-0.1644	1.2993
314	SLD 16	-3.35	-0.14	51.3	11.83	-0.1666	1.1721
314	SLV 1	9.45	1.75	16.05	3.5732	-0.0029	-3.3045
314	SLV 2	10.31	3.13	17.34	3.8437	-0.0082	-3.6005
314	SLV 3	9.23	-1.42	13.95	3.1332	0.0063	-3.2331
314	SLV 4	10.09	-0.04	15.25	3.4037	0.001	-3.5291
314	SLV 5	3.36	5.4	36.3	8.2447	-0.0962	-1.1662
314	SLV 6	3.91	6.3	37.14	8.4198	-0.0996	-1.3578
314	SLV 7	2.63	-5.17	29.32	6.778	-0.0656	-0.9283
314	SLV 8	3.18	-4.27	30.15	6.953	-0.069	-1.1199
314	SLV 9	-2.21	5.15	51.36	11.768	-0.1663	0.7827
314	SLV 10	-1.66	6.05	52.2	11.943	-0.1697	0.5911
314	SLV 11	-2.94	-5.42	44.38	10.3012	-0.1357	1.0206
314	SLV 12	-2.39	-4.52	45.22	10.4763	-0.1391	0.8291
314	SLV 13	-9.12	0.92	66.27	15.3174	-0.2363	3.192
314	SLV 14	-8.26	2.3	67.57	15.5878	-0.2416	2.8959
314	SLV 15	-9.34	-2.25	64.18	14.8773	-0.2271	3.2633
314	SLV 16	-8.48	-0.87	65.47	15.1478	-0.2324	2.9673
314	CRTFP Ux+	0	0	0	0	0	0
314	CRTFP Ux-	0	0	0	0	0	0
314	CRTFP Uy+	0	0	0	0	0	0
314	CRTFP Uy-	0	0	0	0	0	0
315	SLU 1	0.39	0.34	36	9.833	0.9198	-0.1469
315	SLU 2	0.39	0.44	35.82	9.8033	0.9151	-0.148
315	SLU 3	0.41	0.35	36.87	10.0667	0.942	-0.1514
315	SLU 4	0.4	0.41	36.76	10.0488	0.9391	-0.152
315	SLU 5	0.4	0.44	36.37	9.95	0.929	-0.15
315	SLU 6	0.41	0.35	37.42	10.2134	0.9559	-0.1534
315	SLU 7	0.41	0.41	37.31	10.1955	0.9531	-0.154
315	SLU 8	0.41	0.34	37.1	10.1264	0.9477	-0.151
315	SLU 9	0.4	0.4	36.99	10.1086	0.9449	-0.1517
315	SLU 10	0.4	0.54	39.83	10.8744	1.017	-0.1557
315	SLU 11	0.42	0.45	40.89	11.1378	1.0439	-0.1591
315	SLU 12	0.42	0.51	40.78	11.1199	1.0411	-0.1598
315	SLU 13	0.41	0.54	40.38	11.0211	1.031	-0.1578
315	SLU 14	0.43	0.45	41.44	11.2845	1.0578	-0.1612
315	SLU 15	0.42	0.51	41.33	11.2666	1.055	-0.1618
315	SLU 16	0.42	0.44	41.11	11.1976	1.0496	-0.1588
315	SLU 17	0.42	0.5	41	11.1797	1.0468	-0.1594



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
315	SLU 18	0.41	0.49	41.73	11.3632	1.0655	-0.158
315	SLU 19	0.41	0.55	41.62	11.3453	1.0626	-0.1587
315	SLU 20	0.42	0.49	42.28	11.5099	1.0794	-0.1601
315	SLU 21	0.42	0.55	42.17	11.492	1.0766	-0.1607
315	SLU 22	0.45	0.43	39.98	10.8989	1.0207	-0.1691
315	SLU 23	0.45	0.53	39.8	10.8691	1.016	-0.1702
315	SLU 24	0.46	0.44	40.85	11.1325	1.0428	-0.1736
315	SLU 25	0.46	0.5	40.74	11.1146	1.04	-0.1742
315	SLU 26	0.45	0.53	40.35	11.0158	1.0299	-0.1722
315	SLU 27	0.47	0.44	41.4	11.2792	1.0567	-0.1756
315	SLU 28	0.47	0.5	41.29	11.2614	1.0539	-0.1762
315	SLU 29	0.46	0.43	41.08	11.1923	1.0485	-0.1732
315	SLU 30	0.46	0.49	40.97	11.1744	1.0457	-0.1739
315	SLU 31	0.46	0.63	43.81	11.9402	1.1179	-0.1779
315	SLU 32	0.48	0.54	44.87	12.2036	1.1447	-0.1813
315	SLU 33	0.47	0.6	44.76	12.1858	1.1419	-0.182
315	SLU 34	0.47	0.63	44.36	12.0869	1.1318	-0.18
315	SLU 35	0.48	0.54	45.42	12.3503	1.1587	-0.1834
315	SLU 36	0.48	0.6	45.31	12.3325	1.1558	-0.184
315	SLU 37	0.48	0.53	45.09	12.2634	1.1505	-0.181
315	SLU 38	0.47	0.59	44.98	12.2455	1.1477	-0.1816
315	SLU 39	0.47	0.58	45.71	12.429	1.1663	-0.1802
315	SLU 40	0.47	0.64	45.6	12.4112	1.1635	-0.1809
315	SLU 41	0.48	0.58	46.26	12.5757	1.1802	-0.1823
315	SLU 42	0.47	0.64	46.15	12.5579	1.1774	-0.1829
315	SLU 43	0.49	0.42	45.44	12.4175	1.1612	-0.1834
315	SLU 44	0.49	0.52	45.25	12.3877	1.1565	-0.1844
315	SLU 45	0.5	0.42	46.31	12.6511	1.1833	-0.1878
315	SLU 46	0.5	0.48	46.2	12.6333	1.1805	-0.1885
315	SLU 47	0.49	0.51	45.8	12.5344	1.1704	-0.1865
315	SLU 48	0.51	0.42	46.86	12.7978	1.1973	-0.1899
315	SLU 49	0.51	0.48	46.75	12.78	1.1944	-0.1905
315	SLU 50	0.5	0.42	46.54	12.7109	1.1891	-0.1875
315	SLU 51	0.5	0.47	46.43	12.6931	1.1862	-0.1881
315	SLU 52	0.5	0.62	49.27	13.4588	1.2584	-0.1922
315	SLU 53	0.52	0.52	50.32	13.7222	1.2853	-0.1956
315	SLU 54	0.52	0.58	50.21	13.7044	1.2824	-0.1962
315	SLU 55	0.51	0.62	49.82	13.6056	1.2724	-0.1943
315	SLU 56	0.52	0.52	50.87	13.869	1.2992	-0.1977
315	SLU 57	0.52	0.58	50.76	13.8511	1.2964	-0.1983
315	SLU 58	0.52	0.52	50.55	13.782	1.291	-0.1953
315	SLU 59	0.52	0.58	50.44	13.7642	1.2882	-0.1959
315	SLU 60	0.51	0.56	51.17	13.9477	1.3068	-0.1945
315	SLU 61	0.51	0.62	51.06	13.9298	1.304	-0.1951
315	SLU 62	0.52	0.56	51.72	14.0944	1.3208	-0.1966
315	SLU 63	0.52	0.62	51.61	14.0765	1.3179	-0.1972
315	SLU 64	0.55	0.51	49.41	13.4833	1.262	-0.2056
315	SLU 65	0.55	0.6	49.23	13.4536	1.2573	-0.2066
315	SLU 66	0.56	0.51	50.29	13.717	1.2842	-0.21
315	SLU 67	0.56	0.57	50.18	13.6991	1.2813	-0.2107
315	SLU 68	0.55	0.6	49.78	13.6003	1.2713	-0.2087
315	SLU 69	0.57	0.51	50.84	13.8637	1.2981	-0.2121
315	SLU 70	0.56	0.57	50.73	13.8458	1.2953	-0.2127
315	SLU 71	0.56	0.5	50.51	13.7768	1.2899	-0.2097
315	SLU 72	0.56	0.56	50.41	13.7589	1.2871	-0.2103
315	SLU 73	0.56	0.71	53.25	14.5247	1.3593	-0.2144
315	SLU 74	0.58	0.61	54.3	14.7881	1.3861	-0.2178
315	SLU 75	0.57	0.67	54.19	14.7702	1.3833	-0.2184
315	SLU 76	0.57	0.71	53.8	14.6714	1.3732	-0.2165
315	SLU 77	0.58	0.61	54.85	14.9348	1.4001	-0.2199
315	SLU 78	0.58	0.67	54.74	14.9169	1.3972	-0.2205
315	SLU 79	0.57	0.61	54.53	14.8479	1.3919	-0.2175
315	SLU 80	0.57	0.67	54.42	14.83	1.389	-0.2181
315	SLU 81	0.57	0.65	55.15	15.0135	1.4077	-0.2167
315	SLU 82	0.57	0.71	55.04	14.9957	1.4048	-0.2173
315	SLU 83	0.58	0.65	55.7	15.1602	1.4216	-0.2188
315	SLU 84	0.57	0.71	55.59	15.1424	1.4188	-0.2194
315	SLE RA 1	0.41	0.37	37.14	10.1376	0.9486	-0.1533
315	SLE RA 2	0.41	0.44	37.02	10.1177	0.9455	-0.154
315	SLE RA 3	0.42	0.37	37.72	10.2933	0.9634	-0.1562
315	SLE RA 4	0.42	0.41	37.65	10.2814	0.9615	-0.1566
315	SLE RA 5	0.41	0.43	37.38	10.2155	0.9548	-0.1553
315	SLE RA 6	0.42	0.37	38.09	10.3911	0.9727	-0.1576
315	SLE RA 7	0.42	0.41	38.01	10.3792	0.9708	-0.158
315	SLE RA 8	0.42	0.37	37.87	10.3332	0.9672	-0.156
315	SLE RA 9	0.42	0.41	37.8	10.3213	0.9653	-0.1564
315	SLE RA 10	0.42	0.5	39.69	10.8318	1.0135	-0.1591
315	SLE RA 11	0.43	0.44	40.4	11.0074	1.0314	-0.1614
315	SLE RA 12	0.43	0.48	40.32	10.9955	1.0295	-0.1618
315	SLE RA 13	0.42	0.5	40.06	10.9296	1.0227	-0.1605
315	SLE RA 14	0.43	0.44	40.76	11.1052	1.0406	-0.1628
315	SLE RA 15	0.43	0.48	40.69	11.0933	1.0388	-0.1632
315	SLE RA 16	0.43	0.44	40.55	11.0472	1.0352	-0.1612
315	SLE RA 17	0.43	0.48	40.47	11.0353	1.0333	-0.1616
315	SLE RA 18	0.42	0.47	40.96	11.1577	1.0457	-0.1607
315	SLE RA 19	0.42	0.51	40.89	11.1458	1.0438	-0.1611
315	SLE RA 20	0.43	0.47	41.33	11.2555	1.055	-0.1621
315	SLE RA 21	0.43	0.51	41.25	11.2436	1.0531	-0.1625
315	SLE FR 1	0.41	0.37	37.14	10.1376	0.9486	-0.1533



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
315	SLE FR 2	0.41	0.38	37.11	10.1336	0.948	-0.1534
315	SLE FR 3	0.41	0.37	37.28	10.1767	0.9524	-0.1538
315	SLE FR 4	0.41	0.41	38.26	10.4396	0.9771	-0.1556
315	SLE FR 5	0.42	0.4	38.43	10.4827	0.9815	-0.156
315	SLE FR 6	0.42	0.42	39.05	10.6476	0.9972	-0.157
315	SLE QP 1	0.41	0.37	37.14	10.1376	0.9486	-0.1533
315	SLE QP 2	0.41	0.4	38.28	10.4436	0.9778	-0.1555
315	SLD 1	3.72	0.92	27.92	7.5863	0.7245	-1.3196
315	SLD 2	4.03	1.47	28.46	7.7199	0.7379	-1.4452
315	SLD 3	3.63	-0.34	27.03	7.3684	0.7023	-1.257
315	SLD 4	3.95	0.21	27.57	7.502	0.7157	-1.3826
315	SLD 5	1.48	2.37	36.44	9.893	0.933	-0.5771
315	SLD 6	1.69	2.74	36.79	9.9809	0.9418	-0.6598
315	SLD 7	1.19	-1.84	33.45	9.1666	0.8591	-0.3685
315	SLD 8	1.4	-1.47	33.81	9.2546	0.868	-0.4512
315	SLD 9	-0.58	2.27	42.76	11.6326	1.0876	0.1402
315	SLD 10	-0.37	2.64	43.11	11.7206	1.0964	0.0575
315	SLD 11	-0.86	-1.94	39.78	10.9063	1.0137	0.3488
315	SLD 12	-0.65	-1.57	40.13	10.9942	1.0226	0.2661
315	SLD 13	-3.12	0.59	49	13.3852	1.2398	1.0716
315	SLD 14	-2.8	1.14	49.54	13.5187	1.2532	0.946
315	SLD 15	-3.21	-0.68	48.1	13.1673	1.2177	1.1342
315	SLD 16	-2.89	-0.12	48.64	13.3008	1.2311	1.0086
315	SLV 1	8.14	1.57	14	3.7474	0.3841	-2.877
315	SLV 2	8.88	2.87	15.26	4.0584	0.4153	-3.1694
315	SLV 3	7.94	-1.29	11.97	3.2524	0.3338	-2.7352
315	SLV 4	8.68	0	13.22	3.5633	0.3649	-3.0276
315	SLV 5	2.89	4.87	33.87	9.1315	0.8706	-1.1363
315	SLV 6	3.37	5.7	34.68	9.3328	0.8907	-1.3255
315	SLV 7	2.25	-4.67	27.09	7.4815	0.7028	-0.6636
315	SLV 8	2.73	-3.84	27.9	7.6827	0.723	-0.8528
315	SLV 9	-1.9	4.63	48.67	13.2045	1.2325	0.5418
315	SLV 10	-1.43	5.47	49.48	13.4057	1.2527	0.3526
315	SLV 11	-2.55	-4.91	41.89	11.5544	1.0648	1.0145
315	SLV 12	-2.07	-4.07	42.7	11.7556	1.085	0.8253
315	SLV 13	-7.86	0.8	63.34	17.3238	1.5906	2.7166
315	SLV 14	-7.12	2.09	64.6	17.6348	1.6218	2.4242
315	SLV 15	-8.05	-2.07	61.31	16.8288	1.5403	2.8584
315	SLV 16	-7.31	-0.77	62.56	17.1398	1.5714	2.566
315	CRTFP Ux+	0	0	0	0	0	0
315	CRTFP Ux-	0	0	0	0	0	0
315	CRTFP Uy+	0	0	0	0	0	0
315	CRTFP Uy-	0	0	0	0	0	0
317	SLU 1	0.57	0.51	55.96	12.5312	12.1712	-0.2577
317	SLU 2	0.57	0.67	55.67	12.4749	12.1048	-0.294
317	SLU 3	0.59	0.52	57.33	12.8355	12.4659	-0.2636
317	SLU 4	0.59	0.61	57.15	12.8017	12.4261	-0.2853
317	SLU 5	0.58	0.67	56.53	12.6661	12.2905	-0.2957
317	SLU 6	0.6	0.51	58.19	13.0267	12.6516	-0.2653
317	SLU 7	0.6	0.61	58.01	12.993	12.6118	-0.287
317	SLU 8	0.59	0.51	57.68	12.9136	12.5425	-0.2612
317	SLU 9	0.59	0.6	57.51	12.8799	12.5027	-0.2829
317	SLU 10	0.6	0.82	61.93	13.8722	13.4587	-0.3348
317	SLU 11	0.61	0.67	63.59	14.2328	13.8198	-0.3044
317	SLU 12	0.61	0.76	63.42	14.199	13.78	-0.3262
317	SLU 13	0.6	0.82	62.8	14.0634	13.6444	-0.3366
317	SLU 14	0.62	0.67	64.45	14.424	14.0055	-0.3062
317	SLU 15	0.62	0.76	64.28	14.3902	13.9657	-0.3279
317	SLU 16	0.61	0.66	63.95	14.3109	13.8964	-0.3021
317	SLU 17	0.61	0.75	63.77	14.2772	13.8566	-0.3238
317	SLU 18	0.6	0.73	64.91	14.5273	14.1053	-0.3161
317	SLU 19	0.6	0.82	64.74	14.4935	14.0655	-0.3379
317	SLU 20	0.61	0.72	65.77	14.7185	14.291	-0.3179
317	SLU 21	0.61	0.82	65.6	14.6848	14.2511	-0.3396
317	SLU 22	0.65	0.64	62.18	13.9193	13.5115	-0.3089
317	SLU 23	0.66	0.8	61.88	13.863	13.4451	-0.3452
317	SLU 24	0.67	0.65	63.54	14.2236	13.8063	-0.3148
317	SLU 25	0.67	0.74	63.37	14.1898	13.7664	-0.3365
317	SLU 26	0.67	0.8	62.74	14.0543	13.6308	-0.3469
317	SLU 27	0.68	0.65	64.4	14.4148	13.9919	-0.3165
317	SLU 28	0.68	0.74	64.23	14.3811	13.9521	-0.3382
317	SLU 29	0.67	0.64	63.9	14.3017	13.8829	-0.3124
317	SLU 30	0.67	0.73	63.72	14.268	13.843	-0.3341
317	SLU 31	0.68	0.95	68.15	15.2603	14.799	-0.386
317	SLU 32	0.69	0.8	69.81	15.6209	15.1601	-0.3556
317	SLU 33	0.7	0.89	69.63	15.5871	15.1203	-0.3774
317	SLU 34	0.69	0.95	69.01	15.4515	14.9847	-0.3878
317	SLU 35	0.7	0.8	70.67	15.8121	15.3458	-0.3574
317	SLU 36	0.7	0.89	70.49	15.7783	15.306	-0.3791
317	SLU 37	0.69	0.79	70.16	15.699	15.2367	-0.3533
317	SLU 38	0.69	0.88	69.99	15.6653	15.1969	-0.375
317	SLU 39	0.69	0.86	71.13	15.9154	15.4456	-0.3673
317	SLU 40	0.69	0.95	70.95	15.8816	15.4058	-0.389
317	SLU 41	0.69	0.86	71.99	16.1066	15.6313	-0.369
317	SLU 42	0.7	0.95	71.81	16.0729	15.5915	-0.3908
317	SLU 43	0.71	0.62	70.62	15.8146	15.363	-0.3175
317	SLU 44	0.72	0.77	70.33	15.7583	15.2966	-0.3537
317	SLU 45	0.73	0.62	71.99	16.1189	15.6578	-0.3233
317	SLU 46	0.73	0.72	71.81	16.0852	15.6179	-0.3451



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
317	SLU 47	0.73	0.77	71.19	15.9496	15.4823	-0.3555
317	SLU 48	0.74	0.62	72.85	16.3101	15.8434	-0.3251
317	SLU 49	0.74	0.72	72.67	16.2764	15.8036	-0.3468
317	SLU 50	0.73	0.61	72.34	16.197	15.7344	-0.321
317	SLU 51	0.73	0.71	72.17	16.1633	15.6945	-0.3427
317	SLU 52	0.74	0.93	76.59	17.1556	16.6505	-0.3946
317	SLU 53	0.75	0.77	78.25	17.5162	17.0116	-0.3642
317	SLU 54	0.76	0.87	78.08	17.4824	16.9718	-0.3859
317	SLU 55	0.75	0.92	77.45	17.3469	16.8362	-0.3963
317	SLU 56	0.76	0.77	79.11	17.7074	17.1973	-0.3659
317	SLU 57	0.76	0.87	78.94	17.6737	17.1575	-0.3877
317	SLU 58	0.75	0.77	78.61	17.5943	17.0882	-0.3618
317	SLU 59	0.75	0.86	78.43	17.5606	17.0484	-0.3836
317	SLU 60	0.74	0.83	79.57	17.8107	17.2971	-0.3759
317	SLU 61	0.75	0.93	79.39	17.777	17.2573	-0.3976
317	SLU 62	0.75	0.83	80.43	18.0019	17.4828	-0.3776
317	SLU 63	0.76	0.93	80.25	17.9682	17.443	-0.3994
317	SLU 64	0.8	0.75	76.83	17.2027	16.7033	-0.3687
317	SLU 65	0.8	0.91	76.54	17.1465	16.6369	-0.4049
317	SLU 66	0.82	0.76	78.2	17.507	16.9981	-0.3745
317	SLU 67	0.82	0.85	78.03	17.4733	16.9582	-0.3963
317	SLU 68	0.81	0.91	77.4	17.3377	16.8226	-0.4067
317	SLU 69	0.82	0.76	79.06	17.6982	17.1838	-0.3763
317	SLU 70	0.83	0.85	78.89	17.6645	17.1439	-0.398
317	SLU 71	0.81	0.75	78.56	17.5852	17.0747	-0.3722
317	SLU 72	0.82	0.84	78.38	17.5514	17.0348	-0.3939
317	SLU 73	0.82	1.06	82.81	18.5437	17.9908	-0.4458
317	SLU 74	0.84	0.91	84.47	18.9043	18.352	-0.4154
317	SLU 75	0.84	1	84.29	18.8705	18.3121	-0.4371
317	SLU 76	0.83	1.06	83.67	18.735	18.1765	-0.4475
317	SLU 77	0.85	0.91	85.33	19.0955	18.5376	-0.4171
317	SLU 78	0.85	1	85.15	19.0618	18.4978	-0.4389
317	SLU 79	0.84	0.9	84.82	18.9824	18.4286	-0.413
317	SLU 80	0.84	0.99	84.64	18.9487	18.3887	-0.4348
317	SLU 81	0.83	0.97	85.78	19.1988	18.6374	-0.4271
317	SLU 82	0.83	1.06	85.61	19.1651	18.5976	-0.4488
317	SLU 83	0.84	0.96	86.64	19.39	18.8231	-0.4288
317	SLU 84	0.84	1.06	86.47	19.3563	18.7833	-0.4505
317	SLE RA 1	0.59	0.55	57.74	12.9278	12.5541	-0.2724
317	SLE RA 2	0.6	0.65	57.54	12.8903	12.5099	-0.2965
317	SLE RA 3	0.61	0.55	58.65	13.1306	12.7506	-0.2762
317	SLE RA 4	0.61	0.61	58.53	13.1081	12.7241	-0.2907
317	SLE RA 5	0.6	0.65	58.12	13.0178	12.6337	-0.2977
317	SLE RA 6	0.61	0.55	59.22	13.2581	12.8744	-0.2774
317	SLE RA 7	0.61	0.61	59.11	13.2356	12.8479	-0.2919
317	SLE RA 8	0.61	0.55	58.88	13.1827	12.8017	-0.2747
317	SLE RA 9	0.61	0.61	58.77	13.1602	12.7751	-0.2892
317	SLE RA 10	0.61	0.75	61.72	13.8218	13.4125	-0.3238
317	SLE RA 11	0.62	0.65	62.83	14.0622	13.6532	-0.3035
317	SLE RA 12	0.62	0.72	62.71	14.0397	13.6267	-0.318
317	SLE RA 13	0.62	0.75	62.29	13.9493	13.5362	-0.3249
317	SLE RA 14	0.63	0.65	63.4	14.1896	13.777	-0.3046
317	SLE RA 15	0.63	0.71	63.28	14.1671	13.7505	-0.3191
317	SLE RA 16	0.62	0.65	63.06	14.1143	13.7043	-0.3019
317	SLE RA 17	0.62	0.71	62.94	14.0918	13.6777	-0.3164
317	SLE RA 18	0.62	0.69	63.7	14.2585	13.8435	-0.3113
317	SLE RA 19	0.62	0.75	63.59	14.236	13.817	-0.3258
317	SLE RA 20	0.62	0.69	64.28	14.386	13.9673	-0.3124
317	SLE RA 21	0.62	0.75	64.16	14.3635	13.9408	-0.3269
317	SLE FR 1	0.59	0.55	57.74	12.9278	12.5541	-0.2724
317	SLE FR 2	0.6	0.57	57.7	12.9203	12.5453	-0.2772
317	SLE FR 3	0.6	0.55	57.97	12.9788	12.6036	-0.2728
317	SLE FR 4	0.6	0.61	59.49	13.3195	12.9321	-0.2889
317	SLE FR 5	0.6	0.59	59.76	13.378	12.9905	-0.2845
317	SLE FR 6	0.61	0.62	60.72	13.5931	13.1988	-0.2918
317	SLE QP 1	0.59	0.55	57.74	12.9278	12.5541	-0.2724
317	SLE QP 2	0.6	0.59	59.53	13.327	12.941	-0.284
317	SLD 1	5.43	1.36	43.07	9.6325	9.4925	-1.5704
317	SLD 2	5.91	2.2	43.94	9.8118	9.6811	-1.8809
317	SLD 3	5.29	-0.51	41.62	9.336	9.1784	-1.0955
317	SLD 4	5.77	0.33	42.49	9.5153	9.367	-1.4061
317	SLD 5	2.18	3.52	56.64	12.6362	12.3491	-1.3344
317	SLD 6	2.49	4.07	57.21	12.7543	12.4733	-1.539
317	SLD 7	1.71	-2.73	51.79	11.6479	11.3019	0.2484
317	SLD 8	2.02	-2.18	52.37	11.766	11.4261	0.0438
317	SLD 9	-0.82	3.36	66.69	14.888	14.4558	-0.6119
317	SLD 10	-0.51	3.92	67.26	15.0061	14.58	-0.8164
317	SLD 11	-1.29	-2.89	61.84	13.8997	13.4086	0.9709
317	SLD 12	-0.97	-2.33	62.41	14.0178	13.5328	0.7664
317	SLD 13	-4.56	0.85	76.57	17.1387	16.515	0.838
317	SLD 14	-4.08	1.69	77.44	17.318	16.7035	0.5274
317	SLD 15	-4.7	-1.02	75.11	16.8422	16.2008	1.3129
317	SLD 16	-4.22	-0.18	75.98	17.0215	16.3894	1.0023
317	SLV 1	11.89	2.33	20.96	4.6682	4.8578	-3.2776
317	SLV 2	13	4.29	22.99	5.0859	5.297	-4.0008
317	SLV 3	11.57	-1.92	17.66	3.9946	4.1442	-2.2014
317	SLV 4	12.68	0.04	19.68	4.4122	4.5833	-2.9246
317	SLV 5	4.28	7.22	52.62	11.6786	11.5221	-2.6888
317	SLV 6	5	8.49	53.93	11.9488	11.8063	-3.1568



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
317	SLV 7	3.22	-6.95	41.6	9.4331	9.1434	0.8985
317	SLV 8	3.94	-5.68	42.92	9.7033	9.4276	0.4305
317	SLV 9	-2.74	6.86	76.14	16.9507	16.4544	-0.9986
317	SLV 10	-2.01	8.13	77.45	17.2209	16.7385	-1.4666
317	SLV 11	-3.8	-7.31	65.13	14.7052	14.0756	2.5887
317	SLV 12	-3.07	-6.04	66.44	14.9754	14.3598	2.1208
317	SLV 13	-11.48	1.14	99.37	22.2418	21.2986	2.3565
317	SLV 14	-10.37	3.1	101.4	22.6594	21.7378	1.6333
317	SLV 15	-11.8	-3.11	96.07	21.5681	20.5849	3.4327
317	SLV 16	-10.68	-1.15	98.1	21.9858	21.0241	2.7095
317	CRTFP Ux+	0	0	0	0	0	0
317	CRTFP Ux-	0	0	0	0	0	0
317	CRTFP Uy+	0	0	0	0	0	0
317	CRTFP Uy-	0	0	0	0	0	0
379	SLU 1	-0.47	0.41	31.1	0.8192	-5.8606	0.1156
379	SLU 2	-0.46	0.51	30.93	0.8153	-5.823	0.1381
379	SLU 3	-0.48	0.43	31.84	0.8386	-5.9964	0.1193
379	SLU 4	-0.47	0.48	31.74	0.8363	-5.9739	0.1328
379	SLU 5	-0.46	0.51	31.4	0.8275	-5.9091	0.1406
379	SLU 6	-0.49	0.44	32.31	0.8509	-6.0825	0.1218
379	SLU 7	-0.48	0.49	32.2	0.8485	-6.06	0.1353
379	SLU 8	-0.48	0.43	32.03	0.8437	-6.0328	0.1207
379	SLU 9	-0.48	0.49	31.93	0.8414	-6.0103	0.1342
379	SLU 10	-0.48	0.6	34.36	0.9056	-6.456	0.1622
379	SLU 11	-0.51	0.52	35.27	0.929	-6.6295	0.1434
379	SLU 12	-0.5	0.58	35.17	0.9266	-6.6069	0.1569
379	SLU 13	-0.49	0.61	34.83	0.9179	-6.5422	0.1647
379	SLU 14	-0.52	0.53	35.74	0.9412	-6.7156	0.146
379	SLU 15	-0.51	0.58	35.64	0.9389	-6.6931	0.1595
379	SLU 16	-0.51	0.53	35.47	0.934	-6.6659	0.1448
379	SLU 17	-0.5	0.58	35.37	0.9317	-6.6433	0.1583
379	SLU 18	-0.5	0.55	36	0.9482	-6.7649	0.15
379	SLU 19	-0.5	0.6	35.9	0.9459	-6.7424	0.1635
379	SLU 20	-0.51	0.56	36.47	0.9605	-6.8511	0.1526
379	SLU 21	-0.5	0.61	36.37	0.9581	-6.8285	0.1661
379	SLU 22	-0.53	0.5	34.53	0.9095	-6.4906	0.1388
379	SLU 23	-0.52	0.59	34.36	0.9056	-6.453	0.1613
379	SLU 24	-0.54	0.51	35.27	0.929	-6.6264	0.1425
379	SLU 25	-0.54	0.57	35.17	0.9266	-6.6039	0.156
379	SLU 26	-0.53	0.6	34.83	0.9179	-6.5391	0.1639
379	SLU 27	-0.55	0.52	35.74	0.9412	-6.7126	0.1451
379	SLU 28	-0.54	0.58	35.63	0.9389	-6.69	0.1586
379	SLU 29	-0.54	0.52	35.46	0.9341	-6.6628	0.1439
379	SLU 30	-0.54	0.57	35.36	0.9317	-6.6403	0.1574
379	SLU 31	-0.54	0.69	37.79	0.9959	-7.0861	0.1854
379	SLU 32	-0.57	0.61	38.7	1.0193	-7.2595	0.1666
379	SLU 33	-0.56	0.66	38.6	1.017	-7.2369	0.1801
379	SLU 34	-0.55	0.7	38.26	1.0082	-7.1722	0.188
379	SLU 35	-0.58	0.62	39.17	1.0316	-7.3456	0.1692
379	SLU 36	-0.57	0.67	39.07	1.0292	-7.3231	0.1827
379	SLU 37	-0.57	0.61	38.9	1.0244	-7.2959	0.168
379	SLU 38	-0.56	0.67	38.8	1.022	-7.2734	0.1815
379	SLU 39	-0.57	0.63	39.43	1.0386	-7.395	0.1733
379	SLU 40	-0.56	0.69	39.33	1.0362	-7.3724	0.1868
379	SLU 41	-0.57	0.64	39.9	1.0508	-7.4811	0.1758
379	SLU 42	-0.57	0.7	39.8	1.0485	-7.4585	0.1893
379	SLU 43	-0.59	0.51	39.25	1.034	-7.4027	0.1423
379	SLU 44	-0.58	0.6	39.08	1.03	-7.3651	0.1648
379	SLU 45	-0.6	0.52	39.99	1.0534	-7.5386	0.146
379	SLU 46	-0.59	0.58	39.89	1.051	-7.516	0.1595
379	SLU 47	-0.58	0.61	39.55	1.0423	-7.4513	0.1674
379	SLU 48	-0.61	0.53	40.46	1.0657	-7.6247	0.1486
379	SLU 49	-0.6	0.59	40.36	1.0633	-7.6022	0.1621
379	SLU 50	-0.6	0.53	40.19	1.0585	-7.575	0.1474
379	SLU 51	-0.6	0.58	40.09	1.0561	-7.5524	0.1609
379	SLU 52	-0.6	0.69	42.51	1.1204	-7.9982	0.1889
379	SLU 53	-0.63	0.61	43.42	1.1437	-8.1716	0.1701
379	SLU 54	-0.62	0.67	43.32	1.1414	-8.1491	0.1836
379	SLU 55	-0.61	0.7	42.98	1.1326	-8.0843	0.1915
379	SLU 56	-0.63	0.62	43.89	1.156	-8.2578	0.1727
379	SLU 57	-0.63	0.68	43.79	1.1536	-8.2352	0.1862
379	SLU 58	-0.63	0.62	43.62	1.1488	-8.2081	0.1715
379	SLU 59	-0.62	0.67	43.52	1.1465	-8.1855	0.185
379	SLU 60	-0.62	0.64	44.15	1.163	-8.3071	0.1768
379	SLU 61	-0.62	0.7	44.05	1.1607	-8.2846	0.1903
379	SLU 62	-0.63	0.65	44.62	1.1753	-8.3932	0.1793
379	SLU 63	-0.62	0.71	44.52	1.1729	-8.3707	0.1928
379	SLU 64	-0.65	0.59	42.68	1.1243	-8.0328	0.1655
379	SLU 65	-0.64	0.69	42.51	1.1204	-7.9952	0.188
379	SLU 66	-0.66	0.61	43.42	1.1437	-8.1686	0.1693
379	SLU 67	-0.66	0.66	43.32	1.1414	-8.146	0.1828
379	SLU 68	-0.64	0.7	42.98	1.1327	-8.0813	0.1906
379	SLU 69	-0.67	0.62	43.89	1.156	-8.2547	0.1718
379	SLU 70	-0.66	0.67	43.79	1.1537	-8.2322	0.1853
379	SLU 71	-0.66	0.61	43.62	1.1488	-8.205	0.1706
379	SLU 72	-0.66	0.67	43.52	1.1465	-8.1825	0.1841
379	SLU 73	-0.66	0.78	45.94	1.2107	-8.6282	0.2122
379	SLU 74	-0.69	0.7	46.85	1.2341	-8.8017	0.1934
379	SLU 75	-0.68	0.76	46.75	1.2317	-8.7791	0.2069



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
379	SLU 76	-0.67	0.79	46.41	1.223	-8.7143	0.2147
379	SLU 77	-0.7	0.71	47.32	1.2463	-8.8878	0.1959
379	SLU 78	-0.69	0.77	47.22	1.244	-8.8652	0.2094
379	SLU 79	-0.69	0.71	47.05	1.2392	-8.8381	0.1947
379	SLU 80	-0.68	0.76	46.95	1.2368	-8.8155	0.2082
379	SLU 81	-0.68	0.73	47.58	1.2534	-8.9371	0.2
379	SLU 82	-0.68	0.78	47.48	1.251	-8.9146	0.2135
379	SLU 83	-0.69	0.74	48.05	1.2656	-9.0233	0.2025
379	SLU 84	-0.69	0.79	47.95	1.2633	-9.0007	0.216
379	SLE RA 1	-0.49	0.44	32.08	0.845	-6.0406	0.1222
379	SLE RA 2	-0.48	0.5	31.96	0.8424	-6.0155	0.1372
379	SLE RA 3	-0.49	0.45	32.57	0.858	-6.1311	0.1247
379	SLE RA 4	-0.49	0.48	32.5	0.8564	-6.1161	0.1337
379	SLE RA 5	-0.48	0.51	32.28	0.8506	-6.0729	0.1389
379	SLE RA 6	-0.5	0.45	32.88	0.8661	-6.1886	0.1264
379	SLE RA 7	-0.5	0.49	32.82	0.8646	-6.1735	0.1354
379	SLE RA 8	-0.5	0.45	32.7	0.8613	-6.1554	0.1256
379	SLE RA 9	-0.49	0.49	32.63	0.8598	-6.1404	0.1346
379	SLE RA 10	-0.49	0.56	34.25	0.9026	-6.4376	0.1533
379	SLE RA 11	-0.51	0.51	34.86	0.9182	-6.5532	0.1408
379	SLE RA 12	-0.51	0.55	34.79	0.9166	-6.5381	0.1498
379	SLE RA 13	-0.5	0.57	34.57	0.9108	-6.495	0.155
379	SLE RA 14	-0.52	0.52	35.17	0.9264	-6.6106	0.1425
379	SLE RA 15	-0.51	0.55	35.1	0.9248	-6.5956	0.1515
379	SLE RA 16	-0.51	0.51	34.99	0.9216	-6.5775	0.1417
379	SLE RA 17	-0.51	0.55	34.92	0.92	-6.5624	0.1507
379	SLE RA 18	-0.51	0.53	35.35	0.931	-6.6435	0.1452
379	SLE RA 19	-0.5	0.56	35.28	0.9295	-6.6285	0.1542
379	SLE RA 20	-0.51	0.53	35.66	0.9392	-6.7009	0.1469
379	SLE RA 21	-0.51	0.57	35.59	0.9376	-6.6859	0.1559
379	SLE FR 1	-0.49	0.44	32.08	0.845	-6.0406	0.1222
379	SLE FR 2	-0.48	0.45	32.05	0.8445	-6.0356	0.1252
379	SLE FR 3	-0.49	0.44	32.2	0.8483	-6.0635	0.1229
379	SLE FR 4	-0.49	0.48	33.04	0.8703	-6.2164	0.1321
379	SLE FR 5	-0.49	0.47	33.18	0.8741	-6.2444	0.1298
379	SLE FR 6	-0.5	0.48	33.71	0.888	-6.342	0.1337
379	SLE QP 1	-0.49	0.44	32.08	0.845	-6.0406	0.1222
379	SLE QP 2	-0.49	0.46	33.06	0.8708	-6.2215	0.1291
379	SLD 1	2	1	42.83	1.1258	-7.9677	0.2005
379	SLD 2	2.25	0.54	42.4	1.1154	-7.885	0.0791
379	SLD 3	2.05	-0.12	42.06	1.1072	-7.8244	-0.0783
379	SLD 4	2.3	-0.58	41.63	1.0968	-7.7418	-0.1996
379	SLD 5	0.13	2.4	37.24	0.9773	-6.9774	0.5951
379	SLD 6	0.3	2.09	36.95	0.9704	-6.923	0.5151
379	SLD 7	0.3	-1.32	34.67	0.9155	-6.4999	-0.3341
379	SLD 8	0.47	-1.62	34.38	0.9086	-6.4455	-0.414
379	SLD 9	-1.45	2.55	31.73	0.833	-5.9974	0.6723
379	SLD 10	-1.29	2.25	31.45	0.8261	-5.943	0.5924
379	SLD 11	-1.28	-1.17	29.16	0.7712	-5.5199	-0.2569
379	SLD 12	-1.12	-1.47	28.88	0.7643	-5.4655	-0.3368
379	SLD 13	-3.28	1.5	24.49	0.6448	-4.7011	0.4579
379	SLD 14	-3.03	1.04	24.05	0.6344	-4.6185	0.3365
379	SLD 15	-3.23	0.39	23.72	0.6262	-4.5579	0.1791
379	SLD 16	-2.98	-0.07	23.28	0.6158	-4.4752	0.0578
379	SLV 1	5.34	1.67	55.92	1.467	-10.3043	0.285
379	SLV 2	5.92	0.6	54.91	1.4428	-10.1119	0.0023
379	SLV 3	5.45	-0.85	54.17	1.425	-9.9793	-0.3465
379	SLV 4	6.03	-1.93	53.16	1.4007	-9.7868	-0.6292
379	SLV 5	0.98	4.84	42.74	1.1176	-7.9727	1.1827
379	SLV 6	1.35	4.15	42.09	1.102	-7.8482	0.9998
379	SLV 7	1.37	-3.57	36.91	0.9775	-6.8892	-0.9223
379	SLV 8	1.74	-4.27	36.26	0.9618	-6.7647	-1.1052
379	SLV 9	-2.73	5.2	29.86	0.7798	-5.6782	1.3634
379	SLV 10	-2.35	4.5	29.2	0.7641	-5.5537	1.1805
379	SLV 11	-2.34	-3.22	24.03	0.6396	-4.5947	-0.7416
379	SLV 12	-1.96	-3.91	23.37	0.624	-4.4702	-0.9245
379	SLV 13	-7.02	2.86	12.96	0.3409	-2.6561	0.8874
379	SLV 14	-6.44	1.78	11.95	0.3166	-2.4636	0.6047
379	SLV 15	-6.9	0.33	11.21	0.2988	-2.331	0.2559
379	SLV 16	-6.32	-0.74	10.2	0.2746	-2.1386	-0.0268
379	CRTFP Ux+	0	0	0	0	0	0
379	CRTFP Ux-	0	0	0	0	0	0
379	CRTFP Uy+	0	0	0	0	0	0
379	CRTFP Uy-	0	0	0	0	0	0
382	SLU 1	-0.88	-1.17	57.01	1.5384	-0.3243	-0.0002
382	SLU 2	-0.83	-1.09	56.89	1.5361	-0.3317	0.0007
382	SLU 3	-0.91	-1.19	58.33	1.5743	-0.3315	-0.0001
382	SLU 4	-0.87	-1.14	58.27	1.5729	-0.336	0.0004
382	SLU 5	-0.84	-1.1	57.75	1.5592	-0.3365	0.0008
382	SLU 6	-0.92	-1.21	59.19	1.5974	-0.3362	0
382	SLU 7	-0.89	-1.16	59.12	1.596	-0.3407	0.0005
382	SLU 8	-0.91	-1.21	58.72	1.5846	-0.3337	0
382	SLU 9	-0.88	-1.16	58.66	1.5832	-0.3382	0.0005
382	SLU 10	-0.87	-1.14	63.41	1.7124	-0.3788	-0.0007
382	SLU 11	-0.96	-1.24	64.85	1.7506	-0.3785	-0.0014
382	SLU 12	-0.92	-1.19	64.78	1.7492	-0.383	-0.0009
382	SLU 13	-0.89	-1.15	64.27	1.7354	-0.3835	-0.0006
382	SLU 14	-0.97	-1.26	65.71	1.7737	-0.3833	-0.0014
382	SLU 15	-0.94	-1.21	65.64	1.7723	-0.3877	-0.0008



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
382	SLU 16	-0.96	-1.26	65.24	1.7609	-0.3807	-0.0014
382	SLU 17	-0.93	-1.21	65.17	1.7595	-0.3852	-0.0009
382	SLU 18	-0.95	-1.24	66.32	1.7903	-0.3915	-0.0021
382	SLU 19	-0.92	-1.19	66.25	1.7889	-0.396	-0.0016
382	SLU 20	-0.97	-1.26	67.18	1.8134	-0.3962	-0.002
382	SLU 21	-0.93	-1.21	67.11	1.812	-0.4007	-0.0015
382	SLU 22	-1	-1.19	63.1	1.7038	-0.3566	-0.0001
382	SLU 23	-0.94	-1.1	62.99	1.7015	-0.364	0.0007
382	SLU 24	-1.02	-1.21	64.43	1.7397	-0.3638	0
382	SLU 25	-0.99	-1.16	64.36	1.7383	-0.3683	0.0005
382	SLU 26	-0.95	-1.12	63.85	1.7246	-0.3688	0.0008
382	SLU 27	-1.04	-1.23	65.29	1.7628	-0.3685	0
382	SLU 28	-1	-1.18	65.22	1.7614	-0.373	0.0006
382	SLU 29	-1.03	-1.23	64.82	1.75	-0.366	0
382	SLU 30	-0.99	-1.18	64.75	1.7486	-0.3705	0.0005
382	SLU 31	-0.99	-1.15	69.51	1.8778	-0.4111	-0.0006
382	SLU 32	-1.07	-1.26	70.95	1.916	-0.4108	-0.0014
382	SLU 33	-1.04	-1.21	70.88	1.9146	-0.4153	-0.0009
382	SLU 34	-1	-1.17	70.37	1.9008	-0.4158	-0.0005
382	SLU 35	-1.09	-1.28	71.8	1.9391	-0.4156	-0.0013
382	SLU 36	-1.05	-1.23	71.74	1.9377	-0.42	-0.0008
382	SLU 37	-1.07	-1.28	71.34	1.9263	-0.413	-0.0013
382	SLU 38	-1.04	-1.23	71.27	1.9249	-0.4175	-0.0008
382	SLU 39	-1.06	-1.26	72.41	1.9557	-0.4238	-0.0021
382	SLU 40	-1.03	-1.21	72.35	1.9543	-0.4283	-0.0015
382	SLU 41	-1.08	-1.28	73.27	1.9788	-0.4285	-0.002
382	SLU 42	-1.04	-1.23	73.2	1.9774	-0.433	-0.0014
382	SLU 43	-1.11	-1.52	72.02	1.9433	-0.4105	-0.0003
382	SLU 44	-1.05	-1.43	71.91	1.9409	-0.4179	0.0006
382	SLU 45	-1.14	-1.53	73.34	1.9791	-0.4177	-0.0002
382	SLU 46	-1.1	-1.48	73.28	1.9777	-0.4222	0.0003
382	SLU 47	-1.07	-1.45	72.76	1.964	-0.4227	0.0007
382	SLU 48	-1.15	-1.55	74.2	2.0022	-0.4224	-0.0001
382	SLU 49	-1.12	-1.5	74.14	2.0008	-0.4269	0.0004
382	SLU 50	-1.14	-1.55	73.74	1.9895	-0.4199	-0.0001
382	SLU 51	-1.1	-1.5	73.67	1.988	-0.4244	0.0004
382	SLU 52	-1.1	-1.48	78.42	2.1172	-0.465	-0.0007
382	SLU 53	-1.18	-1.58	79.86	2.1554	-0.4647	-0.0015
382	SLU 54	-1.15	-1.53	79.8	2.154	-0.4692	-0.001
382	SLU 55	-1.11	-1.5	79.28	2.1403	-0.4697	-0.0007
382	SLU 56	-1.2	-1.6	80.72	2.1785	-0.4695	-0.0014
382	SLU 57	-1.16	-1.55	80.65	2.1771	-0.4739	-0.0009
382	SLU 58	-1.19	-1.6	80.25	2.1657	-0.4669	-0.0015
382	SLU 59	-1.15	-1.55	80.19	2.1643	-0.4714	-0.0009
382	SLU 60	-1.18	-1.59	81.33	2.1951	-0.4777	-0.0022
382	SLU 61	-1.14	-1.54	81.26	2.1937	-0.4822	-0.0017
382	SLU 62	-1.19	-1.61	82.19	2.2182	-0.4824	-0.0021
382	SLU 63	-1.16	-1.55	82.12	2.2168	-0.4869	-0.0016
382	SLU 64	-1.22	-1.53	78.11	2.1087	-0.4428	-0.0002
382	SLU 65	-1.16	-1.45	78	2.1063	-0.4502	0.0007
382	SLU 66	-1.25	-1.55	79.44	2.1445	-0.45	-0.0001
382	SLU 67	-1.21	-1.5	79.37	2.1431	-0.4545	0.0004
382	SLU 68	-1.18	-1.47	78.86	2.1294	-0.455	0.0007
382	SLU 69	-1.26	-1.57	80.3	2.1676	-0.4547	0
382	SLU 70	-1.23	-1.52	80.23	2.1662	-0.4592	0.0005
382	SLU 71	-1.25	-1.57	79.83	2.1549	-0.4522	-0.0001
382	SLU 72	-1.22	-1.52	79.76	2.1534	-0.4567	0.0005
382	SLU 73	-1.21	-1.5	84.52	2.2826	-0.4973	-0.0007
382	SLU 74	-1.3	-1.6	85.96	2.3208	-0.497	-0.0015
382	SLU 75	-1.26	-1.55	85.89	2.3194	-0.5015	-0.0009
382	SLU 76	-1.23	-1.52	85.38	2.3057	-0.502	-0.0006
382	SLU 77	-1.31	-1.62	86.82	2.3439	-0.5018	-0.0014
382	SLU 78	-1.28	-1.57	86.75	2.3425	-0.5062	-0.0009
382	SLU 79	-1.3	-1.62	86.35	2.3311	-0.4992	-0.0014
382	SLU 80	-1.27	-1.57	86.28	2.3297	-0.5037	-0.0009
382	SLU 81	-1.29	-1.61	87.42	2.3605	-0.51	-0.0021
382	SLU 82	-1.26	-1.56	87.36	2.3591	-0.5145	-0.0016
382	SLU 83	-1.31	-1.63	88.28	2.3836	-0.5147	-0.0021
382	SLU 84	-1.27	-1.57	88.22	2.3822	-0.5192	-0.0015
382	SLE RA 1	-0.92	-1.18	58.75	1.5857	-0.3335	-0.0002
382	SLE RA 2	-0.88	-1.12	58.67	1.5841	-0.3385	0.0004
382	SLE RA 3	-0.93	-1.19	59.63	1.6096	-0.3383	-0.0001
382	SLE RA 4	-0.91	-1.15	59.59	1.6087	-0.3413	0.0002
382	SLE RA 5	-0.89	-1.13	59.25	1.5995	-0.3416	0.0005
382	SLE RA 6	-0.94	-1.2	60.2	1.625	-0.3415	-0.0001
382	SLE RA 7	-0.92	-1.17	60.16	1.624	-0.3444	0.0003
382	SLE RA 8	-0.94	-1.2	59.89	1.6165	-0.3398	-0.0001
382	SLE RA 9	-0.91	-1.17	59.85	1.6155	-0.3428	0.0003
382	SLE RA 10	-0.91	-1.15	63.02	1.7016	-0.3698	-0.0005
382	SLE RA 11	-0.96	-1.22	63.98	1.7271	-0.3697	-0.001
382	SLE RA 12	-0.94	-1.19	63.93	1.7262	-0.3727	-0.0007
382	SLE RA 13	-0.92	-1.17	63.59	1.717	-0.373	-0.0004
382	SLE RA 14	-0.97	-1.23	64.55	1.7425	-0.3728	-0.001
382	SLE RA 15	-0.95	-1.2	64.5	1.7416	-0.3758	-0.0006
382	SLE RA 16	-0.97	-1.23	64.24	1.734	-0.3711	-0.001
382	SLE RA 17	-0.94	-1.2	64.19	1.7331	-0.3741	-0.0006
382	SLE RA 18	-0.96	-1.22	64.95	1.7536	-0.3783	-0.0015
382	SLE RA 19	-0.94	-1.19	64.91	1.7526	-0.3813	-0.0011
382	SLE RA 20	-0.97	-1.24	65.53	1.769	-0.3814	-0.0014



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
382	SLE RA 21	-0.95	-1.2	65.48	1.768	-0.3844	-0.0011
382	SLE FR 1	-0.92	-1.18	58.75	1.5857	-0.3335	-0.0002
382	SLE FR 2	-0.91	-1.16	58.73	1.5854	-0.3345	-0.0001
382	SLE FR 3	-0.92	-1.18	58.98	1.5919	-0.3347	-0.0002
382	SLE FR 4	-0.92	-1.18	60.59	1.6358	-0.3479	-0.0004
382	SLE FR 5	-0.93	-1.2	60.84	1.6422	-0.3482	-0.0005
382	SLE FR 6	-0.94	-1.2	61.85	1.6697	-0.3559	-0.0008
382	SLE QP 1	-0.92	-1.18	58.75	1.5857	-0.3335	-0.0002
382	SLE QP 2	-0.93	-1.19	60.61	1.6361	-0.3469	-0.0006
382	SLD 1	4.16	-1.02	66.7	1.7944	-0.1688	-0.1326
382	SLD 2	4.65	-1.35	66.29	1.7847	-0.1754	-0.1396
382	SLD 3	4.24	-2.44	65.57	1.7688	-0.1902	-0.1351
382	SLD 4	4.73	-2.77	65.16	1.759	-0.1968	-0.1421
382	SLD 5	0.38	1.07	64.22	1.7243	-0.2598	-0.0352
382	SLD 6	0.71	0.86	63.95	1.7178	-0.2642	-0.0399
382	SLD 7	0.66	-3.66	60.46	1.6387	-0.3312	-0.0433
382	SLD 8	0.98	-3.88	60.19	1.6323	-0.3355	-0.048
382	SLD 9	-2.84	1.5	61.03	1.6399	-0.3583	0.0468
382	SLD 10	-2.52	1.28	60.76	1.6334	-0.3627	0.0422
382	SLD 11	-2.57	-3.24	57.26	1.5543	-0.4297	0.0387
382	SLD 12	-2.24	-3.45	57	1.5479	-0.434	0.0341
382	SLD 13	-6.59	0.39	56.05	1.5132	-0.497	0.1409
382	SLD 14	-6.1	0.06	55.65	1.5034	-0.5037	0.1339
382	SLD 15	-6.51	-1.03	54.93	1.4875	-0.5184	0.1385
382	SLD 16	-6.02	-1.36	54.52	1.4777	-0.5251	0.1315
382	SLV 1	10.97	-0.85	74.82	2.0057	0.0697	-0.3096
382	SLV 2	12.13	-1.61	73.87	1.9829	0.0542	-0.3259
382	SLV 3	11.17	-4.06	72.27	1.9476	0.0204	-0.3153
382	SLV 4	12.32	-4.83	71.32	1.9248	0.005	-0.3316
382	SLV 5	2.15	3.93	68.92	1.8391	-0.1445	-0.0819
382	SLV 6	2.9	3.43	68.3	1.8244	-0.1545	-0.0925
382	SLV 7	2.79	-6.8	60.39	1.6453	-0.3088	-0.1007
382	SLV 8	3.54	-7.3	59.78	1.6306	-0.3188	-0.1112
382	SLV 9	-5.39	4.91	61.44	1.6416	-0.3751	0.1101
382	SLV 10	-4.65	4.42	60.83	1.6269	-0.3851	0.0996
382	SLV 11	-4.76	-5.81	52.92	1.4478	-0.5394	0.0913
382	SLV 12	-4.01	-6.31	52.3	1.433	-0.5494	0.0808
382	SLV 13	-14.18	2.45	49.9	1.3473	-0.6988	0.3304
382	SLV 14	-13.03	1.68	48.95	1.3246	-0.7143	0.3141
382	SLV 15	-13.99	-0.77	47.34	1.2892	-0.7481	0.3248
382	SLV 16	-12.83	-1.53	46.4	1.2664	-0.7636	0.3085
382	CRTFP Ux+	0	0	0	0	0	0
382	CRTFP Ux-	0	0	0	0	0	0
382	CRTFP Uy+	0	0	0	0	0	0
382	CRTFP Uy-	0	0	0	0	0	0
386	SLU 1	0.59	-0.57	57.65	1.5602	0.3618	0.0019
386	SLU 2	0.54	-0.48	57.52	1.5577	0.3696	0.001
386	SLU 3	0.6	-0.58	59.01	1.597	0.3695	0.0017
386	SLU 4	0.57	-0.53	58.93	1.5955	0.3741	0.0012
386	SLU 5	0.55	-0.49	58.38	1.5809	0.374	0.001
386	SLU 6	0.61	-0.59	59.87	1.6202	0.3739	0.0018
386	SLU 7	0.58	-0.54	59.79	1.6187	0.3786	0.0012
386	SLU 8	0.6	-0.6	59.37	1.6066	0.3707	0.0019
386	SLU 9	0.57	-0.54	59.29	1.6051	0.3753	0.0014
386	SLU 10	0.57	-0.47	64.25	1.74	0.419	0.0016
386	SLU 11	0.63	-0.57	65.74	1.7793	0.4189	0.0024
386	SLU 12	0.6	-0.52	65.66	1.7778	0.4236	0.0019
386	SLU 13	0.58	-0.49	65.11	1.7632	0.4234	0.0016
386	SLU 14	0.64	-0.59	66.6	1.8025	0.4234	0.0024
386	SLU 15	0.61	-0.53	66.52	1.801	0.428	0.0019
386	SLU 16	0.63	-0.59	66.1	1.7889	0.4201	0.0025
386	SLU 17	0.6	-0.54	66.02	1.7874	0.4248	0.002
386	SLU 18	0.63	-0.56	67.26	1.8206	0.4325	0.0028
386	SLU 19	0.6	-0.5	67.19	1.8191	0.4371	0.0022
386	SLU 20	0.64	-0.57	68.12	1.8438	0.4369	0.0028
386	SLU 21	0.61	-0.52	68.05	1.8423	0.4415	0.0023
386	SLU 22	0.68	-0.52	64	1.7329	0.395	0.0012
386	SLU 23	0.63	-0.43	63.88	1.7304	0.4028	0.0003
386	SLU 24	0.69	-0.53	65.36	1.7698	0.4027	0.0011
386	SLU 25	0.67	-0.48	65.29	1.7683	0.4073	0.0005
386	SLU 26	0.64	-0.45	64.73	1.7536	0.4072	0.0003
386	SLU 27	0.7	-0.55	66.22	1.793	0.4071	0.0011
386	SLU 28	0.67	-0.5	66.15	1.7915	0.4117	0.0006
386	SLU 29	0.69	-0.55	65.72	1.7793	0.4039	0.0012
386	SLU 30	0.66	-0.5	65.64	1.7778	0.4085	0.0007
386	SLU 31	0.66	-0.43	70.6	1.9127	0.4522	0.001
386	SLU 32	0.72	-0.53	72.09	1.9521	0.4521	0.0017
386	SLU 33	0.7	-0.47	72.01	1.9506	0.4567	0.0012
386	SLU 34	0.67	-0.44	71.46	1.9359	0.4566	0.001
386	SLU 35	0.73	-0.54	72.95	1.9753	0.4565	0.0017
386	SLU 36	0.7	-0.49	72.87	1.9738	0.4612	0.0012
386	SLU 37	0.72	-0.55	72.45	1.9616	0.4533	0.0019
386	SLU 38	0.69	-0.49	72.37	1.9601	0.458	0.0013
386	SLU 39	0.72	-0.51	73.61	1.9933	0.4657	0.0021
386	SLU 40	0.69	-0.46	73.54	1.9918	0.4703	0.0016
386	SLU 41	0.73	-0.53	74.47	2.0165	0.4701	0.0021
386	SLU 42	0.7	-0.47	74.4	2.015	0.4747	0.0016
386	SLU 43	0.73	-0.75	72.76	1.969	0.459	0.0026
386	SLU 44	0.68	-0.66	72.64	1.9665	0.4667	0.0018



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
386	SLU 45	0.75	-0.76	74.13	2.0059	0.4667	0.0025
386	SLU 46	0.72	-0.71	74.05	2.0044	0.4713	0.002
386	SLU 47	0.69	-0.68	73.5	1.9897	0.4712	0.0018
386	SLU 48	0.75	-0.78	74.98	2.0291	0.4711	0.0025
386	SLU 49	0.73	-0.73	74.91	2.0276	0.4757	0.002
386	SLU 50	0.75	-0.78	74.48	2.0154	0.4679	0.0027
386	SLU 51	0.72	-0.73	74.41	2.0139	0.4725	0.0022
386	SLU 52	0.71	-0.66	79.37	2.1488	0.5162	0.0024
386	SLU 53	0.78	-0.76	80.85	2.1882	0.5161	0.0032
386	SLU 54	0.75	-0.7	80.78	2.1867	0.5207	0.0026
386	SLU 55	0.72	-0.67	80.23	2.172	0.5206	0.0024
386	SLU 56	0.78	-0.77	81.71	2.2114	0.5205	0.0032
386	SLU 57	0.76	-0.72	81.64	2.2099	0.5252	0.0027
386	SLU 58	0.78	-0.77	81.21	2.1977	0.5173	0.0033
386	SLU 59	0.75	-0.72	81.14	2.1962	0.522	0.0028
386	SLU 60	0.77	-0.74	82.38	2.2294	0.5296	0.0035
386	SLU 61	0.74	-0.69	82.3	2.2279	0.5343	0.003
386	SLU 62	0.78	-0.76	83.24	2.2526	0.5341	0.0036
386	SLU 63	0.75	-0.7	83.16	2.2511	0.5387	0.003
386	SLU 64	0.82	-0.71	79.11	2.1417	0.4922	0.002
386	SLU 65	0.77	-0.62	78.99	2.1392	0.4999	0.0011
386	SLU 66	0.84	-0.72	80.48	2.1786	0.4998	0.0018
386	SLU 67	0.81	-0.67	80.4	2.1771	0.5045	0.0013
386	SLU 68	0.78	-0.63	79.85	2.1624	0.5044	0.0011
386	SLU 69	0.85	-0.73	81.34	2.2018	0.5043	0.0019
386	SLU 70	0.82	-0.68	81.26	2.2003	0.5089	0.0013
386	SLU 71	0.84	-0.74	80.83	2.1881	0.5011	0.002
386	SLU 72	0.81	-0.68	80.76	2.1866	0.5057	0.0015
386	SLU 73	0.8	-0.61	85.72	2.3215	0.5494	0.0017
386	SLU 74	0.87	-0.71	87.21	2.3609	0.5493	0.0025
386	SLU 75	0.84	-0.66	87.13	2.3594	0.5539	0.002
386	SLU 76	0.81	-0.63	86.58	2.3447	0.5538	0.0018
386	SLU 77	0.88	-0.73	88.06	2.3841	0.5537	0.0025
386	SLU 78	0.85	-0.67	87.99	2.3826	0.5584	0.002
386	SLU 79	0.87	-0.73	87.56	2.3704	0.5505	0.0026
386	SLU 80	0.84	-0.68	87.49	2.3689	0.5551	0.0021
386	SLU 81	0.86	-0.7	88.73	2.4022	0.5628	0.0029
386	SLU 82	0.84	-0.65	88.65	2.4007	0.5675	0.0024
386	SLU 83	0.87	-0.71	89.59	2.4254	0.5673	0.0029
386	SLU 84	0.84	-0.66	89.51	2.4239	0.5719	0.0024
386	SLE RA 1	0.61	-0.56	59.46	1.6095	0.3713	0.0017
386	SLE RA 2	0.58	-0.5	59.38	1.6079	0.3765	0.0011
386	SLE RA 3	0.62	-0.56	60.37	1.6341	0.3764	0.0016
386	SLE RA 4	0.6	-0.53	60.32	1.6331	0.3795	0.0012
386	SLE RA 5	0.59	-0.51	59.95	1.6233	0.3794	0.0011
386	SLE RA 6	0.63	-0.57	60.94	1.6496	0.3794	0.0016
386	SLE RA 7	0.61	-0.54	60.89	1.6486	0.3825	0.0012
386	SLE RA 8	0.62	-0.57	60.61	1.6405	0.3772	0.0017
386	SLE RA 9	0.6	-0.54	60.56	1.6395	0.3803	0.0013
386	SLE RA 10	0.6	-0.49	63.87	1.7294	0.4094	0.0015
386	SLE RA 11	0.64	-0.56	64.86	1.7556	0.4094	0.002
386	SLE RA 12	0.62	-0.52	64.81	1.7546	0.4125	0.0017
386	SLE RA 13	0.61	-0.5	64.44	1.7449	0.4124	0.0015
386	SLE RA 14	0.65	-0.57	65.43	1.7711	0.4123	0.002
386	SLE RA 15	0.63	-0.53	65.38	1.7701	0.4154	0.0017
386	SLE RA 16	0.64	-0.57	65.09	1.762	0.4102	0.0021
386	SLE RA 17	0.62	-0.53	65.04	1.761	0.4133	0.0018
386	SLE RA 18	0.64	-0.55	65.87	1.7831	0.4184	0.0023
386	SLE RA 19	0.62	-0.51	65.82	1.7821	0.4215	0.0019
386	SLE RA 20	0.65	-0.56	66.44	1.7986	0.4214	0.0023
386	SLE RA 21	0.63	-0.52	66.39	1.7976	0.4245	0.0019
386	SLE FR 1	0.61	-0.56	59.46	1.6095	0.3713	0.0017
386	SLE FR 2	0.61	-0.54	59.45	1.6092	0.3723	0.0015
386	SLE FR 3	0.61	-0.56	59.69	1.6157	0.3725	0.0017
386	SLE FR 4	0.61	-0.54	61.37	1.6613	0.3865	0.0017
386	SLE FR 5	0.62	-0.56	61.61	1.6678	0.3866	0.0018
386	SLE FR 6	0.63	-0.55	62.67	1.6963	0.3949	0.002
386	SLE QP 1	0.61	-0.56	59.46	1.6095	0.3713	0.0017
386	SLE QP 2	0.62	-0.55	61.38	1.6616	0.3854	0.0018
386	SLD 1	6.02	0.59	56.18	1.526	0.4885	-0.1357
386	SLD 2	6.52	0.94	56.64	1.5373	0.4812	-0.1433
386	SLD 3	5.91	-0.87	55.08	1.5004	0.5101	-0.1329
386	SLD 4	6.41	-0.51	55.54	1.5117	0.5028	-0.1406
386	SLD 5	2.32	1.93	61.41	1.6578	0.3849	-0.0423
386	SLD 6	2.65	2.16	61.71	1.6652	0.3801	-0.0473
386	SLD 7	1.95	-2.91	57.74	1.5724	0.4569	-0.033
386	SLD 8	2.27	-2.68	58.05	1.5798	0.4521	-0.038
386	SLD 9	-1.03	1.57	64.72	1.7434	0.3188	0.0417
386	SLD 10	-0.7	1.81	65.02	1.7509	0.314	0.0367
386	SLD 11	-1.41	-3.27	61.06	1.658	0.3908	0.051
386	SLD 12	-1.08	-3.03	61.36	1.6654	0.386	0.0459
386	SLD 13	-5.16	-0.59	67.23	1.8115	0.2681	0.1443
386	SLD 14	-4.67	-0.24	67.69	1.8228	0.2608	0.1366
386	SLD 15	-5.28	-2.05	66.13	1.7859	0.2897	0.147
386	SLD 16	-4.78	-1.69	66.59	1.7972	0.2824	0.1394
386	SLV 1	13.25	2.06	49.17	1.3434	0.6271	-0.3199
386	SLV 2	14.41	2.88	50.24	1.3697	0.6101	-0.3377
386	SLV 3	12.99	-1.23	46.68	1.2853	0.6765	-0.3136
386	SLV 4	14.15	-0.41	47.75	1.3116	0.6595	-0.3314



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
386	SLV 5	4.6	5.08	61.31	1.6498	0.386	-0.1011
386	SLV 6	5.35	5.62	62.01	1.6668	0.375	-0.1126
386	SLV 7	3.74	-5.89	53.01	1.456	0.5506	-0.0802
386	SLV 8	4.49	-5.36	53.7	1.473	0.5396	-0.0917
386	SLV 9	-3.25	4.25	69.07	1.8502	0.2313	0.0954
386	SLV 10	-2.5	4.79	69.76	1.8673	0.2202	0.0839
386	SLV 11	-4.11	-6.72	60.76	1.6564	0.3959	0.1163
386	SLV 12	-3.36	-6.19	61.46	1.6735	0.3849	0.1048
386	SLV 13	-12.91	-0.7	75.02	2.0116	0.1114	0.3351
386	SLV 14	-11.75	0.13	76.09	2.038	0.0943	0.3173
386	SLV 15	-13.17	-3.99	72.53	1.9535	0.1608	0.3414
386	SLV 16	-12.01	-3.17	73.6	1.9798	0.1437	0.3236
386	CRTFP Ux+	0	0	0	0	0	0
386	CRTFP Ux-	0	0	0	0	0	0
386	CRTFP Uy+	0	0	0	0	0	0
386	CRTFP Uy-	0	0	0	0	0	0
387	SLU 1	0.37	0.33	34.68	0.9159	9.5227	-0.1261
387	SLU 2	0.37	0.43	34.5	0.912	9.4681	-0.1602
387	SLU 3	0.39	0.33	35.52	0.9381	9.7483	-0.1278
387	SLU 4	0.38	0.39	35.42	0.9357	9.7155	-0.1483
387	SLU 5	0.38	0.43	35.03	0.9259	9.61	-0.16
387	SLU 6	0.39	0.33	36.05	0.952	9.8902	-0.1276
387	SLU 7	0.39	0.39	35.95	0.9496	9.8574	-0.1481
387	SLU 8	0.39	0.33	35.74	0.9437	9.8067	-0.1257
387	SLU 9	0.38	0.39	35.63	0.9414	9.7739	-0.1462
387	SLU 10	0.38	0.53	38.37	1.0139	10.5104	-0.195
387	SLU 11	0.4	0.43	39.39	1.04	10.7905	-0.1625
387	SLU 12	0.4	0.49	39.29	1.0377	10.7577	-0.183
387	SLU 13	0.39	0.53	38.9	1.0278	10.6523	-0.1948
387	SLU 14	0.4	0.43	39.92	1.0539	10.9325	-0.1623
387	SLU 15	0.4	0.49	39.82	1.0516	10.8997	-0.1828
387	SLU 16	0.4	0.43	39.61	1.0457	10.849	-0.1604
387	SLU 17	0.4	0.49	39.5	1.0433	10.8162	-0.1809
387	SLU 18	0.39	0.47	40.2	1.0616	11.0117	-0.1757
387	SLU 19	0.39	0.53	40.1	1.0592	10.9789	-0.1962
387	SLU 20	0.4	0.47	40.73	1.0755	11.1537	-0.1755
387	SLU 21	0.4	0.53	40.63	1.0731	11.1209	-0.196
387	SLU 22	0.43	0.42	38.51	1.0172	10.5533	-0.1575
387	SLU 23	0.42	0.52	38.34	1.0132	10.4986	-0.1917
387	SLU 24	0.44	0.42	39.36	1.0393	10.7788	-0.1592
387	SLU 25	0.44	0.48	39.25	1.0369	10.746	-0.1797
387	SLU 26	0.43	0.51	38.87	1.0271	10.6406	-0.1915
387	SLU 27	0.44	0.42	39.89	1.0532	10.9208	-0.159
387	SLU 28	0.44	0.48	39.78	1.0508	10.888	-0.1795
387	SLU 29	0.44	0.41	39.57	1.045	10.8373	-0.1571
387	SLU 30	0.44	0.47	39.47	1.0426	10.8045	-0.1776
387	SLU 31	0.44	0.61	42.21	1.1152	11.5409	-0.2265
387	SLU 32	0.45	0.52	43.23	1.1413	11.8211	-0.194
387	SLU 33	0.45	0.58	43.12	1.1389	11.7883	-0.2145
387	SLU 34	0.44	0.61	42.74	1.1291	11.6829	-0.2263
387	SLU 35	0.46	0.52	43.76	1.1552	11.9631	-0.1938
387	SLU 36	0.46	0.58	43.65	1.1528	11.9303	-0.2143
387	SLU 37	0.45	0.51	43.44	1.1469	11.8795	-0.1919
387	SLU 38	0.45	0.57	43.34	1.1446	11.8467	-0.2124
387	SLU 39	0.45	0.56	44.04	1.1628	12.0423	-0.2072
387	SLU 40	0.44	0.62	43.94	1.1605	12.0095	-0.2277
387	SLU 41	0.45	0.56	44.57	1.1767	12.1842	-0.207
387	SLU 42	0.45	0.62	44.47	1.1744	12.1514	-0.2275
387	SLU 43	0.47	0.4	43.76	1.156	12.0262	-0.1531
387	SLU 44	0.46	0.5	43.59	1.1521	11.9716	-0.1873
387	SLU 45	0.48	0.4	44.61	1.1782	12.2518	-0.1548
387	SLU 46	0.48	0.46	44.5	1.1758	12.219	-0.1753
387	SLU 47	0.47	0.5	44.12	1.166	12.1135	-0.1871
387	SLU 48	0.48	0.4	45.14	1.1921	12.3937	-0.1546
387	SLU 49	0.48	0.46	45.03	1.1897	12.3609	-0.1751
387	SLU 50	0.48	0.4	44.82	1.1838	12.3102	-0.1527
387	SLU 51	0.48	0.46	44.72	1.1814	12.2774	-0.1732
387	SLU 52	0.48	0.6	47.46	1.254	13.0138	-0.222
387	SLU 53	0.49	0.5	48.48	1.2801	13.294	-0.1896
387	SLU 54	0.49	0.56	48.37	1.2777	13.2612	-0.2101
387	SLU 55	0.48	0.6	47.99	1.2679	13.1558	-0.2218
387	SLU 56	0.5	0.5	49.01	1.294	13.436	-0.1894
387	SLU 57	0.5	0.56	48.9	1.2916	13.4032	-0.2099
387	SLU 58	0.49	0.5	48.69	1.2858	13.3525	-0.1874
387	SLU 59	0.49	0.56	48.59	1.2834	13.3197	-0.208
387	SLU 60	0.49	0.54	49.29	1.3017	13.5152	-0.2027
387	SLU 61	0.48	0.6	49.19	1.2993	13.4824	-0.2232
387	SLU 62	0.49	0.54	49.82	1.3156	13.6572	-0.2025
387	SLU 63	0.49	0.6	49.72	1.3132	13.6244	-0.223
387	SLU 64	0.52	0.49	47.6	1.2573	13.0568	-0.1846
387	SLU 65	0.52	0.58	47.43	1.2533	13.0021	-0.2187
387	SLU 66	0.53	0.49	48.44	1.2794	13.2823	-0.1863
387	SLU 67	0.53	0.55	48.34	1.277	13.2495	-0.2068
387	SLU 68	0.52	0.58	47.96	1.2672	13.1441	-0.2185
387	SLU 69	0.54	0.49	48.97	1.2933	13.4243	-0.1861
387	SLU 70	0.54	0.55	48.87	1.2909	13.3915	-0.2066
387	SLU 71	0.53	0.48	48.66	1.2851	13.3407	-0.1842
387	SLU 72	0.53	0.54	48.56	1.2827	13.3079	-0.2047
387	SLU 73	0.53	0.68	51.3	1.3553	14.0444	-0.2535



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
387	SLU 74	0.55	0.59	52.31	1.3813	14.3246	-0.221
387	SLU 75	0.54	0.65	52.21	1.379	14.2918	-0.2415
387	SLU 76	0.54	0.68	51.83	1.3692	14.1864	-0.2533
387	SLU 77	0.55	0.59	52.84	1.3952	14.4666	-0.2208
387	SLU 78	0.55	0.65	52.74	1.3929	14.4338	-0.2413
387	SLU 79	0.55	0.58	52.53	1.387	14.383	-0.2189
387	SLU 80	0.54	0.64	52.43	1.3846	14.3502	-0.2394
387	SLU 81	0.54	0.63	53.13	1.4029	14.5458	-0.2342
387	SLU 82	0.54	0.69	53.03	1.4005	14.513	-0.2547
387	SLU 83	0.55	0.63	53.66	1.4168	14.6877	-0.234
387	SLU 84	0.54	0.68	53.56	1.4144	14.6549	-0.2545
387	SLE RA 1	0.39	0.36	35.77	0.9449	9.8172	-0.1351
387	SLE RA 2	0.39	0.42	35.66	0.9422	9.7807	-0.1578
387	SLE RA 3	0.4	0.36	36.33	0.9596	9.9675	-0.1362
387	SLE RA 4	0.4	0.4	36.27	0.958	9.9457	-0.1499
387	SLE RA 5	0.39	0.42	36.01	0.9515	9.8754	-0.1577
387	SLE RA 6	0.4	0.36	36.69	0.9689	10.0622	-0.1361
387	SLE RA 7	0.4	0.4	36.62	0.9673	10.0403	-0.1497
387	SLE RA 8	0.4	0.35	36.48	0.9634	10.0065	-0.1348
387	SLE RA 9	0.39	0.39	36.41	0.9618	9.9846	-0.1485
387	SLE RA 10	0.4	0.49	38.24	1.0102	10.4756	-0.181
387	SLE RA 11	0.41	0.42	38.91	1.0276	10.6624	-0.1594
387	SLE RA 12	0.4	0.46	38.85	1.026	10.6405	-0.173
387	SLE RA 13	0.4	0.49	38.59	1.0195	10.5702	-0.1809
387	SLE RA 14	0.41	0.42	39.27	1.0369	10.757	-0.1592
387	SLE RA 15	0.41	0.46	39.2	1.0353	10.7352	-0.1729
387	SLE RA 16	0.41	0.42	39.06	1.0314	10.7013	-0.158
387	SLE RA 17	0.4	0.46	38.99	1.0298	10.6795	-0.1716
387	SLE RA 18	0.4	0.45	39.46	1.042	10.8098	-0.1682
387	SLE RA 19	0.4	0.49	39.39	1.0404	10.788	-0.1818
387	SLE RA 20	0.41	0.45	39.81	1.0512	10.9045	-0.168
387	SLE RA 21	0.4	0.49	39.74	1.0497	10.8826	-0.1817
387	SLE FR 1	0.39	0.36	35.77	0.9449	9.8172	-0.1351
387	SLE FR 2	0.39	0.37	35.75	0.9443	9.8099	-0.1396
387	SLE FR 3	0.39	0.35	35.91	0.9486	9.855	-0.135
387	SLE FR 4	0.39	0.4	36.86	0.9735	10.1077	-0.1495
387	SLE FR 5	0.39	0.38	37.02	0.9777	10.1528	-0.1449
387	SLE FR 6	0.4	0.4	37.62	0.9934	10.3135	-0.1516
387	SLE QP 1	0.39	0.36	35.77	0.9449	9.8172	-0.1351
387	SLE QP 2	0.39	0.38	36.88	0.974	10.115	-0.145
387	SLD 1	3.52	0.89	26.82	0.7097	7.5147	-0.3698
387	SLD 2	3.82	1.43	27.33	0.722	7.6551	-0.5664
387	SLD 3	3.44	-0.34	25.97	0.6895	7.2856	0.0594
387	SLD 4	3.74	0.2	26.48	0.7018	7.426	-0.1372
387	SLD 5	1.4	2.29	35.06	0.9231	9.6572	-0.8281
387	SLD 6	1.6	2.65	35.4	0.9312	9.7496	-0.9576
387	SLD 7	1.13	-1.78	32.22	0.8558	8.8935	0.6025
387	SLD 8	1.33	-1.43	32.56	0.8639	8.986	0.473
387	SLD 9	-0.54	2.19	41.2	1.0841	11.244	-0.763
387	SLD 10	-0.34	2.55	41.53	1.0922	11.3364	-0.8925
387	SLD 11	-0.81	-1.88	38.36	1.0168	10.4803	0.6677
387	SLD 12	-0.62	-1.52	38.7	1.0249	10.5728	0.5382
387	SLD 13	-2.95	0.56	47.27	1.2462	12.804	-0.1527
387	SLD 14	-2.65	1.1	47.79	1.2585	12.9444	-0.3493
387	SLD 15	-3.03	-0.66	46.42	1.226	12.5749	0.2765
387	SLD 16	-2.73	-0.12	46.94	1.2383	12.7153	0.0799
387	SLV 1	7.71	1.52	13.3	0.3546	4.0201	-0.6567
387	SLV 2	8.4	2.78	14.5	0.3832	4.347	-1.1145
387	SLV 3	7.52	-1.25	11.37	0.3087	3.4996	0.3162
387	SLV 4	8.21	0.01	12.56	0.3373	3.8265	-0.1416
387	SLV 5	2.75	4.71	32.53	0.8528	9.0192	-1.6947
387	SLV 6	3.2	5.52	33.3	0.8713	9.2307	-1.9909
387	SLV 7	2.13	-4.53	26.09	0.6998	7.2842	1.5485
387	SLV 8	2.58	-3.71	26.86	0.7184	7.4958	1.2522
387	SLV 9	-1.79	4.48	46.9	1.2296	12.7342	-1.5422
387	SLV 10	-1.34	5.29	47.67	1.2482	12.9457	-1.8384
387	SLV 11	-2.41	-4.76	40.45	1.0767	10.9992	1.7009
387	SLV 12	-1.96	-3.94	41.22	1.0952	11.2108	1.4047
387	SLV 13	-7.43	0.76	61.19	1.6107	16.4034	-0.1484
387	SLV 14	-6.74	2.02	62.39	1.6393	16.7304	-0.6062
387	SLV 15	-7.61	-2.01	59.26	1.5648	15.883	0.8246
387	SLV 16	-6.92	-0.75	60.45	1.5934	16.2099	0.3667
387	CRTFP Ux+	0	0	0	0	0	0
387	CRTFP Ux-	0	0	0	0	0	0
387	CRTFP Uy+	0	0	0	0	0	0
387	CRTFP Uy-	0	0	0	0	0	0
390	SLU 1	0.27	-0.18	34.3	0.9302	10.5723	0.0567
390	SLU 2	0.25	-0.14	34.38	0.9321	10.5967	0.0423
390	SLU 3	0.28	-0.18	35.12	0.9524	10.8214	0.0544
390	SLU 4	0.26	-0.15	35.17	0.9535	10.836	0.0457
390	SLU 5	0.25	-0.14	34.89	0.9459	10.7534	0.0429
390	SLU 6	0.28	-0.18	35.64	0.9662	10.9781	0.055
390	SLU 7	0.27	-0.15	35.68	0.9673	10.9928	0.0463
390	SLU 8	0.28	-0.19	35.33	0.9579	10.8858	0.0579
390	SLU 9	0.26	-0.16	35.38	0.959	10.9004	0.0493
390	SLU 10	0.26	-0.1	38.66	1.0489	11.9101	0.0273
390	SLU 11	0.3	-0.14	39.41	1.0692	12.1348	0.0394
390	SLU 12	0.28	-0.11	39.45	1.0703	12.1494	0.0307
390	SLU 13	0.27	-0.1	39.18	1.0628	12.0668	0.0279



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
390	SLU 14	0.3	-0.14	39.92	1.083	12.2915	0.04
390	SLU 15	0.28	-0.11	39.96	1.0842	12.3062	0.0313
390	SLU 16	0.29	-0.15	39.62	1.0747	12.1992	0.0429
390	SLU 17	0.28	-0.12	39.66	1.0758	12.2138	0.0343
390	SLU 18	0.3	-0.12	40.43	1.0972	12.4486	0.0353
390	SLU 19	0.28	-0.1	40.47	1.0983	12.4632	0.0266
390	SLU 20	0.3	-0.13	40.94	1.111	12.6053	0.0359
390	SLU 21	0.28	-0.1	40.98	1.1121	12.62	0.0272
390	SLU 22	0.32	-0.11	37.97	1.0303	11.6868	0.0313
390	SLU 23	0.29	-0.07	38.04	1.0321	11.7112	0.0168
390	SLU 24	0.32	-0.11	38.79	1.0524	11.9359	0.0289
390	SLU 25	0.31	-0.08	38.83	1.0535	11.9505	0.0203
390	SLU 26	0.29	-0.07	38.56	1.0459	11.8679	0.0174
390	SLU 27	0.33	-0.11	39.3	1.0662	12.0926	0.0295
390	SLU 28	0.31	-0.08	39.35	1.0673	12.1072	0.0209
390	SLU 29	0.32	-0.12	39	1.0579	12.0002	0.0325
390	SLU 30	0.31	-0.09	39.04	1.059	12.0149	0.0238
390	SLU 31	0.31	-0.03	42.33	1.1489	13.0246	0.0019
390	SLU 32	0.34	-0.07	43.07	1.1692	13.2493	0.0139
390	SLU 33	0.33	-0.04	43.12	1.1703	13.2639	0.0053
390	SLU 34	0.31	-0.03	42.84	1.1628	13.1813	0.0024
390	SLU 35	0.34	-0.07	43.59	1.1831	13.406	0.0145
390	SLU 36	0.33	-0.04	43.63	1.1842	13.4206	0.0059
390	SLU 37	0.34	-0.08	43.28	1.1747	13.3136	0.0175
390	SLU 38	0.32	-0.05	43.33	1.1759	13.3283	0.0088
390	SLU 39	0.34	-0.05	44.09	1.1972	13.5631	0.0099
390	SLU 40	0.33	-0.03	44.14	1.1983	13.5777	0.0012
390	SLU 41	0.34	-0.06	44.61	1.211	13.7198	0.0105
390	SLU 42	0.33	-0.03	44.65	1.2121	13.7344	0.0018
390	SLU 43	0.34	-0.26	43.34	1.175	13.3619	0.0825
390	SLU 44	0.31	-0.22	43.41	1.1769	13.3863	0.068
390	SLU 45	0.34	-0.26	44.16	1.1972	13.611	0.0801
390	SLU 46	0.33	-0.23	44.2	1.1983	13.6256	0.0715
390	SLU 47	0.32	-0.22	43.93	1.1907	13.543	0.0686
390	SLU 48	0.35	-0.26	44.67	1.211	13.7677	0.0807
390	SLU 49	0.33	-0.23	44.71	1.2121	13.7824	0.0721
390	SLU 50	0.34	-0.27	44.37	1.2027	13.6753	0.0837
390	SLU 51	0.33	-0.24	44.41	1.2038	13.69	0.075
390	SLU 52	0.33	-0.18	47.7	1.2937	14.6997	0.053
390	SLU 53	0.36	-0.21	48.44	1.314	14.9244	0.0651
390	SLU 54	0.35	-0.19	48.48	1.3151	14.939	0.0565
390	SLU 55	0.33	-0.18	48.21	1.3075	14.8564	0.0536
390	SLU 56	0.36	-0.22	48.95	1.3278	15.0811	0.0657
390	SLU 57	0.35	-0.19	49	1.3289	15.0957	0.0571
390	SLU 58	0.36	-0.22	48.65	1.3195	14.9887	0.0687
390	SLU 59	0.35	-0.2	48.7	1.3206	15.0034	0.06
390	SLU 60	0.36	-0.2	49.46	1.3419	15.2382	0.0611
390	SLU 61	0.35	-0.18	49.5	1.3431	15.2528	0.0524
390	SLU 62	0.36	-0.2	49.97	1.3558	15.3949	0.0616
390	SLU 63	0.35	-0.18	50.02	1.3569	15.4095	0.053
390	SLU 64	0.38	-0.19	47.01	1.275	14.4764	0.057
390	SLU 65	0.36	-0.15	47.08	1.2769	14.5008	0.0426
390	SLU 66	0.39	-0.19	47.82	1.2972	14.7255	0.0547
390	SLU 67	0.37	-0.16	47.87	1.2983	14.7401	0.046
390	SLU 68	0.36	-0.15	47.59	1.2907	14.6575	0.0432
390	SLU 69	0.39	-0.19	48.34	1.311	14.8822	0.0553
390	SLU 70	0.38	-0.16	48.38	1.3121	14.8968	0.0466
390	SLU 71	0.39	-0.2	48.03	1.3027	14.7898	0.0582
390	SLU 72	0.37	-0.17	48.08	1.3038	14.8045	0.0496
390	SLU 73	0.38	-0.11	51.36	1.3937	15.8142	0.0276
390	SLU 74	0.41	-0.14	52.11	1.414	16.0389	0.0397
390	SLU 75	0.39	-0.12	52.15	1.4151	16.0535	0.031
390	SLU 76	0.38	-0.11	51.88	1.4076	15.9709	0.0282
390	SLU 77	0.41	-0.15	52.62	1.4278	16.1956	0.0403
390	SLU 78	0.39	-0.12	52.66	1.429	16.2102	0.0316
390	SLU 79	0.4	-0.15	52.32	1.4195	16.1032	0.0432
390	SLU 80	0.39	-0.13	52.36	1.4206	16.1179	0.0346
390	SLU 81	0.41	-0.13	53.13	1.442	16.3527	0.0356
390	SLU 82	0.39	-0.11	53.17	1.4431	16.3673	0.0269
390	SLU 83	0.41	-0.14	53.64	1.4558	16.5094	0.0362
390	SLU 84	0.4	-0.11	53.68	1.4569	16.524	0.0275
390	SLE RA 1	0.28	-0.16	35.35	0.9588	10.8907	0.0495
390	SLE RA 2	0.27	-0.13	35.4	0.9601	10.907	0.0398
390	SLE RA 3	0.29	-0.16	35.9	0.9736	11.0568	0.0479
390	SLE RA 4	0.28	-0.14	35.93	0.9743	11.0666	0.0421
390	SLE RA 5	0.27	-0.14	35.74	0.9693	11.0115	0.0402
390	SLE RA 6	0.29	-0.16	36.24	0.9828	11.1613	0.0483
390	SLE RA 7	0.28	-0.14	36.27	0.9835	11.171	0.0425
390	SLE RA 8	0.29	-0.17	36.04	0.9773	11.0997	0.0503
390	SLE RA 9	0.28	-0.15	36.07	0.978	11.1095	0.0445
390	SLE RA 10	0.28	-0.11	38.26	1.0379	11.7826	0.0298
390	SLE RA 11	0.3	-0.13	38.75	1.0515	11.9324	0.0379
390	SLE RA 12	0.29	-0.11	38.78	1.0522	11.9422	0.0321
390	SLE RA 13	0.28	-0.11	38.6	1.0472	11.8871	0.0302
390	SLE RA 14	0.3	-0.13	39.1	1.0607	12.0369	0.0383
390	SLE RA 15	0.29	-0.12	39.12	1.0614	12.0466	0.0325
390	SLE RA 16	0.3	-0.14	38.89	1.0551	11.9753	0.0403
390	SLE RA 17	0.29	-0.12	38.92	1.0559	11.9851	0.0345
390	SLE RA 18	0.3	-0.12	39.43	1.0701	12.1416	0.0352



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
390	SLE RA 19	0.29	-0.11	39.46	1.0708	12.1514	0.0294
390	SLE RA 20	0.3	-0.13	39.78	1.0793	12.2461	0.0356
390	SLE RA 21	0.29	-0.11	39.8	1.0801	12.2558	0.0298
390	SLE FR 1	0.28	-0.16	35.35	0.9588	10.8907	0.0495
390	SLE FR 2	0.28	-0.16	35.36	0.9591	10.894	0.0475
390	SLE FR 3	0.28	-0.16	35.49	0.9625	10.9325	0.0496
390	SLE FR 4	0.29	-0.15	36.59	0.9924	11.2692	0.0432
390	SLE FR 5	0.29	-0.15	36.71	0.9959	11.3078	0.0453
390	SLE FR 6	0.29	-0.14	37.39	1.0145	11.5162	0.0423
390	SLE QP 1	0.28	-0.16	35.35	0.9588	10.8907	0.0495
390	SLE QP 2	0.29	-0.15	36.58	0.9922	11.266	0.0452
390	SLD 1	3.63	0.24	36.96	1.0024	11.437	-0.1862
390	SLD 2	3.94	0.27	37.03	1.0041	11.4525	-0.2032
390	SLD 3	3.56	-0.75	36.36	0.9898	11.2499	0.164
390	SLD 4	3.87	-0.73	36.43	0.9915	11.2655	0.1469
390	SLD 5	1.34	1.47	37.58	1.0141	11.5982	-0.5522
390	SLD 6	1.54	1.49	37.63	1.0152	11.6085	-0.5634
390	SLD 7	1.11	-1.85	35.59	0.9721	10.9747	0.6149
390	SLD 8	1.31	-1.83	35.64	0.9732	10.9849	0.6036
390	SLD 9	-0.74	1.53	37.51	1.0112	11.5471	-0.5133
390	SLD 10	-0.54	1.54	37.56	1.0123	11.5573	-0.5245
390	SLD 11	-0.96	-1.79	35.52	0.9692	10.9235	0.6537
390	SLD 12	-0.76	-1.77	35.57	0.9703	10.9338	0.6425
390	SLD 13	-3.29	0.42	36.72	0.9929	11.2665	-0.0566
390	SLD 14	-2.99	0.45	36.79	0.9946	11.2821	-0.0736
390	SLD 15	-3.36	-0.57	36.12	0.9803	11.0795	0.2935
390	SLD 16	-3.06	-0.55	36.19	0.982	11.095	0.2765
390	SLV 1	8.11	0.74	37.45	1.0157	11.6596	-0.4832
390	SLV 2	8.82	0.8	37.61	1.0196	11.6958	-0.5229
390	SLV 3	7.96	-1.52	36.1	0.987	11.2353	0.3104
390	SLV 4	8.66	-1.46	36.26	0.991	11.2715	0.2707
390	SLV 5	2.75	3.53	38.87	1.042	12.0214	-1.3101
390	SLV 6	3.21	3.57	38.97	1.0445	12.0448	-1.3358
390	SLV 7	2.23	-4	34.35	0.9466	10.607	1.3353
390	SLV 8	2.68	-3.96	34.45	0.9491	10.6304	1.3096
390	SLV 9	-2.11	3.65	38.7	1.0353	11.9016	-1.2192
390	SLV 10	-1.65	3.69	38.8	1.0378	11.925	-1.2449
390	SLV 11	-2.63	-3.87	34.18	0.9399	10.4872	1.4261
390	SLV 12	-2.17	-3.83	34.29	0.9424	10.5106	1.4004
390	SLV 13	-8.08	1.16	36.89	0.9934	11.2605	-0.1803
390	SLV 14	-7.38	1.22	37.05	0.9974	11.2967	-0.2201
390	SLV 15	-8.24	-1.1	35.54	0.9648	10.8362	0.6133
390	SLV 16	-7.54	-1.04	35.7	0.9687	10.8724	0.5735
390	CRTFP Ux+	0	0	0	0	0	0
390	CRTFP Ux-	0	0	0	0	0	0
390	CRTFP Uy+	0	0	0	0	0	0
390	CRTFP Uy-	0	0	0	0	0	0
393	SLU 1	-0.52	0.48	34.35	-0.0563	-5.5192	0.1191
393	SLU 2	-0.5	0.59	34.18	-0.0553	-5.4837	0.1458
393	SLU 3	-0.54	0.49	35.16	-0.0577	-5.644	0.1229
393	SLU 4	-0.52	0.56	35.06	-0.0571	-5.6227	0.139
393	SLU 5	-0.51	0.6	34.7	-0.0562	-5.5626	0.1485
393	SLU 6	-0.55	0.5	35.67	-0.0587	-5.7229	0.1256
393	SLU 7	-0.53	0.57	35.58	-0.058	-5.7016	0.1417
393	SLU 8	-0.54	0.5	35.37	-0.0582	-5.677	0.1245
393	SLU 9	-0.53	0.57	35.28	-0.0576	-5.6557	0.1405
393	SLU 10	-0.53	0.7	37.97	-0.0614	-6.0709	0.1731
393	SLU 11	-0.57	0.6	38.95	-0.0639	-6.2312	0.1502
393	SLU 12	-0.55	0.67	38.85	-0.0633	-6.2099	0.1663
393	SLU 13	-0.53	0.71	38.49	-0.0624	-6.1498	0.1758
393	SLU 14	-0.57	0.61	39.46	-0.0648	-6.3101	0.1529
393	SLU 15	-0.56	0.68	39.37	-0.0642	-6.2888	0.1689
393	SLU 16	-0.57	0.61	39.16	-0.0644	-6.2642	0.1518
393	SLU 17	-0.55	0.67	39.07	-0.0637	-6.2429	0.1678
393	SLU 18	-0.56	0.63	39.76	-0.0651	-6.358	0.1581
393	SLU 19	-0.55	0.7	39.66	-0.0645	-6.3367	0.1741
393	SLU 20	-0.57	0.65	40.27	-0.0661	-6.4369	0.1608
393	SLU 21	-0.56	0.71	40.18	-0.0654	-6.4156	0.1768
393	SLU 22	-0.59	0.58	38.14	-0.0623	-6.1031	0.1441
393	SLU 23	-0.57	0.69	37.97	-0.0613	-6.0676	0.1708
393	SLU 24	-0.61	0.59	38.95	-0.0638	-6.2279	0.1479
393	SLU 25	-0.59	0.66	38.85	-0.0631	-6.2066	0.164
393	SLU 26	-0.57	0.7	38.49	-0.0622	-6.1465	0.1735
393	SLU 27	-0.61	0.61	39.47	-0.0647	-6.3068	0.1506
393	SLU 28	-0.6	0.67	39.37	-0.0641	-6.2855	0.1667
393	SLU 29	-0.61	0.6	39.16	-0.0642	-6.2609	0.1495
393	SLU 30	-0.59	0.67	39.07	-0.0636	-6.2396	0.1655
393	SLU 31	-0.59	0.8	41.76	-0.0674	-6.6548	0.1981
393	SLU 32	-0.63	0.7	42.74	-0.0699	-6.8151	0.1752
393	SLU 33	-0.62	0.77	42.64	-0.0693	-6.7938	0.1913
393	SLU 34	-0.6	0.81	42.28	-0.0684	-6.7337	0.2008
393	SLU 35	-0.64	0.71	43.26	-0.0709	-6.894	0.1779
393	SLU 36	-0.63	0.78	43.16	-0.0702	-6.8727	0.1939
393	SLU 37	-0.63	0.71	42.95	-0.0704	-6.8481	0.1768
393	SLU 38	-0.62	0.78	42.86	-0.0697	-6.8268	0.1928
393	SLU 39	-0.63	0.74	43.55	-0.0711	-6.9419	0.1831
393	SLU 40	-0.61	0.8	43.45	-0.0705	-6.9206	0.1991
393	SLU 41	-0.64	0.75	44.06	-0.0721	-7.0208	0.1858
393	SLU 42	-0.62	0.81	43.97	-0.0714	-6.9995	0.2018



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
393	SLU 43	-0.66	0.59	43.35	-0.0711	-6.9748	0.1462
393	SLU 44	-0.63	0.7	43.19	-0.0701	-6.9393	0.173
393	SLU 45	-0.67	0.6	44.16	-0.0726	-7.0996	0.1501
393	SLU 46	-0.66	0.67	44.07	-0.0719	-7.0783	0.1661
393	SLU 47	-0.64	0.71	43.7	-0.071	-7.0182	0.1757
393	SLU 48	-0.68	0.61	44.68	-0.0735	-7.1785	0.1528
393	SLU 49	-0.67	0.68	44.58	-0.0729	-7.1572	0.1688
393	SLU 50	-0.68	0.61	44.38	-0.073	-7.1326	0.1516
393	SLU 51	-0.66	0.67	44.28	-0.0724	-7.1113	0.1677
393	SLU 52	-0.66	0.81	46.98	-0.0762	-7.5265	0.2003
393	SLU 53	-0.7	0.71	47.95	-0.0787	-7.6868	0.1774
393	SLU 54	-0.69	0.78	47.86	-0.0781	-7.6655	0.1934
393	SLU 55	-0.67	0.82	47.49	-0.0772	-7.6054	0.203
393	SLU 56	-0.71	0.72	48.47	-0.0797	-7.7657	0.1801
393	SLU 57	-0.69	0.79	48.37	-0.079	-7.7444	0.1961
393	SLU 58	-0.7	0.72	48.17	-0.0792	-7.7198	0.1789
393	SLU 59	-0.69	0.78	48.07	-0.0786	-7.6985	0.195
393	SLU 60	-0.7	0.74	48.76	-0.0799	-7.8136	0.1852
393	SLU 61	-0.68	0.81	48.67	-0.0793	-7.7923	0.2013
393	SLU 62	-0.7	0.75	49.28	-0.0809	-7.8925	0.1879
393	SLU 63	-0.69	0.82	49.18	-0.0802	-7.8712	0.204
393	SLU 64	-0.72	0.69	47.14	-0.0772	-7.5586	0.1712
393	SLU 65	-0.7	0.8	46.98	-0.0761	-7.5232	0.198
393	SLU 66	-0.74	0.7	47.95	-0.0786	-7.6835	0.1751
393	SLU 67	-0.73	0.77	47.86	-0.0779	-7.6622	0.1911
393	SLU 68	-0.71	0.81	47.49	-0.0771	-7.6021	0.2007
393	SLU 69	-0.75	0.71	48.47	-0.0795	-7.7624	0.1778
393	SLU 70	-0.73	0.78	48.37	-0.0789	-7.7411	0.1938
393	SLU 71	-0.74	0.71	48.17	-0.0791	-7.7164	0.1766
393	SLU 72	-0.73	0.77	48.07	-0.0784	-7.6952	0.1927
393	SLU 73	-0.73	0.91	50.77	-0.0823	-8.1104	0.2253
393	SLU 74	-0.77	0.81	51.75	-0.0847	-8.2707	0.2024
393	SLU 75	-0.75	0.88	51.65	-0.0841	-8.2494	0.2184
393	SLU 76	-0.73	0.92	51.28	-0.0832	-8.1893	0.228
393	SLU 77	-0.78	0.82	52.26	-0.0857	-8.3495	0.2051
393	SLU 78	-0.76	0.89	52.16	-0.085	-8.3283	0.2211
393	SLU 79	-0.77	0.82	51.96	-0.0852	-8.3036	0.2039
393	SLU 80	-0.75	0.88	51.86	-0.0846	-8.2823	0.22
393	SLU 81	-0.76	0.84	52.55	-0.086	-8.3975	0.2102
393	SLU 82	-0.75	0.91	52.46	-0.0853	-8.3762	0.2263
393	SLU 83	-0.77	0.86	53.07	-0.0869	-8.4764	0.2129
393	SLU 84	-0.76	0.92	52.97	-0.0863	-8.4551	0.229
393	SLE RA 1	-0.54	0.51	35.43	-0.058	-5.686	0.1262
393	SLE RA 2	-0.53	0.58	35.32	-0.0573	-5.6624	0.1441
393	SLE RA 3	-0.55	0.52	35.97	-0.059	-5.7692	0.1288
393	SLE RA 4	-0.54	0.56	35.91	-0.0586	-5.755	0.1395
393	SLE RA 5	-0.53	0.59	35.66	-0.058	-5.715	0.1459
393	SLE RA 6	-0.56	0.52	36.31	-0.0596	-5.8218	0.1306
393	SLE RA 7	-0.55	0.57	36.25	-0.0592	-5.8076	0.1413
393	SLE RA 8	-0.55	0.52	36.11	-0.0593	-5.7912	0.1298
393	SLE RA 9	-0.54	0.56	36.05	-0.0589	-5.777	0.1405
393	SLE RA 10	-0.54	0.65	37.85	-0.0614	-6.0538	0.1623
393	SLE RA 11	-0.57	0.59	38.5	-0.0631	-6.1607	0.147
393	SLE RA 12	-0.56	0.63	38.43	-0.0627	-6.1465	0.1577
393	SLE RA 13	-0.55	0.66	38.19	-0.0621	-6.1064	0.164
393	SLE RA 14	-0.58	0.6	38.84	-0.0637	-6.2133	0.1488
393	SLE RA 15	-0.57	0.64	38.78	-0.0633	-6.1991	0.1595
393	SLE RA 16	-0.57	0.59	38.64	-0.0634	-6.1827	0.148
393	SLE RA 17	-0.56	0.64	38.58	-0.063	-6.1685	0.1587
393	SLE RA 18	-0.57	0.61	39.04	-0.0639	-6.2452	0.1522
393	SLE RA 19	-0.56	0.65	38.97	-0.0635	-6.2311	0.1629
393	SLE RA 20	-0.57	0.62	39.38	-0.0645	-6.2978	0.154
393	SLE RA 21	-0.56	0.66	39.32	-0.0641	-6.2837	0.1647
393	SLE FR 1	-0.54	0.51	35.43	-0.058	-5.686	0.1262
393	SLE FR 2	-0.54	0.52	35.41	-0.0579	-5.6813	0.1298
393	SLE FR 3	-0.54	0.51	35.57	-0.0583	-5.7071	0.127
393	SLE FR 4	-0.55	0.55	36.49	-0.0597	-5.8491	0.1376
393	SLE FR 5	-0.55	0.54	36.65	-0.06	-5.8748	0.1347
393	SLE FR 6	-0.56	0.56	37.23	-0.061	-5.9656	0.1392
393	SLE QP 1	-0.54	0.51	35.43	-0.058	-5.686	0.1262
393	SLE QP 2	-0.55	0.54	36.51	-0.0598	-5.8538	0.134
393	SLD 1	2.28	1.17	47.19	-0.0816	-7.4533	0.2935
393	SLD 2	2.53	0.63	46.76	-0.0792	-7.383	0.16
393	SLD 3	2.31	-0.14	46.42	-0.0773	-7.333	-0.0317
393	SLD 4	2.57	-0.68	45.99	-0.0749	-7.2628	-0.1652
393	SLD 5	0.19	2.8	40.96	-0.0733	-6.5287	0.6991
393	SLD 6	0.36	2.45	40.67	-0.0717	-6.4824	0.6112
393	SLD 7	0.32	-1.54	38.39	-0.059	-6.1277	-0.3851
393	SLD 8	0.49	-1.9	38.11	-0.0574	-6.0814	-0.473
393	SLD 9	-1.59	2.98	34.91	-0.0622	-5.6261	0.7411
393	SLD 10	-1.42	2.62	34.63	-0.0606	-5.5799	0.6532
393	SLD 11	-1.46	-1.37	32.35	-0.0479	-5.2251	-0.3432
393	SLD 12	-1.3	-1.72	32.06	-0.0463	-5.1789	-0.4311
393	SLD 13	-3.67	1.75	27.03	-0.0447	-4.4448	0.4333
393	SLD 14	-3.41	1.21	26.6	-0.0423	-4.3746	0.2998
393	SLD 15	-3.63	0.45	26.26	-0.0404	-4.3245	0.108
393	SLD 16	-3.38	-0.09	25.83	-0.038	-4.2543	-0.0255
393	SLV 1	6.06	1.95	61.48	-0.1107	-9.5941	0.4938
393	SLV 2	6.65	0.7	60.48	-0.105	-9.4306	0.1829



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
393	SLV 3	6.15	-1	59.74	-0.101	-9.3211	-0.2431
393	SLV 4	6.74	-2.26	58.73	-0.0953	-9.1575	-0.5539
393	SLV 5	1.2	5.66	46.82	-0.0908	-7.4184	1.4135
393	SLV 6	1.58	4.85	46.17	-0.0872	-7.3126	1.2124
393	SLV 7	1.49	-4.18	41.01	-0.0584	-6.5082	-1.0427
393	SLV 8	1.87	-5	40.36	-0.0547	-6.4024	-1.2439
393	SLV 9	-2.97	6.07	32.67	-0.0649	-5.3052	1.512
393	SLV 10	-2.59	5.26	32.01	-0.0612	-5.1994	1.3108
393	SLV 11	-2.68	-3.77	26.85	-0.0324	-4.3949	-0.9443
393	SLV 12	-2.3	-4.58	26.2	-0.0288	-4.2891	-1.1455
393	SLV 13	-7.84	3.33	14.29	-0.0243	-2.55	0.822
393	SLV 14	-7.25	2.08	13.28	-0.0186	-2.3865	0.5111
393	SLV 15	-7.75	0.38	12.54	-0.0146	-2.2769	0.0851
393	SLV 16	-7.16	-0.88	11.54	-0.0089	-2.1134	-0.2258
393	CRTFP Ux+	0	0	0	0	0	0
393	CRTFP Ux-	0	0	0	0	0	0
393	CRTFP Uy+	0	0	0	0	0	0
393	CRTFP Uy-	0	0	0	0	0	0
396	SLU 1	-0.9	-1.34	64.45	-0.0602	-0.3495	-0.0238
396	SLU 2	-0.85	-1.24	64.35	-0.0592	-0.3574	-0.0211
396	SLU 3	-0.93	-1.36	65.95	-0.0615	-0.3574	-0.0245
396	SLU 4	-0.89	-1.3	65.89	-0.0609	-0.3622	-0.0228
396	SLU 5	-0.86	-1.26	65.31	-0.0603	-0.3625	-0.0214
396	SLU 6	-0.94	-1.38	66.92	-0.0625	-0.3625	-0.0248
396	SLU 7	-0.91	-1.32	66.86	-0.0619	-0.3672	-0.0232
396	SLU 8	-0.93	-1.38	66.38	-0.0623	-0.3596	-0.0244
396	SLU 9	-0.9	-1.32	66.32	-0.0617	-0.3644	-0.0228
396	SLU 10	-0.89	-1.3	71.74	-0.0652	-0.4091	-0.0237
396	SLU 11	-0.97	-1.42	73.34	-0.0674	-0.409	-0.0271
396	SLU 12	-0.93	-1.36	73.28	-0.0668	-0.4138	-0.0254
396	SLU 13	-0.9	-1.32	72.71	-0.0662	-0.4142	-0.024
396	SLU 14	-0.98	-1.44	74.31	-0.0685	-0.4141	-0.0274
396	SLU 15	-0.95	-1.38	74.25	-0.0679	-0.4189	-0.0258
396	SLU 16	-0.97	-1.44	73.77	-0.0682	-0.4113	-0.027
396	SLU 17	-0.94	-1.38	73.71	-0.0676	-0.416	-0.0254
396	SLU 18	-0.96	-1.42	75.01	-0.0687	-0.4233	-0.0275
396	SLU 19	-0.93	-1.36	74.95	-0.0681	-0.428	-0.0259
396	SLU 20	-0.97	-1.44	75.97	-0.0697	-0.4283	-0.0278
396	SLU 21	-0.94	-1.38	75.91	-0.0691	-0.4331	-0.0262
396	SLU 22	-1.02	-1.36	71.38	-0.0649	-0.3845	-0.0273
396	SLU 23	-0.96	-1.26	71.28	-0.0639	-0.3925	-0.0246
396	SLU 24	-1.04	-1.38	72.89	-0.0662	-0.3924	-0.0279
396	SLU 25	-1.01	-1.32	72.83	-0.0656	-0.3972	-0.0263
396	SLU 26	-0.98	-1.28	72.25	-0.065	-0.3975	-0.0249
396	SLU 27	-1.06	-1.4	73.85	-0.0672	-0.3975	-0.0282
396	SLU 28	-1.02	-1.34	73.79	-0.0666	-0.4023	-0.0266
396	SLU 29	-1.05	-1.4	73.32	-0.067	-0.3947	-0.0279
396	SLU 30	-1.01	-1.34	73.26	-0.0664	-0.3994	-0.0263
396	SLU 31	-1	-1.31	78.68	-0.0699	-0.4441	-0.0272
396	SLU 32	-1.08	-1.44	80.28	-0.0721	-0.4441	-0.0305
396	SLU 33	-1.05	-1.38	80.22	-0.0715	-0.4489	-0.0289
396	SLU 34	-1.02	-1.34	79.64	-0.0709	-0.4492	-0.0275
396	SLU 35	-1.1	-1.46	81.25	-0.0732	-0.4492	-0.0308
396	SLU 36	-1.07	-1.4	81.19	-0.0726	-0.4539	-0.0292
396	SLU 37	-1.09	-1.46	80.71	-0.0729	-0.4463	-0.0305
396	SLU 38	-1.06	-1.4	80.65	-0.0723	-0.4511	-0.0289
396	SLU 39	-1.07	-1.44	81.94	-0.0734	-0.4583	-0.031
396	SLU 40	-1.04	-1.38	81.88	-0.0728	-0.4631	-0.0294
396	SLU 41	-1.09	-1.46	82.91	-0.0744	-0.4634	-0.0313
396	SLU 42	-1.06	-1.4	82.85	-0.0738	-0.4682	-0.0297
396	SLU 43	-1.13	-1.73	81.4	-0.0767	-0.4423	-0.0298
396	SLU 44	-1.08	-1.63	81.3	-0.0757	-0.4502	-0.0271
396	SLU 45	-1.16	-1.76	82.9	-0.078	-0.4502	-0.0304
396	SLU 46	-1.12	-1.7	82.85	-0.0774	-0.455	-0.0288
396	SLU 47	-1.09	-1.66	82.27	-0.0767	-0.4553	-0.0274
396	SLU 48	-1.17	-1.78	83.87	-0.079	-0.4553	-0.0307
396	SLU 49	-1.14	-1.72	83.81	-0.0784	-0.4601	-0.0291
396	SLU 50	-1.16	-1.78	83.34	-0.0788	-0.4524	-0.0304
396	SLU 51	-1.13	-1.72	83.28	-0.0782	-0.4572	-0.0288
396	SLU 52	-1.12	-1.69	88.69	-0.0816	-0.5019	-0.0297
396	SLU 53	-1.2	-1.81	90.3	-0.0839	-0.5019	-0.033
396	SLU 54	-1.17	-1.75	90.24	-0.0833	-0.5066	-0.0314
396	SLU 55	-1.13	-1.71	89.66	-0.0827	-0.507	-0.03
396	SLU 56	-1.21	-1.83	91.26	-0.0849	-0.5069	-0.0333
396	SLU 57	-1.18	-1.77	91.2	-0.0843	-0.5117	-0.0317
396	SLU 58	-1.2	-1.83	90.73	-0.0847	-0.5041	-0.033
396	SLU 59	-1.17	-1.77	90.67	-0.0841	-0.5089	-0.0314
396	SLU 60	-1.19	-1.81	91.96	-0.0852	-0.5161	-0.0335
396	SLU 61	-1.16	-1.75	91.9	-0.0846	-0.5209	-0.0319
396	SLU 62	-1.2	-1.84	92.93	-0.0862	-0.5212	-0.0338
396	SLU 63	-1.17	-1.78	92.87	-0.0856	-0.5259	-0.0322
396	SLU 64	-1.25	-1.75	88.34	-0.0814	-0.4773	-0.0332
396	SLU 65	-1.19	-1.65	88.24	-0.0804	-0.4853	-0.0305
396	SLU 66	-1.27	-1.77	89.84	-0.0827	-0.4853	-0.0339
396	SLU 67	-1.24	-1.71	89.78	-0.0821	-0.49	-0.0323
396	SLU 68	-1.21	-1.67	89.21	-0.0814	-0.4904	-0.0308
396	SLU 69	-1.29	-1.8	90.81	-0.0837	-0.4903	-0.0342
396	SLU 70	-1.26	-1.74	90.75	-0.0831	-0.4951	-0.0326
396	SLU 71	-1.28	-1.8	90.27	-0.0835	-0.4875	-0.0339



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
396	SLU 72	-1.24	-1.74	90.21	-0.0829	-0.4923	-0.0322
396	SLU 73	-1.23	-1.71	95.63	-0.0863	-0.537	-0.0331
396	SLU 74	-1.31	-1.83	97.23	-0.0886	-0.5369	-0.0365
396	SLU 75	-1.28	-1.77	97.17	-0.088	-0.5417	-0.0349
396	SLU 76	-1.25	-1.73	96.6	-0.0874	-0.542	-0.0334
396	SLU 77	-1.33	-1.85	98.2	-0.0896	-0.542	-0.0368
396	SLU 78	-1.3	-1.79	98.14	-0.089	-0.5468	-0.0352
396	SLU 79	-1.32	-1.85	97.67	-0.0894	-0.5391	-0.0365
396	SLU 80	-1.29	-1.79	97.61	-0.0888	-0.5439	-0.0348
396	SLU 81	-1.3	-1.83	98.9	-0.0899	-0.5511	-0.0369
396	SLU 82	-1.27	-1.77	98.84	-0.0893	-0.5559	-0.0353
396	SLU 83	-1.32	-1.85	99.87	-0.0909	-0.5562	-0.0373
396	SLU 84	-1.29	-1.79	99.81	-0.0903	-0.561	-0.0356
396	SLE RA 1	-0.93	-1.34	66.43	-0.0616	-0.3595	-0.0248
396	SLE RA 2	-0.9	-1.28	66.36	-0.0609	-0.3648	-0.023
396	SLE RA 3	-0.95	-1.36	67.43	-0.0624	-0.3648	-0.0252
396	SLE RA 4	-0.93	-1.32	67.39	-0.062	-0.3679	-0.0242
396	SLE RA 5	-0.91	-1.29	67.01	-0.0616	-0.3682	-0.0232
396	SLE RA 6	-0.96	-1.37	68.08	-0.0631	-0.3681	-0.0254
396	SLE RA 7	-0.94	-1.33	68.04	-0.0627	-0.3713	-0.0244
396	SLE RA 8	-0.95	-1.37	67.72	-0.063	-0.3662	-0.0252
396	SLE RA 9	-0.93	-1.33	67.68	-0.0626	-0.3694	-0.0241
396	SLE RA 10	-0.92	-1.32	71.29	-0.0649	-0.3992	-0.0247
396	SLE RA 11	-0.98	-1.4	72.36	-0.0664	-0.3992	-0.027
396	SLE RA 12	-0.96	-1.36	72.32	-0.0666	-0.4024	-0.0259
396	SLE RA 13	-0.93	-1.33	71.94	-0.0656	-0.4026	-0.0249
396	SLE RA 14	-0.99	-1.41	73	-0.0671	-0.4026	-0.0272
396	SLE RA 15	-0.97	-1.37	72.96	-0.0667	-0.4058	-0.0261
396	SLE RA 16	-0.98	-1.41	72.65	-0.0669	-0.4007	-0.027
396	SLE RA 17	-0.96	-1.37	72.61	-0.0665	-0.4039	-0.0259
396	SLE RA 18	-0.97	-1.4	73.47	-0.0672	-0.4087	-0.0273
396	SLE RA 19	-0.95	-1.36	73.43	-0.0668	-0.4119	-0.0262
396	SLE RA 20	-0.98	-1.41	74.11	-0.0679	-0.4121	-0.0275
396	SLE RA 21	-0.96	-1.37	74.07	-0.0675	-0.4152	-0.0264
396	SLE FR 1	-0.93	-1.34	66.43	-0.0616	-0.3595	-0.0248
396	SLE FR 2	-0.93	-1.33	66.42	-0.0615	-0.3605	-0.0244
396	SLE FR 3	-0.94	-1.35	66.69	-0.0619	-0.3608	-0.0249
396	SLE FR 4	-0.94	-1.35	68.53	-0.0631	-0.3753	-0.0252
396	SLE FR 5	-0.95	-1.37	68.8	-0.0636	-0.3756	-0.0256
396	SLE FR 6	-0.95	-1.37	69.95	-0.0644	-0.3841	-0.026
396	SLE QP 1	-0.93	-1.34	66.43	-0.0616	-0.3595	-0.0248
396	SLE QP 2	-0.94	-1.36	68.54	-0.0633	-0.3742	-0.0255
396	SLD 1	4.91	-1.15	75.17	-0.0784	-0.1686	-0.0065
396	SLD 2	5.44	-1.53	74.76	-0.076	-0.1759	0.0038
396	SLD 3	5	-2.81	74.11	-0.0698	-0.1949	-0.0047
396	SLD 4	5.53	-3.19	73.7	-0.0675	-0.2022	0.0057
396	SLD 5	0.58	1.29	72.21	-0.0811	-0.2714	-0.0245
396	SLD 6	0.93	1.04	71.94	-0.0796	-0.2762	-0.0177
396	SLD 7	0.88	-4.24	68.68	-0.0527	-0.359	-0.0183
396	SLD 8	1.23	-4.49	68.41	-0.0512	-0.3638	-0.0115
396	SLD 9	-3.12	1.77	68.67	-0.0753	-0.3847	-0.0396
396	SLD 10	-2.77	1.52	68.41	-0.0738	-0.3895	-0.0328
396	SLD 11	-2.82	-3.76	65.14	-0.0469	-0.4723	-0.0334
396	SLD 12	-2.47	-4.01	64.87	-0.0454	-0.4771	-0.0266
396	SLD 13	-7.42	0.47	63.38	-0.059	-0.5463	-0.0567
396	SLD 14	-6.89	0.08	62.97	-0.0567	-0.5536	-0.0464
396	SLD 15	-7.33	-1.19	62.32	-0.0505	-0.5725	-0.0549
396	SLD 16	-6.8	-1.57	61.91	-0.0482	-0.5799	-0.0446
396	SLV 1	12.75	-0.92	84.02	-0.0983	0.1065	0.0189
396	SLV 2	13.98	-1.82	83.07	-0.0929	0.0895	0.043
396	SLV 3	12.96	-4.68	81.61	-0.079	0.0462	0.0234
396	SLV 4	14.2	-5.57	80.67	-0.0736	0.0291	0.0475
396	SLV 5	2.63	4.63	76.99	-0.104	-0.1355	-0.0232
396	SLV 6	3.42	4.05	76.38	-0.1005	-0.1465	-0.0076
396	SLV 7	3.34	-7.91	68.98	-0.0396	-0.3367	-0.0082
396	SLV 8	4.14	-8.48	68.37	-0.0362	-0.3478	0.0074
396	SLV 9	-6.03	5.76	68.71	-0.0904	-0.4007	-0.0584
396	SLV 10	-5.23	5.18	68.1	-0.0869	-0.4117	-0.0429
396	SLV 11	-5.31	-6.77	60.7	-0.026	-0.602	-0.0434
396	SLV 12	-4.51	-7.35	60.09	-0.0226	-0.613	-0.0279
396	SLV 13	-16.09	2.85	56.41	-0.053	-0.7776	-0.0985
396	SLV 14	-14.85	1.96	55.47	-0.0476	-0.7946	-0.0745
396	SLV 15	-15.87	-0.91	54.01	-0.0337	-0.838	-0.094
396	SLV 16	-14.64	-1.8	53.07	-0.0283	-0.855	-0.07
396	CRTFP Ux+	0	0	0	0	0	0
396	CRTFP Ux-	0	0	0	0	0	0
400	SLU 1	0.6	-0.64	65.35	-0.0553	0.3873	0.0144
400	SLU 2	0.55	-0.53	65.25	-0.054	0.3956	0.0122
400	SLU 3	0.62	-0.65	66.9	-0.0565	0.3955	0.0147
400	SLU 4	0.59	-0.59	66.84	-0.0558	0.4005	0.0134
400	SLU 5	0.56	-0.55	66.22	-0.0549	0.4002	0.0123
400	SLU 6	0.62	-0.66	67.87	-0.0574	0.4001	0.0149
400	SLU 7	0.6	-0.6	67.81	-0.0567	0.405	0.0135
400	SLU 8	0.61	-0.67	67.3	-0.0571	0.3965	0.0147
400	SLU 9	0.59	-0.61	67.24	-0.0563	0.4014	0.0134
400	SLU 10	0.58	-0.52	72.89	-0.0599	0.4489	0.0132
400	SLU 11	0.64	-0.64	74.54	-0.0624	0.4489	0.0158
400	SLU 12	0.62	-0.58	74.48	-0.0617	0.4538	0.0144
400	SLU 13	0.59	-0.54	73.86	-0.0608	0.4535	0.0134



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
400	SLU 14	0.65	-0.65	75.51	-0.0633	0.4534	0.0159
400	SLU 15	0.63	-0.59	75.45	-0.0626	0.4584	0.0146
400	SLU 16	0.64	-0.66	74.94	-0.063	0.4498	0.0158
400	SLU 17	0.62	-0.6	74.88	-0.0622	0.4548	0.0144
400	SLU 18	0.64	-0.62	76.27	-0.0637	0.4636	0.0159
400	SLU 19	0.61	-0.56	76.21	-0.0629	0.4685	0.0146
400	SLU 20	0.65	-0.64	77.24	-0.0646	0.4681	0.0161
400	SLU 21	0.62	-0.57	77.18	-0.0638	0.4731	0.0147
400	SLU 22	0.69	-0.58	72.6	-0.0598	0.4217	0.0164
400	SLU 23	0.65	-0.48	72.49	-0.0585	0.4299	0.0141
400	SLU 24	0.71	-0.59	74.14	-0.0611	0.4298	0.0167
400	SLU 25	0.69	-0.53	74.08	-0.0603	0.4348	0.0153
400	SLU 26	0.66	-0.5	73.47	-0.0594	0.4345	0.0143
400	SLU 27	0.72	-0.61	75.11	-0.062	0.4344	0.0168
400	SLU 28	0.69	-0.55	75.05	-0.0612	0.4394	0.0155
400	SLU 29	0.71	-0.62	74.54	-0.0616	0.4308	0.0167
400	SLU 30	0.68	-0.55	74.48	-0.0609	0.4358	0.0153
400	SLU 31	0.68	-0.47	80.13	-0.0644	0.4833	0.0152
400	SLU 32	0.74	-0.58	81.78	-0.067	0.4832	0.0177
400	SLU 33	0.71	-0.52	81.72	-0.0662	0.4881	0.0164
400	SLU 34	0.69	-0.48	81.11	-0.0653	0.4878	0.0153
400	SLU 35	0.75	-0.6	82.76	-0.0679	0.4878	0.0179
400	SLU 36	0.72	-0.54	82.69	-0.0671	0.4927	0.0165
400	SLU 37	0.74	-0.6	82.18	-0.0675	0.4842	0.0177
400	SLU 38	0.71	-0.54	82.12	-0.0668	0.4891	0.0164
400	SLU 39	0.73	-0.57	83.51	-0.0682	0.4979	0.0179
400	SLU 40	0.71	-0.5	83.45	-0.0675	0.5028	0.0165
400	SLU 41	0.74	-0.58	84.49	-0.0691	0.5025	0.018
400	SLU 42	0.72	-0.52	84.42	-0.0684	0.5074	0.0167
400	SLU 43	0.74	-0.85	82.48	-0.0703	0.4918	0.0181
400	SLU 44	0.7	-0.74	82.37	-0.069	0.5	0.0158
400	SLU 45	0.76	-0.86	84.02	-0.0716	0.4999	0.0184
400	SLU 46	0.73	-0.8	83.96	-0.0708	0.5049	0.017
400	SLU 47	0.71	-0.76	83.35	-0.0699	0.5046	0.016
400	SLU 48	0.77	-0.87	84.99	-0.0725	0.5045	0.0186
400	SLU 49	0.74	-0.81	84.93	-0.0717	0.5095	0.0172
400	SLU 50	0.76	-0.88	84.42	-0.0721	0.5009	0.0184
400	SLU 51	0.73	-0.82	84.36	-0.0714	0.5059	0.017
400	SLU 52	0.73	-0.73	90.02	-0.0749	0.5534	0.0169
400	SLU 53	0.79	-0.85	91.66	-0.0775	0.5533	0.0194
400	SLU 54	0.76	-0.78	91.6	-0.0767	0.5582	0.0181
400	SLU 55	0.74	-0.75	90.99	-0.0758	0.5579	0.017
400	SLU 56	0.8	-0.86	92.64	-0.0784	0.5579	0.0196
400	SLU 57	0.77	-0.8	92.57	-0.0776	0.5628	0.0182
400	SLU 58	0.79	-0.87	92.06	-0.078	0.5543	0.0195
400	SLU 59	0.76	-0.81	92	-0.0773	0.5592	0.0181
400	SLU 60	0.78	-0.83	93.39	-0.0787	0.568	0.0196
400	SLU 61	0.76	-0.76	93.33	-0.078	0.5729	0.0182
400	SLU 62	0.79	-0.85	94.37	-0.0796	0.5726	0.0197
400	SLU 63	0.77	-0.78	94.3	-0.0789	0.5775	0.0184
400	SLU 64	0.84	-0.79	89.72	-0.0748	0.5261	0.02
400	SLU 65	0.8	-0.69	89.62	-0.0736	0.5343	0.0178
400	SLU 66	0.86	-0.8	91.27	-0.0761	0.5343	0.0203
400	SLU 67	0.83	-0.74	91.2	-0.0753	0.5392	0.019
400	SLU 68	0.8	-0.7	90.59	-0.0745	0.5389	0.0179
400	SLU 69	0.87	-0.82	92.24	-0.077	0.5389	0.0205
400	SLU 70	0.84	-0.76	92.17	-0.0762	0.5438	0.0191
400	SLU 71	0.86	-0.82	91.66	-0.0767	0.5353	0.0204
400	SLU 72	0.83	-0.76	91.6	-0.0759	0.5402	0.019
400	SLU 73	0.82	-0.68	97.26	-0.0795	0.5877	0.0188
400	SLU 74	0.89	-0.79	98.91	-0.082	0.5876	0.0214
400	SLU 75	0.86	-0.73	98.84	-0.0812	0.5926	0.02
400	SLU 76	0.83	-0.69	98.23	-0.0804	0.5923	0.019
400	SLU 77	0.89	-0.81	99.88	-0.0829	0.5922	0.0216
400	SLU 78	0.87	-0.75	99.82	-0.0821	0.5971	0.0202
400	SLU 79	0.88	-0.81	99.31	-0.0825	0.5886	0.0214
400	SLU 80	0.86	-0.75	99.24	-0.0818	0.5935	0.02
400	SLU 81	0.88	-0.78	100.64	-0.0833	0.6023	0.0215
400	SLU 82	0.85	-0.71	100.57	-0.0825	0.6073	0.0202
400	SLU 83	0.89	-0.79	101.61	-0.0842	0.6069	0.0217
400	SLU 84	0.86	-0.73	101.55	-0.0834	0.6118	0.0203
400	SLE RA 1	0.62	-0.62	67.42	-0.0566	0.3972	0.015
400	SLE RA 2	0.6	-0.55	67.35	-0.0557	0.4026	0.0135
400	SLE RA 3	0.64	-0.63	68.45	-0.0574	0.4026	0.0152
400	SLE RA 4	0.62	-0.59	68.41	-0.0569	0.4059	0.0143
400	SLE RA 5	0.6	-0.56	68	-0.0563	0.4057	0.0136
400	SLE RA 6	0.64	-0.64	69.1	-0.058	0.4056	0.0153
400	SLE RA 7	0.62	-0.6	69.06	-0.0575	0.4089	0.0144
400	SLE RA 8	0.64	-0.64	68.72	-0.0578	0.4033	0.0152
400	SLE RA 9	0.62	-0.6	68.68	-0.0573	0.4065	0.0143
400	SLE RA 10	0.61	-0.54	72.45	-0.0597	0.4382	0.0142
400	SLE RA 11	0.66	-0.62	73.55	-0.0613	0.4382	0.0159
400	SLE RA 12	0.64	-0.58	73.51	-0.0608	0.4415	0.015
400	SLE RA 13	0.62	-0.56	73.1	-0.0603	0.4413	0.0143
400	SLE RA 14	0.66	-0.63	74.2	-0.0619	0.4412	0.016
400	SLE RA 15	0.64	-0.59	74.15	-0.0614	0.4445	0.0151
400	SLE RA 16	0.65	-0.64	73.81	-0.0617	0.4388	0.0159
400	SLE RA 17	0.64	-0.59	73.77	-0.0612	0.4421	0.015
400	SLE RA 18	0.65	-0.61	74.7	-0.0622	0.448	0.016



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
400	SLE RA 19	0.63	-0.57	74.66	-0.0617	0.4513	0.0151
400	SLE RA 20	0.66	-0.62	75.35	-0.0628	0.451	0.0161
400	SLE RA 21	0.64	-0.58	75.31	-0.0623	0.4543	0.0152
400	SLE FR 1	0.62	-0.62	67.42	-0.0566	0.3972	0.015
400	SLE FR 2	0.62	-0.61	67.41	-0.0564	0.3983	0.0147
400	SLE FR 3	0.63	-0.63	67.68	-0.0568	0.3984	0.015
400	SLE FR 4	0.63	-0.6	69.59	-0.0581	0.4135	0.015
400	SLE FR 5	0.63	-0.62	69.87	-0.0585	0.4136	0.0153
400	SLE FR 6	0.64	-0.62	71.06	-0.0594	0.4226	0.0155
400	SLE QP 1	0.62	-0.62	67.42	-0.0566	0.3972	0.015
400	SLE QP 2	0.63	-0.62	69.61	-0.0583	0.4124	0.0153
400	SLD 1	6.81	0.69	63.93	-0.0462	0.5205	0.0446
400	SLD 2	7.35	1.1	64.4	-0.0484	0.5122	0.0542
400	SLD 3	6.69	-1	62.87	-0.039	0.5471	0.0427
400	SLD 4	7.22	-0.59	63.34	-0.0412	0.5389	0.0524
400	SLD 5	2.58	2.28	69.43	-0.0652	0.4058	0.0251
400	SLD 6	2.93	2.55	69.74	-0.0667	0.4004	0.0315
400	SLD 7	2.16	-3.38	65.89	-0.0411	0.4948	0.019
400	SLD 8	2.52	-3.11	66.2	-0.0425	0.4893	0.0253
400	SLD 9	-1.25	1.87	73.02	-0.074	0.3355	0.0052
400	SLD 10	-0.9	2.15	73.33	-0.0754	0.33	0.0116
400	SLD 11	-1.67	-3.78	69.47	-0.0498	0.4244	-0.001
400	SLD 12	-1.31	-3.51	69.78	-0.0513	0.419	0.0054
400	SLD 13	-5.96	-0.64	75.88	-0.0754	0.2859	-0.0218
400	SLD 14	-5.42	-0.23	76.35	-0.0776	0.2777	-0.0122
400	SLD 15	-6.08	-2.34	74.81	-0.0681	0.3126	-0.0237
400	SLD 16	-5.55	-1.93	75.28	-0.0703	0.3043	-0.014
400	SLV 1	15.09	2.39	56.29	-0.0298	0.666	0.0839
400	SLV 2	16.34	3.35	57.38	-0.0349	0.6469	0.1064
400	SLV 3	14.8	-1.46	53.87	-0.0134	0.7269	0.0794
400	SLV 4	16.05	-0.5	54.97	-0.0185	0.7077	0.102
400	SLV 5	5.18	5.95	69.08	-0.0737	0.3995	0.0387
400	SLV 6	6	6.57	69.79	-0.0771	0.3871	0.0533
400	SLV 7	4.23	-6.87	61.04	-0.019	0.6024	0.0238
400	SLV 8	5.04	-6.25	61.75	-0.0223	0.59	0.0384
400	SLV 9	-3.78	5.01	77.47	-0.0942	0.2348	-0.0079
400	SLV 10	-2.97	5.63	78.17	-0.0975	0.2224	0.0067
400	SLV 11	-4.73	-7.81	69.43	-0.0395	0.4377	-0.0228
400	SLV 12	-3.92	-7.19	70.14	-0.0428	0.4253	-0.0082
400	SLV 13	-14.79	-0.74	84.25	-0.098	0.117	-0.0714
400	SLV 14	-13.53	0.22	85.34	-0.1032	0.0979	-0.0489
400	SLV 15	-15.07	-4.58	81.84	-0.0816	0.1779	-0.0759
400	SLV 16	-13.82	-3.63	82.93	-0.0867	0.1588	-0.0533
400	CRTFP Ux+	0	0	0	0	0	0
400	CRTFP Ux-	0	0	0	0	0	0
400	CRTFP Uy+	0	0	0	0	0	0
400	CRTFP Uy-	0	0	0	0	0	0
401	SLU 1	0.44	0.38	38.38	-0.0614	9.4326	-0.1339
401	SLU 2	0.42	0.5	38.22	-0.0602	9.3807	-0.1739
401	SLU 3	0.45	0.39	39.31	-0.063	9.6511	-0.1354
401	SLU 4	0.44	0.46	39.21	-0.0624	9.6199	-0.1595
401	SLU 5	0.43	0.5	38.8	-0.0613	9.5179	-0.1735
401	SLU 6	0.46	0.38	39.89	-0.0641	9.7883	-0.135
401	SLU 7	0.45	0.45	39.79	-0.0634	9.7571	-0.159
401	SLU 8	0.45	0.38	39.55	-0.0635	9.707	-0.133
401	SLU 9	0.44	0.45	39.45	-0.0628	9.6759	-0.157
401	SLU 10	0.44	0.61	42.49	-0.0673	10.3997	-0.214
401	SLU 11	0.47	0.5	43.58	-0.0701	10.6701	-0.1755
401	SLU 12	0.46	0.57	43.48	-0.0694	10.6389	-0.1996
401	SLU 13	0.45	0.61	43.07	-0.0683	10.5369	-0.2135
401	SLU 14	0.48	0.5	44.17	-0.0711	10.8073	-0.1751
401	SLU 15	0.47	0.57	44.07	-0.0704	10.7761	-0.1991
401	SLU 16	0.47	0.49	43.82	-0.0706	10.7261	-0.1731
401	SLU 17	0.46	0.56	43.72	-0.0699	10.6949	-0.1971
401	SLU 18	0.46	0.55	44.49	-0.0714	10.8884	-0.1911
401	SLU 19	0.45	0.61	44.39	-0.0707	10.8572	-0.2152
401	SLU 20	0.47	0.54	45.07	-0.0725	11.0256	-0.1907
401	SLU 21	0.46	0.61	44.97	-0.0718	10.9944	-0.2147
401	SLU 22	0.5	0.48	42.63	-0.0682	10.4401	-0.1687
401	SLU 23	0.48	0.6	42.46	-0.0671	10.3881	-0.2088
401	SLU 24	0.51	0.49	43.55	-0.0699	10.6585	-0.1703
401	SLU 25	0.5	0.56	43.45	-0.0692	10.6274	-0.1943
401	SLU 26	0.49	0.6	43.04	-0.0681	10.5253	-0.2083
401	SLU 27	0.52	0.48	44.14	-0.0709	10.7957	-0.1698
401	SLU 28	0.51	0.55	44.04	-0.0702	10.7646	-0.1939
401	SLU 29	0.51	0.48	43.79	-0.0704	10.7145	-0.1678
401	SLU 30	0.5	0.55	43.69	-0.0697	10.6833	-0.1918
401	SLU 31	0.5	0.71	46.74	-0.0741	11.4072	-0.2489
401	SLU 32	0.53	0.6	47.83	-0.0769	11.6775	-0.2104
401	SLU 33	0.52	0.67	47.73	-0.0762	11.6464	-0.2344
401	SLU 34	0.51	0.71	47.32	-0.0752	11.5444	-0.2484
401	SLU 35	0.54	0.6	48.41	-0.078	11.8148	-0.2099
401	SLU 36	0.53	0.67	48.31	-0.0773	11.7836	-0.234
401	SLU 37	0.53	0.59	48.06	-0.0774	11.7335	-0.2079
401	SLU 38	0.52	0.66	47.97	-0.0767	11.7024	-0.2319
401	SLU 39	0.52	0.65	48.73	-0.0783	11.8958	-0.226
401	SLU 40	0.51	0.71	48.63	-0.0776	11.8647	-0.25
401	SLU 41	0.53	0.64	49.31	-0.0793	12.033	-0.2256
401	SLU 42	0.52	0.71	49.22	-0.0786	12.0019	-0.2496



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
401	SLU 43	0.55	0.46	48.44	-0.0775	11.917	-0.1621
401	SLU 44	0.54	0.58	48.28	-0.0763	11.8651	-0.2021
401	SLU 45	0.57	0.47	49.37	-0.0791	12.1355	-0.1636
401	SLU 46	0.56	0.54	49.27	-0.0784	12.1043	-0.1877
401	SLU 47	0.54	0.58	48.86	-0.0774	12.0023	-0.2017
401	SLU 48	0.57	0.47	49.95	-0.0802	12.2727	-0.1632
401	SLU 49	0.56	0.53	49.85	-0.0795	12.2415	-0.1872
401	SLU 50	0.56	0.46	49.6	-0.0796	12.1914	-0.1612
401	SLU 51	0.56	0.53	49.51	-0.0789	12.1603	-0.1852
401	SLU 52	0.55	0.69	52.55	-0.0834	12.8841	-0.2422
401	SLU 53	0.58	0.58	53.64	-0.0861	13.1545	-0.2037
401	SLU 54	0.57	0.65	53.54	-0.0855	13.1233	-0.2278
401	SLU 55	0.56	0.69	53.13	-0.0844	13.0213	-0.2418
401	SLU 56	0.59	0.58	54.22	-0.0872	13.2917	-0.2033
401	SLU 57	0.58	0.65	54.13	-0.0865	13.2605	-0.2273
401	SLU 58	0.58	0.57	53.88	-0.0866	13.2105	-0.2013
401	SLU 59	0.57	0.64	53.78	-0.086	13.1793	-0.2253
401	SLU 60	0.57	0.63	54.55	-0.0875	13.3728	-0.2193
401	SLU 61	0.57	0.69	54.45	-0.0868	13.3416	-0.2434
401	SLU 62	0.58	0.62	55.13	-0.0886	13.51	-0.2189
401	SLU 63	0.57	0.69	55.03	-0.0879	13.4788	-0.2429
401	SLU 64	0.61	0.56	52.68	-0.0843	12.9245	-0.1969
401	SLU 65	0.6	0.68	52.52	-0.0831	12.8725	-0.237
401	SLU 66	0.62	0.57	53.61	-0.0859	13.1429	-0.1985
401	SLU 67	0.62	0.64	53.51	-0.0853	13.1117	-0.2225
401	SLU 68	0.6	0.68	53.1	-0.0842	13.0097	-0.2365
401	SLU 69	0.63	0.57	54.19	-0.087	13.2801	-0.198
401	SLU 70	0.62	0.63	54.1	-0.0863	13.2489	-0.2221
401	SLU 71	0.62	0.56	53.85	-0.0864	13.1989	-0.196
401	SLU 72	0.62	0.63	53.75	-0.0857	13.1677	-0.2201
401	SLU 73	0.61	0.79	56.79	-0.0902	13.8915	-0.2771
401	SLU 74	0.64	0.68	57.89	-0.093	14.1619	-0.2386
401	SLU 75	0.63	0.75	57.79	-0.0923	14.1308	-0.2626
401	SLU 76	0.62	0.79	57.38	-0.0912	14.0288	-0.2766
401	SLU 77	0.65	0.68	58.47	-0.094	14.2991	-0.2381
401	SLU 78	0.64	0.75	58.37	-0.0933	14.268	-0.2622
401	SLU 79	0.64	0.67	58.12	-0.0935	14.2179	-0.2361
401	SLU 80	0.63	0.74	58.03	-0.0928	14.1867	-0.2602
401	SLU 81	0.63	0.73	58.79	-0.0943	14.3802	-0.2542
401	SLU 82	0.62	0.79	58.69	-0.0936	14.349	-0.2782
401	SLU 83	0.64	0.72	59.37	-0.0954	14.5174	-0.2538
401	SLU 84	0.63	0.79	59.27	-0.0947	14.4863	-0.2778
401	SLE RA 1	0.46	0.41	39.59	-0.0633	9.7205	-0.1438
401	SLE RA 2	0.45	0.49	39.48	-0.0626	9.6858	-0.1705
401	SLE RA 3	0.47	0.41	40.21	-0.0644	9.8661	-0.1449
401	SLE RA 4	0.46	0.46	40.15	-0.064	9.8453	-0.1609
401	SLE RA 5	0.45	0.49	39.87	-0.0633	9.7773	-0.1702
401	SLE RA 6	0.47	0.41	40.6	-0.0652	9.9576	-0.1446
401	SLE RA 7	0.46	0.46	40.53	-0.0647	9.9368	-0.1606
401	SLE RA 8	0.47	0.41	40.37	-0.0648	9.9034	-0.1432
401	SLE RA 9	0.46	0.45	40.3	-0.0643	9.8826	-0.1592
401	SLE RA 10	0.46	0.56	42.33	-0.0673	10.3652	-0.1972
401	SLE RA 11	0.48	0.49	43.06	-0.0691	10.5455	-0.1716
401	SLE RA 12	0.47	0.54	43	-0.0687	10.5247	-0.1876
401	SLE RA 13	0.46	0.56	42.72	-0.068	10.4567	-0.1969
401	SLE RA 14	0.48	0.49	43.45	-0.0698	10.6369	-0.1713
401	SLE RA 15	0.47	0.53	43.38	-0.0694	10.6162	-0.1873
401	SLE RA 16	0.48	0.48	43.22	-0.0695	10.5828	-0.17
401	SLE RA 17	0.47	0.53	43.15	-0.069	10.562	-0.186
401	SLE RA 18	0.47	0.52	43.66	-0.07	10.691	-0.182
401	SLE RA 19	0.47	0.57	43.6	-0.0696	10.6702	-0.198
401	SLE RA 20	0.48	0.52	44.05	-0.0707	10.7824	-0.1817
401	SLE RA 21	0.47	0.56	43.99	-0.0703	10.7617	-0.1977
401	SLE FR 1	0.46	0.41	39.59	-0.0633	9.7205	-0.1438
401	SLE FR 2	0.46	0.43	39.57	-0.0632	9.7135	-0.1492
401	SLE FR 3	0.46	0.41	39.75	-0.0636	9.7571	-0.1437
401	SLE FR 4	0.46	0.46	40.79	-0.0652	10.0047	-0.1606
401	SLE FR 5	0.46	0.44	40.97	-0.0656	10.0482	-0.1552
401	SLE FR 6	0.46	0.46	41.63	-0.0667	10.2057	-0.1629
401	SLE QP 1	0.46	0.41	39.59	-0.0633	9.7205	-0.1438
401	SLE QP 2	0.46	0.44	40.81	-0.0654	10.0116	-0.1553
401	SLD 1	4.01	1.03	29.74	-0.0455	7.4902	-0.3608
401	SLD 2	4.31	1.66	30.25	-0.0484	7.6139	-0.5805
401	SLD 3	3.93	-0.4	28.91	-0.0403	7.2942	0.1387
401	SLD 4	4.24	0.23	29.42	-0.0432	7.4178	-0.081
401	SLD 5	1.59	2.67	38.67	-0.0668	9.5304	-0.9351
401	SLD 6	1.79	3.09	39.01	-0.0687	9.6118	-1.0798
401	SLD 7	1.33	-2.09	35.88	-0.0494	8.8769	0.7299
401	SLD 8	1.53	-1.67	36.22	-0.0513	8.9583	0.5852
401	SLD 9	-0.61	2.56	45.41	-0.0794	11.0649	-0.8957
401	SLD 10	-0.4	2.98	45.75	-0.0813	11.1464	-1.0404
401	SLD 11	-0.87	-2.2	42.62	-0.062	10.4114	0.7692
401	SLD 12	-0.67	-1.79	42.96	-0.0639	10.4929	0.6245
401	SLD 13	-3.31	0.65	52.21	-0.0875	12.6054	-0.2295
401	SLD 14	-3.01	1.28	52.72	-0.0904	12.7291	-0.4493
401	SLD 15	-3.39	-0.78	51.38	-0.0823	12.4094	0.27
401	SLD 16	-3.08	-0.14	51.89	-0.0852	12.533	0.0502
401	SLV 1	8.76	1.77	14.87	-0.0186	4.1025	-0.6193
401	SLV 2	9.47	3.24	16.06	-0.0254	4.3905	-1.131



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
401	SLV 3	8.58	-1.47	12.97	-0.0068	3.657	0.513
401	SLV 4	9.29	0	14.16	-0.0136	3.945	0.0013
401	SLV 5	3.1	5.5	35.71	-0.0681	8.8646	-1.923
401	SLV 6	3.56	6.45	36.48	-0.0724	9.051	-2.2541
401	SLV 7	2.5	-5.3	29.37	-0.0287	7.3795	1.8513
401	SLV 8	2.96	-4.35	30.14	-0.0331	7.5659	1.5202
401	SLV 9	-2.04	5.23	51.49	-0.0976	12.4573	-1.8307
401	SLV 10	-1.58	6.18	52.26	-0.102	12.6437	-2.1618
401	SLV 11	-2.64	-5.56	45.15	-0.0583	10.9723	1.9435
401	SLV 12	-2.17	-4.61	45.92	-0.0626	11.1586	1.6124
401	SLV 13	-8.37	0.88	67.47	-0.1171	16.0783	-0.3118
401	SLV 14	-7.65	2.36	68.66	-0.1239	16.3663	-0.8235
401	SLV 15	-8.55	-2.35	65.57	-0.1053	15.6328	0.8204
401	SLV 16	-7.83	-0.88	66.76	-0.1121	15.9208	0.3088
401	CRTFP Ux+	0	0	0	0	0	0
401	CRTFP Ux-	0	0	0	0	0	0
401	CRTFP Uy+	0	0	0	0	0	0
401	CRTFP Uy-	0	0	0	0	0	0
404	SLU 1	0.28	-0.21	38.77	-0.0228	11.256	0.0755
404	SLU 2	0.25	-0.16	38.84	-0.0231	11.2796	0.0579
404	SLU 3	0.29	-0.2	39.69	-0.0234	11.5187	0.0731
404	SLU 4	0.27	-0.17	39.73	-0.0235	11.5328	0.0625
404	SLU 5	0.26	-0.16	39.42	-0.0236	11.4432	0.0587
404	SLU 6	0.29	-0.21	40.26	-0.0239	11.6822	0.0739
404	SLU 7	0.27	-0.18	40.31	-0.0241	11.6964	0.0634
404	SLU 8	0.29	-0.21	39.92	-0.0238	11.5831	0.0771
404	SLU 9	0.27	-0.18	39.96	-0.024	11.5973	0.0666
404	SLU 10	0.27	-0.11	43.71	-0.0248	12.6788	0.0416
404	SLU 11	0.31	-0.16	44.56	-0.0251	12.9179	0.0567
404	SLU 12	0.29	-0.13	44.61	-0.0252	12.9321	0.0462
404	SLU 13	0.28	-0.12	44.29	-0.0253	12.8424	0.0424
404	SLU 14	0.31	-0.16	45.14	-0.0256	13.0815	0.0576
404	SLU 15	0.3	-0.13	45.18	-0.0258	13.0957	0.047
404	SLU 16	0.31	-0.17	44.79	-0.0256	12.9824	0.0608
404	SLU 17	0.29	-0.14	44.84	-0.0257	12.9965	0.0502
404	SLU 18	0.31	-0.14	45.73	-0.0252	13.2549	0.0522
404	SLU 19	0.29	-0.11	45.77	-0.0254	13.2691	0.0416
404	SLU 20	0.31	-0.15	46.3	-0.0258	13.4185	0.053
404	SLU 21	0.3	-0.12	46.35	-0.0259	13.4326	0.0424
404	SLU 22	0.32	-0.13	42.93	-0.0243	12.4416	0.0477
404	SLU 23	0.3	-0.08	43.01	-0.0245	12.4653	0.0302
404	SLU 24	0.33	-0.12	43.86	-0.0248	12.7043	0.0453
404	SLU 25	0.32	-0.09	43.9	-0.025	12.7185	0.0348
404	SLU 26	0.3	-0.08	43.59	-0.0251	12.6288	0.031
404	SLU 27	0.34	-0.13	44.43	-0.0254	12.8679	0.0461
404	SLU 28	0.32	-0.1	44.48	-0.0255	12.8821	0.0356
404	SLU 29	0.33	-0.13	44.09	-0.0253	12.7688	0.0494
404	SLU 30	0.32	-0.1	44.13	-0.0255	12.783	0.0388
404	SLU 31	0.32	-0.03	47.88	-0.0262	13.8645	0.0138
404	SLU 32	0.35	-0.08	48.73	-0.0265	14.1036	0.029
404	SLU 33	0.34	-0.05	48.77	-0.0267	14.1178	0.0185
404	SLU 34	0.33	-0.04	48.46	-0.0268	14.0281	0.0147
404	SLU 35	0.36	-0.08	49.3	-0.0271	14.2672	0.0298
404	SLU 36	0.34	-0.05	49.35	-0.0272	14.2813	0.0193
404	SLU 37	0.35	-0.09	48.96	-0.027	14.1681	0.033
404	SLU 38	0.34	-0.06	49	-0.0272	14.1822	0.0225
404	SLU 39	0.36	-0.06	49.89	-0.0267	14.4406	0.0244
404	SLU 40	0.34	-0.03	49.94	-0.0269	14.4547	0.0139
404	SLU 41	0.36	-0.07	50.47	-0.0272	14.6041	0.0252
404	SLU 42	0.34	-0.04	50.52	-0.0274	14.6183	0.0147
404	SLU 43	0.35	-0.3	48.97	-0.0291	14.2262	0.1077
404	SLU 44	0.32	-0.25	49.04	-0.0294	14.2498	0.0901
404	SLU 45	0.35	-0.29	49.89	-0.0297	14.4889	0.1052
404	SLU 46	0.34	-0.26	49.94	-0.0298	14.5031	0.0947
404	SLU 47	0.32	-0.25	49.62	-0.0299	14.4134	0.0909
404	SLU 48	0.36	-0.3	50.47	-0.0302	14.6525	0.1061
404	SLU 49	0.34	-0.27	50.51	-0.0304	14.6667	0.0955
404	SLU 50	0.35	-0.31	50.12	-0.0302	14.5534	0.1093
404	SLU 51	0.34	-0.28	50.16	-0.0303	14.5676	0.0988
404	SLU 52	0.34	-0.2	53.92	-0.0311	15.6491	0.0738
404	SLU 53	0.38	-0.25	54.76	-0.0314	15.8882	0.0889
404	SLU 54	0.36	-0.22	54.81	-0.0316	15.9023	0.0784
404	SLU 55	0.35	-0.21	54.49	-0.0316	15.8127	0.0746
404	SLU 56	0.38	-0.25	55.34	-0.0319	16.0518	0.0897
404	SLU 57	0.36	-0.22	55.38	-0.0321	16.0659	0.0792
404	SLU 58	0.37	-0.26	54.99	-0.0319	15.9526	0.093
404	SLU 59	0.36	-0.23	55.04	-0.0321	15.9668	0.0824
404	SLU 60	0.38	-0.23	55.93	-0.0315	16.2251	0.0843
404	SLU 61	0.36	-0.2	55.97	-0.0317	16.2393	0.0738
404	SLU 62	0.38	-0.24	56.5	-0.0321	16.3887	0.0851
404	SLU 63	0.37	-0.21	56.55	-0.0323	16.4029	0.0746
404	SLU 64	0.39	-0.22	53.14	-0.0306	15.4119	0.0799
404	SLU 65	0.37	-0.17	53.21	-0.0309	15.4355	0.0623
404	SLU 66	0.4	-0.21	54.06	-0.0312	15.6746	0.0775
404	SLU 67	0.38	-0.18	54.1	-0.0313	15.6888	0.067
404	SLU 68	0.37	-0.17	53.79	-0.0314	15.5991	0.0632
404	SLU 69	0.4	-0.22	54.63	-0.0317	15.8382	0.0783
404	SLU 70	0.39	-0.19	54.68	-0.0319	15.8524	0.0678
404	SLU 71	0.4	-0.23	54.29	-0.0317	15.7391	0.0815



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
404	SLU 72	0.38	-0.2	54.33	-0.0318	15.7532	0.071
404	SLU 73	0.39	-0.12	58.08	-0.0326	16.8348	0.046
404	SLU 74	0.42	-0.17	58.93	-0.0329	17.0738	0.0612
404	SLU 75	0.41	-0.14	58.98	-0.033	17.088	0.0506
404	SLU 76	0.39	-0.13	58.66	-0.0331	16.9984	0.0468
404	SLU 77	0.43	-0.17	59.5	-0.0334	17.2374	0.062
404	SLU 78	0.41	-0.14	59.55	-0.0336	17.2516	0.0514
404	SLU 79	0.42	-0.18	59.16	-0.0334	17.1383	0.0652
404	SLU 80	0.41	-0.15	59.2	-0.0335	17.1525	0.0547
404	SLU 81	0.42	-0.15	60.09	-0.033	17.4108	0.0566
404	SLU 82	0.41	-0.12	60.14	-0.0332	17.425	0.046
404	SLU 83	0.43	-0.16	60.67	-0.0336	17.5744	0.0574
404	SLU 84	0.41	-0.13	60.72	-0.0337	17.5886	0.0468
404	SLE RA 1	0.29	-0.19	39.96	-0.0232	11.5947	0.0676
404	SLE RA 2	0.27	-0.15	40.01	-0.0234	11.6105	0.0559
404	SLE RA 3	0.3	-0.18	40.57	-0.0236	11.7699	0.066
404	SLE RA 4	0.29	-0.16	40.6	-0.0237	11.7793	0.0589
404	SLE RA 5	0.28	-0.16	40.39	-0.0237	11.7195	0.0564
404	SLE RA 6	0.3	-0.18	40.96	-0.0239	11.8789	0.0665
404	SLE RA 7	0.29	-0.16	40.99	-0.024	11.8884	0.0595
404	SLE RA 8	0.3	-0.19	40.73	-0.0239	11.8128	0.0687
404	SLE RA 9	0.29	-0.17	40.76	-0.024	11.8223	0.0616
404	SLE RA 10	0.29	-0.12	43.26	-0.0245	12.5433	0.045
404	SLE RA 11	0.31	-0.15	43.82	-0.0247	12.7027	0.0551
404	SLE RA 12	0.3	-0.13	43.85	-0.0248	12.7121	0.048
404	SLE RA 13	0.29	-0.12	43.64	-0.0249	12.6524	0.0455
404	SLE RA 14	0.31	-0.15	44.2	-0.0251	12.8117	0.0556
404	SLE RA 15	0.3	-0.13	44.23	-0.0252	12.8212	0.0486
404	SLE RA 16	0.31	-0.16	43.97	-0.0251	12.7457	0.0578
404	SLE RA 17	0.3	-0.14	44	-0.0252	12.7551	0.0507
404	SLE RA 18	0.31	-0.14	44.6	-0.0248	12.9273	0.052
404	SLE RA 19	0.3	-0.12	44.63	-0.0249	12.9368	0.045
404	SLE RA 20	0.31	-0.14	44.98	-0.0252	13.0364	0.0526
404	SLE RA 21	0.3	-0.12	45.01	-0.0253	13.0458	0.0455
404	SLE FR 1	0.29	-0.19	39.96	-0.0232	11.5947	0.0676
404	SLE FR 2	0.29	-0.18	39.97	-0.0232	11.5979	0.0652
404	SLE FR 3	0.29	-0.19	40.11	-0.0233	11.6383	0.0678
404	SLE FR 4	0.29	-0.17	41.36	-0.0237	11.9977	0.0606
404	SLE FR 5	0.3	-0.17	41.5	-0.0238	12.0381	0.0631
404	SLE FR 6	0.3	-0.17	42.28	-0.024	12.261	0.0598
404	SLE QP 1	0.29	-0.19	39.96	-0.0232	11.5947	0.0676
404	SLE QP 2	0.3	-0.17	41.35	-0.0237	11.9945	0.0629
404	SLD 1	3.99	0.29	41.75	-0.0253	12.1649	-0.0915
404	SLD 2	4.3	0.32	41.82	-0.0255	12.1794	-0.1011
404	SLD 3	3.92	-0.87	41.22	-0.02	12.0138	0.3118
404	SLD 4	4.23	-0.84	41.29	-0.0203	12.0282	0.3022
404	SLD 5	1.46	1.71	42.27	-0.0321	12.2723	-0.5934
404	SLD 6	1.67	1.73	42.31	-0.0322	12.2818	-0.5997
404	SLD 7	1.21	-2.14	40.49	-0.0146	11.7684	0.751
404	SLD 8	1.42	-2.12	40.53	-0.0147	11.7779	0.7447
404	SLD 9	-0.82	1.77	42.16	-0.0326	12.2111	-0.6189
404	SLD 10	-0.62	1.79	42.21	-0.0328	12.2206	-0.6252
404	SLD 11	-1.07	-2.08	40.38	-0.0151	11.7072	0.7255
404	SLD 12	-0.87	-2.06	40.43	-0.0153	11.7167	0.7192
404	SLD 13	-3.63	0.49	41.41	-0.0271	11.9608	-0.1764
404	SLD 14	-3.32	0.52	41.48	-0.0274	11.9752	-0.186
404	SLD 15	-3.71	-0.67	40.88	-0.0219	11.8096	0.2269
404	SLD 16	-3.39	-0.63	40.95	-0.0221	11.8241	0.2173
404	SLV 1	8.94	0.86	42.27	-0.0272	12.3882	-0.2838
404	SLV 2	9.66	0.93	42.44	-0.0277	12.4219	-0.3062
404	SLV 3	8.76	-1.75	41.06	-0.0153	12.0449	0.6304
404	SLV 4	9.49	-1.68	41.23	-0.0159	12.0786	0.608
404	SLV 5	3.02	4.09	43.44	-0.0426	12.6274	-1.4238
404	SLV 6	3.49	4.14	43.54	-0.043	12.6492	-1.4383
404	SLV 7	2.45	-4.63	39.4	-0.0031	11.4831	1.6236
404	SLV 8	2.92	-4.58	39.5	-0.0034	11.5049	1.6091
404	SLV 9	-2.33	4.23	43.2	-0.0439	12.4841	-1.4833
404	SLV 10	-1.86	4.28	43.3	-0.0443	12.5059	-1.4978
404	SLV 11	-2.9	-4.48	39.16	-0.0044	11.3398	1.5641
404	SLV 12	-2.43	-4.44	39.26	-0.0047	11.3616	1.5496
404	SLV 13	-8.89	1.33	41.47	-0.0315	11.9104	-0.4822
404	SLV 14	-8.17	1.41	41.64	-0.0321	11.9441	-0.5046
404	SLV 15	-9.07	-1.28	40.26	-0.0196	11.5672	0.432
404	SLV 16	-8.34	-1.21	40.43	-0.0202	11.6008	0.4096
404	CRTFP Ux+	0	0	0	0	0	0
404	CRTFP Ux-	0	0	0	0	0	0
404	CRTFP Uy+	0	0	0	0	0	0
404	CRTFP Uy-	0	0	0	0	0	0
407	SLU 1	-0.52	0.48	32.95	-0.0334	-4.6158	0.1189
407	SLU 2	-0.48	0.58	32.81	-0.0325	-4.5885	0.1458
407	SLU 3	-0.53	0.49	33.73	-0.0342	-4.7176	0.1227
407	SLU 4	-0.51	0.56	33.65	-0.0337	-4.7012	0.1388
407	SLU 5	-0.49	0.59	33.3	-0.0331	-4.6525	0.1485
407	SLU 6	-0.54	0.5	34.22	-0.0348	-4.7816	0.1254
407	SLU 7	-0.52	0.57	34.14	-0.0342	-4.7652	0.1415
407	SLU 8	-0.53	0.5	33.93	-0.0345	-4.7438	0.1243
407	SLU 9	-0.51	0.56	33.85	-0.034	-4.7274	0.1404
407	SLU 10	-0.51	0.69	36.46	-0.0359	-5.0741	0.1731
407	SLU 11	-0.56	0.6	37.37	-0.0376	-5.2032	0.15



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
407	SLU 12	-0.54	0.66	37.29	-0.0371	-5.1868	0.1661
407	SLU 13	-0.52	0.7	36.95	-0.0364	-5.1381	0.1758
407	SLU 14	-0.56	0.61	37.86	-0.0382	-5.2671	0.1527
407	SLU 15	-0.55	0.68	37.78	-0.0376	-5.2507	0.1688
407	SLU 16	-0.56	0.61	37.57	-0.0379	-5.2294	0.1516
407	SLU 17	-0.54	0.67	37.49	-0.0374	-5.213	0.1677
407	SLU 18	-0.55	0.63	38.15	-0.0382	-5.3095	0.1579
407	SLU 19	-0.53	0.7	38.07	-0.0377	-5.2931	0.174
407	SLU 20	-0.56	0.64	38.64	-0.0388	-5.3735	0.1606
407	SLU 21	-0.54	0.71	38.56	-0.0382	-5.3571	0.1767
407	SLU 22	-0.58	0.58	36.59	-0.0367	-5.0981	0.1438
407	SLU 23	-0.55	0.68	36.46	-0.0357	-5.0708	0.1707
407	SLU 24	-0.59	0.59	37.37	-0.0375	-5.1999	0.1476
407	SLU 25	-0.57	0.66	37.29	-0.0369	-5.1835	0.1638
407	SLU 26	-0.56	0.69	36.95	-0.0363	-5.1348	0.1734
407	SLU 27	-0.6	0.6	37.86	-0.0381	-5.2639	0.1503
407	SLU 28	-0.58	0.67	37.78	-0.0375	-5.2475	0.1665
407	SLU 29	-0.6	0.6	37.57	-0.0378	-5.2261	0.1492
407	SLU 30	-0.58	0.66	37.49	-0.0373	-5.2097	0.1654
407	SLU 31	-0.57	0.79	40.1	-0.0391	-5.5564	0.198
407	SLU 32	-0.62	0.7	41.01	-0.0409	-5.6854	0.1749
407	SLU 33	-0.6	0.77	40.93	-0.0403	-5.6691	0.1911
407	SLU 34	-0.58	0.8	40.59	-0.0397	-5.6203	0.2007
407	SLU 35	-0.63	0.71	41.5	-0.0414	-5.7494	0.1776
407	SLU 36	-0.61	0.78	41.42	-0.0409	-5.733	0.1938
407	SLU 37	-0.62	0.71	41.21	-0.0412	-5.7116	0.1765
407	SLU 38	-0.6	0.77	41.13	-0.0406	-5.6953	0.1927
407	SLU 39	-0.61	0.73	41.79	-0.0415	-5.7918	0.1828
407	SLU 40	-0.6	0.8	41.71	-0.0409	-5.7754	0.199
407	SLU 41	-0.62	0.74	42.28	-0.0421	-5.8558	0.1855
407	SLU 42	-0.6	0.81	42.2	-0.0415	-5.8394	0.2017
407	SLU 43	-0.65	0.58	41.58	-0.0423	-5.8352	0.146
407	SLU 44	-0.62	0.69	41.45	-0.0414	-5.8079	0.1729
407	SLU 45	-0.66	0.6	42.36	-0.0431	-5.937	0.1498
407	SLU 46	-0.64	0.66	42.28	-0.0426	-5.9206	0.1659
407	SLU 47	-0.63	0.7	41.94	-0.0419	-5.8719	0.1756
407	SLU 48	-0.67	0.61	42.85	-0.0437	-6.001	0.1525
407	SLU 49	-0.65	0.67	42.77	-0.0431	-5.9846	0.1686
407	SLU 50	-0.67	0.61	42.56	-0.0434	-5.9632	0.1514
407	SLU 51	-0.65	0.67	42.48	-0.0429	-5.9468	0.1675
407	SLU 52	-0.64	0.8	45.09	-0.0448	-6.2935	0.2002
407	SLU 53	-0.69	0.71	46	-0.0465	-6.4225	0.1771
407	SLU 54	-0.67	0.77	45.92	-0.0459	-6.4061	0.1932
407	SLU 55	-0.65	0.81	45.58	-0.0453	-6.3574	0.2029
407	SLU 56	-0.7	0.72	46.49	-0.0471	-6.4865	0.1798
407	SLU 57	-0.68	0.78	46.41	-0.0465	-6.4701	0.1959
407	SLU 58	-0.69	0.71	46.2	-0.0468	-6.4487	0.1787
407	SLU 59	-0.67	0.78	46.12	-0.0463	-6.4324	0.1948
407	SLU 60	-0.69	0.74	46.78	-0.0471	-6.5289	0.185
407	SLU 61	-0.67	0.8	46.7	-0.0466	-6.5125	0.2011
407	SLU 62	-0.69	0.75	47.27	-0.0477	-6.5929	0.1877
407	SLU 63	-0.68	0.82	47.19	-0.0471	-6.5765	0.2038
407	SLU 64	-0.71	0.68	45.23	-0.0455	-6.3175	0.1709
407	SLU 65	-0.68	0.79	45.09	-0.0446	-6.2902	0.1978
407	SLU 66	-0.73	0.7	46.01	-0.0464	-6.4193	0.1747
407	SLU 67	-0.71	0.76	45.93	-0.0458	-6.4029	0.1909
407	SLU 68	-0.69	0.8	45.58	-0.0452	-6.3542	0.2005
407	SLU 69	-0.73	0.71	46.5	-0.047	-6.4832	0.1774
407	SLU 70	-0.72	0.77	46.42	-0.0464	-6.4669	0.1936
407	SLU 71	-0.73	0.71	46.21	-0.0467	-6.4455	0.1763
407	SLU 72	-0.71	0.77	46.13	-0.0462	-6.4291	0.1925
407	SLU 73	-0.71	0.9	48.73	-0.048	-6.7758	0.2251
407	SLU 74	-0.75	0.81	49.65	-0.0498	-6.9048	0.202
407	SLU 75	-0.73	0.87	49.57	-0.0492	-6.8884	0.2182
407	SLU 76	-0.71	0.91	49.23	-0.0486	-6.8397	0.2278
407	SLU 77	-0.76	0.82	50.14	-0.0503	-6.9688	0.2047
407	SLU 78	-0.74	0.88	50.06	-0.0498	-6.9524	0.2209
407	SLU 79	-0.75	0.81	49.85	-0.0501	-6.931	0.2036
407	SLU 80	-0.74	0.88	49.77	-0.0495	-6.9146	0.2198
407	SLU 81	-0.75	0.84	50.43	-0.0504	-7.0112	0.2099
407	SLU 82	-0.73	0.9	50.35	-0.0498	-6.9948	0.2261
407	SLU 83	-0.76	0.85	50.92	-0.051	-7.0752	0.2126
407	SLU 84	-0.74	0.92	50.84	-0.0504	-7.0588	0.2288
407	SLE RA 1	-0.53	0.5	33.99	-0.0343	-4.7536	0.126
407	SLE RA 2	-0.51	0.58	33.9	-0.0337	-4.7354	0.1439
407	SLE RA 3	-0.54	0.51	34.51	-0.0349	-4.8215	0.1285
407	SLE RA 4	-0.53	0.56	34.45	-0.0345	-4.8105	0.1393
407	SLE RA 5	-0.52	0.58	34.23	-0.0341	-4.7781	0.1457
407	SLE RA 6	-0.55	0.52	34.83	-0.0353	-4.8641	0.1303
407	SLE RA 7	-0.54	0.56	34.78	-0.0349	-4.8532	0.1411
407	SLE RA 8	-0.54	0.52	34.64	-0.0351	-4.8389	0.1296
407	SLE RA 9	-0.53	0.56	34.59	-0.0347	-4.828	0.1403
407	SLE RA 10	-0.53	0.65	36.33	-0.036	-5.0591	0.1621
407	SLE RA 11	-0.56	0.59	36.94	-0.0371	-5.1452	0.1467
407	SLE RA 12	-0.55	0.63	36.88	-0.0368	-5.1342	0.1575
407	SLE RA 13	-0.54	0.66	36.65	-0.0364	-5.1018	0.1639
407	SLE RA 14	-0.57	0.59	37.26	-0.0375	-5.1878	0.1485
407	SLE RA 15	-0.55	0.64	37.21	-0.0371	-5.1769	0.1593
407	SLE RA 16	-0.56	0.59	37.07	-0.0373	-5.1626	0.1478



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
407	SLE RA 17	-0.55	0.63	37.02	-0.037	-5.1517	0.1586
407	SLE RA 18	-0.56	0.61	37.46	-0.0375	-5.2161	0.152
407	SLE RA 19	-0.55	0.65	37.4	-0.0372	-5.2051	0.1628
407	SLE RA 20	-0.56	0.62	37.78	-0.0379	-5.2587	0.1538
407	SLE RA 21	-0.55	0.66	37.73	-0.0376	-5.2478	0.1646
407	SLE FR 1	-0.53	0.5	33.99	-0.0343	-4.7536	0.126
407	SLE FR 2	-0.53	0.52	33.97	-0.0342	-4.75	0.1296
407	SLE FR 3	-0.54	0.51	34.12	-0.0345	-4.7707	0.1267
407	SLE FR 4	-0.54	0.55	35.01	-0.0352	-4.8887	0.1374
407	SLE FR 5	-0.54	0.54	35.16	-0.0354	-4.9094	0.1345
407	SLE FR 6	-0.55	0.56	35.72	-0.0359	-4.9849	0.139
407	SLE QP 1	-0.53	0.5	33.99	-0.0343	-4.7536	0.126
407	SLE QP 2	-0.54	0.54	35.03	-0.0353	-4.8924	0.1338
407	SLD 1	2.17	1.17	45.14	-0.0498	-6.1838	0.2945
407	SLD 2	2.39	0.63	44.78	-0.0476	-6.1357	0.1606
407	SLD 3	2.2	-0.14	44.5	-0.046	-6.1024	-0.0322
407	SLD 4	2.42	-0.68	44.14	-0.0438	-6.0544	-0.1661
407	SLD 5	0.19	2.8	39.1	-0.0458	-5.4118	0.7015
407	SLD 6	0.33	2.45	38.87	-0.0444	-5.3802	0.6134
407	SLD 7	0.29	-1.55	36.96	-0.0331	-5.1406	-0.3876
407	SLD 8	0.44	-1.91	36.72	-0.0317	-5.1089	-0.4757
407	SLD 9	-1.52	2.98	33.34	-0.0389	-4.6758	0.7433
407	SLD 10	-1.37	2.62	33.1	-0.0375	-4.6441	0.6551
407	SLD 11	-1.41	-1.38	31.19	-0.0262	-4.4046	-0.3458
407	SLD 12	-1.27	-1.73	30.95	-0.0248	-4.3729	-0.434
407	SLD 13	-3.5	1.75	25.92	-0.0268	-3.7304	0.4337
407	SLD 14	-3.28	1.21	25.56	-0.0246	-3.6823	0.2998
407	SLD 15	-3.47	0.44	25.28	-0.023	-3.649	0.1069
407	SLD 16	-3.25	-0.1	24.92	-0.0208	-3.6009	-0.0269
407	SLV 1	5.8	1.96	58.68	-0.069	-7.9131	0.4963
407	SLV 2	6.31	0.7	57.84	-0.064	-7.8011	0.1847
407	SLV 3	5.88	-1	57.22	-0.0604	-7.7282	-0.2438
407	SLV 4	6.39	-2.26	56.38	-0.0554	-7.6163	-0.5555
407	SLV 5	1.16	5.67	44.48	-0.0594	-6.0984	1.4192
407	SLV 6	1.49	4.86	43.94	-0.0561	-6.0259	1.2176
407	SLV 7	1.41	-4.2	39.62	-0.0306	-5.4822	-1.048
407	SLV 8	1.74	-5.01	39.07	-0.0274	-5.4097	-1.2497
407	SLV 9	-2.82	6.08	30.98	-0.0432	-4.375	1.5173
407	SLV 10	-2.49	5.27	30.44	-0.04	-4.3026	1.3156
407	SLV 11	-2.57	-3.79	26.11	-0.0144	-3.7588	-0.95
407	SLV 12	-2.24	-4.6	25.57	-0.0112	-3.6863	-1.1517
407	SLV 13	-7.47	3.33	13.67	-0.0152	-2.1685	0.8231
407	SLV 14	-6.96	2.07	12.84	-0.0102	-2.0565	0.5114
407	SLV 15	-7.39	0.37	12.21	-0.0066	-1.9836	0.0829
407	SLV 16	-6.88	-0.89	11.38	-0.0015	-1.8717	-0.2288
407	CRTFP Ux+	0	0	0	0	0	0
407	CRTFP Ux-	0	0	0	0	0	0
407	CRTFP Uy+	0	0	0	0	0	0
407	CRTFP Uy-	0	0	0	0	0	0
410	SLU 1	-0.79	-1.31	62.86	-0.0424	-0.3203	-0.0172
410	SLU 2	-0.75	-1.21	62.79	-0.0416	-0.3275	-0.0149
410	SLU 3	-0.82	-1.33	64.33	-0.0432	-0.3277	-0.0177
410	SLU 4	-0.79	-1.27	64.29	-0.0427	-0.332	-0.0164
410	SLU 5	-0.77	-1.23	63.73	-0.0424	-0.3321	-0.0151
410	SLU 6	-0.83	-1.35	65.27	-0.044	-0.3324	-0.0179
410	SLU 7	-0.81	-1.29	65.23	-0.0435	-0.3367	-0.0166
410	SLU 8	-0.82	-1.35	64.74	-0.0439	-0.3296	-0.0176
410	SLU 9	-0.8	-1.29	64.7	-0.0434	-0.3339	-0.0163
410	SLU 10	-0.78	-1.26	70.03	-0.0451	-0.376	-0.0169
410	SLU 11	-0.85	-1.38	71.58	-0.0468	-0.3762	-0.0197
410	SLU 12	-0.82	-1.32	71.53	-0.0463	-0.3805	-0.0183
410	SLU 13	-0.8	-1.28	70.97	-0.0459	-0.3806	-0.0171
410	SLU 14	-0.86	-1.4	72.52	-0.0475	-0.3809	-0.0199
410	SLU 15	-0.84	-1.34	72.47	-0.047	-0.3852	-0.0185
410	SLU 16	-0.85	-1.4	71.98	-0.0474	-0.3781	-0.0196
410	SLU 17	-0.83	-1.34	71.94	-0.047	-0.3824	-0.0182
410	SLU 18	-0.83	-1.38	73.21	-0.0474	-0.3896	-0.02
410	SLU 19	-0.81	-1.32	73.17	-0.047	-0.3939	-0.0186
410	SLU 20	-0.85	-1.4	74.15	-0.0482	-0.3943	-0.0202
410	SLU 21	-0.82	-1.34	74.11	-0.0477	-0.3986	-0.0188
410	SLU 22	-0.89	-1.32	69.69	-0.0449	-0.3527	-0.0202
410	SLU 23	-0.85	-1.22	69.61	-0.0441	-0.3599	-0.0179
410	SLU 24	-0.91	-1.34	71.16	-0.0457	-0.3601	-0.0207
410	SLU 25	-0.89	-1.28	71.11	-0.0453	-0.3644	-0.0194
410	SLU 26	-0.86	-1.24	70.55	-0.0449	-0.3645	-0.0181
410	SLU 27	-0.93	-1.36	72.1	-0.0465	-0.3648	-0.021
410	SLU 28	-0.9	-1.3	72.05	-0.046	-0.3691	-0.0196
410	SLU 29	-0.92	-1.36	71.56	-0.0464	-0.362	-0.0207
410	SLU 30	-0.9	-1.3	71.52	-0.046	-0.3663	-0.0193
410	SLU 31	-0.88	-1.27	76.86	-0.0476	-0.4084	-0.0199
410	SLU 32	-0.94	-1.39	78.4	-0.0493	-0.4086	-0.0227
410	SLU 33	-0.92	-1.33	78.36	-0.0488	-0.4129	-0.0213
410	SLU 34	-0.89	-1.3	77.8	-0.0484	-0.413	-0.0201
410	SLU 35	-0.96	-1.42	79.34	-0.05	-0.4133	-0.0229
410	SLU 36	-0.93	-1.36	79.3	-0.0495	-0.4176	-0.0215
410	SLU 37	-0.95	-1.42	78.81	-0.05	-0.4105	-0.0226
410	SLU 38	-0.92	-1.36	78.77	-0.0495	-0.4148	-0.0212
410	SLU 39	-0.93	-1.4	80.04	-0.05	-0.422	-0.023
410	SLU 40	-0.91	-1.34	79.99	-0.0495	-0.4263	-0.0216



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
410	SLU 41	-0.95	-1.42	80.98	-0.0507	-0.4266	-0.0232
410	SLU 42	-0.92	-1.36	80.93	-0.0502	-0.4309	-0.0219
410	SLU 43	-1	-1.69	79.38	-0.0543	-0.4053	-0.0213
410	SLU 44	-0.96	-1.59	79.31	-0.0535	-0.4125	-0.019
410	SLU 45	-1.02	-1.71	80.85	-0.0551	-0.4127	-0.0219
410	SLU 46	-1	-1.65	80.8	-0.0546	-0.417	-0.0205
410	SLU 47	-0.97	-1.61	80.24	-0.0542	-0.4171	-0.0192
410	SLU 48	-1.04	-1.73	81.79	-0.0558	-0.4174	-0.0221
410	SLU 49	-1.01	-1.67	81.74	-0.0554	-0.4217	-0.0207
410	SLU 50	-1.03	-1.73	81.26	-0.0558	-0.4146	-0.0218
410	SLU 51	-1	-1.67	81.21	-0.0553	-0.4189	-0.0204
410	SLU 52	-0.99	-1.65	86.55	-0.057	-0.461	-0.021
410	SLU 53	-1.05	-1.77	88.09	-0.0586	-0.4612	-0.0238
410	SLU 54	-1.03	-1.71	88.05	-0.0581	-0.4655	-0.0224
410	SLU 55	-1	-1.67	87.49	-0.0577	-0.4656	-0.0212
410	SLU 56	-1.06	-1.79	89.03	-0.0594	-0.4659	-0.024
410	SLU 57	-1.04	-1.73	88.99	-0.0589	-0.4702	-0.0227
410	SLU 58	-1.06	-1.79	88.5	-0.0593	-0.4631	-0.0237
410	SLU 59	-1.03	-1.73	88.46	-0.0588	-0.4674	-0.0223
410	SLU 60	-1.04	-1.77	89.73	-0.0593	-0.4746	-0.0241
410	SLU 61	-1.01	-1.71	89.69	-0.0588	-0.4789	-0.0228
410	SLU 62	-1.05	-1.79	90.67	-0.0601	-0.4793	-0.0244
410	SLU 63	-1.03	-1.73	90.62	-0.0596	-0.4836	-0.023
410	SLU 64	-1.1	-1.71	86.2	-0.0568	-0.4377	-0.0243
410	SLU 65	-1.06	-1.61	86.13	-0.056	-0.4449	-0.022
410	SLU 66	-1.12	-1.73	87.67	-0.0576	-0.4451	-0.0249
410	SLU 67	-1.09	-1.67	87.63	-0.0571	-0.4494	-0.0235
410	SLU 68	-1.07	-1.63	87.07	-0.0567	-0.4495	-0.0223
410	SLU 69	-1.13	-1.75	88.61	-0.0584	-0.4498	-0.0251
410	SLU 70	-1.11	-1.69	88.57	-0.0579	-0.4541	-0.0237
410	SLU 71	-1.12	-1.75	88.08	-0.0583	-0.447	-0.0248
410	SLU 72	-1.1	-1.69	88.04	-0.0578	-0.4513	-0.0234
410	SLU 73	-1.08	-1.66	93.38	-0.0595	-0.4934	-0.024
410	SLU 74	-1.15	-1.78	94.92	-0.0611	-0.4936	-0.0268
410	SLU 75	-1.12	-1.72	94.88	-0.0606	-0.4979	-0.0255
410	SLU 76	-1.1	-1.68	94.32	-0.0603	-0.498	-0.0242
410	SLU 77	-1.16	-1.8	95.86	-0.0619	-0.4983	-0.0271
410	SLU 78	-1.14	-1.74	95.82	-0.0614	-0.5026	-0.0257
410	SLU 79	-1.15	-1.8	95.33	-0.0618	-0.4955	-0.0267
410	SLU 80	-1.13	-1.74	95.29	-0.0613	-0.4998	-0.0254
410	SLU 81	-1.14	-1.78	96.55	-0.0618	-0.507	-0.0271
410	SLU 82	-1.11	-1.72	96.51	-0.0613	-0.5113	-0.0258
410	SLU 83	-1.15	-1.8	97.49	-0.0626	-0.5116	-0.0274
410	SLU 84	-1.13	-1.74	97.45	-0.0621	-0.5159	-0.026
410	SLE RA 1	-0.82	-1.31	64.81	-0.0431	-0.3296	-0.0181
410	SLE RA 2	-0.79	-1.24	64.76	-0.0426	-0.3344	-0.0165
410	SLE RA 3	-0.84	-1.32	65.79	-0.0437	-0.3345	-0.0184
410	SLE RA 4	-0.82	-1.28	65.76	-0.0434	-0.3374	-0.0175
410	SLE RA 5	-0.8	-1.26	65.39	-0.0431	-0.3375	-0.0167
410	SLE RA 6	-0.85	-1.34	66.42	-0.0442	-0.3376	-0.0186
410	SLE RA 7	-0.83	-1.3	66.39	-0.0439	-0.3405	-0.0176
410	SLE RA 8	-0.84	-1.34	66.06	-0.0441	-0.3358	-0.0184
410	SLE RA 9	-0.82	-1.3	66.03	-0.0438	-0.3386	-0.0174
410	SLE RA 10	-0.81	-1.28	69.59	-0.0449	-0.3667	-0.0178
410	SLE RA 11	-0.86	-1.36	70.62	-0.046	-0.3669	-0.0197
410	SLE RA 12	-0.84	-1.32	70.59	-0.0457	-0.3697	-0.0188
410	SLE RA 13	-0.82	-1.29	70.22	-0.0454	-0.3698	-0.018
410	SLE RA 14	-0.87	-1.37	71.25	-0.0465	-0.37	-0.0199
410	SLE RA 15	-0.85	-1.33	71.22	-0.0462	-0.3728	-0.0189
410	SLE RA 16	-0.86	-1.37	70.89	-0.0465	-0.3681	-0.0197
410	SLE RA 17	-0.84	-1.33	70.86	-0.0462	-0.371	-0.0187
410	SLE RA 18	-0.85	-1.36	71.71	-0.0465	-0.3758	-0.0199
410	SLE RA 19	-0.83	-1.32	71.68	-0.0462	-0.3786	-0.019
410	SLE RA 20	-0.86	-1.37	72.34	-0.047	-0.3789	-0.0201
410	SLE RA 21	-0.84	-1.33	72.31	-0.0467	-0.3817	-0.0192
410	SLE FR 1	-0.82	-1.31	64.81	-0.0431	-0.3296	-0.0181
410	SLE FR 2	-0.82	-1.3	64.8	-0.043	-0.3306	-0.0178
410	SLE FR 3	-0.83	-1.32	65.06	-0.0433	-0.3308	-0.0181
410	SLE FR 4	-0.82	-1.31	66.87	-0.044	-0.3444	-0.0183
410	SLE FR 5	-0.83	-1.33	67.13	-0.0443	-0.3447	-0.0187
410	SLE FR 6	-0.84	-1.34	68.26	-0.0448	-0.3527	-0.019
410	SLE QP 1	-0.82	-1.31	64.81	-0.0431	-0.3296	-0.0181
410	SLE QP 2	-0.83	-1.33	66.88	-0.0441	-0.3435	-0.0186
410	SLD 1	4.9	-1.1	73.1	-0.0563	-0.1388	0.005
410	SLD 2	5.37	-1.48	72.76	-0.0541	-0.1457	0.0168
410	SLD 3	4.99	-2.76	72.29	-0.0484	-0.1667	0.0071
410	SLD 4	5.46	-3.14	71.96	-0.0462	-0.1736	0.0189
410	SLD 5	0.68	1.33	70.03	-0.0602	-0.2385	-0.0169
410	SLD 6	0.99	1.08	69.81	-0.0588	-0.243	-0.0091
410	SLD 7	0.96	-4.21	67.34	-0.0337	-0.3316	-0.0098
410	SLD 8	1.27	-4.46	67.12	-0.0323	-0.3361	-0.002
410	SLD 9	-2.93	1.8	66.64	-0.056	-0.3508	-0.0352
410	SLD 10	-2.62	1.55	66.42	-0.0545	-0.3553	-0.0275
410	SLD 11	-2.65	-3.73	63.95	-0.0295	-0.4439	-0.0281
410	SLD 12	-2.34	-3.98	63.73	-0.028	-0.4485	-0.0204
410	SLD 13	-7.12	0.49	61.8	-0.0421	-0.5133	-0.0562
410	SLD 14	-6.65	0.11	61.47	-0.0399	-0.5202	-0.0444
410	SLD 15	-7.03	-1.17	61	-0.0341	-0.5412	-0.0541
410	SLD 16	-6.56	-1.56	60.66	-0.0319	-0.5481	-0.0422



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
410	SLV 1	12.58	-0.85	81.41	-0.0724	0.135	0.0366
410	SLV 2	13.68	-1.74	80.62	-0.0673	0.1189	0.0642
410	SLV 3	12.78	-4.62	79.58	-0.0544	0.0709	0.0416
410	SLV 4	13.88	-5.5	78.8	-0.0493	0.0548	0.0692
410	SLV 5	2.71	4.68	74.14	-0.0808	-0.0999	-0.0145
410	SLV 6	3.42	4.1	73.64	-0.0775	-0.1103	0.0034
410	SLV 7	3.36	-7.87	68.06	-0.0208	-0.3136	0.0023
410	SLV 8	4.07	-8.44	67.55	-0.0175	-0.324	0.0201
410	SLV 9	-5.73	5.79	66.21	-0.0708	-0.3629	-0.0574
410	SLV 10	-5.02	5.21	65.7	-0.0675	-0.3733	-0.0395
410	SLV 11	-5.07	-6.76	60.12	-0.0108	-0.5766	-0.0406
410	SLV 12	-4.37	-7.33	59.62	-0.0075	-0.587	-0.0228
410	SLV 13	-15.54	2.85	54.96	-0.039	-0.7417	-0.1064
410	SLV 14	-14.44	1.96	54.18	-0.0339	-0.7578	-0.0789
410	SLV 15	-15.34	-0.91	53.13	-0.021	-0.8058	-0.1014
410	SLV 16	-14.24	-1.8	52.35	-0.0159	-0.8219	-0.0739
410	CRTFP Ux+	0	0	0	0	0	0
410	CRTFP Ux-	0	0	0	0	0	0
414	SLU 1	0.54	-0.61	63.9	-0.0389	0.3518	0.0072
414	SLU 2	0.51	-0.5	63.83	-0.0379	0.3592	0.0053
414	SLU 3	0.56	-0.62	65.41	-0.0398	0.3592	0.0074
414	SLU 4	0.54	-0.55	65.37	-0.0392	0.3637	0.0062
414	SLU 5	0.52	-0.52	64.78	-0.0385	0.3632	0.0054
414	SLU 6	0.57	-0.63	66.36	-0.0404	0.3632	0.0074
414	SLU 7	0.55	-0.57	66.32	-0.0398	0.3676	0.0063
414	SLU 8	0.56	-0.64	65.8	-0.0402	0.3597	0.0073
414	SLU 9	0.54	-0.57	65.76	-0.0396	0.3642	0.0062
414	SLU 10	0.54	-0.49	71.33	-0.0416	0.4082	0.0057
414	SLU 11	0.58	-0.6	72.91	-0.0435	0.4082	0.0077
414	SLU 12	0.57	-0.54	72.86	-0.0429	0.4126	0.0066
414	SLU 13	0.54	-0.5	72.27	-0.0423	0.4122	0.0057
414	SLU 14	0.59	-0.62	73.85	-0.0442	0.4121	0.0078
414	SLU 15	0.57	-0.56	73.81	-0.0436	0.4166	0.0067
414	SLU 16	0.58	-0.62	73.29	-0.044	0.4087	0.0077
414	SLU 17	0.56	-0.56	73.25	-0.0434	0.4131	0.0065
414	SLU 18	0.58	-0.58	74.6	-0.0443	0.4217	0.0077
414	SLU 19	0.56	-0.52	74.56	-0.0437	0.4262	0.0066
414	SLU 20	0.59	-0.6	75.55	-0.0449	0.4257	0.0078
414	SLU 21	0.57	-0.54	75.51	-0.0443	0.4302	0.0067
414	SLU 22	0.63	-0.55	71.03	-0.0415	0.3816	0.0087
414	SLU 23	0.6	-0.45	70.97	-0.0405	0.389	0.0069
414	SLU 24	0.65	-0.56	72.55	-0.0424	0.389	0.0089
414	SLU 25	0.63	-0.5	72.5	-0.0418	0.3934	0.0078
414	SLU 26	0.61	-0.46	71.91	-0.0412	0.3929	0.0069
414	SLU 27	0.65	-0.58	73.49	-0.0431	0.3929	0.009
414	SLU 28	0.64	-0.51	73.45	-0.0424	0.3974	0.0079
414	SLU 29	0.65	-0.58	72.93	-0.0429	0.3895	0.0088
414	SLU 30	0.63	-0.52	72.89	-0.0422	0.3939	0.0077
414	SLU 31	0.62	-0.43	78.46	-0.0443	0.4379	0.0073
414	SLU 32	0.67	-0.55	80.04	-0.0462	0.4379	0.0093
414	SLU 33	0.65	-0.48	80	-0.0455	0.4424	0.0082
414	SLU 34	0.63	-0.45	79.41	-0.0449	0.4419	0.0073
414	SLU 35	0.68	-0.56	80.99	-0.0468	0.4419	0.0094
414	SLU 36	0.66	-0.5	80.95	-0.0462	0.4463	0.0083
414	SLU 37	0.67	-0.57	80.42	-0.0466	0.4384	0.0092
414	SLU 38	0.65	-0.5	80.38	-0.046	0.4429	0.0081
414	SLU 39	0.67	-0.53	81.74	-0.0469	0.4515	0.0093
414	SLU 40	0.65	-0.47	81.7	-0.0463	0.456	0.0082
414	SLU 41	0.67	-0.54	82.69	-0.0476	0.4555	0.0093
414	SLU 42	0.65	-0.48	82.64	-0.0469	0.4599	0.0082
414	SLU 43	0.68	-0.81	80.62	-0.0497	0.4472	0.0088
414	SLU 44	0.64	-0.7	80.56	-0.0487	0.4546	0.0069
414	SLU 45	0.69	-0.82	82.14	-0.0506	0.4546	0.009
414	SLU 46	0.67	-0.76	82.1	-0.05	0.459	0.0079
414	SLU 47	0.65	-0.72	81.51	-0.0493	0.4585	0.007
414	SLU 48	0.7	-0.83	83.08	-0.0512	0.4585	0.009
414	SLU 49	0.68	-0.77	83.04	-0.0506	0.463	0.0079
414	SLU 50	0.69	-0.84	82.52	-0.051	0.4551	0.0089
414	SLU 51	0.67	-0.78	82.48	-0.0504	0.4595	0.0078
414	SLU 52	0.67	-0.69	88.05	-0.0524	0.5035	0.0073
414	SLU 53	0.72	-0.8	89.63	-0.0543	0.5035	0.0094
414	SLU 54	0.7	-0.74	89.59	-0.0537	0.508	0.0082
414	SLU 55	0.68	-0.7	89	-0.0531	0.5075	0.0074
414	SLU 56	0.73	-0.82	90.58	-0.055	0.5075	0.0094
414	SLU 57	0.71	-0.76	90.54	-0.0544	0.5119	0.0083
414	SLU 58	0.72	-0.82	90.01	-0.0548	0.504	0.0093
414	SLU 59	0.7	-0.76	89.97	-0.0541	0.5085	0.0082
414	SLU 60	0.71	-0.79	91.33	-0.0551	0.5171	0.0093
414	SLU 61	0.69	-0.72	91.29	-0.0545	0.5215	0.0082
414	SLU 62	0.72	-0.8	92.28	-0.0557	0.521	0.0094
414	SLU 63	0.7	-0.74	92.24	-0.0551	0.5255	0.0083
414	SLU 64	0.76	-0.75	87.76	-0.0523	0.4769	0.0103
414	SLU 65	0.73	-0.65	87.69	-0.0513	0.4843	0.0085
414	SLU 66	0.78	-0.76	89.27	-0.0532	0.4843	0.0105
414	SLU 67	0.76	-0.7	89.23	-0.0526	0.4888	0.0094
414	SLU 68	0.74	-0.66	88.64	-0.0519	0.4883	0.0085
414	SLU 69	0.79	-0.78	90.22	-0.0538	0.4883	0.0106
414	SLU 70	0.77	-0.71	90.18	-0.0532	0.4927	0.0095
414	SLU 71	0.78	-0.78	89.65	-0.0536	0.4848	0.0105



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
414	SLU 72	0.76	-0.72	89.61	-0.053	0.4893	0.0093
414	SLU 73	0.76	-0.63	95.18	-0.055	0.5333	0.0089
414	SLU 74	0.81	-0.75	96.76	-0.0569	0.5333	0.0109
414	SLU 75	0.79	-0.68	96.72	-0.0563	0.5377	0.0098
414	SLU 76	0.76	-0.65	96.13	-0.0557	0.5372	0.0089
414	SLU 77	0.81	-0.76	97.71	-0.0576	0.5372	0.011
414	SLU 78	0.79	-0.7	97.67	-0.057	0.5417	0.0099
414	SLU 79	0.8	-0.77	97.15	-0.0574	0.5338	0.0108
414	SLU 80	0.78	-0.7	97.11	-0.0568	0.5382	0.0097
414	SLU 81	0.8	-0.73	98.46	-0.0577	0.5468	0.0109
414	SLU 82	0.78	-0.67	98.42	-0.0571	0.5513	0.0098
414	SLU 83	0.81	-0.75	99.41	-0.0583	0.5508	0.011
414	SLU 84	0.79	-0.68	99.37	-0.0577	0.5553	0.0098
414	SLE RA 1	0.57	-0.59	65.94	-0.0397	0.3603	0.0076
414	SLE RA 2	0.55	-0.52	65.89	-0.039	0.3653	0.0064
414	SLE RA 3	0.58	-0.6	66.95	-0.0403	0.3652	0.0077
414	SLE RA 4	0.57	-0.56	66.92	-0.0398	0.3682	0.007
414	SLE RA 5	0.55	-0.53	66.53	-0.0394	0.3679	0.0064
414	SLE RA 6	0.58	-0.61	67.58	-0.0407	0.3679	0.0078
414	SLE RA 7	0.57	-0.57	67.55	-0.0403	0.3709	0.007
414	SLE RA 8	0.58	-0.61	67.2	-0.0406	0.3656	0.0077
414	SLE RA 9	0.56	-0.57	67.18	-0.0401	0.3686	0.0069
414	SLE RA 10	0.56	-0.51	70.89	-0.0415	0.3979	0.0066
414	SLE RA 11	0.6	-0.59	71.94	-0.0428	0.3979	0.008
414	SLE RA 12	0.58	-0.55	71.91	-0.0423	0.4009	0.0073
414	SLE RA 13	0.57	-0.52	71.52	-0.0419	0.4005	0.0067
414	SLE RA 14	0.6	-0.6	72.57	-0.0432	0.4005	0.008
414	SLE RA 15	0.59	-0.56	72.55	-0.0428	0.4035	0.0073
414	SLE RA 16	0.59	-0.6	72.2	-0.0431	0.3982	0.0079
414	SLE RA 17	0.58	-0.56	72.17	-0.0426	0.4012	0.0072
414	SLE RA 18	0.59	-0.58	73.07	-0.0433	0.4069	0.008
414	SLE RA 19	0.58	-0.53	73.05	-0.0428	0.4099	0.0072
414	SLE RA 20	0.6	-0.59	73.71	-0.0437	0.4096	0.008
414	SLE RA 21	0.58	-0.54	73.68	-0.0433	0.4125	0.0073
414	SLE FR 1	0.57	-0.59	65.94	-0.0397	0.3603	0.0076
414	SLE FR 2	0.56	-0.58	65.93	-0.0395	0.3613	0.0074
414	SLE FR 3	0.57	-0.59	66.19	-0.0399	0.3614	0.0076
414	SLE FR 4	0.57	-0.57	68.07	-0.0406	0.3753	0.0075
414	SLE FR 5	0.58	-0.59	68.33	-0.0409	0.3754	0.0077
414	SLE FR 6	0.58	-0.58	69.51	-0.0415	0.3836	0.0078
414	SLE QP 1	0.57	-0.59	65.94	-0.0397	0.3603	0.0076
414	SLE QP 2	0.58	-0.59	68.08	-0.0408	0.3743	0.0077
414	SLD 1	6.57	0.7	62.73	-0.0314	0.4699	0.0455
414	SLD 2	7.05	1.11	63.14	-0.0335	0.462	0.0567
414	SLD 3	6.45	-0.99	61.89	-0.0247	0.4985	0.0434
414	SLD 4	6.93	-0.58	62.29	-0.0268	0.4905	0.0547
414	SLD 5	2.46	2.3	67.69	-0.0477	0.3611	0.0201
414	SLD 6	2.78	2.57	67.95	-0.0491	0.3559	0.0275
414	SLD 7	2.08	-3.36	64.86	-0.0254	0.4563	0.0134
414	SLD 8	2.39	-3.09	65.13	-0.0268	0.451	0.0208
414	SLD 9	-1.24	1.92	71.03	-0.0547	0.2976	-0.0053
414	SLD 10	-0.93	2.19	71.29	-0.0561	0.2923	0.0021
414	SLD 11	-1.63	-3.75	68.2	-0.0324	0.3927	-0.012
414	SLD 12	-1.31	-3.47	68.47	-0.0338	0.3875	-0.0046
414	SLD 13	-5.78	-0.59	73.87	-0.0547	0.2581	-0.0392
414	SLD 14	-5.3	-0.18	74.27	-0.0568	0.2501	-0.028
414	SLD 15	-5.9	-2.29	73.02	-0.048	0.2866	-0.0412
414	SLD 16	-5.42	-1.88	73.42	-0.0501	0.2787	-0.03
414	SLV 1	14.59	2.37	55.54	-0.0187	0.5989	0.096
414	SLV 2	15.72	3.33	56.48	-0.0235	0.5803	0.1222
414	SLV 3	14.33	-1.48	53.62	-0.0035	0.6639	0.0913
414	SLV 4	15.45	-0.52	54.56	-0.0084	0.6454	0.1175
414	SLV 5	4.99	5.98	67.07	-0.0563	0.3462	0.0369
414	SLV 6	5.71	6.59	67.68	-0.0594	0.3342	0.0538
414	SLV 7	4.11	-6.86	60.66	-0.0057	0.5631	0.021
414	SLV 8	4.83	-6.24	61.27	-0.0089	0.5511	0.038
414	SLV 9	-3.68	5.07	74.89	-0.0726	0.1975	-0.0225
414	SLV 10	-2.96	5.69	75.5	-0.0758	0.1855	-0.0056
414	SLV 11	-4.56	-7.76	68.48	-0.0221	0.4144	-0.0384
414	SLV 12	-3.84	-7.15	69.08	-0.0252	0.4024	-0.0214
414	SLV 13	-14.3	-0.65	81.6	-0.0731	0.1032	-0.102
414	SLV 14	-13.18	0.31	82.54	-0.078	0.0847	-0.0758
414	SLV 15	-14.57	-4.5	79.68	-0.058	0.1683	-0.1068
414	SLV 16	-13.44	-3.54	80.62	-0.0628	0.1497	-0.0806
414	CRTFP Ux+	0	0	0	0	0	0
414	CRTFP Ux-	0	0	0	0	0	0
414	CRTFP Uy+	0	0	0	0	0	0
414	CRTFP Uy-	0	0	0	0	0	0
415	SLU 1	0.46	0.38	36.86	-0.0367	8.2588	-0.1328
415	SLU 2	0.44	0.49	36.73	-0.0357	8.2187	-0.1729
415	SLU 3	0.47	0.38	37.74	-0.0377	8.4458	-0.1343
415	SLU 4	0.46	0.45	37.66	-0.0371	8.4217	-0.1584
415	SLU 5	0.44	0.49	37.28	-0.0363	8.3357	-0.1724
415	SLU 6	0.48	0.38	38.3	-0.0383	8.5629	-0.1338
415	SLU 7	0.46	0.45	38.22	-0.0377	8.5387	-0.1579
415	SLU 8	0.47	0.37	37.97	-0.038	8.4929	-0.1318
415	SLU 9	0.46	0.44	37.89	-0.0374	8.4688	-0.1559
415	SLU 10	0.45	0.61	40.83	-0.0396	9.1024	-0.213
415	SLU 11	0.49	0.5	41.85	-0.0416	9.3295	-0.1744



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
415	SLU 12	0.47	0.57	41.77	-0.041	9.3054	-0.1985
415	SLU 13	0.46	0.61	41.38	-0.0403	9.2194	-0.2125
415	SLU 14	0.49	0.49	42.4	-0.0423	9.4466	-0.1739
415	SLU 15	0.48	0.56	42.32	-0.0417	9.4225	-0.198
415	SLU 16	0.49	0.49	42.07	-0.042	9.3766	-0.1719
415	SLU 17	0.48	0.56	41.99	-0.0414	9.3525	-0.196
415	SLU 18	0.48	0.54	42.72	-0.0423	9.5213	-0.19
415	SLU 19	0.47	0.61	42.64	-0.0417	9.4972	-0.2141
415	SLU 20	0.49	0.54	43.27	-0.043	9.6383	-0.1896
415	SLU 21	0.48	0.61	43.2	-0.0424	9.6142	-0.2136
415	SLU 22	0.51	0.48	40.94	-0.0405	9.1325	-0.1675
415	SLU 23	0.49	0.59	40.8	-0.0395	9.0923	-0.2077
415	SLU 24	0.53	0.48	41.82	-0.0415	9.3195	-0.1691
415	SLU 25	0.51	0.55	41.74	-0.0409	9.2954	-0.1931
415	SLU 26	0.5	0.59	41.36	-0.0401	9.2094	-0.2072
415	SLU 27	0.53	0.48	42.38	-0.0421	9.4365	-0.1686
415	SLU 28	0.52	0.55	42.3	-0.0415	9.4124	-0.1927
415	SLU 29	0.53	0.47	42.05	-0.0418	9.3666	-0.1666
415	SLU 30	0.51	0.54	41.97	-0.0412	9.3425	-0.1907
415	SLU 31	0.51	0.71	44.91	-0.0434	9.9761	-0.2478
415	SLU 32	0.55	0.6	45.93	-0.0454	10.2032	-0.2092
415	SLU 33	0.53	0.66	45.85	-0.0448	10.1791	-0.2332
415	SLU 34	0.52	0.7	45.46	-0.0441	10.0931	-0.2473
415	SLU 35	0.55	0.59	46.48	-0.0461	10.3203	-0.2087
415	SLU 36	0.54	0.66	46.4	-0.0455	10.2961	-0.2328
415	SLU 37	0.55	0.59	46.15	-0.0458	10.2503	-0.2067
415	SLU 38	0.53	0.66	46.07	-0.0452	10.2262	-0.2308
415	SLU 39	0.54	0.64	46.8	-0.0461	10.395	-0.2248
415	SLU 40	0.53	0.71	46.72	-0.0455	10.3709	-0.2489
415	SLU 41	0.55	0.64	47.35	-0.0468	10.512	-0.2243
415	SLU 42	0.53	0.71	47.27	-0.0462	10.4879	-0.2484
415	SLU 43	0.57	0.46	46.51	-0.0464	10.437	-0.1607
415	SLU 44	0.55	0.57	46.38	-0.0454	10.3968	-0.2008
415	SLU 45	0.59	0.46	47.4	-0.0474	10.6239	-0.1622
415	SLU 46	0.57	0.53	47.32	-0.0468	10.5998	-0.1863
415	SLU 47	0.56	0.57	46.94	-0.046	10.5138	-0.2003
415	SLU 48	0.59	0.46	47.96	-0.048	10.741	-0.1617
415	SLU 49	0.58	0.53	47.88	-0.0474	10.7169	-0.1858
415	SLU 50	0.59	0.45	47.63	-0.0477	10.671	-0.1597
415	SLU 51	0.57	0.52	47.55	-0.0471	10.6469	-0.1838
415	SLU 52	0.57	0.69	50.49	-0.0493	11.2805	-0.2409
415	SLU 53	0.61	0.58	51.5	-0.0513	11.5076	-0.2023
415	SLU 54	0.59	0.64	51.43	-0.0507	11.4835	-0.2264
415	SLU 55	0.58	0.68	51.04	-0.05	11.3975	-0.2404
415	SLU 56	0.61	0.57	52.06	-0.052	11.6247	-0.2018
415	SLU 57	0.6	0.64	51.98	-0.0514	11.6006	-0.2259
415	SLU 58	0.61	0.57	51.73	-0.0517	11.5547	-0.1998
415	SLU 59	0.59	0.64	51.65	-0.0511	11.5306	-0.2239
415	SLU 60	0.6	0.62	52.38	-0.052	11.6994	-0.218
415	SLU 61	0.59	0.69	52.3	-0.0514	11.6753	-0.242
415	SLU 62	0.61	0.62	52.93	-0.0527	11.8164	-0.2175
415	SLU 63	0.59	0.69	52.85	-0.0521	11.7923	-0.2416
415	SLU 64	0.63	0.56	50.59	-0.0502	11.3106	-0.1954
415	SLU 65	0.61	0.67	50.46	-0.0492	11.2705	-0.2356
415	SLU 66	0.64	0.56	51.48	-0.0512	11.4976	-0.197
415	SLU 67	0.63	0.63	51.4	-0.0506	11.4735	-0.221
415	SLU 68	0.62	0.67	51.02	-0.0498	11.3875	-0.2351
415	SLU 69	0.65	0.56	52.04	-0.0518	11.6146	-0.1965
415	SLU 70	0.64	0.63	51.96	-0.0512	11.5905	-0.2206
415	SLU 71	0.65	0.55	51.7	-0.0515	11.5447	-0.1945
415	SLU 72	0.63	0.62	51.63	-0.0509	11.5206	-0.2186
415	SLU 73	0.63	0.79	54.57	-0.0531	12.1542	-0.2757
415	SLU 74	0.66	0.67	55.58	-0.0551	12.3813	-0.2371
415	SLU 75	0.65	0.74	55.5	-0.0545	12.3572	-0.2611
415	SLU 76	0.63	0.78	55.12	-0.0538	12.2712	-0.2752
415	SLU 77	0.67	0.67	56.14	-0.0558	12.4984	-0.2366
415	SLU 78	0.66	0.74	56.06	-0.0552	12.4743	-0.2607
415	SLU 79	0.66	0.67	55.81	-0.0555	12.4284	-0.2346
415	SLU 80	0.65	0.74	55.73	-0.0549	12.4043	-0.2587
415	SLU 81	0.66	0.72	56.46	-0.0558	12.5731	-0.2527
415	SLU 82	0.64	0.79	56.38	-0.0552	12.549	-0.2768
415	SLU 83	0.66	0.72	57.01	-0.0565	12.6901	-0.2522
415	SLU 84	0.65	0.79	56.93	-0.0559	12.666	-0.2763
415	SLE RA 1	0.47	0.41	38.02	-0.0377	8.5085	-0.1427
415	SLE RA 2	0.46	0.48	37.93	-0.0371	8.4817	-0.1695
415	SLE RA 3	0.48	0.41	38.61	-0.0384	8.6331	-0.1437
415	SLE RA 4	0.47	0.45	38.56	-0.038	8.617	-0.1598
415	SLE RA 5	0.46	0.48	38.3	-0.0375	8.5597	-0.1691
415	SLE RA 6	0.49	0.41	38.98	-0.0389	8.7111	-0.1434
415	SLE RA 7	0.48	0.45	38.93	-0.0385	8.6951	-0.1595
415	SLE RA 8	0.48	0.4	38.76	-0.0386	8.6645	-0.1421
415	SLE RA 9	0.47	0.45	38.71	-0.0382	8.6484	-0.1581
415	SLE RA 10	0.47	0.56	40.67	-0.0397	9.0708	-0.1962
415	SLE RA 11	0.49	0.48	41.35	-0.0411	9.2223	-0.1704
415	SLE RA 12	0.49	0.53	41.3	-0.0407	9.2062	-0.1865
415	SLE RA 13	0.48	0.56	41.04	-0.0402	9.1489	-0.1959
415	SLE RA 14	0.5	0.48	41.72	-0.0415	9.3003	-0.1701
415	SLE RA 15	0.49	0.53	41.67	-0.0411	9.2842	-0.1862
415	SLE RA 16	0.49	0.48	41.5	-0.0413	9.2537	-0.1688



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
415	SLE RA 17	0.49	0.53	41.45	-0.0409	9.2376	-0.1848
415	SLE RA 18	0.49	0.51	41.93	-0.0415	9.3501	-0.1809
415	SLE RA 19	0.48	0.56	41.88	-0.0411	9.334	-0.1969
415	SLE RA 20	0.49	0.51	42.3	-0.042	9.4281	-0.1806
415	SLE RA 21	0.49	0.56	42.25	-0.0416	9.4121	-0.1966
415	SLE FR 1	0.47	0.41	38.02	-0.0377	8.5085	-0.1427
415	SLE FR 2	0.47	0.42	38	-0.0376	8.5031	-0.148
415	SLE FR 3	0.48	0.41	38.17	-0.0379	8.5397	-0.1426
415	SLE FR 4	0.48	0.45	39.18	-0.0387	8.7556	-0.1595
415	SLE FR 5	0.48	0.44	39.34	-0.0391	8.7922	-0.154
415	SLE FR 6	0.48	0.46	39.98	-0.0396	8.9293	-0.1618
415	SLE QP 1	0.47	0.41	38.02	-0.0377	8.5085	-0.1427
415	SLE QP 2	0.48	0.44	39.19	-0.0389	8.761	-0.1542
415	SLD 1	3.91	1.03	28.63	-0.0264	6.6041	-0.3603
415	SLD 2	4.17	1.66	29.05	-0.029	6.6926	-0.5804
415	SLD 3	3.83	-0.41	27.94	-0.0217	6.4712	0.1406
415	SLD 4	4.1	0.23	28.37	-0.0243	6.5597	-0.0795
415	SLD 5	1.57	2.67	36.98	-0.0417	8.2995	-0.9361
415	SLD 6	1.74	3.09	37.26	-0.0434	8.3578	-1.081
415	SLD 7	1.33	-2.1	34.71	-0.0262	7.8567	0.7333
415	SLD 8	1.5	-1.68	34.99	-0.0279	7.915	0.5883
415	SLD 9	-0.55	2.56	43.4	-0.0499	9.6069	-0.8967
415	SLD 10	-0.37	2.98	43.68	-0.0516	9.6652	-1.0416
415	SLD 11	-0.79	-2.21	41.12	-0.0343	9.1642	0.7727
415	SLD 12	-0.61	-1.8	41.4	-0.036	9.2224	0.6278
415	SLD 13	-3.14	0.65	50.02	-0.0535	10.9622	-0.2288
415	SLD 14	-2.88	1.28	50.44	-0.056	11.0507	-0.4489
415	SLD 15	-3.22	-0.78	49.34	-0.0488	10.8294	0.2721
415	SLD 16	-2.95	-0.15	49.76	-0.0514	10.9179	0.052
415	SLV 1	8.49	1.77	14.44	-0.0095	3.7073	-0.6196
415	SLV 2	9.12	3.24	15.43	-0.0155	3.9134	-1.1321
415	SLV 3	8.33	-1.48	12.88	0.0011	3.4053	0.5157
415	SLV 4	8.95	-0.01	13.87	-0.0049	3.6114	0.0032
415	SLV 5	3.02	5.5	33.95	-0.0451	7.6671	-1.9267
415	SLV 6	3.43	6.46	34.59	-0.0489	7.8005	-2.2583
415	SLV 7	2.48	-5.31	28.77	-0.0098	6.6604	1.8576
415	SLV 8	2.88	-4.36	29.41	-0.0137	6.7938	1.5259
415	SLV 9	-1.92	5.24	48.98	-0.0641	10.7281	-1.8343
415	SLV 10	-1.52	6.19	49.62	-0.0679	10.8615	-2.1659
415	SLV 11	-2.47	-5.58	43.8	-0.0288	9.7214	1.95
415	SLV 12	-2.07	-4.63	44.44	-0.0327	9.8548	1.6184
415	SLV 13	-8	0.88	64.52	-0.0729	13.9106	-0.3115
415	SLV 14	-7.37	2.36	65.51	-0.0788	14.1167	-0.824
415	SLV 15	-8.16	-2.36	62.96	-0.0623	13.6086	0.8238
415	SLV 16	-7.54	-0.89	63.95	-0.0683	13.8147	0.3113
415	CRTFP Ux+	0	0	0	0	0	0
415	CRTFP Ux-	0	0	0	0	0	0
415	CRTFP Uy+	0	0	0	0	0	0
415	CRTFP Uy-	0	0	0	0	0	0
418	SLU 1	0.21	-0.21	38.41	-0.0015	10.9552	0.0764
418	SLU 2	0.19	-0.16	38.48	-0.0018	10.9757	0.0588
418	SLU 3	0.21	-0.2	39.32	-0.0016	11.2094	0.0741
418	SLU 4	0.2	-0.17	39.37	-0.0017	11.2217	0.0635
418	SLU 5	0.19	-0.16	39.05	-0.002	11.1322	0.0596
418	SLU 6	0.22	-0.21	39.89	-0.0018	11.366	0.0749
418	SLU 7	0.21	-0.18	39.93	-0.0019	11.3783	0.0643
418	SLU 8	0.21	-0.22	39.54	-0.0019	11.2684	0.0781
418	SLU 9	0.2	-0.19	39.58	-0.0021	11.2806	0.0675
418	SLU 10	0.21	-0.12	43.34	-0.0007	12.3478	0.0431
418	SLU 11	0.24	-0.16	44.19	-0.0005	12.5816	0.0584
418	SLU 12	0.22	-0.13	44.23	-0.0006	12.5938	0.0478
418	SLU 13	0.21	-0.12	43.91	-0.0009	12.5044	0.0439
418	SLU 14	0.24	-0.16	44.75	-0.0007	12.7381	0.0592
418	SLU 15	0.23	-0.13	44.79	-0.0008	12.7504	0.0486
418	SLU 16	0.24	-0.17	44.4	-0.0008	12.6405	0.0624
418	SLU 17	0.22	-0.14	44.45	-0.001	12.6528	0.0518
418	SLU 18	0.24	-0.15	45.36	0.0001	12.9154	0.054
418	SLU 19	0.23	-0.12	45.4	-0.0001	12.9277	0.0434
418	SLU 20	0.24	-0.15	45.92	-0.0001	13.072	0.0548
418	SLU 21	0.23	-0.12	45.97	-0.0003	13.0843	0.0443
418	SLU 22	0.24	-0.13	42.57	-0.0006	12.1153	0.0489
418	SLU 23	0.22	-0.08	42.64	-0.0009	12.1357	0.0312
418	SLU 24	0.25	-0.12	43.48	-0.0007	12.3695	0.0465
418	SLU 25	0.24	-0.09	43.53	-0.0008	12.3818	0.0359
418	SLU 26	0.23	-0.08	43.21	-0.0011	12.2923	0.0321
418	SLU 27	0.25	-0.13	44.05	-0.0009	12.5261	0.0474
418	SLU 28	0.24	-0.1	44.09	-0.001	12.5383	0.0368
418	SLU 29	0.25	-0.14	43.7	-0.001	12.4284	0.0505
418	SLU 30	0.24	-0.11	43.74	-0.0012	12.4407	0.04
418	SLU 31	0.25	-0.04	47.5	0.0002	13.5079	0.0155
418	SLU 32	0.27	-0.08	48.35	0.0004	13.7416	0.0308
418	SLU 33	0.26	-0.05	48.39	0.0003	13.7539	0.0202
418	SLU 34	0.25	-0.04	48.07	0	13.6645	0.0164
418	SLU 35	0.28	-0.08	48.91	0.0002	13.8982	0.0317
418	SLU 36	0.26	-0.05	48.95	0.0001	13.9105	0.0211
418	SLU 37	0.27	-0.09	48.56	0.0001	13.8006	0.0348
418	SLU 38	0.26	-0.06	48.61	-0.0001	13.8128	0.0243
418	SLU 39	0.28	-0.07	49.52	0.001	14.0755	0.0264
418	SLU 40	0.26	-0.04	49.56	0.0008	14.0878	0.0158



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
418	SLU 41	0.28	-0.07	50.08	0.0008	14.2321	0.0273
418	SLU 42	0.27	-0.04	50.13	0.0006	14.2443	0.0167
418	SLU 43	0.26	-0.3	48.51	-0.0023	13.8441	0.1088
418	SLU 44	0.24	-0.25	48.58	-0.0025	13.8645	0.0912
418	SLU 45	0.26	-0.29	49.42	-0.0023	14.0983	0.1065
418	SLU 46	0.25	-0.26	49.46	-0.0025	14.1105	0.0959
418	SLU 47	0.24	-0.25	49.14	-0.0027	14.0211	0.092
418	SLU 48	0.27	-0.3	49.99	-0.0026	14.2548	0.1073
418	SLU 49	0.26	-0.27	50.03	-0.0027	14.2671	0.0967
418	SLU 50	0.26	-0.31	49.64	-0.0027	14.1572	0.1105
418	SLU 51	0.25	-0.28	49.68	-0.0028	14.1695	0.0999
418	SLU 52	0.26	-0.21	53.44	-0.0014	15.2366	0.0755
418	SLU 53	0.29	-0.25	54.28	-0.0012	15.4704	0.0908
418	SLU 54	0.27	-0.22	54.33	-0.0014	15.4827	0.0802
418	SLU 55	0.26	-0.21	54.01	-0.0016	15.3932	0.0763
418	SLU 56	0.29	-0.25	54.85	-0.0015	15.627	0.0916
418	SLU 57	0.28	-0.22	54.89	-0.0016	15.6392	0.081
418	SLU 58	0.29	-0.26	54.5	-0.0016	15.5293	0.0948
418	SLU 59	0.27	-0.23	54.54	-0.0017	15.5416	0.0842
418	SLU 60	0.29	-0.24	55.46	-0.0007	15.8043	0.0864
418	SLU 61	0.28	-0.21	55.5	-0.0008	15.8165	0.0758
418	SLU 62	0.29	-0.24	56.02	-0.0009	15.9608	0.0872
418	SLU 63	0.28	-0.21	56.06	-0.0011	15.9731	0.0766
418	SLU 64	0.29	-0.22	52.67	-0.0014	15.0041	0.0812
418	SLU 65	0.27	-0.17	52.74	-0.0016	15.0246	0.0636
418	SLU 66	0.3	-0.21	53.58	-0.0014	15.2583	0.0789
418	SLU 67	0.29	-0.18	53.62	-0.0016	15.2706	0.0683
418	SLU 68	0.28	-0.17	53.3	-0.0018	15.1811	0.0645
418	SLU 69	0.3	-0.22	54.15	-0.0017	15.4149	0.0797
418	SLU 70	0.29	-0.19	54.19	-0.0018	15.4272	0.0692
418	SLU 71	0.3	-0.23	53.8	-0.0018	15.3173	0.0829
418	SLU 72	0.29	-0.2	53.84	-0.002	15.3295	0.0724
418	SLU 73	0.3	-0.13	57.6	-0.0005	16.3967	0.0479
418	SLU 74	0.32	-0.17	58.44	-0.0003	16.6305	0.0632
418	SLU 75	0.31	-0.14	58.49	-0.0005	16.6427	0.0526
418	SLU 76	0.3	-0.13	58.17	-0.0007	16.5533	0.0488
418	SLU 77	0.33	-0.17	59.01	-0.0006	16.787	0.064
418	SLU 78	0.31	-0.14	59.05	-0.0007	16.7993	0.0535
418	SLU 79	0.32	-0.18	58.66	-0.0007	16.6894	0.0672
418	SLU 80	0.31	-0.15	58.7	-0.0008	16.7017	0.0566
418	SLU 81	0.33	-0.16	59.62	0.0002	16.9643	0.0588
418	SLU 82	0.31	-0.13	59.66	0.0001	16.9766	0.0482
418	SLU 83	0.33	-0.16	60.18	0	17.1209	0.0597
418	SLU 84	0.32	-0.13	60.22	-0.0002	17.1332	0.0491
418	SLE RA 1	0.22	-0.19	39.6	-0.0013	11.2867	0.0686
418	SLE RA 2	0.2	-0.15	39.65	-0.0014	11.3003	0.0568
418	SLE RA 3	0.22	-0.18	40.21	-0.0013	11.4561	0.067
418	SLE RA 4	0.21	-0.16	40.24	-0.0014	11.4643	0.0599
418	SLE RA 5	0.21	-0.16	40.02	-0.0016	11.4047	0.0574
418	SLE RA 6	0.23	-0.18	40.59	-0.0014	11.5605	0.0676
418	SLE RA 7	0.22	-0.16	40.61	-0.0015	11.5687	0.0605
418	SLE RA 8	0.22	-0.19	40.35	-0.0015	11.4954	0.0697
418	SLE RA 9	0.21	-0.17	40.38	-0.0016	11.5036	0.0626
418	SLE RA 10	0.22	-0.12	42.89	-0.0007	12.2151	0.0463
418	SLE RA 11	0.24	-0.15	43.45	-0.0006	12.3709	0.0565
418	SLE RA 12	0.23	-0.13	43.48	-0.0007	12.3791	0.0495
418	SLE RA 13	0.22	-0.13	43.27	-0.0008	12.3194	0.0469
418	SLE RA 14	0.24	-0.16	43.83	-0.0007	12.4753	0.0571
418	SLE RA 15	0.23	-0.14	43.86	-0.0008	12.4835	0.05
418	SLE RA 16	0.24	-0.16	43.6	-0.0008	12.4102	0.0592
418	SLE RA 17	0.23	-0.14	43.62	-0.0009	12.4184	0.0522
418	SLE RA 18	0.24	-0.15	44.23	-0.0002	12.5935	0.0536
418	SLE RA 19	0.23	-0.13	44.26	-0.0003	12.6017	0.0465
418	SLE RA 20	0.24	-0.15	44.61	-0.0003	12.6979	0.0542
418	SLE RA 21	0.23	-0.13	44.64	-0.0004	12.706	0.0471
418	SLE FR 1	0.22	-0.19	39.6	-0.0013	11.2867	0.0686
418	SLE FR 2	0.22	-0.18	39.61	-0.0013	11.2894	0.0662
418	SLE FR 3	0.22	-0.19	39.75	-0.0013	11.3284	0.0688
418	SLE FR 4	0.22	-0.17	41	-0.001	11.6814	0.0617
418	SLE FR 5	0.23	-0.18	41.14	-0.001	11.7205	0.0643
418	SLE FR 6	0.23	-0.17	41.92	-0.0007	11.9401	0.0611
418	SLE QP 1	0.22	-0.19	39.6	-0.0013	11.2867	0.0686
418	SLE QP 2	0.22	-0.18	40.99	-0.0009	11.6787	0.0641
418	SLD 1	3.71	0.29	41.32	-0.0048	11.794	-0.0918
418	SLD 2	3.97	0.32	41.39	-0.005	11.8066	-0.1016
418	SLD 3	3.64	-0.87	40.93	-0.0004	11.6892	0.3119
418	SLD 4	3.91	-0.83	40.99	-0.0005	11.7018	0.3021
418	SLD 5	1.32	1.71	41.68	-0.0087	11.87	-0.5932
418	SLD 6	1.49	1.73	41.72	-0.0089	11.8783	-0.5997
418	SLD 7	1.11	-2.14	40.36	0.006	11.5206	0.7525
418	SLD 8	1.28	-2.12	40.4	0.0058	11.5289	0.746
418	SLD 9	-0.83	1.77	41.58	-0.0077	11.8285	-0.6179
418	SLD 10	-0.66	1.79	41.62	-0.0078	11.8368	-0.6243
418	SLD 11	-1.04	-2.08	40.26	0.007	11.4791	0.7278
418	SLD 12	-0.87	-2.06	40.3	0.0069	11.4874	0.7214
418	SLD 13	-3.46	0.48	40.99	-0.0013	11.6556	-0.174
418	SLD 14	-3.19	0.52	41.05	-0.0015	11.6683	-0.1838
418	SLD 15	-3.52	-0.67	40.59	0.0031	11.5508	0.2297
418	SLD 16	-3.26	-0.64	40.66	0.0029	11.5634	0.2199



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
418	SLV 1	8.37	0.87	41.76	-0.0097	11.9453	-0.286
418	SLV 2	8.99	0.95	41.91	-0.0102	11.9747	-0.3088
418	SLV 3	8.23	-1.75	40.86	0.0002	11.7066	0.629
418	SLV 4	8.84	-1.67	41.01	-0.0002	11.736	0.6063
418	SLV 5	2.78	4.09	42.56	-0.0186	12.1156	-1.4249
418	SLV 6	3.18	4.14	42.66	-0.0189	12.1346	-1.4396
418	SLV 7	2.3	-4.63	39.56	0.0146	11.32	1.6254
418	SLV 8	2.7	-4.58	39.65	0.0143	11.339	1.6107
418	SLV 9	-2.25	4.23	42.33	-0.0162	12.0184	-1.4825
418	SLV 10	-1.85	4.28	42.42	-0.0165	12.0375	-1.4972
418	SLV 11	-2.73	-4.49	39.32	0.017	11.2228	1.5678
418	SLV 12	-2.33	-4.45	39.42	0.0167	11.2419	1.553
418	SLV 13	-8.39	1.32	40.97	-0.0017	11.6214	-0.4781
418	SLV 14	-7.78	1.4	41.12	-0.0021	11.6509	-0.5009
418	SLV 15	-8.54	-1.3	40.07	0.0083	11.3828	0.4369
418	SLV 16	-7.92	-1.22	40.22	0.0079	11.4122	0.4142
418	CRTFP Ux+	0	0	0	0	0	0
418	CRTFP Ux-	0	0	0	0	0	0
418	CRTFP Uy+	0	0	0	0	0	0
418	CRTFP Uy-	0	0	0	0	0	0
420	SLU 1	-1.6	-1.05	120.01	2.4689	-0.5146	-0.0627
420	SLU 2	-1.52	-0.92	120.18	2.4627	-0.5174	-0.0553
420	SLU 3	-1.64	-1.03	122.83	2.5286	-0.5274	-0.0651
420	SLU 4	-1.59	-0.95	122.93	2.5249	-0.529	-0.0607
420	SLU 5	-1.55	-0.94	121.98	2.494	-0.5254	-0.0566
420	SLU 6	-1.67	-1.05	124.63	2.5599	-0.5354	-0.0665
420	SLU 7	-1.62	-0.97	124.73	2.5562	-0.537	-0.062
420	SLU 8	-1.65	-1.09	123.61	2.5314	-0.5306	-0.0654
420	SLU 9	-1.6	-1.01	123.71	2.5277	-0.5323	-0.061
420	SLU 10	-1.61	-0.88	135.18	2.8376	-0.6007	-0.0619
420	SLU 11	-1.73	-0.99	137.83	2.9035	-0.6107	-0.0717
420	SLU 12	-1.68	-0.91	137.93	2.8998	-0.6123	-0.0672
420	SLU 13	-1.63	-0.9	136.98	2.8689	-0.6087	-0.0632
420	SLU 14	-1.75	-1.01	139.62	2.9348	-0.6187	-0.0731
420	SLU 15	-1.7	-0.93	139.73	2.9311	-0.6203	-0.0686
420	SLU 16	-1.73	-1.05	138.6	2.9063	-0.6139	-0.072
420	SLU 17	-1.68	-0.97	138.7	2.9026	-0.6156	-0.0676
420	SLU 18	-1.72	-0.99	141.43	3.0045	-0.6336	-0.0721
420	SLU 19	-1.67	-0.91	141.54	3.0008	-0.6353	-0.0676
420	SLU 20	-1.75	-1.01	143.23	3.0357	-0.6416	-0.0735
420	SLU 21	-1.7	-0.93	143.33	3.032	-0.6433	-0.069
420	SLU 22	-1.78	-0.79	132.75	2.7825	-0.5733	-0.0745
420	SLU 23	-1.7	-0.66	132.92	2.7764	-0.5761	-0.0671
420	SLU 24	-1.82	-0.78	135.56	2.8423	-0.586	-0.0769
420	SLU 25	-1.77	-0.7	135.67	2.8386	-0.5877	-0.0725
420	SLU 26	-1.72	-0.68	134.72	2.8076	-0.5841	-0.0684
420	SLU 27	-1.84	-0.8	137.36	2.8735	-0.594	-0.0783
420	SLU 28	-1.79	-0.72	137.47	2.8698	-0.5957	-0.0738
420	SLU 29	-1.83	-0.83	136.34	2.8451	-0.5893	-0.0772
420	SLU 30	-1.78	-0.75	136.44	2.8414	-0.591	-0.0728
420	SLU 31	-1.78	-0.62	147.91	3.1513	-0.6594	-0.0737
420	SLU 32	-1.9	-0.74	150.56	3.2172	-0.6693	-0.0835
420	SLU 33	-1.85	-0.66	150.66	3.2135	-0.671	-0.079
420	SLU 34	-1.81	-0.64	149.71	3.1826	-0.6674	-0.075
420	SLU 35	-1.93	-0.76	152.36	3.2484	-0.6773	-0.0849
420	SLU 36	-1.88	-0.68	152.46	3.2448	-0.679	-0.0804
420	SLU 37	-1.91	-0.79	151.34	3.22	-0.6726	-0.0838
420	SLU 38	-1.86	-0.71	151.44	3.2163	-0.6743	-0.0794
420	SLU 39	-1.9	-0.74	154.17	3.3181	-0.6923	-0.0839
420	SLU 40	-1.85	-0.66	154.27	3.3144	-0.694	-0.0794
420	SLU 41	-1.92	-0.75	155.97	3.3494	-0.7003	-0.0853
420	SLU 42	-1.87	-0.68	156.07	3.3457	-0.702	-0.0808
420	SLU 43	-2.02	-1.45	151.65	3.102	-0.6489	-0.0775
420	SLU 44	-1.94	-1.32	151.82	3.0958	-0.6517	-0.0701
420	SLU 45	-2.06	-1.43	154.47	3.1617	-0.6616	-0.0799
420	SLU 46	-2.01	-1.36	154.57	3.158	-0.6633	-0.0754
420	SLU 47	-1.97	-1.34	153.62	3.1271	-0.6597	-0.0714
420	SLU 48	-2.09	-1.45	156.26	3.193	-0.6696	-0.0813
420	SLU 49	-2.04	-1.37	156.37	3.1893	-0.6713	-0.0768
420	SLU 50	-2.07	-1.49	155.24	3.1645	-0.6649	-0.0802
420	SLU 51	-2.02	-1.41	155.35	3.1608	-0.6666	-0.0758
420	SLU 52	-2.03	-1.28	166.82	3.4707	-0.735	-0.0766
420	SLU 53	-2.15	-1.39	169.46	3.5366	-0.7449	-0.0865
420	SLU 54	-2.1	-1.32	169.57	3.5329	-0.7466	-0.082
420	SLU 55	-2.05	-1.3	168.61	3.502	-0.743	-0.078
420	SLU 56	-2.17	-1.41	171.26	3.5679	-0.7529	-0.0878
420	SLU 57	-2.12	-1.33	171.36	3.5642	-0.7546	-0.0834
420	SLU 58	-2.15	-1.45	170.24	3.5394	-0.7482	-0.0868
420	SLU 59	-2.1	-1.37	170.34	3.5357	-0.7498	-0.0823
420	SLU 60	-2.14	-1.39	173.07	3.6376	-0.7679	-0.0869
420	SLU 61	-2.09	-1.32	173.17	3.6339	-0.7696	-0.0824
420	SLU 62	-2.17	-1.41	174.87	3.6688	-0.7759	-0.0882
420	SLU 63	-2.12	-1.33	174.97	3.6651	-0.7776	-0.0838
420	SLU 64	-2.2	-1.2	164.38	3.4156	-0.7076	-0.0893
420	SLU 65	-2.12	-1.07	164.55	3.4095	-0.7103	-0.0819
420	SLU 66	-2.24	-1.18	167.2	3.4754	-0.7203	-0.0917
420	SLU 67	-2.19	-1.1	167.3	3.4717	-0.722	-0.0872
420	SLU 68	-2.14	-1.08	166.35	3.4407	-0.7183	-0.0832
420	SLU 69	-2.26	-1.2	169	3.5066	-0.7283	-0.0931



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
420	SLU 70	-2.22	-1.12	169.1	3.5029	-0.73	-0.0886
420	SLU 71	-2.25	-1.23	167.98	3.4782	-0.7236	-0.092
420	SLU 72	-2.2	-1.15	168.08	3.4745	-0.7252	-0.0876
420	SLU 73	-2.2	-1.03	179.55	3.7844	-0.7936	-0.0884
420	SLU 74	-2.32	-1.14	182.2	3.8503	-0.8036	-0.0983
420	SLU 75	-2.28	-1.06	182.3	3.8466	-0.8053	-0.0938
420	SLU 76	-2.23	-1.04	181.35	3.8157	-0.8016	-0.0898
420	SLU 77	-2.35	-1.16	183.99	3.8816	-0.8116	-0.0996
420	SLU 78	-2.3	-1.08	184.1	3.8779	-0.8133	-0.0952
420	SLU 79	-2.33	-1.19	182.97	3.8531	-0.8069	-0.0986
420	SLU 80	-2.28	-1.11	183.08	3.8494	-0.8085	-0.0941
420	SLU 81	-2.32	-1.14	185.81	3.9512	-0.8266	-0.0987
420	SLU 82	-2.27	-1.06	185.91	3.9475	-0.8282	-0.0942
420	SLU 83	-2.34	-1.16	187.6	3.9825	-0.8346	-0.1
420	SLU 84	-2.29	-1.08	187.71	3.9788	-0.8362	-0.0956
420	SLE RA 1	-1.65	-0.98	123.65	2.5585	-0.5314	-0.0661
420	SLE RA 2	-1.6	-0.89	123.76	2.5544	-0.5332	-0.0611
420	SLE RA 3	-1.68	-0.96	125.53	2.5983	-0.5399	-0.0677
420	SLE RA 4	-1.65	-0.91	125.6	2.5958	-0.541	-0.0647
420	SLE RA 5	-1.62	-0.9	124.96	2.5752	-0.5386	-0.062
420	SLE RA 6	-1.7	-0.98	126.73	2.6191	-0.5452	-0.0686
420	SLE RA 7	-1.66	-0.92	126.8	2.6167	-0.5463	-0.0656
420	SLE RA 8	-1.69	-1	126.05	2.6002	-0.5421	-0.0679
420	SLE RA 9	-1.65	-0.95	126.11	2.5977	-0.5432	-0.0649
420	SLE RA 10	-1.66	-0.86	133.76	2.8043	-0.5888	-0.0655
420	SLE RA 11	-1.74	-0.94	135.53	2.8482	-0.5954	-0.0721
420	SLE RA 12	-1.7	-0.89	135.59	2.8458	-0.5965	-0.0691
420	SLE RA 13	-1.67	-0.87	134.96	2.8252	-0.5941	-0.0664
420	SLE RA 14	-1.75	-0.95	136.72	2.8691	-0.6008	-0.073
420	SLE RA 15	-1.72	-0.9	136.79	2.8666	-0.6018	-0.07
420	SLE RA 16	-1.74	-0.97	136.04	2.8501	-0.5976	-0.0723
420	SLE RA 17	-1.71	-0.92	136.11	2.8476	-0.5987	-0.0693
420	SLE RA 18	-1.73	-0.94	137.93	2.9155	-0.6107	-0.0723
420	SLE RA 19	-1.7	-0.89	138	2.9131	-0.6118	-0.0694
420	SLE RA 20	-1.75	-0.95	139.13	2.9364	-0.6161	-0.0733
420	SLE RA 21	-1.72	-0.9	139.2	2.9339	-0.6172	-0.0703
420	SLE FR 1	-1.65	-0.98	123.65	2.5585	-0.5314	-0.0661
420	SLE FR 2	-1.64	-0.96	123.67	2.5576	-0.5318	-0.0651
420	SLE FR 3	-1.66	-0.98	124.13	2.5668	-0.5335	-0.0665
420	SLE FR 4	-1.67	-0.95	127.96	2.6648	-0.5556	-0.067
420	SLE FR 5	-1.68	-0.97	128.41	2.6739	-0.5573	-0.0683
420	SLE FR 6	-1.69	-0.96	130.79	2.737	-0.5711	-0.0692
420	SLE QP 1	-1.65	-0.98	123.65	2.5585	-0.5314	-0.0661
420	SLE QP 2	-1.68	-0.96	127.93	2.6656	-0.5552	-0.068
420	SLD 1	9.47	1.25	125.1	2.3659	-0.5078	-0.199
420	SLD 2	10.28	0.99	125.04	2.3868	-0.5086	-0.1588
420	SLD 3	9.58	-2.56	124.54	2.5728	-0.4896	-0.1762
420	SLD 4	10.39	-2.83	124.48	2.5937	-0.4905	-0.136
420	SLD 5	1.35	5.53	127.95	2.2582	-0.5684	-0.1491
420	SLD 6	1.88	5.36	127.91	2.2719	-0.5689	-0.1226
420	SLD 7	1.73	-7.19	126.07	2.9478	-0.5078	-0.073
420	SLD 8	2.26	-7.36	126.03	2.9615	-0.5084	-0.0466
420	SLD 9	-5.62	5.43	129.83	2.3697	-0.602	-0.0894
420	SLD 10	-5.08	5.26	129.8	2.3834	-0.6026	-0.0629
420	SLD 11	-5.24	-7.29	127.96	3.0592	-0.5415	-0.0133
420	SLD 12	-4.7	-7.46	127.92	3.073	-0.542	0.0131
420	SLD 13	-13.75	0.9	131.39	2.7375	-0.62	0
420	SLD 14	-12.94	0.64	131.33	2.7584	-0.6208	0.0402
420	SLD 15	-13.64	-2.92	130.83	2.9444	-0.6018	0.0228
420	SLD 16	-12.82	-3.18	130.77	2.9652	-0.6027	0.063
420	SLV 1	24.4	4.08	121.28	1.9722	-0.4435	-0.3737
420	SLV 2	26.29	3.46	121.15	2.0208	-0.4456	-0.2801
420	SLV 3	24.66	-4.57	119.99	2.44	-0.4023	-0.3218
420	SLV 4	26.56	-5.19	119.86	2.4887	-0.4044	-0.2282
420	SLV 5	5.41	13.77	127.92	1.7396	-0.5839	-0.2546
420	SLV 6	6.63	13.38	127.83	1.771	-0.5852	-0.1941
420	SLV 7	6.3	-15.06	123.62	3.2991	-0.4465	-0.0816
420	SLV 8	7.53	-15.46	123.53	3.3305	-0.4478	-0.0211
420	SLV 9	-10.89	13.53	132.34	2.0007	-0.6626	-0.1148
420	SLV 10	-9.66	13.13	132.25	2.0321	-0.6639	-0.0543
420	SLV 11	-9.99	-15.31	128.04	3.5602	-0.5252	0.0581
420	SLV 12	-8.76	-15.7	127.95	3.5916	-0.5266	0.1187
420	SLV 13	-29.92	3.26	136.01	2.8425	-0.7061	0.0922
420	SLV 14	-28.02	2.65	135.88	2.8911	-0.7081	0.1858
420	SLV 15	-29.65	-5.39	134.72	3.3104	-0.6649	0.1441
420	SLV 16	-27.75	-6	134.59	3.359	-0.6669	0.2377
420	CRTFP Ux+	0	0	0	0	0	0
420	CRTFP Ux-	0	0	0	0	0	0
420	CRTFP Uy+	0	0	0	0	0	0
420	CRTFP Uy-	0	0	0	0	0	0
422	SLU 1	-0.52	0.47	32.25	-0.0116	-4.1848	0.1187
422	SLU 2	-0.49	0.58	32.14	-0.0108	-4.1645	0.1457
422	SLU 3	-0.54	0.49	33.01	-0.0119	-4.2756	0.1225
422	SLU 4	-0.52	0.55	32.95	-0.0114	-4.2634	0.1387
422	SLU 5	-0.5	0.59	32.62	-0.011	-4.2212	0.1484
422	SLU 6	-0.55	0.5	33.49	-0.0121	-4.3322	0.1252
422	SLU 7	-0.53	0.56	33.42	-0.0116	-4.32	0.1414
422	SLU 8	-0.54	0.49	33.2	-0.012	-4.2981	0.1241
422	SLU 9	-0.52	0.56	33.14	-0.0116	-4.2859	0.1403



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
422	SLU 10	-0.52	0.69	35.72	-0.0115	-4.6049	0.173
422	SLU 11	-0.56	0.6	36.59	-0.0126	-4.7159	0.1499
422	SLU 12	-0.55	0.66	36.52	-0.0121	-4.7037	0.1661
422	SLU 13	-0.53	0.7	36.2	-0.0118	-4.6615	0.1757
422	SLU 14	-0.57	0.61	37.07	-0.0128	-4.7725	0.1526
422	SLU 15	-0.55	0.67	37	-0.0123	-4.7604	0.1688
422	SLU 16	-0.57	0.6	36.78	-0.0128	-4.7384	0.1515
422	SLU 17	-0.55	0.67	36.72	-0.0123	-4.7263	0.1677
422	SLU 18	-0.56	0.63	37.36	-0.0126	-4.8139	0.1578
422	SLU 19	-0.54	0.69	37.29	-0.0122	-4.8017	0.174
422	SLU 20	-0.57	0.64	37.84	-0.0129	-4.8705	0.1605
422	SLU 21	-0.55	0.7	37.77	-0.0124	-4.8584	0.1767
422	SLU 22	-0.58	0.57	35.83	-0.0122	-4.6218	0.1437
422	SLU 23	-0.55	0.68	35.73	-0.0114	-4.6015	0.1706
422	SLU 24	-0.6	0.59	36.6	-0.0125	-4.7126	0.1475
422	SLU 25	-0.58	0.65	36.53	-0.012	-4.7004	0.1637
422	SLU 26	-0.56	0.69	36.2	-0.0117	-4.6582	0.1733
422	SLU 27	-0.61	0.6	37.07	-0.0127	-4.7692	0.1502
422	SLU 28	-0.59	0.66	37.01	-0.0123	-4.757	0.1664
422	SLU 29	-0.6	0.59	36.79	-0.0127	-4.7351	0.1491
422	SLU 30	-0.58	0.66	36.72	-0.0122	-4.7229	0.1653
422	SLU 31	-0.58	0.79	39.3	-0.0122	-5.0419	0.198
422	SLU 32	-0.62	0.7	40.17	-0.0132	-5.1529	0.1748
422	SLU 33	-0.61	0.76	40.11	-0.0128	-5.1407	0.191
422	SLU 34	-0.59	0.8	39.78	-0.0124	-5.0985	0.2007
422	SLU 35	-0.63	0.71	40.65	-0.0135	-5.2095	0.1775
422	SLU 36	-0.61	0.77	40.59	-0.013	-5.1974	0.1937
422	SLU 37	-0.63	0.7	40.37	-0.0134	-5.1754	0.1764
422	SLU 38	-0.61	0.77	40.3	-0.0129	-5.1633	0.1926
422	SLU 39	-0.62	0.73	40.94	-0.0133	-5.2509	0.1827
422	SLU 40	-0.6	0.79	40.88	-0.0128	-5.2387	0.1989
422	SLU 41	-0.63	0.74	41.42	-0.0135	-5.3075	0.1854
422	SLU 42	-0.61	0.8	41.36	-0.013	-5.2954	0.2016
422	SLU 43	-0.66	0.58	40.69	-0.0148	-5.2904	0.1458
422	SLU 44	-0.63	0.69	40.59	-0.014	-5.2702	0.1728
422	SLU 45	-0.67	0.6	41.46	-0.0151	-5.3812	0.1496
422	SLU 46	-0.66	0.66	41.39	-0.0146	-5.369	0.1658
422	SLU 47	-0.64	0.7	41.06	-0.0143	-5.3268	0.1755
422	SLU 48	-0.68	0.61	41.93	-0.0153	-5.4378	0.1523
422	SLU 49	-0.66	0.67	41.87	-0.0149	-5.4257	0.1685
422	SLU 50	-0.68	0.6	41.65	-0.0153	-5.4037	0.1512
422	SLU 51	-0.66	0.67	41.58	-0.0148	-5.3915	0.1674
422	SLU 52	-0.65	0.8	44.16	-0.0148	-5.7105	0.2001
422	SLU 53	-0.7	0.7	45.03	-0.0158	-5.8215	0.1769
422	SLU 54	-0.68	0.77	44.97	-0.0154	-5.8093	0.1931
422	SLU 55	-0.66	0.81	44.64	-0.015	-5.7671	0.2028
422	SLU 56	-0.71	0.72	45.51	-0.0161	-5.8782	0.1796
422	SLU 57	-0.69	0.78	45.45	-0.0156	-5.866	0.1958
422	SLU 58	-0.7	0.71	45.23	-0.016	-5.8441	0.1785
422	SLU 59	-0.68	0.78	45.16	-0.0156	-5.8319	0.1947
422	SLU 60	-0.7	0.74	45.8	-0.0159	-5.9195	0.1848
422	SLU 61	-0.68	0.8	45.74	-0.0154	-5.9073	0.201
422	SLU 62	-0.71	0.75	46.28	-0.0161	-5.9761	0.1876
422	SLU 63	-0.69	0.81	46.22	-0.0156	-5.964	0.2037
422	SLU 64	-0.72	0.68	44.28	-0.0155	-5.7274	0.1707
422	SLU 65	-0.69	0.79	44.17	-0.0147	-5.7072	0.1977
422	SLU 66	-0.73	0.7	45.04	-0.0157	-5.8182	0.1745
422	SLU 67	-0.72	0.76	44.98	-0.0153	-5.806	0.1907
422	SLU 68	-0.7	0.8	44.65	-0.0149	-5.7638	0.2004
422	SLU 69	-0.74	0.71	45.52	-0.016	-5.8748	0.1772
422	SLU 70	-0.72	0.77	45.46	-0.0155	-5.8627	0.1934
422	SLU 71	-0.74	0.7	45.23	-0.0159	-5.8407	0.1761
422	SLU 72	-0.72	0.77	45.17	-0.0155	-5.8286	0.1923
422	SLU 73	-0.71	0.9	47.75	-0.0154	-6.1475	0.225
422	SLU 74	-0.76	0.8	48.62	-0.0165	-6.2585	0.2019
422	SLU 75	-0.74	0.87	48.55	-0.016	-6.2464	0.2181
422	SLU 76	-0.72	0.91	48.23	-0.0156	-6.2041	0.2277
422	SLU 77	-0.77	0.82	49.1	-0.0167	-6.3152	0.2046
422	SLU 78	-0.75	0.88	49.03	-0.0162	-6.303	0.2208
422	SLU 79	-0.76	0.81	48.81	-0.0167	-6.2811	0.2035
422	SLU 80	-0.74	0.88	48.75	-0.0162	-6.2689	0.2197
422	SLU 81	-0.76	0.84	49.39	-0.0165	-6.3565	0.2098
422	SLU 82	-0.74	0.9	49.32	-0.016	-6.3443	0.226
422	SLU 83	-0.77	0.85	49.87	-0.0167	-6.4131	0.2125
422	SLU 84	-0.75	0.91	49.8	-0.0163	-6.401	0.2287
422	SLE RA 1	-0.54	0.5	33.27	-0.0118	-4.3097	0.1259
422	SLE RA 2	-0.52	0.57	33.2	-0.0112	-4.2962	0.1438
422	SLE RA 3	-0.55	0.51	33.78	-0.0119	-4.3702	0.1284
422	SLE RA 4	-0.54	0.55	33.74	-0.0116	-4.3621	0.1392
422	SLE RA 5	-0.53	0.58	33.52	-0.0114	-4.3339	0.1456
422	SLE RA 6	-0.56	0.52	34.1	-0.0121	-4.4079	0.1302
422	SLE RA 7	-0.54	0.56	34.06	-0.0118	-4.3998	0.141
422	SLE RA 8	-0.55	0.52	33.91	-0.0121	-4.3852	0.1295
422	SLE RA 9	-0.54	0.56	33.87	-0.0118	-4.3771	0.1403
422	SLE RA 10	-0.54	0.65	35.59	-0.0117	-4.5897	0.1621
422	SLE RA 11	-0.57	0.58	36.17	-0.0124	-4.6637	0.1466
422	SLE RA 12	-0.56	0.63	36.12	-0.0121	-4.6556	0.1574
422	SLE RA 13	-0.54	0.65	35.9	-0.0119	-4.6275	0.1639
422	SLE RA 14	-0.57	0.59	36.48	-0.0126	-4.7015	0.1484



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
422	SLE RA 15	-0.56	0.63	36.44	-0.0123	-4.6934	0.1592
422	SLE RA 16	-0.57	0.59	36.29	-0.0126	-4.6788	0.1477
422	SLE RA 17	-0.56	0.63	36.25	-0.0122	-4.6706	0.1585
422	SLE RA 18	-0.57	0.61	36.68	-0.0125	-4.729	0.1519
422	SLE RA 19	-0.55	0.65	36.64	-0.0121	-4.7209	0.1627
422	SLE RA 20	-0.57	0.61	37	-0.0126	-4.7668	0.1537
422	SLE RA 21	-0.56	0.66	36.96	-0.0123	-4.7587	0.1645
422	SLE FR 1	-0.54	0.5	33.27	-0.0118	-4.3097	0.1259
422	SLE FR 2	-0.54	0.52	33.26	-0.0117	-4.307	0.1295
422	SLE FR 3	-0.54	0.5	33.4	-0.0118	-4.3248	0.1266
422	SLE FR 4	-0.54	0.55	34.28	-0.0119	-4.4328	0.1373
422	SLE FR 5	-0.55	0.54	34.42	-0.012	-4.4506	0.1344
422	SLE FR 6	-0.55	0.55	34.98	-0.0121	-4.5194	0.1389
422	SLE QP 1	-0.54	0.5	33.27	-0.0118	-4.3097	0.1259
422	SLE QP 2	-0.55	0.53	34.29	-0.012	-4.4355	0.1337
422	SLD 1	2.05	1.17	44.07	-0.0194	-5.5678	0.2948
422	SLD 2	2.23	0.63	43.77	-0.0174	-5.5366	0.1607
422	SLD 3	2.08	-0.14	43.53	-0.016	-5.5155	-0.033
422	SLD 4	2.27	-0.68	43.24	-0.0141	-5.4844	-0.1671
422	SLD 5	0.15	2.81	38.09	-0.0196	-4.8601	0.7033
422	SLD 6	0.27	2.45	37.89	-0.0184	-4.8395	0.6149
422	SLD 7	0.25	-1.56	36.31	-0.0084	-4.6858	-0.3895
422	SLD 8	0.38	-1.92	36.11	-0.0072	-4.6653	-0.4778
422	SLD 9	-1.47	2.98	32.47	-0.0168	-4.2057	0.7452
422	SLD 10	-1.35	2.63	32.28	-0.0155	-4.1852	0.6568
422	SLD 11	-1.37	-1.38	30.69	-0.0056	-4.0314	-0.3476
422	SLD 12	-1.24	-1.74	30.5	-0.0043	-4.0109	-0.4359
422	SLD 13	-3.36	1.75	25.35	-0.0098	-3.3866	0.4345
422	SLD 14	-3.18	1.21	25.05	-0.0079	-3.3554	0.3003
422	SLD 15	-3.33	0.44	24.82	-0.0065	-3.3343	0.1067
422	SLD 16	-3.14	-0.1	24.52	-0.0046	-3.3031	-0.0275
422	SLV 1	5.52	1.96	57.16	-0.0291	-7.0848	0.4973
422	SLV 2	5.96	0.7	56.47	-0.0247	-7.0122	0.1849
422	SLV 3	5.6	-1.01	55.95	-0.0215	-6.9658	-0.2454
422	SLV 4	6.04	-2.27	55.25	-0.0171	-6.8932	-0.5578
422	SLV 5	1.08	5.68	43.11	-0.0294	-5.4234	1.4233
422	SLV 6	1.37	4.87	42.66	-0.0266	-5.3765	1.2212
422	SLV 7	1.33	-4.21	39.07	-0.0041	-5.0266	-1.0522
422	SLV 8	1.62	-5.03	38.63	-0.0012	-4.9796	-1.2543
422	SLV 9	-2.71	6.09	29.96	-0.0227	-3.8913	1.5217
422	SLV 10	-2.43	5.28	29.51	-0.0199	-3.8444	1.3195
422	SLV 11	-2.46	-3.8	25.93	0.0026	-3.4945	-0.9539
422	SLV 12	-2.18	-4.61	25.48	0.0055	-3.4475	-1.156
422	SLV 13	-7.13	3.33	13.33	-0.0068	-1.9778	0.8251
422	SLV 14	-6.7	2.07	12.64	-0.0024	-1.9052	0.5127
422	SLV 15	-7.06	0.36	12.12	0.0008	-1.8587	0.0825
422	SLV 16	-6.62	-0.89	11.43	0.0052	-1.7861	-0.2299
422	CRTFP Ux+	0	0	0	0	0	0
422	CRTFP Ux-	0	0	0	0	0	0
422	CRTFP Uy+	0	0	0	0	0	0
422	CRTFP Uy-	0	0	0	0	0	0
425	SLU 1	-0.72	-1.27	61.74	-0.0299	-0.2916	-0.0112
425	SLU 2	-0.69	-1.17	61.69	-0.0293	-0.2979	-0.0092
425	SLU 3	-0.74	-1.29	63.19	-0.0304	-0.2985	-0.0116
425	SLU 4	-0.72	-1.23	63.16	-0.03	-0.3023	-0.0104
425	SLU 5	-0.7	-1.19	62.61	-0.0298	-0.3022	-0.0094
425	SLU 6	-0.76	-1.31	64.11	-0.031	-0.3027	-0.0117
425	SLU 7	-0.74	-1.25	64.08	-0.0306	-0.3065	-0.0105
425	SLU 8	-0.75	-1.31	63.58	-0.0311	-0.3	-0.0114
425	SLU 9	-0.73	-1.25	63.55	-0.0307	-0.3038	-0.0103
425	SLU 10	-0.71	-1.22	68.86	-0.031	-0.3433	-0.0106
425	SLU 11	-0.76	-1.34	70.36	-0.0322	-0.3439	-0.0129
425	SLU 12	-0.74	-1.28	70.33	-0.0318	-0.3477	-0.0118
425	SLU 13	-0.72	-1.24	69.78	-0.0316	-0.3475	-0.0107
425	SLU 14	-0.78	-1.36	71.27	-0.0327	-0.3481	-0.0131
425	SLU 15	-0.76	-1.3	71.25	-0.0323	-0.3519	-0.0119
425	SLU 16	-0.77	-1.36	70.74	-0.0328	-0.3454	-0.0128
425	SLU 17	-0.75	-1.3	70.71	-0.0324	-0.3492	-0.0116
425	SLU 18	-0.75	-1.34	71.98	-0.0324	-0.3564	-0.0131
425	SLU 19	-0.73	-1.28	71.95	-0.032	-0.3602	-0.012
425	SLU 20	-0.76	-1.36	72.9	-0.0329	-0.3606	-0.0133
425	SLU 21	-0.75	-1.3	72.87	-0.0326	-0.3644	-0.0121
425	SLU 22	-0.8	-1.28	68.51	-0.0308	-0.3214	-0.0137
425	SLU 23	-0.77	-1.18	68.46	-0.0302	-0.3277	-0.0118
425	SLU 24	-0.82	-1.3	69.96	-0.0314	-0.3282	-0.0141
425	SLU 25	-0.81	-1.24	69.93	-0.031	-0.3321	-0.0129
425	SLU 26	-0.79	-1.2	69.38	-0.0308	-0.3319	-0.0119
425	SLU 27	-0.84	-1.32	70.88	-0.0319	-0.3325	-0.0142
425	SLU 28	-0.82	-1.26	70.85	-0.0316	-0.3363	-0.0131
425	SLU 29	-0.83	-1.32	70.35	-0.032	-0.3298	-0.0139
425	SLU 30	-0.81	-1.26	70.32	-0.0316	-0.3336	-0.0128
425	SLU 31	-0.79	-1.23	75.63	-0.0319	-0.3731	-0.0131
425	SLU 32	-0.85	-1.35	77.13	-0.0331	-0.3736	-0.0155
425	SLU 33	-0.83	-1.29	77.1	-0.0327	-0.3775	-0.0143
425	SLU 34	-0.81	-1.25	76.55	-0.0325	-0.3773	-0.0133
425	SLU 35	-0.86	-1.37	78.05	-0.0337	-0.3778	-0.0156
425	SLU 36	-0.84	-1.31	78.02	-0.0333	-0.3817	-0.0144
425	SLU 37	-0.85	-1.37	77.52	-0.0337	-0.3752	-0.0153
425	SLU 38	-0.83	-1.31	77.49	-0.0333	-0.379	-0.0142



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
425	SLU 39	-0.83	-1.35	78.75	-0.0333	-0.3862	-0.0157
425	SLU 40	-0.81	-1.29	78.72	-0.0329	-0.39	-0.0145
425	SLU 41	-0.85	-1.37	79.67	-0.0339	-0.3904	-0.0158
425	SLU 42	-0.83	-1.31	79.64	-0.0335	-0.3942	-0.0146
425	SLU 43	-0.91	-1.65	77.94	-0.0386	-0.3689	-0.0136
425	SLU 44	-0.88	-1.55	77.89	-0.0379	-0.3752	-0.0117
425	SLU 45	-0.93	-1.67	79.39	-0.0391	-0.3757	-0.014
425	SLU 46	-0.91	-1.61	79.36	-0.0387	-0.3796	-0.0129
425	SLU 47	-0.89	-1.57	78.81	-0.0385	-0.3794	-0.0118
425	SLU 48	-0.94	-1.69	80.31	-0.0397	-0.38	-0.0142
425	SLU 49	-0.92	-1.63	80.28	-0.0393	-0.3838	-0.013
425	SLU 50	-0.94	-1.69	79.78	-0.0397	-0.3773	-0.0139
425	SLU 51	-0.92	-1.63	79.75	-0.0393	-0.3811	-0.0127
425	SLU 52	-0.9	-1.6	85.06	-0.0396	-0.4206	-0.0131
425	SLU 53	-0.95	-1.72	86.55	-0.0408	-0.4211	-0.0154
425	SLU 54	-0.93	-1.66	86.53	-0.0404	-0.425	-0.0143
425	SLU 55	-0.91	-1.62	85.98	-0.0402	-0.4248	-0.0132
425	SLU 56	-0.96	-1.74	87.47	-0.0414	-0.4253	-0.0156
425	SLU 57	-0.94	-1.68	87.44	-0.041	-0.4292	-0.0144
425	SLU 58	-0.96	-1.74	86.94	-0.0414	-0.4227	-0.0153
425	SLU 59	-0.94	-1.68	86.91	-0.041	-0.4265	-0.0141
425	SLU 60	-0.94	-1.72	88.18	-0.041	-0.4337	-0.0156
425	SLU 61	-0.92	-1.66	88.15	-0.0406	-0.4375	-0.0145
425	SLU 62	-0.95	-1.74	89.09	-0.0416	-0.4379	-0.0157
425	SLU 63	-0.93	-1.68	89.07	-0.0412	-0.4417	-0.0146
425	SLU 64	-0.99	-1.66	84.71	-0.0395	-0.3986	-0.0162
425	SLU 65	-0.96	-1.56	84.66	-0.0389	-0.405	-0.0142
425	SLU 66	-1.01	-1.68	86.16	-0.04	-0.4055	-0.0166
425	SLU 67	-0.99	-1.62	86.13	-0.0396	-0.4093	-0.0154
425	SLU 68	-0.97	-1.58	85.58	-0.0394	-0.4092	-0.0144
425	SLU 69	-1.03	-1.7	87.08	-0.0406	-0.4097	-0.0167
425	SLU 70	-1.01	-1.64	87.05	-0.0402	-0.4135	-0.0155
425	SLU 71	-1.02	-1.7	86.55	-0.0406	-0.407	-0.0164
425	SLU 72	-1	-1.64	86.52	-0.0403	-0.4109	-0.0153
425	SLU 73	-0.98	-1.61	91.83	-0.0406	-0.4504	-0.0156
425	SLU 74	-1.03	-1.73	93.33	-0.0417	-0.4509	-0.018
425	SLU 75	-1.01	-1.67	93.3	-0.0414	-0.4547	-0.0168
425	SLU 76	-1	-1.63	92.75	-0.0412	-0.4546	-0.0158
425	SLU 77	-1.05	-1.75	94.25	-0.0423	-0.4551	-0.0181
425	SLU 78	-1.03	-1.69	94.22	-0.0419	-0.4589	-0.0169
425	SLU 79	-1.04	-1.75	93.72	-0.0424	-0.4524	-0.0178
425	SLU 80	-1.02	-1.69	93.69	-0.042	-0.4562	-0.0167
425	SLU 81	-1.02	-1.73	94.95	-0.042	-0.4635	-0.0181
425	SLU 82	-1	-1.67	94.92	-0.0416	-0.4673	-0.017
425	SLU 83	-1.03	-1.75	95.87	-0.0425	-0.4677	-0.0183
425	SLU 84	-1.02	-1.69	95.84	-0.0422	-0.4715	-0.0171
425	SLE RA 1	-0.74	-1.28	63.68	-0.0302	-0.3001	-0.0119
425	SLE RA 2	-0.72	-1.21	63.64	-0.0298	-0.3043	-0.0106
425	SLE RA 3	-0.76	-1.29	64.64	-0.0305	-0.3047	-0.0121
425	SLE RA 4	-0.75	-1.25	64.62	-0.0303	-0.3072	-0.0114
425	SLE RA 5	-0.73	-1.22	64.26	-0.0301	-0.3071	-0.0107
425	SLE RA 6	-0.77	-1.3	65.25	-0.0309	-0.3075	-0.0122
425	SLE RA 7	-0.76	-1.26	65.24	-0.0307	-0.31	-0.0115
425	SLE RA 8	-0.76	-1.3	64.9	-0.0309	-0.3057	-0.012
425	SLE RA 9	-0.75	-1.26	64.88	-0.0307	-0.3082	-0.0113
425	SLE RA 10	-0.74	-1.24	68.42	-0.0309	-0.3346	-0.0115
425	SLE RA 11	-0.77	-1.32	69.42	-0.0317	-0.3349	-0.0131
425	SLE RA 12	-0.76	-1.28	69.4	-0.0314	-0.3375	-0.0123
425	SLE RA 13	-0.75	-1.25	69.03	-0.0313	-0.3374	-0.0116
425	SLE RA 14	-0.78	-1.33	70.03	-0.0321	-0.3377	-0.0132
425	SLE RA 15	-0.77	-1.29	70.01	-0.0318	-0.3403	-0.0124
425	SLE RA 16	-0.78	-1.33	69.68	-0.0321	-0.336	-0.013
425	SLE RA 17	-0.76	-1.29	69.66	-0.0318	-0.3385	-0.0122
425	SLE RA 18	-0.76	-1.32	70.5	-0.0318	-0.3433	-0.0132
425	SLE RA 19	-0.75	-1.28	70.48	-0.0316	-0.3459	-0.0124
425	SLE RA 20	-0.77	-1.33	71.11	-0.0322	-0.3461	-0.0133
425	SLE RA 21	-0.76	-1.29	71.09	-0.0319	-0.3487	-0.0125
425	SLE FR 1	-0.74	-1.28	63.68	-0.0302	-0.3001	-0.0119
425	SLE FR 2	-0.74	-1.26	63.67	-0.0301	-0.3009	-0.0116
425	SLE FR 3	-0.75	-1.28	63.92	-0.0303	-0.3012	-0.0119
425	SLE FR 4	-0.75	-1.28	65.72	-0.0306	-0.3139	-0.012
425	SLE FR 5	-0.75	-1.29	65.97	-0.0308	-0.3142	-0.0123
425	SLE FR 6	-0.75	-1.3	67.09	-0.031	-0.3217	-0.0125
425	SLE QP 1	-0.74	-1.28	63.68	-0.0302	-0.3001	-0.0119
425	SLE QP 2	-0.75	-1.29	65.72	-0.0307	-0.3131	-0.0123
425	SLD 1	4.85	-1.04	71.61	-0.0408	-0.1091	0.0128
425	SLD 2	5.25	-1.42	71.34	-0.0387	-0.1156	0.0255
425	SLD 3	4.92	-2.71	71.04	-0.0333	-0.1388	0.0152
425	SLD 4	5.33	-3.09	70.77	-0.0311	-0.1453	0.0279
425	SLD 5	0.74	1.37	68.4	-0.0455	-0.2057	-0.0107
425	SLD 6	1.01	1.12	68.22	-0.0441	-0.21	-0.0024
425	SLD 7	0.99	-4.17	66.51	-0.0204	-0.3046	-0.0026
425	SLD 8	1.26	-4.42	66.33	-0.019	-0.3089	0.0057
425	SLD 9	-2.76	1.84	65.12	-0.0424	-0.3172	-0.0303
425	SLD 10	-2.49	1.59	64.94	-0.041	-0.3215	-0.0219
425	SLD 11	-2.51	-3.7	63.22	-0.0172	-0.4161	-0.0222
425	SLD 12	-2.24	-3.95	63.05	-0.0158	-0.4204	-0.0138
425	SLD 13	-6.83	0.51	60.67	-0.0302	-0.4808	-0.0524
425	SLD 14	-6.42	0.13	60.4	-0.0281	-0.4873	-0.0397



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
425	SLD 15	-6.75	-1.15	60.1	-0.0227	-0.5105	-0.05
425	SLD 16	-6.35	-1.53	59.84	-0.0205	-0.517	-0.0373
425	SLV 1	12.35	-0.78	79.48	-0.0542	0.1636	0.0464
425	SLV 2	13.29	-1.66	78.85	-0.0491	0.1485	0.076
425	SLV 3	12.53	-4.54	78.19	-0.0371	0.0955	0.052
425	SLV 4	13.47	-5.43	77.57	-0.032	0.0804	0.0816
425	SLV 5	2.75	4.73	71.91	-0.0645	-0.0642	-0.0083
425	SLV 6	3.36	4.16	71.5	-0.0613	-0.074	0.0108
425	SLV 7	3.34	-7.82	67.62	-0.0075	-0.2911	0.0104
425	SLV 8	3.95	-8.39	67.22	-0.0043	-0.3009	0.0295
425	SLV 9	-5.45	5.82	64.23	-0.0571	-0.3252	-0.0541
425	SLV 10	-4.84	5.25	63.83	-0.0538	-0.335	-0.035
425	SLV 11	-4.86	-6.73	59.94	-0.0001	-0.5522	-0.0353
425	SLV 12	-4.25	-7.31	59.54	0.0032	-0.562	-0.0162
425	SLV 13	-14.97	2.85	53.88	-0.0293	-0.7065	-0.1061
425	SLV 14	-14.03	1.97	53.25	-0.0243	-0.7217	-0.0766
425	SLV 15	-14.79	-0.91	52.59	-0.0122	-0.7746	-0.1005
425	SLV 16	-13.85	-1.8	51.97	-0.0072	-0.7897	-0.0709
425	CRTFP Ux+	0	0	0	0	0	0
425	CRTFP Ux-	0	0	0	0	0	0
429	SLU 1	0.52	-0.57	62.86	-0.0286	0.3168	0.0012
429	SLU 2	0.5	-0.47	62.82	-0.0278	0.3234	-0.0003
429	SLU 3	0.54	-0.58	64.35	-0.0292	0.3235	0.0013
429	SLU 4	0.53	-0.52	64.32	-0.0287	0.3274	0.0004
429	SLU 5	0.51	-0.48	63.75	-0.0283	0.3268	-0.0003
429	SLU 6	0.55	-0.6	65.28	-0.0297	0.3268	0.0012
429	SLU 7	0.53	-0.54	65.25	-0.0292	0.3308	0.0004
429	SLU 8	0.54	-0.6	64.72	-0.0296	0.3235	0.0011
429	SLU 9	0.52	-0.54	64.69	-0.0291	0.3275	0.0002
429	SLU 10	0.52	-0.45	70.22	-0.0301	0.3681	-0.0004
429	SLU 11	0.56	-0.56	71.75	-0.0316	0.3681	0.0011
429	SLU 12	0.55	-0.5	71.72	-0.0311	0.3721	0.0003
429	SLU 13	0.53	-0.47	71.15	-0.0306	0.3714	-0.0005
429	SLU 14	0.57	-0.58	72.68	-0.0321	0.3714	0.0011
429	SLU 15	0.56	-0.52	72.65	-0.0316	0.3754	0.0002
429	SLU 16	0.56	-0.58	72.12	-0.0319	0.3681	0.001
429	SLU 17	0.55	-0.52	72.09	-0.0315	0.3721	0.0001
429	SLU 18	0.56	-0.55	73.43	-0.0319	0.3806	0.001
429	SLU 19	0.54	-0.48	73.4	-0.0314	0.3845	0.0001
429	SLU 20	0.57	-0.56	74.36	-0.0324	0.3839	0.001
429	SLU 21	0.55	-0.5	74.33	-0.032	0.3879	0.0001
429	SLU 22	0.6	-0.51	69.93	-0.03	0.342	0.0024
429	SLU 23	0.58	-0.41	69.89	-0.0292	0.3486	0.0009
429	SLU 24	0.62	-0.52	71.42	-0.0306	0.3487	0.0025
429	SLU 25	0.61	-0.46	71.4	-0.0301	0.3526	0.0016
429	SLU 26	0.59	-0.42	70.82	-0.0297	0.352	0.0009
429	SLU 27	0.63	-0.54	72.35	-0.0311	0.352	0.0025
429	SLU 28	0.61	-0.48	72.33	-0.0307	0.356	0.0016
429	SLU 29	0.62	-0.54	71.79	-0.031	0.3487	0.0023
429	SLU 30	0.6	-0.48	71.77	-0.0305	0.3527	0.0015
429	SLU 31	0.6	-0.39	77.29	-0.0315	0.3933	0.0008
429	SLU 32	0.64	-0.51	78.82	-0.033	0.3933	0.0024
429	SLU 33	0.63	-0.44	78.79	-0.0325	0.3973	0.0015
429	SLU 34	0.61	-0.41	78.22	-0.032	0.3966	0.0008
429	SLU 35	0.65	-0.52	79.75	-0.0335	0.3966	0.0023
429	SLU 36	0.64	-0.46	79.72	-0.033	0.4006	0.0014
429	SLU 37	0.64	-0.53	79.19	-0.0334	0.3933	0.0022
429	SLU 38	0.63	-0.46	79.17	-0.0329	0.3973	0.0013
429	SLU 39	0.64	-0.49	80.5	-0.0334	0.4058	0.0022
429	SLU 40	0.62	-0.43	80.48	-0.0329	0.4098	0.0013
429	SLU 41	0.65	-0.5	81.43	-0.0339	0.4091	0.0022
429	SLU 42	0.63	-0.44	81.41	-0.0334	0.4131	0.0013
429	SLU 43	0.65	-0.76	79.29	-0.0367	0.4032	0.0011
429	SLU 44	0.63	-0.66	79.25	-0.0359	0.4098	-0.0004
429	SLU 45	0.67	-0.77	80.78	-0.0373	0.4098	0.0012
429	SLU 46	0.66	-0.71	80.76	-0.0368	0.4138	0.0003
429	SLU 47	0.64	-0.68	80.18	-0.0364	0.4132	-0.0004
429	SLU 48	0.68	-0.79	81.71	-0.0378	0.4132	0.0012
429	SLU 49	0.66	-0.73	81.69	-0.0373	0.4172	0.0003
429	SLU 50	0.67	-0.79	81.15	-0.0377	0.4099	0.0011
429	SLU 51	0.65	-0.73	81.13	-0.0372	0.4139	0.0002
429	SLU 52	0.65	-0.64	86.65	-0.0382	0.4545	-0.0005
429	SLU 53	0.69	-0.76	88.18	-0.0396	0.4545	0.0011
429	SLU 54	0.68	-0.69	88.16	-0.0392	0.4585	0.0002
429	SLU 55	0.66	-0.66	87.58	-0.0387	0.4578	-0.0005
429	SLU 56	0.7	-0.77	89.11	-0.0402	0.4578	0.0011
429	SLU 57	0.69	-0.71	89.09	-0.0397	0.4618	0.0002
429	SLU 58	0.69	-0.78	88.55	-0.04	0.4545	0.0009
429	SLU 59	0.68	-0.71	88.53	-0.0395	0.4585	0
429	SLU 60	0.69	-0.74	89.86	-0.04	0.467	0.0009
429	SLU 61	0.67	-0.68	89.84	-0.0395	0.4709	0
429	SLU 62	0.7	-0.75	90.79	-0.0405	0.4703	0.0009
429	SLU 63	0.68	-0.69	90.77	-0.04	0.4743	0
429	SLU 64	0.73	-0.7	86.36	-0.0381	0.4284	0.0024
429	SLU 65	0.71	-0.6	86.32	-0.0373	0.435	0.0009
429	SLU 66	0.75	-0.72	87.85	-0.0387	0.4351	0.0024
429	SLU 67	0.74	-0.65	87.83	-0.0382	0.439	0.0016
429	SLU 68	0.72	-0.62	87.25	-0.0378	0.4384	0.0008
429	SLU 69	0.76	-0.73	88.78	-0.0392	0.4384	0.0024



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
429	SLU 70	0.74	-0.67	88.76	-0.0387	0.4424	0.0015
429	SLU 71	0.75	-0.74	88.22	-0.0391	0.4351	0.0023
429	SLU 72	0.73	-0.67	88.2	-0.0386	0.4391	0.0014
429	SLU 73	0.73	-0.58	93.72	-0.0396	0.4797	0.0007
429	SLU 74	0.77	-0.7	95.25	-0.0411	0.4797	0.0023
429	SLU 75	0.76	-0.64	95.23	-0.0406	0.4837	0.0014
429	SLU 76	0.74	-0.6	94.65	-0.0401	0.483	0.0007
429	SLU 77	0.78	-0.71	96.18	-0.0416	0.483	0.0023
429	SLU 78	0.77	-0.65	96.16	-0.0411	0.487	0.0014
429	SLU 79	0.77	-0.72	95.62	-0.0415	0.4797	0.0022
429	SLU 80	0.76	-0.66	95.6	-0.041	0.4837	0.0013
429	SLU 81	0.77	-0.68	96.93	-0.0415	0.4922	0.0022
429	SLU 82	0.75	-0.62	96.91	-0.041	0.4962	0.0013
429	SLU 83	0.78	-0.69	97.86	-0.042	0.4955	0.0021
429	SLU 84	0.76	-0.63	97.84	-0.0415	0.4995	0.0012
429	SLE RA 1	0.55	-0.56	64.88	-0.029	0.324	0.0015
429	SLE RA 2	0.53	-0.49	64.85	-0.0284	0.3284	0.0006
429	SLE RA 3	0.56	-0.56	65.87	-0.0294	0.3284	0.0016
429	SLE RA 4	0.55	-0.52	65.86	-0.0291	0.3311	0.001
429	SLE RA 5	0.54	-0.5	65.47	-0.0288	0.3307	0.0005
429	SLE RA 6	0.56	-0.57	66.49	-0.0298	0.3307	0.0016
429	SLE RA 7	0.55	-0.53	66.48	-0.0294	0.3333	0.001
429	SLE RA 8	0.56	-0.58	66.12	-0.0297	0.3285	0.0015
429	SLE RA 9	0.55	-0.53	66.1	-0.0293	0.3311	0.0009
429	SLE RA 10	0.55	-0.47	69.78	-0.03	0.3582	0.0005
429	SLE RA 11	0.57	-0.55	70.8	-0.031	0.3582	0.0015
429	SLE RA 12	0.56	-0.51	70.79	-0.0306	0.3608	0.0009
429	SLE RA 13	0.55	-0.48	70.41	-0.0304	0.3604	0.0004
429	SLE RA 14	0.58	-0.56	71.42	-0.0313	0.3604	0.0015
429	SLE RA 15	0.57	-0.52	71.41	-0.031	0.3631	0.0009
429	SLE RA 16	0.57	-0.56	71.05	-0.0312	0.3582	0.0014
429	SLE RA 17	0.56	-0.52	71.04	-0.0309	0.3609	0.0008
429	SLE RA 18	0.57	-0.54	71.92	-0.0312	0.3665	0.0014
429	SLE RA 19	0.56	-0.5	71.91	-0.0309	0.3692	0.0008
429	SLE RA 20	0.58	-0.55	72.54	-0.0316	0.3687	0.0014
429	SLE RA 21	0.57	-0.51	72.53	-0.0312	0.3714	0.0008
429	SLE FR 1	0.55	-0.56	64.88	-0.029	0.324	0.0015
429	SLE FR 2	0.54	-0.54	64.87	-0.0289	0.3249	0.0013
429	SLE FR 3	0.55	-0.56	65.13	-0.0291	0.3249	0.0015
429	SLE FR 4	0.55	-0.54	66.99	-0.0296	0.3376	0.0013
429	SLE FR 5	0.56	-0.55	67.24	-0.0298	0.3377	0.0015
429	SLE FR 6	0.56	-0.55	68.4	-0.0301	0.3453	0.0015
429	SLE QP 1	0.55	-0.56	64.88	-0.029	0.324	0.0015
429	SLE QP 2	0.55	-0.55	66.99	-0.0297	0.3368	0.0015
429	SLD 1	6.33	0.72	61.9	-0.0225	0.4202	0.0431
429	SLD 2	6.75	1.13	62.24	-0.0245	0.4125	0.0554
429	SLD 3	6.23	-0.98	61.26	-0.0161	0.4507	0.0409
429	SLD 4	6.65	-0.57	61.6	-0.0182	0.443	0.0531
429	SLD 5	2.37	2.33	66.39	-0.0368	0.3169	0.0152
429	SLD 6	2.65	2.6	66.61	-0.0382	0.3118	0.0232
429	SLD 7	2.02	-3.33	64.23	-0.0156	0.4186	0.0078
429	SLD 8	2.3	-3.06	64.45	-0.0169	0.4135	0.0158
429	SLD 9	-1.19	1.96	69.53	-0.0424	0.26	-0.0128
429	SLD 10	-0.91	2.23	69.75	-0.0438	0.2549	-0.0048
429	SLD 11	-1.54	-3.7	67.37	-0.0212	0.3617	-0.0202
429	SLD 12	-1.26	-3.43	67.6	-0.0225	0.3566	-0.0122
429	SLD 13	-5.54	-0.53	72.39	-0.0412	0.2305	-0.0501
429	SLD 14	-5.12	-0.12	72.73	-0.0432	0.2228	-0.0379
429	SLD 15	-5.64	-2.23	71.74	-0.0348	0.261	-0.0523
429	SLD 16	-5.22	-1.82	72.08	-0.0368	0.2533	-0.0401
429	SLV 1	14.07	2.36	55.06	-0.0127	0.5329	0.0989
429	SLV 2	15.04	3.31	55.85	-0.0174	0.5149	0.1274
429	SLV 3	13.83	-1.49	53.6	0.0018	0.6023	0.0938
429	SLV 4	14.81	-0.54	54.39	-0.0029	0.5843	0.1222
429	SLV 5	4.8	6	65.5	-0.0457	0.2934	0.0336
429	SLV 6	5.43	6.61	66.02	-0.0487	0.2818	0.052
429	SLV 7	4.01	-6.84	60.61	0.0025	0.5248	0.0165
429	SLV 8	4.64	-6.22	61.12	-0.0005	0.5132	0.0349
429	SLV 9	-3.53	5.12	72.86	-0.0588	0.1603	-0.0319
429	SLV 10	-2.9	5.74	73.38	-0.0618	0.1487	-0.0135
429	SLV 11	-4.32	-7.71	67.97	-0.0106	0.3917	-0.049
429	SLV 12	-3.69	-7.1	68.48	-0.0137	0.3801	-0.0306
429	SLV 13	-13.7	-0.56	79.6	-0.0564	0.0892	-0.1192
429	SLV 14	-12.72	0.39	80.39	-0.0611	0.0713	-0.0908
429	SLV 15	-13.94	-4.41	78.13	-0.0419	0.1586	-0.1244
429	SLV 16	-12.96	-3.46	78.92	-0.0467	0.1407	-0.0959
429	CRITP Ux+	0	0	0	0	0	0
429	CRITP Ux-	0	0	0	0	0	0
430	SLU 1	0.49	0.37	36.11	-0.0119	7.6983	-0.1318
430	SLU 2	0.46	0.49	36	-0.011	7.6684	-0.172
430	SLU 3	0.5	0.38	36.97	-0.0122	7.8699	-0.1333
430	SLU 4	0.49	0.45	36.91	-0.0117	7.852	-0.1574
430	SLU 5	0.47	0.49	36.55	-0.0113	7.7754	-0.1715
430	SLU 6	0.51	0.38	37.51	-0.0125	7.9769	-0.1328
430	SLU 7	0.49	0.44	37.45	-0.012	7.959	-0.1569
430	SLU 8	0.5	0.37	37.19	-0.0124	7.9122	-0.1308
430	SLU 9	0.49	0.44	37.13	-0.0119	7.8943	-0.1549
430	SLU 10	0.48	0.6	40.03	-0.0119	8.4916	-0.2121
430	SLU 11	0.52	0.49	41	-0.0131	8.6931	-0.1734



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
430	SLU 12	0.51	0.56	40.94	-0.0126	8.6752	-0.1975
430	SLU 13	0.49	0.6	40.57	-0.0122	8.5986	-0.2116
430	SLU 14	0.53	0.49	41.54	-0.0134	8.8	-0.1729
430	SLU 15	0.51	0.56	41.48	-0.0129	8.7821	-0.197
430	SLU 16	0.52	0.48	41.22	-0.0133	8.7354	-0.1709
430	SLU 17	0.51	0.55	41.16	-0.0128	8.7175	-0.195
430	SLU 18	0.52	0.54	41.86	-0.0132	8.8742	-0.1891
430	SLU 19	0.5	0.61	41.8	-0.0127	8.8563	-0.2132
430	SLU 20	0.52	0.54	42.4	-0.0134	8.9812	-0.1886
430	SLU 21	0.51	0.6	42.34	-0.0129	8.9633	-0.2127
430	SLU 22	0.54	0.47	40.12	-0.0126	8.5124	-0.1665
430	SLU 23	0.52	0.59	40.01	-0.0118	8.4825	-0.2067
430	SLU 24	0.56	0.48	40.98	-0.013	8.684	-0.168
430	SLU 25	0.54	0.55	40.92	-0.0125	8.6661	-0.1921
430	SLU 26	0.53	0.59	40.55	-0.0121	8.5895	-0.2062
430	SLU 27	0.56	0.48	41.52	-0.0133	8.791	-0.1675
430	SLU 28	0.55	0.54	41.46	-0.0128	8.773	-0.1916
430	SLU 29	0.56	0.47	41.2	-0.0132	8.7263	-0.1655
430	SLU 30	0.54	0.54	41.14	-0.0127	8.7084	-0.1896
430	SLU 31	0.54	0.7	44.04	-0.0127	9.3057	-0.2467
430	SLU 32	0.58	0.59	45.01	-0.0139	9.5072	-0.2081
430	SLU 33	0.56	0.66	44.95	-0.0134	9.4892	-0.2322
430	SLU 34	0.55	0.7	44.58	-0.013	9.4126	-0.2462
430	SLU 35	0.59	0.59	45.55	-0.0142	9.6141	-0.2076
430	SLU 36	0.57	0.66	45.49	-0.0137	9.5962	-0.2317
430	SLU 37	0.58	0.58	45.23	-0.0141	9.5495	-0.2056
430	SLU 38	0.56	0.65	45.17	-0.0136	9.5316	-0.2297
430	SLU 39	0.57	0.64	45.87	-0.0139	9.6883	-0.2238
430	SLU 40	0.56	0.7	45.81	-0.0134	9.6704	-0.2479
430	SLU 41	0.58	0.63	46.41	-0.0142	9.7953	-0.2233
430	SLU 42	0.57	0.7	46.35	-0.0137	9.7774	-0.2474
430	SLU 43	0.61	0.45	45.57	-0.0152	9.7287	-0.1595
430	SLU 44	0.59	0.57	45.46	-0.0143	9.6988	-0.1996
430	SLU 45	0.63	0.46	46.43	-0.0155	9.9003	-0.161
430	SLU 46	0.61	0.52	46.37	-0.015	9.8824	-0.1851
430	SLU 47	0.6	0.56	46	-0.0146	9.8058	-0.1991
430	SLU 48	0.63	0.45	46.97	-0.0158	10.0073	-0.1605
430	SLU 49	0.62	0.52	46.91	-0.0153	9.9894	-0.1846
430	SLU 50	0.63	0.45	46.65	-0.0157	9.9426	-0.1585
430	SLU 51	0.61	0.52	46.59	-0.0152	9.9247	-0.1826
430	SLU 52	0.61	0.68	49.49	-0.0152	10.522	-0.2397
430	SLU 53	0.65	0.57	50.46	-0.0164	10.7235	-0.2011
430	SLU 54	0.63	0.64	50.4	-0.0159	10.7055	-0.2252
430	SLU 55	0.62	0.68	50.03	-0.0155	10.629	-0.2392
430	SLU 56	0.66	0.57	51	-0.0167	10.8304	-0.2006
430	SLU 57	0.64	0.64	50.94	-0.0162	10.8125	-0.2247
430	SLU 58	0.65	0.56	50.68	-0.0166	10.7658	-0.1986
430	SLU 59	0.64	0.63	50.61	-0.0161	10.7479	-0.2227
430	SLU 60	0.64	0.61	51.32	-0.0165	10.9046	-0.2168
430	SLU 61	0.63	0.68	51.26	-0.016	10.8867	-0.2408
430	SLU 62	0.65	0.61	51.86	-0.0167	11.0116	-0.2163
430	SLU 63	0.64	0.68	51.8	-0.0162	10.9937	-0.2403
430	SLU 64	0.67	0.55	49.57	-0.016	10.5428	-0.1942
430	SLU 65	0.65	0.67	49.47	-0.0151	10.5129	-0.2343
430	SLU 66	0.68	0.55	50.44	-0.0163	10.7144	-0.1957
430	SLU 67	0.67	0.62	50.38	-0.0158	10.6965	-0.2197
430	SLU 68	0.65	0.66	50.01	-0.0154	10.6199	-0.2338
430	SLU 69	0.69	0.55	50.98	-0.0166	10.8213	-0.1952
430	SLU 70	0.68	0.62	50.92	-0.0161	10.8034	-0.2192
430	SLU 71	0.69	0.55	50.66	-0.0165	10.7567	-0.1932
430	SLU 72	0.67	0.62	50.59	-0.016	10.7388	-0.2173
430	SLU 73	0.67	0.78	53.5	-0.016	11.3361	-0.2744
430	SLU 74	0.71	0.67	54.47	-0.0172	11.5375	-0.2358
430	SLU 75	0.69	0.74	54.41	-0.0167	11.5196	-0.2598
430	SLU 76	0.67	0.78	54.04	-0.0163	11.443	-0.2739
430	SLU 77	0.71	0.67	55.01	-0.0175	11.6445	-0.2353
430	SLU 78	0.7	0.74	54.95	-0.017	11.6266	-0.2593
430	SLU 79	0.71	0.66	54.68	-0.0174	11.5799	-0.2333
430	SLU 80	0.69	0.73	54.62	-0.0169	11.5619	-0.2573
430	SLU 81	0.7	0.71	55.33	-0.0172	11.7187	-0.2515
430	SLU 82	0.69	0.78	55.27	-0.0167	11.7008	-0.2755
430	SLU 83	0.71	0.71	55.87	-0.0175	11.8257	-0.251
430	SLU 84	0.69	0.78	55.81	-0.017	11.8078	-0.275
430	SLE RA 1	0.5	0.4	37.25	-0.0121	7.9309	-0.1417
430	SLE RA 2	0.49	0.48	37.18	-0.0115	7.911	-0.1685
430	SLE RA 3	0.51	0.4	37.83	-0.0123	8.0453	-0.1427
430	SLE RA 4	0.5	0.45	37.79	-0.012	8.0334	-0.1588
430	SLE RA 5	0.49	0.48	37.55	-0.0117	7.9823	-0.1682
430	SLE RA 6	0.52	0.4	38.19	-0.0125	8.1166	-0.1424
430	SLE RA 7	0.51	0.45	38.15	-0.0122	8.1047	-0.1585
430	SLE RA 8	0.51	0.4	37.97	-0.0124	8.0735	-0.1411
430	SLE RA 9	0.5	0.45	37.93	-0.0121	8.0616	-0.1571
430	SLE RA 10	0.5	0.55	39.87	-0.0121	8.4598	-0.1952
430	SLE RA 11	0.53	0.48	40.52	-0.0129	8.5941	-0.1695
430	SLE RA 12	0.52	0.53	40.47	-0.0126	8.5821	-0.1855
430	SLE RA 13	0.51	0.55	40.23	-0.0123	8.5311	-0.1949
430	SLE RA 14	0.53	0.48	40.88	-0.0131	8.6654	-0.1691
430	SLE RA 15	0.52	0.53	40.83	-0.0128	8.6534	-0.1852
430	SLE RA 16	0.53	0.48	40.66	-0.013	8.6223	-0.1678



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
430	SLE RA 17	0.52	0.52	40.62	-0.0127	8.6104	-0.1839
430	SLE RA 18	0.52	0.51	41.09	-0.013	8.7149	-0.1799
430	SLE RA 19	0.51	0.56	41.05	-0.0126	8.7029	-0.196
430	SLE RA 20	0.53	0.51	41.45	-0.0131	8.7862	-0.1796
430	SLE RA 21	0.52	0.56	41.41	-0.0128	8.7742	-0.1956
430	SLE FR 1	0.5	0.4	37.25	-0.0121	7.9309	-0.1417
430	SLE FR 2	0.5	0.42	37.24	-0.012	7.9269	-0.1471
430	SLE FR 3	0.51	0.4	37.4	-0.0122	7.9594	-0.1416
430	SLE FR 4	0.51	0.45	38.39	-0.0122	8.1621	-0.1586
430	SLE FR 5	0.51	0.43	38.55	-0.0124	8.1946	-0.1531
430	SLE FR 6	0.51	0.46	39.17	-0.0125	8.3229	-0.1608
430	SLE QP 1	0.5	0.4	37.25	-0.0121	7.9309	-0.1417
430	SLE QP 2	0.51	0.43	38.4	-0.0124	8.1661	-0.1532
430	SLD 1	3.82	1.02	28.11	-0.0074	6.1921	-0.3598
430	SLD 2	4.05	1.66	28.46	-0.0096	6.2528	-0.5802
430	SLD 3	3.74	-0.41	27.56	-0.0033	6.1106	0.1421
430	SLD 4	3.97	0.22	27.91	-0.0055	6.1713	-0.0783
430	SLD 5	1.57	2.67	36.08	-0.0167	7.6866	-0.9368
430	SLD 6	1.72	3.09	36.31	-0.0182	7.7266	-1.082
430	SLD 7	1.33	-2.11	34.26	-0.003	7.4149	0.7361
430	SLD 8	1.48	-1.69	34.49	-0.0044	7.4549	0.5909
430	SLD 9	-0.46	2.56	42.32	-0.0203	8.8773	-0.8973
430	SLD 10	-0.31	2.98	42.55	-0.0218	8.9173	-1.0425
430	SLD 11	-0.7	-2.22	40.49	-0.0065	8.6055	0.7756
430	SLD 12	-0.55	-1.8	40.72	-0.008	8.6455	0.6304
430	SLD 13	-2.96	0.65	48.9	-0.0192	10.1609	-0.2281
430	SLD 14	-2.72	1.28	49.25	-0.0215	10.2216	-0.4485
430	SLD 15	-3.03	-0.79	48.35	-0.0151	10.0793	0.2738
430	SLD 16	-2.8	-0.15	48.7	-0.0173	10.1401	0.0533
430	SLV 1	8.25	1.76	14.28	-0.0006	3.5424	-0.6196
430	SLV 2	8.78	3.24	15.1	-0.0058	3.6838	-1.133
430	SLV 3	8.08	-1.49	13.04	0.0088	3.3568	0.518
430	SLV 4	8.62	-0.01	13.85	0.0035	3.4982	0.0047
430	SLV 5	2.99	5.51	32.92	-0.0221	7.0359	-1.9295
430	SLV 6	3.34	6.46	33.44	-0.0255	7.1275	-2.2617
430	SLV 7	2.43	-5.33	28.76	0.0091	6.4172	1.8627
430	SLV 8	-2.78	-4.37	29.29	0.0057	6.5088	1.5305
430	SLV 9	-1.76	5.24	47.52	-0.0304	9.8234	-1.8369
430	SLV 10	-1.42	6.2	48.05	-0.0338	9.9149	-2.1691
430	SLV 11	-2.32	-5.59	43.36	0.0008	9.2047	1.9553
430	SLV 12	-1.97	-4.64	43.89	-0.0026	9.2962	1.6231
430	SLV 13	-7.6	0.88	62.96	-0.0283	12.8339	-0.3111
430	SLV 14	-7.06	2.35	63.77	-0.0335	12.9754	-0.8244
430	SLV 15	-7.76	-2.37	61.71	-0.0189	12.6483	0.8266
430	SLV 16	-7.23	-0.9	62.52	-0.0241	12.7898	0.3132
430	CRTFP Ux+	0	0	0	0	0	0
430	CRTFP Ux-	0	0	0	0	0	0
430	CRTFP Uy+	0	0	0	0	0	0
430	CRTFP Uy-	0	0	0	0	0	0
433	SLU 1	0.13	-0.21	38.63	0.0154	11.27	0.0765
433	SLU 2	0.11	-0.16	38.69	0.0152	11.2884	0.0589
433	SLU 3	0.13	-0.2	39.55	0.0157	11.5316	0.0742
433	SLU 4	0.12	-0.17	39.58	0.0156	11.5427	0.0636
433	SLU 5	0.12	-0.16	39.26	0.0152	11.4484	0.0598
433	SLU 6	0.14	-0.21	40.11	0.0158	11.6916	0.0751
433	SLU 7	0.13	-0.18	40.15	0.0157	11.7027	0.0645
433	SLU 8	0.13	-0.22	39.76	0.0155	11.59	0.0782
433	SLU 9	0.13	-0.19	39.79	0.0154	11.601	0.0677
433	SLU 10	0.14	-0.12	43.62	0.0185	12.7186	0.0439
433	SLU 11	0.16	-0.16	44.48	0.0191	12.9618	0.0592
433	SLU 12	0.15	-0.13	44.51	0.0189	12.9729	0.0486
433	SLU 13	0.14	-0.12	44.19	0.0186	12.8786	0.0448
433	SLU 14	0.16	-0.16	45.04	0.0191	13.1218	0.0601
433	SLU 15	0.15	-0.13	45.08	0.019	13.1329	0.0495
433	SLU 16	0.16	-0.17	44.69	0.0189	13.0201	0.0632
433	SLU 17	0.15	-0.14	44.72	0.0187	13.0312	0.0527
433	SLU 18	0.16	-0.15	45.67	0.0202	13.313	0.0551
433	SLU 19	0.15	-0.12	45.71	0.02	13.3241	0.0445
433	SLU 20	0.16	-0.15	46.24	0.0202	13.473	0.056
433	SLU 21	0.15	-0.12	46.27	0.0201	13.4841	0.0454
433	SLU 22	0.15	-0.13	42.85	0.0182	12.4765	0.049
433	SLU 23	0.14	-0.08	42.91	0.018	12.4949	0.0314
433	SLU 24	0.16	-0.12	43.76	0.0186	12.7382	0.0467
433	SLU 25	0.15	-0.09	43.8	0.0184	12.7492	0.0361
433	SLU 26	0.14	-0.08	43.47	0.0181	12.6549	0.0322
433	SLU 27	0.16	-0.13	44.33	0.0186	12.8982	0.0476
433	SLU 28	0.15	-0.1	44.36	0.0185	12.9092	0.037
433	SLU 29	0.16	-0.14	43.97	0.0183	12.7965	0.0507
433	SLU 30	0.15	-0.11	44.01	0.0182	12.8075	0.0402
433	SLU 31	0.16	-0.04	47.84	0.0213	13.9251	0.0164
433	SLU 32	0.18	-0.08	48.69	0.0219	14.1683	0.0317
433	SLU 33	0.17	-0.05	48.73	0.0218	14.1794	0.0211
433	SLU 34	0.16	-0.04	48.4	0.0214	14.0851	0.0172
433	SLU 35	0.18	-0.08	49.26	0.022	14.3283	0.0326
433	SLU 36	0.17	-0.05	49.29	0.0218	14.3394	0.022
433	SLU 37	0.18	-0.09	48.9	0.0217	14.2266	0.0357
433	SLU 38	0.17	-0.06	48.94	0.0215	14.2377	0.0252
433	SLU 39	0.19	-0.07	49.89	0.023	14.5195	0.0276
433	SLU 40	0.18	-0.04	49.93	0.0229	14.5306	0.017



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
433	SLU 41	0.19	-0.07	50.45	0.023	14.6795	0.0284
433	SLU 42	0.18	-0.04	50.49	0.0229	14.6906	0.0179
433	SLU 43	0.16	-0.3	48.77	0.019	14.2373	0.1089
433	SLU 44	0.14	-0.25	48.84	0.0188	14.2558	0.0913
433	SLU 45	0.16	-0.29	49.69	0.0194	14.499	0.1066
433	SLU 46	0.15	-0.26	49.73	0.0192	14.5101	0.096
433	SLU 47	0.15	-0.25	49.4	0.0189	14.4158	0.0921
433	SLU 48	0.17	-0.3	50.25	0.0194	14.659	0.1075
433	SLU 49	0.16	-0.27	50.29	0.0193	14.6701	0.0969
433	SLU 50	0.16	-0.31	49.9	0.0192	14.5573	0.1106
433	SLU 51	0.15	-0.28	49.94	0.019	14.5684	0.1001
433	SLU 52	0.17	-0.21	53.77	0.0222	15.6859	0.0763
433	SLU 53	0.19	-0.25	54.62	0.0227	15.9291	0.0916
433	SLU 54	0.18	-0.22	54.66	0.0226	15.9402	0.081
433	SLU 55	0.17	-0.21	54.33	0.0222	15.8459	0.0771
433	SLU 56	0.19	-0.25	55.18	0.0228	16.0891	0.0925
433	SLU 57	0.18	-0.22	55.22	0.0226	16.1002	0.0819
433	SLU 58	0.19	-0.26	54.83	0.0225	15.9874	0.0956
433	SLU 59	0.18	-0.23	54.87	0.0224	15.9985	0.0851
433	SLU 60	0.19	-0.24	55.82	0.0238	16.2803	0.0875
433	SLU 61	0.18	-0.21	55.85	0.0237	16.2914	0.0769
433	SLU 62	0.19	-0.24	56.38	0.0239	16.4403	0.0883
433	SLU 63	0.18	-0.21	56.42	0.0237	16.4514	0.0778
433	SLU 64	0.18	-0.22	52.99	0.0219	15.4438	0.0814
433	SLU 65	0.17	-0.17	53.05	0.0216	15.4623	0.0638
433	SLU 66	0.19	-0.22	53.91	0.0222	15.7055	0.0791
433	SLU 67	0.18	-0.19	53.94	0.0221	15.7166	0.0685
433	SLU 68	0.17	-0.17	53.62	0.0217	15.6223	0.0646
433	SLU 69	0.19	-0.22	54.47	0.0223	15.8655	0.0799
433	SLU 70	0.18	-0.19	54.51	0.0221	15.8766	0.0694
433	SLU 71	0.19	-0.23	54.12	0.022	15.7638	0.0831
433	SLU 72	0.18	-0.2	54.15	0.0219	15.7749	0.0725
433	SLU 73	0.19	-0.13	57.98	0.025	16.8924	0.0488
433	SLU 74	0.21	-0.17	58.84	0.0255	17.1356	0.0641
433	SLU 75	0.2	-0.14	58.87	0.0254	17.1467	0.0535
433	SLU 76	0.19	-0.13	58.55	0.025	17.0524	0.0496
433	SLU 77	0.21	-0.17	59.4	0.0256	17.2956	0.0649
433	SLU 78	0.2	-0.14	59.44	0.0255	17.3067	0.0544
433	SLU 79	0.21	-0.18	59.05	0.0253	17.1939	0.0681
433	SLU 80	0.2	-0.15	59.08	0.0252	17.205	0.0575
433	SLU 81	0.22	-0.16	60.03	0.0266	17.4868	0.06
433	SLU 82	0.21	-0.13	60.07	0.0265	17.4979	0.0494
433	SLU 83	0.22	-0.16	60.6	0.0267	17.6468	0.0608
433	SLU 84	0.21	-0.13	60.63	0.0266	17.6579	0.0503
433	SLE RA 1	0.14	-0.19	39.83	0.0162	11.6147	0.0687
433	SLE RA 2	0.13	-0.16	39.88	0.016	11.627	0.0569
433	SLE RA 3	0.14	-0.18	40.45	0.0164	11.7891	0.0671
433	SLE RA 4	0.13	-0.16	40.47	0.0163	11.7965	0.0601
433	SLE RA 5	0.13	-0.16	40.25	0.0161	11.7337	0.0575
433	SLE RA 6	0.14	-0.19	40.82	0.0165	11.8958	0.0677
433	SLE RA 7	0.13	-0.17	40.85	0.0164	11.9032	0.0606
433	SLE RA 8	0.14	-0.19	40.59	0.0163	11.828	0.0698
433	SLE RA 9	0.13	-0.17	40.61	0.0162	11.8354	0.0628
433	SLE RA 10	0.14	-0.13	43.16	0.0183	12.5804	0.0469
433	SLE RA 11	0.15	-0.16	43.73	0.0186	12.7425	0.0571
433	SLE RA 12	0.15	-0.14	43.76	0.0186	12.7499	0.0501
433	SLE RA 13	0.14	-0.13	43.54	0.0183	12.6871	0.0475
433	SLE RA 14	0.16	-0.16	44.11	0.0187	12.8492	0.0577
433	SLE RA 15	0.15	-0.14	44.13	0.0186	12.8566	0.0506
433	SLE RA 16	0.15	-0.16	43.87	0.0185	12.7814	0.0598
433	SLE RA 17	0.15	-0.14	43.9	0.0184	12.7888	0.0528
433	SLE RA 18	0.16	-0.15	44.53	0.0194	12.9767	0.0544
433	SLE RA 19	0.15	-0.13	44.56	0.0193	12.9841	0.0473
433	SLE RA 20	0.16	-0.15	44.91	0.0194	13.0834	0.055
433	SLE RA 21	0.15	-0.13	44.93	0.0193	13.0907	0.0479
433	SLE FR 1	0.14	-0.19	39.83	0.0162	11.6147	0.0687
433	SLE FR 2	0.13	-0.18	39.84	0.0162	11.6171	0.0663
433	SLE FR 3	0.14	-0.19	39.99	0.0162	11.6573	0.0689
433	SLE FR 4	0.14	-0.17	41.25	0.0171	12.0257	0.062
433	SLE FR 5	0.14	-0.18	41.39	0.0172	12.0659	0.0646
433	SLE FR 6	0.15	-0.17	42.18	0.0178	12.2957	0.0615
433	SLE QP 1	0.14	-0.19	39.83	0.0162	11.6147	0.0687
433	SLE QP 2	0.14	-0.18	41.24	0.0171	12.0233	0.0644
433	SLD 1	3.43	0.29	41.2	0.0121	12.0123	-0.0943
433	SLD 2	3.64	0.33	41.26	0.0119	12.0243	-0.1044
433	SLD 3	3.38	-0.86	40.92	0.0161	11.9383	0.3097
433	SLD 4	3.59	-0.83	40.98	0.0159	11.9503	0.2995
433	SLD 5	1.16	1.71	41.65	0.0097	12.13	-0.5941
433	SLD 6	1.31	1.73	41.69	0.0095	12.1379	-0.6007
433	SLD 7	1	-2.14	40.71	0.0229	11.8834	0.7524
433	SLD 8	1.14	-2.12	40.75	0.0228	11.8913	0.7458
433	SLD 9	-0.86	1.77	41.74	0.0115	12.1552	-0.617
433	SLD 10	-0.71	1.79	41.78	0.0114	12.1631	-0.6237
433	SLD 11	-1.02	-2.09	40.8	0.0248	11.9086	0.7295
433	SLD 12	-0.88	-2.06	40.84	0.0246	11.9165	0.7228
433	SLD 13	-3.31	0.48	41.51	0.0184	12.0963	-0.1708
433	SLD 14	-3.09	0.51	41.57	0.0182	12.1083	-0.1809
433	SLD 15	-3.36	-0.68	41.22	0.0224	12.0223	0.2332
433	SLD 16	-3.14	-0.65	41.28	0.0222	12.0343	0.223



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
433	SLV 1	7.82	0.88	41.14	0.0056	11.9959	-0.2922
433	SLV 2	8.33	0.96	41.28	0.0051	12.0239	-0.3159
433	SLV 3	7.71	-1.74	40.5	0.0146	11.8265	0.6234
433	SLV 4	8.21	-1.66	40.64	0.0141	11.8544	0.5998
433	SLV 5	2.53	4.1	42.16	0.0001	12.2672	-1.4272
433	SLV 6	2.86	4.15	42.25	-0.0002	12.2853	-1.4425
433	SLV 7	2.15	-4.63	40.02	0.0301	11.7025	1.6249
433	SLV 8	2.48	-4.58	40.11	0.0298	11.7205	1.6096
433	SLV 9	-2.19	4.23	42.38	0.0045	12.326	-1.4808
433	SLV 10	-1.87	4.28	42.47	0.0042	12.3441	-1.4961
433	SLV 11	-2.57	-4.5	40.23	0.0345	11.7613	1.5713
433	SLV 12	-2.25	-4.45	40.32	0.0342	11.7794	1.556
433	SLV 13	-7.93	1.31	41.85	0.0202	12.1921	-0.471
433	SLV 14	-7.43	1.39	41.99	0.0197	12.22	-0.4947
433	SLV 15	-8.04	-1.31	41.21	0.0292	12.0227	0.4446
433	SLV 16	-7.54	-1.23	41.34	0.0287	12.0506	0.421
433	CRTFP Ux+	0	0	0	0	0	0
433	CRTFP Ux-	0	0	0	0	0	0
433	CRTFP Uy+	0	0	0	0	0	0
433	CRTFP Uy-	0	0	0	0	0	0
436	SLU 1	-0.55	0.47	32.2	0.0082	-4.185	0.1187
436	SLU 2	-0.52	0.58	32.12	0.0089	-4.1708	0.1457
436	SLU 3	-0.56	0.49	32.96	0.0085	-4.2758	0.1225
436	SLU 4	-0.55	0.55	32.91	0.0089	-4.2672	0.1387
436	SLU 5	-0.53	0.59	32.59	0.009	-4.227	0.1484
436	SLU 6	-0.57	0.5	33.44	0.0086	-4.332	0.1252
436	SLU 7	-0.55	0.56	33.39	0.009	-4.3234	0.1414
436	SLU 8	-0.57	0.49	33.15	0.0084	-4.2974	0.1241
436	SLU 9	-0.55	0.56	33.1	0.0088	-4.2889	0.1403
436	SLU 10	-0.55	0.69	35.71	0.0106	-4.6175	0.173
436	SLU 11	-0.59	0.59	36.56	0.0102	-4.7225	0.1498
436	SLU 12	-0.57	0.66	36.51	0.0106	-4.714	0.166
436	SLU 13	-0.56	0.7	36.19	0.0107	-4.6738	0.1757
436	SLU 14	-0.6	0.61	37.03	0.0102	-4.7788	0.1525
436	SLU 15	-0.58	0.67	36.98	0.0107	-4.7702	0.1687
436	SLU 16	-0.59	0.6	36.74	0.0101	-4.7442	0.1514
436	SLU 17	-0.58	0.67	36.7	0.0105	-4.7357	0.1676
436	SLU 18	-0.59	0.63	37.33	0.0107	-4.8233	0.1577
436	SLU 19	-0.57	0.69	37.28	0.0111	-4.8147	0.1739
436	SLU 20	-0.6	0.64	37.81	0.0107	-4.8795	0.1604
436	SLU 21	-0.58	0.7	37.76	0.0112	-4.8709	0.1766
436	SLU 22	-0.61	0.57	35.8	0.01	-4.6284	0.1436
436	SLU 23	-0.58	0.68	35.72	0.0107	-4.6141	0.1706
436	SLU 24	-0.62	0.59	36.57	0.0102	-4.7191	0.1474
436	SLU 25	-0.6	0.65	36.52	0.0107	-4.7106	0.1636
436	SLU 26	-0.59	0.69	36.2	0.0108	-4.6703	0.1733
436	SLU 27	-0.63	0.6	37.04	0.0103	-4.7753	0.1501
436	SLU 28	-0.61	0.66	36.99	0.0107	-4.7668	0.1663
436	SLU 29	-0.62	0.59	36.76	0.0102	-4.7408	0.149
436	SLU 30	-0.61	0.66	36.71	0.0106	-4.7322	0.1652
436	SLU 31	-0.61	0.79	39.31	0.0124	-5.0609	0.1979
436	SLU 32	-0.65	0.69	40.16	0.0119	-5.1659	0.1747
436	SLU 33	-0.63	0.76	40.11	0.0123	-5.1573	0.1909
436	SLU 34	-0.62	0.8	39.79	0.0125	-5.1171	0.2006
436	SLU 35	-0.66	0.71	40.63	0.012	-5.2221	0.1774
436	SLU 36	-0.64	0.77	40.58	0.0124	-5.2136	0.1936
436	SLU 37	-0.65	0.7	40.35	0.0119	-5.1876	0.1763
436	SLU 38	-0.64	0.77	40.3	0.0123	-5.179	0.1925
436	SLU 39	-0.65	0.73	40.94	0.0124	-5.2666	0.1826
436	SLU 40	-0.63	0.79	40.89	0.0128	-5.2581	0.1988
436	SLU 41	-0.66	0.74	41.41	0.0125	-5.3228	0.1853
436	SLU 42	-0.64	0.8	41.36	0.0129	-5.3143	0.2015
436	SLU 43	-0.69	0.58	40.63	0.0101	-5.2885	0.1458
436	SLU 44	-0.66	0.69	40.54	0.0108	-5.2743	0.1727
436	SLU 45	-0.71	0.59	41.39	0.0103	-5.3792	0.1496
436	SLU 46	-0.69	0.66	41.34	0.0108	-5.3707	0.1658
436	SLU 47	-0.67	0.7	41.02	0.0109	-5.3305	0.1754
436	SLU 48	-0.72	0.6	41.86	0.0104	-5.4355	0.1523
436	SLU 49	-0.7	0.67	41.81	0.0108	-5.4269	0.1685
436	SLU 50	-0.71	0.6	41.58	0.0103	-5.4009	0.1512
436	SLU 51	-0.69	0.66	41.53	0.0107	-5.3924	0.1674
436	SLU 52	-0.69	0.79	44.14	0.0125	-5.721	0.2001
436	SLU 53	-0.73	0.7	44.98	0.012	-5.826	0.1769
436	SLU 54	-0.72	0.77	44.93	0.0124	-5.8175	0.1931
436	SLU 55	-0.7	0.8	44.61	0.0126	-5.7773	0.2028
436	SLU 56	-0.74	0.71	45.46	0.0121	-5.8822	0.1796
436	SLU 57	-0.73	0.78	45.41	0.0125	-5.8737	0.1958
436	SLU 58	-0.74	0.71	45.17	0.012	-5.8477	0.1785
436	SLU 59	-0.72	0.77	45.12	0.0124	-5.8392	0.1947
436	SLU 60	-0.73	0.73	45.76	0.0125	-5.9268	0.1848
436	SLU 61	-0.72	0.8	45.71	0.0129	-5.9182	0.201
436	SLU 62	-0.74	0.74	46.23	0.0126	-5.983	0.1875
436	SLU 63	-0.72	0.81	46.18	0.013	-5.9744	0.2037
436	SLU 64	-0.75	0.68	44.23	0.0119	-5.7319	0.1707
436	SLU 65	-0.72	0.78	44.15	0.0126	-5.7176	0.1976
436	SLU 66	-0.76	0.69	44.99	0.0121	-5.8226	0.1745
436	SLU 67	-0.75	0.76	44.94	0.0125	-5.8141	0.1906
436	SLU 68	-0.73	0.8	44.62	0.0127	-5.7738	0.2003
436	SLU 69	-0.77	0.7	45.47	0.0122	-5.8788	0.1772



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
436	SLU 70	-0.76	0.77	45.42	0.0126	-5.8703	0.1934
436	SLU 71	-0.77	0.7	45.18	0.0121	-5.8443	0.1761
436	SLU 72	-0.75	0.76	45.13	0.0125	-5.8357	0.1923
436	SLU 73	-0.75	0.89	47.74	0.0143	-6.1644	0.2249
436	SLU 74	-0.79	0.8	48.58	0.0138	-6.2694	0.2018
436	SLU 75	-0.78	0.87	48.53	0.0142	-6.2608	0.218
436	SLU 76	-0.76	0.9	48.21	0.0143	-6.2206	0.2277
436	SLU 77	-0.8	0.81	49.06	0.0139	-6.3256	0.2045
436	SLU 78	-0.79	0.88	49.01	0.0143	-6.3171	0.2207
436	SLU 79	-0.8	0.81	48.77	0.0137	-6.2911	0.2034
436	SLU 80	-0.78	0.87	48.72	0.0142	-6.2825	0.2196
436	SLU 81	-0.79	0.83	49.36	0.0143	-6.3701	0.2097
436	SLU 82	-0.77	0.9	49.31	0.0147	-6.3616	0.2259
436	SLU 83	-0.8	0.84	49.84	0.0144	-6.4263	0.2124
436	SLU 84	-0.78	0.91	49.79	0.0148	-6.4178	0.2286
436	SLE RA 1	-0.56	0.5	33.23	0.0088	-4.3117	0.1258
436	SLE RA 2	-0.55	0.57	33.17	0.0092	-4.3022	0.1438
436	SLE RA 3	-0.57	0.51	33.74	0.0089	-4.3722	0.1284
436	SLE RA 4	-0.56	0.55	33.71	0.0092	-4.3665	0.1391
436	SLE RA 5	-0.55	0.58	33.49	0.0093	-4.3397	0.1456
436	SLE RA 6	-0.58	0.52	34.06	0.009	-4.4097	0.1302
436	SLE RA 7	-0.57	0.56	34.02	0.0092	-4.404	0.1409
436	SLE RA 8	-0.58	0.51	33.86	0.0089	-4.3866	0.1294
436	SLE RA 9	-0.57	0.56	33.83	0.0091	-4.3809	0.1402
436	SLE RA 10	-0.56	0.64	35.57	0.0103	-4.6	0.162
436	SLE RA 11	-0.59	0.58	36.13	0.01	-4.67	0.1466
436	SLE RA 12	-0.58	0.62	36.1	0.0103	-4.6643	0.1573
436	SLE RA 13	-0.57	0.65	35.89	0.0104	-4.6375	0.1638
436	SLE RA 14	-0.6	0.59	36.45	0.0101	-4.7075	0.1484
436	SLE RA 15	-0.59	0.63	36.42	0.0104	-4.7018	0.1591
436	SLE RA 16	-0.6	0.59	36.26	0.01	-4.6845	0.1476
436	SLE RA 17	-0.58	0.63	36.23	0.0103	-4.6788	0.1584
436	SLE RA 18	-0.59	0.6	36.65	0.0104	-4.7372	0.1518
436	SLE RA 19	-0.58	0.65	36.62	0.0106	-4.7315	0.1626
436	SLE RA 20	-0.6	0.61	36.97	0.0104	-4.7747	0.1536
436	SLE RA 21	-0.59	0.65	36.94	0.0107	-4.769	0.1644
436	SLE FR 1	-0.56	0.5	33.23	0.0088	-4.3117	0.1258
436	SLE FR 2	-0.56	0.51	33.22	0.0088	-4.3098	0.1294
436	SLE FR 3	-0.57	0.5	33.36	0.0088	-4.3267	0.1265
436	SLE FR 4	-0.57	0.54	34.25	0.0093	-4.4374	0.1372
436	SLE FR 5	-0.57	0.53	34.38	0.0093	-4.4543	0.1344
436	SLE FR 6	-0.58	0.55	34.94	0.0096	-4.5244	0.1388
436	SLE QP 1	-0.56	0.5	33.23	0.0088	-4.3117	0.1258
436	SLE QP 2	-0.57	0.53	34.26	0.0092	-4.4393	0.1336
436	SLD 1	1.92	1.17	43.91	0.0087	-5.5491	0.2947
436	SLD 2	2.08	0.62	43.67	0.0103	-5.5305	0.1603
436	SLD 3	1.96	-0.15	43.47	0.0116	-5.5158	-0.0339
436	SLD 4	2.12	-0.69	43.23	0.0133	-5.4971	-0.1683
436	SLD 5	0.09	2.81	37.86	0.0043	-4.8261	0.7044
436	SLD 6	0.19	2.45	37.7	0.0054	-4.8139	0.6159
436	SLD 7	0.22	-1.57	36.4	0.0141	-4.7151	-0.3909
436	SLD 8	0.32	-1.92	36.24	0.0152	-4.7028	-0.4794
436	SLD 9	-1.47	2.98	32.27	0.0033	-4.1759	0.7466
436	SLD 10	-1.36	2.63	32.11	0.0044	-4.1636	0.6581
436	SLD 11	-1.34	-1.39	30.81	0.0131	-4.0648	-0.3486
436	SLD 12	-1.23	-1.75	30.65	0.0142	-4.0526	-0.4371
436	SLD 13	-3.27	1.75	25.29	0.0052	-3.3815	0.4355
436	SLD 14	-3.11	1.21	25.04	0.0069	-3.3629	0.3011
436	SLD 15	-3.23	0.44	24.85	0.0081	-3.3482	0.107
436	SLD 16	-3.07	-0.1	24.61	0.0098	-3.3296	-0.0274
436	SLV 1	5.27	1.96	56.83	0.008	-7.0366	0.497
436	SLV 2	5.64	0.7	56.27	0.0119	-6.9932	0.184
436	SLV 3	5.36	-1.01	55.84	0.0147	-6.9601	-0.2473
436	SLV 4	5.73	-2.27	55.28	0.0186	-6.9167	-0.5603
436	SLV 5	0.98	5.69	42.63	-0.002	-5.342	1.4258
436	SLV 6	1.22	4.87	42.27	0.0006	-5.3139	1.2233
436	SLV 7	1.28	-4.22	39.32	0.0203	-5.0871	-1.0552
436	SLV 8	1.52	-5.04	38.96	0.0229	-5.0591	-1.2577
436	SLV 9	-2.67	6.1	29.56	-0.0044	-3.8196	1.525
436	SLV 10	-2.43	5.28	29.19	-0.0018	-3.7915	1.3225
436	SLV 11	-2.36	-3.81	26.24	0.0179	-3.5648	-0.9561
436	SLV 12	-2.12	-4.63	25.88	0.0204	-3.5367	-1.1586
436	SLV 13	-6.87	3.33	13.24	-0.0002	-1.962	0.8275
436	SLV 14	-6.5	2.07	12.67	0.0038	-1.9186	0.5146
436	SLV 15	-6.78	0.36	12.24	0.0065	-1.8855	0.0832
436	SLV 16	-6.41	-0.9	11.68	0.0105	-1.8421	-0.2297
436	CRTFP Ux+	0	0	0	0	0	0
436	CRTFP Ux-	0	0	0	0	0	0
436	CRTFP Uy+	0	0	0	0	0	0
436	CRTFP Uy-	0	0	0	0	0	0
439	SLU 1	-0.68	-1.23	60.96	-0.0207	-0.2631	-0.0058
439	SLU 2	-0.66	-1.14	60.93	-0.0202	-0.2687	-0.0042
439	SLU 3	-0.7	-1.25	62.39	-0.021	-0.2695	-0.006
439	SLU 4	-0.68	-1.19	62.38	-0.0207	-0.2728	-0.0051
439	SLU 5	-0.67	-1.15	61.83	-0.0206	-0.2725	-0.0043
439	SLU 6	-0.71	-1.27	63.3	-0.0214	-0.2733	-0.0061
439	SLU 7	-0.7	-1.21	63.28	-0.0211	-0.2766	-0.0052
439	SLU 8	-0.7	-1.27	62.76	-0.0215	-0.2707	-0.0059
439	SLU 9	-0.69	-1.21	62.74	-0.0212	-0.274	-0.0049



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
439	SLU 10	-0.67	-1.18	68.06	-0.0204	-0.311	-0.0051
439	SLU 11	-0.71	-1.3	69.53	-0.0212	-0.3118	-0.0069
439	SLU 12	-0.7	-1.24	69.51	-0.0209	-0.3152	-0.006
439	SLU 13	-0.68	-1.2	68.96	-0.0209	-0.3148	-0.0051
439	SLU 14	-0.72	-1.32	70.43	-0.0217	-0.3156	-0.007
439	SLU 15	-0.71	-1.26	70.41	-0.0214	-0.319	-0.006
439	SLU 16	-0.72	-1.32	69.9	-0.0218	-0.313	-0.0067
439	SLU 17	-0.71	-1.26	69.88	-0.0215	-0.3163	-0.0058
439	SLU 18	-0.7	-1.3	71.15	-0.0211	-0.3236	-0.007
439	SLU 19	-0.69	-1.24	71.13	-0.0208	-0.3269	-0.0061
439	SLU 20	-0.71	-1.32	72.05	-0.0215	-0.3274	-0.007
439	SLU 21	-0.7	-1.26	72.03	-0.0212	-0.3307	-0.0061
439	SLU 22	-0.75	-1.24	67.72	-0.0204	-0.2903	-0.0078
439	SLU 23	-0.73	-1.14	67.69	-0.0199	-0.2959	-0.0062
439	SLU 24	-0.77	-1.26	69.16	-0.0207	-0.2967	-0.008
439	SLU 25	-0.76	-1.2	69.14	-0.0204	-0.3	-0.0071
439	SLU 26	-0.74	-1.16	68.59	-0.0203	-0.2996	-0.0062
439	SLU 27	-0.78	-1.28	70.06	-0.0211	-0.3005	-0.0081
439	SLU 28	-0.77	-1.22	70.04	-0.0208	-0.3038	-0.0072
439	SLU 29	-0.78	-1.28	69.53	-0.0212	-0.2979	-0.0079
439	SLU 30	-0.76	-1.22	69.51	-0.0209	-0.3012	-0.0069
439	SLU 31	-0.74	-1.19	74.82	-0.0201	-0.3382	-0.0071
439	SLU 32	-0.78	-1.31	76.29	-0.0209	-0.339	-0.0089
439	SLU 33	-0.77	-1.25	76.27	-0.0206	-0.3424	-0.008
439	SLU 34	-0.76	-1.21	75.73	-0.0206	-0.342	-0.0071
439	SLU 35	-0.8	-1.33	77.2	-0.0214	-0.3428	-0.009
439	SLU 36	-0.78	-1.27	77.18	-0.0211	-0.3461	-0.008
439	SLU 37	-0.79	-1.33	76.66	-0.0215	-0.3402	-0.0087
439	SLU 38	-0.78	-1.27	76.64	-0.0212	-0.3435	-0.0078
439	SLU 39	-0.77	-1.31	77.91	-0.0208	-0.3508	-0.009
439	SLU 40	-0.76	-1.25	77.89	-0.0205	-0.3541	-0.0081
439	SLU 41	-0.78	-1.33	78.82	-0.0212	-0.3545	-0.009
439	SLU 42	-0.77	-1.27	78.8	-0.0209	-0.3579	-0.0081
439	SLU 43	-0.86	-1.6	76.92	-0.027	-0.3327	-0.0068
439	SLU 44	-0.84	-1.5	76.89	-0.0265	-0.3383	-0.0052
439	SLU 45	-0.88	-1.62	78.36	-0.0273	-0.3391	-0.0071
439	SLU 46	-0.86	-1.56	78.34	-0.027	-0.3425	-0.0062
439	SLU 47	-0.85	-1.52	77.8	-0.0269	-0.3421	-0.0053
439	SLU 48	-0.89	-1.64	79.26	-0.0277	-0.3429	-0.0071
439	SLU 49	-0.88	-1.58	79.25	-0.0274	-0.3462	-0.0062
439	SLU 50	-0.88	-1.64	78.73	-0.0278	-0.3403	-0.0069
439	SLU 51	-0.87	-1.58	78.71	-0.0275	-0.3436	-0.006
439	SLU 52	-0.85	-1.55	84.03	-0.0267	-0.3806	-0.0061
439	SLU 53	-0.89	-1.66	85.5	-0.0275	-0.3814	-0.008
439	SLU 54	-0.88	-1.61	85.48	-0.0272	-0.3848	-0.007
439	SLU 55	-0.86	-1.57	84.93	-0.0272	-0.3844	-0.0062
439	SLU 56	-0.9	-1.68	86.4	-0.028	-0.3852	-0.008
439	SLU 57	-0.89	-1.62	86.38	-0.0277	-0.3886	-0.0071
439	SLU 58	-0.9	-1.69	85.87	-0.0281	-0.3826	-0.0078
439	SLU 59	-0.88	-1.63	85.85	-0.0278	-0.386	-0.0068
439	SLU 60	-0.88	-1.66	87.12	-0.0274	-0.3932	-0.008
439	SLU 61	-0.86	-1.61	87.1	-0.0271	-0.3965	-0.0071
439	SLU 62	-0.89	-1.68	88.02	-0.0278	-0.397	-0.0081
439	SLU 63	-0.88	-1.62	88	-0.0275	-0.4003	-0.0072
439	SLU 64	-0.93	-1.61	83.69	-0.0267	-0.3599	-0.0088
439	SLU 65	-0.91	-1.51	83.66	-0.0262	-0.3655	-0.0072
439	SLU 66	-0.95	-1.63	85.13	-0.027	-0.3663	-0.0091
439	SLU 67	-0.93	-1.57	85.11	-0.0267	-0.3696	-0.0081
439	SLU 68	-0.92	-1.53	84.56	-0.0266	-0.3693	-0.0073
439	SLU 69	-0.96	-1.65	86.03	-0.0274	-0.3701	-0.0091
439	SLU 70	-0.95	-1.59	86.01	-0.0271	-0.3734	-0.0082
439	SLU 71	-0.95	-1.65	85.49	-0.0275	-0.3675	-0.0089
439	SLU 72	-0.94	-1.59	85.48	-0.0272	-0.3708	-0.008
439	SLU 73	-0.92	-1.56	90.79	-0.0264	-0.4078	-0.0081
439	SLU 74	-0.96	-1.67	92.26	-0.0272	-0.4086	-0.0099
439	SLU 75	-0.95	-1.61	92.24	-0.0269	-0.412	-0.009
439	SLU 76	-0.93	-1.57	91.69	-0.0269	-0.4116	-0.0082
439	SLU 77	-0.97	-1.69	93.16	-0.0277	-0.4124	-0.01
439	SLU 78	-0.96	-1.63	93.14	-0.0274	-0.4158	-0.0091
439	SLU 79	-0.97	-1.69	92.63	-0.0278	-0.4098	-0.0098
439	SLU 80	-0.96	-1.63	92.61	-0.0275	-0.4131	-0.0088
439	SLU 81	-0.95	-1.67	93.88	-0.0271	-0.4204	-0.01
439	SLU 82	-0.94	-1.61	93.86	-0.0268	-0.4237	-0.0091
439	SLU 83	-0.96	-1.69	94.78	-0.0275	-0.4242	-0.0101
439	SLU 84	-0.95	-1.63	94.76	-0.0272	-0.4275	-0.0091
439	SLE RA 1	-0.7	-1.24	62.89	-0.0206	-0.2709	-0.0063
439	SLE RA 2	-0.68	-1.17	62.87	-0.0202	-0.2746	-0.0053
439	SLE RA 3	-0.71	-1.25	63.85	-0.0208	-0.2751	-0.0065
439	SLE RA 4	-0.7	-1.21	63.83	-0.0206	-0.2774	-0.0059
439	SLE RA 5	-0.69	-1.18	63.47	-0.0205	-0.2771	-0.0053
439	SLE RA 6	-0.72	-1.26	64.45	-0.0211	-0.2777	-0.0066
439	SLE RA 7	-0.71	-1.22	64.44	-0.0209	-0.2799	-0.0059
439	SLE RA 8	-0.72	-1.26	64.09	-0.0212	-0.2759	-0.0064
439	SLE RA 9	-0.71	-1.22	64.08	-0.021	-0.2782	-0.0058
439	SLE RA 10	-0.69	-1.2	67.62	-0.0204	-0.3028	-0.0059
439	SLE RA 11	-0.72	-1.28	68.6	-0.021	-0.3034	-0.0071
439	SLE RA 12	-0.71	-1.24	68.59	-0.0208	-0.3056	-0.0065
439	SLE RA 13	-0.7	-1.21	68.23	-0.0207	-0.3053	-0.0059
439	SLE RA 14	-0.73	-1.29	69.21	-0.0213	-0.3059	-0.0071



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
439	SLE RA 15	-0.72	-1.25	69.19	-0.0211	-0.3081	-0.0065
439	SLE RA 16	-0.73	-1.29	68.85	-0.0214	-0.3041	-0.007
439	SLE RA 17	-0.72	-1.25	68.84	-0.0212	-0.3064	-0.0063
439	SLE RA 18	-0.71	-1.28	69.68	-0.0208	-0.3112	-0.0072
439	SLE RA 19	-0.7	-1.24	69.67	-0.0206	-0.3134	-0.0065
439	SLE RA 20	-0.72	-1.29	70.29	-0.0211	-0.3137	-0.0072
439	SLE RA 21	-0.71	-1.25	70.27	-0.0209	-0.3159	-0.0066
439	SLE FR 1	-0.7	-1.24	62.89	-0.0206	-0.2709	-0.0063
439	SLE FR 2	-0.7	-1.22	62.88	-0.0205	-0.2716	-0.0061
439	SLE FR 3	-0.7	-1.24	63.13	-0.0207	-0.2719	-0.0063
439	SLE FR 4	-0.7	-1.24	64.92	-0.0206	-0.2837	-0.0064
439	SLE FR 5	-0.71	-1.25	65.17	-0.0208	-0.284	-0.0066
439	SLE FR 6	-0.7	-1.26	66.29	-0.0207	-0.291	-0.0067
439	SLE QP 1	-0.7	-1.24	62.89	-0.0206	-0.2709	-0.0063
439	SLE QP 2	-0.7	-1.25	64.93	-0.0207	-0.283	-0.0066
439	SLD 1	4.76	-0.99	70.53	-0.0293	-0.0795	0.0176
439	SLD 2	5.1	-1.37	70.33	-0.0272	-0.0856	0.0306
439	SLD 3	4.83	-2.65	70.19	-0.0221	-0.111	0.0201
439	SLD 4	5.17	-3.03	69.99	-0.02	-0.1171	0.0332
439	SLD 5	0.78	1.42	67.17	-0.0345	-0.173	-0.0056
439	SLD 6	1	1.17	67.03	-0.0331	-0.1771	0.003
439	SLD 7	1	-4.12	66.02	-0.0106	-0.2781	0.003
439	SLD 8	1.22	-4.37	65.89	-0.0092	-0.2821	0.0116
439	SLD 9	-2.62	1.87	63.97	-0.0321	-0.2838	-0.0248
439	SLD 10	-2.4	1.62	63.84	-0.0307	-0.2878	-0.0162
439	SLD 11	-2.4	-3.67	62.82	-0.0082	-0.3889	-0.0161
439	SLD 12	-2.18	-3.92	62.69	-0.0068	-0.3929	-0.0076
439	SLD 13	-6.57	0.53	59.87	-0.0213	-0.4488	-0.0463
439	SLD 14	-6.23	0.15	59.67	-0.0192	-0.4549	-0.0333
439	SLD 15	-6.5	-1.13	59.52	-0.0141	-0.4803	-0.0437
439	SLD 16	-6.17	-1.51	59.32	-0.012	-0.4864	-0.0307
439	SLV 1	12.08	-0.71	78.03	-0.0406	0.1925	0.05
439	SLV 2	12.87	-1.59	77.57	-0.0356	0.1783	0.0803
439	SLV 3	12.24	-4.47	77.25	-0.0243	0.1202	0.0559
439	SLV 4	13.02	-5.35	76.78	-0.0193	0.106	0.0862
439	SLV 5	2.76	4.78	70.13	-0.0522	-0.0283	-0.0039
439	SLV 6	3.27	4.21	69.82	-0.049	-0.0375	0.0157
439	SLV 7	3.28	-7.77	67.52	0.0021	-0.2691	0.0159
439	SLV 8	3.79	-8.34	67.22	0.0053	-0.2783	0.0355
439	SLV 9	-5.19	5.84	62.64	-0.0466	-0.2876	-0.0487
439	SLV 10	-4.68	5.27	62.34	-0.0434	-0.2968	-0.0291
439	SLV 11	-4.67	-6.71	60.03	0.0077	-0.5285	-0.0289
439	SLV 12	-4.16	-7.28	59.73	0.0109	-0.5377	-0.0093
439	SLV 13	-14.43	2.85	53.07	-0.022	-0.672	-0.0994
439	SLV 14	-13.64	1.97	52.6	-0.017	-0.6862	-0.0691
439	SLV 15	-14.27	-0.91	52.29	-0.0057	-0.7442	-0.0934
439	SLV 16	-13.49	-1.79	51.82	-0.0007	-0.7584	-0.0631
439	CRTFP Ux+	0	0	0	0	0	0
439	CRTFP Ux-	0	0	0	0	0	0
443	SLU 1	0.53	-0.54	62.07	-0.0223	0.2823	-0.0034
443	SLU 2	0.52	-0.43	62.05	-0.0217	0.2881	-0.0046
443	SLU 3	0.55	-0.55	63.54	-0.0228	0.2882	-0.0034
443	SLU 4	0.54	-0.48	63.53	-0.0224	0.2916	-0.0041
443	SLU 5	0.52	-0.45	62.97	-0.0221	0.2908	-0.0047
443	SLU 6	0.56	-0.56	64.46	-0.0232	0.2909	-0.0035
443	SLU 7	0.55	-0.5	64.45	-0.0228	0.2944	-0.0042
443	SLU 8	0.55	-0.57	63.9	-0.0231	0.2877	-0.0036
443	SLU 9	0.54	-0.5	63.89	-0.0228	0.2912	-0.0043
443	SLU 10	0.54	-0.41	69.4	-0.0231	0.3285	-0.0051
443	SLU 11	0.58	-0.52	70.88	-0.0242	0.3285	-0.0039
443	SLU 12	0.57	-0.46	70.87	-0.0238	0.332	-0.0046
443	SLU 13	0.55	-0.43	70.31	-0.0235	0.3312	-0.0052
443	SLU 14	0.58	-0.54	71.8	-0.0247	0.3313	-0.004
443	SLU 15	0.57	-0.48	71.79	-0.0243	0.3348	-0.0047
443	SLU 16	0.58	-0.54	71.24	-0.0246	0.3281	-0.0041
443	SLU 17	0.56	-0.48	71.23	-0.0242	0.3316	-0.0048
443	SLU 18	0.57	-0.51	72.56	-0.0243	0.3399	-0.0041
443	SLU 19	0.56	-0.44	72.55	-0.024	0.3434	-0.0048
443	SLU 20	0.58	-0.52	73.47	-0.0248	0.3427	-0.0042
443	SLU 21	0.57	-0.46	73.46	-0.0244	0.3462	-0.0049
443	SLU 22	0.61	-0.47	69.11	-0.023	0.303	-0.0025
443	SLU 23	0.59	-0.37	69.09	-0.0224	0.3088	-0.0037
443	SLU 24	0.62	-0.48	70.58	-0.0235	0.3089	-0.0025
443	SLU 25	0.61	-0.42	70.57	-0.0231	0.3124	-0.0032
443	SLU 26	0.6	-0.39	70.01	-0.0228	0.3115	-0.0038
443	SLU 27	0.63	-0.5	71.5	-0.0239	0.3116	-0.0026
443	SLU 28	0.62	-0.44	71.49	-0.0236	0.3151	-0.0033
443	SLU 29	0.62	-0.5	70.94	-0.0239	0.3084	-0.0027
443	SLU 30	0.61	-0.44	70.93	-0.0235	0.3119	-0.0034
443	SLU 31	0.62	-0.35	76.43	-0.0238	0.3492	-0.0042
443	SLU 32	0.65	-0.46	77.92	-0.0249	0.3493	-0.003
443	SLU 33	0.64	-0.4	77.91	-0.0246	0.3528	-0.0037
443	SLU 34	0.62	-0.36	77.35	-0.0243	0.3519	-0.0043
443	SLU 35	0.66	-0.48	78.84	-0.0254	0.352	-0.0031
443	SLU 36	0.65	-0.42	78.83	-0.025	0.3555	-0.0038
443	SLU 37	0.65	-0.48	78.28	-0.0253	0.3488	-0.0032
443	SLU 38	0.64	-0.42	78.27	-0.0249	0.3523	-0.0039
443	SLU 39	0.65	-0.44	79.6	-0.0251	0.3607	-0.0032
443	SLU 40	0.64	-0.38	79.59	-0.0247	0.3642	-0.0039



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
443	SLU 41	0.65	-0.46	80.51	-0.0255	0.3634	-0.0033
443	SLU 42	0.64	-0.4	80.5	-0.0251	0.3669	-0.004
443	SLU 43	0.67	-0.72	78.28	-0.0287	0.3598	-0.0048
443	SLU 44	0.65	-0.62	78.26	-0.0281	0.3656	-0.0059
443	SLU 45	0.68	-0.73	79.75	-0.0292	0.3657	-0.0048
443	SLU 46	0.67	-0.67	79.74	-0.0289	0.3692	-0.0055
443	SLU 47	0.66	-0.63	79.18	-0.0285	0.3684	-0.006
443	SLU 48	0.69	-0.74	80.67	-0.0297	0.3685	-0.0049
443	SLU 49	0.68	-0.68	80.66	-0.0293	0.372	-0.0056
443	SLU 50	0.68	-0.75	80.11	-0.0296	0.3653	-0.005
443	SLU 51	0.67	-0.69	80.1	-0.0292	0.3688	-0.0057
443	SLU 52	0.68	-0.59	85.6	-0.0295	0.406	-0.0064
443	SLU 53	0.71	-0.71	87.09	-0.0307	0.4061	-0.0053
443	SLU 54	0.7	-0.65	87.08	-0.0303	0.4096	-0.006
443	SLU 55	0.68	-0.61	86.52	-0.03	0.4088	-0.0065
443	SLU 56	0.72	-0.72	88.01	-0.0311	0.4088	-0.0054
443	SLU 57	0.71	-0.66	88	-0.0307	0.4123	-0.0061
443	SLU 58	0.71	-0.73	87.45	-0.031	0.4057	-0.0055
443	SLU 59	0.7	-0.67	87.44	-0.0306	0.4092	-0.0062
443	SLU 60	0.71	-0.69	88.77	-0.0308	0.4175	-0.0055
443	SLU 61	0.69	-0.63	88.76	-0.0304	0.421	-0.0062
443	SLU 62	0.71	-0.7	89.68	-0.0312	0.4203	-0.0056
443	SLU 63	0.7	-0.64	89.67	-0.0308	0.4237	-0.0063
443	SLU 64	0.74	-0.66	85.32	-0.0295	0.3805	-0.0039
443	SLU 65	0.72	-0.55	85.3	-0.0288	0.3864	-0.005
443	SLU 66	0.76	-0.67	86.79	-0.03	0.3864	-0.0039
443	SLU 67	0.75	-0.61	86.78	-0.0296	0.3899	-0.0046
443	SLU 68	0.73	-0.57	86.22	-0.0293	0.3891	-0.0051
443	SLU 69	0.77	-0.68	87.71	-0.0304	0.3892	-0.004
443	SLU 70	0.76	-0.62	87.7	-0.03	0.3927	-0.0047
443	SLU 71	0.76	-0.69	87.15	-0.0303	0.386	-0.0041
443	SLU 72	0.75	-0.62	87.14	-0.0299	0.3895	-0.0048
443	SLU 73	0.75	-0.53	92.64	-0.0303	0.4268	-0.0055
443	SLU 74	0.78	-0.65	94.13	-0.0314	0.4268	-0.0044
443	SLU 75	0.77	-0.58	94.12	-0.031	0.4303	-0.0051
443	SLU 76	0.76	-0.55	93.56	-0.0307	0.4295	-0.0056
443	SLU 77	0.79	-0.66	95.05	-0.0318	0.4296	-0.0045
443	SLU 78	0.78	-0.6	95.04	-0.0314	0.4331	-0.0052
443	SLU 79	0.78	-0.66	94.49	-0.0317	0.4264	-0.0046
443	SLU 80	0.77	-0.6	94.48	-0.0314	0.4299	-0.0053
443	SLU 81	0.78	-0.63	95.8	-0.0315	0.4382	-0.0046
443	SLU 82	0.77	-0.56	95.8	-0.0311	0.4417	-0.0053
443	SLU 83	0.79	-0.64	96.72	-0.0319	0.441	-0.0047
443	SLU 84	0.78	-0.58	96.71	-0.0316	0.4445	-0.0054
443	SLE RA 1	0.55	-0.52	64.08	-0.0225	0.2882	-0.0032
443	SLE RA 2	0.54	-0.45	64.07	-0.0221	0.2921	-0.0039
443	SLE RA 3	0.56	-0.53	65.06	-0.0228	0.2921	-0.0032
443	SLE RA 4	0.56	-0.48	65.06	-0.0226	0.2944	-0.0036
443	SLE RA 5	0.55	-0.46	64.68	-0.0224	0.2939	-0.004
443	SLE RA 6	0.57	-0.54	65.67	-0.0231	0.2939	-0.0032
443	SLE RA 7	0.56	-0.49	65.67	-0.0229	0.2963	-0.0037
443	SLE RA 8	0.56	-0.54	65.3	-0.0231	0.2918	-0.0033
443	SLE RA 9	0.56	-0.5	65.3	-0.0228	0.2942	-0.0038
443	SLE RA 10	0.56	-0.44	68.97	-0.023	0.319	-0.0043
443	SLE RA 11	0.58	-0.51	69.96	-0.0238	0.319	-0.0035
443	SLE RA 12	0.58	-0.47	69.95	-0.0235	0.3214	-0.004
443	SLE RA 13	0.57	-0.45	69.58	-0.0233	0.3208	-0.0043
443	SLE RA 14	0.59	-0.52	70.57	-0.0241	0.3209	-0.0036
443	SLE RA 15	0.58	-0.48	70.56	-0.0238	0.3232	-0.004
443	SLE RA 16	0.58	-0.52	70.2	-0.024	0.3187	-0.0036
443	SLE RA 17	0.58	-0.48	70.19	-0.0238	0.3211	-0.0041
443	SLE RA 18	0.58	-0.5	71.07	-0.0239	0.3266	-0.0037
443	SLE RA 19	0.57	-0.46	71.07	-0.0236	0.329	-0.0041
443	SLE RA 20	0.58	-0.51	71.68	-0.0241	0.3285	-0.0037
443	SLE RA 21	0.58	-0.47	71.68	-0.0239	0.3308	-0.0042
443	SLE FR 1	0.55	-0.52	64.08	-0.0225	0.2882	-0.0032
443	SLE FR 2	0.55	-0.51	64.08	-0.0224	0.2889	-0.0033
443	SLE FR 3	0.56	-0.52	64.33	-0.0226	0.2889	-0.0032
443	SLE FR 4	0.56	-0.5	66.18	-0.0228	0.3005	-0.0035
443	SLE FR 5	0.56	-0.52	66.42	-0.023	0.3004	-0.0033
443	SLE FR 6	0.57	-0.51	67.58	-0.0232	0.3074	-0.0034
443	SLE QP 1	0.55	-0.52	64.08	-0.0225	0.2882	-0.0032
443	SLE QP 2	0.56	-0.51	66.18	-0.0229	0.2997	-0.0033
443	SLD 1	6.11	0.73	61.29	-0.0176	0.3713	0.0383
443	SLD 2	6.47	1.14	61.56	-0.0196	0.3638	0.051
443	SLD 3	6.02	-0.96	60.83	-0.0114	0.4038	0.036
443	SLD 4	6.37	-0.56	61.11	-0.0134	0.3963	0.0487
443	SLD 5	2.3	2.36	65.35	-0.0303	0.2732	0.0105
443	SLD 6	2.54	2.63	65.53	-0.0317	0.2682	0.0188
443	SLD 7	2	-3.3	63.84	-0.0097	0.3816	0.0027
443	SLD 8	2.23	-3.03	64.02	-0.011	0.3767	0.011
443	SLD 9	-1.11	2	68.34	-0.0348	0.2227	-0.0176
443	SLD 10	-0.87	2.27	68.52	-0.0361	0.2178	-0.0093
443	SLD 11	-1.41	-3.66	66.83	-0.0141	0.3312	-0.0254
443	SLD 12	-1.18	-3.39	67.01	-0.0155	0.3263	-0.0171
443	SLD 13	-5.25	-0.47	71.25	-0.0324	0.2031	-0.0553
443	SLD 14	-4.9	-0.06	71.53	-0.0344	0.1956	-0.0426
443	SLD 15	-5.34	-2.17	70.8	-0.0262	0.2356	-0.0577
443	SLD 16	-4.99	-1.76	71.07	-0.0282	0.2282	-0.045



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
443	SLV 1	13.55	2.35	54.72	-0.0102	0.468	0.0942
443	SLV 2	14.37	3.29	55.36	-0.0149	0.4506	0.1237
443	SLV 3	13.34	-1.5	53.68	0.0039	0.542	0.0888
443	SLV 4	14.16	-0.56	54.33	-0.0008	0.5246	0.1183
443	SLV 5	4.63	6.02	64.2	-0.0396	0.2411	0.029
443	SLV 6	5.16	6.63	64.61	-0.0426	0.2298	0.0481
443	SLV 7	3.94	-6.81	60.75	0.0073	0.4876	0.011
443	SLV 8	4.47	-6.2	61.17	0.0042	0.4763	0.0301
443	SLV 9	-3.34	5.18	71.19	-0.0501	0.1231	-0.0368
443	SLV 10	-2.81	5.79	71.61	-0.0531	0.1118	-0.0177
443	SLV 11	-4.04	-7.66	67.75	-0.0032	0.3696	-0.0547
443	SLV 12	-3.51	-7.05	68.16	-0.0062	0.3584	-0.0356
443	SLV 13	-13.04	-0.47	78.03	-0.045	0.0748	-0.1249
443	SLV 14	-12.22	0.48	78.68	-0.0497	0.0574	-0.0954
443	SLV 15	-13.25	-4.32	77	-0.0309	0.1488	-0.1303
443	SLV 16	-12.43	-3.37	77.64	-0.0356	0.1314	-0.1008
443	CRTFP Ux+	0	0	0	0	0	0
443	CRTFP Ux-	0	0	0	0	0	0
444	SLU 1	0.53	0.37	36.11	0.0113	7.7187	-0.1311
444	SLU 2	0.51	0.48	36.03	0.012	7.6976	-0.1711
444	SLU 3	0.54	0.37	36.97	0.0115	7.8903	-0.1325
444	SLU 4	0.53	0.44	36.93	0.012	7.8776	-0.1566
444	SLU 5	0.51	0.48	36.57	0.0121	7.8041	-0.1706
444	SLU 6	0.55	0.37	37.51	0.0117	7.9967	-0.132
444	SLU 7	0.54	0.44	37.47	0.0121	7.984	-0.156
444	SLU 8	0.55	0.37	37.19	0.0115	7.9317	-0.13
444	SLU 9	0.53	0.44	37.14	0.012	7.919	-0.1541
444	SLU 10	0.53	0.6	40.08	0.014	8.5312	-0.2112
444	SLU 11	0.57	0.49	41.02	0.0135	8.7239	-0.1726
444	SLU 12	0.56	0.56	40.97	0.014	8.7112	-0.1967
444	SLU 13	0.54	0.6	40.62	0.0141	8.6377	-0.2107
444	SLU 14	0.58	0.49	41.56	0.0136	8.8303	-0.1721
444	SLU 15	0.56	0.56	41.51	0.0141	8.8176	-0.1961
444	SLU 16	0.57	0.48	41.23	0.0135	8.7653	-0.1701
444	SLU 17	0.56	0.55	41.19	0.0139	8.7526	-0.1942
444	SLU 18	0.57	0.53	41.89	0.0141	8.9096	-0.1884
444	SLU 19	0.55	0.6	41.84	0.0146	8.8969	-0.2124
444	SLU 20	0.57	0.53	42.43	0.0143	9.0161	-0.1878
444	SLU 21	0.56	0.6	42.38	0.0147	9.0034	-0.2119
444	SLU 22	0.59	0.47	40.14	0.0134	8.5437	-0.1657
444	SLU 23	0.56	0.58	40.06	0.0141	8.5226	-0.2058
444	SLU 24	0.6	0.47	41	0.0136	8.7152	-0.1672
444	SLU 25	0.59	0.54	40.96	0.0141	8.7026	-0.1912
444	SLU 26	0.57	0.58	40.6	0.0142	8.6291	-0.2052
444	SLU 27	0.61	0.47	41.54	0.0137	8.8217	-0.1666
444	SLU 28	0.59	0.54	41.5	0.0142	8.809	-0.1907
444	SLU 29	0.6	0.47	41.22	0.0136	8.7567	-0.1647
444	SLU 30	0.59	0.53	41.17	0.014	8.744	-0.1887
444	SLU 31	0.59	0.7	44.11	0.0161	9.3562	-0.2458
444	SLU 32	0.63	0.59	45.05	0.0156	9.5489	-0.2073
444	SLU 33	0.61	0.66	45	0.016	9.5362	-0.2313
444	SLU 34	0.6	0.7	44.65	0.0162	9.4627	-0.2453
444	SLU 35	0.64	0.59	45.59	0.0157	9.6553	-0.2067
444	SLU 36	0.62	0.65	45.54	0.0162	9.6426	-0.2308
444	SLU 37	0.63	0.58	45.27	0.0156	9.5903	-0.2048
444	SLU 38	0.61	0.65	45.22	0.016	9.5776	-0.2288
444	SLU 39	0.62	0.63	45.92	0.0162	9.7346	-0.223
444	SLU 40	0.61	0.7	45.87	0.0166	9.7219	-0.247
444	SLU 41	0.63	0.63	46.46	0.0163	9.8411	-0.2225
444	SLU 42	0.62	0.7	46.41	0.0168	9.8284	-0.2465
444	SLU 43	0.67	0.45	45.56	0.014	9.7515	-0.1585
444	SLU 44	0.65	0.56	45.48	0.0147	9.7304	-0.1986
444	SLU 45	0.68	0.45	46.43	0.0142	9.923	-0.16
444	SLU 46	0.67	0.52	46.38	0.0147	9.9103	-0.184
444	SLU 47	0.65	0.56	46.02	0.0148	9.8369	-0.1981
444	SLU 48	0.69	0.45	46.96	0.0143	10.0295	-0.1595
444	SLU 49	0.68	0.52	46.92	0.0148	10.0168	-0.1835
444	SLU 50	0.69	0.44	46.64	0.0142	9.9644	-0.1575
444	SLU 51	0.67	0.51	46.59	0.0146	9.9518	-0.1815
444	SLU 52	0.67	0.68	49.53	0.0167	10.564	-0.2387
444	SLU 53	0.71	0.57	50.47	0.0162	10.7566	-0.2001
444	SLU 54	0.69	0.63	50.43	0.0166	10.744	-0.2241
444	SLU 55	0.68	0.67	50.07	0.0168	10.6705	-0.2382
444	SLU 56	0.72	0.56	51.01	0.0163	10.8631	-0.1996
444	SLU 57	0.7	0.63	50.96	0.0168	10.8504	-0.2236
444	SLU 58	0.71	0.56	50.69	0.0162	10.7981	-0.1976
444	SLU 59	0.7	0.63	50.64	0.0166	10.7854	-0.2216
444	SLU 60	0.71	0.61	51.34	0.0168	10.9424	-0.2158
444	SLU 61	0.69	0.68	51.3	0.0172	10.9297	-0.2398
444	SLU 62	0.71	0.61	51.88	0.0169	11.0488	-0.2153
444	SLU 63	0.7	0.68	51.83	0.0174	11.0362	-0.2393
444	SLU 64	0.73	0.55	49.59	0.0161	10.5765	-0.1932
444	SLU 65	0.7	0.66	49.51	0.0168	10.5554	-0.2332
444	SLU 66	0.74	0.55	50.46	0.0163	10.748	-0.1946
444	SLU 67	0.73	0.62	50.41	0.0167	10.7353	-0.2186
444	SLU 68	0.71	0.66	50.05	0.0169	10.6619	-0.2327
444	SLU 69	0.75	0.55	50.99	0.0164	10.8545	-0.1941
444	SLU 70	0.73	0.62	50.95	0.0168	10.8418	-0.2181
444	SLU 71	0.74	0.54	50.67	0.0163	10.7894	-0.1921



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
444	SLU 72	0.73	0.61	50.62	0.0167	10.7768	-0.2161
444	SLU 73	0.73	0.77	53.56	0.0188	11.389	-0.2733
444	SLU 74	0.77	0.66	54.5	0.0183	11.5816	-0.2347
444	SLU 75	0.75	0.73	54.46	0.0187	11.5689	-0.2587
444	SLU 76	0.74	0.77	54.1	0.0189	11.4955	-0.2728
444	SLU 77	0.77	0.66	55.04	0.0184	11.6881	-0.2342
444	SLU 78	0.76	0.73	54.99	0.0188	11.6754	-0.2582
444	SLU 79	0.77	0.66	54.72	0.0183	11.623	-0.2322
444	SLU 80	0.75	0.73	54.67	0.0187	11.6104	-0.2562
444	SLU 81	0.76	0.71	55.37	0.0189	11.7674	-0.2504
444	SLU 82	0.75	0.78	55.33	0.0193	11.7547	-0.2745
444	SLU 83	0.77	0.71	55.91	0.019	11.8738	-0.2499
444	SLU 84	0.76	0.78	55.86	0.0194	11.8612	-0.2739
444	SLE RA 1	0.55	0.4	37.26	0.0119	7.9545	-0.141
444	SLE RA 2	0.53	0.47	37.21	0.0124	7.9404	-0.1677
444	SLE RA 3	0.56	0.4	37.84	0.0121	8.0688	-0.1419
444	SLE RA 4	0.55	0.45	37.81	0.0123	8.0603	-0.158
444	SLE RA 5	0.54	0.47	37.57	0.0124	8.0114	-0.1673
444	SLE RA 6	0.56	0.4	38.2	0.0121	8.1398	-0.1416
444	SLE RA 7	0.55	0.45	38.17	0.0124	8.1313	-0.1576
444	SLE RA 8	0.56	0.4	37.98	0.012	8.0964	-0.1403
444	SLE RA 9	0.55	0.44	37.95	0.0123	8.088	-0.1563
444	SLE RA 10	0.55	0.55	39.91	0.0137	8.4961	-0.1944
444	SLE RA 11	0.57	0.48	40.54	0.0134	8.6245	-0.1687
444	SLE RA 12	0.56	0.52	40.5	0.0137	8.6161	-0.1847
444	SLE RA 13	0.55	0.55	40.27	0.0138	8.5671	-0.1941
444	SLE RA 14	0.58	0.48	40.89	0.0135	8.6955	-0.1683
444	SLE RA 15	0.57	0.52	40.86	0.0137	8.6871	-0.1843
444	SLE RA 16	0.57	0.47	40.68	0.0134	8.6522	-0.167
444	SLE RA 17	0.56	0.52	40.65	0.0137	8.6437	-0.183
444	SLE RA 18	0.57	0.51	41.12	0.0138	8.7484	-0.1792
444	SLE RA 19	0.56	0.55	41.08	0.0141	8.7399	-0.1952
444	SLE RA 20	0.58	0.51	41.48	0.0139	8.8193	-0.1788
444	SLE RA 21	0.57	0.55	41.44	0.0141	8.8109	-0.1948
444	SLE FR 1	0.55	0.4	37.26	0.0119	7.9545	-0.141
444	SLE FR 2	0.54	0.41	37.25	0.012	7.9516	-0.1463
444	SLE FR 3	0.55	0.4	37.41	0.0119	7.9829	-0.1408
444	SLE FR 4	0.55	0.45	38.41	0.0126	8.1898	-0.1578
444	SLE FR 5	0.56	0.43	38.56	0.0125	8.221	-0.1523
444	SLE FR 6	0.56	0.45	39.19	0.0128	8.3514	-0.1601
444	SLE QP 1	0.55	0.4	37.26	0.0119	7.9545	-0.141
444	SLE QP 2	0.55	0.43	38.42	0.0125	8.1926	-0.1524
444	SLD 1	3.75	1.02	28.16	0.0102	6.2298	-0.3592
444	SLD 2	3.95	1.65	28.45	0.0082	6.2695	-0.58
444	SLD 3	3.67	-0.42	27.73	0.0138	6.1881	0.1434
444	SLD 4	3.87	0.22	28.02	0.0118	6.2277	-0.0774
444	SLD 5	1.6	2.67	35.94	0.0066	7.66	-0.9372
444	SLD 6	1.72	3.09	36.13	0.0053	7.6861	-1.0825
444	SLD 7	1.34	-2.11	34.51	0.0187	7.5208	0.7381
444	SLD 8	1.46	-1.7	34.7	0.0174	7.5469	0.5928
444	SLD 9	-0.36	2.56	42.14	0.0075	8.8384	-0.8977
444	SLD 10	-0.23	2.98	42.32	0.0062	8.8645	-1.043
444	SLD 11	-0.62	-2.23	40.71	0.0196	8.6991	0.7777
444	SLD 12	-0.49	-1.81	40.9	0.0183	8.7252	0.6323
444	SLD 13	-2.76	0.64	48.82	0.0131	10.1576	-0.2275
444	SLD 14	-2.56	1.28	49.1	0.0111	10.1972	-0.4482
444	SLD 15	-2.84	-0.79	48.39	0.0167	10.1158	0.2751
444	SLD 16	-2.64	-0.16	48.67	0.0148	10.1554	0.0544
444	SLV 1	8.03	1.76	14.4	0.0072	3.5968	-0.6195
444	SLV 2	8.49	3.24	15.06	0.0026	3.6891	-1.1335
444	SLV 3	7.85	-1.49	13.42	0.0154	3.5011	0.5199
444	SLV 4	8.31	-0.02	14.08	0.0109	3.5934	0.0059
444	SLV 5	2.99	5.51	32.58	-0.0008	6.9429	-1.9313
444	SLV 6	3.28	6.46	33.01	-0.0038	7.0026	-2.2639
444	SLV 7	2.39	-5.34	29.32	0.0267	6.6241	1.8664
444	SLV 8	2.69	-4.38	29.75	0.0237	6.6838	1.5338
444	SLV 9	-1.58	5.24	47.08	0.0012	9.7015	-1.8387
444	SLV 10	-1.29	6.2	47.51	-0.0017	9.7612	-2.1713
444	SLV 11	-2.17	-5.6	43.83	0.0287	9.3826	1.9591
444	SLV 12	-1.88	-4.65	44.26	0.0257	9.4423	1.6265
444	SLV 13	-7.2	0.88	62.75	0.0141	12.7919	-0.3107
444	SLV 14	-6.74	2.35	63.41	0.0095	12.8841	-0.8247
444	SLV 15	-7.38	-2.38	61.78	0.0223	12.6962	0.8286
444	SLV 16	-6.92	-0.9	62.44	0.0177	12.7885	0.3146
444	CRTFP Ux+	0	0	0	0	0	0
444	CRTFP Ux-	0	0	0	0	0	0
444	CRTFP Uy+	0	0	0	0	0	0
444	CRTFP Uy-	0	0	0	0	0	0
447	SLU 1	0.05	-0.2	36.84	-0.4382	11.3499	0.0712
447	SLU 2	0.04	-0.15	36.9	-0.4391	11.3663	0.0546
447	SLU 3	0.06	-0.19	37.72	-0.4486	11.6159	0.069
447	SLU 4	0.05	-0.16	37.75	-0.4491	11.6257	0.059
447	SLU 5	0.05	-0.15	37.43	-0.4455	11.5289	0.0554
447	SLU 6	0.06	-0.19	38.25	-0.4551	11.7785	0.0698
447	SLU 7	0.05	-0.16	38.28	-0.4556	11.7883	0.0599
447	SLU 8	0.06	-0.2	37.91	-0.4511	11.6751	0.0728
447	SLU 9	0.05	-0.17	37.94	-0.4516	11.685	0.0628
447	SLU 10	0.07	-0.11	41.64	-0.4943	12.8301	0.0413
447	SLU 11	0.08	-0.15	42.46	-0.5039	13.0797	0.0558



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
447	SLU 12	0.07	-0.12	42.49	-0.5044	13.0896	0.0458
447	SLU 13	0.07	-0.11	42.17	-0.5008	12.9927	0.0422
447	SLU 14	0.08	-0.15	42.99	-0.5103	13.2424	0.0566
447	SLU 15	0.07	-0.13	43.02	-0.5108	13.2522	0.0466
447	SLU 16	0.08	-0.16	42.65	-0.5064	13.139	0.0596
447	SLU 17	0.07	-0.13	42.68	-0.5069	13.1488	0.0496
447	SLU 18	0.08	-0.14	43.61	-0.5172	13.4411	0.0523
447	SLU 19	0.08	-0.11	43.65	-0.5177	13.4509	0.0423
447	SLU 20	0.09	-0.14	44.15	-0.5236	13.6037	0.0531
447	SLU 21	0.08	-0.12	44.18	-0.5241	13.6135	0.0432
447	SLU 22	0.07	-0.12	40.9	-0.4855	12.5837	0.0453
447	SLU 23	0.06	-0.07	40.95	-0.4863	12.6001	0.0287
447	SLU 24	0.07	-0.11	41.77	-0.4959	12.8497	0.0432
447	SLU 25	0.06	-0.09	41.8	-0.4964	12.8595	0.0332
447	SLU 26	0.06	-0.08	41.48	-0.4927	12.7627	0.0296
447	SLU 27	0.07	-0.12	42.3	-0.5023	13.0123	0.044
447	SLU 28	0.07	-0.09	42.34	-0.5028	13.0221	0.034
447	SLU 29	0.07	-0.13	41.96	-0.4983	12.9089	0.047
447	SLU 30	0.07	-0.1	42	-0.4988	12.9187	0.037
447	SLU 31	0.08	-0.04	45.69	-0.5415	14.0639	0.0155
447	SLU 32	0.09	-0.08	46.51	-0.5511	14.3135	0.0299
447	SLU 33	0.09	-0.05	46.54	-0.5516	14.3233	0.02
447	SLU 34	0.08	-0.04	46.22	-0.548	14.2265	0.0163
447	SLU 35	0.09	-0.08	47.04	-0.5576	14.4761	0.0308
447	SLU 36	0.09	-0.05	47.08	-0.558	14.486	0.0208
447	SLU 37	0.09	-0.09	46.7	-0.5536	14.3727	0.0338
447	SLU 38	0.09	-0.06	46.73	-0.5541	14.3826	0.0238
447	SLU 39	0.1	-0.07	47.67	-0.5644	14.6749	0.0265
447	SLU 40	0.09	-0.04	47.7	-0.5649	14.6847	0.0165
447	SLU 41	0.1	-0.07	48.2	-0.5708	14.8375	0.0273
447	SLU 42	0.09	-0.04	48.23	-0.5713	14.8473	0.0173
447	SLU 43	0.06	-0.28	46.51	-0.5535	14.3318	0.1014
447	SLU 44	0.05	-0.23	46.56	-0.5543	14.3482	0.0848
447	SLU 45	0.07	-0.27	47.38	-0.5639	14.5979	0.0992
447	SLU 46	0.06	-0.25	47.41	-0.5644	14.6077	0.0892
447	SLU 47	0.06	-0.24	47.09	-0.5608	14.5109	0.0856
447	SLU 48	0.07	-0.28	47.91	-0.5704	14.7605	0.1
447	SLU 49	0.06	-0.25	47.95	-0.5708	14.7703	0.0901
447	SLU 50	0.07	-0.28	47.57	-0.5664	14.6571	0.103
447	SLU 51	0.06	-0.26	47.61	-0.5669	14.6669	0.0931
447	SLU 52	0.08	-0.2	51.3	-0.6096	15.8121	0.0716
447	SLU 53	0.09	-0.24	52.12	-0.6192	16.0617	0.086
447	SLU 54	0.08	-0.21	52.15	-0.6197	16.0715	0.076
447	SLU 55	0.08	-0.2	51.83	-0.616	15.9747	0.0724
447	SLU 56	0.09	-0.24	52.65	-0.6256	16.2243	0.0868
447	SLU 57	0.08	-0.21	52.69	-0.6261	16.2341	0.0768
447	SLU 58	0.09	-0.25	52.31	-0.6216	16.1209	0.0898
447	SLU 59	0.08	-0.22	52.34	-0.6221	16.1307	0.0798
447	SLU 60	0.09	-0.23	53.28	-0.6325	16.423	0.0825
447	SLU 61	0.09	-0.2	53.31	-0.633	16.4329	0.0725
447	SLU 62	0.1	-0.23	53.81	-0.6389	16.5857	0.0833
447	SLU 63	0.09	-0.2	53.84	-0.6394	16.5955	0.0734
447	SLU 64	0.08	-0.21	50.56	-0.6007	15.5656	0.0755
447	SLU 65	0.07	-0.16	50.61	-0.6016	15.582	0.0589
447	SLU 66	0.08	-0.2	51.44	-0.6111	15.8316	0.0734
447	SLU 67	0.08	-0.17	51.47	-0.6116	15.8415	0.0634
447	SLU 68	0.07	-0.16	51.15	-0.608	15.7446	0.0598
447	SLU 69	0.08	-0.2	51.97	-0.6176	15.9942	0.0742
447	SLU 70	0.08	-0.17	52	-0.6181	16.0041	0.0642
447	SLU 71	0.08	-0.21	51.63	-0.6136	15.8909	0.0772
447	SLU 72	0.08	-0.18	51.66	-0.6141	15.9007	0.0672
447	SLU 73	0.09	-0.12	55.35	-0.6568	17.0458	0.0457
447	SLU 74	0.1	-0.16	56.17	-0.6664	17.2955	0.0602
447	SLU 75	0.1	-0.13	56.21	-0.6669	17.3053	0.0502
447	SLU 76	0.09	-0.12	55.89	-0.6633	17.2085	0.0465
447	SLU 77	0.1	-0.16	56.71	-0.6728	17.4581	0.061
447	SLU 78	0.1	-0.13	56.74	-0.6733	17.4679	0.051
447	SLU 79	0.1	-0.17	56.37	-0.6689	17.3547	0.064
447	SLU 80	0.1	-0.14	56.4	-0.6694	17.3645	0.054
447	SLU 81	0.11	-0.15	57.33	-0.6797	17.6568	0.0567
447	SLU 82	0.1	-0.12	57.36	-0.6802	17.6666	0.0467
447	SLU 83	0.11	-0.15	57.86	-0.6861	17.8194	0.0575
447	SLU 84	0.11	-0.12	57.9	-0.6866	17.8293	0.0475
447	SLE RA 1	0.06	-0.17	38	-0.4517	11.7024	0.0638
447	SLE RA 2	0.05	-0.14	38.04	-0.4523	11.7133	0.0527
447	SLE RA 3	0.06	-0.17	38.58	-0.4587	11.8797	0.0623
447	SLE RA 4	0.06	-0.15	38.61	-0.459	11.8863	0.0557
447	SLE RA 5	0.05	-0.14	38.39	-0.4566	11.8217	0.0533
447	SLE RA 6	0.06	-0.17	38.94	-0.463	11.9881	0.0629
447	SLE RA 7	0.06	-0.15	38.96	-0.4633	11.9947	0.0562
447	SLE RA 8	0.06	-0.18	38.71	-0.4603	11.9192	0.0649
447	SLE RA 9	0.06	-0.16	38.73	-0.4606	11.9258	0.0582
447	SLE RA 10	0.07	-0.12	41.2	-0.4891	12.6892	0.0439
447	SLE RA 11	0.07	-0.14	41.74	-0.4955	12.8556	0.0535
447	SLE RA 12	0.07	-0.13	41.77	-0.4958	12.8622	0.0469
447	SLE RA 13	0.07	-0.12	41.55	-0.4934	12.7976	0.0445
447	SLE RA 14	0.07	-0.15	42.1	-0.4998	12.964	0.0541
447	SLE RA 15	0.07	-0.13	42.12	-0.5001	12.9706	0.0474
447	SLE RA 16	0.07	-0.15	41.87	-0.4971	12.8951	0.0561



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
447	SLE RA 17	0.07	-0.13	41.89	-0.4975	12.9017	0.0494
447	SLE RA 18	0.08	-0.14	42.52	-0.5044	13.0965	0.0512
447	SLE RA 19	0.07	-0.12	42.54	-0.5047	13.1031	0.0446
447	SLE RA 20	0.08	-0.14	42.87	-0.5086	13.2049	0.0517
447	SLE RA 21	0.08	-0.12	42.89	-0.509	13.2115	0.0451
447	SLE FR 1	0.06	-0.17	38	-0.4517	11.7024	0.0638
447	SLE FR 2	0.06	-0.17	38.01	-0.4518	11.7046	0.0616
447	SLE FR 3	0.06	-0.18	38.14	-0.4534	11.7458	0.064
447	SLE FR 4	0.06	-0.16	39.36	-0.4676	12.1228	0.0578
447	SLE FR 5	0.06	-0.16	39.5	-0.4692	12.164	0.0602
447	SLE FR 6	0.07	-0.16	40.26	-0.478	12.3995	0.0575
447	SLE QP 1	0.06	-0.17	38	-0.4517	11.7024	0.0638
447	SLE QP 2	0.06	-0.16	39.36	-0.4675	12.1206	0.06
447	SLD 1	3.01	0.28	39.25	-0.4726	12.0534	-0.0582
447	SLD 2	3.17	0.32	39.3	-0.4734	12.0644	-0.0664
447	SLD 3	2.97	-0.8	39.08	-0.4674	12.0044	0.3213
447	SLD 4	3.13	-0.77	39.13	-0.4683	12.0154	0.3131
447	SLD 5	0.97	1.61	39.58	-0.4767	12.1728	-0.5496
447	SLD 6	1.08	1.63	39.61	-0.4773	12.18	-0.555
447	SLD 7	0.85	-2.01	39	-0.4595	12.0095	0.7155
447	SLD 8	0.96	-1.99	39.03	-0.46	12.0167	0.7101
447	SLD 9	-0.83	1.66	39.68	-0.475	12.2245	-0.5901
447	SLD 10	-0.72	1.68	39.71	-0.4755	12.2318	-0.5955
447	SLD 11	-0.95	-1.96	39.1	-0.4577	12.0612	0.675
447	SLD 12	-0.85	-1.94	39.13	-0.4583	12.0685	0.6696
447	SLD 13	-3	0.44	39.58	-0.4668	12.2258	-0.1931
447	SLD 14	-2.84	0.48	39.63	-0.4676	12.2368	-0.2013
447	SLD 15	-3.04	-0.64	39.41	-0.4616	12.1769	0.1865
447	SLD 16	-2.88	-0.61	39.46	-0.4624	12.1879	0.1782
447	SLV 1	6.95	0.84	39.11	-0.4792	11.9629	-0.2028
447	SLV 2	7.32	0.92	39.23	-0.4812	11.9885	-0.222
447	SLV 3	6.86	-1.62	38.71	-0.4675	11.8494	0.6574
447	SLV 4	7.24	-1.54	38.83	-0.4694	11.875	0.6383
447	SLV 5	2.19	3.86	39.87	-0.4885	12.2411	-1.3203
447	SLV 6	2.43	3.91	39.94	-0.4898	12.2576	-1.3327
447	SLV 7	1.91	-4.35	38.54	-0.4493	11.8626	1.5473
447	SLV 8	2.15	-4.3	38.61	-0.4506	11.8792	1.5349
447	SLV 9	-2.03	3.97	40.1	-0.4844	12.3621	-1.4149
447	SLV 10	-1.78	4.02	40.17	-0.4857	12.3786	-1.4273
447	SLV 11	-2.31	-4.24	38.77	-0.4452	11.9836	1.4527
447	SLV 12	-2.06	-4.19	38.85	-0.4465	12.0002	1.4403
447	SLV 13	-7.11	1.22	39.88	-0.4656	12.3663	-0.5183
447	SLV 14	-6.74	1.29	40	-0.4676	12.3919	-0.5374
447	SLV 15	-7.2	-1.25	39.48	-0.4539	12.2527	0.342
447	SLV 16	-6.82	-1.17	39.6	-0.4558	12.2783	0.3228
447	CRTFP Ux+	0	0	0	0	0	0
447	CRTFP Ux-	0	0	0	0	0	0
447	CRTFP Uy+	0	0	0	0	0	0
447	CRTFP Uy-	0	0	0	0	0	0
450	SLU 1	-0.59	0.47	32.73	0.0252	-4.5679	0.1187
450	SLU 2	-0.56	0.58	32.67	0.0258	-4.5587	0.1456
450	SLU 3	-0.6	0.48	33.51	0.0258	-4.6684	0.1225
450	SLU 4	-0.59	0.55	33.47	0.0262	-4.6629	0.1386
450	SLU 5	-0.57	0.59	33.15	0.0261	-4.6206	0.1483
450	SLU 6	-0.61	0.5	33.99	0.0262	-4.7303	0.1252
450	SLU 7	-0.6	0.56	33.95	0.0265	-4.7248	0.1413
450	SLU 8	-0.61	0.49	33.7	0.0259	-4.6917	0.1242
450	SLU 9	-0.59	0.55	33.66	0.0262	-4.6862	0.1402
450	SLU 10	-0.59	0.68	36.35	0.0295	-5.0579	0.1728
450	SLU 11	-0.63	0.59	37.18	0.0296	-5.1675	0.1498
450	SLU 12	-0.62	0.66	37.15	0.0299	-5.162	0.1659
450	SLU 13	-0.6	0.7	36.83	0.0299	-5.1198	0.1755
450	SLU 14	-0.64	0.6	37.67	0.0299	-5.2294	0.1525
450	SLU 15	-0.63	0.67	37.63	0.0303	-5.2239	0.1686
450	SLU 16	-0.64	0.6	37.37	0.0296	-5.1908	0.1514
450	SLU 17	-0.62	0.66	37.34	0.03	-5.1853	0.1675
450	SLU 18	-0.63	0.62	37.99	0.0305	-5.281	0.1577
450	SLU 19	-0.62	0.69	37.95	0.0309	-5.2755	0.1738
450	SLU 20	-0.64	0.64	38.47	0.0309	-5.3429	0.1604
450	SLU 21	-0.63	0.7	38.43	0.0313	-5.3374	0.1765
450	SLU 22	-0.64	0.57	36.42	0.029	-5.0636	0.1436
450	SLU 23	-0.62	0.68	36.36	0.0296	-5.0544	0.1704
450	SLU 24	-0.66	0.58	37.2	0.0296	-5.1641	0.1474
450	SLU 25	-0.65	0.65	37.16	0.03	-5.1586	0.1635
450	SLU 26	-0.63	0.69	36.84	0.03	-5.1163	0.1731
450	SLU 27	-0.67	0.59	37.68	0.03	-5.226	0.1501
450	SLU 28	-0.66	0.66	37.64	0.0304	-5.2205	0.1662
450	SLU 29	-0.66	0.59	37.39	0.0297	-5.1874	0.149
450	SLU 30	-0.65	0.65	37.35	0.0301	-5.1819	0.1651
450	SLU 31	-0.65	0.78	40.04	0.0334	-5.5536	0.1977
450	SLU 32	-0.69	0.69	40.88	0.0334	-5.6632	0.1747
450	SLU 33	-0.68	0.76	40.84	0.0338	-5.6577	0.1908
450	SLU 34	-0.66	0.79	40.52	0.0337	-5.6155	0.2004
450	SLU 35	-0.7	0.7	41.36	0.0338	-5.7251	0.1774
450	SLU 36	-0.69	0.77	41.32	0.0341	-5.7196	0.1935
450	SLU 37	-0.7	0.7	41.07	0.0335	-5.6865	0.1763
450	SLU 38	-0.68	0.76	41.03	0.0338	-5.681	0.1924
450	SLU 39	-0.69	0.72	41.68	0.0344	-5.7767	0.1826
450	SLU 40	-0.67	0.79	41.64	0.0347	-5.7712	0.1987



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
450	SLU 41	-0.7	0.73	42.16	0.0347	-5.8386	0.1853
450	SLU 42	-0.68	0.8	42.12	0.0351	-5.8331	0.2014
450	SLU 43	-0.74	0.58	41.28	0.0314	-5.7683	0.1458
450	SLU 44	-0.72	0.68	41.22	0.032	-5.7591	0.1726
450	SLU 45	-0.76	0.59	42.06	0.0321	-5.8688	0.1496
450	SLU 46	-0.74	0.65	42.02	0.0324	-5.8633	0.1657
450	SLU 47	-0.73	0.69	41.7	0.0324	-5.821	0.1754
450	SLU 48	-0.77	0.6	42.54	0.0324	-5.9307	0.1523
450	SLU 49	-0.75	0.67	42.5	0.0328	-5.9252	0.1684
450	SLU 50	-0.76	0.6	42.25	0.0321	-5.8921	0.1512
450	SLU 51	-0.75	0.66	42.21	0.0325	-5.8866	0.1673
450	SLU 52	-0.75	0.79	44.9	0.0358	-6.2583	0.1999
450	SLU 53	-0.79	0.7	45.74	0.0358	-6.3679	0.1769
450	SLU 54	-0.77	0.76	45.7	0.0362	-6.3624	0.193
450	SLU 55	-0.76	0.8	45.38	0.0361	-6.3202	0.2026
450	SLU 56	-0.8	0.71	46.22	0.0362	-6.4298	0.1796
450	SLU 57	-0.78	0.77	46.18	0.0365	-6.4243	0.1957
450	SLU 58	-0.79	0.71	45.93	0.0359	-6.3912	0.1785
450	SLU 59	-0.78	0.77	45.89	0.0362	-6.3858	0.1946
450	SLU 60	-0.79	0.73	46.54	0.0368	-6.4814	0.1848
450	SLU 61	-0.77	0.8	46.5	0.0371	-6.4759	0.2009
450	SLU 62	-0.8	0.74	47.02	0.0371	-6.5433	0.1875
450	SLU 63	-0.78	0.81	46.98	0.0375	-6.5378	0.2036
450	SLU 64	-0.8	0.68	44.97	0.0352	-6.264	0.1707
450	SLU 65	-0.78	0.78	44.91	0.0358	-6.2548	0.1975
450	SLU 66	-0.81	0.69	45.75	0.0359	-6.3645	0.1745
450	SLU 67	-0.8	0.75	45.71	0.0362	-6.359	0.1906
450	SLU 68	-0.79	0.79	45.39	0.0362	-6.3167	0.2002
450	SLU 69	-0.83	0.7	46.23	0.0362	-6.4264	0.1772
450	SLU 70	-0.81	0.76	46.2	0.0366	-6.4209	0.1933
450	SLU 71	-0.82	0.7	45.94	0.0359	-6.3878	0.1761
450	SLU 72	-0.81	0.76	45.9	0.0363	-6.3823	0.1922
450	SLU 73	-0.81	0.89	48.59	0.0396	-6.754	0.2248
450	SLU 74	-0.85	0.8	49.43	0.0396	-6.8636	0.2018
450	SLU 75	-0.83	0.86	49.39	0.04	-6.8581	0.2179
450	SLU 76	-0.82	0.9	49.07	0.04	-6.8159	0.2275
450	SLU 77	-0.86	0.81	49.91	0.04	-6.9255	0.2045
450	SLU 78	-0.84	0.87	49.87	0.0404	-6.92	0.2206
450	SLU 79	-0.85	0.81	49.62	0.0397	-6.8869	0.2034
450	SLU 80	-0.84	0.87	49.58	0.0401	-6.8814	0.2195
450	SLU 81	-0.84	0.83	50.23	0.0406	-6.9771	0.2097
450	SLU 82	-0.83	0.89	50.19	0.041	-6.9716	0.2258
450	SLU 83	-0.85	0.84	50.71	0.041	-7.039	0.2124
450	SLU 84	-0.84	0.91	50.67	0.0413	-7.0335	0.2285
450	SLE RA 1	-0.6	0.5	33.78	0.0263	-4.7095	0.1258
450	SLE RA 2	-0.59	0.57	33.74	0.0267	-4.7034	0.1437
450	SLE RA 3	-0.61	0.51	34.3	0.0267	-4.7765	0.1284
450	SLE RA 4	-0.6	0.55	34.28	0.0269	-4.7728	0.1391
450	SLE RA 5	-0.59	0.58	34.06	0.0269	-4.7446	0.1455
450	SLE RA 6	-0.62	0.51	34.62	0.0269	-4.8178	0.1302
450	SLE RA 7	-0.61	0.56	34.6	0.0272	-4.8141	0.1409
450	SLE RA 8	-0.62	0.51	34.43	0.0267	-4.792	0.1294
450	SLE RA 9	-0.61	0.55	34.4	0.027	-4.7884	0.1402
450	SLE RA 10	-0.61	0.64	36.2	0.0292	-5.0362	0.1619
450	SLE RA 11	-0.63	0.58	36.75	0.0292	-5.1093	0.1465
450	SLE RA 12	-0.62	0.62	36.73	0.0294	-5.1056	0.1573
450	SLE RA 13	-0.61	0.65	36.52	0.0294	-5.0774	0.1637
450	SLE RA 14	-0.64	0.59	37.08	0.0294	-5.1505	0.1484
450	SLE RA 15	-0.63	0.63	37.05	0.0297	-5.1469	0.1591
450	SLE RA 16	-0.64	0.58	36.88	0.0292	-5.1248	0.1476
450	SLE RA 17	-0.63	0.63	36.86	0.0295	-5.1211	0.1584
450	SLE RA 18	-0.63	0.6	37.29	0.0298	-5.1849	0.1518
450	SLE RA 19	-0.62	0.64	37.26	0.0301	-5.1812	0.1626
450	SLE RA 20	-0.64	0.61	37.61	0.0301	-5.2262	0.1536
450	SLE RA 21	-0.63	0.65	37.58	0.0303	-5.2225	0.1644
450	SLE FR 1	-0.6	0.5	33.78	0.0263	-4.7095	0.1258
450	SLE FR 2	-0.6	0.51	33.78	0.0263	-4.7083	0.1294
450	SLE FR 3	-0.6	0.5	33.91	0.0264	-4.726	0.1266
450	SLE FR 4	-0.61	0.54	34.83	0.0274	-4.8509	0.1372
450	SLE FR 5	-0.61	0.53	34.96	0.0274	-4.8686	0.1344
450	SLE FR 6	-0.62	0.55	35.54	0.0281	-4.9472	0.1388
450	SLE QP 1	-0.6	0.5	33.78	0.0263	-4.7095	0.1258
450	SLE QP 2	-0.61	0.53	34.84	0.0273	-4.8521	0.1336
450	SLD 1	1.81	1.16	44.55	0.0323	-6.0618	0.2942
450	SLD 2	1.94	0.62	44.36	0.0338	-6.0521	0.1597
450	SLD 3	1.86	-0.15	44.2	0.0349	-6.0355	-0.0347
450	SLD 4	2	-0.69	44.01	0.0364	-6.0258	-0.1693
450	SLD 5	0.01	2.81	38.32	0.0247	-5.2567	0.7048
450	SLD 6	0.1	2.45	38.2	0.0257	-5.2503	0.6162
450	SLD 7	0.19	-1.57	37.14	0.0332	-5.1689	-0.3916
450	SLD 8	0.28	-1.93	37.01	0.0342	-5.1625	-0.4802
450	SLD 9	-1.5	2.98	32.66	0.0204	-4.5417	0.7475
450	SLD 10	-1.41	2.63	32.53	0.0215	-4.5353	0.6589
450	SLD 11	-1.32	-1.39	31.47	0.029	-4.4539	-0.3489
450	SLD 12	-1.23	-1.75	31.35	0.03	-4.4475	-0.4375
450	SLD 13	-3.22	1.75	25.66	0.0183	-3.6784	0.4365
450	SLD 14	-3.08	1.21	25.47	0.0198	-3.6688	0.302
450	SLD 15	-3.16	0.43	25.31	0.0208	-3.6521	0.1076
450	SLD 16	-3.03	-0.11	25.12	0.0223	-3.6424	-0.027



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
450	SLV 1	5.05	1.96	57.57	0.0391	-7.6838	0.4959
450	SLV 2	5.36	0.7	57.13	0.0426	-7.6613	0.1826
450	SLV 3	5.17	-1.01	56.77	0.0449	-7.6225	-0.2492
450	SLV 4	5.49	-2.27	56.32	0.0485	-7.5999	-0.5626
450	SLV 5	0.85	5.69	42.96	0.0214	-5.7986	1.4268
450	SLV 6	1.05	4.87	42.67	0.0237	-5.784	1.2241
450	SLV 7	1.26	-4.23	40.27	0.0408	-5.5941	-1.057
450	SLV 8	1.46	-5.04	39.98	0.0431	-5.5795	-1.2597
450	SLV 9	-2.68	6.1	29.69	0.0115	-4.1247	1.527
450	SLV 10	-2.48	5.28	29.4	0.0138	-4.1101	1.3242
450	SLV 11	-2.27	-3.82	27	0.031	-3.9202	-0.9568
450	SLV 12	-2.07	-4.63	26.71	0.0333	-3.9056	-1.1595
450	SLV 13	-6.71	3.33	13.35	0.0062	-2.1043	0.8298
450	SLV 14	-6.4	2.07	12.9	0.0098	-2.0818	0.5165
450	SLV 15	-6.59	0.36	12.54	0.012	-2.043	0.0847
450	SLV 16	-6.27	-0.91	12.1	0.0156	-2.0204	-0.2286
450	CRTFP Ux+	0	0	0	0	0	0
450	CRTFP Ux-	0	0	0	0	0	0
450	CRTFP Uy+	0	0	0	0	0	0
450	CRTFP Uy-	0	0	0	0	0	0
453	SLU 1	-0.66	-1.2	60.43	-0.0134	-0.2349	-0.0011
453	SLU 2	-0.65	-1.1	60.41	-0.013	-0.2396	0.0001
453	SLU 3	-0.68	-1.22	61.86	-0.0135	-0.2408	-0.0012
453	SLU 4	-0.67	-1.16	61.85	-0.0133	-0.2436	-0.0005
453	SLU 5	-0.66	-1.12	61.3	-0.0133	-0.243	0.0002
453	SLU 6	-0.69	-1.23	62.75	-0.0138	-0.2441	-0.0012
453	SLU 7	-0.68	-1.17	62.74	-0.0136	-0.247	-0.0005
453	SLU 8	-0.69	-1.24	62.21	-0.0141	-0.2416	-0.0011
453	SLU 9	-0.68	-1.18	62.2	-0.0138	-0.2444	-0.0003
453	SLU 10	-0.66	-1.14	67.56	-0.012	-0.279	-0.0003
453	SLU 11	-0.69	-1.25	69	-0.0126	-0.2801	-0.0016
453	SLU 12	-0.68	-1.2	68.99	-0.0123	-0.2829	-0.0009
453	SLU 13	-0.67	-1.16	68.45	-0.0124	-0.2823	-0.0003
453	SLU 14	-0.7	-1.27	69.9	-0.0129	-0.2834	-0.0016
453	SLU 15	-0.7	-1.21	69.89	-0.0127	-0.2863	-0.0009
453	SLU 16	-0.7	-1.27	69.36	-0.0131	-0.2809	-0.0015
453	SLU 17	-0.69	-1.22	69.35	-0.0129	-0.2838	-0.0007
453	SLU 18	-0.68	-1.25	70.64	-0.012	-0.291	-0.0017
453	SLU 19	-0.67	-1.19	70.63	-0.0118	-0.2939	-0.0009
453	SLU 20	-0.69	-1.27	71.53	-0.0124	-0.2944	-0.0016
453	SLU 21	-0.68	-1.21	71.52	-0.0122	-0.2972	-0.0009
453	SLU 22	-0.72	-1.2	67.22	-0.012	-0.2595	-0.0025
453	SLU 23	-0.71	-1.1	67.2	-0.0116	-0.2643	-0.0013
453	SLU 24	-0.74	-1.22	68.65	-0.0121	-0.2654	-0.0027
453	SLU 25	-0.73	-1.16	68.64	-0.0119	-0.2682	-0.0019
453	SLU 26	-0.72	-1.12	68.09	-0.012	-0.2676	-0.0013
453	SLU 27	-0.75	-1.24	69.54	-0.0125	-0.2687	-0.0027
453	SLU 28	-0.75	-1.18	69.53	-0.0122	-0.2716	-0.0019
453	SLU 29	-0.75	-1.24	69	-0.0127	-0.2662	-0.0025
453	SLU 30	-0.74	-1.18	68.99	-0.0125	-0.2691	-0.0018
453	SLU 31	-0.72	-1.14	74.35	-0.0107	-0.3036	-0.0017
453	SLU 32	-0.75	-1.26	75.79	-0.0112	-0.3047	-0.0031
453	SLU 33	-0.74	-1.2	75.78	-0.011	-0.3075	-0.0023
453	SLU 34	-0.73	-1.16	75.24	-0.011	-0.3069	-0.0017
453	SLU 35	-0.77	-1.28	76.69	-0.0116	-0.308	-0.0031
453	SLU 36	-0.76	-1.22	76.68	-0.0113	-0.3109	-0.0023
453	SLU 37	-0.76	-1.28	76.15	-0.0118	-0.3055	-0.0029
453	SLU 38	-0.75	-1.22	76.14	-0.0115	-0.3084	-0.0022
453	SLU 39	-0.74	-1.26	77.43	-0.0107	-0.3156	-0.0031
453	SLU 40	-0.73	-1.2	77.42	-0.0105	-0.3185	-0.0024
453	SLU 41	-0.75	-1.28	78.32	-0.011	-0.319	-0.0031
453	SLU 42	-0.74	-1.22	78.31	-0.0108	-0.3219	-0.0023
453	SLU 43	-0.84	-1.55	76.23	-0.0178	-0.2969	-0.0009
453	SLU 44	-0.82	-1.46	76.21	-0.0174	-0.3017	0.0003
453	SLU 45	-0.86	-1.57	77.66	-0.018	-0.3028	-0.0011
453	SLU 46	-0.85	-1.51	77.65	-0.0177	-0.3056	-0.0003
453	SLU 47	-0.84	-1.47	77.1	-0.0178	-0.305	0.0003
453	SLU 48	-0.87	-1.59	78.55	-0.0183	-0.3061	-0.0011
453	SLU 49	-0.86	-1.53	78.54	-0.0181	-0.309	-0.0003
453	SLU 50	-0.86	-1.59	78.01	-0.0185	-0.3036	-0.0009
453	SLU 51	-0.86	-1.53	78	-0.0183	-0.3065	-0.0002
453	SLU 52	-0.84	-1.5	83.36	-0.0165	-0.341	-0.0001
453	SLU 53	-0.87	-1.61	84.8	-0.017	-0.3421	-0.0015
453	SLU 54	-0.86	-1.55	84.79	-0.0168	-0.345	-0.0007
453	SLU 55	-0.85	-1.51	84.25	-0.0169	-0.3443	-0.0001
453	SLU 56	-0.88	-1.63	85.7	-0.0174	-0.3454	-0.0015
453	SLU 57	-0.87	-1.57	85.69	-0.0171	-0.3483	-0.0007
453	SLU 58	-0.88	-1.63	85.16	-0.0176	-0.3429	-0.0013
453	SLU 59	-0.87	-1.57	85.15	-0.0174	-0.3458	-0.0006
453	SLU 60	-0.85	-1.61	86.44	-0.0165	-0.353	-0.0015
453	SLU 61	-0.85	-1.55	86.43	-0.0163	-0.3559	-0.0008
453	SLU 62	-0.87	-1.63	87.33	-0.0169	-0.3564	-0.0015
453	SLU 63	-0.86	-1.57	87.32	-0.0166	-0.3593	-0.0007
453	SLU 64	-0.9	-1.56	83.02	-0.0165	-0.3215	-0.0023
453	SLU 65	-0.89	-1.46	83	-0.0161	-0.3263	-0.0011
453	SLU 66	-0.92	-1.58	84.45	-0.0166	-0.3274	-0.0025
453	SLU 67	-0.91	-1.52	84.44	-0.0164	-0.3303	-0.0018
453	SLU 68	-0.9	-1.48	83.89	-0.0164	-0.3296	-0.0011
453	SLU 69	-0.93	-1.6	85.34	-0.017	-0.3307	-0.0025



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
453	SLU 70	-0.92	-1.54	85.33	-0.0167	-0.3336	-0.0018
453	SLU 71	-0.93	-1.6	84.8	-0.0172	-0.3282	-0.0023
453	SLU 72	-0.92	-1.54	84.79	-0.0169	-0.3311	-0.0016
453	SLU 73	-0.9	-1.5	90.15	-0.0152	-0.3656	-0.0015
453	SLU 74	-0.93	-1.62	91.6	-0.0157	-0.3667	-0.0029
453	SLU 75	-0.92	-1.56	91.58	-0.0154	-0.3696	-0.0022
453	SLU 76	-0.91	-1.52	91.04	-0.0155	-0.3689	-0.0015
453	SLU 77	-0.94	-1.64	92.49	-0.016	-0.3701	-0.0029
453	SLU 78	-0.93	-1.58	92.48	-0.0158	-0.3729	-0.0022
453	SLU 79	-0.94	-1.64	91.95	-0.0163	-0.3675	-0.0027
453	SLU 80	-0.93	-1.58	91.94	-0.016	-0.3704	-0.002
453	SLU 81	-0.92	-1.62	93.23	-0.0152	-0.3777	-0.0029
453	SLU 82	-0.91	-1.56	93.22	-0.0149	-0.3805	-0.0022
453	SLU 83	-0.93	-1.64	94.12	-0.0155	-0.381	-0.0029
453	SLU 84	-0.92	-1.58	94.11	-0.0153	-0.3839	-0.0022
453	SLE RA 1	-0.68	-1.2	62.37	-0.013	-0.2419	-0.0015
453	SLE RA 2	-0.67	-1.13	62.36	-0.0127	-0.2451	-0.0007
453	SLE RA 3	-0.69	-1.21	63.32	-0.0131	-0.2458	-0.0016
453	SLE RA 4	-0.69	-1.17	63.32	-0.0129	-0.2477	-0.0011
453	SLE RA 5	-0.68	-1.15	62.95	-0.0129	-0.2473	-0.0007
453	SLE RA 6	-0.7	-1.22	63.92	-0.0133	-0.2481	-0.0016
453	SLE RA 7	-0.69	-1.18	63.91	-0.0131	-0.25	-0.0011
453	SLE RA 8	-0.7	-1.22	63.56	-0.0134	-0.2464	-0.0015
453	SLE RA 9	-0.69	-1.18	63.55	-0.0133	-0.2483	-0.001
453	SLE RA 10	-0.68	-1.16	67.12	-0.0121	-0.2713	-0.0009
453	SLE RA 11	-0.7	-1.24	68.09	-0.0124	-0.272	-0.0019
453	SLE RA 12	-0.69	-1.2	68.08	-0.0123	-0.2739	-0.0014
453	SLE RA 13	-0.69	-1.17	67.71	-0.0123	-0.2735	-0.0009
453	SLE RA 14	-0.71	-1.25	68.68	-0.0127	-0.2743	-0.0019
453	SLE RA 15	-0.7	-1.21	68.67	-0.0125	-0.2762	-0.0014
453	SLE RA 16	-0.7	-1.25	68.32	-0.0128	-0.2726	-0.0017
453	SLE RA 17	-0.7	-1.21	68.31	-0.0127	-0.2745	-0.0013
453	SLE RA 18	-0.69	-1.24	69.17	-0.0121	-0.2793	-0.0019
453	SLE RA 19	-0.68	-1.2	69.17	-0.0119	-0.2812	-0.0014
453	SLE RA 20	-0.7	-1.25	69.77	-0.0123	-0.2816	-0.0019
453	SLE RA 21	-0.69	-1.21	69.76	-0.0122	-0.2835	-0.0014
453	SLE FR 1	-0.68	-1.2	62.37	-0.013	-0.2419	-0.0015
453	SLE FR 2	-0.68	-1.19	62.37	-0.0129	-0.2425	-0.0013
453	SLE FR 3	-0.68	-1.2	62.61	-0.0131	-0.2428	-0.0015
453	SLE FR 4	-0.68	-1.2	64.41	-0.0127	-0.2538	-0.0014
453	SLE FR 5	-0.69	-1.22	64.65	-0.0128	-0.254	-0.0016
453	SLE FR 6	-0.68	-1.22	65.77	-0.0125	-0.2606	-0.0017
453	SLE QP 1	-0.68	-1.2	62.37	-0.013	-0.2419	-0.0015
453	SLE QP 2	-0.68	-1.21	64.41	-0.0127	-0.2531	-0.0016
453	SLD 1	4.66	-0.94	69.78	-0.0202	-0.05	0.02
453	SLD 2	4.93	-1.31	69.65	-0.0181	-0.0557	0.0328
453	SLD 3	4.72	-2.6	69.63	-0.0135	-0.0834	0.0226
453	SLD 4	4.99	-2.97	69.49	-0.0114	-0.0891	0.0353
453	SLD 5	0.78	1.46	66.28	-0.0256	-0.1404	-0.0013
453	SLD 6	0.96	1.21	66.19	-0.0242	-0.1442	0.0071
453	SLD 7	0.98	-4.08	65.77	-0.0031	-0.2519	0.0073
453	SLD 8	1.16	-4.32	65.68	-0.0017	-0.2557	0.0157
453	SLD 9	-2.52	1.9	63.14	-0.0237	-0.2506	-0.0189
453	SLD 10	-2.34	1.66	63.05	-0.0224	-0.2544	-0.0105
453	SLD 11	-2.32	-3.63	62.63	-0.0012	-0.3621	-0.0103
453	SLD 12	-2.15	-3.88	62.55	0.0002	-0.3658	-0.0019
453	SLD 13	-6.35	0.55	59.33	-0.0141	-0.4171	-0.0385
453	SLD 14	-6.08	0.18	59.19	-0.012	-0.4229	-0.0258
453	SLD 15	-6.29	-1.11	59.17	-0.0073	-0.4506	-0.036
453	SLD 16	-6.02	-1.48	59.04	-0.0052	-0.4563	-0.0232
453	SLV 1	11.81	-0.64	76.98	-0.03	0.2216	0.049
453	SLV 2	12.44	-1.51	76.66	-0.0251	0.2083	0.0788
453	SLV 3	11.95	-4.4	76.62	-0.0147	0.145	0.0549
453	SLV 4	12.57	-5.27	76.31	-0.0098	0.1317	0.0847
453	SLV 5	2.75	4.82	68.77	-0.042	0.0078	-0.0005
453	SLV 6	3.15	4.25	68.56	-0.0388	-0.0008	0.0188
453	SLV 7	3.21	-7.72	67.6	0.0091	-0.2476	0.0191
453	SLV 8	3.61	-8.29	67.39	0.0122	-0.2562	0.0384
453	SLV 9	-4.98	5.87	61.43	-0.0377	-0.2501	-0.0416
453	SLV 10	-4.57	5.3	61.22	-0.0345	-0.2587	-0.0223
453	SLV 11	-4.52	-6.67	60.26	0.0134	-0.5054	-0.022
453	SLV 12	-4.11	-7.24	60.05	0.0166	-0.514	-0.0027
453	SLV 13	-13.94	2.85	52.51	-0.0156	-0.6379	-0.0879
453	SLV 14	-13.31	1.98	52.2	-0.0107	-0.6512	-0.0581
453	SLV 15	-13.8	-0.91	52.16	-0.0003	-0.7145	-0.082
453	SLV 16	-13.17	-1.78	51.84	0.0046	-0.7279	-0.0522
453	CRITFP Ux+	0	0	0	0	0	0
453	CRITFP Ux-	0	0	0	0	0	0
457	SLU 1	0.56	-0.5	61.44	-0.0185	0.2481	-0.0067
457	SLU 2	0.55	-0.4	61.44	-0.018	0.2531	-0.0075
457	SLU 3	0.58	-0.51	62.9	-0.0189	0.2533	-0.0067
457	SLU 4	0.57	-0.45	62.9	-0.0186	0.2563	-0.0072
457	SLU 5	0.56	-0.41	62.34	-0.0184	0.2553	-0.0076
457	SLU 6	0.59	-0.52	63.8	-0.0193	0.2554	-0.0069
457	SLU 7	0.58	-0.46	63.8	-0.019	0.2584	-0.0074
457	SLU 8	0.58	-0.53	63.25	-0.0193	0.2524	-0.0069
457	SLU 9	0.57	-0.47	63.25	-0.019	0.2554	-0.0074
457	SLU 10	0.58	-0.37	68.75	-0.0188	0.2893	-0.0082
457	SLU 11	0.61	-0.48	70.2	-0.0197	0.2895	-0.0074



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
457	SLU 12	0.6	-0.42	70.2	-0.0194	0.2925	-0.0079
457	SLU 13	0.59	-0.39	69.65	-0.0192	0.2915	-0.0084
457	SLU 14	0.62	-0.5	71.11	-0.0201	0.2916	-0.0076
457	SLU 15	0.61	-0.44	71.11	-0.0198	0.2946	-0.0081
457	SLU 16	0.61	-0.5	70.55	-0.0201	0.2886	-0.0076
457	SLU 17	0.6	-0.44	70.55	-0.0198	0.2916	-0.0082
457	SLU 18	0.61	-0.46	71.88	-0.0196	0.2998	-0.0077
457	SLU 19	0.6	-0.4	71.88	-0.0193	0.3028	-0.0082
457	SLU 20	0.61	-0.48	72.78	-0.02	0.3019	-0.0078
457	SLU 21	0.61	-0.42	72.78	-0.0197	0.305	-0.0083
457	SLU 22	0.63	-0.44	68.46	-0.0188	0.2644	-0.006
457	SLU 23	0.62	-0.33	68.46	-0.0183	0.2694	-0.0069
457	SLU 24	0.65	-0.44	69.92	-0.0192	0.2695	-0.0061
457	SLU 25	0.64	-0.38	69.92	-0.0189	0.2725	-0.0066
457	SLU 26	0.63	-0.35	69.37	-0.0187	0.2715	-0.007
457	SLU 27	0.66	-0.46	70.82	-0.0196	0.2717	-0.0062
457	SLU 28	0.65	-0.4	70.82	-0.0193	0.2747	-0.0067
457	SLU 29	0.65	-0.46	70.27	-0.0196	0.2686	-0.0063
457	SLU 30	0.64	-0.4	70.27	-0.0193	0.2716	-0.0068
457	SLU 31	0.65	-0.31	75.77	-0.0191	0.3056	-0.0076
457	SLU 32	0.68	-0.42	77.23	-0.02	0.3057	-0.0068
457	SLU 33	0.67	-0.36	77.23	-0.0198	0.3087	-0.0073
457	SLU 34	0.66	-0.32	76.67	-0.0195	0.3077	-0.0077
457	SLU 35	0.69	-0.43	78.13	-0.0204	0.3079	-0.0069
457	SLU 36	0.68	-0.37	78.13	-0.0201	0.3109	-0.0074
457	SLU 37	0.68	-0.44	77.57	-0.0204	0.3048	-0.007
457	SLU 38	0.67	-0.38	77.57	-0.0201	0.3078	-0.0075
457	SLU 39	0.68	-0.4	78.9	-0.0199	0.3161	-0.007
457	SLU 40	0.67	-0.34	78.9	-0.0197	0.3191	-0.0075
457	SLU 41	0.68	-0.41	79.8	-0.0203	0.3182	-0.0072
457	SLU 42	0.68	-0.35	79.8	-0.02	0.3212	-0.0077
457	SLU 43	0.71	-0.67	77.46	-0.0239	0.317	-0.0089
457	SLU 44	0.69	-0.57	77.46	-0.0234	0.322	-0.0097
457	SLU 45	0.72	-0.68	78.92	-0.0243	0.3221	-0.0089
457	SLU 46	0.72	-0.62	78.92	-0.0241	0.3251	-0.0094
457	SLU 47	0.7	-0.58	78.37	-0.0238	0.3241	-0.0099
457	SLU 48	0.73	-0.7	79.82	-0.0247	0.3243	-0.0091
457	SLU 49	0.72	-0.63	79.82	-0.0245	0.3273	-0.0096
457	SLU 50	0.72	-0.7	79.27	-0.0247	0.3212	-0.0092
457	SLU 51	0.72	-0.64	79.27	-0.0244	0.3242	-0.0097
457	SLU 52	0.72	-0.55	84.77	-0.0242	0.3582	-0.0104
457	SLU 53	0.75	-0.66	86.23	-0.0251	0.3583	-0.0096
457	SLU 54	0.75	-0.6	86.23	-0.0249	0.3613	-0.0101
457	SLU 55	0.73	-0.56	85.67	-0.0246	0.3603	-0.0106
457	SLU 56	0.76	-0.67	87.13	-0.0255	0.3605	-0.0098
457	SLU 57	0.75	-0.61	87.13	-0.0253	0.3635	-0.0103
457	SLU 58	0.75	-0.68	86.58	-0.0255	0.3574	-0.0099
457	SLU 59	0.75	-0.61	86.58	-0.0252	0.3604	-0.0104
457	SLU 60	0.75	-0.64	87.9	-0.025	0.3687	-0.0099
457	SLU 61	0.74	-0.58	87.9	-0.0248	0.3717	-0.0104
457	SLU 62	0.76	-0.65	88.8	-0.0254	0.3708	-0.01
457	SLU 63	0.75	-0.59	88.8	-0.0252	0.3738	-0.0105
457	SLU 64	0.78	-0.61	84.49	-0.0242	0.3332	-0.0082
457	SLU 65	0.77	-0.51	84.49	-0.0238	0.3382	-0.0091
457	SLU 66	0.79	-0.62	85.94	-0.0246	0.3384	-0.0083
457	SLU 67	0.79	-0.56	85.94	-0.0244	0.3414	-0.0088
457	SLU 68	0.77	-0.52	85.39	-0.0241	0.3404	-0.0092
457	SLU 69	0.8	-0.63	86.85	-0.025	0.3405	-0.0084
457	SLU 70	0.8	-0.57	86.85	-0.0248	0.3435	-0.0089
457	SLU 71	0.79	-0.64	86.29	-0.025	0.3375	-0.0085
457	SLU 72	0.79	-0.57	86.29	-0.0247	0.3405	-0.009
457	SLU 73	0.8	-0.48	91.79	-0.0246	0.3744	-0.0098
457	SLU 74	0.82	-0.59	93.25	-0.0255	0.3746	-0.009
457	SLU 75	0.82	-0.53	93.25	-0.0252	0.3776	-0.0095
457	SLU 76	0.8	-0.49	92.7	-0.025	0.3766	-0.0099
457	SLU 77	0.83	-0.61	94.15	-0.0259	0.3767	-0.0091
457	SLU 78	0.83	-0.54	94.15	-0.0256	0.3797	-0.0097
457	SLU 79	0.82	-0.61	93.6	-0.0258	0.3737	-0.0092
457	SLU 80	0.82	-0.55	93.6	-0.0255	0.3767	-0.0097
457	SLU 81	0.82	-0.57	94.92	-0.0254	0.3849	-0.0092
457	SLU 82	0.81	-0.51	94.92	-0.0251	0.3879	-0.0098
457	SLU 83	0.83	-0.59	95.83	-0.0258	0.3871	-0.0094
457	SLU 84	0.82	-0.52	95.83	-0.0255	0.3901	-0.0099
457	SLE RA 1	0.58	-0.48	63.45	-0.0185	0.2527	-0.0065
457	SLE RA 2	0.57	-0.41	63.45	-0.0182	0.2561	-0.007
457	SLE RA 3	0.59	-0.49	64.42	-0.0188	0.2562	-0.0065
457	SLE RA 4	0.59	-0.45	64.42	-0.0187	0.2582	-0.0069
457	SLE RA 5	0.58	-0.42	64.05	-0.0185	0.2575	-0.0071
457	SLE RA 6	0.6	-0.5	65.02	-0.0191	0.2576	-0.0066
457	SLE RA 7	0.59	-0.46	65.02	-0.0189	0.2596	-0.0069
457	SLE RA 8	0.59	-0.5	64.65	-0.0191	0.2556	-0.0067
457	SLE RA 9	0.59	-0.46	64.65	-0.0189	0.2576	-0.007
457	SLE RA 10	0.59	-0.4	68.32	-0.0188	0.2802	-0.0075
457	SLE RA 11	0.61	-0.47	69.29	-0.0194	0.2803	-0.007
457	SLE RA 12	0.61	-0.43	69.29	-0.0192	0.2823	-0.0073
457	SLE RA 13	0.6	-0.41	68.92	-0.0191	0.2816	-0.0076
457	SLE RA 14	0.62	-0.48	69.89	-0.0196	0.2817	-0.0071
457	SLE RA 15	0.61	-0.44	69.89	-0.0195	0.2838	-0.0074
457	SLE RA 16	0.61	-0.48	69.52	-0.0196	0.2797	-0.0071



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
457	SLE RA 17	0.61	-0.44	69.52	-0.0194	0.2817	-0.0075
457	SLE RA 18	0.61	-0.46	70.4	-0.0193	0.2872	-0.0071
457	SLE RA 19	0.61	-0.42	70.4	-0.0191	0.2892	-0.0075
457	SLE RA 20	0.62	-0.47	71.01	-0.0196	0.2886	-0.0072
457	SLE RA 21	0.61	-0.43	71.01	-0.0194	0.2907	-0.0076
457	SLE FR 1	0.58	-0.48	63.45	-0.0185	0.2527	-0.0065
457	SLE FR 2	0.58	-0.47	63.45	-0.0185	0.2534	-0.0066
457	SLE FR 3	0.58	-0.49	63.69	-0.0187	0.2533	-0.0065
457	SLE FR 4	0.59	-0.46	65.53	-0.0187	0.2638	-0.0068
457	SLE FR 5	0.59	-0.48	65.77	-0.0189	0.2637	-0.0067
457	SLE FR 6	0.6	-0.47	66.93	-0.0189	0.27	-0.0068
457	SLE QP 1	0.58	-0.48	63.45	-0.0185	0.2527	-0.0065
457	SLE QP 2	0.59	-0.47	65.53	-0.0188	0.2631	-0.0067
457	SLD 1	5.93	0.75	60.78	-0.0152	0.3232	0.0318
457	SLD 2	6.21	1.16	61	-0.0172	0.316	0.0445
457	SLD 3	5.85	-0.95	60.51	-0.0091	0.3579	0.0295
457	SLD 4	6.13	-0.54	60.73	-0.0111	0.3506	0.0421
457	SLD 5	2.26	2.39	64.48	-0.0266	0.2299	0.0062
457	SLD 6	2.45	2.66	64.62	-0.0279	0.2251	0.0145
457	SLD 7	2	-3.26	63.58	-0.0062	0.3454	-0.0017
457	SLD 8	2.18	-3	63.72	-0.0076	0.3406	0.0067
457	SLD 9	-1	2.05	67.35	-0.03	0.1856	-0.02
457	SLD 10	-0.81	2.31	67.49	-0.0313	0.1808	-0.0117
457	SLD 11	-1.27	-3.61	66.45	-0.0096	0.3011	-0.0279
457	SLD 12	-1.08	-3.34	66.59	-0.011	0.2963	-0.0195
457	SLD 13	-4.95	-0.41	70.34	-0.0265	0.1756	-0.0555
457	SLD 14	-4.67	0	70.55	-0.0285	0.1683	-0.0428
457	SLD 15	-5.03	-2.1	70.07	-0.0204	0.2102	-0.0579
457	SLD 16	-4.75	-1.7	70.28	-0.0224	0.203	-0.0452
457	SLV 1	13.07	2.33	54.41	-0.0101	0.4046	0.0834
457	SLV 2	13.74	3.28	54.91	-0.0148	0.3877	0.1129
457	SLV 3	12.89	-1.51	53.8	0.0038	0.4833	0.078
457	SLV 4	13.56	-0.57	54.29	-0.0009	0.4664	0.1075
457	SLV 5	4.49	6.04	63.04	-0.0364	0.1891	0.0234
457	SLV 6	4.92	6.65	63.36	-0.0394	0.1782	0.0425
457	SLV 7	3.89	-6.78	60.99	0.0098	0.4515	0.0054
457	SLV 8	4.32	-6.17	61.32	0.0068	0.4405	0.0245
457	SLV 9	-3.14	5.22	69.75	-0.0444	0.0856	-0.0379
457	SLV 10	-2.71	5.84	70.07	-0.0474	0.0747	-0.0188
457	SLV 11	-3.74	-7.6	67.7	0.0019	0.348	-0.0559
457	SLV 12	-3.31	-6.99	68.02	-0.0012	0.3371	-0.0368
457	SLV 13	-12.38	-0.38	76.77	-0.0366	0.0597	-0.1209
457	SLV 14	-11.71	0.57	77.27	-0.0413	0.0429	-0.0914
457	SLV 15	-12.56	-4.22	76.16	-0.0228	0.1384	-0.1263
457	SLV 16	-11.89	-3.28	76.66	-0.0274	0.1216	-0.0968
457	CRTFP Ux+	0	0	0	0	0	0
457	CRTFP Ux-	0	0	0	0	0	0
458	SLU 1	0.58	0.37	36.79	0.0312	8.2632	-0.1305
458	SLU 2	0.56	0.48	36.73	0.0318	8.2493	-0.1704
458	SLU 3	0.6	0.37	37.67	0.032	8.4483	-0.132
458	SLU 4	0.59	0.44	37.63	0.0323	8.44	-0.1559
458	SLU 5	0.57	0.48	37.28	0.0322	8.3639	-0.1699
458	SLU 6	0.61	0.37	38.22	0.0324	8.5629	-0.1314
458	SLU 7	0.59	0.44	38.18	0.0328	8.5546	-0.1553
458	SLU 8	0.6	0.36	37.88	0.0321	8.4923	-0.1295
458	SLU 9	0.59	0.43	37.85	0.0324	8.484	-0.1534
458	SLU 10	0.59	0.6	40.88	0.0363	9.1574	-0.2105
458	SLU 11	0.63	0.49	41.82	0.0364	9.3565	-0.1721
458	SLU 12	0.62	0.55	41.78	0.0368	9.3481	-0.196
458	SLU 13	0.6	0.59	41.43	0.0367	9.272	-0.21
458	SLU 14	0.64	0.48	42.37	0.0369	9.471	-0.1715
458	SLU 15	0.63	0.55	42.33	0.0372	9.4627	-0.1954
458	SLU 16	0.63	0.48	42.03	0.0365	9.4005	-0.1695
458	SLU 17	0.62	0.55	42	0.0369	9.3921	-0.1935
458	SLU 18	0.63	0.53	42.72	0.0376	9.5605	-0.1878
458	SLU 19	0.61	0.6	42.68	0.0379	9.5522	-0.2117
458	SLU 20	0.64	0.53	43.26	0.038	9.6751	-0.1873
458	SLU 21	0.62	0.6	43.23	0.0384	9.6668	-0.2112
458	SLU 22	0.64	0.47	40.92	0.0357	9.1628	-0.1651
458	SLU 23	0.62	0.58	40.87	0.0363	9.1489	-0.205
458	SLU 24	0.66	0.47	41.8	0.0365	9.348	-0.1665
458	SLU 25	0.64	0.54	41.77	0.0369	9.3396	-0.1905
458	SLU 26	0.63	0.58	41.41	0.0368	9.2635	-0.2044
458	SLU 27	0.67	0.47	42.35	0.0369	9.4625	-0.166
458	SLU 28	0.65	0.54	42.32	0.0373	9.4542	-0.1899
458	SLU 29	0.66	0.46	42.02	0.0366	9.392	-0.164
458	SLU 30	0.65	0.53	41.99	0.037	9.3836	-0.188
458	SLU 31	0.65	0.69	45.02	0.0408	10.0571	-0.2451
458	SLU 32	0.69	0.58	45.95	0.041	10.2561	-0.2066
458	SLU 33	0.68	0.65	45.92	0.0413	10.2478	-0.2306
458	SLU 34	0.66	0.69	45.56	0.0412	10.1716	-0.2445
458	SLU 35	0.7	0.58	46.5	0.0414	10.3707	-0.2061
458	SLU 36	0.68	0.65	46.47	0.0418	10.3623	-0.23
458	SLU 37	0.69	0.58	46.17	0.0411	10.3001	-0.2041
458	SLU 38	0.68	0.65	46.14	0.0414	10.2918	-0.228
458	SLU 39	0.69	0.63	46.85	0.0421	10.4602	-0.2224
458	SLU 40	0.67	0.7	46.82	0.0425	10.4518	-0.2463
458	SLU 41	0.7	0.63	47.4	0.0426	10.5747	-0.2219
458	SLU 42	0.68	0.7	47.37	0.0429	10.5664	-0.2458



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
458	SLU 43	0.74	0.44	46.41	0.039	10.4337	-0.1578
458	SLU 44	0.72	0.56	46.35	0.0396	10.4198	-0.1977
458	SLU 45	0.75	0.45	47.29	0.0398	10.6188	-0.1593
458	SLU 46	0.74	0.52	47.25	0.0401	10.6105	-0.1832
458	SLU 47	0.73	0.56	46.9	0.0401	10.5344	-0.1972
458	SLU 48	0.76	0.45	47.84	0.0402	10.7334	-0.1587
458	SLU 49	0.75	0.51	47.8	0.0406	10.7251	-0.1826
458	SLU 50	0.76	0.44	47.5	0.0399	10.6628	-0.1568
458	SLU 51	0.74	0.51	47.47	0.0403	10.6545	-0.1807
458	SLU 52	0.75	0.67	50.5	0.0441	11.328	-0.2378
458	SLU 53	0.78	0.56	51.44	0.0442	11.527	-0.1994
458	SLU 54	0.77	0.63	51.4	0.0446	11.5187	-0.2233
458	SLU 55	0.76	0.67	51.05	0.0445	11.4425	-0.2373
458	SLU 56	0.79	0.56	51.99	0.0447	11.6416	-0.1988
458	SLU 57	0.78	0.63	51.95	0.045	11.6332	-0.2227
458	SLU 58	0.79	0.56	51.65	0.0444	11.571	-0.1969
458	SLU 59	0.77	0.62	51.62	0.0447	11.5627	-0.2208
458	SLU 60	0.78	0.61	52.34	0.0454	11.731	-0.2151
458	SLU 61	0.77	0.68	52.3	0.0458	11.7227	-0.239
458	SLU 62	0.79	0.61	52.88	0.0458	11.8456	-0.2146
458	SLU 63	0.78	0.67	52.85	0.0462	11.8373	-0.2385
458	SLU 64	0.8	0.54	50.54	0.0435	11.3333	-0.1924
458	SLU 65	0.78	0.66	50.49	0.0441	11.3194	-0.2323
458	SLU 66	0.81	0.55	51.42	0.0443	11.5185	-0.1938
458	SLU 67	0.8	0.62	51.39	0.0447	11.5101	-0.2178
458	SLU 68	0.78	0.65	51.03	0.0446	11.434	-0.2318
458	SLU 69	0.82	0.55	51.97	0.0447	11.633	-0.1933
458	SLU 70	0.81	0.61	51.94	0.0451	11.6247	-0.2172
458	SLU 71	0.81	0.54	51.64	0.0444	11.5625	-0.1913
458	SLU 72	0.8	0.61	51.6	0.0448	11.5541	-0.2153
458	SLU 73	0.81	0.77	54.64	0.0486	12.2276	-0.2724
458	SLU 74	0.84	0.66	55.57	0.0488	12.4266	-0.2339
458	SLU 75	0.83	0.73	55.54	0.0491	12.4183	-0.2579
458	SLU 76	0.81	0.77	55.18	0.0491	12.3422	-0.2718
458	SLU 77	0.85	0.66	56.12	0.0492	12.5412	-0.2334
458	SLU 78	0.84	0.73	56.09	0.0496	12.5329	-0.2573
458	SLU 79	0.85	0.65	55.79	0.0489	12.4706	-0.2314
458	SLU 80	0.83	0.72	55.75	0.0492	12.4623	-0.2554
458	SLU 81	0.84	0.71	56.47	0.0499	12.6307	-0.2497
458	SLU 82	0.83	0.77	56.44	0.0503	12.6223	-0.2736
458	SLU 83	0.85	0.7	57.02	0.0504	12.7452	-0.2492
458	SLU 84	0.84	0.77	56.98	0.0507	12.7369	-0.2731
458	SLE RA 1	0.6	0.4	37.97	0.0325	8.5202	-0.1404
458	SLE RA 2	0.59	0.47	37.93	0.0329	8.511	-0.167
458	SLE RA 3	0.61	0.4	38.56	0.033	8.6437	-0.1414
458	SLE RA 4	0.6	0.44	38.53	0.0332	8.6381	-0.1573
458	SLE RA 5	0.59	0.47	38.3	0.0332	8.5873	-0.1666
458	SLE RA 6	0.62	0.4	38.92	0.0333	8.72	-0.141
458	SLE RA 7	0.61	0.44	38.9	0.0335	8.7145	-0.157
458	SLE RA 8	0.61	0.39	38.7	0.0331	8.673	-0.1397
458	SLE RA 9	0.6	0.44	38.68	0.0333	8.6674	-0.1556
458	SLE RA 10	0.61	0.55	40.7	0.0359	9.1164	-0.1937
458	SLE RA 11	0.63	0.47	41.32	0.036	9.2491	-0.1681
458	SLE RA 12	0.62	0.52	41.3	0.0362	9.2435	-0.184
458	SLE RA 13	0.61	0.55	41.06	0.0362	9.1928	-0.1934
458	SLE RA 14	0.64	0.47	41.69	0.0363	9.3255	-0.1677
458	SLE RA 15	0.63	0.52	41.67	0.0365	9.3199	-0.1837
458	SLE RA 16	0.63	0.47	41.47	0.0361	9.2784	-0.1664
458	SLE RA 17	0.62	0.52	41.44	0.0363	9.2729	-0.1824
458	SLE RA 18	0.63	0.5	41.92	0.0367	9.3851	-0.1786
458	SLE RA 19	0.62	0.55	41.9	0.037	9.3796	-0.1945
458	SLE RA 20	0.64	0.5	42.29	0.037	9.4615	-0.1782
458	SLE RA 21	0.63	0.55	42.26	0.0373	9.4559	-0.1942
458	SLE FR 1	0.6	0.4	37.97	0.0325	8.5202	-0.1404
458	SLE FR 2	0.6	0.41	37.96	0.0326	8.5184	-0.1457
458	SLE FR 3	0.6	0.4	38.12	0.0326	8.5508	-0.1403
458	SLE FR 4	0.61	0.44	39.15	0.0339	8.7778	-0.1572
458	SLE FR 5	0.61	0.43	39.3	0.0339	8.8102	-0.1517
458	SLE FR 6	0.61	0.45	39.95	0.0346	8.9527	-0.1595
458	SLE QP 1	0.6	0.4	37.97	0.0325	8.5202	-0.1404
458	SLE QP 2	0.61	0.43	39.16	0.0338	8.7797	-0.1519
458	SLD 1	3.71	1.02	28.73	0.0254	6.676	-0.3588
458	SLD 2	3.87	1.65	28.96	0.0237	6.7003	-0.5797
458	SLD 3	3.62	-0.42	28.41	0.0286	6.6582	0.1442
458	SLD 4	3.79	0.22	28.64	0.0268	6.6825	-0.0767
458	SLD 5	1.64	2.67	36.48	0.0268	8.1713	-0.9372
458	SLD 6	1.74	3.09	36.63	0.0257	8.1872	-1.0827
458	SLD 7	1.36	-2.12	35.4	0.0373	8.1119	0.7395
458	SLD 8	1.46	-1.7	35.55	0.0362	8.1278	0.594
458	SLD 9	-0.25	2.56	42.77	0.0314	9.4315	-0.8977
458	SLD 10	-0.14	2.98	42.92	0.0302	9.4475	-1.0432
458	SLD 11	-0.53	-2.23	41.68	0.0419	9.3721	0.779
458	SLD 12	-0.42	-1.81	41.83	0.0408	9.3881	0.6335
458	SLD 13	-2.57	0.64	49.68	0.0407	10.8769	-0.227
458	SLD 14	-2.41	1.28	49.9	0.039	10.9012	-0.448
458	SLD 15	-2.65	-0.8	49.35	0.0439	10.8591	0.276
458	SLD 16	-2.49	-0.16	49.58	0.0421	10.8834	0.055
458	SLV 1	7.85	1.76	14.75	0.0143	3.8554	-0.6191
458	SLV 2	8.23	3.24	15.28	0.0103	3.912	-1.1336



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
458	SLV 3	7.66	-1.5	14.01	0.0215	3.8133	0.5212
458	SLV 4	8.04	-0.02	14.54	0.0174	3.8698	0.0066
458	SLV 5	3.01	5.51	32.87	0.0178	7.3566	-1.9321
458	SLV 6	3.25	6.47	33.21	0.0152	7.3931	-2.2651
458	SLV 7	2.37	-5.35	30.39	0.0416	7.216	1.8687
458	SLV 8	2.62	-4.39	30.73	0.039	7.2526	1.5358
458	SLV 9	-1.4	5.25	47.58	0.0285	10.3068	-1.8395
458	SLV 10	-1.15	6.2	47.92	0.0259	10.3434	-2.1725
458	SLV 11	-2.03	-5.61	45.1	0.0524	10.1662	1.9613
458	SLV 12	-1.79	-4.65	45.44	0.0498	10.2028	1.6284
458	SLV 13	-6.83	0.88	63.78	0.0501	13.6896	-0.3104
458	SLV 14	-6.45	2.35	64.31	0.0461	13.7461	-0.8249
458	SLV 15	-7.02	-2.38	63.03	0.0573	13.6474	0.8299
458	SLV 16	-6.64	-0.9	63.56	0.0532	13.7039	0.3153
458	CRTFP Ux+	0	0	0	0	0	0
458	CRTFP Ux-	0	0	0	0	0	0
458	CRTFP Uy+	0	0	0	0	0	0
458	CRTFP Uy-	0	0	0	0	0	0
466	SLU 1	-0.01	-0.23	46.45	0.47	15.6369	0.0852
466	SLU 2	-0.02	-0.18	46.51	0.4703	15.6566	0.0648
466	SLU 3	-0.01	-0.23	47.55	0.4812	16.0112	0.0824
466	SLU 4	-0.01	-0.19	47.58	0.4813	16.023	0.0702
466	SLU 5	-0.01	-0.18	47.17	0.4769	15.8877	0.0658
466	SLU 6	-0.01	-0.23	48.22	0.4879	16.2423	0.0833
466	SLU 7	-0.01	-0.19	48.25	0.488	16.2541	0.0711
466	SLU 8	-0.01	-0.24	47.78	0.4834	16.0992	0.087
466	SLU 9	-0.01	-0.21	47.82	0.4835	16.111	0.0748
466	SLU 10	0.01	-0.13	52.53	0.533	17.7134	0.0486
466	SLU 11	0.02	-0.18	53.57	0.544	18.0681	0.0661
466	SLU 12	0.01	-0.15	53.6	0.5441	18.0799	0.0539
466	SLU 13	0.01	-0.13	53.19	0.5397	17.9446	0.0495
466	SLU 14	0.02	-0.18	54.24	0.5507	18.2992	0.067
466	SLU 15	0.01	-0.15	54.27	0.5508	18.311	0.0548
466	SLU 16	0.02	-0.19	53.8	0.5462	18.156	0.0708
466	SLU 17	0.01	-0.16	53.84	0.5463	18.1678	0.0586
466	SLU 18	0.02	-0.17	55.05	0.5597	18.5753	0.0619
466	SLU 19	0.02	-0.13	55.08	0.5599	18.5871	0.0497
466	SLU 20	0.03	-0.17	55.72	0.5664	18.8064	0.0629
466	SLU 21	0.02	-0.14	55.75	0.5665	18.8182	0.0507
466	SLU 22	0	-0.14	51.6	0.5241	17.3729	0.0526
466	SLU 23	-0.01	-0.08	51.66	0.5243	17.3926	0.0322
466	SLU 24	0	-0.13	52.7	0.5353	17.7472	0.0498
466	SLU 25	0	-0.1	52.74	0.5354	17.759	0.0376
466	SLU 26	-0.01	-0.09	52.33	0.531	17.6237	0.0332
466	SLU 27	0	-0.13	53.37	0.5419	17.9783	0.0507
466	SLU 28	0	-0.1	53.41	0.5421	17.9901	0.0385
466	SLU 29	0	-0.15	52.94	0.5374	17.8351	0.0544
466	SLU 30	0	-0.11	52.97	0.5376	17.8469	0.0422
466	SLU 31	0.02	-0.04	57.68	0.5871	19.4494	0.016
466	SLU 32	0.02	-0.09	58.72	0.598	19.804	0.0335
466	SLU 33	0.02	-0.05	58.76	0.5982	19.8159	0.0213
466	SLU 34	0.02	-0.04	58.35	0.5938	19.6805	0.0169
466	SLU 35	0.03	-0.09	59.39	0.6047	20.0352	0.0344
466	SLU 36	0.02	-0.05	59.43	0.6049	20.047	0.0222
466	SLU 37	0.03	-0.1	58.96	0.6002	19.892	0.0382
466	SLU 38	0.02	-0.06	58.99	0.6004	19.9038	0.026
466	SLU 39	0.03	-0.07	60.2	0.6138	20.3112	0.0293
466	SLU 40	0.03	-0.04	60.24	0.6139	20.323	0.0171
466	SLU 41	0.03	-0.08	60.87	0.6204	20.5424	0.0303
466	SLU 42	0.03	-0.04	60.9	0.6206	20.5542	0.0181
466	SLU 43	-0.02	-0.34	58.61	0.5925	19.7328	0.1219
466	SLU 44	-0.02	-0.28	58.67	0.5927	19.7524	0.1016
466	SLU 45	-0.01	-0.33	59.72	0.6037	20.1071	0.1191
466	SLU 46	-0.02	-0.29	59.75	0.6038	20.1189	0.1069
466	SLU 47	-0.02	-0.28	59.34	0.5994	19.9836	0.1025
466	SLU 48	-0.01	-0.33	60.38	0.6103	20.3382	0.12
466	SLU 49	-0.02	-0.3	60.42	0.6105	20.35	0.1078
466	SLU 50	-0.01	-0.34	59.95	0.6058	20.195	0.1238
466	SLU 51	-0.02	-0.31	59.99	0.606	20.2068	0.1116
466	SLU 52	0	-0.23	64.69	0.6555	21.8093	0.0853
466	SLU 53	0.01	-0.28	65.74	0.6665	22.1639	0.1028
466	SLU 54	0.01	-0.25	65.77	0.6666	22.1757	0.0906
466	SLU 55	0	-0.24	65.36	0.6622	22.0404	0.0863
466	SLU 56	0.01	-0.29	66.4	0.6731	22.3951	0.1038
466	SLU 57	0.01	-0.25	66.44	0.6733	22.4069	0.0916
466	SLU 58	0.01	-0.3	65.97	0.6686	22.2519	0.1075
466	SLU 59	0.01	-0.26	66.01	0.6688	22.2637	0.0953
466	SLU 60	0.02	-0.27	67.21	0.6822	22.6711	0.0987
466	SLU 61	0.01	-0.24	67.25	0.6823	22.6829	0.0865
466	SLU 62	0.02	-0.27	67.88	0.6889	22.9023	0.0996
466	SLU 63	0.02	-0.24	67.92	0.689	22.9141	0.0874
466	SLU 64	-0.01	-0.24	63.77	0.6465	21.4687	0.0893
466	SLU 65	-0.01	-0.19	63.83	0.6468	21.4884	0.069
466	SLU 66	-0.01	-0.24	64.87	0.6577	21.8431	0.0865
466	SLU 67	-0.01	-0.2	64.9	0.6579	21.8549	0.0743
466	SLU 68	-0.01	-0.19	64.49	0.6535	21.7196	0.0699
466	SLU 69	0	-0.24	65.54	0.6644	22.0742	0.0874
466	SLU 70	-0.01	-0.2	65.57	0.6645	22.086	0.0752
466	SLU 71	0	-0.25	65.1	0.6599	21.931	0.0912



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
466	SLU 72	-0.01	-0.21	65.14	0.66	21.9428	0.079
466	SLU 73	0.01	-0.14	69.85	0.7096	23.5453	0.0527
466	SLU 74	0.02	-0.19	70.89	0.7205	23.8999	0.0702
466	SLU 75	0.01	-0.15	70.92	0.7207	23.9117	0.058
466	SLU 76	0.01	-0.14	70.51	0.7162	23.7764	0.0536
466	SLU 77	0.02	-0.19	71.56	0.7272	24.131	0.0712
466	SLU 78	0.02	-0.16	71.59	0.7273	24.1429	0.059
466	SLU 79	0.02	-0.2	71.12	0.7227	23.9879	0.0749
466	SLU 80	0.02	-0.17	71.16	0.7228	23.9997	0.0627
466	SLU 81	0.03	-0.18	72.37	0.7362	24.4071	0.0661
466	SLU 82	0.02	-0.14	72.4	0.7364	24.4189	0.0539
466	SLU 83	0.03	-0.18	73.04	0.7429	24.6382	0.067
466	SLU 84	0.02	-0.14	73.07	0.7431	24.6501	0.0548
466	SLE RA 1	-0.01	-0.21	47.92	0.4855	16.1329	0.0759
466	SLE RA 2	-0.01	-0.17	47.96	0.4856	16.146	0.0623
466	SLE RA 3	-0.01	-0.2	48.65	0.4929	16.3824	0.074
466	SLE RA 4	-0.01	-0.18	48.68	0.493	16.3903	0.0659
466	SLE RA 5	-0.01	-0.17	48.4	0.4901	16.3001	0.0629
466	SLE RA 6	-0.01	-0.2	49.1	0.4974	16.5365	0.0746
466	SLE RA 7	-0.01	-0.18	49.12	0.4975	16.5444	0.0665
466	SLE RA 8	-0.01	-0.21	48.81	0.4944	16.4411	0.0771
466	SLE RA 9	-0.01	-0.19	48.83	0.4945	16.4489	0.069
466	SLE RA 10	0	-0.14	51.97	0.5275	17.5172	0.0515
466	SLE RA 11	0.01	-0.17	52.67	0.5348	17.7537	0.0631
466	SLE RA 12	0.01	-0.15	52.69	0.5349	17.7615	0.055
466	SLE RA 13	0.01	-0.14	52.42	0.5319	17.6713	0.0521
466	SLE RA 14	0.01	-0.17	53.11	0.5392	17.9078	0.0638
466	SLE RA 15	0.01	-0.15	53.14	0.5393	17.9156	0.0556
466	SLE RA 16	0.01	-0.18	52.82	0.5362	17.8123	0.0663
466	SLE RA 17	0.01	-0.16	52.85	0.5363	17.8202	0.0581
466	SLE RA 18	0.01	-0.16	53.65	0.5453	18.0918	0.0604
466	SLE RA 19	0.01	-0.14	53.68	0.5454	18.0997	0.0522
466	SLE RA 20	0.02	-0.17	54.1	0.5497	18.2459	0.061
466	SLE RA 21	0.01	-0.14	54.12	0.5498	18.2538	0.0529
466	SLE FR 1	-0.01	-0.21	47.92	0.4855	16.1329	0.0759
466	SLE FR 2	-0.01	-0.2	47.93	0.4855	16.1355	0.0732
466	SLE FR 3	-0.01	-0.21	48.1	0.4872	16.1945	0.0761
466	SLE FR 4	0	-0.19	49.65	0.5034	16.7232	0.0685
466	SLE FR 5	0	-0.2	49.82	0.5052	16.7822	0.0715
466	SLE FR 6	0	-0.19	50.79	0.5154	17.1123	0.0681
466	SLE QP 1	-0.01	-0.21	47.92	0.4855	16.1329	0.0759
466	SLE QP 2	0	-0.19	49.64	0.5034	16.7206	0.0712
466	SLD 1	3.54	0.37	49.38	0.4911	16.5694	-0.1739
466	SLD 2	3.69	0.41	49.43	0.4909	16.5823	-0.1881
466	SLD 3	3.5	-0.98	49.25	0.498	16.516	0.2974
466	SLD 4	3.65	-0.94	49.3	0.4978	16.5289	0.2832
466	SLD 5	1.09	2.01	49.75	0.4893	16.7539	-0.7145
466	SLD 6	1.19	2.04	49.78	0.4892	16.7624	-0.7239
466	SLD 7	0.96	-2.48	49.32	0.5122	16.5759	0.8564
466	SLD 8	1.06	-2.45	49.35	0.5121	16.5844	0.847
466	SLD 9	-1.07	2.06	49.93	0.4947	16.8568	-0.7046
466	SLD 10	-0.96	2.09	49.96	0.4946	16.8652	-0.714
466	SLD 11	-1.19	-2.43	49.5	0.5176	16.6787	0.8664
466	SLD 12	-1.09	-2.4	49.53	0.5175	16.6872	0.857
466	SLD 13	-3.65	0.55	49.98	0.509	16.9122	-0.1408
466	SLD 14	-3.5	0.59	50.03	0.5088	16.9251	-0.155
466	SLD 15	-3.69	-0.8	49.85	0.5159	16.8588	0.3305
466	SLD 16	-3.54	-0.76	49.9	0.5157	16.8717	0.3163
466	SLV 1	8.27	1.07	49.02	0.4749	16.3667	-0.4844
466	SLV 2	8.63	1.17	49.14	0.4745	16.3967	-0.5176
466	SLV 3	8.19	-1.98	48.72	0.4904	16.2423	0.5838
466	SLV 4	8.54	-1.88	48.84	0.49	16.2723	0.5506
466	SLV 5	2.55	4.8	49.89	0.4714	16.7979	-1.7099
466	SLV 6	2.78	4.86	49.96	0.4711	16.8173	-1.7314
466	SLV 7	2.26	-5.38	48.89	0.5231	16.3832	1.8509
466	SLV 8	2.49	-5.31	48.97	0.5229	16.4026	1.8294
466	SLV 9	-2.49	4.92	50.31	0.4839	17.0385	-1.687
466	SLV 10	-2.26	4.99	50.39	0.4837	17.0579	-1.7085
466	SLV 11	-2.79	-5.25	49.32	0.5357	16.6238	1.8738
466	SLV 12	-2.55	-5.19	49.39	0.5354	16.6432	1.8523
466	SLV 13	-8.54	1.5	50.44	0.5168	17.1688	-0.4082
466	SLV 14	-8.19	1.59	50.55	0.5164	17.1988	-0.4414
466	SLV 15	-8.63	-1.56	50.14	0.5323	17.0444	0.6601
466	SLV 16	-8.28	-1.46	50.25	0.5319	17.0744	0.6269
466	CRTFP Ux+	0	0	0	0	0	0
466	CRTFP Ux-	0	0	0	0	0	0
466	CRTFP Uy+	0	0	0	0	0	0
466	CRTFP Uy-	0	0	0	0	0	0
469	SLU 1	-0.63	0.47	33.72	0.0378	-5.2688	0.1188
469	SLU 2	-0.62	0.57	33.68	0.0384	-5.264	0.1454
469	SLU 3	-0.65	0.48	34.53	0.0388	-5.3872	0.1225
469	SLU 4	-0.64	0.55	34.5	0.0391	-5.3843	0.1385
469	SLU 5	-0.63	0.58	34.18	0.0389	-5.3366	0.1481
469	SLU 6	-0.66	0.49	35.02	0.0393	-5.4599	0.1252
469	SLU 7	-0.65	0.56	35	0.0397	-5.457	0.1412
469	SLU 8	-0.66	0.49	34.72	0.0389	-5.4142	0.1242
469	SLU 9	-0.65	0.55	34.69	0.0393	-5.4113	0.1401
469	SLU 10	-0.65	0.68	37.5	0.0437	-5.8537	0.1726
469	SLU 11	-0.68	0.59	38.35	0.0441	-5.977	0.1498



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
469	SLU 12	-0.67	0.66	38.32	0.0444	-5.9741	0.1657
469	SLU 13	-0.66	0.69	38	0.0442	-5.9264	0.1753
469	SLU 14	-0.7	0.6	38.84	0.0447	-6.0497	0.1525
469	SLU 15	-0.69	0.67	38.82	0.045	-6.0467	0.1684
469	SLU 16	-0.69	0.6	38.54	0.0442	-6.004	0.1514
469	SLU 17	-0.68	0.66	38.51	0.0446	-6.001	0.1674
469	SLU 18	-0.68	0.62	39.18	0.0454	-6.1113	0.1577
469	SLU 19	-0.67	0.69	39.16	0.0457	-6.1084	0.1736
469	SLU 20	-0.69	0.63	39.68	0.046	-6.184	0.1604
469	SLU 21	-0.68	0.7	39.65	0.0463	-6.1811	0.1764
469	SLU 22	-0.69	0.57	37.56	0.0432	-5.8552	0.1436
469	SLU 23	-0.68	0.67	37.52	0.0437	-5.8503	0.1702
469	SLU 24	-0.71	0.58	38.36	0.0442	-5.9736	0.1474
469	SLU 25	-0.7	0.65	38.33	0.0445	-5.9707	0.1633
469	SLU 26	-0.69	0.68	38.01	0.0443	-5.923	0.1729
469	SLU 27	-0.72	0.59	38.86	0.0447	-6.0463	0.1501
469	SLU 28	-0.71	0.66	38.83	0.045	-6.0433	0.166
469	SLU 29	-0.72	0.59	38.55	0.0443	-6.0006	0.149
469	SLU 30	-0.71	0.65	38.53	0.0446	-5.9976	0.165
469	SLU 31	-0.71	0.78	41.34	0.049	-6.44	0.1974
469	SLU 32	-0.74	0.69	42.18	0.0495	-6.5633	0.1746
469	SLU 33	-0.73	0.75	42.16	0.0498	-6.5604	0.1906
469	SLU 34	-0.72	0.79	41.83	0.0496	-6.5127	0.2001
469	SLU 35	-0.75	0.7	42.68	0.05	-6.636	0.1773
469	SLU 36	-0.75	0.76	42.65	0.0503	-6.6331	0.1933
469	SLU 37	-0.75	0.7	42.38	0.0496	-6.5903	0.1763
469	SLU 38	-0.74	0.76	42.35	0.0499	-6.5874	0.1922
469	SLU 39	-0.74	0.72	43.02	0.0508	-6.6977	0.1825
469	SLU 40	-0.73	0.79	42.99	0.0511	-6.6947	0.1985
469	SLU 41	-0.75	0.73	43.52	0.0513	-6.7703	0.1852
469	SLU 42	-0.74	0.8	43.49	0.0517	-6.7674	0.2012
469	SLU 43	-0.8	0.57	42.53	0.0473	-6.6485	0.1459
469	SLU 44	-0.79	0.68	42.48	0.0479	-6.6436	0.1725
469	SLU 45	-0.82	0.59	43.33	0.0483	-6.7669	0.1497
469	SLU 46	-0.81	0.65	43.3	0.0486	-6.7639	0.1656
469	SLU 47	-0.8	0.69	42.98	0.0484	-6.7163	0.1752
469	SLU 48	-0.83	0.6	43.82	0.0488	-6.8395	0.1524
469	SLU 49	-0.82	0.66	43.8	0.0492	-6.8366	0.1683
469	SLU 50	-0.83	0.6	43.52	0.0484	-6.7938	0.1513
469	SLU 51	-0.82	0.66	43.49	0.0488	-6.7909	0.1673
469	SLU 52	-0.82	0.79	46.3	0.0532	-7.2333	0.1997
469	SLU 53	-0.85	0.7	47.15	0.0536	-7.3566	0.1769
469	SLU 54	-0.84	0.76	47.12	0.0539	-7.3537	0.1929
469	SLU 55	-0.83	0.8	46.8	0.0537	-7.306	0.2024
469	SLU 56	-0.87	0.71	47.65	0.0542	-7.4293	0.1796
469	SLU 57	-0.86	0.77	47.62	0.0545	-7.4264	0.1956
469	SLU 58	-0.86	0.7	47.34	0.0537	-7.3836	0.1786
469	SLU 59	-0.85	0.77	47.31	0.0541	-7.3806	0.1945
469	SLU 60	-0.85	0.73	47.99	0.0549	-7.4909	0.1848
469	SLU 61	-0.84	0.79	47.96	0.0552	-7.488	0.2008
469	SLU 62	-0.86	0.74	48.48	0.0555	-7.5636	0.1875
469	SLU 63	-0.85	0.8	48.46	0.0558	-7.5607	0.2035
469	SLU 64	-0.86	0.67	46.36	0.0527	-7.2348	0.1707
469	SLU 65	-0.85	0.78	46.32	0.0532	-7.2299	0.1973
469	SLU 66	-0.88	0.69	47.16	0.0537	-7.3532	0.1745
469	SLU 67	-0.87	0.75	47.14	0.054	-7.3503	0.1904
469	SLU 68	-0.86	0.79	46.81	0.0538	-7.3026	0.2
469	SLU 69	-0.89	0.7	47.66	0.0542	-7.4259	0.1772
469	SLU 70	-0.88	0.76	47.63	0.0545	-7.423	0.1931
469	SLU 71	-0.89	0.7	47.36	0.0538	-7.3802	0.1761
469	SLU 72	-0.88	0.76	47.33	0.0541	-7.3772	0.1921
469	SLU 73	-0.88	0.89	50.14	0.0585	-7.8197	0.2245
469	SLU 74	-0.91	0.8	50.99	0.059	-7.9429	0.2017
469	SLU 75	-0.9	0.86	50.96	0.0593	-7.94	0.2177
469	SLU 76	-0.89	0.9	50.64	0.0591	-7.8923	0.2273
469	SLU 77	-0.92	0.81	51.48	0.0595	-8.0156	0.2044
469	SLU 78	-0.92	0.87	51.46	0.0599	-8.0127	0.2204
469	SLU 79	-0.92	0.8	51.18	0.0591	-7.9699	0.2034
469	SLU 80	-0.91	0.87	51.15	0.0594	-7.967	0.2193
469	SLU 81	-0.91	0.83	51.82	0.0603	-8.0773	0.2096
469	SLU 82	-0.9	0.89	51.79	0.0606	-8.0744	0.2256
469	SLU 83	-0.92	0.84	52.32	0.0608	-8.15	0.2123
469	SLU 84	-0.91	0.9	52.29	0.0612	-8.147	0.2283
469	SLE RA 1	-0.65	0.5	34.82	0.0393	-5.4364	0.1259
469	SLE RA 2	-0.64	0.57	34.79	0.0397	-5.4331	0.1436
469	SLE RA 3	-0.66	0.51	35.35	0.04	-5.5153	0.1284
469	SLE RA 4	-0.66	0.55	35.34	0.0402	-5.5133	0.139
469	SLE RA 5	-0.65	0.57	35.12	0.0401	-5.4816	0.1454
469	SLE RA 6	-0.67	0.51	35.69	0.0404	-5.5638	0.1302
469	SLE RA 7	-0.66	0.56	35.67	0.0406	-5.5618	0.1408
469	SLE RA 8	-0.67	0.51	35.48	0.0401	-5.5333	0.1295
469	SLE RA 9	-0.66	0.55	35.46	0.0403	-5.5313	0.1401
469	SLE RA 10	-0.66	0.64	37.34	0.0433	-5.8263	0.1617
469	SLE RA 11	-0.68	0.58	37.9	0.0435	-5.9085	0.1465
469	SLE RA 12	-0.68	0.62	37.88	0.0438	-5.9065	0.1572
469	SLE RA 13	-0.67	0.65	37.67	0.0436	-5.8747	0.1636
469	SLE RA 14	-0.69	0.59	38.23	0.0439	-5.9569	0.1483
469	SLE RA 15	-0.69	0.63	38.22	0.0441	-5.955	0.159
469	SLE RA 16	-0.69	0.58	38.03	0.0436	-5.9264	0.1476



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
469	SLE RA 17	-0.68	0.63	38.01	0.0438	-5.9245	0.1583
469	SLE RA 18	-0.68	0.6	38.46	0.0444	-5.998	0.1518
469	SLE RA 19	-0.68	0.64	38.44	0.0446	-5.9961	0.1624
469	SLE RA 20	-0.69	0.61	38.79	0.0448	-6.0465	0.1536
469	SLE RA 21	-0.68	0.65	38.77	0.045	-6.0445	0.1642
469	SLE FR 1	-0.65	0.5	34.82	0.0393	-5.4364	0.1259
469	SLE FR 2	-0.65	0.51	34.81	0.0394	-5.4357	0.1294
469	SLE FR 3	-0.65	0.5	34.95	0.0395	-5.4557	0.1266
469	SLE FR 4	-0.66	0.54	35.91	0.0409	-5.6042	0.1372
469	SLE FR 5	-0.66	0.53	36.04	0.041	-5.6242	0.1344
469	SLE FR 6	-0.67	0.55	36.64	0.0419	-5.7172	0.1388
469	SLE QP 1	-0.65	0.5	34.82	0.0393	-5.4364	0.1259
469	SLE QP 2	-0.66	0.53	35.91	0.0409	-5.6049	0.1336
469	SLD 1	1.71	1.16	45.86	0.0502	-7.0155	0.2935
469	SLD 2	1.82	0.62	45.71	0.0516	-7.0119	0.1589
469	SLD 3	1.78	-0.15	45.57	0.0524	-6.9867	-0.0353
469	SLD 4	1.89	-0.69	45.42	0.0538	-6.9831	-0.17
469	SLD 5	-0.07	2.81	39.36	0.0401	-6.0723	0.7046
469	SLD 6	0	2.45	39.26	0.041	-6.0699	0.6159
469	SLD 7	0.16	-1.57	38.4	0.0474	-5.9764	-0.3917
469	SLD 8	0.23	-1.93	38.3	0.0483	-5.9741	-0.4804
469	SLD 9	-1.55	2.98	33.52	0.0334	-5.2356	0.7477
469	SLD 10	-1.48	2.63	33.42	0.0343	-5.2333	0.659
469	SLD 11	-1.32	-1.4	32.56	0.0407	-5.1398	-0.3486
469	SLD 12	-1.25	-1.75	32.47	0.0417	-5.1374	-0.4373
469	SLD 13	-3.21	1.75	26.4	0.028	-4.2266	0.4372
469	SLD 14	-3.1	1.2	26.25	0.0293	-4.223	0.3026
469	SLD 15	-3.15	0.43	26.11	0.0302	-4.1978	0.1083
469	SLD 16	-3.03	-0.11	25.97	0.0316	-4.1942	-0.0263
469	SLV 1	4.9	1.96	59.18	0.0627	-8.9069	0.4943
469	SLV 2	5.15	0.7	58.85	0.066	-8.8984	0.1809
469	SLV 3	5.05	-1.01	58.53	0.0677	-8.8396	-0.2507
469	SLV 4	5.31	-2.27	58.19	0.071	-8.8311	-0.5642
469	SLV 5	0.72	5.69	43.94	0.0393	-6.699	1.4263
469	SLV 6	0.89	4.88	43.72	0.0413	-6.6935	1.2234
469	SLV 7	1.25	-4.23	41.77	0.056	-6.4747	-1.0573
469	SLV 8	1.41	-5.05	41.55	0.0581	-6.4692	-1.2601
469	SLV 9	-2.73	6.1	30.28	0.0237	-4.7405	1.5274
469	SLV 10	-2.57	5.29	30.06	0.0258	-4.735	1.3246
469	SLV 11	-2.21	-3.82	28.1	0.0404	-4.5162	-0.9561
469	SLV 12	-2.04	-4.64	27.88	0.0425	-4.5107	-1.159
469	SLV 13	-6.63	3.33	13.63	0.0108	-2.3786	0.8315
469	SLV 14	-6.37	2.07	13.29	0.014	-2.3701	0.518
469	SLV 15	-6.48	0.35	12.98	0.0158	-2.3113	0.0864
469	SLV 16	-6.22	-0.91	12.64	0.019	-2.3028	-0.227
469	CRTFP Ux+	0	0	0	0	0	0
469	CRTFP Ux-	0	0	0	0	0	0
469	CRTFP Uy+	0	0	0	0	0	0
469	CRTFP Uy-	0	0	0	0	0	0
472	SLU 1	-0.67	-1.16	60.11	-0.0074	-0.2068	0.0028
472	SLU 2	-0.66	-1.06	60.1	-0.0071	-0.2108	0.0037
472	SLU 3	-0.68	-1.18	61.54	-0.0074	-0.2122	0.0028
472	SLU 4	-0.68	-1.12	61.53	-0.0072	-0.2146	0.0033
472	SLU 5	-0.67	-1.08	60.98	-0.0073	-0.2137	0.0038
472	SLU 6	-0.7	-1.19	62.42	-0.0076	-0.2151	0.0028
472	SLU 7	-0.69	-1.14	62.41	-0.0074	-0.2175	0.0034
472	SLU 8	-0.69	-1.2	61.87	-0.0079	-0.2127	0.0029
472	SLU 9	-0.69	-1.14	61.87	-0.0077	-0.2151	0.0035
472	SLU 10	-0.67	-1.1	67.29	-0.0051	-0.2471	0.0037
472	SLU 11	-0.69	-1.21	68.73	-0.0054	-0.2485	0.0028
472	SLU 12	-0.69	-1.15	68.72	-0.0052	-0.2509	0.0033
472	SLU 13	-0.68	-1.12	68.17	-0.0054	-0.25	0.0038
472	SLU 14	-0.71	-1.23	69.61	-0.0057	-0.2515	0.0028
472	SLU 15	-0.7	-1.17	69.61	-0.0055	-0.2538	0.0034
472	SLU 16	-0.7	-1.23	69.06	-0.0059	-0.249	0.0029
472	SLU 17	-0.7	-1.17	69.06	-0.0058	-0.2514	0.0035
472	SLU 18	-0.68	-1.21	70.38	-0.0046	-0.2587	0.0028
472	SLU 19	-0.68	-1.15	70.38	-0.0044	-0.2611	0.0034
472	SLU 20	-0.7	-1.23	71.26	-0.0048	-0.2616	0.0029
472	SLU 21	-0.69	-1.17	71.26	-0.0046	-0.264	0.0034
472	SLU 22	-0.72	-1.16	66.95	-0.0051	-0.2288	0.002
472	SLU 23	-0.72	-1.06	66.95	-0.0048	-0.2328	0.0029
472	SLU 24	-0.74	-1.18	68.38	-0.0051	-0.2342	0.0019
472	SLU 25	-0.74	-1.12	68.38	-0.0049	-0.2366	0.0025
472	SLU 26	-0.73	-1.08	67.83	-0.0051	-0.2358	0.0029
472	SLU 27	-0.75	-1.2	69.27	-0.0054	-0.2372	0.002
472	SLU 28	-0.75	-1.14	69.26	-0.0052	-0.2396	0.0025
472	SLU 29	-0.75	-1.2	68.72	-0.0056	-0.2347	0.0021
472	SLU 30	-0.75	-1.14	68.71	-0.0055	-0.2371	0.0026
472	SLU 31	-0.73	-1.1	74.14	-0.0028	-0.2692	0.0029
472	SLU 32	-0.75	-1.21	75.57	-0.0031	-0.2706	0.0019
472	SLU 33	-0.75	-1.16	75.57	-0.0029	-0.273	0.0025
472	SLU 34	-0.74	-1.12	75.02	-0.0031	-0.2721	0.0029
472	SLU 35	-0.76	-1.23	76.46	-0.0034	-0.2735	0.002
472	SLU 36	-0.76	-1.17	76.45	-0.0032	-0.2759	0.0025
472	SLU 37	-0.76	-1.23	75.91	-0.0037	-0.271	0.0021
472	SLU 38	-0.76	-1.17	75.9	-0.0035	-0.2734	0.0026
472	SLU 39	-0.74	-1.21	77.23	-0.0023	-0.2807	0.002
472	SLU 40	-0.73	-1.15	77.22	-0.0021	-0.2831	0.0025



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
472	SLU 41	-0.75	-1.23	78.11	-0.0026	-0.2837	0.002
472	SLU 42	-0.75	-1.17	78.1	-0.0024	-0.2861	0.0026
472	SLU 43	-0.85	-1.51	75.79	-0.0104	-0.2613	0.004
472	SLU 44	-0.84	-1.41	75.79	-0.01	-0.2653	0.0049
472	SLU 45	-0.87	-1.52	77.22	-0.0104	-0.2667	0.0039
472	SLU 46	-0.86	-1.46	77.22	-0.0102	-0.2691	0.0044
472	SLU 47	-0.85	-1.43	76.67	-0.0103	-0.2682	0.0049
472	SLU 48	-0.88	-1.54	78.1	-0.0106	-0.2696	0.004
472	SLU 49	-0.87	-1.48	78.1	-0.0104	-0.272	0.0045
472	SLU 50	-0.87	-1.54	77.56	-0.0109	-0.2671	0.0041
472	SLU 51	-0.87	-1.48	77.55	-0.0107	-0.2695	0.0046
472	SLU 52	-0.85	-1.44	82.98	-0.0081	-0.3016	0.0049
472	SLU 53	-0.88	-1.56	84.41	-0.0084	-0.303	0.0039
472	SLU 54	-0.87	-1.5	84.41	-0.0082	-0.3054	0.0044
472	SLU 55	-0.86	-1.46	83.86	-0.0083	-0.3045	0.0049
472	SLU 56	-0.89	-1.58	85.29	-0.0087	-0.3059	0.004
472	SLU 57	-0.88	-1.52	85.29	-0.0085	-0.3083	0.0045
472	SLU 58	-0.88	-1.58	84.75	-0.0089	-0.3035	0.0041
472	SLU 59	-0.88	-1.52	84.74	-0.0087	-0.3059	0.0046
472	SLU 60	-0.86	-1.56	86.06	-0.0076	-0.3132	0.004
472	SLU 61	-0.86	-1.5	86.06	-0.0074	-0.3156	0.0045
472	SLU 62	-0.88	-1.58	86.95	-0.0078	-0.3161	0.004
472	SLU 63	-0.87	-1.52	86.94	-0.0076	-0.3185	0.0046
472	SLU 64	-0.9	-1.51	82.64	-0.0081	-0.2833	0.0031
472	SLU 65	-0.9	-1.41	82.63	-0.0078	-0.2873	0.004
472	SLU 66	-0.92	-1.53	84.07	-0.0081	-0.2887	0.0031
472	SLU 67	-0.92	-1.47	84.07	-0.0079	-0.2911	0.0036
472	SLU 68	-0.91	-1.43	83.52	-0.008	-0.2902	0.0041
472	SLU 69	-0.94	-1.54	84.95	-0.0084	-0.2917	0.0031
472	SLU 70	-0.93	-1.48	84.95	-0.0082	-0.294	0.0037
472	SLU 71	-0.93	-1.55	84.4	-0.0086	-0.2892	0.0032
472	SLU 72	-0.93	-1.49	84.4	-0.0084	-0.2916	0.0038
472	SLU 73	-0.91	-1.45	89.82	-0.0058	-0.3236	0.004
472	SLU 74	-0.93	-1.56	91.26	-0.0061	-0.325	0.0031
472	SLU 75	-0.93	-1.5	91.26	-0.0059	-0.3274	0.0036
472	SLU 76	-0.92	-1.46	90.71	-0.0061	-0.3266	0.0041
472	SLU 77	-0.95	-1.58	92.14	-0.0064	-0.328	0.0031
472	SLU 78	-0.94	-1.52	92.14	-0.0062	-0.3304	0.0037
472	SLU 79	-0.94	-1.58	91.59	-0.0067	-0.3255	0.0032
472	SLU 80	-0.94	-1.52	91.59	-0.0065	-0.3279	0.0038
472	SLU 81	-0.92	-1.56	92.91	-0.0053	-0.3352	0.0031
472	SLU 82	-0.91	-1.5	92.91	-0.0051	-0.3376	0.0037
472	SLU 83	-0.93	-1.58	93.79	-0.0056	-0.3382	0.0032
472	SLU 84	-0.93	-1.52	93.79	-0.0054	-0.3405	0.0037
472	SLE RA 1	-0.68	-1.16	62.06	-0.0067	-0.2131	0.0026
472	SLE RA 2	-0.68	-1.09	62.06	-0.0065	-0.2158	0.0032
472	SLE RA 3	-0.69	-1.17	63.02	-0.0067	-0.2167	0.0025
472	SLE RA 4	-0.69	-1.13	63.01	-0.0066	-0.2183	0.0029
472	SLE RA 5	-0.69	-1.11	62.65	-0.0067	-0.2177	0.0032
472	SLE RA 6	-0.7	-1.18	63.6	-0.0069	-0.2186	0.0026
472	SLE RA 7	-0.7	-1.14	63.6	-0.0068	-0.2202	0.0029
472	SLE RA 8	-0.7	-1.18	63.24	-0.0071	-0.217	0.0027
472	SLE RA 9	-0.7	-1.15	63.24	-0.007	-0.2186	0.003
472	SLE RA 10	-0.68	-1.12	66.85	-0.0052	-0.24	0.0032
472	SLE RA 11	-0.7	-1.2	67.81	-0.0054	-0.2409	0.0025
472	SLE RA 12	-0.7	-1.16	67.81	-0.0053	-0.2425	0.0029
472	SLE RA 13	-0.69	-1.13	67.44	-0.0054	-0.2419	0.0032
472	SLE RA 14	-0.71	-1.21	68.4	-0.0056	-0.2429	0.0026
472	SLE RA 15	-0.71	-1.17	68.4	-0.0055	-0.2445	0.0029
472	SLE RA 16	-0.71	-1.21	68.03	-0.0058	-0.2412	0.0027
472	SLE RA 17	-0.7	-1.17	68.03	-0.0056	-0.2428	0.003
472	SLE RA 18	-0.69	-1.19	68.91	-0.0049	-0.2477	0.0026
472	SLE RA 19	-0.69	-1.16	68.91	-0.0047	-0.2493	0.0029
472	SLE RA 20	-0.7	-1.21	69.5	-0.005	-0.2496	0.0026
472	SLE RA 21	-0.7	-1.17	69.5	-0.0049	-0.2512	0.003
472	SLE FR 1	-0.68	-1.16	62.06	-0.0067	-0.2131	0.0026
472	SLE FR 2	-0.68	-1.15	62.06	-0.0067	-0.2136	0.0027
472	SLE FR 3	-0.69	-1.16	62.3	-0.0068	-0.2139	0.0026
472	SLE FR 4	-0.69	-1.16	64.12	-0.0061	-0.224	0.0027
472	SLE FR 5	-0.69	-1.18	64.35	-0.0062	-0.2243	0.0026
472	SLE FR 6	-0.69	-1.18	65.49	-0.0058	-0.2304	0.0026
472	SLE QP 1	-0.68	-1.16	62.06	-0.0067	-0.2131	0.0026
472	SLE QP 2	-0.69	-1.17	64.12	-0.0062	-0.2235	0.0026
472	SLD 1	4.54	-0.89	69.36	-0.0128	-0.0204	0.0207
472	SLD 2	4.75	-1.26	69.29	-0.0107	-0.0257	0.0328
472	SLD 3	4.6	-2.54	69.23	-0.0067	-0.0558	0.0231
472	SLD 4	4.8	-2.92	69.16	-0.0047	-0.0611	0.0351
472	SLD 5	0.76	1.5	65.91	-0.0177	-0.1078	0.0023
472	SLD 6	0.9	1.25	65.87	-0.0164	-0.1114	0.0103
472	SLD 7	0.94	-4.03	65.45	0.0025	-0.226	0.0101
472	SLD 8	1.08	-4.28	65.41	0.0039	-0.2295	0.0181
472	SLD 9	-2.45	1.94	62.83	-0.0162	-0.2175	-0.0129
472	SLD 10	-2.32	1.69	62.78	-0.0149	-0.221	-0.0049
472	SLD 11	-2.27	-3.59	62.37	0.004	-0.3356	-0.0051
472	SLD 12	-2.14	-3.84	62.32	0.0054	-0.3391	0.0029
472	SLD 13	-6.17	0.58	59.08	-0.0077	-0.3858	-0.03
472	SLD 14	-5.97	0.2	59.01	-0.0056	-0.3911	-0.0179
472	SLD 15	-6.12	-1.08	58.94	-0.0016	-0.4212	-0.0276
472	SLD 16	-5.92	-1.45	58.87	0.0004	-0.4266	-0.0155



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
472	SLV 1	11.55	-0.57	76.4	-0.0214	0.251	0.0451
472	SLV 2	12.02	-1.44	76.23	-0.0167	0.2386	0.0732
472	SLV 3	11.68	-4.33	76.07	-0.0076	0.1699	0.0504
472	SLV 4	12.15	-5.2	75.91	-0.0029	0.1574	0.0786
472	SLV 5	2.71	4.86	68.32	-0.0325	0.0441	0.0024
472	SLV 6	3.02	4.3	68.21	-0.0294	0.0361	0.0205
472	SLV 7	3.13	-7.66	67.24	0.0135	-0.2264	0.0202
472	SLV 8	3.44	-8.23	67.14	0.0165	-0.2345	0.0384
472	SLV 9	-4.81	5.89	61.1	-0.0289	-0.2125	-0.0332
472	SLV 10	-4.5	5.32	60.99	-0.0258	-0.2205	-0.015
472	SLV 11	-4.39	-6.64	60.02	0.0171	-0.483	-0.0154
472	SLV 12	-4.08	-7.2	59.92	0.0201	-0.4911	0.0028
472	SLV 13	-13.52	2.86	52.33	-0.0095	-0.6044	-0.0734
472	SLV 14	-13.05	1.98	52.16	-0.0047	-0.6168	-0.0453
472	SLV 15	-13.4	-0.9	52	0.0043	-0.6855	-0.0681
472	SLV 16	-12.92	-1.77	51.84	0.0091	-0.698	-0.0399
472	CRTFP Ux+	0	0	0	0	0	0
472	CRTFP Ux-	0	0	0	0	0	0
476	SLU 1	0.61	-0.46	60.91	-0.0158	0.2143	-0.0084
476	SLU 2	0.6	-0.36	60.92	-0.0155	0.2185	-0.009
476	SLU 3	0.62	-0.47	62.35	-0.0163	0.2187	-0.0085
476	SLU 4	0.62	-0.41	62.36	-0.0161	0.2213	-0.0089
476	SLU 5	0.61	-0.37	61.81	-0.0159	0.2201	-0.0091
476	SLU 6	0.63	-0.48	63.24	-0.0166	0.2203	-0.0087
476	SLU 7	0.63	-0.42	63.25	-0.0164	0.2228	-0.009
476	SLU 8	0.62	-0.49	62.69	-0.0166	0.2174	-0.0087
476	SLU 9	0.62	-0.43	62.69	-0.0164	0.2199	-0.0091
476	SLU 10	0.63	-0.33	68.21	-0.0158	0.2506	-0.0097
476	SLU 11	0.66	-0.44	69.64	-0.0166	0.2508	-0.0093
476	SLU 12	0.65	-0.38	69.65	-0.0164	0.2533	-0.0096
476	SLU 13	0.64	-0.35	69.1	-0.0162	0.2521	-0.0099
476	SLU 14	0.67	-0.46	70.53	-0.017	0.2523	-0.0094
476	SLU 15	0.66	-0.39	70.54	-0.0168	0.2549	-0.0098
476	SLU 16	0.66	-0.46	69.98	-0.0169	0.2494	-0.0095
476	SLU 17	0.65	-0.4	69.98	-0.0167	0.252	-0.0098
476	SLU 18	0.65	-0.42	71.32	-0.0163	0.2601	-0.0095
476	SLU 19	0.65	-0.36	71.33	-0.0161	0.2626	-0.0098
476	SLU 20	0.66	-0.43	72.21	-0.0167	0.2616	-0.0096
476	SLU 21	0.66	-0.37	72.22	-0.0165	0.2642	-0.01
476	SLU 22	0.67	-0.39	67.92	-0.0159	0.2261	-0.008
476	SLU 23	0.66	-0.29	67.94	-0.0155	0.2303	-0.0086
476	SLU 24	0.69	-0.4	69.37	-0.0163	0.2306	-0.0081
476	SLU 25	0.68	-0.34	69.38	-0.0161	0.2331	-0.0084
476	SLU 26	0.67	-0.31	68.83	-0.0159	0.2319	-0.0087
476	SLU 27	0.7	-0.42	70.26	-0.0167	0.2321	-0.0082
476	SLU 28	0.69	-0.36	70.27	-0.0165	0.2346	-0.0086
476	SLU 29	0.69	-0.42	69.71	-0.0166	0.2292	-0.0083
476	SLU 30	0.69	-0.36	69.71	-0.0164	0.2317	-0.0086
476	SLU 31	0.7	-0.26	75.23	-0.0159	0.2624	-0.0093
476	SLU 32	0.72	-0.37	76.66	-0.0166	0.2626	-0.0088
476	SLU 33	0.72	-0.31	76.66	-0.0164	0.2651	-0.0092
476	SLU 34	0.71	-0.28	76.12	-0.0162	0.2639	-0.0095
476	SLU 35	0.73	-0.39	77.55	-0.017	0.2641	-0.009
476	SLU 36	0.73	-0.33	77.55	-0.0168	0.2667	-0.0093
476	SLU 37	0.73	-0.39	76.99	-0.0169	0.2612	-0.009
476	SLU 38	0.72	-0.33	77	-0.0168	0.2638	-0.0094
476	SLU 39	0.72	-0.35	78.34	-0.0163	0.2719	-0.0091
476	SLU 40	0.72	-0.29	78.34	-0.0161	0.2744	-0.0094
476	SLU 41	0.73	-0.37	79.23	-0.0167	0.2734	-0.0092
476	SLU 42	0.73	-0.31	79.24	-0.0165	0.276	-0.0096
476	SLU 43	0.76	-0.62	76.77	-0.0206	0.2745	-0.0111
476	SLU 44	0.75	-0.52	76.78	-0.0203	0.2788	-0.0117
476	SLU 45	0.78	-0.63	78.22	-0.021	0.279	-0.0112
476	SLU 46	0.78	-0.57	78.22	-0.0208	0.2815	-0.0115
476	SLU 47	0.76	-0.54	77.68	-0.0206	0.2803	-0.0118
476	SLU 48	0.79	-0.65	79.11	-0.0214	0.2805	-0.0113
476	SLU 49	0.78	-0.59	79.11	-0.0212	0.283	-0.0117
476	SLU 50	0.78	-0.65	78.55	-0.0213	0.2776	-0.0114
476	SLU 51	0.78	-0.59	78.56	-0.0211	0.2801	-0.0117
476	SLU 52	0.79	-0.49	84.07	-0.0206	0.3108	-0.0124
476	SLU 53	0.81	-0.6	85.5	-0.0213	0.311	-0.0119
476	SLU 54	0.81	-0.54	85.51	-0.0211	0.3136	-0.0123
476	SLU 55	0.8	-0.51	84.96	-0.021	0.3124	-0.0126
476	SLU 56	0.82	-0.62	86.4	-0.0217	0.3126	-0.0121
476	SLU 57	0.82	-0.56	86.4	-0.0215	0.3151	-0.0124
476	SLU 58	0.82	-0.62	85.84	-0.0217	0.3097	-0.0121
476	SLU 59	0.81	-0.56	85.85	-0.0215	0.3122	-0.0125
476	SLU 60	0.81	-0.58	87.18	-0.021	0.3203	-0.0121
476	SLU 61	0.81	-0.52	87.19	-0.0208	0.3229	-0.0125
476	SLU 62	0.82	-0.6	88.08	-0.0214	0.3219	-0.0123
476	SLU 63	0.82	-0.54	88.08	-0.0212	0.3244	-0.0127
476	SLU 64	0.83	-0.56	83.79	-0.0206	0.2864	-0.0106
476	SLU 65	0.82	-0.45	83.8	-0.0203	0.2906	-0.0112
476	SLU 66	0.85	-0.56	85.23	-0.021	0.2908	-0.0107
476	SLU 67	0.84	-0.5	85.24	-0.0208	0.2933	-0.0111
476	SLU 68	0.83	-0.47	84.69	-0.0207	0.2921	-0.0114
476	SLU 69	0.86	-0.58	86.12	-0.0214	0.2923	-0.0109
476	SLU 70	0.85	-0.52	86.13	-0.0212	0.2949	-0.0113
476	SLU 71	0.85	-0.58	85.57	-0.0214	0.2894	-0.011



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
476	SLU 72	0.85	-0.52	85.58	-0.0212	0.292	-0.0113
476	SLU 73	0.86	-0.43	91.09	-0.0206	0.3226	-0.012
476	SLU 74	0.88	-0.54	92.52	-0.0213	0.3228	-0.0115
476	SLU 75	0.88	-0.47	92.53	-0.0211	0.3254	-0.0119
476	SLU 76	0.87	-0.44	91.98	-0.021	0.3242	-0.0121
476	SLU 77	0.89	-0.55	93.41	-0.0217	0.3244	-0.0117
476	SLU 78	0.89	-0.49	93.42	-0.0215	0.3269	-0.012
476	SLU 79	0.88	-0.55	92.86	-0.0217	0.3215	-0.0117
476	SLU 80	0.88	-0.49	92.87	-0.0215	0.324	-0.0121
476	SLU 81	0.88	-0.51	94.2	-0.021	0.3322	-0.0117
476	SLU 82	0.87	-0.45	94.21	-0.0209	0.3347	-0.0121
476	SLU 83	0.89	-0.53	95.09	-0.0214	0.3337	-0.0119
476	SLU 84	0.88	-0.47	95.1	-0.0212	0.3362	-0.0122
476	SLE RA 1	0.62	-0.44	62.91	-0.0158	0.2177	-0.0083
476	SLE RA 2	0.62	-0.37	62.92	-0.0156	0.2205	-0.0087
476	SLE RA 3	0.64	-0.45	63.87	-0.0161	0.2206	-0.0083
476	SLE RA 4	0.63	-0.41	63.88	-0.016	0.2223	-0.0086
476	SLE RA 5	0.63	-0.38	63.51	-0.0159	0.2215	-0.0088
476	SLE RA 6	0.64	-0.46	64.47	-0.0164	0.2217	-0.0084
476	SLE RA 7	0.64	-0.42	64.47	-0.0162	0.2233	-0.0087
476	SLE RA 8	0.64	-0.46	64.1	-0.0164	0.2197	-0.0085
476	SLE RA 9	0.63	-0.42	64.1	-0.0162	0.2214	-0.0087
476	SLE RA 10	0.64	-0.36	67.78	-0.0158	0.2419	-0.0092
476	SLE RA 11	0.66	-0.43	68.73	-0.0163	0.242	-0.0088
476	SLE RA 12	0.66	-0.39	68.74	-0.0162	0.2437	-0.0091
476	SLE RA 13	0.65	-0.36	68.37	-0.0161	0.2429	-0.0093
476	SLE RA 14	0.66	-0.44	69.33	-0.0166	0.243	-0.009
476	SLE RA 15	0.66	-0.4	69.33	-0.0165	0.2447	-0.0092
476	SLE RA 16	0.66	-0.44	68.96	-0.0166	0.2411	-0.009
476	SLE RA 17	0.66	-0.4	68.96	-0.0164	0.2428	-0.0092
476	SLE RA 18	0.66	-0.42	69.85	-0.0161	0.2482	-0.009
476	SLE RA 19	0.65	-0.37	69.86	-0.016	0.2499	-0.0092
476	SLE RA 20	0.66	-0.42	70.45	-0.0164	0.2492	-0.0091
476	SLE RA 21	0.66	-0.38	70.45	-0.0163	0.2509	-0.0093
476	SLE FR 1	0.62	-0.44	62.91	-0.0158	0.2177	-0.0083
476	SLE FR 2	0.62	-0.43	62.91	-0.0158	0.2182	-0.0084
476	SLE FR 3	0.63	-0.45	63.15	-0.0159	0.2181	-0.0083
476	SLE FR 4	0.63	-0.42	65	-0.0159	0.2274	-0.0086
476	SLE FR 5	0.64	-0.44	65.23	-0.016	0.2272	-0.0085
476	SLE FR 6	0.64	-0.43	66.38	-0.016	0.2329	-0.0086
476	SLE QP 1	0.62	-0.44	62.91	-0.0158	0.2177	-0.0083
476	SLE QP 2	0.63	-0.43	64.99	-0.0159	0.2268	-0.0085
476	SLD 1	5.78	0.77	60.34	-0.0141	0.2762	0.0244
476	SLD 2	6	1.17	60.49	-0.0161	0.2691	0.0366
476	SLD 3	5.71	-0.93	60.23	-0.0081	0.313	0.0221
476	SLD 4	5.93	-0.52	60.38	-0.0101	0.306	0.0343
476	SLD 5	2.24	2.42	63.74	-0.0242	0.187	0.0026
476	SLD 6	2.38	2.69	63.84	-0.0255	0.1824	0.0107
476	SLD 7	2.02	-3.22	63.37	-0.004	0.3098	-0.0049
476	SLD 8	2.16	-2.96	63.47	-0.0053	0.3052	0.0031
476	SLD 9	-0.89	2.09	66.52	-0.0265	0.1485	-0.0201
476	SLD 10	-0.75	2.36	66.62	-0.0278	0.1438	-0.012
476	SLD 11	-1.12	-3.56	66.15	-0.0063	0.2713	-0.0276
476	SLD 12	-0.97	-3.29	66.25	-0.0076	0.2667	-0.0196
476	SLD 13	-4.66	-0.35	69.61	-0.0218	0.1477	-0.0513
476	SLD 14	-4.44	0.06	69.76	-0.0238	0.1407	-0.0391
476	SLD 15	-4.73	-2.04	69.49	-0.0157	0.1845	-0.0536
476	SLD 16	-4.51	-1.64	69.65	-0.0177	0.1775	-0.0413
476	SLV 1	12.67	2.32	54.11	-0.0115	0.3431	0.0683
476	SLV 2	13.18	3.26	54.46	-0.0162	0.3267	0.0968
476	SLV 3	12.52	-1.52	53.85	0.0023	0.4267	0.0632
476	SLV 4	13.03	-0.58	54.2	-0.0024	0.4103	0.0916
476	SLV 5	4.39	6.05	62.06	-0.0347	0.1377	0.0175
476	SLV 6	4.72	6.66	62.29	-0.0377	0.1271	0.0359
476	SLV 7	3.88	-6.75	61.2	0.0112	0.4165	0.0002
476	SLV 8	4.21	-6.14	61.42	0.0082	0.4059	0.0186
476	SLV 9	-2.94	5.27	68.56	-0.04	0.0478	-0.0356
476	SLV 10	-2.61	5.88	68.79	-0.0431	0.0372	-0.0172
476	SLV 11	-3.45	-7.53	67.7	0.0058	0.3266	-0.0529
476	SLV 12	-3.12	-6.92	67.93	0.0028	0.316	-0.0344
476	SLV 13	-11.76	-0.29	75.79	-0.0294	0.0433	-0.1086
476	SLV 14	-11.25	0.65	76.14	-0.0341	0.027	-0.0802
476	SLV 15	-11.91	-4.13	75.53	-0.0157	0.127	-0.1138
476	SLV 16	-11.4	-3.19	75.88	-0.0204	0.1106	-0.0853
476	CRTFP Ux+	0	0	0	0	0	0
476	CRTFP Ux-	0	0	0	0	0	0
476	CRTFP Uy+	0	0	0	0	0	0
476	CRTFP Uy-	0	0	0	0	0	0
477	SLU 1	0.64	0.37	38.01	0.0458	9.2407	-0.1302
477	SLU 2	0.63	0.48	37.97	0.0463	9.2327	-0.1698
477	SLU 3	0.66	0.37	38.92	0.047	9.4509	-0.1316
477	SLU 4	0.65	0.44	38.9	0.0473	9.4461	-0.1554
477	SLU 5	0.64	0.48	38.54	0.047	9.3625	-0.1693
477	SLU 6	0.67	0.37	39.49	0.0476	9.5807	-0.1311
477	SLU 7	0.66	0.44	39.46	0.0479	9.5759	-0.1548
477	SLU 8	0.66	0.36	39.14	0.0472	9.5003	-0.1291
477	SLU 9	0.65	0.43	39.12	0.0475	9.4955	-0.1529
477	SLU 10	0.66	0.59	42.29	0.0526	10.2682	-0.2099
477	SLU 11	0.7	0.48	43.24	0.0532	10.4864	-0.1717



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
477	SLU 12	0.69	0.55	43.22	0.0535	10.4816	-0.1955
477	SLU 13	0.67	0.59	42.86	0.0533	10.398	-0.2094
477	SLU 14	0.71	0.48	43.81	0.0539	10.6162	-0.1712
477	SLU 15	0.7	0.55	43.78	0.0542	10.6114	-0.1949
477	SLU 16	0.7	0.48	43.46	0.0534	10.5358	-0.1692
477	SLU 17	0.69	0.54	43.44	0.0538	10.531	-0.193
477	SLU 18	0.7	0.53	44.18	0.0548	10.72	-0.1875
477	SLU 19	0.69	0.6	44.16	0.0551	10.7152	-0.2113
477	SLU 20	0.71	0.53	44.75	0.0555	10.8498	-0.1869
477	SLU 21	0.7	0.6	44.72	0.0558	10.845	-0.2107
477	SLU 22	0.7	0.46	42.32	0.0521	10.2675	-0.1648
477	SLU 23	0.69	0.58	42.28	0.0526	10.2595	-0.2044
477	SLU 24	0.72	0.47	43.23	0.0533	10.4777	-0.1662
477	SLU 25	0.71	0.54	43.21	0.0536	10.4729	-0.19
477	SLU 26	0.7	0.58	42.85	0.0533	10.3894	-0.2038
477	SLU 27	0.73	0.47	43.8	0.054	10.6075	-0.1656
477	SLU 28	0.72	0.53	43.77	0.0543	10.6027	-0.1894
477	SLU 29	0.72	0.46	43.45	0.0535	10.5272	-0.1637
477	SLU 30	0.71	0.53	43.43	0.0538	10.5224	-0.1874
477	SLU 31	0.72	0.69	46.6	0.0589	11.295	-0.2445
477	SLU 32	0.76	0.58	47.55	0.0596	11.5132	-0.2063
477	SLU 33	0.75	0.65	47.53	0.0599	11.5084	-0.23
477	SLU 34	0.73	0.69	47.16	0.0596	11.4248	-0.2439
477	SLU 35	0.77	0.58	48.12	0.0602	11.643	-0.2057
477	SLU 36	0.76	0.65	48.09	0.0605	11.6382	-0.2295
477	SLU 37	0.76	0.58	47.77	0.0598	11.5626	-0.2038
477	SLU 38	0.75	0.64	47.75	0.0601	11.5578	-0.2275
477	SLU 39	0.76	0.63	48.49	0.0611	11.7468	-0.2221
477	SLU 40	0.75	0.7	48.47	0.0614	11.742	-0.2458
477	SLU 41	0.77	0.63	49.06	0.0618	11.8766	-0.2215
477	SLU 42	0.76	0.69	49.03	0.0621	11.8718	-0.2453
477	SLU 43	0.82	0.44	47.94	0.0574	11.6609	-0.1575
477	SLU 44	0.8	0.56	47.9	0.0579	11.6529	-0.1971
477	SLU 45	0.83	0.45	48.85	0.0585	11.871	-0.1589
477	SLU 46	0.82	0.51	48.83	0.0588	11.8662	-0.1826
477	SLU 47	0.81	0.55	48.46	0.0586	11.7827	-0.1965
477	SLU 48	0.84	0.44	49.42	0.0592	12.0009	-0.1583
477	SLU 49	0.83	0.51	49.39	0.0595	11.9961	-0.1821
477	SLU 50	0.84	0.44	49.07	0.0587	11.9205	-0.1563
477	SLU 51	0.82	0.51	49.05	0.059	11.9157	-0.1801
477	SLU 52	0.83	0.67	52.22	0.0642	12.6883	-0.2372
477	SLU 53	0.87	0.56	53.17	0.0648	12.9065	-0.1989
477	SLU 54	0.86	0.63	53.15	0.0651	12.9017	-0.2227
477	SLU 55	0.84	0.67	52.78	0.0649	12.8181	-0.2366
477	SLU 56	0.88	0.56	53.74	0.0655	13.0363	-0.1984
477	SLU 57	0.87	0.63	53.71	0.0658	13.0315	-0.2222
477	SLU 58	0.87	0.55	53.39	0.065	12.956	-0.1964
477	SLU 59	0.86	0.62	53.37	0.0653	12.9512	-0.2202
477	SLU 60	0.87	0.61	54.11	0.0664	13.1401	-0.2147
477	SLU 61	0.86	0.67	54.09	0.0667	13.1353	-0.2385
477	SLU 62	0.88	0.6	54.68	0.067	13.2699	-0.2142
477	SLU 63	0.87	0.67	54.65	0.0673	13.2651	-0.2379
477	SLU 64	0.88	0.54	52.25	0.0637	12.6877	-0.192
477	SLU 65	0.86	0.65	52.21	0.0642	12.6797	-0.2316
477	SLU 66	0.89	0.54	53.16	0.0648	12.8979	-0.1934
477	SLU 67	0.88	0.61	53.13	0.0652	12.8931	-0.2172
477	SLU 68	0.87	0.65	52.77	0.0649	12.8095	-0.2311
477	SLU 69	0.9	0.54	53.72	0.0655	13.0277	-0.1929
477	SLU 70	0.89	0.61	53.7	0.0658	13.0229	-0.2166
477	SLU 71	0.9	0.54	53.38	0.0651	12.9473	-0.1909
477	SLU 72	0.89	0.61	53.35	0.0654	12.9425	-0.2147
477	SLU 73	0.9	0.77	56.53	0.0705	13.7152	-0.2717
477	SLU 74	0.93	0.66	57.48	0.0711	13.9333	-0.2335
477	SLU 75	0.92	0.73	57.45	0.0714	13.9285	-0.2573
477	SLU 76	0.91	0.77	57.09	0.0712	13.845	-0.2712
477	SLU 77	0.94	0.66	58.04	0.0718	14.0632	-0.2329
477	SLU 78	0.93	0.72	58.02	0.0721	14.0584	-0.2567
477	SLU 79	0.93	0.65	57.7	0.0713	13.9828	-0.231
477	SLU 80	0.92	0.72	57.67	0.0716	13.978	-0.2548
477	SLU 81	0.93	0.7	58.42	0.0727	14.1669	-0.2493
477	SLU 82	0.92	0.77	58.39	0.073	14.1621	-0.273
477	SLU 83	0.94	0.7	58.98	0.0734	14.2968	-0.2487
477	SLU 84	0.93	0.77	58.96	0.0737	14.292	-0.2725
477	SLE RA 1	0.66	0.39	39.24	0.0476	9.5341	-0.1401
477	SLE RA 2	0.65	0.47	39.22	0.048	9.5288	-0.1665
477	SLE RA 3	0.67	0.4	39.85	0.0484	9.6742	-0.141
477	SLE RA 4	0.66	0.44	39.83	0.0486	9.671	-0.1569
477	SLE RA 5	0.66	0.47	39.59	0.0484	9.6153	-0.1661
477	SLE RA 6	0.68	0.4	40.23	0.0488	9.7607	-0.1407
477	SLE RA 7	0.67	0.44	40.21	0.049	9.7575	-0.1565
477	SLE RA 8	0.67	0.39	40	0.0485	9.7072	-0.1394
477	SLE RA 9	0.67	0.44	39.98	0.0487	9.704	-0.1552
477	SLE RA 10	0.67	0.55	42.1	0.0521	10.2191	-0.1932
477	SLE RA 11	0.7	0.47	42.73	0.0526	10.3645	-0.1678
477	SLE RA 12	0.69	0.52	42.71	0.0528	10.3613	-0.1836
477	SLE RA 13	0.68	0.54	42.47	0.0526	10.3056	-0.1929
477	SLE RA 14	0.7	0.47	43.11	0.053	10.4511	-0.1674
477	SLE RA 15	0.7	0.52	43.09	0.0532	10.4479	-0.1832
477	SLE RA 16	0.7	0.47	42.88	0.0527	10.3975	-0.1661



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
477	SLE RA 17	0.69	0.51	42.86	0.0529	10.3943	-0.1819
477	SLE RA 18	0.7	0.5	43.36	0.0536	10.5203	-0.1783
477	SLE RA 19	0.69	0.55	43.34	0.0538	10.5171	-0.1941
477	SLE RA 20	0.7	0.5	43.73	0.054	10.6068	-0.1779
477	SLE RA 21	0.7	0.55	43.72	0.0543	10.6036	-0.1938
477	SLE FR 1	0.66	0.39	39.24	0.0476	9.5341	-0.1401
477	SLE FR 2	0.66	0.41	39.24	0.0477	9.533	-0.1454
477	SLE FR 3	0.66	0.39	39.39	0.0478	9.5687	-0.14
477	SLE FR 4	0.67	0.44	40.47	0.0495	9.8289	-0.1568
477	SLE FR 5	0.67	0.43	40.63	0.0496	9.8646	-0.1514
477	SLE FR 6	0.68	0.45	41.3	0.0506	10.0272	-0.1592
477	SLE QP 1	0.66	0.39	39.24	0.0476	9.5341	-0.1401
477	SLE QP 2	0.67	0.43	40.48	0.0494	9.8299	-0.1516
477	SLD 1	3.69	1.02	29.72	0.0365	7.445	-0.3584
477	SLD 2	3.82	1.65	29.9	0.035	7.4588	-0.5795
477	SLD 3	3.6	-0.42	29.48	0.0392	7.4675	0.1447
477	SLD 4	3.73	0.21	29.66	0.0376	7.4813	-0.0764
477	SLD 5	1.68	2.67	37.58	0.0417	9.0778	-0.937
477	SLD 6	1.77	3.09	37.7	0.0407	9.0869	-1.0826
477	SLD 7	1.39	-2.12	36.78	0.0507	9.1529	0.74
477	SLD 8	1.48	-1.7	36.9	0.0497	9.162	0.5944
477	SLD 9	-0.14	2.56	44.05	0.0492	10.4979	-0.8975
477	SLD 10	-0.05	2.98	44.17	0.0482	10.507	-1.0431
477	SLD 11	-0.43	-2.23	43.26	0.0581	10.573	0.7794
477	SLD 12	-0.34	-1.82	43.37	0.0571	10.5821	0.6338
477	SLD 13	-2.39	0.64	51.3	0.0612	12.1785	-0.2267
477	SLD 14	-2.26	1.27	51.47	0.0597	12.1924	-0.4478
477	SLD 15	-2.48	-0.8	51.06	0.0639	12.2011	0.2763
477	SLD 16	-2.34	-0.16	51.23	0.0623	12.2149	0.0552
477	SLV 1	7.72	1.76	15.29	0.0192	4.2472	-0.6185
477	SLV 2	8.03	3.24	15.7	0.0157	4.2794	-1.1334
477	SLV 3	7.52	-1.5	14.74	0.0253	4.2998	0.5219
477	SLV 4	7.83	-0.02	15.15	0.0218	4.332	0.007
477	SLV 5	3.04	5.51	33.68	0.0318	8.0698	-1.9319
477	SLV 6	3.23	6.47	33.95	0.0295	8.0907	-2.2651
477	SLV 7	2.37	-5.35	31.85	0.052	8.245	1.8694
477	SLV 8	2.57	-4.39	32.12	0.0497	8.2659	1.5363
477	SLV 9	-1.23	5.25	48.83	0.0491	11.394	-1.8394
477	SLV 10	-1.03	6.2	49.1	0.0468	11.4149	-2.1726
477	SLV 11	-1.89	-5.61	47.01	0.0693	11.5692	1.962
477	SLV 12	-1.69	-4.66	47.27	0.067	11.5901	1.6288
477	SLV 13	-6.49	0.88	65.8	0.077	15.3279	-0.3101
477	SLV 14	-6.18	2.35	66.21	0.0735	15.3601	-0.825
477	SLV 15	-6.69	-2.38	65.25	0.0831	15.3804	0.8303
477	SLV 16	-6.38	-0.9	65.66	0.0796	15.4127	0.3154
477	CRTFP Ux+	0	0	0	0	0	0
477	CRTFP Ux-	0	0	0	0	0	0
477	CRTFP Uy+	0	0	0	0	0	0
477	CRTFP Uy-	0	0	0	0	0	0
482	SLU 1	-0.89	-1.29	152.26	-5.7255	33.7051	0.209
482	SLU 2	-0.88	-1.12	152.4	-5.7377	33.7311	0.1765
482	SLU 3	-0.91	-1.27	155.88	-5.8521	34.5132	0.2026
482	SLU 4	-0.9	-1.17	155.96	-5.8594	34.5288	0.1831
482	SLU 5	-0.89	-1.15	154.63	-5.823	34.2308	0.1811
482	SLU 6	-0.92	-1.29	158.11	-5.9374	35.0129	0.2072
482	SLU 7	-0.91	-1.19	158.19	-5.9447	35.0285	0.1877
482	SLU 8	-0.91	-1.34	156.72	-5.8961	34.7045	0.2182
482	SLU 9	-0.91	-1.24	156.81	-5.9034	34.7201	0.1987
482	SLU 10	-0.88	-1.1	172.21	-6.4695	38.0242	0.1615
482	SLU 11	-0.9	-1.24	175.69	-6.5839	38.8063	0.1876
482	SLU 12	-0.9	-1.14	175.77	-6.5912	38.8219	0.1681
482	SLU 13	-0.89	-1.12	174.44	-6.5548	38.5239	0.1661
482	SLU 14	-0.91	-1.27	177.92	-6.6692	39.306	0.1922
482	SLU 15	-0.91	-1.17	178.01	-6.6765	39.3216	0.1727
482	SLU 16	-0.91	-1.31	176.54	-6.628	38.9976	0.2033
482	SLU 17	-0.9	-1.21	176.62	-6.6353	39.0132	0.1838
482	SLU 18	-0.88	-1.25	180.57	-6.771	39.8381	0.1876
482	SLU 19	-0.88	-1.15	180.65	-6.7783	39.8537	0.1681
482	SLU 20	-0.89	-1.27	182.8	-6.8563	40.3378	0.1922
482	SLU 21	-0.89	-1.17	182.88	-6.8636	40.3534	0.1727
482	SLU 22	-0.95	-0.98	169.18	-6.2742	37.4557	0.1258
482	SLU 23	-0.94	-0.82	169.32	-6.2864	37.4817	0.0933
482	SLU 24	-0.97	-0.96	172.8	-6.4008	38.2638	0.1194
482	SLU 25	-0.96	-0.87	172.88	-6.4081	38.2794	0.0999
482	SLU 26	-0.96	-0.84	171.55	-6.3717	37.9814	0.098
482	SLU 27	-0.98	-0.99	175.03	-6.4861	38.7635	0.1241
482	SLU 28	-0.98	-0.89	175.12	-6.4934	38.7791	0.1046
482	SLU 29	-0.97	-1.03	173.65	-6.4448	38.455	0.1351
482	SLU 30	-0.97	-0.93	173.73	-6.4521	38.4707	0.1156
482	SLU 31	-0.94	-0.79	189.14	-7.0183	41.7748	0.0784
482	SLU 32	-0.97	-0.94	192.62	-7.1327	42.5569	0.1045
482	SLU 33	-0.96	-0.84	192.7	-7.14	42.5725	0.085
482	SLU 34	-0.95	-0.81	191.37	-7.1036	42.2745	0.083
482	SLU 35	-0.98	-0.96	194.85	-7.218	43.0566	0.1091
482	SLU 36	-0.97	-0.86	194.93	-7.2253	43.0722	0.0896
482	SLU 37	-0.97	-1	193.46	-7.1767	42.7482	0.1201
482	SLU 38	-0.97	-0.9	193.55	-7.184	42.7638	0.1006
482	SLU 39	-0.95	-0.94	197.49	-7.3198	43.5887	0.1045
482	SLU 40	-0.94	-0.85	197.57	-7.3271	43.6043	0.085



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
482	SLU 41	-0.96	-0.97	199.72	-7.405	44.0884	0.1091
482	SLU 42	-0.95	-0.87	199.8	-7.4124	44.104	0.0896
482	SLU 43	-1.13	-1.78	192.13	-7.255	42.5307	0.3001
482	SLU 44	-1.13	-1.62	192.27	-7.2672	42.5567	0.2677
482	SLU 45	-1.15	-1.76	195.75	-7.3816	43.3388	0.2938
482	SLU 46	-1.15	-1.66	195.83	-7.3889	43.3544	0.2743
482	SLU 47	-1.14	-1.64	194.5	-7.3525	43.0564	0.2723
482	SLU 48	-1.16	-1.78	197.98	-7.4669	43.8385	0.2984
482	SLU 49	-1.16	-1.69	198.07	-7.4742	43.8541	0.2789
482	SLU 50	-1.16	-1.83	196.6	-7.4256	43.5301	0.3094
482	SLU 51	-1.15	-1.73	196.68	-7.4329	43.5457	0.2899
482	SLU 52	-1.12	-1.59	212.09	-7.999	46.8498	0.2527
482	SLU 53	-1.15	-1.73	215.57	-8.1134	47.6319	0.2788
482	SLU 54	-1.14	-1.64	215.65	-8.1207	47.6475	0.2593
482	SLU 55	-1.13	-1.61	214.32	-8.0843	47.3495	0.2573
482	SLU 56	-1.16	-1.76	217.8	-8.1987	48.1316	0.2834
482	SLU 57	-1.15	-1.66	217.88	-8.206	48.1472	0.2639
482	SLU 58	-1.15	-1.8	216.41	-8.1575	47.8232	0.2945
482	SLU 59	-1.15	-1.7	216.5	-8.1648	47.8388	0.275
482	SLU 60	-1.13	-1.74	220.44	-8.3005	48.6637	0.2788
482	SLU 61	-1.12	-1.64	220.52	-8.3078	48.6793	0.2593
482	SLU 62	-1.14	-1.77	222.67	-8.3858	49.1634	0.2834
482	SLU 63	-1.14	-1.67	222.76	-8.3931	49.179	0.2639
482	SLU 64	-1.2	-1.47	209.06	-7.8037	46.2813	0.217
482	SLU 65	-1.19	-1.31	209.2	-7.8159	46.3073	0.1845
482	SLU 66	-1.21	-1.46	212.68	-7.9303	47.0894	0.2106
482	SLU 67	-1.21	-1.36	212.76	-7.9376	47.105	0.1911
482	SLU 68	-1.2	-1.33	211.43	-7.9012	46.807	0.1892
482	SLU 69	-1.23	-1.48	214.91	-8.0156	47.5891	0.2153
482	SLU 70	-1.22	-1.38	214.99	-8.0229	47.6047	0.1958
482	SLU 71	-1.22	-1.52	213.52	-7.9743	47.2806	0.2263
482	SLU 72	-1.22	-1.42	213.61	-7.9816	47.2963	0.2068
482	SLU 73	-1.19	-1.28	229.01	-8.5478	50.6004	0.1696
482	SLU 74	-1.21	-1.43	232.49	-8.6622	51.3825	0.1957
482	SLU 75	-1.21	-1.33	232.57	-8.6695	51.3981	0.1762
482	SLU 76	-1.2	-1.31	231.24	-8.6331	51.1001	0.1742
482	SLU 77	-1.22	-1.45	234.72	-8.7475	51.8822	0.2003
482	SLU 78	-1.22	-1.35	234.81	-8.7548	51.8978	0.1808
482	SLU 79	-1.22	-1.49	233.34	-8.7062	51.5738	0.2113
482	SLU 80	-1.21	-1.4	233.42	-8.7135	51.5894	0.1918
482	SLU 81	-1.19	-1.44	237.36	-8.8493	52.4143	0.1956
482	SLU 82	-1.19	-1.34	237.45	-8.8566	52.4299	0.1761
482	SLU 83	-1.2	-1.46	239.6	-8.9346	52.914	0.2003
482	SLU 84	-1.2	-1.36	239.68	-8.9419	52.9296	0.1808
482	SLE RA 1	-0.91	-1.2	157.09	-5.8823	34.7767	0.1852
482	SLE RA 2	-0.9	-1.09	157.19	-5.8904	34.794	0.1635
482	SLE RA 3	-0.92	-1.19	159.51	-5.9667	35.3154	0.1809
482	SLE RA 4	-0.92	-1.12	159.56	-5.9715	35.3258	0.1679
482	SLE RA 5	-0.91	-1.11	158.67	-5.9473	35.1271	0.1666
482	SLE RA 6	-0.93	-1.2	160.99	-6.0235	35.6486	0.184
482	SLE RA 7	-0.92	-1.14	161.05	-6.0284	35.659	0.171
482	SLE RA 8	-0.92	-1.23	160.07	-5.996	35.4429	0.1914
482	SLE RA 9	-0.92	-1.17	160.13	-6.0009	35.4533	0.1784
482	SLE RA 10	-0.9	-1.07	170.4	-6.3783	37.6561	0.1536
482	SLE RA 11	-0.92	-1.17	172.72	-6.4546	38.1775	0.171
482	SLE RA 12	-0.91	-1.1	172.77	-6.4594	38.1879	0.158
482	SLE RA 13	-0.91	-1.09	171.88	-6.4352	37.9892	0.1567
482	SLE RA 14	-0.92	-1.19	174.2	-6.5114	38.5106	0.1741
482	SLE RA 15	-0.92	-1.12	174.26	-6.5163	38.521	0.1611
482	SLE RA 16	-0.92	-1.21	173.28	-6.4839	38.305	0.1814
482	SLE RA 17	-0.92	-1.15	173.34	-6.4888	38.3154	0.1684
482	SLE RA 18	-0.9	-1.18	175.97	-6.5793	38.8653	0.171
482	SLE RA 19	-0.9	-1.11	176.02	-6.5842	38.8758	0.158
482	SLE RA 20	-0.91	-1.19	177.45	-6.6362	39.1985	0.174
482	SLE RA 21	-0.91	-1.13	177.51	-6.641	39.2089	0.161
482	SLE FR 1	-0.91	-1.2	157.09	-5.8823	34.7767	0.1852
482	SLE FR 2	-0.91	-1.18	157.11	-5.8839	34.7801	0.1809
482	SLE FR 3	-0.91	-1.21	157.69	-5.905	34.9099	0.1864
482	SLE FR 4	-0.91	-1.17	162.77	-6.093	36.0067	0.1766
482	SLE FR 5	-0.91	-1.2	163.35	-6.1141	36.1365	0.1822
482	SLE FR 6	-0.91	-1.19	166.53	-6.2308	36.821	0.1781
482	SLE QP 1	-0.91	-1.2	157.09	-5.8823	34.7767	0.1852
482	SLE QP 2	-0.91	-1.19	162.76	-6.0914	36.0033	0.1809
482	SLD 1	11.7	1.56	157.05	-6.0585	34.6764	0.0831
482	SLD 2	12.13	1.25	157.13	-6.0548	34.7011	0.224
482	SLD 3	11.56	-3.11	158.2	-5.9617	35.0149	1.1875
482	SLD 4	11.98	-3.42	158.28	-5.9581	35.0397	1.3284
482	SLD 5	3.02	6.77	159.29	-6.2289	35.0873	-1.5487
482	SLD 6	3.3	6.56	159.34	-6.2265	35.1036	-1.4559
482	SLD 7	2.54	-8.79	163.11	-5.9064	36.2158	2.1327
482	SLD 8	2.82	-8.99	163.17	-5.904	36.2321	2.2255
482	SLD 9	-4.63	6.61	162.34	-6.2788	35.7745	-1.8636
482	SLD 10	-4.35	6.4	162.4	-6.2764	35.7908	-1.7708
482	SLD 11	-5.11	-8.95	166.17	-5.9563	36.9029	1.8178
482	SLD 12	-4.83	-9.15	166.22	-5.9539	36.9192	1.9106
482	SLD 13	-13.8	1.03	167.24	-6.2247	36.9669	-0.9666
482	SLD 14	-13.37	0.72	167.32	-6.221	36.9916	-0.8256
482	SLD 15	-13.94	-3.64	168.38	-6.1279	37.3054	0.1378
482	SLD 16	-13.51	-3.94	168.46	-6.1243	37.3302	0.2788



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
482	SLV 1	28.58	5.07	149.44	-6.0111	32.91	-0.0069
482	SLV 2	29.58	4.35	149.62	-6.0026	32.9677	0.3213
482	SLV 3	28.25	-5.51	152.04	-5.7913	33.6753	2.4966
482	SLV 4	29.25	-6.23	152.22	-5.7828	33.733	2.8248
482	SLV 5	8.26	16.85	154.79	-6.4022	33.9046	-3.7294
482	SLV 6	8.91	16.39	154.91	-6.3967	33.9419	-3.517
482	SLV 7	7.17	-18.41	163.45	-5.6694	36.4556	4.6157
482	SLV 8	7.82	-18.87	163.57	-5.6639	36.4929	4.828
482	SLV 9	-9.63	16.49	161.94	-6.5188	35.5136	-4.4662
482	SLV 10	-8.98	16.02	162.06	-6.5134	35.551	-4.2538
482	SLV 11	-10.72	-18.78	170.6	-5.7861	38.0646	3.8789
482	SLV 12	-10.08	-19.24	170.73	-5.7806	38.1019	4.0912
482	SLV 13	-31.07	3.84	173.29	-6.4	38.2735	-2.4629
482	SLV 14	-30.07	3.12	173.48	-6.3915	38.3312	-2.1347
482	SLV 15	-31.39	-6.74	175.89	-6.1801	39.0388	0.0406
482	SLV 16	-30.39	-7.45	176.07	-6.1716	39.0965	0.3688
482	CRTFP Ux+	0	0	0	0	0	0
482	CRTFP Ux-	0	0	0	0	0	0
482	CRTFP Uy+	0	0	0	0	0	0
482	CRTFP Uy-	0	0	0	0	0	0
483	SLU 1	-0.2	-0.49	56.1	-0.8187	-0.0771	0.0032
483	SLU 2	-0.2	-0.43	56.16	-0.8232	-0.0774	0.0034
483	SLU 3	-0.21	-0.49	57.42	-0.8148	-0.0786	0.0033
483	SLU 4	-0.21	-0.45	57.45	-0.8175	-0.0788	0.0034
483	SLU 5	-0.21	-0.44	56.97	-0.8228	-0.0782	0.0034
483	SLU 6	-0.21	-0.49	58.22	-0.8144	-0.0794	0.0033
483	SLU 7	-0.21	-0.46	58.26	-0.8171	-0.0796	0.0035
483	SLU 8	-0.21	-0.51	57.72	-0.8178	-0.0787	0.0033
483	SLU 9	-0.21	-0.47	57.75	-0.8205	-0.0789	0.0034
483	SLU 10	-0.19	-0.43	63.66	-1.1929	-0.0902	0.0039
483	SLU 11	-0.2	-0.49	64.92	-1.1846	-0.0913	0.0038
483	SLU 12	-0.2	-0.45	64.95	-1.1873	-0.0915	0.0039
483	SLU 13	-0.2	-0.44	64.47	-1.1925	-0.091	0.004
483	SLU 14	-0.2	-0.5	65.73	-1.1841	-0.0921	0.0039
483	SLU 15	-0.2	-0.46	65.76	-1.1868	-0.0923	0.004
483	SLU 16	-0.2	-0.51	65.22	-1.1875	-0.0914	0.0038
483	SLU 17	-0.2	-0.47	65.25	-1.1903	-0.0916	0.0039
483	SLU 18	-0.19	-0.49	66.81	-1.3469	-0.0953	0.0039
483	SLU 19	-0.19	-0.45	66.85	-1.3496	-0.0955	0.004
483	SLU 20	-0.19	-0.5	67.62	-1.3464	-0.0961	0.004
483	SLU 21	-0.19	-0.46	67.66	-1.3491	-0.0963	0.0041
483	SLU 22	-0.22	-0.4	62.33	-0.9201	-0.0854	0.0036
483	SLU 23	-0.22	-0.33	62.39	-0.9246	-0.0858	0.0038
483	SLU 24	-0.22	-0.39	63.65	-0.9162	-0.0869	0.0037
483	SLU 25	-0.22	-0.35	63.69	-0.9189	-0.0871	0.0038
483	SLU 26	-0.22	-0.34	63.2	-0.9242	-0.0866	0.0039
483	SLU 27	-0.22	-0.4	64.46	-0.9158	-0.0877	0.0038
483	SLU 28	-0.22	-0.36	64.49	-0.9185	-0.0879	0.0039
483	SLU 29	-0.22	-0.41	63.95	-0.9192	-0.087	0.0037
483	SLU 30	-0.22	-0.37	63.99	-0.9219	-0.0872	0.0038
483	SLU 31	-0.21	-0.33	69.9	-1.2943	-0.0985	0.0043
483	SLU 32	-0.21	-0.39	71.15	-1.286	-0.0997	0.0042
483	SLU 33	-0.21	-0.35	71.19	-1.2887	-0.0999	0.0043
483	SLU 34	-0.21	-0.34	70.7	-1.2939	-0.0993	0.0044
483	SLU 35	-0.21	-0.4	71.96	-1.2855	-0.1005	0.0043
483	SLU 36	-0.21	-0.36	72	-1.2882	-0.1007	0.0044
483	SLU 37	-0.21	-0.41	71.45	-1.2889	-0.0997	0.0042
483	SLU 38	-0.21	-0.37	71.49	-1.2916	-0.1	0.0044
483	SLU 39	-0.2	-0.4	73.05	-1.4483	-0.1036	0.0043
483	SLU 40	-0.2	-0.36	73.08	-1.451	-0.1038	0.0045
483	SLU 41	-0.2	-0.4	73.86	-1.4478	-0.1044	0.0044
483	SLU 42	-0.2	-0.37	73.89	-1.4505	-0.1046	0.0045
483	SLU 43	-0.26	-0.67	70.79	-1.0295	-0.0973	0.004
483	SLU 44	-0.26	-0.61	70.85	-1.034	-0.0977	0.0042
483	SLU 45	-0.27	-0.67	72.11	-1.0257	-0.0988	0.0041
483	SLU 46	-0.27	-0.63	72.15	-1.0284	-0.0991	0.0042
483	SLU 47	-0.26	-0.62	71.66	-1.0336	-0.0985	0.0043
483	SLU 48	-0.27	-0.68	72.92	-1.0252	-0.0996	0.0042
483	SLU 49	-0.27	-0.64	72.95	-1.028	-0.0999	0.0043
483	SLU 50	-0.27	-0.69	72.41	-1.0287	-0.0989	0.0041
483	SLU 51	-0.27	-0.65	72.45	-1.0314	-0.0991	0.0042
483	SLU 52	-0.25	-0.61	78.36	-1.4038	-0.1104	0.0047
483	SLU 53	-0.25	-0.67	79.61	-1.3954	-0.1116	0.0046
483	SLU 54	-0.25	-0.63	79.65	-1.3981	-0.1118	0.0047
483	SLU 55	-0.25	-0.62	79.16	-1.4033	-0.1112	0.0048
483	SLU 56	-0.26	-0.68	80.42	-1.395	-0.1124	0.0047
483	SLU 57	-0.26	-0.64	80.46	-1.3977	-0.1126	0.0048
483	SLU 58	-0.26	-0.69	79.91	-1.3984	-0.1117	0.0046
483	SLU 59	-0.26	-0.65	79.95	-1.4011	-0.1119	0.0048
483	SLU 60	-0.25	-0.67	81.51	-1.5577	-0.1155	0.0047
483	SLU 61	-0.25	-0.64	81.54	-1.5604	-0.1157	0.0049
483	SLU 62	-0.25	-0.68	82.32	-1.5573	-0.1163	0.0048
483	SLU 63	-0.25	-0.64	82.35	-1.56	-0.1165	0.0049
483	SLU 64	-0.27	-0.58	77.03	-1.1309	-0.1057	0.0044
483	SLU 65	-0.27	-0.51	77.09	-1.1354	-0.106	0.0046
483	SLU 66	-0.28	-0.57	78.34	-1.1271	-0.1072	0.0045
483	SLU 67	-0.28	-0.53	78.38	-1.1298	-0.1074	0.0046
483	SLU 68	-0.28	-0.52	77.9	-1.135	-0.1068	0.0047
483	SLU 69	-0.28	-0.58	79.15	-1.1266	-0.108	0.0046



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
483	SLU 70	-0.28	-0.54	79.19	-1.1293	-0.1082	0.0047
483	SLU 71	-0.28	-0.59	78.64	-1.1301	-0.1073	0.0045
483	SLU 72	-0.28	-0.55	78.68	-1.1328	-0.1075	0.0047
483	SLU 73	-0.26	-0.51	84.59	-1.5052	-0.1188	0.0051
483	SLU 74	-0.27	-0.57	85.84	-1.4968	-0.1199	0.005
483	SLU 75	-0.27	-0.53	85.88	-1.4995	-0.1201	0.0051
483	SLU 76	-0.26	-0.52	85.4	-1.5047	-0.1196	0.0052
483	SLU 77	-0.27	-0.58	86.65	-1.4964	-0.1207	0.0051
483	SLU 78	-0.27	-0.54	86.69	-1.4991	-0.1209	0.0052
483	SLU 79	-0.27	-0.59	86.14	-1.4998	-0.12	0.0051
483	SLU 80	-0.27	-0.55	86.18	-1.5025	-0.1202	0.0052
483	SLU 81	-0.26	-0.58	87.74	-1.6591	-0.1239	0.0052
483	SLU 82	-0.26	-0.54	87.78	-1.6618	-0.1241	0.0053
483	SLU 83	-0.26	-0.59	88.55	-1.6587	-0.1247	0.0052
483	SLU 84	-0.26	-0.55	88.59	-1.6614	-0.1249	0.0053
483	SLE RA 1	-0.21	-0.46	57.88	-0.8477	-0.0794	0.0033
483	SLE RA 2	-0.21	-0.42	57.92	-0.8507	-0.0797	0.0034
483	SLE RA 3	-0.21	-0.46	58.76	-0.8451	-0.0805	0.0034
483	SLE RA 4	-0.21	-0.44	58.78	-0.8469	-0.0806	0.0034
483	SLE RA 5	-0.21	-0.43	58.46	-0.8504	-0.0802	0.0035
483	SLE RA 6	-0.21	-0.47	59.3	-0.8448	-0.081	0.0034
483	SLE RA 7	-0.21	-0.44	59.32	-0.8466	-0.0811	0.0035
483	SLE RA 8	-0.21	-0.48	58.96	-0.8471	-0.0805	0.0034
483	SLE RA 9	-0.21	-0.45	58.98	-0.8489	-0.0807	0.0035
483	SLE RA 10	-0.2	-0.42	62.92	-1.0971	-0.0882	0.0038
483	SLE RA 11	-0.2	-0.46	63.76	-1.0916	-0.0889	0.0037
483	SLE RA 12	-0.2	-0.44	63.78	-1.0934	-0.0891	0.0038
483	SLE RA 13	-0.2	-0.43	63.46	-1.0969	-0.0887	0.0038
483	SLE RA 14	-0.2	-0.47	64.3	-1.0913	-0.0895	0.0038
483	SLE RA 15	-0.2	-0.44	64.32	-1.0931	-0.0896	0.0038
483	SLE RA 16	-0.2	-0.48	63.96	-1.0936	-0.089	0.0037
483	SLE RA 17	-0.2	-0.45	63.98	-1.0954	-0.0891	0.0038
483	SLE RA 18	-0.2	-0.47	65.02	-1.1998	-0.0916	0.0038
483	SLE RA 19	-0.2	-0.44	65.05	-1.2016	-0.0917	0.0039
483	SLE RA 20	-0.2	-0.47	65.56	-1.1995	-0.0921	0.0038
483	SLE RA 21	-0.2	-0.45	65.59	-1.2013	-0.0923	0.0039
483	SLE FR 1	-0.21	-0.46	57.88	-0.8477	-0.0794	0.0033
483	SLE FR 2	-0.21	-0.46	57.89	-0.8483	-0.0795	0.0033
483	SLE FR 3	-0.21	-0.47	58.1	-0.8475	-0.0797	0.0033
483	SLE FR 4	-0.2	-0.46	60.03	-0.9539	-0.0831	0.0035
483	SLE FR 5	-0.21	-0.47	60.24	-0.9532	-0.0833	0.0035
483	SLE FR 6	-0.2	-0.47	61.45	-1.0237	-0.0855	0.0035
483	SLE QP 1	-0.21	-0.46	57.88	-0.8477	-0.0794	0.0033
483	SLE QP 2	-0.2	-0.46	60.02	-0.9533	-0.0831	0.0035
483	SLD 1	3.96	0.45	57.91	-1.044	-0.0702	0.0053
483	SLD 2	4.1	0.41	57.92	-1.0413	-0.0694	0.0068
483	SLD 3	3.91	-1.14	58.15	-0.9331	-0.0648	0.0042
483	SLD 4	4.05	-1.17	58.16	-0.9304	-0.064	0.0057
483	SLD 5	1.09	2.21	59.03	-1.1491	-0.0875	0.0054
483	SLD 6	1.18	2.19	59.04	-1.1473	-0.087	0.0064
483	SLD 7	0.94	-3.06	59.82	-0.7796	-0.0696	0.0018
483	SLD 8	1.03	-3.08	59.82	-0.7778	-0.069	0.0028
483	SLD 9	-1.43	2.15	60.23	-1.1288	-0.0971	0.0041
483	SLD 10	-1.34	2.13	60.23	-1.127	-0.0966	0.0051
483	SLD 11	-1.59	-3.12	61.01	-0.7592	-0.0792	0.0005
483	SLD 12	-1.5	-3.14	61.02	-0.7575	-0.0786	0.0015
483	SLD 13	-4.46	0.24	61.89	-0.9761	-0.1022	0.0012
483	SLD 14	-4.32	0.21	61.9	-0.9734	-0.1014	0.0027
483	SLD 15	-4.51	-1.34	62.13	-0.8653	-0.0968	0.0001
483	SLD 16	-4.37	-1.37	62.14	-0.8626	-0.096	0.0016
483	SLV 1	9.54	1.6	55.09	-1.1618	-0.0527	0.0078
483	SLV 2	9.86	1.52	55.11	-1.1555	-0.0509	0.0113
483	SLV 3	9.44	-1.98	55.63	-0.9107	-0.0405	0.0053
483	SLV 4	9.75	-2.07	55.65	-0.9044	-0.0387	0.0089
483	SLV 5	2.83	5.61	57.72	-1.3978	-0.0928	0.0078
483	SLV 6	3.03	5.56	57.73	-1.3937	-0.0916	0.0101
483	SLV 7	2.47	-6.35	59.52	-0.5608	-0.0521	-0.0003
483	SLV 8	2.67	-6.4	59.53	-0.5567	-0.0509	0.002
483	SLV 9	-3.08	5.47	60.51	-1.3499	-0.1152	0.0049
483	SLV 10	-2.88	5.42	60.53	-1.3458	-0.114	0.0072
483	SLV 11	-3.44	-6.49	62.31	-0.5129	-0.0746	-0.0032
483	SLV 12	-3.24	-6.54	62.33	-0.5088	-0.0734	-0.0009
483	SLV 13	-10.16	1.14	64.4	-1.0022	-0.1275	-0.002
483	SLV 14	-9.84	1.05	64.42	-0.9959	-0.1256	0.0016
483	SLV 15	-10.27	-2.45	64.94	-0.7511	-0.1153	-0.0044
483	SLV 16	-9.95	-2.53	64.96	-0.7448	-0.1134	-0.0008
483	CRTFP Ux+	0	0	0	0	0	0
483	CRTFP Ux-	0	0	0	0	0	0
483	CRTFP Uy+	0	0	0	0	0	0
483	CRTFP Uy-	0	0	0	0	0	0
484	SLU 1	-0.22	-0.57	89.66	0.9426	-8.2442	-0.033
484	SLU 2	-0.22	-0.46	89.76	0.9339	-8.2539	-0.0226
484	SLU 3	-0.23	-0.55	91.76	0.9731	-8.4381	-0.0313
484	SLU 4	-0.23	-0.49	91.82	0.9679	-8.4439	-0.025
484	SLU 5	-0.23	-0.47	91.04	0.9486	-8.3715	-0.023
484	SLU 6	-0.23	-0.56	93.04	0.9877	-8.5557	-0.0316
484	SLU 7	-0.23	-0.5	93.1	0.9826	-8.5615	-0.0254
484	SLU 8	-0.23	-0.58	92.22	0.972	-8.4794	-0.0337
484	SLU 9	-0.23	-0.52	92.29	0.9668	-8.4852	-0.0275



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
484	SLU 10	-0.2	-0.42	101.73	1.0093	-9.3434	-0.0149
484	SLU 11	-0.2	-0.51	103.72	1.0484	-9.5276	-0.0235
484	SLU 12	-0.2	-0.45	103.79	1.0432	-9.5334	-0.0173
484	SLU 13	-0.2	-0.43	103.01	1.024	-9.461	-0.0152
484	SLU 14	-0.2	-0.52	105.01	1.0631	-9.6452	-0.0239
484	SLU 15	-0.2	-0.46	105.07	1.0579	-9.651	-0.0176
484	SLU 16	-0.2	-0.55	104.19	1.0473	-9.5689	-0.0259
484	SLU 17	-0.2	-0.48	104.25	1.0421	-9.5747	-0.0197
484	SLU 18	-0.19	-0.51	106.75	1.0502	-9.8006	-0.0219
484	SLU 19	-0.19	-0.45	106.81	1.045	-9.8065	-0.0157
484	SLU 20	-0.19	-0.52	108.03	1.0649	-9.9182	-0.0223
484	SLU 21	-0.19	-0.46	108.09	1.0597	-9.9241	-0.0161
484	SLU 22	-0.23	-0.39	99.62	1.067	-9.1619	-0.0153
484	SLU 23	-0.23	-0.29	99.73	1.0584	-9.1716	-0.005
484	SLU 24	-0.23	-0.38	101.72	1.0975	-9.3558	-0.0136
484	SLU 25	-0.23	-0.31	101.79	1.0923	-9.3616	-0.0074
484	SLU 26	-0.23	-0.29	101.01	1.0731	-9.2892	-0.0053
484	SLU 27	-0.24	-0.39	103.01	1.1122	-9.4734	-0.014
484	SLU 28	-0.24	-0.32	103.07	1.107	-9.4792	-0.0077
484	SLU 29	-0.23	-0.41	102.19	1.0964	-9.3971	-0.016
484	SLU 30	-0.23	-0.35	102.25	1.0912	-9.4029	-0.0098
484	SLU 31	-0.21	-0.25	111.69	1.1337	-10.2611	0.0027
484	SLU 32	-0.21	-0.34	113.69	1.1728	-10.4453	-0.0059
484	SLU 33	-0.21	-0.28	113.75	1.1677	-10.4511	0.0003
484	SLU 34	-0.21	-0.26	112.97	1.1484	-10.3787	0.0024
484	SLU 35	-0.21	-0.35	114.97	1.1875	-10.5629	-0.0062
484	SLU 36	-0.21	-0.28	115.03	1.1823	-10.5687	0
484	SLU 37	-0.21	-0.37	114.15	1.1717	-10.4866	-0.0083
484	SLU 38	-0.21	-0.31	114.21	1.1666	-10.4924	-0.0021
484	SLU 39	-0.2	-0.34	116.71	1.1746	-10.7183	-0.0043
484	SLU 40	-0.2	-0.27	116.77	1.1695	-10.7241	0.0019
484	SLU 41	-0.2	-0.35	117.99	1.1893	-10.8359	-0.0046
484	SLU 42	-0.2	-0.28	118.06	1.1841	-10.8418	0.0016
484	SLU 43	-0.29	-0.8	113.14	1.1827	-10.4028	-0.0489
484	SLU 44	-0.29	-0.69	113.24	1.1741	-10.4125	-0.0386
484	SLU 45	-0.29	-0.78	115.24	1.2132	-10.5967	-0.0472
484	SLU 46	-0.29	-0.72	115.3	1.208	-10.6026	-0.041
484	SLU 47	-0.29	-0.7	114.53	1.1887	-10.5301	-0.0389
484	SLU 48	-0.29	-0.79	116.52	1.2279	-10.7143	-0.0476
484	SLU 49	-0.29	-0.73	116.59	1.2227	-10.7202	-0.0413
484	SLU 50	-0.29	-0.81	115.7	1.2121	-10.638	-0.0496
484	SLU 51	-0.29	-0.75	115.77	1.2069	-10.6439	-0.0434
484	SLU 52	-0.26	-0.65	125.21	1.2494	-11.502	-0.0308
484	SLU 53	-0.26	-0.74	127.2	1.2885	-11.6862	-0.0395
484	SLU 54	-0.27	-0.68	127.27	1.2833	-11.6921	-0.0332
484	SLU 55	-0.27	-0.66	126.49	1.2641	-11.6196	-0.0312
484	SLU 56	-0.27	-0.75	128.49	1.3032	-11.8038	-0.0398
484	SLU 57	-0.27	-0.69	128.55	1.298	-11.8097	-0.0336
484	SLU 58	-0.26	-0.78	127.67	1.2874	-11.7275	-0.0419
484	SLU 59	-0.27	-0.71	127.73	1.2822	-11.7334	-0.0357
484	SLU 60	-0.25	-0.74	130.23	1.2903	-11.9593	-0.0379
484	SLU 61	-0.25	-0.68	130.29	1.2851	-11.9651	-0.0317
484	SLU 62	-0.25	-0.75	131.51	1.305	-12.0769	-0.0382
484	SLU 63	-0.25	-0.69	131.57	1.2998	-12.0827	-0.032
484	SLU 64	-0.3	-0.62	123.1	1.3071	-11.3205	-0.0313
484	SLU 65	-0.3	-0.52	123.21	1.2985	-11.3302	-0.0209
484	SLU 66	-0.3	-0.61	125.2	1.3376	-11.5144	-0.0296
484	SLU 67	-0.3	-0.54	125.27	1.3324	-11.5203	-0.0233
484	SLU 68	-0.3	-0.52	124.49	1.3132	-11.4478	-0.0213
484	SLU 69	-0.3	-0.62	126.49	1.3523	-11.632	-0.0299
484	SLU 70	-0.3	-0.55	126.55	1.3471	-11.6379	-0.0237
484	SLU 71	-0.3	-0.64	125.67	1.3365	-11.5557	-0.032
484	SLU 72	-0.3	-0.58	125.73	1.3313	-11.5616	-0.0258
484	SLU 73	-0.27	-0.48	135.17	1.3738	-12.4197	-0.0132
484	SLU 74	-0.27	-0.57	137.17	1.4129	-12.6039	-0.0218
484	SLU 75	-0.27	-0.51	137.23	1.4078	-12.6098	-0.0156
484	SLU 76	-0.27	-0.49	136.45	1.3885	-12.5373	-0.0135
484	SLU 77	-0.27	-0.58	138.45	1.4276	-12.7215	-0.0222
484	SLU 78	-0.28	-0.51	138.51	1.4224	-12.7274	-0.0159
484	SLU 79	-0.27	-0.6	137.63	1.4118	-12.6452	-0.0242
484	SLU 80	-0.27	-0.54	137.69	1.4067	-12.6511	-0.018
484	SLU 81	-0.26	-0.57	140.19	1.4147	-12.8769	-0.0202
484	SLU 82	-0.26	-0.5	140.26	1.4096	-12.8828	-0.014
484	SLU 83	-0.26	-0.58	141.48	1.4294	-12.9946	-0.0206
484	SLU 84	-0.26	-0.51	141.54	1.4242	-13.0004	-0.0144
484	SLE RA 1	-0.23	-0.52	92.5	0.9781	-8.5064	-0.028
484	SLE RA 2	-0.23	-0.45	92.57	0.9724	-8.5129	-0.0211
484	SLE RA 3	-0.23	-0.51	93.9	0.9985	-8.6357	-0.0268
484	SLE RA 4	-0.23	-0.47	93.95	0.995	-8.6396	-0.0227
484	SLE RA 5	-0.23	-0.45	93.43	0.9822	-8.5913	-0.0213
484	SLE RA 6	-0.23	-0.51	94.76	1.0082	-8.7141	-0.027
484	SLE RA 7	-0.23	-0.47	94.8	1.0048	-8.718	-0.0229
484	SLE RA 8	-0.23	-0.53	94.21	0.9977	-8.6632	-0.0284
484	SLE RA 9	-0.23	-0.49	94.26	0.9943	-8.6671	-0.0243
484	SLE RA 10	-0.21	-0.42	100.55	1.0226	-9.2392	-0.0159
484	SLE RA 11	-0.21	-0.48	101.88	1.0487	-9.362	-0.0216
484	SLE RA 12	-0.21	-0.44	101.92	1.0452	-9.3659	-0.0175
484	SLE RA 13	-0.21	-0.43	101.4	1.0324	-9.3176	-0.0161
484	SLE RA 14	-0.21	-0.49	102.74	1.0585	-9.4404	-0.0219



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
484	SLE RA 15	-0.21	-0.44	102.78	1.055	-9.4443	-0.0177
484	SLE RA 16	-0.21	-0.5	102.19	1.0479	-9.3895	-0.0233
484	SLE RA 17	-0.21	-0.46	102.23	1.0445	-9.3934	-0.0191
484	SLE RA 18	-0.2	-0.48	103.9	1.0499	-9.544	-0.0206
484	SLE RA 19	-0.2	-0.44	103.94	1.0464	-9.5479	-0.0164
484	SLE RA 20	-0.2	-0.49	104.75	1.0597	-9.6224	-0.0208
484	SLE RA 21	-0.2	-0.44	104.79	1.0562	-9.6263	-0.0167
484	SLE FR 1	-0.23	-0.52	92.5	0.9781	-8.5064	-0.028
484	SLE FR 2	-0.23	-0.5	92.52	0.977	-8.5077	-0.0266
484	SLE FR 3	-0.23	-0.52	92.85	0.9821	-8.5378	-0.028
484	SLE FR 4	-0.22	-0.49	95.94	0.9985	-8.819	-0.0244
484	SLE FR 5	-0.22	-0.51	96.26	1.0036	-8.849	-0.0258
484	SLE FR 6	-0.21	-0.5	98.2	1.014	-9.0252	-0.0243
484	SLE QP 1	-0.23	-0.52	92.5	0.9781	-8.5064	-0.028
484	SLE QP 2	-0.22	-0.51	95.92	0.9997	-8.8177	-0.0257
484	SLD 1	6.38	0.87	92.95	0.6606	-8.6027	0.0766
484	SLD 2	6.59	0.87	92.95	0.66	-8.6049	0.0804
484	SLD 3	6.31	-1.66	92.64	0.9143	-8.5763	-0.159
484	SLD 4	6.52	-1.66	92.65	0.9137	-8.5786	-0.1552
484	SLD 5	1.83	3.74	95.49	0.5132	-8.7928	0.3616
484	SLD 6	1.97	3.74	95.5	0.5128	-8.7942	0.3641
484	SLD 7	1.59	-4.69	94.47	1.359	-8.7049	-0.4237
484	SLD 8	1.74	-4.69	94.48	1.3586	-8.7064	-0.4212
484	SLD 9	-2.17	3.68	97.37	0.6407	-8.929	0.3697
484	SLD 10	-2.03	3.67	97.37	0.6403	-8.9305	0.3722
484	SLD 11	-2.41	-4.75	96.35	1.4865	-8.8411	-0.4156
484	SLD 12	-2.26	-4.76	96.35	1.4861	-8.8426	-0.4131
484	SLD 13	-6.96	0.65	99.2	1.0856	-9.0568	0.1037
484	SLD 14	-6.74	0.64	99.2	1.085	-9.059	0.1075
484	SLD 15	-7.03	-1.88	98.89	1.3393	-9.0304	-0.1319
484	SLD 16	-6.81	-1.89	98.9	1.3387	-9.0327	-0.1281
484	SLV 1	15.21	2.62	88.96	0.2145	-8.3144	0.2052
484	SLV 2	15.71	2.61	88.97	0.2132	-8.3195	0.2141
484	SLV 3	15.05	-3.11	88.25	0.7896	-8.253	-0.3288
484	SLV 4	15.55	-3.12	88.26	0.7883	-8.2582	-0.3199
484	SLV 5	4.57	9.13	94.91	-0.1079	-8.7588	0.8519
484	SLV 6	4.89	9.12	94.92	-0.1088	-8.7622	0.8577
484	SLV 7	4.03	-9.98	92.54	1.8091	-8.5544	-0.9281
484	SLV 8	4.36	-9.99	92.55	1.8082	-8.5577	-0.9224
484	SLV 9	-4.79	8.98	99.3	0.1911	-9.0777	0.8709
484	SLV 10	-4.47	8.97	99.31	0.1902	-9.081	0.8766
484	SLV 11	-5.33	-10.14	96.93	2.1081	-8.8732	-0.9092
484	SLV 12	-5	-10.14	96.94	2.1072	-8.8766	-0.9034
484	SLV 13	-15.99	2.11	103.58	1.211	-9.3772	0.2684
484	SLV 14	-15.48	2.1	103.6	1.2097	-9.3823	0.2773
484	SLV 15	-16.15	-3.63	102.87	1.7861	-9.3158	-0.2656
484	SLV 16	-15.65	-3.64	102.89	1.7848	-9.321	-0.2567
484	CRTFP Ux+	0	0	0	0	0	0
484	CRTFP Ux-	0	0	0	0	0	0
484	CRTFP Uy+	0	0	0	0	0	0
484	CRTFP Uy-	0	0	0	0	0	0
486	SLU 1	-0.11	-0.43	89.22	-0.4235	45.661	0.2216
486	SLU 2	-0.11	-0.32	89.31	-0.4274	45.7126	0.1652
486	SLU 3	-0.11	-0.42	91.33	-0.4327	46.7391	0.2132
486	SLU 4	-0.11	-0.35	91.39	-0.435	46.7701	0.1793
486	SLU 5	-0.11	-0.33	90.59	-0.4338	46.3672	0.1677
486	SLU 6	-0.11	-0.42	92.61	-0.439	47.3937	0.2157
486	SLU 7	-0.11	-0.35	92.67	-0.4413	47.4247	0.1819
486	SLU 8	-0.11	-0.44	91.78	-0.4362	46.9702	0.2267
486	SLU 9	-0.11	-0.38	91.83	-0.4386	47.0012	0.1928
486	SLU 10	-0.08	-0.24	101	-0.4761	51.7236	0.1249
486	SLU 11	-0.07	-0.33	103.02	-0.4814	52.7501	0.173
486	SLU 12	-0.08	-0.27	103.08	-0.4837	52.7811	0.1391
486	SLU 13	-0.08	-0.25	102.28	-0.4825	52.3782	0.1275
486	SLU 14	-0.07	-0.34	104.3	-0.4877	53.4047	0.1755
486	SLU 15	-0.08	-0.27	104.36	-0.49	53.4357	0.1416
486	SLU 16	-0.07	-0.36	103.46	-0.4849	52.9812	0.1864
486	SLU 17	-0.07	-0.29	103.52	-0.4873	53.0121	0.1526
486	SLU 18	-0.06	-0.32	105.91	-0.4931	54.2481	0.1641
486	SLU 19	-0.06	-0.25	105.97	-0.4955	54.2791	0.1303
486	SLU 20	-0.06	-0.32	107.19	-0.4995	54.9027	0.1667
486	SLU 21	-0.06	-0.25	107.25	-0.5018	54.9337	0.1328
486	SLU 22	-0.11	-0.25	99.18	-0.4569	50.7518	0.1283
486	SLU 23	-0.11	-0.14	99.28	-0.4608	50.8034	0.0719
486	SLU 24	-0.1	-0.23	101.29	-0.466	51.83	0.1199
486	SLU 25	-0.11	-0.17	101.35	-0.4683	51.8609	0.086
486	SLU 26	-0.11	-0.15	100.56	-0.4671	51.458	0.0744
486	SLU 27	-0.1	-0.24	102.57	-0.4723	52.4846	0.1224
486	SLU 28	-0.11	-0.17	102.63	-0.4747	52.5155	0.0886
486	SLU 29	-0.1	-0.26	101.74	-0.4696	52.061	0.1334
486	SLU 30	-0.11	-0.19	101.8	-0.4719	52.092	0.0995
486	SLU 31	-0.07	-0.06	110.97	-0.5095	56.8144	0.0316
486	SLU 32	-0.07	-0.15	112.98	-0.5147	57.8409	0.0796
486	SLU 33	-0.07	-0.09	113.04	-0.5171	57.8719	0.0458
486	SLU 34	-0.07	-0.06	112.25	-0.5158	57.469	0.0342
486	SLU 35	-0.07	-0.16	114.26	-0.5211	58.4955	0.0822
486	SLU 36	-0.07	-0.09	114.32	-0.5234	58.5265	0.0483
486	SLU 37	-0.07	-0.18	113.43	-0.5183	58.072	0.0931
486	SLU 38	-0.07	-0.11	113.49	-0.5206	58.1029	0.0593



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
486	SLU 39	-0.06	-0.13	115.88	-0.5265	59.3389	0.0708
486	SLU 40	-0.06	-0.07	115.94	-0.5288	59.3699	0.037
486	SLU 41	-0.05	-0.14	117.16	-0.5328	59.9935	0.0733
486	SLU 42	-0.06	-0.07	117.22	-0.5352	60.0245	0.0395
486	SLU 43	-0.14	-0.62	112.56	-0.5392	57.6139	0.3201
486	SLU 44	-0.15	-0.51	112.66	-0.5431	57.6655	0.2637
486	SLU 45	-0.14	-0.61	114.68	-0.5483	58.692	0.3117
486	SLU 46	-0.14	-0.54	114.74	-0.5506	58.723	0.2778
486	SLU 47	-0.15	-0.52	113.94	-0.5494	58.3201	0.2662
486	SLU 48	-0.14	-0.61	115.96	-0.5546	59.3466	0.3142
486	SLU 49	-0.14	-0.55	116.02	-0.557	59.3776	0.2803
486	SLU 50	-0.14	-0.63	115.12	-0.5519	58.9231	0.3251
486	SLU 51	-0.14	-0.57	115.18	-0.5542	58.954	0.2913
486	SLU 52	-0.11	-0.43	124.35	-0.5918	63.6765	0.2234
486	SLU 53	-0.11	-0.53	126.36	-0.597	64.703	0.2714
486	SLU 54	-0.11	-0.46	126.42	-0.5993	64.734	0.2376
486	SLU 55	-0.11	-0.44	125.63	-0.5981	64.3311	0.226
486	SLU 56	-0.11	-0.53	127.64	-0.6033	65.3576	0.274
486	SLU 57	-0.11	-0.47	127.7	-0.6057	65.3886	0.2401
486	SLU 58	-0.11	-0.55	126.81	-0.6006	64.934	0.2849
486	SLU 59	-0.11	-0.49	126.87	-0.6029	64.965	0.2511
486	SLU 60	-0.09	-0.51	129.26	-0.6088	66.201	0.2626
486	SLU 61	-0.1	-0.44	129.32	-0.6111	66.2319	0.2287
486	SLU 62	-0.09	-0.51	130.54	-0.6151	66.8556	0.2651
486	SLU 63	-0.09	-0.45	130.6	-0.6174	66.8865	0.2313
486	SLU 64	-0.14	-0.44	122.53	-0.5725	62.7047	0.2268
486	SLU 65	-0.14	-0.33	122.63	-0.5764	62.7563	0.1704
486	SLU 66	-0.14	-0.43	124.64	-0.5816	63.7828	0.2184
486	SLU 67	-0.14	-0.36	124.7	-0.584	63.8138	0.1845
486	SLU 68	-0.14	-0.34	123.91	-0.5828	63.4109	0.1729
486	SLU 69	-0.14	-0.43	125.92	-0.588	64.4374	0.2209
486	SLU 70	-0.14	-0.36	125.98	-0.5903	64.4684	0.187
486	SLU 71	-0.14	-0.45	125.09	-0.5852	64.0139	0.2318
486	SLU 72	-0.14	-0.39	125.15	-0.5875	64.0448	0.198
486	SLU 73	-0.11	-0.25	134.32	-0.6251	68.7673	0.1301
486	SLU 74	-0.1	-0.34	136.33	-0.6303	69.7938	0.1781
486	SLU 75	-0.11	-0.28	136.39	-0.6327	69.8248	0.1443
486	SLU 76	-0.11	-0.26	135.6	-0.6315	69.4219	0.1326
486	SLU 77	-0.1	-0.35	137.61	-0.6367	70.4484	0.1807
486	SLU 78	-0.11	-0.28	137.67	-0.639	70.4794	0.1468
486	SLU 79	-0.1	-0.37	136.78	-0.6339	70.0248	0.1916
486	SLU 80	-0.1	-0.3	136.84	-0.6363	70.0558	0.1578
486	SLU 81	-0.09	-0.33	139.23	-0.6421	71.2918	0.1693
486	SLU 82	-0.09	-0.26	139.28	-0.6444	71.3228	0.1354
486	SLU 83	-0.09	-0.33	140.51	-0.6484	71.9464	0.1718
486	SLU 84	-0.09	-0.26	140.56	-0.6508	71.9774	0.138
486	SLE RA 1	-0.11	-0.38	92.06	-0.4331	47.1155	0.1949
486	SLE RA 2	-0.11	-0.31	92.13	-0.4357	47.1499	0.1573
486	SLE RA 3	-0.11	-0.37	93.47	-0.4391	47.8343	0.1893
486	SLE RA 4	-0.11	-0.33	93.51	-0.4407	47.8549	0.1668
486	SLE RA 5	-0.11	-0.31	92.98	-0.4399	47.5863	0.159
486	SLE RA 6	-0.11	-0.37	94.32	-0.4434	48.2707	0.191
486	SLE RA 7	-0.11	-0.33	94.36	-0.4449	48.2913	0.1685
486	SLE RA 8	-0.11	-0.39	93.77	-0.4415	47.9883	0.1983
486	SLE RA 9	-0.11	-0.34	93.81	-0.4431	48.009	0.1758
486	SLE RA 10	-0.09	-0.25	99.92	-0.4681	51.1572	0.1305
486	SLE RA 11	-0.08	-0.31	101.26	-0.4716	51.8416	0.1625
486	SLE RA 12	-0.09	-0.27	101.3	-0.4732	51.8622	0.1399
486	SLE RA 13	-0.09	-0.26	100.77	-0.4724	51.5936	0.1322
486	SLE RA 14	-0.08	-0.32	102.12	-0.4758	52.278	0.1642
486	SLE RA 15	-0.09	-0.27	102.16	-0.4774	52.2986	0.1416
486	SLE RA 16	-0.08	-0.33	101.56	-0.474	51.9956	0.1715
486	SLE RA 17	-0.08	-0.29	101.6	-0.4756	52.0163	0.1489
486	SLE RA 18	-0.07	-0.3	103.19	-0.4795	52.8402	0.1566
486	SLE RA 19	-0.08	-0.26	103.23	-0.481	52.8609	0.1341
486	SLE RA 20	-0.07	-0.31	104.05	-0.4837	53.2766	0.1583
486	SLE RA 21	-0.08	-0.26	104.09	-0.4852	53.2973	0.1357
486	SLE FR 1	-0.11	-0.38	92.06	-0.4331	47.1155	0.1949
486	SLE FR 2	-0.11	-0.37	92.08	-0.4336	47.1224	0.1874
486	SLE FR 3	-0.11	-0.38	92.4	-0.4348	47.2901	0.1956
486	SLE FR 4	-0.1	-0.34	95.42	-0.4475	48.8398	0.1759
486	SLE FR 5	-0.1	-0.36	95.74	-0.4487	49.0075	0.1841
486	SLE FR 6	-0.09	-0.34	97.63	-0.4563	49.9779	0.1758
486	SLE QP 1	-0.11	-0.38	92.06	-0.4331	47.1155	0.1949
486	SLE QP 2	-0.1	-0.36	95.4	-0.447	48.8329	0.1834
486	SLD 1	6.56	0.75	94.29	-0.5168	47.9934	-0.3507
486	SLD 2	6.78	0.81	94.34	-0.5214	48.0138	-0.378
486	SLD 3	6.49	-1.81	93.95	-0.4396	47.8305	0.9614
486	SLD 4	6.71	-1.75	94.01	-0.4442	47.8509	0.9341
486	SLD 5	1.96	3.85	95.56	-0.5843	48.8244	-1.9619
486	SLD 6	2.11	3.89	95.6	-0.5873	48.8378	-1.9798
486	SLD 7	1.74	-4.69	94.45	-0.3267	48.2816	2.4117
486	SLD 8	1.88	-4.65	94.49	-0.3298	48.295	2.3937
486	SLD 9	-2.08	3.93	96.32	-0.5642	49.3709	-2.0268
486	SLD 10	-1.93	3.98	96.35	-0.5672	49.3843	-2.0448
486	SLD 11	-2.3	-4.6	95.21	-0.3066	48.828	2.3467
486	SLD 12	-2.16	-4.56	95.24	-0.3097	48.8415	2.3288
486	SLD 13	-6.91	1.04	96.8	-0.4498	49.8149	-0.5672
486	SLD 14	-6.69	1.1	96.85	-0.4544	49.8353	-0.5945



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
486	SLD 15	-6.97	-1.52	96.46	-0.3725	49.6521	0.7449
486	SLD 16	-6.75	-1.46	96.52	-0.3771	49.6725	0.7176
486	SLV 1	15.47	2.13	92.79	-0.6077	46.8651	-1.0189
486	SLV 2	15.99	2.28	92.91	-0.6184	46.9126	-1.0824
486	SLV 3	15.32	-3.67	92.02	-0.4326	46.4902	1.955
486	SLV 4	15.83	-3.52	92.15	-0.4433	46.5377	1.8915
486	SLV 5	4.72	9.16	95.75	-0.7589	48.803	-4.6767
486	SLV 6	5.05	9.26	95.83	-0.7658	48.8338	-4.7178
486	SLV 7	4.21	-10.18	93.21	-0.1753	47.5532	5.2364
486	SLV 8	4.54	-10.08	93.29	-0.1822	47.5839	5.1953
486	SLV 9	-4.73	9.37	97.51	-0.7118	50.082	-4.8284
486	SLV 10	-4.4	9.46	97.59	-0.7187	50.1127	-4.8695
486	SLV 11	-5.25	-9.97	94.97	-0.1282	48.8321	5.0847
486	SLV 12	-4.91	-9.88	95.05	-0.1351	48.8628	5.0436
486	SLV 13	-16.03	2.81	98.66	-0.4507	51.1282	-1.5246
486	SLV 14	-15.52	2.96	98.78	-0.4614	51.1757	-1.5882
486	SLV 15	-16.18	-2.99	97.9	-0.2756	50.7532	1.4493
486	SLV 16	-15.67	-2.84	98.02	-0.2863	50.8007	1.3858
486	CRTFP Ux+	0	0	0	0	0	0
486	CRTFP Ux-	0	0	0	0	0	0
486	CRTFP Uy+	0	0	0	0	0	0
486	CRTFP Uy-	0	0	0	0	0	0
487	SLU 1	-0.69	0.47	35.02	0.044	-6.1958	0.1188
487	SLU 2	-0.68	0.57	34.99	0.0445	-6.1944	0.1451
487	SLU 3	-0.7	0.48	35.85	0.0451	-6.338	0.1226
487	SLU 4	-0.7	0.55	35.84	0.0454	-6.3371	0.1383
487	SLU 5	-0.69	0.58	35.51	0.0451	-6.2816	0.1478
487	SLU 6	-0.72	0.49	36.37	0.0458	-6.4251	0.1253
487	SLU 7	-0.71	0.56	36.35	0.0461	-6.4243	0.1411
487	SLU 8	-0.71	0.49	36.05	0.0453	-6.3701	0.1242
487	SLU 9	-0.71	0.55	36.03	0.0456	-6.3693	0.14
487	SLU 10	-0.72	0.68	38.99	0.0505	-6.9015	0.1723
487	SLU 11	-0.74	0.59	39.85	0.0512	-7.045	0.1497
487	SLU 12	-0.74	0.65	39.84	0.0515	-7.0442	0.1655
487	SLU 13	-0.73	0.69	39.51	0.0512	-6.9887	0.175
487	SLU 14	-0.75	0.6	40.37	0.0518	-7.1322	0.1525
487	SLU 15	-0.75	0.67	40.35	0.0521	-7.1314	0.1682
487	SLU 16	-0.75	0.6	40.05	0.0514	-7.0772	0.1514
487	SLU 17	-0.74	0.66	40.03	0.0516	-7.0764	0.1672
487	SLU 18	-0.74	0.62	40.73	0.0526	-7.2059	0.1576
487	SLU 19	-0.73	0.69	40.72	0.0529	-7.2051	0.1734
487	SLU 20	-0.75	0.63	41.25	0.0533	-7.2931	0.1603
487	SLU 21	-0.75	0.7	41.23	0.0536	-7.2922	0.1761
487	SLU 22	-0.75	0.57	39.03	0.0501	-6.8999	0.1436
487	SLU 23	-0.74	0.67	39.01	0.0506	-6.8985	0.1699
487	SLU 24	-0.77	0.58	39.87	0.0512	-7.042	0.1474
487	SLU 25	-0.76	0.64	39.85	0.0515	-7.0412	0.1631
487	SLU 26	-0.75	0.68	39.52	0.0512	-6.9856	0.1726
487	SLU 27	-0.78	0.59	40.39	0.0519	-7.1292	0.1501
487	SLU 28	-0.77	0.66	40.37	0.0522	-7.1283	0.1658
487	SLU 29	-0.77	0.59	40.07	0.0514	-7.0742	0.149
487	SLU 30	-0.77	0.65	40.05	0.0517	-7.0733	0.1648
487	SLU 31	-0.78	0.78	43.01	0.0566	-7.6056	0.197
487	SLU 32	-0.8	0.69	43.87	0.0573	-7.7491	0.1745
487	SLU 33	-0.8	0.75	43.85	0.0576	-7.7483	0.1903
487	SLU 34	-0.79	0.79	43.52	0.0573	-7.6927	0.1998
487	SLU 35	-0.81	0.7	44.39	0.0579	-7.8363	0.1772
487	SLU 36	-0.81	0.76	44.37	0.0582	-7.8354	0.193
487	SLU 37	-0.81	0.7	44.07	0.0575	-7.7812	0.1762
487	SLU 38	-0.8	0.76	44.05	0.0577	-7.7804	0.192
487	SLU 39	-0.8	0.72	44.75	0.0587	-7.91	0.1824
487	SLU 40	-0.8	0.78	44.73	0.059	-7.9092	0.1982
487	SLU 41	-0.81	0.73	45.27	0.0594	-7.9971	0.1851
487	SLU 42	-0.81	0.8	45.25	0.0597	-7.9963	0.2009
487	SLU 43	-0.87	0.58	44.15	0.0551	-7.8132	0.146
487	SLU 44	-0.86	0.68	44.12	0.0556	-7.8118	0.1722
487	SLU 45	-0.89	0.59	44.98	0.0562	-7.9553	0.1497
487	SLU 46	-0.88	0.65	44.96	0.0565	-7.9545	0.1655
487	SLU 47	-0.88	0.69	44.63	0.0562	-7.8989	0.175
487	SLU 48	-0.9	0.6	45.5	0.0569	-8.0425	0.1524
487	SLU 49	-0.9	0.66	45.48	0.0572	-8.0416	0.1682
487	SLU 50	-0.9	0.6	45.18	0.0564	-7.9874	0.1514
487	SLU 51	-0.89	0.66	45.16	0.0567	-7.9866	0.1672
487	SLU 52	-0.9	0.79	48.12	0.0616	-8.5189	0.1994
487	SLU 53	-0.93	0.7	48.98	0.0623	-8.6624	0.1769
487	SLU 54	-0.92	0.76	48.96	0.0626	-8.6616	0.1927
487	SLU 55	-0.91	0.8	48.63	0.0623	-8.606	0.2021
487	SLU 56	-0.94	0.71	49.5	0.0629	-8.7495	0.1796
487	SLU 57	-0.93	0.77	49.48	0.0632	-8.7487	0.1954
487	SLU 58	-0.93	0.7	49.18	0.0625	-8.6945	0.1786
487	SLU 59	-0.93	0.77	49.16	0.0627	-8.6937	0.1943
487	SLU 60	-0.92	0.73	49.86	0.0637	-8.8233	0.1848
487	SLU 61	-0.92	0.79	49.84	0.064	-8.8224	0.2005
487	SLU 62	-0.94	0.74	50.38	0.0644	-8.9104	0.1875
487	SLU 63	-0.93	0.8	50.36	0.0647	-8.9096	0.2033
487	SLU 64	-0.93	0.67	48.16	0.0612	-8.5172	0.1707
487	SLU 65	-0.92	0.78	48.13	0.0617	-8.5158	0.197
487	SLU 66	-0.95	0.69	49	0.0623	-8.6594	0.1745
487	SLU 67	-0.95	0.75	48.98	0.0626	-8.6586	0.1903



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
487	SLU 68	-0.94	0.79	48.65	0.0623	-8.603	0.1997
487	SLU 69	-0.96	0.7	49.51	0.063	-8.7465	0.1772
487	SLU 70	-0.96	0.76	49.5	0.0633	-8.7457	0.193
487	SLU 71	-0.96	0.7	49.2	0.0625	-8.6915	0.1762
487	SLU 72	-0.95	0.76	49.18	0.0628	-8.6907	0.1919
487	SLU 73	-0.96	0.89	52.14	0.0677	-9.2229	0.2242
487	SLU 74	-0.99	0.8	53	0.0684	-9.3665	0.2017
487	SLU 75	-0.98	0.86	52.98	0.0687	-9.3656	0.2174
487	SLU 76	-0.97	0.9	52.65	0.0684	-9.3101	0.2269
487	SLU 77	-1	0.81	53.52	0.069	-9.4536	0.2044
487	SLU 78	-0.99	0.87	53.5	0.0693	-9.4528	0.2202
487	SLU 79	-0.99	0.8	53.2	0.0686	-9.3986	0.2033
487	SLU 80	-0.99	0.87	53.18	0.0689	-9.3978	0.2191
487	SLU 81	-0.99	0.83	53.88	0.0698	-9.5273	0.2096
487	SLU 82	-0.98	0.89	53.86	0.0701	-9.5265	0.2253
487	SLU 83	-1	0.84	54.39	0.0705	-9.6145	0.2123
487	SLU 84	-0.99	0.9	54.38	0.0708	-9.6136	0.228
487	SLE RA 1	-0.7	0.5	36.17	0.0457	-6.397	0.1259
487	SLE RA 2	-0.7	0.57	36.15	0.0461	-6.396	0.1434
487	SLE RA 3	-0.72	0.51	36.72	0.0465	-6.4917	0.1284
487	SLE RA 4	-0.71	0.55	36.71	0.0467	-6.4912	0.1389
487	SLE RA 5	-0.71	0.57	36.49	0.0465	-6.4541	0.1452
487	SLE RA 6	-0.72	0.51	37.07	0.0469	-6.5498	0.1302
487	SLE RA 7	-0.72	0.56	37.05	0.0471	-6.5493	0.1407
487	SLE RA 8	-0.72	0.51	36.85	0.0466	-6.5132	0.1295
487	SLE RA 9	-0.72	0.55	36.84	0.0468	-6.5126	0.14
487	SLE RA 10	-0.72	0.64	38.81	0.0501	-6.8674	0.1615
487	SLE RA 11	-0.74	0.58	39.39	0.0505	-6.9631	0.1465
487	SLE RA 12	-0.74	0.62	39.38	0.0507	-6.9626	0.157
487	SLE RA 13	-0.73	0.65	39.16	0.0505	-6.9255	0.1633
487	SLE RA 14	-0.75	0.59	39.73	0.051	-7.0212	0.1483
487	SLE RA 15	-0.75	0.63	39.72	0.0511	-7.0207	0.1588
487	SLE RA 16	-0.75	0.58	39.52	0.0506	-6.9845	0.1476
487	SLE RA 17	-0.74	0.63	39.51	0.0508	-6.984	0.1581
487	SLE RA 18	-0.74	0.6	39.98	0.0515	-7.0704	0.1518
487	SLE RA 19	-0.74	0.64	39.96	0.0517	-7.0698	0.1623
487	SLE RA 20	-0.75	0.61	40.32	0.0519	-7.1285	0.1536
487	SLE RA 21	-0.74	0.65	40.31	0.0521	-7.1279	0.1641
487	SLE FR 1	-0.7	0.5	36.17	0.0457	-6.397	0.1259
487	SLE FR 2	-0.7	0.51	36.16	0.0458	-6.3968	0.1294
487	SLE FR 3	-0.71	0.5	36.3	0.0459	-6.4202	0.1266
487	SLE FR 4	-0.71	0.54	37.3	0.0475	-6.5988	0.1372
487	SLE FR 5	-0.72	0.53	37.45	0.0476	-6.6222	0.1344
487	SLE FR 6	-0.72	0.55	38.07	0.0486	-6.7337	0.1388
487	SLE QP 1	-0.7	0.5	36.17	0.0457	-6.397	0.1259
487	SLE QP 2	-0.71	0.53	37.31	0.0475	-6.599	0.1337
487	SLD 1	1.65	1.17	47.59	0.0591	-8.2454	0.2929
487	SLD 2	1.73	0.62	47.48	0.0603	-8.2454	0.1583
487	SLD 3	1.72	-0.15	47.35	0.0609	-8.2785	-0.0356
487	SLD 4	1.81	-0.69	47.25	0.0621	-8.2786	-0.1702
487	SLD 5	-0.14	2.81	40.76	0.0479	-7.0427	0.7037
487	SLD 6	-0.08	2.45	40.7	0.0488	-7.0427	0.6151
487	SLD 7	0.12	-1.57	39.99	0.054	-7.1531	-0.3912
487	SLD 8	0.18	-1.93	39.92	0.0549	-7.1531	-0.4798
487	SLD 9	-1.61	2.98	34.7	0.0401	-6.0449	0.7471
487	SLD 10	-1.55	2.63	34.63	0.0409	-6.0449	0.6585
487	SLD 11	-1.35	-1.4	33.92	0.0462	-6.1553	-0.3478
487	SLD 12	-1.29	-1.75	33.85	0.047	-6.1553	-0.4364
487	SLD 13	-3.24	1.75	27.37	0.0328	-4.9194	0.4375
487	SLD 14	-3.15	1.2	27.26	0.034	-4.9195	0.3029
487	SLD 15	-3.16	0.43	27.13	0.0346	-4.9525	0.109
487	SLD 16	-3.08	-0.11	27.03	0.0359	-4.9526	-0.0255
487	SLV 1	4.81	1.97	61.36	0.0746	-10.4528	0.4927
487	SLV 2	5.01	0.7	61.12	0.0776	-10.4529	0.1794
487	SLV 3	4.99	-1.01	60.83	0.0788	-10.5303	-0.2514
487	SLV 4	5.19	-2.27	60.59	0.0817	-10.5304	-0.5647
487	SLV 5	0.64	5.69	45.37	0.0488	-7.6375	1.4243
487	SLV 6	0.77	4.87	45.22	0.0507	-7.6376	1.2216
487	SLV 7	1.23	-4.23	43.6	0.0627	-7.8959	-1.056
487	SLV 8	1.36	-5.04	43.44	0.0646	-7.896	-1.2588
487	SLV 9	-2.79	6.1	31.17	0.0303	-5.302	1.5261
487	SLV 10	-2.66	5.28	31.02	0.0322	-5.3021	1.3234
487	SLV 11	-2.2	-3.82	29.4	0.0442	-5.5603	-0.9542
487	SLV 12	-2.07	-4.63	29.24	0.0461	-5.5604	-1.157
487	SLV 13	-6.62	3.33	14.03	0.0132	-2.6676	0.8321
487	SLV 14	-6.42	2.07	13.78	0.0161	-2.6677	0.5187
487	SLV 15	-6.44	0.35	13.5	0.0173	-2.7451	0.088
487	SLV 16	-6.24	-0.91	13.25	0.0203	-2.7452	-0.2254
487	CRTFP Ux+	0	0	0	0	0	0
487	CRTFP Ux-	0	0	0	0	0	0
487	CRTFP Uy+	0	0	0	0	0	0
487	CRTFP Uy-	0	0	0	0	0	0
490	SLU 1	-0.69	-1.12	59.95	-0.0029	-0.1789	0.0059
490	SLU 2	-0.69	-1.02	59.95	-0.0026	-0.1821	0.0065
490	SLU 3	-0.71	-1.14	61.38	-0.0028	-0.1838	0.0059
490	SLU 4	-0.71	-1.08	61.38	-0.0026	-0.1857	0.0063
490	SLU 5	-0.7	-1.04	60.83	-0.0028	-0.1846	0.0066
490	SLU 6	-0.72	-1.16	62.26	-0.003	-0.1863	0.006
490	SLU 7	-0.72	-1.1	62.26	-0.0028	-0.1882	0.0064



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
490	SLU 8	-0.72	-1.16	61.7	-0.0033	-0.1839	0.006
490	SLU 9	-0.72	-1.1	61.7	-0.0031	-0.1858	0.0064
490	SLU 10	-0.7	-1.06	67.22	0.0001	-0.2154	0.0068
490	SLU 11	-0.72	-1.17	68.65	-0.0001	-0.2172	0.0063
490	SLU 12	-0.72	-1.11	68.65	0.0001	-0.2191	0.0066
490	SLU 13	-0.71	-1.07	68.09	-0.0001	-0.218	0.0069
490	SLU 14	-0.73	-1.19	69.52	-0.0003	-0.2197	0.0063
490	SLU 15	-0.73	-1.13	69.52	-0.0001	-0.2216	0.0067
490	SLU 16	-0.73	-1.19	68.96	-0.0006	-0.2173	0.0064
490	SLU 17	-0.73	-1.13	68.97	-0.0004	-0.2192	0.0068
490	SLU 18	-0.71	-1.17	70.33	0.001	-0.2266	0.0064
490	SLU 19	-0.71	-1.11	70.33	0.0012	-0.2285	0.0067
490	SLU 20	-0.72	-1.19	71.2	0.0008	-0.2291	0.0064
490	SLU 21	-0.72	-1.13	71.2	0.001	-0.231	0.0068
490	SLU 22	-0.75	-1.12	66.88	0.0001	-0.1984	0.0057
490	SLU 23	-0.74	-1.02	66.88	0.0004	-0.2016	0.0063
490	SLU 24	-0.76	-1.14	68.31	0.0002	-0.2033	0.0057
490	SLU 25	-0.76	-1.08	68.31	0.0004	-0.2052	0.0061
490	SLU 26	-0.75	-1.04	67.76	0.0002	-0.2041	0.0064
490	SLU 27	-0.78	-1.15	69.19	0	-0.2058	0.0058
490	SLU 28	-0.77	-1.1	69.19	0.0002	-0.2077	0.0062
490	SLU 29	-0.77	-1.16	68.63	-0.0003	-0.2034	0.0058
490	SLU 30	-0.77	-1.1	68.63	-0.0002	-0.2053	0.0062
490	SLU 31	-0.75	-1.06	74.15	0.0031	-0.235	0.0066
490	SLU 32	-0.77	-1.17	75.58	0.0029	-0.2367	0.006
490	SLU 33	-0.77	-1.11	75.58	0.0031	-0.2386	0.0064
490	SLU 34	-0.77	-1.07	75.02	0.0029	-0.2375	0.0067
490	SLU 35	-0.79	-1.19	76.45	0.0027	-0.2392	0.0061
490	SLU 36	-0.79	-1.13	76.45	0.0029	-0.2411	0.0065
490	SLU 37	-0.78	-1.19	75.89	0.0024	-0.2368	0.0062
490	SLU 38	-0.78	-1.13	75.89	0.0026	-0.2387	0.0065
490	SLU 39	-0.76	-1.17	77.26	0.004	-0.2461	0.0061
490	SLU 40	-0.76	-1.11	77.26	0.0041	-0.248	0.0065
490	SLU 41	-0.78	-1.18	78.13	0.0038	-0.2486	0.0062
490	SLU 42	-0.77	-1.13	78.13	0.0039	-0.2505	0.0066
490	SLU 43	-0.88	-1.46	75.56	-0.0048	-0.2258	0.0077
490	SLU 44	-0.88	-1.36	75.56	-0.0045	-0.229	0.0083
490	SLU 45	-0.9	-1.48	76.99	-0.0047	-0.2307	0.0078
490	SLU 46	-0.9	-1.42	76.99	-0.0045	-0.2327	0.0081
490	SLU 47	-0.89	-1.38	76.44	-0.0047	-0.2315	0.0084
490	SLU 48	-0.91	-1.49	77.87	-0.0049	-0.2332	0.0079
490	SLU 49	-0.91	-1.43	77.87	-0.0047	-0.2352	0.0082
490	SLU 50	-0.91	-1.49	77.31	-0.0052	-0.2309	0.0079
490	SLU 51	-0.91	-1.44	77.31	-0.005	-0.2328	0.0083
490	SLU 52	-0.89	-1.39	82.83	-0.0018	-0.2624	0.0087
490	SLU 53	-0.91	-1.51	84.26	-0.0019	-0.2641	0.0081
490	SLU 54	-0.91	-1.45	84.26	-0.0018	-0.266	0.0085
490	SLU 55	-0.9	-1.41	83.7	-0.002	-0.2649	0.0088
490	SLU 56	-0.92	-1.53	85.13	-0.0021	-0.2666	0.0082
490	SLU 57	-0.92	-1.47	85.13	-0.002	-0.2686	0.0086
490	SLU 58	-0.92	-1.53	84.57	-0.0025	-0.2642	0.0082
490	SLU 59	-0.92	-1.47	84.58	-0.0023	-0.2662	0.0086
490	SLU 60	-0.9	-1.51	85.94	-0.0009	-0.2735	0.0082
490	SLU 61	-0.89	-1.45	85.94	-0.0007	-0.2754	0.0086
490	SLU 62	-0.91	-1.52	86.81	-0.0011	-0.276	0.0083
490	SLU 63	-0.91	-1.47	86.81	-0.0009	-0.278	0.0087
490	SLU 64	-0.93	-1.46	82.49	-0.0018	-0.2453	0.0075
490	SLU 65	-0.93	-1.36	82.49	-0.0015	-0.2485	0.0081
490	SLU 66	-0.95	-1.47	83.92	-0.0017	-0.2502	0.0075
490	SLU 67	-0.95	-1.42	83.92	-0.0015	-0.2522	0.0079
490	SLU 68	-0.94	-1.38	83.37	-0.0017	-0.2511	0.0082
490	SLU 69	-0.97	-1.49	84.8	-0.0019	-0.2528	0.0076
490	SLU 70	-0.96	-1.43	84.8	-0.0017	-0.2547	0.008
490	SLU 71	-0.96	-1.49	84.24	-0.0022	-0.2504	0.0077
490	SLU 72	-0.96	-1.43	84.24	-0.002	-0.2523	0.008
490	SLU 73	-0.94	-1.39	89.76	0.0012	-0.2819	0.0084
490	SLU 74	-0.96	-1.51	91.19	0.001	-0.2836	0.0079
490	SLU 75	-0.96	-1.45	91.19	0.0012	-0.2856	0.0082
490	SLU 76	-0.96	-1.41	90.63	0.001	-0.2844	0.0085
490	SLU 77	-0.98	-1.52	92.06	0.0008	-0.2861	0.008
490	SLU 78	-0.97	-1.47	92.06	0.001	-0.2881	0.0083
490	SLU 79	-0.97	-1.53	91.5	0.0005	-0.2838	0.008
490	SLU 80	-0.97	-1.47	91.5	0.0007	-0.2857	0.0084
490	SLU 81	-0.95	-1.5	92.87	0.0021	-0.293	0.008
490	SLU 82	-0.95	-1.45	92.87	0.0023	-0.295	0.0083
490	SLU 83	-0.96	-1.52	93.74	0.0019	-0.2955	0.0081
490	SLU 84	-0.96	-1.46	93.74	0.0021	-0.2975	0.0084
490	SLE RA 1	-0.71	-1.12	61.93	-0.002	-0.1844	0.0058
490	SLE RA 2	-0.7	-1.06	61.93	-0.0019	-0.1866	0.0062
490	SLE RA 3	-0.72	-1.13	62.89	-0.002	-0.1877	0.0058
490	SLE RA 4	-0.72	-1.09	62.89	-0.0019	-0.189	0.0061
490	SLE RA 5	-0.71	-1.07	62.52	-0.002	-0.1882	0.0063
490	SLE RA 6	-0.73	-1.14	63.47	-0.0021	-0.1894	0.0059
490	SLE RA 7	-0.73	-1.11	63.47	-0.002	-0.1907	0.0062
490	SLE RA 8	-0.73	-1.15	63.1	-0.0023	-0.1878	0.0059
490	SLE RA 9	-0.72	-1.11	63.1	-0.0022	-0.1891	0.0062
490	SLE RA 10	-0.71	-1.08	66.78	0	-0.2088	0.0065
490	SLE RA 11	-0.73	-1.15	67.73	-0.0002	-0.21	0.0061
490	SLE RA 12	-0.72	-1.12	67.73	0	-0.2112	0.0063



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
490	SLE RA 13	-0.72	-1.09	67.36	-0.0002	-0.2105	0.0065
490	SLE RA 14	-0.74	-1.17	68.31	-0.0003	-0.2116	0.0061
490	SLE RA 15	-0.73	-1.13	68.31	-0.0002	-0.2129	0.0064
490	SLE RA 16	-0.73	-1.17	67.94	-0.0005	-0.21	0.0062
490	SLE RA 17	-0.73	-1.13	67.94	-0.0004	-0.2113	0.0064
490	SLE RA 18	-0.72	-1.15	68.85	0.0006	-0.2162	0.0061
490	SLE RA 19	-0.72	-1.11	68.85	0.0007	-0.2175	0.0064
490	SLE RA 20	-0.73	-1.16	69.43	0.0004	-0.2179	0.0062
490	SLE RA 21	-0.73	-1.13	69.43	0.0005	-0.2192	0.0064
490	SLE FR 1	-0.71	-1.12	61.93	-0.002	-0.1844	0.0058
490	SLE FR 2	-0.71	-1.11	61.93	-0.002	-0.1849	0.0059
490	SLE FR 3	-0.71	-1.13	62.16	-0.0021	-0.1851	0.0058
490	SLE FR 4	-0.71	-1.12	64.01	-0.0012	-0.1944	0.006
490	SLE FR 5	-0.71	-1.14	64.24	-0.0013	-0.1946	0.0059
490	SLE FR 6	-0.71	-1.14	65.39	-0.0007	-0.2003	0.006
490	SLE QP 1	-0.71	-1.12	61.93	-0.002	-0.1844	0.0058
490	SLE QP 2	-0.71	-1.13	64.01	-0.0013	-0.194	0.0059
490	SLD 1	4.43	-0.84	68.94	-0.007	0.0093	0.0203
490	SLD 2	4.57	-1.21	68.93	-0.0051	0.0043	0.0312
490	SLD 3	4.48	-2.49	69.23	-0.002	-0.0282	0.0222
490	SLD 4	4.62	-2.86	69.22	-0.0001	-0.0332	0.0331
490	SLD 5	0.73	1.53	65.06	-0.0109	-0.0752	0.0054
490	SLD 6	0.82	1.29	65.05	-0.0096	-0.0785	0.0126
490	SLD 7	0.9	-3.98	66	0.0057	-0.2002	0.0117
490	SLD 8	0.99	-4.23	66	0.0069	-0.2035	0.0189
490	SLD 9	-2.41	1.96	62.02	-0.0095	-0.1844	-0.0071
490	SLD 10	-2.32	1.72	62.01	-0.0082	-0.1877	0.0001
490	SLD 11	-2.24	-3.55	62.96	0.0071	-0.3095	-0.0007
490	SLD 12	-2.15	-3.8	62.95	0.0083	-0.3127	0.0065
490	SLD 13	-6.05	0.6	58.8	-0.0024	-0.3548	-0.0213
490	SLD 14	-5.9	0.23	58.79	-0.0005	-0.3597	-0.0104
490	SLD 15	-5.99	-1.05	59.08	0.0026	-0.3923	-0.0194
490	SLD 16	-5.85	-1.43	59.07	0.0045	-0.3972	-0.0085
490	SLV 1	11.32	-0.5	75.57	-0.0145	0.2808	0.0396
490	SLV 2	11.65	-1.37	75.55	-0.0101	0.2692	0.0651
490	SLV 3	11.44	-4.25	76.22	-0.0032	0.1949	0.044
490	SLV 4	11.77	-5.12	76.2	0.0012	0.1833	0.0694
490	SLV 5	2.66	4.89	66.5	-0.0231	0.0807	0.005
490	SLV 6	2.87	4.33	66.48	-0.0203	0.0732	0.0214
490	SLV 7	3.06	-7.6	68.65	0.0145	-0.2056	0.0195
490	SLV 8	3.27	-8.16	68.64	0.0173	-0.2131	0.036
490	SLV 9	-4.69	5.9	59.37	-0.0199	-0.1749	-0.0242
490	SLV 10	-4.48	5.34	59.36	-0.017	-0.1824	-0.0077
490	SLV 11	-4.29	-6.59	61.53	0.0177	-0.4612	-0.0096
490	SLV 12	-4.08	-7.15	61.52	0.0206	-0.4687	0.0068
490	SLV 13	-13.19	2.86	51.82	-0.0037	-0.5713	-0.0576
490	SLV 14	-12.86	1.99	51.8	0.0007	-0.5829	-0.0322
490	SLV 15	-13.07	-0.89	52.47	0.0076	-0.6572	-0.0532
490	SLV 16	-12.74	-1.76	52.45	0.012	-0.6688	-0.0278
490	CRTFP Ux+	0	0	0	0	0	0
490	CRTFP Ux-	0	0	0	0	0	0
494	SLU 1	0.65	-0.42	60.45	-0.0132	0.1808	-0.0086
494	SLU 2	0.65	-0.32	60.47	-0.013	0.1842	-0.009
494	SLU 3	0.67	-0.43	61.88	-0.0136	0.1845	-0.0087
494	SLU 4	0.67	-0.37	61.9	-0.0135	0.1866	-0.0089
494	SLU 5	0.66	-0.33	61.35	-0.0134	0.1852	-0.0091
494	SLU 6	0.68	-0.44	62.76	-0.014	0.1854	-0.0088
494	SLU 7	0.68	-0.38	62.77	-0.0139	0.1875	-0.0091
494	SLU 8	0.67	-0.45	62.21	-0.014	0.1827	-0.0089
494	SLU 9	0.67	-0.39	62.22	-0.0139	0.1847	-0.0091
494	SLU 10	0.69	-0.29	67.76	-0.0128	0.2122	-0.0096
494	SLU 11	0.71	-0.4	69.17	-0.0135	0.2125	-0.0093
494	SLU 12	0.7	-0.34	69.18	-0.0133	0.2145	-0.0096
494	SLU 13	0.7	-0.3	68.64	-0.0132	0.2131	-0.0098
494	SLU 14	0.72	-0.41	70.05	-0.0138	0.2134	-0.0095
494	SLU 15	0.72	-0.35	70.06	-0.0137	0.2155	-0.0097
494	SLU 16	0.71	-0.42	69.5	-0.0138	0.2106	-0.0095
494	SLU 17	0.71	-0.36	69.51	-0.0137	0.2127	-0.0097
494	SLU 18	0.71	-0.38	70.86	-0.013	0.2207	-0.0095
494	SLU 19	0.7	-0.32	70.87	-0.0129	0.2228	-0.0097
494	SLU 20	0.72	-0.39	71.74	-0.0134	0.2217	-0.0096
494	SLU 21	0.71	-0.33	71.75	-0.0132	0.2237	-0.0099
494	SLU 22	0.72	-0.35	67.47	-0.013	0.1882	-0.0083
494	SLU 23	0.71	-0.25	67.49	-0.0128	0.1916	-0.0087
494	SLU 24	0.74	-0.36	68.9	-0.0134	0.1919	-0.0084
494	SLU 25	0.73	-0.3	68.92	-0.0132	0.194	-0.0087
494	SLU 26	0.72	-0.26	68.37	-0.0131	0.1926	-0.0089
494	SLU 27	0.75	-0.37	69.78	-0.0137	0.1928	-0.0086
494	SLU 28	0.74	-0.31	69.8	-0.0136	0.1949	-0.0088
494	SLU 29	0.74	-0.38	69.23	-0.0137	0.1901	-0.0086
494	SLU 30	0.74	-0.32	69.24	-0.0136	0.1921	-0.0088
494	SLU 31	0.75	-0.22	74.78	-0.0126	0.2196	-0.0093
494	SLU 32	0.77	-0.33	76.19	-0.0132	0.2199	-0.0091
494	SLU 33	0.77	-0.27	76.2	-0.0131	0.2219	-0.0093
494	SLU 34	0.76	-0.23	75.66	-0.0129	0.2205	-0.0095
494	SLU 35	0.78	-0.34	77.07	-0.0136	0.2208	-0.0092
494	SLU 36	0.78	-0.28	77.08	-0.0134	0.2229	-0.0095
494	SLU 37	0.78	-0.35	76.52	-0.0135	0.218	-0.0093
494	SLU 38	0.77	-0.28	76.53	-0.0134	0.2201	-0.0095



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
494	SLU 39	0.77	-0.31	77.88	-0.0127	0.2281	-0.0092
494	SLU 40	0.77	-0.24	77.9	-0.0126	0.2302	-0.0095
494	SLU 41	0.78	-0.32	78.76	-0.0131	0.2291	-0.0094
494	SLU 42	0.78	-0.26	78.77	-0.013	0.2311	-0.0096
494	SLU 43	0.83	-0.57	76.18	-0.0173	0.2325	-0.0112
494	SLU 44	0.82	-0.47	76.2	-0.0171	0.2359	-0.0116
494	SLU 45	0.84	-0.58	77.61	-0.0177	0.2362	-0.0114
494	SLU 46	0.84	-0.52	77.62	-0.0176	0.2383	-0.0116
494	SLU 47	0.83	-0.49	77.08	-0.0175	0.2369	-0.0118
494	SLU 48	0.85	-0.59	78.49	-0.0181	0.2371	-0.0115
494	SLU 49	0.85	-0.53	78.5	-0.0179	0.2392	-0.0117
494	SLU 50	0.85	-0.6	77.94	-0.0181	0.2344	-0.0115
494	SLU 51	0.84	-0.54	77.95	-0.0179	0.2364	-0.0118
494	SLU 52	0.86	-0.44	83.49	-0.0169	0.2639	-0.0123
494	SLU 53	0.88	-0.55	84.9	-0.0175	0.2642	-0.012
494	SLU 54	0.88	-0.49	84.91	-0.0174	0.2662	-0.0122
494	SLU 55	0.87	-0.45	84.37	-0.0173	0.2648	-0.0124
494	SLU 56	0.89	-0.56	85.78	-0.0179	0.2651	-0.0122
494	SLU 57	0.89	-0.5	85.79	-0.0178	0.2672	-0.0124
494	SLU 58	0.88	-0.57	85.22	-0.0179	0.2623	-0.0122
494	SLU 59	0.88	-0.51	85.24	-0.0177	0.2644	-0.0124
494	SLU 60	0.88	-0.53	86.59	-0.0171	0.2724	-0.0122
494	SLU 61	0.88	-0.47	86.6	-0.0169	0.2745	-0.0124
494	SLU 62	0.89	-0.54	87.47	-0.0174	0.2734	-0.0123
494	SLU 63	0.89	-0.48	87.48	-0.0173	0.2754	-0.0125
494	SLU 64	0.89	-0.5	83.2	-0.017	0.2399	-0.011
494	SLU 65	0.89	-0.4	83.22	-0.0168	0.2433	-0.0114
494	SLU 66	0.91	-0.51	84.63	-0.0174	0.2436	-0.0111
494	SLU 67	0.91	-0.45	84.65	-0.0173	0.2457	-0.0113
494	SLU 68	0.9	-0.41	84.1	-0.0172	0.2443	-0.0115
494	SLU 69	0.92	-0.52	85.51	-0.0178	0.2445	-0.0113
494	SLU 70	0.92	-0.46	85.52	-0.0177	0.2466	-0.0115
494	SLU 71	0.91	-0.53	84.96	-0.0178	0.2418	-0.0113
494	SLU 72	0.91	-0.47	84.97	-0.0177	0.2438	-0.0115
494	SLU 73	0.92	-0.37	90.51	-0.0166	0.2713	-0.012
494	SLU 74	0.95	-0.48	91.92	-0.0173	0.2716	-0.0117
494	SLU 75	0.94	-0.42	91.93	-0.0171	0.2736	-0.012
494	SLU 76	0.93	-0.38	91.39	-0.017	0.2722	-0.0122
494	SLU 77	0.96	-0.49	92.8	-0.0176	0.2725	-0.0119
494	SLU 78	0.95	-0.43	92.81	-0.0175	0.2746	-0.0121
494	SLU 79	0.95	-0.5	92.25	-0.0176	0.2697	-0.0119
494	SLU 80	0.95	-0.44	92.26	-0.0175	0.2718	-0.0121
494	SLU 81	0.95	-0.46	93.61	-0.0168	0.2798	-0.0119
494	SLU 82	0.94	-0.4	93.62	-0.0167	0.2819	-0.0121
494	SLU 83	0.96	-0.47	94.49	-0.0172	0.2808	-0.012
494	SLU 84	0.95	-0.41	94.5	-0.017	0.2828	-0.0123
494	SLE RA 1	0.67	-0.4	62.46	-0.0132	0.1829	-0.0085
494	SLE RA 2	0.67	-0.34	62.47	-0.013	0.1852	-0.0088
494	SLE RA 3	0.68	-0.41	63.41	-0.0134	0.1854	-0.0086
494	SLE RA 4	0.68	-0.37	63.42	-0.0133	0.1868	-0.0087
494	SLE RA 5	0.67	-0.34	63.06	-0.0133	0.1858	-0.0089
494	SLE RA 6	0.69	-0.42	64	-0.0137	0.186	-0.0087
494	SLE RA 7	0.69	-0.38	64.01	-0.0136	0.1874	-0.0088
494	SLE RA 8	0.69	-0.42	63.63	-0.0137	0.1842	-0.0087
494	SLE RA 9	0.68	-0.38	63.64	-0.0136	0.1855	-0.0089
494	SLE RA 10	0.69	-0.31	67.33	-0.0129	0.2038	-0.0092
494	SLE RA 11	0.71	-0.39	68.27	-0.0133	0.204	-0.009
494	SLE RA 12	0.71	-0.35	68.28	-0.0132	0.2054	-0.0092
494	SLE RA 13	0.7	-0.32	67.92	-0.0131	0.2045	-0.0093
494	SLE RA 14	0.72	-0.39	68.86	-0.0136	0.2046	-0.0091
494	SLE RA 15	0.71	-0.35	68.86	-0.0135	0.206	-0.0093
494	SLE RA 16	0.71	-0.4	68.49	-0.0135	0.2028	-0.0091
494	SLE RA 17	0.71	-0.36	68.5	-0.0135	0.2042	-0.0093
494	SLE RA 18	0.71	-0.37	69.4	-0.013	0.2095	-0.0091
494	SLE RA 19	0.71	-0.33	69.41	-0.0129	0.2109	-0.0093
494	SLE RA 20	0.72	-0.38	69.98	-0.0132	0.2102	-0.0092
494	SLE RA 21	0.71	-0.34	69.99	-0.0132	0.2115	-0.0094
494	SLE FR 1	0.67	-0.4	62.46	-0.0132	0.1829	-0.0085
494	SLE FR 2	0.67	-0.39	62.46	-0.0131	0.1834	-0.0086
494	SLE FR 3	0.67	-0.41	62.69	-0.0133	0.1832	-0.0085
494	SLE FR 4	0.68	-0.38	64.54	-0.0131	0.1914	-0.0087
494	SLE FR 5	0.69	-0.4	64.77	-0.0132	0.1911	-0.0087
494	SLE FR 6	0.69	-0.39	65.93	-0.0131	0.1962	-0.0088
494	SLE QP 1	0.67	-0.4	62.46	-0.0132	0.1829	-0.0085
494	SLE QP 2	0.68	-0.39	64.54	-0.0131	0.1909	-0.0087
494	SLD 1	5.67	0.79	60.03	-0.0133	0.2305	0.0166
494	SLD 2	5.83	1.19	60.11	-0.0153	0.2237	0.028
494	SLD 3	5.62	-0.9	59.87	-0.0072	0.2696	0.0146
494	SLD 4	5.77	-0.5	59.96	-0.0092	0.2628	0.0259
494	SLD 5	2.24	2.45	63.4	-0.022	0.1447	0
494	SLD 6	2.34	2.72	63.46	-0.0233	0.1402	0.0075
494	SLD 7	2.05	-3.18	62.89	-0.0018	0.275	-0.0069
494	SLD 8	2.15	-2.92	62.95	-0.0031	0.2706	0.0006
494	SLD 9	-0.79	2.13	66.13	-0.0231	0.1112	-0.018
494	SLD 10	-0.68	2.4	66.19	-0.0244	0.1068	-0.0105
494	SLD 11	-0.97	-3.5	65.62	-0.003	0.2416	-0.0248
494	SLD 12	-0.87	-3.24	65.68	-0.0043	0.2371	-0.0174
494	SLD 13	-4.41	-0.28	69.12	-0.017	0.119	-0.0433
494	SLD 14	-4.25	0.12	69.21	-0.019	0.1122	-0.0319



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
494	SLD 15	-4.46	-1.97	68.97	-0.011	0.1581	-0.0454
494	SLD 16	-4.31	-1.57	69.05	-0.013	0.1513	-0.034
494	SLV 1	12.36	2.31	53.97	-0.0133	0.2842	0.0505
494	SLV 2	12.72	3.24	54.18	-0.0179	0.2684	0.077
494	SLV 3	12.23	-1.52	53.62	0.0004	0.373	0.0458
494	SLV 4	12.59	-0.59	53.82	-0.0042	0.3571	0.0723
494	SLV 5	4.32	6.07	61.87	-0.0332	0.0871	0.0116
494	SLV 6	4.55	6.67	62	-0.0362	0.0768	0.0287
494	SLV 7	3.89	-6.71	60.69	0.0126	0.3829	-0.004
494	SLV 8	4.12	-6.1	60.83	0.0096	0.3726	0.0131
494	SLV 9	-2.76	5.32	68.25	-0.0358	0.0092	-0.0305
494	SLV 10	-2.52	5.92	68.39	-0.0388	-0.0011	-0.0134
494	SLV 11	-3.18	-7.46	67.08	0.0099	0.305	-0.0461
494	SLV 12	-2.95	-6.85	67.21	0.0069	0.2947	-0.0289
494	SLV 13	-11.23	-0.2	75.26	-0.022	0.0247	-0.0897
494	SLV 14	-10.86	0.74	75.46	-0.0267	0.0088	-0.0632
494	SLV 15	-11.35	-4.03	74.9	-0.0083	0.1134	-0.0944
494	SLV 16	-10.99	-3.09	75.11	-0.013	0.0976	-0.0679
494	CRTFP Ux+	0	0	0	0	0	0
494	CRTFP Ux-	0	0	0	0	0	0
494	CRTFP Uy+	0	0	0	0	0	0
494	CRTFP Uy-	0	0	0	0	0	0
495	SLU 1	0.71	0.37	39.57	0.0524	10.5149	-0.1303
495	SLU 2	0.69	0.48	39.55	0.0528	10.5115	-0.1695
495	SLU 3	0.72	0.72	40.52	0.0537	10.7579	-0.1317
495	SLU 4	0.72	0.44	40.51	0.0539	10.7559	-0.1552
495	SLU 5	0.7	0.48	40.14	0.0536	10.6615	-0.169
495	SLU 6	0.74	0.37	41.11	0.0545	10.9079	-0.1311
495	SLU 7	0.73	0.44	41.1	0.0547	10.9059	-0.1547
495	SLU 8	0.73	0.36	40.75	0.054	10.8149	-0.1292
495	SLU 9	0.72	0.43	40.74	0.0542	10.8129	-0.1527
495	SLU 10	0.73	0.59	44.08	0.0599	11.7099	-0.2096
495	SLU 11	0.77	0.48	45.06	0.0608	11.9563	-0.1718
495	SLU 12	0.76	0.55	45.04	0.061	11.9543	-0.1953
495	SLU 13	0.75	0.59	44.67	0.0607	11.8599	-0.2091
495	SLU 14	0.78	0.48	45.64	0.0616	12.1063	-0.1712
495	SLU 15	0.77	0.55	45.63	0.0618	12.1043	-0.1948
495	SLU 16	0.77	0.48	45.28	0.061	12.0133	-0.1693
495	SLU 17	0.76	0.54	45.27	0.0613	12.0112	-0.1928
495	SLU 18	0.77	0.53	46.05	0.0625	12.2268	-0.1876
495	SLU 19	0.76	0.6	46.03	0.0627	12.2248	-0.2111
495	SLU 20	0.78	0.53	46.64	0.0633	12.3768	-0.187
495	SLU 21	0.77	0.6	46.62	0.0635	12.3748	-0.2106
495	SLU 22	0.77	0.47	44.09	0.0595	11.7045	-0.1648
495	SLU 23	0.76	0.58	44.07	0.0599	11.7012	-0.2041
495	SLU 24	0.79	0.47	45.04	0.0608	11.9476	-0.1662
495	SLU 25	0.78	0.54	45.03	0.0611	11.9455	-0.1898
495	SLU 26	0.77	0.58	44.66	0.0607	11.8512	-0.2035
495	SLU 27	0.8	0.47	45.63	0.0616	12.0976	-0.1657
495	SLU 28	0.79	0.53	45.62	0.0618	12.0955	-0.1892
495	SLU 29	0.79	0.46	45.27	0.0611	12.0045	-0.1637
495	SLU 30	0.78	0.53	45.26	0.0613	12.0025	-0.1873
495	SLU 31	0.8	0.69	48.6	0.067	12.8995	-0.2442
495	SLU 32	0.83	0.58	49.58	0.0679	13.1459	-0.2063
495	SLU 33	0.82	0.65	49.56	0.0681	13.1439	-0.2299
495	SLU 34	0.81	0.69	49.19	0.0678	13.0495	-0.2436
495	SLU 35	0.84	0.58	50.16	0.0687	13.2959	-0.2058
495	SLU 36	0.83	0.65	50.15	0.0689	13.2939	-0.2293
495	SLU 37	0.83	0.58	49.8	0.0681	13.2029	-0.2038
495	SLU 38	0.83	0.64	49.79	0.0684	13.2009	-0.2274
495	SLU 39	0.83	0.63	50.57	0.0696	13.4165	-0.2221
495	SLU 40	0.82	0.7	50.55	0.0698	13.4145	-0.2457
495	SLU 41	0.84	0.63	51.16	0.0704	13.5665	-0.2216
495	SLU 42	0.83	0.69	51.14	0.0706	13.5645	-0.2451
495	SLU 43	0.89	0.44	49.9	0.0657	13.2615	-0.1575
495	SLU 44	0.88	0.55	49.87	0.0661	13.2581	-0.1968
495	SLU 45	0.91	0.45	50.85	0.067	13.5045	-0.1589
495	SLU 46	0.91	0.51	50.83	0.0672	13.5025	-0.1825
495	SLU 47	0.89	0.55	50.46	0.0669	13.4081	-0.1962
495	SLU 48	0.92	0.45	51.43	0.0678	13.6545	-0.1583
495	SLU 49	0.92	0.51	51.42	0.068	13.6525	-0.1819
495	SLU 50	0.92	0.44	51.07	0.0672	13.5615	-0.1564
495	SLU 51	0.91	0.51	51.06	0.0675	13.5595	-0.18
495	SLU 52	0.92	0.67	54.4	0.0732	14.4565	-0.2369
495	SLU 53	0.96	0.56	55.38	0.074	14.7029	-0.199
495	SLU 54	0.95	0.63	55.36	0.0743	14.7009	-0.2226
495	SLU 55	0.94	0.67	54.99	0.0739	14.6065	-0.2363
495	SLU 56	0.97	0.56	55.97	0.0748	14.8529	-0.1984
495	SLU 57	0.96	0.63	55.95	0.0751	14.8509	-0.222
495	SLU 58	0.96	0.55	55.61	0.0743	14.7598	-0.1965
495	SLU 59	0.95	0.62	55.59	0.0746	14.7578	-0.2201
495	SLU 60	0.96	0.61	56.37	0.0758	14.9734	-0.2148
495	SLU 61	0.95	0.67	56.35	0.076	14.9714	-0.2384
495	SLU 62	0.97	0.6	56.96	0.0765	15.1234	-0.2142
495	SLU 63	0.96	0.67	56.94	0.0768	15.1214	-0.2378
495	SLU 64	0.96	0.54	54.42	0.0728	14.4511	-0.1921
495	SLU 65	0.95	0.65	54.39	0.0732	14.4478	-0.2313
495	SLU 66	0.98	0.55	55.37	0.0741	14.6942	-0.1935
495	SLU 67	0.97	0.61	55.35	0.0743	14.6921	-0.217



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
495	SLU 68	0.96	0.65	54.98	0.074	14.5978	-0.2308
495	SLU 69	0.99	0.54	55.96	0.0749	14.8442	-0.1929
495	SLU 70	0.98	0.61	55.94	0.0751	14.8421	-0.2165
495	SLU 71	0.98	0.54	55.59	0.0743	14.7511	-0.191
495	SLU 72	0.97	0.61	55.58	0.0746	14.7491	-0.2145
495	SLU 73	0.99	0.77	58.92	0.0803	15.6461	-0.2714
495	SLU 74	1.02	0.66	59.9	0.0811	15.8925	-0.2336
495	SLU 75	1.01	0.73	59.88	0.0814	15.8905	-0.2571
495	SLU 76	1	0.77	59.51	0.081	15.7961	-0.2709
495	SLU 77	1.03	0.66	60.49	0.0819	16.0425	-0.233
495	SLU 78	1.02	0.72	60.47	0.0822	16.0405	-0.2566
495	SLU 79	1.02	0.65	60.13	0.0814	15.9495	-0.2311
495	SLU 80	1.02	0.72	60.11	0.0817	15.9475	-0.2546
495	SLU 81	1.02	0.7	60.89	0.0829	16.1631	-0.2494
495	SLU 82	1.01	0.77	60.87	0.0831	16.1611	-0.2729
495	SLU 83	1.03	0.7	61.48	0.0836	16.3131	-0.2488
495	SLU 84	1.02	0.77	61.46	0.0839	16.3111	-0.2724
495	SLE RA 1	0.72	0.39	40.87	0.0544	10.8548	-0.1402
495	SLE RA 2	0.72	0.47	40.85	0.0547	10.8525	-0.1663
495	SLE RA 3	0.74	0.4	41.5	0.0553	11.0168	-0.1411
495	SLE RA 4	0.73	0.44	41.49	0.0555	11.0155	-0.1568
495	SLE RA 5	0.72	0.47	41.24	0.0552	10.9525	-0.166
495	SLE RA 6	0.74	0.4	41.89	0.0558	11.1168	-0.1407
495	SLE RA 7	0.74	0.44	41.88	0.056	11.1155	-0.1564
495	SLE RA 8	0.74	0.39	41.65	0.0555	11.0548	-0.1394
495	SLE RA 9	0.73	0.44	41.64	0.0556	11.0534	-0.1551
495	SLE RA 10	0.74	0.55	43.87	0.0594	11.6515	-0.1931
495	SLE RA 11	0.76	0.47	44.52	0.06	11.8157	-0.1678
495	SLE RA 12	0.76	0.52	44.51	0.0602	11.8144	-0.1835
495	SLE RA 13	0.75	0.54	44.26	0.0599	11.7515	-0.1927
495	SLE RA 14	0.77	0.47	44.91	0.0605	11.9157	-0.1674
495	SLE RA 15	0.77	0.52	44.9	0.0607	11.9144	-0.1831
495	SLE RA 16	0.77	0.47	44.67	0.0602	11.8537	-0.1661
495	SLE RA 17	0.76	0.51	44.66	0.0603	11.8524	-0.1819
495	SLE RA 18	0.76	0.5	45.18	0.0611	11.9961	-0.1783
495	SLE RA 19	0.76	0.55	45.17	0.0613	11.9947	-0.194
495	SLE RA 20	0.77	0.5	45.57	0.0617	12.0961	-0.178
495	SLE RA 21	0.77	0.55	45.56	0.0618	12.0947	-0.1937
495	SLE FR 1	0.72	0.39	40.87	0.0544	10.8548	-0.1402
495	SLE FR 2	0.72	0.41	40.86	0.0545	10.8543	-0.1454
495	SLE FR 3	0.73	0.39	41.02	0.0546	10.8948	-0.14
495	SLE FR 4	0.73	0.44	42.16	0.0565	11.1967	-0.1568
495	SLE FR 5	0.74	0.43	42.32	0.0566	11.2372	-0.1515
495	SLE FR 6	0.74	0.45	43.02	0.0578	11.4254	-0.1592
495	SLE QP 1	0.72	0.39	40.87	0.0544	10.8548	-0.1402
495	SLE QP 2	0.74	0.43	42.16	0.0564	11.1972	-0.1516
495	SLD 1	3.68	1.02	30.96	0.0414	8.4555	-0.3581
495	SLD 2	3.78	1.65	31.1	0.04	8.4631	-0.5793
495	SLD 3	3.59	-0.42	30.79	0.0435	8.4877	0.1447
495	SLD 4	3.7	0.21	30.92	0.0422	8.4952	-0.0765
495	SLD 5	1.73	2.67	39.04	0.0489	10.3245	-0.9365
495	SLD 6	1.8	3.09	39.13	0.048	10.3295	-1.0821
495	SLD 7	1.45	-2.12	38.47	0.0561	10.4318	0.7395
495	SLD 8	1.51	-1.7	38.55	0.0552	10.4367	0.5939
495	SLD 9	-0.04	2.56	45.77	0.0576	11.9576	-0.8971
495	SLD 10	0.03	2.98	45.85	0.0568	11.9626	-1.0427
495	SLD 11	-0.33	-2.23	45.2	0.0649	12.0648	0.7789
495	SLD 12	-0.26	-1.82	45.28	0.064	12.0698	0.6333
495	SLD 13	-2.22	0.64	53.4	0.0706	13.8991	-0.2267
495	SLD 14	-2.12	1.28	53.53	0.0693	13.9067	-0.4479
495	SLD 15	-2.31	-0.8	53.22	0.0728	13.9313	0.2761
495	SLD 16	-2.21	-0.16	53.36	0.0715	13.9388	0.0549
495	SLV 1	7.62	1.76	15.95	0.0213	4.7802	-0.618
495	SLV 2	7.86	3.24	16.26	0.0182	4.7979	-1.1329
495	SLV 3	7.43	-1.5	15.55	0.0262	4.8543	0.5218
495	SLV 4	7.66	-0.02	15.86	0.0231	4.8719	0.0068
495	SLV 5	3.06	5.51	34.84	0.039	9.1567	-1.9308
495	SLV 6	3.21	6.47	35.04	0.0369	9.1681	-2.264
495	SLV 7	2.41	-5.35	33.52	0.0554	9.4036	1.8684
495	SLV 8	2.56	-4.39	33.72	0.0533	9.415	1.5352
495	SLV 9	-1.09	5.25	50.6	0.0595	12.9794	-1.8384
495	SLV 10	-0.93	6.2	50.8	0.0575	12.9908	-2.1717
495	SLV 11	-1.74	-5.61	49.28	0.0759	13.2262	1.9608
495	SLV 12	-1.58	-4.66	49.48	0.0739	13.2376	1.6276
495	SLV 13	-6.19	0.88	68.46	0.0898	17.5224	-0.3101
495	SLV 14	-5.96	2.36	68.77	0.0867	17.5401	-0.825
495	SLV 15	-6.39	-2.38	68.06	0.0947	17.5965	0.8297
495	SLV 16	-6.15	-0.9	68.37	0.0916	17.6141	0.3147
495	CRTFP Ux+	0	0	0	0	0	0
495	CRTFP Ux-	0	0	0	0	0	0
495	CRTFP Uy+	0	0	0	0	0	0
495	CRTFP Uy-	0	0	0	0	0	0
500	SLU 1	0	-0.15	32.91	-0.0104	11.0071	0.0523
500	SLU 2	0	-0.11	32.94	-0.0105	11.0179	0.0381
500	SLU 3	0	-0.15	33.69	-0.0106	11.2655	0.0501
500	SLU 4	0	-0.12	33.71	-0.0107	11.272	0.0416
500	SLU 5	0	-0.11	33.41	-0.0107	11.1743	0.0387
500	SLU 6	0	-0.15	34.17	-0.0107	11.422	0.0506
500	SLU 7	0	-0.12	34.19	-0.0108	11.4284	0.0421



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
500	SLU 8	0	-0.16	33.86	-0.0106	11.3199	0.0533
500	SLU 9	0	-0.13	33.88	-0.0107	11.3264	0.0448
500	SLU 10	0.01	-0.08	37.25	-0.0116	12.4661	0.0271
500	SLU 11	0.01	-0.12	38	-0.0117	12.7138	0.039
500	SLU 12	0.01	-0.09	38.02	-0.0118	12.7202	0.0306
500	SLU 13	0.01	-0.08	37.72	-0.0118	12.6225	0.0276
500	SLU 14	0.01	-0.12	38.47	-0.0118	12.8702	0.0396
500	SLU 15	0.01	-0.09	38.49	-0.0119	12.8767	0.0311
500	SLU 16	0.01	-0.13	38.16	-0.0118	12.7682	0.0423
500	SLU 17	0.01	-0.1	38.18	-0.0119	12.7746	0.0338
500	SLU 18	0.02	-0.11	39.06	-0.012	13.076	0.0365
500	SLU 19	0.02	-0.08	39.08	-0.0121	13.0825	0.028
500	SLU 20	0.02	-0.11	39.53	-0.0121	13.2324	0.037
500	SLU 21	0.02	-0.09	39.55	-0.0122	13.2389	0.0285
500	SLU 22	0	-0.09	36.62	-0.0108	12.2345	0.0285
500	SLU 23	0	-0.05	36.65	-0.011	12.2453	0.0143
500	SLU 24	0	-0.08	37.4	-0.0111	12.4929	0.0263
500	SLU 25	0	-0.06	37.42	-0.0112	12.4994	0.0178
500	SLU 26	0	-0.05	37.12	-0.0111	12.4017	0.0149
500	SLU 27	0	-0.08	37.87	-0.0112	12.6493	0.0268
500	SLU 28	0	-0.06	37.89	-0.0113	12.6558	0.0183
500	SLU 29	0	-0.09	37.56	-0.0111	12.5473	0.0295
500	SLU 30	0	-0.06	37.58	-0.0112	12.5538	0.021
500	SLU 31	0.01	-0.01	40.95	-0.0121	13.6935	0.0033
500	SLU 32	0.02	-0.05	41.7	-0.0122	13.9411	0.0152
500	SLU 33	0.02	-0.02	41.72	-0.0123	13.9476	0.0068
500	SLU 34	0.02	-0.02	41.42	-0.0123	13.8499	0.0038
500	SLU 35	0.02	-0.05	42.18	-0.0123	14.0975	0.0158
500	SLU 36	0.02	-0.03	42.19	-0.0124	14.104	0.0073
500	SLU 37	0.02	-0.06	41.87	-0.0123	13.9955	0.0184
500	SLU 38	0.02	-0.03	41.88	-0.0124	14.002	0.01
500	SLU 39	0.02	-0.04	42.76	-0.0125	14.3033	0.0127
500	SLU 40	0.02	-0.02	42.78	-0.0126	14.3098	0.0042
500	SLU 41	0.02	-0.04	43.24	-0.0126	14.4598	0.0132
500	SLU 42	0.02	-0.02	43.26	-0.0127	14.4662	0.0047
500	SLU 43	0	-0.22	41.51	-0.0133	13.8884	0.0761
500	SLU 44	0	-0.18	41.54	-0.0134	13.8992	0.062
500	SLU 45	0	-0.22	42.3	-0.0135	14.1469	0.0739
500	SLU 46	0	-0.19	42.32	-0.0136	14.1533	0.0655
500	SLU 47	0	-0.18	42.02	-0.0136	14.0556	0.0625
500	SLU 48	0	-0.22	42.77	-0.0136	14.3033	0.0745
500	SLU 49	0	-0.19	42.79	-0.0137	14.3098	0.066
500	SLU 50	0	-0.23	42.46	-0.0136	14.2013	0.0772
500	SLU 51	0	-0.2	42.48	-0.0137	14.2077	0.0687
500	SLU 52	0.01	-0.15	45.85	-0.0146	15.3474	0.0509
500	SLU 53	0.01	-0.19	46.6	-0.0146	15.5951	0.0629
500	SLU 54	0.01	-0.16	46.62	-0.0147	15.6016	0.0544
500	SLU 55	0.01	-0.15	46.32	-0.0147	15.5039	0.0514
500	SLU 56	0.01	-0.19	47.07	-0.0148	15.7515	0.0634
500	SLU 57	0.01	-0.16	47.09	-0.0149	15.758	0.0549
500	SLU 58	0.01	-0.19	46.76	-0.0147	15.6495	0.0661
500	SLU 59	0.01	-0.17	46.78	-0.0148	15.656	0.0576
500	SLU 60	0.02	-0.18	47.66	-0.0149	15.9573	0.0603
500	SLU 61	0.01	-0.15	47.68	-0.015	15.9638	0.0518
500	SLU 62	0.02	-0.18	48.13	-0.015	16.1137	0.0608
500	SLU 63	0.02	-0.16	48.15	-0.0151	16.1202	0.0524
500	SLU 64	0	-0.16	45.22	-0.0138	15.1158	0.0523
500	SLU 65	0	-0.11	45.25	-0.0139	15.1266	0.0382
500	SLU 66	0	-0.15	46	-0.014	15.3742	0.0501
500	SLU 67	0	-0.12	46.02	-0.0141	15.3807	0.0417
500	SLU 68	0	-0.12	45.72	-0.0141	15.283	0.0387
500	SLU 69	0	-0.15	46.48	-0.0141	15.5307	0.0507
500	SLU 70	0	-0.13	46.49	-0.0142	15.5371	0.0422
500	SLU 71	0	-0.16	46.17	-0.0141	15.4286	0.0534
500	SLU 72	0	-0.13	46.18	-0.0142	15.4351	0.0449
500	SLU 73	0.01	-0.08	49.55	-0.0151	16.5748	0.0271
500	SLU 74	0.01	-0.12	50.31	-0.0151	16.8224	0.0391
500	SLU 75	0.01	-0.09	50.32	-0.0152	16.8289	0.0306
500	SLU 76	0.01	-0.08	50.03	-0.0152	16.7312	0.0276
500	SLU 77	0.02	-0.12	50.78	-0.0153	16.9789	0.0396
500	SLU 78	0.01	-0.09	50.8	-0.0154	16.9853	0.0311
500	SLU 79	0.02	-0.13	50.47	-0.0152	16.8768	0.0423
500	SLU 80	0.01	-0.1	50.49	-0.0153	16.8833	0.0338
500	SLU 81	0.02	-0.11	51.37	-0.0154	17.1847	0.0365
500	SLU 82	0.02	-0.09	51.39	-0.0155	17.1911	0.028
500	SLU 83	0.02	-0.11	51.84	-0.0155	17.3411	0.037
500	SLU 84	0.02	-0.09	51.86	-0.0156	17.3476	0.0286
500	SLE RA 1	0	-0.13	33.97	-0.0105	11.3578	0.0455
500	SLE RA 2	0	-0.11	33.99	-0.0106	11.365	0.0361
500	SLE RA 3	0	-0.13	34.49	-0.0106	11.5301	0.044
500	SLE RA 4	0	-0.11	34.5	-0.0107	11.5344	0.0384
500	SLE RA 5	0	-0.11	34.31	-0.0107	11.4693	0.0364
500	SLE RA 6	0	-0.13	34.81	-0.0107	11.6344	0.0444
500	SLE RA 7	0	-0.11	34.82	-0.0108	11.6387	0.0387
500	SLE RA 8	0	-0.14	34.6	-0.0107	11.5663	0.0462
500	SLE RA 9	0	-0.12	34.61	-0.0107	11.5707	0.0405
500	SLE RA 10	0.01	-0.09	36.86	-0.0113	12.3304	0.0287
500	SLE RA 11	0.01	-0.11	37.36	-0.0114	12.4955	0.0367
500	SLE RA 12	0.01	-0.09	37.37	-0.0114	12.4999	0.031



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
500	SLE RA 13	0.01	-0.09	37.17	-0.0114	12.4347	0.029
500	SLE RA 14	0.01	-0.11	37.68	-0.0115	12.5998	0.037
500	SLE RA 15	0.01	-0.09	37.69	-0.0115	12.6041	0.0313
500	SLE RA 16	0.01	-0.12	37.47	-0.0114	12.5318	0.0388
500	SLE RA 17	0.01	-0.1	37.48	-0.0115	12.5361	0.0331
500	SLE RA 18	0.01	-0.1	38.07	-0.0116	12.737	0.0349
500	SLE RA 19	0.01	-0.09	38.08	-0.0116	12.7413	0.0293
500	SLE RA 20	0.01	-0.11	38.38	-0.0117	12.8413	0.0353
500	SLE RA 21	0.01	-0.09	38.4	-0.0117	12.8456	0.0296
500	SLE FR 1	0	-0.13	33.97	-0.0105	11.3578	0.0455
500	SLE FR 2	0	-0.13	33.97	-0.0105	11.3592	0.0436
500	SLE FR 3	0	-0.13	34.1	-0.0105	11.3995	0.0456
500	SLE FR 4	0	-0.12	35.2	-0.0108	11.773	0.0404
500	SLE FR 5	0	-0.13	35.33	-0.0109	11.8133	0.0425
500	SLE FR 6	0.01	-0.12	36.02	-0.011	12.0474	0.0402
500	SLE QP 1	0	-0.13	33.97	-0.0105	11.3578	0.0455
500	SLE QP 2	0	-0.13	35.2	-0.0108	11.7715	0.0423
500	SLD 1	2.48	0.28	34.81	-0.0111	11.5002	-0.0989
500	SLD 2	2.54	0.31	34.82	-0.0113	11.5028	-0.1093
500	SLD 3	2.45	-0.67	35.04	-0.0079	11.5645	0.234
500	SLD 4	2.52	-0.64	35.05	-0.0081	11.5671	0.2236
500	SLD 5	0.77	1.43	34.73	-0.0157	11.5923	-0.5031
500	SLD 6	0.81	1.45	34.75	-0.0159	11.594	-0.51
500	SLD 7	0.69	-1.74	35.49	-0.005	11.8064	0.6066
500	SLD 8	0.74	-1.72	35.5	-0.0052	11.8081	0.5998
500	SLD 9	-0.73	1.47	34.9	-0.0165	11.735	-0.5151
500	SLD 10	-0.69	1.49	34.91	-0.0166	11.7367	-0.522
500	SLD 11	-0.8	-1.7	35.65	-0.0058	11.9491	0.5946
500	SLD 12	-0.76	-1.68	35.66	-0.0059	11.9508	0.5877
500	SLD 13	-2.51	0.39	35.35	-0.0136	11.976	-0.139
500	SLD 14	-2.45	0.42	35.36	-0.0138	11.9786	-0.1494
500	SLD 15	-2.53	-0.56	35.57	-0.0103	12.0403	0.1939
500	SLD 16	-2.47	-0.53	35.59	-0.0105	12.0428	0.1835
500	SLV 1	5.79	0.79	34.29	-0.0113	11.1387	-0.2761
500	SLV 2	5.94	0.86	34.33	-0.0118	11.1447	-0.3004
500	SLV 3	5.74	-1.37	34.81	-0.004	11.2848	0.4785
500	SLV 4	5.89	-1.3	34.85	-0.0045	11.2908	0.4542
500	SLV 5	1.79	3.41	34.14	-0.0219	11.3591	-1.1935
500	SLV 6	1.89	3.45	34.17	-0.0222	11.363	-1.2092
500	SLV 7	1.62	-3.78	35.86	0.0023	11.846	1.3219
500	SLV 8	1.72	-3.74	35.88	0.002	11.8499	1.3062
500	SLV 9	-1.71	3.49	34.52	-0.0237	11.6932	-1.2215
500	SLV 10	-1.61	3.53	34.54	-0.024	11.6971	-1.2372
500	SLV 11	-1.88	-3.7	36.23	0.0006	12.1801	1.2938
500	SLV 12	-1.78	-3.66	36.26	0.0003	12.1839	1.2781
500	SLV 13	-5.88	1.05	35.55	-0.0171	12.2523	-0.3696
500	SLV 14	-5.73	1.12	35.59	-0.0176	12.2583	-0.3938
500	SLV 15	-5.93	-1.11	36.07	-0.0098	12.3983	0.385
500	SLV 16	-5.78	-1.04	36.11	-0.0103	12.4044	0.3608
500	CRTFP Ux+	0	0	0	0	0	0
500	CRTFP Ux-	0	0	0	0	0	0
500	CRTFP Uy+	0	0	0	0	0	0
500	CRTFP Uy-	0	0	0	0	0	0
504	SLU 1	-0.73	0.47	36.36	0.0403	-7.2178	0.119
504	SLU 2	-0.73	0.57	36.34	0.0407	-7.219	0.1448
504	SLU 3	-0.75	0.49	37.23	0.0413	-7.3863	0.1227
504	SLU 4	-0.75	0.55	37.22	0.0416	-7.387	0.1382
504	SLU 5	-0.74	0.58	36.88	0.0413	-7.3223	0.1475
504	SLU 6	-0.77	0.5	37.76	0.0419	-7.4896	0.1254
504	SLU 7	-0.76	0.56	37.76	0.0422	-7.4903	0.1409
504	SLU 8	-0.76	0.49	37.43	0.0415	-7.4243	0.1244
504	SLU 9	-0.76	0.55	37.42	0.0417	-7.4251	0.1399
504	SLU 10	-0.77	0.68	40.53	0.0462	-8.0538	0.1719
504	SLU 11	-0.79	0.59	41.41	0.0469	-8.2211	0.1498
504	SLU 12	-0.79	0.66	41.4	0.0471	-8.2218	0.1653
504	SLU 13	-0.78	0.69	41.07	0.0468	-8.1571	0.1746
504	SLU 14	-0.8	0.6	41.95	0.0475	-8.3244	0.1525
504	SLU 15	-0.8	0.67	41.94	0.0477	-8.3251	0.168
504	SLU 16	-0.8	0.6	41.62	0.047	-8.2591	0.1515
504	SLU 17	-0.8	0.66	41.61	0.0473	-8.2599	0.167
504	SLU 18	-0.79	0.63	42.34	0.0482	-8.4104	0.1577
504	SLU 19	-0.79	0.69	42.33	0.0484	-8.4111	0.1732
504	SLU 20	-0.8	0.64	42.87	0.0488	-8.5137	0.1604
504	SLU 21	-0.8	0.7	42.86	0.0491	-8.5144	0.1759
504	SLU 22	-0.8	0.57	40.56	0.0459	-8.0506	0.1437
504	SLU 23	-0.79	0.67	40.55	0.0463	-8.0518	0.1695
504	SLU 24	-0.81	0.58	41.43	0.047	-8.219	0.1474
504	SLU 25	-0.81	0.65	41.42	0.0472	-8.2198	0.1629
504	SLU 26	-0.81	0.68	41.08	0.0469	-8.155	0.1723
504	SLU 27	-0.83	0.6	41.97	0.0476	-8.3223	0.1501
504	SLU 28	-0.83	0.66	41.96	0.0478	-8.323	0.1657
504	SLU 29	-0.82	0.59	41.63	0.0471	-8.2571	0.1491
504	SLU 30	-0.82	0.65	41.63	0.0474	-8.2578	0.1646
504	SLU 31	-0.83	0.78	44.73	0.0519	-8.8866	0.1966
504	SLU 32	-0.85	0.69	45.62	0.0525	-9.0538	0.1745
504	SLU 33	-0.85	0.75	45.61	0.0527	-9.0546	0.19
504	SLU 34	-0.84	0.79	45.27	0.0525	-8.9898	0.1993
504	SLU 35	-0.87	0.7	46.15	0.0531	-9.1771	0.1772
504	SLU 36	-0.86	0.77	46.14	0.0533	-9.1578	0.1928



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
504	SLU 37	-0.86	0.7	45.82	0.0527	-9.0919	0.1762
504	SLU 38	-0.86	0.76	45.81	0.0529	-9.0926	0.1917
504	SLU 39	-0.85	0.72	46.54	0.0538	-9.2431	0.1824
504	SLU 40	-0.85	0.79	46.53	0.0541	-9.2438	0.1979
504	SLU 41	-0.86	0.74	47.08	0.0544	-9.3464	0.1851
504	SLU 42	-0.86	0.8	47.07	0.0547	-9.3471	0.2006
504	SLU 43	-0.93	0.58	45.82	0.0504	-9.0977	0.1462
504	SLU 44	-0.93	0.68	45.81	0.0509	-9.0989	0.172
504	SLU 45	-0.95	0.59	46.69	0.0515	-9.2662	0.1499
504	SLU 46	-0.95	0.65	46.69	0.0517	-9.2669	0.1654
504	SLU 47	-0.94	0.69	46.35	0.0515	-9.2021	0.1747
504	SLU 48	-0.96	0.6	47.23	0.0521	-9.3694	0.1526
504	SLU 49	-0.96	0.67	47.22	0.0523	-9.3701	0.1681
504	SLU 50	-0.96	0.6	46.9	0.0517	-9.3042	0.1516
504	SLU 51	-0.96	0.66	46.89	0.0519	-9.3049	0.1671
504	SLU 52	-0.97	0.79	50	0.0564	-9.9337	0.1991
504	SLU 53	-0.99	0.7	50.88	0.057	-10.101	0.177
504	SLU 54	-0.99	0.76	50.87	0.0573	-10.1017	0.1925
504	SLU 55	-0.98	0.8	50.53	0.057	-10.0369	0.2018
504	SLU 56	-1	0.71	51.42	0.0576	-10.2042	0.1797
504	SLU 57	-1	0.77	51.41	0.0579	-10.2049	0.1952
504	SLU 58	-1	0.71	51.08	0.0572	-10.139	0.1787
504	SLU 59	-1	0.77	51.07	0.0574	-10.1397	0.1942
504	SLU 60	-0.99	0.73	51.8	0.0584	-10.2902	0.1849
504	SLU 61	-0.99	0.79	51.79	0.0586	-10.291	0.2004
504	SLU 62	-1	0.74	52.34	0.059	-10.3935	0.1876
504	SLU 63	-1	0.81	52.33	0.0592	-10.3942	0.2031
504	SLU 64	-0.99	0.68	50.03	0.0561	-9.9304	0.1709
504	SLU 65	-0.99	0.78	50.01	0.0565	-9.9316	0.1967
504	SLU 66	-1.01	0.69	50.9	0.0571	-10.0989	0.1746
504	SLU 67	-1.01	0.75	50.89	0.0574	-10.0996	0.1902
504	SLU 68	-1	0.79	50.55	0.0571	-10.0349	0.1995
504	SLU 69	-1.03	0.7	51.43	0.0577	-10.2021	0.1774
504	SLU 70	-1.02	0.76	51.43	0.058	-10.2029	0.1929
504	SLU 71	-1.02	0.7	51.1	0.0573	-10.1369	0.1763
504	SLU 72	-1.02	0.76	51.09	0.0575	-10.1376	0.1918
504	SLU 73	-1.03	0.89	54.2	0.062	-10.7664	0.2238
504	SLU 74	-1.05	0.8	55.08	0.0627	-10.9337	0.2017
504	SLU 75	-1.05	0.86	55.07	0.0629	-10.9344	0.2172
504	SLU 76	-1.04	0.9	54.74	0.0626	-10.8697	0.2266
504	SLU 77	-1.07	0.81	55.62	0.0633	-11.0369	0.2044
504	SLU 78	-1.06	0.87	55.61	0.0635	-11.0377	0.22
504	SLU 79	-1.06	0.81	55.29	0.0628	-10.9717	0.2034
504	SLU 80	-1.06	0.87	55.28	0.0631	-10.9724	0.2189
504	SLU 81	-1.05	0.83	56.01	0.064	-11.123	0.2096
504	SLU 82	-1.05	0.89	56	0.0642	-11.1237	0.2251
504	SLU 83	-1.06	0.84	56.54	0.0646	-11.2262	0.2123
504	SLU 84	-1.06	0.9	56.53	0.0648	-11.227	0.2278
504	SLE RA 1	-0.75	0.5	37.56	0.0419	-7.4557	0.126
504	SLE RA 2	-0.75	0.57	37.55	0.0422	-7.4565	0.1433
504	SLE RA 3	-0.76	0.51	38.14	0.0426	-7.5681	0.1285
504	SLE RA 4	-0.76	0.55	38.13	0.0428	-7.5686	0.1389
504	SLE RA 5	-0.76	0.57	37.91	0.0426	-7.5254	0.1451
504	SLE RA 6	-0.77	0.52	38.5	0.043	-7.6369	0.1303
504	SLE RA 7	-0.77	0.56	38.49	0.0432	-7.6374	0.1407
504	SLE RA 8	-0.77	0.51	38.27	0.0427	-7.5934	0.1296
504	SLE RA 9	-0.77	0.55	38.27	0.0429	-7.5939	0.14
504	SLE RA 10	-0.77	0.64	40.34	0.0459	-8.0131	0.1613
504	SLE RA 11	-0.79	0.58	40.93	0.0463	-8.1246	0.1466
504	SLE RA 12	-0.79	0.62	40.92	0.0464	-8.1251	0.1569
504	SLE RA 13	-0.78	0.65	40.7	0.0463	-8.0819	0.1631
504	SLE RA 14	-0.8	0.59	41.29	0.0467	-8.1934	0.1484
504	SLE RA 15	-0.8	0.63	41.28	0.0469	-8.1939	0.1587
504	SLE RA 16	-0.79	0.59	41.06	0.0464	-8.15	0.1477
504	SLE RA 17	-0.79	0.63	41.06	0.0466	-8.1504	0.158
504	SLE RA 18	-0.79	0.6	41.55	0.0472	-8.2508	0.1518
504	SLE RA 19	-0.79	0.64	41.54	0.0473	-8.2513	0.1622
504	SLE RA 20	-0.8	0.61	41.9	0.0476	-8.3196	0.1536
504	SLE RA 21	-0.8	0.65	41.9	0.0477	-8.3201	0.164
504	SLE FR 1	-0.75	0.5	37.56	0.0419	-7.4557	0.126
504	SLE FR 2	-0.75	0.51	37.56	0.0419	-7.4559	0.1295
504	SLE FR 3	-0.75	0.5	37.7	0.0421	-7.4833	0.1267
504	SLE FR 4	-0.76	0.54	38.75	0.0435	-7.6944	0.1372
504	SLE FR 5	-0.77	0.53	38.9	0.0436	-7.7218	0.1345
504	SLE FR 6	-0.77	0.55	39.55	0.0445	-7.8533	0.1389
504	SLE QP 1	-0.75	0.5	37.56	0.0419	-7.4557	0.126
504	SLE QP 2	-0.76	0.53	38.76	0.0435	-7.6943	0.1338
504	SLD 1	1.61	1.17	49.39	0.0542	-9.6316	0.2924
504	SLD 2	1.68	0.63	49.33	0.0554	-9.6334	0.158
504	SLD 3	1.69	-0.14	49.2	0.0557	-9.6672	-0.0352
504	SLD 4	1.75	-0.69	49.13	0.0568	-9.6689	-0.1696
504	SLD 5	-0.17	2.81	42.25	0.0443	-8.2212	0.7024
504	SLD 6	-0.13	2.45	42.21	0.0451	-8.2224	0.6139
504	SLD 7	0.07	-1.57	41.61	0.0491	-8.3398	-0.3898
504	SLD 8	0.12	-1.92	41.56	0.0498	-8.3409	-0.4783
504	SLD 9	-1.64	2.98	35.95	0.0371	-7.0476	0.7458
504	SLD 10	-1.6	2.63	35.9	0.0379	-7.0487	0.6573
504	SLD 11	-1.39	-1.39	35.3	0.0419	-7.1662	-0.3464
504	SLD 12	-1.35	-1.75	35.26	0.0426	-7.1673	-0.4349



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
504	SLD 13	-3.27	1.75	28.38	0.0301	-5.7196	0.4371
504	SLD 14	-3.21	1.2	28.31	0.0313	-5.7213	0.3027
504	SLD 15	-3.2	0.43	28.18	0.0316	-5.7552	0.1095
504	SLD 16	-3.14	-0.11	28.12	0.0327	-5.7569	-0.0249
504	SLV 1	4.8	1.97	63.66	0.0687	-12.229	0.4916
504	SLV 2	4.94	0.71	63.5	0.0714	-12.233	0.1787
504	SLV 3	4.97	-1	63.21	0.0719	-12.3123	-0.2506
504	SLV 4	5.11	-2.26	63.06	0.0746	-12.3163	-0.5636
504	SLV 5	0.62	5.69	46.92	0.0457	-8.9278	1.4212
504	SLV 6	0.72	4.87	46.82	0.0474	-8.9304	1.2187
504	SLV 7	1.19	-4.22	45.45	0.0565	-9.2052	-1.053
504	SLV 8	1.29	-5.04	45.35	0.0582	-9.2078	-1.2555
504	SLV 9	-2.81	6.1	32.16	0.0288	-6.1808	1.523
504	SLV 10	-2.71	5.28	32.06	0.0305	-6.1834	1.3205
504	SLV 11	-2.24	-3.81	30.69	0.0395	-6.4581	-0.9511
504	SLV 12	-2.15	-4.63	30.59	0.0413	-6.4607	-1.1537
504	SLV 13	-6.64	3.32	14.45	0.0123	-3.0723	0.8311
504	SLV 14	-6.49	2.06	14.3	0.015	-3.0763	0.5181
504	SLV 15	-6.47	0.35	14.01	0.0156	-3.1555	0.0889
504	SLV 16	-6.32	-0.91	13.85	0.0183	-3.1595	-0.2241
504	CRTFP Ux+	0	0	0	0	0	0
504	CRTFP Ux-	0	0	0	0	0	0
504	CRTFP Uy+	0	0	0	0	0	0
504	CRTFP Uy-	0	0	0	0	0	0
507	SLU 1	-0.73	-1.09	59.9	-0.0007	-0.1511	0.008
507	SLU 2	-0.73	-0.99	59.91	-0.0004	-0.1535	0.0084
507	SLU 3	-0.75	-1.1	61.34	-0.0006	-0.1555	0.0082
507	SLU 4	-0.75	-1.04	61.34	-0.0004	-0.1569	0.0084
507	SLU 5	-0.74	-1.01	60.78	-0.0006	-0.1556	0.0085
507	SLU 6	-0.76	-1.12	62.2	-0.0008	-0.1576	0.0083
507	SLU 7	-0.76	-1.06	62.21	-0.0006	-0.159	0.0085
507	SLU 8	-0.76	-1.12	61.64	-0.0011	-0.1553	0.0082
507	SLU 9	-0.76	-1.06	61.65	-0.0009	-0.1567	0.0084
507	SLU 10	-0.74	-1.02	67.27	0.0026	-0.184	0.009
507	SLU 11	-0.76	-1.13	68.69	0.0024	-0.186	0.0088
507	SLU 12	-0.76	-1.07	68.7	0.0026	-0.1874	0.009
507	SLU 13	-0.76	-1.03	68.14	0.0024	-0.186	0.0091
507	SLU 14	-0.78	-1.15	69.56	0.0023	-0.1881	0.0089
507	SLU 15	-0.77	-1.09	69.57	0.0025	-0.1895	0.0091
507	SLU 16	-0.77	-1.15	68.99	0.002	-0.1857	0.0088
507	SLU 17	-0.77	-1.09	69	0.0022	-0.1872	0.009
507	SLU 18	-0.75	-1.13	70.41	0.0036	-0.1946	0.0089
507	SLU 19	-0.75	-1.07	70.42	0.0038	-0.1961	0.0091
507	SLU 20	-0.76	-1.14	71.28	0.0035	-0.1967	0.009
507	SLU 21	-0.76	-1.09	71.28	0.0036	-0.1981	0.0092
507	SLU 22	-0.78	-1.08	66.93	0.0026	-0.1681	0.0084
507	SLU 23	-0.78	-0.98	66.94	0.0029	-0.1705	0.0088
507	SLU 24	-0.8	-1.1	68.36	0.0027	-0.1725	0.0086
507	SLU 25	-0.8	-1.04	68.37	0.0029	-0.1739	0.0088
507	SLU 26	-0.8	-1	67.81	0.0027	-0.1726	0.0089
507	SLU 27	-0.82	-1.11	69.23	0.0026	-0.1746	0.0087
507	SLU 28	-0.81	-1.05	69.24	0.0027	-0.176	0.0089
507	SLU 29	-0.81	-1.11	68.67	0.0023	-0.1722	0.0086
507	SLU 30	-0.81	-1.06	68.67	0.0024	-0.1737	0.0088
507	SLU 31	-0.8	-1.01	74.3	0.0059	-0.2009	0.0094
507	SLU 32	-0.82	-1.13	75.72	0.0058	-0.2029	0.0092
507	SLU 33	-0.81	-1.07	75.73	0.0059	-0.2044	0.0094
507	SLU 34	-0.81	-1.03	75.17	0.0058	-0.203	0.0095
507	SLU 35	-0.83	-1.14	76.59	0.0056	-0.205	0.0093
507	SLU 36	-0.83	-1.08	76.6	0.0058	-0.2065	0.0095
507	SLU 37	-0.83	-1.14	76.02	0.0053	-0.2027	0.0092
507	SLU 38	-0.83	-1.09	76.03	0.0055	-0.2042	0.0095
507	SLU 39	-0.8	-1.12	77.44	0.0069	-0.2116	0.0093
507	SLU 40	-0.8	-1.07	77.44	0.0071	-0.213	0.0095
507	SLU 41	-0.82	-1.14	78.31	0.0068	-0.2137	0.0094
507	SLU 42	-0.82	-1.08	78.31	0.0069	-0.2151	0.0096
507	SLU 43	-0.93	-1.41	75.46	-0.0021	-0.1906	0.0103
507	SLU 44	-0.93	-1.32	75.47	-0.0018	-0.193	0.0106
507	SLU 45	-0.95	-1.43	76.9	-0.0019	-0.195	0.0104
507	SLU 46	-0.95	-1.37	76.9	-0.0018	-0.1964	0.0106
507	SLU 47	-0.94	-1.33	76.34	-0.002	-0.1951	0.0107
507	SLU 48	-0.96	-1.44	77.77	-0.0021	-0.1971	0.0105
507	SLU 49	-0.96	-1.39	77.77	-0.0019	-0.1985	0.0107
507	SLU 50	-0.96	-1.45	77.2	-0.0024	-0.1947	0.0105
507	SLU 51	-0.96	-1.39	77.21	-0.0022	-0.1962	0.0107
507	SLU 52	-0.94	-1.34	82.83	0.0012	-0.2235	0.0113
507	SLU 53	-0.96	-1.46	84.25	0.0011	-0.2255	0.011
507	SLU 54	-0.96	-1.4	84.26	0.0013	-0.2269	0.0113
507	SLU 55	-0.96	-1.36	83.7	0.0011	-0.2255	0.0114
507	SLU 56	-0.98	-1.47	85.12	0.0009	-0.2276	0.0111
507	SLU 57	-0.98	-1.42	85.13	0.0011	-0.229	0.0114
507	SLU 58	-0.97	-1.48	84.55	0.0006	-0.2252	0.0111
507	SLU 59	-0.97	-1.42	84.56	0.0008	-0.2267	0.0113
507	SLU 60	-0.95	-1.45	85.97	0.0023	-0.2341	0.0112
507	SLU 61	-0.95	-1.4	85.98	0.0024	-0.2356	0.0114
507	SLU 62	-0.96	-1.47	86.84	0.0021	-0.2362	0.0113
507	SLU 63	-0.96	-1.41	86.85	0.0023	-0.2376	0.0115
507	SLU 64	-0.98	-1.41	82.49	0.0012	-0.2076	0.0107
507	SLU 65	-0.98	-1.31	82.5	0.0015	-0.21	0.011



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
507	SLU 66	-1	-1.42	83.93	0.0014	-0.212	0.0108
507	SLU 67	-1	-1.36	83.93	0.0015	-0.2134	0.011
507	SLU 68	-1	-1.33	83.37	0.0014	-0.2121	0.0111
507	SLU 69	-1.02	-1.44	84.79	0.0012	-0.2141	0.0109
507	SLU 70	-1.02	-1.38	84.8	0.0014	-0.2155	0.0111
507	SLU 71	-1.01	-1.44	84.23	0.0009	-0.2117	0.0109
507	SLU 72	-1.01	-1.38	84.23	0.0011	-0.2132	0.0111
507	SLU 73	-1	-1.34	89.86	0.0046	-0.2404	0.0117
507	SLU 74	-1.02	-1.45	91.28	0.0044	-0.2424	0.0114
507	SLU 75	-1.02	-1.39	91.29	0.0046	-0.2439	0.0117
507	SLU 76	-1.01	-1.36	90.73	0.0044	-0.2425	0.0118
507	SLU 77	-1.03	-1.47	92.15	0.0042	-0.2445	0.0115
507	SLU 78	-1.03	-1.41	92.16	0.0044	-0.246	0.0118
507	SLU 79	-1.03	-1.47	91.58	0.004	-0.2422	0.0115
507	SLU 80	-1.03	-1.41	91.59	0.0041	-0.2437	0.0117
507	SLU 81	-1	-1.45	93	0.0056	-0.2511	0.0116
507	SLU 82	-1	-1.39	93	0.0058	-0.2525	0.0118
507	SLU 83	-1.02	-1.47	93.87	0.0054	-0.2532	0.0117
507	SLU 84	-1.02	-1.41	93.87	0.0056	-0.2546	0.0119
507	SLE RA 1	-0.75	-1.08	61.91	0.0002	-0.1559	0.0081
507	SLE RA 2	-0.74	-1.02	61.92	0.0004	-0.1575	0.0084
507	SLE RA 3	-0.76	-1.09	62.87	0.0003	-0.1589	0.0082
507	SLE RA 4	-0.76	-1.06	62.87	0.0004	-0.1598	0.0084
507	SLE RA 5	-0.75	-1.03	62.5	0.0003	-0.1589	0.0084
507	SLE RA 6	-0.77	-1.11	63.44	0.0002	-0.1603	0.0083
507	SLE RA 7	-0.77	-1.07	63.45	0.0003	-0.1612	0.0084
507	SLE RA 8	-0.76	-1.11	63.07	0	-0.1587	0.0083
507	SLE RA 9	-0.76	-1.07	63.07	0.0001	-0.1597	0.0084
507	SLE RA 10	-0.75	-1.04	66.82	0.0024	-0.1778	0.0088
507	SLE RA 11	-0.77	-1.11	67.77	0.0023	-0.1792	0.0086
507	SLE RA 12	-0.77	-1.08	67.77	0.0025	-0.1801	0.0088
507	SLE RA 13	-0.76	-1.05	67.4	0.0023	-0.1792	0.0088
507	SLE RA 14	-0.78	-1.13	68.35	0.0022	-0.1806	0.0087
507	SLE RA 15	-0.78	-1.09	68.35	0.0023	-0.1815	0.0088
507	SLE RA 16	-0.77	-1.13	67.97	0.002	-0.179	0.0087
507	SLE RA 17	-0.77	-1.09	67.98	0.0021	-0.18	0.0088
507	SLE RA 18	-0.76	-1.11	68.91	0.0031	-0.1849	0.0087
507	SLE RA 19	-0.76	-1.07	68.92	0.0032	-0.1859	0.0089
507	SLE RA 20	-0.77	-1.12	69.49	0.003	-0.1863	0.0088
507	SLE RA 21	-0.77	-1.08	69.5	0.0031	-0.1873	0.0089
507	SLE FR 1	-0.75	-1.08	61.91	0.0002	-0.1559	0.0081
507	SLE FR 2	-0.75	-1.07	61.91	0.0003	-0.1562	0.0082
507	SLE FR 3	-0.75	-1.09	62.14	0.0002	-0.1565	0.0082
507	SLE FR 4	-0.75	-1.08	64.01	0.0011	-0.165	0.0084
507	SLE FR 5	-0.75	-1.1	64.24	0.001	-0.1652	0.0083
507	SLE FR 6	-0.75	-1.1	65.41	0.0017	-0.1704	0.0084
507	SLE QP 1	-0.75	-1.08	61.91	0.0002	-0.1559	0.0081
507	SLE QP 2	-0.75	-1.09	64.01	0.0011	-0.1646	0.0083
507	SLD 1	4.32	-0.79	68.81	0.0008	0.039	0.0193
507	SLD 2	4.41	-1.16	68.85	0.0024	0.0344	0.0286
507	SLD 3	4.38	-2.44	69.21	0.0041	-0.0006	0.0206
507	SLD 4	4.46	-2.81	69.26	0.0057	-0.0052	0.0299
507	SLD 5	0.68	1.57	64.83	-0.0042	-0.0426	0.008
507	SLD 6	0.74	1.32	64.86	-0.0032	-0.0456	0.0141
507	SLD 7	0.85	-3.93	66.18	0.0066	-0.1747	0.0123
507	SLD 8	0.91	-4.17	66.21	0.0077	-0.1778	0.0184
507	SLD 9	-2.41	1.99	61.81	-0.0055	-0.1515	-0.0018
507	SLD 10	-2.35	1.75	61.84	-0.0044	-0.1545	0.0043
507	SLD 11	-2.24	-3.51	63.16	0.0053	-0.2837	0.0025
507	SLD 12	-2.18	-3.75	63.19	0.0064	-0.2867	0.0086
507	SLD 13	-5.96	0.62	58.76	-0.0035	-0.324	-0.0133
507	SLD 14	-5.87	0.25	58.81	-0.0019	-0.3287	-0.004
507	SLD 15	-5.91	-1.03	59.17	-0.0002	-0.3637	-0.012
507	SLD 16	-5.82	-1.4	59.21	0.0014	-0.3683	-0.0027
507	SLV 1	11.12	-0.44	75.25	0.0006	0.3111	0.0341
507	SLV 2	11.32	-1.3	75.36	0.0043	0.3003	0.0558
507	SLV 3	11.24	-4.18	76.18	0.008	0.2203	0.0371
507	SLV 4	11.44	-5.04	76.28	0.0117	0.2095	0.0588
507	SLV 5	2.59	4.92	65.96	-0.0109	0.1177	0.0078
507	SLV 6	2.73	4.36	66.03	-0.0085	0.1107	0.0218
507	SLV 7	2.99	-7.54	69.04	0.0137	-0.185	0.0177
507	SLV 8	3.13	-8.09	69.11	0.0162	-0.192	0.0317
507	SLV 9	-4.62	5.91	58.91	-0.014	-0.1373	-0.0151
507	SLV 10	-4.49	5.35	58.98	-0.0116	-0.1443	-0.0011
507	SLV 11	-4.23	-6.55	61.99	0.0107	-0.44	-0.0052
507	SLV 12	-4.09	-7.11	62.06	0.0131	-0.4469	0.0088
507	SLV 13	-12.94	2.86	51.74	-0.0095	-0.5388	-0.0422
507	SLV 14	-12.74	2	51.84	-0.0058	-0.5495	-0.0205
507	SLV 15	-12.82	-0.88	52.66	-0.0021	-0.6296	-0.0392
507	SLV 16	-12.62	-1.74	52.77	0.0016	-0.6403	-0.0175
507	CRTFP Ux+	0	0	0	0	0	0
507	CRTFP Ux-	0	0	0	0	0	0
511	SLU 1	0.7	-0.38	60.09	-0.0094	0.1475	-0.0071
511	SLU 2	0.69	-0.28	60.12	-0.0093	0.1502	-0.0074
511	SLU 3	0.72	-0.39	61.51	-0.0097	0.1505	-0.0072
511	SLU 4	0.71	-0.33	61.53	-0.0096	0.1521	-0.0074
511	SLU 5	0.7	-0.29	60.99	-0.0096	0.1505	-0.0075
511	SLU 6	0.73	-0.4	62.38	-0.0101	0.1509	-0.0074
511	SLU 7	0.72	-0.34	62.4	-0.01	0.1525	-0.0075



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
511	SLU 8	0.72	-0.41	61.83	-0.0101	0.1482	-0.0074
511	SLU 9	0.72	-0.35	61.85	-0.01	0.1498	-0.0075
511	SLU 10	0.73	-0.25	67.42	-0.0084	0.1741	-0.0077
511	SLU 11	0.76	-0.35	68.82	-0.0089	0.1744	-0.0076
511	SLU 12	0.75	-0.29	68.83	-0.0088	0.176	-0.0077
511	SLU 13	0.75	-0.26	68.29	-0.0088	0.1744	-0.0078
511	SLU 14	0.77	-0.36	69.68	-0.0093	0.1748	-0.0077
511	SLU 15	0.77	-0.3	69.7	-0.0092	0.1764	-0.0078
511	SLU 16	0.76	-0.37	69.13	-0.0093	0.1721	-0.0077
511	SLU 17	0.76	-0.31	69.15	-0.0092	0.1737	-0.0078
511	SLU 18	0.76	-0.33	70.53	-0.0083	0.1817	-0.0076
511	SLU 19	0.75	-0.27	70.54	-0.0082	0.1833	-0.0078
511	SLU 20	0.77	-0.34	71.39	-0.0086	0.182	-0.0078
511	SLU 21	0.76	-0.28	71.41	-0.0085	0.1836	-0.0079
511	SLU 22	0.76	-0.31	67.13	-0.0087	0.1505	-0.007
511	SLU 23	0.76	-0.21	67.16	-0.0085	0.1532	-0.0072
511	SLU 24	0.78	-0.31	68.55	-0.009	0.1535	-0.0071
511	SLU 25	0.78	-0.25	68.57	-0.0089	0.1551	-0.0072
511	SLU 26	0.77	-0.22	68.03	-0.0089	0.1535	-0.0073
511	SLU 27	0.79	-0.33	69.42	-0.0094	0.1538	-0.0072
511	SLU 28	0.79	-0.27	69.43	-0.0093	0.1554	-0.0073
511	SLU 29	0.78	-0.33	68.87	-0.0094	0.1512	-0.0072
511	SLU 30	0.78	-0.27	68.88	-0.0093	0.1528	-0.0073
511	SLU 31	0.8	-0.17	74.46	-0.0077	0.1771	-0.0075
511	SLU 32	0.82	-0.28	75.85	-0.0082	0.1774	-0.0074
511	SLU 33	0.82	-0.22	75.87	-0.0081	0.179	-0.0076
511	SLU 34	0.81	-0.18	75.33	-0.0081	0.1774	-0.0076
511	SLU 35	0.83	-0.29	76.72	-0.0085	0.1778	-0.0075
511	SLU 36	0.83	-0.23	76.74	-0.0084	0.1793	-0.0077
511	SLU 37	0.83	-0.3	76.17	-0.0086	0.1751	-0.0075
511	SLU 38	0.82	-0.24	76.18	-0.0085	0.1767	-0.0077
511	SLU 39	0.82	-0.26	77.56	-0.0075	0.1847	-0.0075
511	SLU 40	0.82	-0.2	77.58	-0.0075	0.1863	-0.0076
511	SLU 41	0.83	-0.27	78.43	-0.0079	0.185	-0.0076
511	SLU 42	0.83	-0.21	78.45	-0.0078	0.1866	-0.0077
511	SLU 43	0.88	-0.52	75.71	-0.0125	0.1908	-0.0093
511	SLU 44	0.88	-0.42	75.74	-0.0123	0.1934	-0.0096
511	SLU 45	0.9	-0.53	77.13	-0.0128	0.1938	-0.0095
511	SLU 46	0.9	-0.47	77.15	-0.0127	0.1954	-0.0096
511	SLU 47	0.89	-0.43	76.61	-0.0127	0.1938	-0.0097
511	SLU 48	0.91	-0.54	78	-0.0131	0.1941	-0.0096
511	SLU 49	0.91	-0.48	78.01	-0.013	0.1957	-0.0097
511	SLU 50	0.91	-0.55	77.45	-0.0132	0.1915	-0.0096
511	SLU 51	0.9	-0.49	77.46	-0.0131	0.193	-0.0097
511	SLU 52	0.92	-0.39	83.04	-0.0115	0.2173	-0.0099
511	SLU 53	0.94	-0.49	84.43	-0.012	0.2177	-0.0098
511	SLU 54	0.94	-0.43	84.45	-0.0119	0.2193	-0.0099
511	SLU 55	0.93	-0.4	83.91	-0.0119	0.2177	-0.01
511	SLU 56	0.95	-0.5	85.3	-0.0123	0.218	-0.0099
511	SLU 57	0.95	-0.44	85.32	-0.0122	0.2196	-0.01
511	SLU 58	0.95	-0.51	84.75	-0.0124	0.2154	-0.0099
511	SLU 59	0.95	-0.45	84.76	-0.0123	0.2169	-0.01
511	SLU 60	0.94	-0.47	86.14	-0.0113	0.2249	-0.0099
511	SLU 61	0.94	-0.41	86.16	-0.0112	0.2265	-0.01
511	SLU 62	0.95	-0.48	87.01	-0.0117	0.2253	-0.01
511	SLU 63	0.95	-0.42	87.03	-0.0116	0.2269	-0.0101
511	SLU 64	0.95	-0.45	82.75	-0.0118	0.1938	-0.0092
511	SLU 65	0.95	-0.35	82.77	-0.0116	0.1964	-0.0094
511	SLU 66	0.97	-0.45	84.17	-0.0121	0.1968	-0.0093
511	SLU 67	0.97	-0.39	84.18	-0.012	0.1983	-0.0094
511	SLU 68	0.96	-0.36	83.64	-0.0119	0.1967	-0.0095
511	SLU 69	0.98	-0.47	85.03	-0.0124	0.1971	-0.0094
511	SLU 70	0.98	-0.41	85.05	-0.0123	0.1987	-0.0095
511	SLU 71	0.97	-0.47	84.48	-0.0124	0.1944	-0.0094
511	SLU 72	0.97	-0.41	84.5	-0.0123	0.196	-0.0095
511	SLU 73	0.99	-0.31	90.08	-0.0108	0.2203	-0.0097
511	SLU 74	1.01	-0.42	91.47	-0.0113	0.2207	-0.0096
511	SLU 75	1.01	-0.36	91.48	-0.0112	0.2223	-0.0098
511	SLU 76	1	-0.32	90.94	-0.0111	0.2206	-0.0098
511	SLU 77	1.02	-0.43	92.34	-0.0116	0.221	-0.0097
511	SLU 78	1.02	-0.37	92.35	-0.0115	0.2226	-0.0099
511	SLU 79	1.01	-0.44	91.78	-0.0116	0.2183	-0.0097
511	SLU 80	1.01	-0.38	91.8	-0.0115	0.2199	-0.0099
511	SLU 81	1.01	-0.4	93.18	-0.0106	0.2279	-0.0097
511	SLU 82	1.01	-0.34	93.19	-0.0105	0.2295	-0.0098
511	SLU 83	1.02	-0.41	94.05	-0.011	0.2283	-0.0098
511	SLU 84	1.02	-0.35	94.06	-0.0109	0.2298	-0.0099
511	SLE RA 1	0.72	-0.36	62.1	-0.0092	0.1484	-0.0071
511	SLE RA 2	0.71	-0.29	62.12	-0.0091	0.1502	-0.0072
511	SLE RA 3	0.73	-0.36	63.05	-0.0094	0.1504	-0.0072
511	SLE RA 4	0.73	-0.32	63.06	-0.0094	0.1514	-0.0072
511	SLE RA 5	0.72	-0.3	62.7	-0.0093	0.1504	-0.0073
511	SLE RA 6	0.74	-0.37	63.63	-0.0096	0.1506	-0.0072
511	SLE RA 7	0.73	-0.33	63.64	-0.0096	0.1517	-0.0073
511	SLE RA 8	0.73	-0.38	63.26	-0.0097	0.1488	-0.0072
511	SLE RA 9	0.73	-0.34	63.27	-0.0096	0.1499	-0.0073
511	SLE RA 10	0.74	-0.27	66.99	-0.0086	0.1661	-0.0075
511	SLE RA 11	0.76	-0.34	67.92	-0.0089	0.1663	-0.0074
511	SLE RA 12	0.75	-0.3	67.93	-0.0088	0.1674	-0.0075



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
511	SLE RA 13	0.75	-0.28	67.57	-0.0088	0.1663	-0.0075
511	SLE RA 14	0.76	-0.35	68.5	-0.0091	0.1666	-0.0075
511	SLE RA 15	0.76	-0.31	68.51	-0.009	0.1676	-0.0076
511	SLE RA 16	0.76	-0.35	68.13	-0.0091	0.1648	-0.0075
511	SLE RA 17	0.76	-0.31	68.14	-0.0091	0.1658	-0.0076
511	SLE RA 18	0.76	-0.33	69.06	-0.0084	0.1712	-0.0074
511	SLE RA 19	0.75	-0.29	69.07	-0.0084	0.1722	-0.0075
511	SLE RA 20	0.76	-0.33	69.64	-0.0087	0.1714	-0.0075
511	SLE RA 21	0.76	-0.29	69.65	-0.0086	0.1724	-0.0076
511	SLE FR 1	0.72	-0.36	62.1	-0.0092	0.1484	-0.0071
511	SLE FR 2	0.72	-0.35	62.11	-0.0092	0.1487	-0.0071
511	SLE FR 3	0.72	-0.36	62.34	-0.0093	0.1485	-0.0071
511	SLE FR 4	0.73	-0.34	64.19	-0.009	0.1556	-0.0072
511	SLE FR 5	0.73	-0.35	64.42	-0.0091	0.1553	-0.0072
511	SLE FR 6	0.74	-0.34	65.58	-0.0088	0.1598	-0.0073
511	SLE QP 1	0.72	-0.36	62.1	-0.0092	0.1484	-0.0071
511	SLE QP 2	0.73	-0.35	64.19	-0.009	0.1552	-0.0072
511	SLD 1	5.61	0.81	59.48	-0.0123	0.1867	0.0093
511	SLD 2	5.71	1.21	59.51	-0.0143	0.1801	0.0195
511	SLD 3	5.56	-0.88	59.81	-0.0062	0.2282	0.0076
511	SLD 4	5.66	-0.48	59.83	-0.0082	0.2216	0.0178
511	SLD 5	2.25	2.48	62.28	-0.0189	0.103	-0.0015
511	SLD 6	2.31	2.75	62.3	-0.0202	0.0986	0.0052
511	SLD 7	2.09	-3.14	63.36	0.0014	0.2412	-0.0072
511	SLD 8	2.15	-2.87	63.38	0.0001	0.2368	-0.0005
511	SLD 9	-0.7	2.17	65	-0.0181	0.0736	-0.0139
511	SLD 10	-0.63	2.44	65.02	-0.0194	0.0693	-0.0072
511	SLD 11	-0.85	-3.45	66.08	0.0022	0.2118	-0.0196
511	SLD 12	-0.79	-3.18	66.1	0.0009	0.2075	-0.0129
511	SLD 13	-4.2	-0.22	68.55	-0.0098	0.0889	-0.0322
511	SLD 14	-4.1	0.18	68.58	-0.0118	0.0823	-0.022
511	SLD 15	-4.25	-1.91	68.87	-0.0037	0.1303	-0.0339
511	SLD 16	-4.15	-1.51	68.9	-0.0057	0.1237	-0.0237
511	SLV 1	12.14	2.3	53.18	-0.0165	0.2295	0.0315
511	SLV 2	12.37	3.23	53.24	-0.0212	0.2141	0.0551
511	SLV 3	12.04	-1.52	53.92	-0.0027	0.3236	0.0276
511	SLV 4	12.26	-0.59	53.98	-0.0073	0.3082	0.0512
511	SLV 5	4.28	6.08	59.75	-0.0315	0.0376	0.0062
511	SLV 6	4.43	6.68	59.79	-0.0344	0.0276	0.0216
511	SLV 7	3.92	-6.66	62.22	0.0147	0.351	-0.0068
511	SLV 8	4.06	-6.06	62.26	0.0117	0.3411	0.0085
511	SLV 9	-2.61	5.36	66.12	-0.0297	-0.0306	-0.0229
511	SLV 10	-2.46	5.96	66.16	-0.0327	-0.0406	-0.0076
511	SLV 11	-2.97	-7.38	68.59	0.0165	0.2829	-0.0359
511	SLV 12	-2.82	-6.78	68.63	0.0135	0.2729	-0.0206
511	SLV 13	-10.81	-0.11	74.4	-0.0106	0.0023	-0.0656
511	SLV 14	-10.58	0.82	74.46	-0.0153	-0.0131	-0.0419
511	SLV 15	-10.92	-3.93	75.14	0.0032	0.0963	-0.0695
511	SLV 16	-10.69	-3	75.2	-0.0014	0.0809	-0.0459
511	CRTFP Ux+	0	0	0	0	0	0
511	CRTFP Ux-	0	0	0	0	0	0
511	CRTFP Uy+	0	0	0	0	0	0
511	CRTFP Uy-	0	0	0	0	0	0
512	SLU 1	0.76	0.37	41.17	0.0471	11.8943	-0.1309
512	SLU 2	0.75	0.48	41.15	0.0475	11.8944	-0.1698
512	SLU 3	0.78	0.37	42.16	0.0483	12.1731	-0.1323
512	SLU 4	0.78	0.44	42.15	0.0485	12.1732	-0.1556
512	SLU 5	0.76	0.48	41.77	0.0482	12.0664	-0.1692
512	SLU 6	0.79	0.37	42.77	0.049	12.3452	-0.1318
512	SLU 7	0.79	0.44	42.76	0.0493	12.3452	-0.1551
512	SLU 8	0.79	0.37	42.39	0.0486	12.2384	-0.1298
512	SLU 9	0.78	0.43	42.38	0.0488	12.2385	-0.1531
512	SLU 10	0.8	0.59	45.9	0.0539	13.2669	-0.2099
512	SLU 11	0.83	0.49	46.9	0.0547	13.5456	-0.1725
512	SLU 12	0.82	0.55	46.89	0.0549	13.5457	-0.1958
512	SLU 13	0.81	0.59	46.51	0.0546	13.4389	-0.2094
512	SLU 14	0.84	0.49	47.52	0.0554	13.7177	-0.1719
512	SLU 15	0.84	0.55	47.51	0.0556	13.7177	-0.1952
512	SLU 16	0.83	0.48	47.14	0.0549	13.6109	-0.17
512	SLU 17	0.83	0.55	47.13	0.0551	13.611	-0.1933
512	SLU 18	0.83	0.53	47.95	0.0562	13.855	-0.1883
512	SLU 19	0.82	0.6	47.94	0.0564	13.855	-0.2116
512	SLU 20	0.84	0.53	48.56	0.0569	14.027	-0.1877
512	SLU 21	0.84	0.6	48.55	0.0571	14.0271	-0.211
512	SLU 22	0.83	0.47	45.9	0.0535	13.2583	-0.1655
512	SLU 23	0.82	0.58	45.89	0.0539	13.2584	-0.2044
512	SLU 24	0.85	0.47	46.89	0.0547	13.5371	-0.1669
512	SLU 25	0.84	0.54	46.88	0.0549	13.5372	-0.1902
512	SLU 26	0.83	0.58	46.5	0.0546	13.4304	-0.2038
512	SLU 27	0.86	0.47	47.51	0.0554	13.7092	-0.1664
512	SLU 28	0.86	0.54	47.5	0.0557	13.7092	-0.1897
512	SLU 29	0.85	0.46	47.13	0.055	13.6024	-0.1644
512	SLU 30	0.85	0.53	47.12	0.0552	13.6025	-0.1878
512	SLU 31	0.87	0.69	50.63	0.0602	14.6309	-0.2445
512	SLU 32	0.9	0.59	51.64	0.0611	14.9096	-0.2071
512	SLU 33	0.89	0.65	51.63	0.0613	14.9097	-0.2304
512	SLU 34	0.88	0.69	51.25	0.061	14.8029	-0.244
512	SLU 35	0.91	0.58	52.25	0.0618	15.0817	-0.2065
512	SLU 36	0.9	0.65	52.24	0.062	15.0817	-0.2298



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
512	SLU 37	0.9	0.58	51.87	0.0613	14.9749	-0.2046
512	SLU 38	0.9	0.65	51.87	0.0615	14.975	-0.2279
512	SLU 39	0.9	0.63	52.68	0.0626	15.219	-0.2229
512	SLU 40	0.89	0.7	52.67	0.0628	15.219	-0.2462
512	SLU 41	0.91	0.63	53.3	0.0633	15.391	-0.2223
512	SLU 42	0.9	0.7	53.29	0.0635	15.3911	-0.2457
512	SLU 43	0.97	0.45	51.89	0.0591	14.9949	-0.1583
512	SLU 44	0.96	0.56	51.88	0.0595	14.995	-0.1972
512	SLU 45	0.99	0.45	52.88	0.0603	15.2737	-0.1597
512	SLU 46	0.98	0.52	52.87	0.0605	15.2738	-0.183
512	SLU 47	0.97	0.56	52.49	0.0602	15.1671	-0.1966
512	SLU 48	1	0.45	53.5	0.061	15.4458	-0.1592
512	SLU 49	0.99	0.52	53.49	0.0612	15.4458	-0.1825
512	SLU 50	0.99	0.44	53.12	0.0605	15.339	-0.1572
512	SLU 51	0.99	0.51	53.11	0.0607	15.3391	-0.1806
512	SLU 52	1.01	0.67	56.63	0.0658	16.3675	-0.2373
512	SLU 53	1.03	0.56	57.63	0.0666	16.6462	-0.1999
512	SLU 54	1.03	0.63	57.62	0.0668	16.6463	-0.2232
512	SLU 55	1.02	0.67	57.24	0.0665	16.5396	-0.2368
512	SLU 56	1.05	0.56	58.24	0.0673	16.8183	-0.1993
512	SLU 57	1.04	0.63	58.23	0.0676	16.8183	-0.2226
512	SLU 58	1.04	0.56	57.86	0.0669	16.7115	-0.1974
512	SLU 59	1.03	0.62	57.86	0.0671	16.7116	-0.2207
512	SLU 60	1.03	0.61	58.67	0.0682	16.9556	-0.2157
512	SLU 61	1.03	0.68	58.66	0.0684	16.9557	-0.239
512	SLU 62	1.05	0.61	59.29	0.0689	17.1277	-0.2151
512	SLU 63	1.04	0.67	59.28	0.0691	17.1277	-0.2385
512	SLU 64	1.03	0.55	56.63	0.0655	16.3589	-0.193
512	SLU 65	1.03	0.66	56.62	0.0658	16.359	-0.2318
512	SLU 66	1.05	0.55	57.62	0.0667	16.6377	-0.1943
512	SLU 67	1.05	0.62	57.61	0.0669	16.6378	-0.2177
512	SLU 68	1.04	0.65	57.23	0.0666	16.5311	-0.2313
512	SLU 69	1.07	0.55	58.23	0.0674	16.8098	-0.1938
512	SLU 70	1.06	0.61	58.22	0.0676	16.8098	-0.2171
512	SLU 71	1.06	0.54	57.85	0.0669	16.703	-0.1919
512	SLU 72	1.05	0.61	57.85	0.0671	16.7031	-0.2152
512	SLU 73	1.07	0.77	61.36	0.0722	17.7315	-0.2719
512	SLU 74	1.1	0.66	62.36	0.073	18.0102	-0.2345
512	SLU 75	1.1	0.73	62.36	0.0732	18.0103	-0.2578
512	SLU 76	1.09	0.77	61.97	0.0729	17.9036	-0.2714
512	SLU 77	1.11	0.66	62.98	0.0737	18.1823	-0.2339
512	SLU 78	1.11	0.73	62.97	0.074	18.1823	-0.2573
512	SLU 79	1.11	0.66	62.6	0.0733	18.0755	-0.232
512	SLU 80	1.1	0.72	62.59	0.0735	18.0756	-0.2553
512	SLU 81	1.1	0.71	63.41	0.0746	18.3196	-0.2503
512	SLU 82	1.1	0.78	63.4	0.0748	18.3197	-0.2736
512	SLU 83	1.11	0.71	64.02	0.0753	18.4917	-0.2498
512	SLU 84	1.11	0.77	64.01	0.0755	18.4917	-0.2731
512	SLE RA 1	0.78	0.4	42.52	0.049	12.284	-0.1408
512	SLE RA 2	0.77	0.47	42.51	0.0492	12.284	-0.1667
512	SLE RA 3	0.79	0.4	43.18	0.0498	12.4699	-0.1417
512	SLE RA 4	0.79	0.44	43.17	0.0499	12.4699	-0.1573
512	SLE RA 5	0.78	0.47	42.92	0.0497	12.3988	-0.1664
512	SLE RA 6	0.8	0.4	43.59	0.0502	12.5846	-0.1414
512	SLE RA 7	0.8	0.44	43.58	0.0504	12.5846	-0.1569
512	SLE RA 8	0.8	0.4	43.34	0.0499	12.5134	-0.1401
512	SLE RA 9	0.79	0.44	43.33	0.0501	12.5134	-0.1556
512	SLE RA 10	0.81	0.55	45.67	0.0534	13.199	-0.1935
512	SLE RA 11	0.83	0.48	46.34	0.054	13.3849	-0.1685
512	SLE RA 12	0.82	0.52	46.34	0.0541	13.3849	-0.1841
512	SLE RA 13	0.81	0.55	46.08	0.0539	13.3138	-0.1931
512	SLE RA 14	0.83	0.48	46.75	0.0545	13.4996	-0.1681
512	SLE RA 15	0.83	0.52	46.75	0.0546	13.4996	-0.1837
512	SLE RA 16	0.83	0.47	46.5	0.0542	13.4284	-0.1668
512	SLE RA 17	0.83	0.52	46.5	0.0543	13.4284	-0.1824
512	SLE RA 18	0.83	0.51	47.04	0.055	13.5911	-0.1791
512	SLE RA 19	0.82	0.55	47.03	0.0552	13.5912	-0.1946
512	SLE RA 20	0.83	0.51	47.45	0.0555	13.7058	-0.1787
512	SLE RA 21	0.83	0.55	47.44	0.0556	13.7059	-0.1942
512	SLE FR 1	0.78	0.4	42.52	0.049	12.284	-0.1408
512	SLE FR 2	0.78	0.41	42.52	0.049	12.284	-0.146
512	SLE FR 3	0.78	0.4	42.68	0.0492	12.3299	-0.1407
512	SLE FR 4	0.79	0.45	43.87	0.0508	12.6761	-0.1575
512	SLE FR 5	0.8	0.43	44.04	0.051	12.722	-0.1521
512	SLE FR 6	0.8	0.45	44.78	0.052	12.9375	-0.1599
512	SLE QP 1	0.78	0.4	42.52	0.049	12.284	-0.1408
512	SLE QP 2	0.79	0.43	43.88	0.0508	12.6761	-0.1523
512	SLD 1	3.68	1.02	32.23	0.0372	9.5489	-0.3584
512	SLD 2	3.75	1.65	32.32	0.036	9.5537	-0.5795
512	SLD 3	3.6	-0.42	32.1	0.0388	9.5824	0.1438
512	SLD 4	3.67	0.22	32.2	0.0376	9.5873	-0.0773
512	SLD 5	1.76	2.67	40.56	0.0445	11.6861	-0.9361
512	SLD 6	1.81	3.09	40.62	0.0437	11.6893	-1.0817
512	SLD 7	1.51	-2.12	40.14	0.0498	11.7981	0.7378
512	SLD 8	1.56	-1.7	40.2	0.0491	11.8013	0.5922
512	SLD 9	0.03	2.56	47.55	0.0525	13.551	-0.8968
512	SLD 10	0.08	2.98	47.62	0.0517	13.5542	-1.0424
512	SLD 11	-0.22	-2.23	47.13	0.0579	13.6629	0.7771
512	SLD 12	-0.17	-1.81	47.2	0.0571	13.6661	0.6315



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
512	SLD 13	-2.08	0.64	55.56	0.064	15.7649	-0.2273
512	SLD 14	-2.01	1.28	55.65	0.0628	15.7698	-0.4484
512	SLD 15	-2.16	-0.79	55.43	0.0656	15.7985	0.2749
512	SLD 16	-2.09	-0.16	55.52	0.0644	15.8034	0.0538
512	SLV 1	7.54	1.76	16.61	0.019	5.3568	-0.6176
512	SLV 2	7.7	3.24	16.83	0.0163	5.3681	-1.1325
512	SLV 3	7.37	-1.5	16.32	0.0226	5.434	0.5207
512	SLV 4	7.53	-0.02	16.53	0.0199	5.4453	0.0059
512	SLV 5	3.05	5.51	36.1	0.0362	10.3613	-1.929
512	SLV 6	3.15	6.47	36.24	0.0344	10.3686	-2.2622
512	SLV 7	2.48	-5.34	35.12	0.0483	10.6186	1.8654
512	SLV 8	2.59	-4.39	35.27	0.0466	10.6259	1.5323
512	SLV 9	-1	5.25	52.49	0.055	14.7263	-1.8369
512	SLV 10	-0.89	6.2	52.63	0.0532	14.7336	-2.17
512	SLV 11	-1.56	-5.61	51.51	0.0671	14.9836	1.9576
512	SLV 12	-1.46	-4.65	51.65	0.0654	14.9909	1.6244
512	SLV 13	-5.94	0.88	71.22	0.0817	19.9069	-0.3104
512	SLV 14	-5.78	2.36	71.43	0.0789	19.9182	-0.8253
512	SLV 15	-6.11	-2.38	70.92	0.0853	19.9841	0.8279
512	SLV 16	-5.95	-0.9	71.14	0.0826	19.9954	0.313
512	CRTFP Ux+	0	0	0	0	0	0
512	CRTFP Ux-	0	0	0	0	0	0
512	CRTFP Uy+	0	0	0	0	0	0
512	CRTFP Uy-	0	0	0	0	0	0
516	SLU 1	0.06	-0.15	32.41	-0.0173	10.6912	0.0501
516	SLU 2	0.06	-0.11	32.44	-0.0175	10.6997	0.036
516	SLU 3	0.06	-0.14	33.18	-0.0177	10.9425	0.0478
516	SLU 4	0.06	-0.12	33.2	-0.0178	10.9476	0.0394
516	SLU 5	0.06	-0.11	32.9	-0.0177	10.8515	0.0365
516	SLU 6	0.06	-0.14	33.65	-0.0179	11.0942	0.0483
516	SLU 7	0.06	-0.12	33.67	-0.018	11.0994	0.0399
516	SLU 8	0.06	-0.15	33.34	-0.0178	10.9948	0.051
516	SLU 9	0.06	-0.13	33.36	-0.0179	10.9999	0.0426
516	SLU 10	0.07	-0.08	36.68	-0.0197	12.1041	0.0251
516	SLU 11	0.08	-0.11	37.43	-0.0199	12.3469	0.0369
516	SLU 12	0.07	-0.09	37.44	-0.02	12.352	0.0285
516	SLU 13	0.07	-0.08	37.15	-0.0199	12.2559	0.0255
516	SLU 14	0.08	-0.11	37.89	-0.0201	12.4987	0.0374
516	SLU 15	0.08	-0.09	37.91	-0.0202	12.5038	0.0289
516	SLU 16	0.08	-0.12	37.59	-0.02	12.3992	0.0401
516	SLU 17	0.07	-0.1	37.6	-0.0201	12.4043	0.0316
516	SLU 18	0.08	-0.1	38.48	-0.0204	12.6975	0.0344
516	SLU 19	0.08	-0.08	38.49	-0.0205	12.7026	0.026
516	SLU 20	0.08	-0.1	38.94	-0.0207	12.8493	0.0349
516	SLU 21	0.08	-0.08	38.96	-0.0208	12.8544	0.0265
516	SLU 22	0.07	-0.08	36.09	-0.0186	11.8893	0.0262
516	SLU 23	0.07	-0.04	36.11	-0.0188	11.8979	0.0121
516	SLU 24	0.07	-0.07	36.86	-0.019	12.1406	0.024
516	SLU 25	0.07	-0.05	36.87	-0.0191	12.1457	0.0155
516	SLU 26	0.07	-0.04	36.58	-0.019	12.0496	0.0126
516	SLU 27	0.07	-0.08	37.32	-0.0192	12.2924	0.0244
516	SLU 28	0.07	-0.05	37.34	-0.0193	12.2975	0.016
516	SLU 29	0.07	-0.08	37.02	-0.0191	12.1929	0.0271
516	SLU 30	0.07	-0.06	37.03	-0.0192	12.198	0.0187
516	SLU 31	0.08	-0.01	40.35	-0.0209	13.3023	0.0012
516	SLU 32	0.08	-0.04	41.1	-0.0212	13.545	0.013
516	SLU 33	0.08	-0.02	41.12	-0.0213	13.5501	0.0046
516	SLU 34	0.08	-0.01	40.82	-0.0212	13.4541	0.0016
516	SLU 35	0.08	-0.04	41.57	-0.0214	13.6968	0.0135
516	SLU 36	0.08	-0.02	41.58	-0.0215	13.7019	0.0051
516	SLU 37	0.08	-0.05	41.26	-0.0213	13.5974	0.0162
516	SLU 38	0.08	-0.03	41.28	-0.0214	13.6025	0.0077
516	SLU 39	0.09	-0.04	42.15	-0.0217	13.8957	0.0106
516	SLU 40	0.09	-0.01	42.16	-0.0218	13.9008	0.0021
516	SLU 41	0.09	-0.04	42.61	-0.0219	14.0475	0.011
516	SLU 42	0.09	-0.01	42.63	-0.022	14.0526	0.0026
516	SLU 43	0.07	-0.22	40.88	-0.0221	13.4878	0.0733
516	SLU 44	0.07	-0.18	40.9	-0.0222	13.4963	0.0592
516	SLU 45	0.07	-0.21	41.65	-0.0225	13.739	0.0711
516	SLU 46	0.07	-0.19	41.66	-0.0226	13.7441	0.0626
516	SLU 47	0.07	-0.18	41.37	-0.0225	13.6481	0.0597
516	SLU 48	0.08	-0.21	42.11	-0.0227	13.8908	0.0715
516	SLU 49	0.08	-0.19	42.13	-0.0228	13.8959	0.0631
516	SLU 50	0.08	-0.22	41.81	-0.0226	13.7913	0.0742
516	SLU 51	0.07	-0.19	41.82	-0.0227	13.7965	0.0658
516	SLU 52	0.09	-0.14	45.15	-0.0244	14.9007	0.0483
516	SLU 53	0.09	-0.18	45.89	-0.0246	15.1434	0.0601
516	SLU 54	0.09	-0.15	45.91	-0.0247	15.1486	0.0517
516	SLU 55	0.09	-0.15	45.61	-0.0246	15.0525	0.0487
516	SLU 56	0.09	-0.18	46.36	-0.0249	15.2952	0.0606
516	SLU 57	0.09	-0.16	46.37	-0.025	15.3003	0.0521
516	SLU 58	0.09	-0.19	46.05	-0.0247	15.1958	0.0633
516	SLU 59	0.09	-0.16	46.07	-0.0248	15.2009	0.0548
516	SLU 60	0.09	-0.17	46.94	-0.0252	15.4941	0.0576
516	SLU 61	0.09	-0.15	46.95	-0.0253	15.4992	0.0492
516	SLU 62	0.1	-0.17	47.41	-0.0254	15.6459	0.0581
516	SLU 63	0.09	-0.15	47.42	-0.0255	15.651	0.0497
516	SLU 64	0.08	-0.15	44.55	-0.0234	14.6859	0.0494
516	SLU 65	0.08	-0.11	44.58	-0.0235	14.6944	0.0353



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
516	SLU 66	0.08	-0.14	45.32	-0.0237	14.9372	0.0472
516	SLU 67	0.08	-0.12	45.34	-0.0238	14.9423	0.0387
516	SLU 68	0.08	-0.11	45.04	-0.0238	14.8462	0.0358
516	SLU 69	0.08	-0.14	45.79	-0.024	15.089	0.0476
516	SLU 70	0.08	-0.12	45.8	-0.0241	15.0941	0.0392
516	SLU 71	0.08	-0.15	45.48	-0.0238	14.9895	0.0503
516	SLU 72	0.08	-0.13	45.5	-0.0239	14.9946	0.0419
516	SLU 73	0.09	-0.08	48.82	-0.0257	16.0989	0.0244
516	SLU 74	0.1	-0.11	49.57	-0.0259	16.3416	0.0362
516	SLU 75	0.1	-0.09	49.58	-0.026	16.3467	0.0278
516	SLU 76	0.1	-0.08	49.28	-0.0259	16.2506	0.0249
516	SLU 77	0.1	-0.11	50.03	-0.0261	16.4934	0.0367
516	SLU 78	0.1	-0.09	50.05	-0.0262	16.4985	0.0283
516	SLU 79	0.1	-0.12	49.73	-0.026	16.3939	0.0394
516	SLU 80	0.1	-0.1	49.74	-0.0261	16.399	0.031
516	SLU 81	0.1	-0.1	50.61	-0.0265	16.6922	0.0338
516	SLU 82	0.1	-0.08	50.63	-0.0266	16.6973	0.0253
516	SLU 83	0.1	-0.1	51.08	-0.0267	16.844	0.0342
516	SLU 84	0.1	-0.08	51.09	-0.0268	16.8491	0.0258
516	SLE RA 1	0.06	-0.13	33.46	-0.0177	11.0335	0.0432
516	SLE RA 2	0.06	-0.1	33.48	-0.0178	11.0392	0.0339
516	SLE RA 3	0.06	-0.12	33.98	-0.0179	11.201	0.0418
516	SLE RA 4	0.06	-0.11	33.99	-0.018	11.2044	0.0361
516	SLE RA 5	0.06	-0.1	33.79	-0.018	11.1404	0.0342
516	SLE RA 6	0.06	-0.13	34.29	-0.0181	11.3022	0.0421
516	SLE RA 7	0.06	-0.11	34.3	-0.0182	11.3056	0.0364
516	SLE RA 8	0.06	-0.13	34.08	-0.018	11.2359	0.0439
516	SLE RA 9	0.06	-0.11	34.09	-0.0181	11.2393	0.0382
516	SLE RA 10	0.07	-0.08	36.31	-0.0192	11.9755	0.0266
516	SLE RA 11	0.07	-0.1	36.81	-0.0194	12.1373	0.0345
516	SLE RA 12	0.07	-0.09	36.82	-0.0195	12.1407	0.0288
516	SLE RA 13	0.07	-0.08	36.62	-0.0194	12.0767	0.0269
516	SLE RA 14	0.07	-0.1	37.12	-0.0195	12.2385	0.0348
516	SLE RA 15	0.07	-0.09	37.13	-0.0196	12.2419	0.0292
516	SLE RA 16	0.07	-0.11	36.91	-0.0195	12.1722	0.0366
516	SLE RA 17	0.07	-0.09	36.92	-0.0195	12.1756	0.031
516	SLE RA 18	0.07	-0.1	37.5	-0.0198	12.3711	0.0328
516	SLE RA 19	0.07	-0.08	37.51	-0.0198	12.3745	0.0272
516	SLE RA 20	0.08	-0.1	37.81	-0.0199	12.4723	0.0331
516	SLE RA 21	0.08	-0.08	37.82	-0.02	12.4757	0.0275
516	SLE FR 1	0.06	-0.13	33.46	-0.0177	11.0335	0.0432
516	SLE FR 2	0.06	-0.12	33.47	-0.0177	11.0347	0.0414
516	SLE FR 3	0.06	-0.13	33.59	-0.0178	11.074	0.0434
516	SLE FR 4	0.06	-0.11	34.68	-0.0183	11.4359	0.0382
516	SLE FR 5	0.07	-0.12	34.8	-0.0184	11.4753	0.0402
516	SLE FR 6	0.07	-0.11	35.48	-0.0187	11.7023	0.038
516	SLE QP 1	0.06	-0.13	33.46	-0.0177	11.0335	0.0432
516	SLE QP 2	0.06	-0.12	34.67	-0.0183	11.4348	0.0401
516	SLD 1	2.52	0.28	34.28	-0.018	11.1845	-0.1008
516	SLD 2	2.56	0.31	34.29	-0.0182	11.1855	-0.1113
516	SLD 3	2.54	-0.67	34.62	-0.0146	11.2857	0.2317
516	SLD 4	2.58	-0.64	34.63	-0.0148	11.2868	0.2212
516	SLD 5	0.76	1.44	34.04	-0.0233	11.206	-0.5045
516	SLD 6	0.79	1.46	34.05	-0.0234	11.2067	-0.5115
516	SLD 7	0.83	-1.73	35.17	-0.0121	11.5434	0.6037
516	SLD 8	0.86	-1.71	35.17	-0.0122	11.5441	0.5968
516	SLD 9	-0.73	1.47	34.17	-0.0244	11.3255	-0.5166
516	SLD 10	-0.7	1.49	34.18	-0.0245	11.3262	-0.5235
516	SLD 11	-0.66	-1.7	35.3	-0.0132	11.6629	0.5917
516	SLD 12	-0.63	-1.68	35.31	-0.0133	11.6636	0.5848
516	SLD 13	-2.45	0.4	34.72	-0.0218	11.5828	-0.141
516	SLD 14	-2.41	0.43	34.73	-0.022	11.5839	-0.1515
516	SLD 15	-2.43	-0.55	35.06	-0.0185	11.684	0.1915
516	SLD 16	-2.39	-0.52	35.07	-0.0186	11.6851	0.181
516	SLV 1	5.8	0.79	33.76	-0.0174	10.8528	-0.2776
516	SLV 2	5.91	0.86	33.79	-0.0178	10.8553	-0.302
516	SLV 3	5.85	-1.37	34.53	-0.0098	11.082	0.476
516	SLV 4	5.95	-1.29	34.55	-0.0102	11.0845	0.4516
516	SLV 5	1.7	3.41	33.24	-0.0295	10.9121	-1.1939
516	SLV 6	1.76	3.45	33.25	-0.0298	10.9137	-1.2097
516	SLV 7	1.85	-3.77	35.79	-0.0041	11.6762	1.3181
516	SLV 8	1.92	-3.73	35.8	-0.0044	11.6778	1.3023
516	SLV 9	-1.79	3.49	33.55	-0.0322	11.1918	-1.2221
516	SLV 10	-1.72	3.53	33.56	-0.0325	11.1934	-1.2379
516	SLV 11	-1.63	-3.69	36.1	-0.0068	11.9559	1.29
516	SLV 12	-1.57	-3.65	36.11	-0.0071	11.9575	1.2742
516	SLV 13	-5.82	1.05	34.8	-0.0264	11.7851	-0.3714
516	SLV 14	-5.72	1.13	34.82	-0.0268	11.7876	-0.3958
516	SLV 15	-5.78	-1.1	35.56	-0.0188	12.0143	0.3822
516	SLV 16	-5.67	-1.03	35.59	-0.0192	12.0168	0.3578
516	CRTFP Ux+	0	0	0	0	0	0
516	CRTFP Ux-	0	0	0	0	0	0
516	CRTFP Uy+	0	0	0	0	0	0
516	CRTFP Uy-	0	0	0	0	0	0
521	SLU 1	-0.65	0.41	31.99	-0.878	-6.9629	0.0843
521	SLU 2	-0.64	0.5	31.99	-0.8777	-6.965	0.1061
521	SLU 3	-0.66	0.42	32.76	-0.899	-7.1275	0.087
521	SLU 4	-0.66	0.47	32.76	-0.8988	-7.1288	0.1001
521	SLU 5	-0.66	0.51	32.46	-0.8906	-7.0659	0.1081



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
521	SLU 6	-0.67	0.43	33.23	-0.912	-7.2285	0.089
521	SLU 7	-0.67	0.48	33.23	-0.9118	-7.2297	0.1021
521	SLU 8	-0.67	0.43	32.94	-0.9039	-7.1648	0.0883
521	SLU 9	-0.67	0.48	32.93	-0.9037	-7.166	0.1013
521	SLU 10	-0.68	0.59	35.69	-0.9789	-7.7762	0.1283
521	SLU 11	-0.69	0.51	36.46	-1.0002	-7.9388	0.1093
521	SLU 12	-0.69	0.57	36.46	-1	-7.94	0.1224
521	SLU 13	-0.69	0.6	36.16	-0.9918	-7.8772	0.1303
521	SLU 14	-0.71	0.52	36.93	-1.0132	-8.0397	0.1113
521	SLU 15	-0.71	0.58	36.93	-1.013	-8.041	0.1244
521	SLU 16	-0.7	0.52	36.64	-1.0051	-7.976	0.1106
521	SLU 17	-0.7	0.57	36.64	-1.0049	-7.9773	0.1236
521	SLU 18	-0.69	0.54	37.28	-1.0226	-8.1219	0.1161
521	SLU 19	-0.69	0.59	37.28	-1.0224	-8.1231	0.1292
521	SLU 20	-0.7	0.55	37.75	-1.0355	-8.2228	0.1181
521	SLU 21	-0.7	0.6	37.75	-1.0353	-8.224	0.1312
521	SLU 22	-0.7	0.49	35.71	-0.9796	-7.7738	0.104
521	SLU 23	-0.7	0.58	35.71	-0.9793	-7.7759	0.1258
521	SLU 24	-0.72	0.51	36.48	-1.0006	-7.9384	0.1067
521	SLU 25	-0.71	0.56	36.48	-1.0004	-7.9397	0.1198
521	SLU 26	-0.71	0.59	36.18	-0.9923	-7.8768	0.1278
521	SLU 27	-0.73	0.52	36.95	-1.0136	-8.0394	0.1087
521	SLU 28	-0.73	0.57	36.95	-1.0134	-8.0406	0.1218
521	SLU 29	-0.72	0.51	36.66	-1.0055	-7.9757	0.108
521	SLU 30	-0.72	0.56	36.65	-1.0054	-7.9769	0.1211
521	SLU 31	-0.73	0.67	39.41	-1.0805	-8.5871	0.148
521	SLU 32	-0.75	0.6	40.18	-1.1018	-8.7497	0.129
521	SLU 33	-0.75	0.65	40.18	-1.1016	-8.7509	0.1421
521	SLU 34	-0.74	0.68	39.88	-1.0935	-8.6881	0.15
521	SLU 35	-0.76	0.61	40.65	-1.1148	-8.8506	0.131
521	SLU 36	-0.76	0.66	40.65	-1.1146	-8.8519	0.1441
521	SLU 37	-0.76	0.61	40.36	-1.1067	-8.7869	0.1303
521	SLU 38	-0.75	0.66	40.36	-1.1066	-8.7882	0.1433
521	SLU 39	-0.75	0.63	41	-1.1242	-8.9328	0.1358
521	SLU 40	-0.75	0.68	41	-1.124	-8.934	0.1489
521	SLU 41	-0.76	0.64	41.47	-1.1371	-9.0337	0.1378
521	SLU 42	-0.76	0.69	41.47	-1.137	-9.0349	0.1509
521	SLU 43	-0.82	0.5	40.31	-1.1065	-8.7738	0.1028
521	SLU 44	-0.82	0.59	40.31	-1.1062	-8.7758	0.1246
521	SLU 45	-0.84	0.52	41.08	-1.1275	-8.9384	0.1056
521	SLU 46	-0.84	0.57	41.08	-1.1274	-8.9396	0.1186
521	SLU 47	-0.83	0.6	40.78	-1.1192	-8.8767	0.1266
521	SLU 48	-0.85	0.52	41.55	-1.1405	-9.0393	0.1076
521	SLU 49	-0.85	0.58	41.55	-1.1403	-9.0405	0.1206
521	SLU 50	-0.84	0.52	41.26	-1.1325	-8.9756	0.1068
521	SLU 51	-0.84	0.57	41.25	-1.1323	-8.9769	0.1199
521	SLU 52	-0.85	0.68	44.01	-1.2074	-9.5871	0.1469
521	SLU 53	-0.87	0.61	44.78	-1.2287	-9.7496	0.1278
521	SLU 54	-0.87	0.66	44.78	-1.2286	-9.7509	0.1409
521	SLU 55	-0.86	0.69	44.48	-1.2204	-9.688	0.1489
521	SLU 56	-0.88	0.62	45.25	-1.2417	-9.8506	0.1298
521	SLU 57	-0.88	0.67	45.25	-1.2415	-9.8518	0.1429
521	SLU 58	-0.88	0.61	44.96	-1.2337	-9.7869	0.1291
521	SLU 59	-0.88	0.67	44.96	-1.2335	-9.7881	0.1421
521	SLU 60	-0.87	0.64	45.6	-1.2511	-9.9327	0.1346
521	SLU 61	-0.87	0.69	45.6	-1.2509	-9.9339	0.1477
521	SLU 62	-0.88	0.64	46.07	-1.2641	-10.0336	0.1366
521	SLU 63	-0.88	0.7	46.07	-1.2639	-10.0349	0.1497
521	SLU 64	-0.87	0.59	44.03	-1.2082	-9.5847	0.1225
521	SLU 65	-0.87	0.67	44.03	-1.2079	-9.5867	0.1443
521	SLU 66	-0.89	0.6	44.8	-1.2292	-9.7493	0.1253
521	SLU 67	-0.89	0.65	44.8	-1.229	-9.7505	0.1383
521	SLU 68	-0.88	0.68	44.5	-1.2208	-9.6877	0.1463
521	SLU 69	-0.9	0.61	45.27	-1.2421	-9.8502	0.1273
521	SLU 70	-0.9	0.66	45.27	-1.242	-9.8515	0.1403
521	SLU 71	-0.9	0.61	44.98	-1.2341	-9.7865	0.1265
521	SLU 72	-0.9	0.66	44.98	-1.2339	-9.7878	0.1396
521	SLU 73	-0.91	0.77	47.73	-1.3091	-10.398	0.1666
521	SLU 74	-0.92	0.69	48.5	-1.3304	-10.5606	0.1475
521	SLU 75	-0.92	0.75	48.5	-1.3302	-10.5618	0.1606
521	SLU 76	-0.92	0.78	48.2	-1.322	-10.4989	0.1686
521	SLU 77	-0.94	0.7	48.97	-1.3433	-10.6615	0.1495
521	SLU 78	-0.93	0.76	48.97	-1.3432	-10.6627	0.1626
521	SLU 79	-0.93	0.7	48.68	-1.3353	-10.5978	0.1488
521	SLU 80	-0.93	0.75	48.68	-1.3351	-10.599	0.1619
521	SLU 81	-0.92	0.72	49.32	-1.3527	-10.7436	0.1544
521	SLU 82	-0.92	0.77	49.32	-1.3526	-10.7448	0.1674
521	SLU 83	-0.93	0.73	49.79	-1.3657	-10.8445	0.1563
521	SLU 84	-0.93	0.78	49.79	-1.3655	-10.8458	0.1694
521	SLE RA 1	-0.66	0.43	33.05	-0.907	-7.1946	0.0899
521	SLE RA 2	-0.66	0.49	33.05	-0.9068	-7.196	0.1044
521	SLE RA 3	-0.67	0.44	33.56	-0.921	-7.3043	0.0917
521	SLE RA 4	-0.67	0.48	33.56	-0.9209	-7.3052	0.1005
521	SLE RA 5	-0.67	0.5	33.37	-0.9155	-7.2633	0.1058
521	SLE RA 6	-0.68	0.45	33.88	-0.9297	-7.3716	0.0931
521	SLE RA 7	-0.68	0.48	33.88	-0.9295	-7.3725	0.1018
521	SLE RA 8	-0.68	0.45	33.68	-0.9243	-7.3292	0.0926
521	SLE RA 9	-0.68	0.48	33.68	-0.9242	-7.33	0.1013
521	SLE RA 10	-0.68	0.55	35.52	-0.9743	-7.7368	0.1193



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
521	SLE RA 11	-0.69	0.5	36.03	-0.9885	-7.8452	0.1066
521	SLE RA 12	-0.69	0.54	36.03	-0.9884	-7.846	0.1153
521	SLE RA 13	-0.69	0.56	35.83	-0.9829	-7.8041	0.1206
521	SLE RA 14	-0.7	0.51	36.35	-0.9971	-7.9125	0.1079
521	SLE RA 15	-0.7	0.54	36.35	-0.997	-7.9133	0.1166
521	SLE RA 16	-0.7	0.51	36.15	-0.9918	-7.87	0.1074
521	SLE RA 17	-0.7	0.54	36.15	-0.9916	-7.8708	0.1161
521	SLE RA 18	-0.69	0.52	36.58	-1.0034	-7.9672	0.1111
521	SLE RA 19	-0.69	0.56	36.58	-1.0033	-7.9681	0.1198
521	SLE RA 20	-0.7	0.53	36.89	-1.012	-8.0345	0.1125
521	SLE RA 21	-0.7	0.56	36.89	-1.0119	-8.0353	0.1212
521	SLE FR 1	-0.66	0.43	33.05	-0.907	-7.1946	0.0899
521	SLE FR 2	-0.66	0.45	33.05	-0.907	-7.1949	0.0928
521	SLE FR 3	-0.66	0.44	33.18	-0.9105	-7.2215	0.0905
521	SLE FR 4	-0.67	0.47	34.11	-0.9359	-7.4267	0.0992
521	SLE FR 5	-0.67	0.46	34.24	-0.9394	-7.4533	0.0968
521	SLE FR 6	-0.68	0.48	34.82	-0.9552	-7.5809	0.1005
521	SLE QP 1	-0.66	0.43	33.05	-0.907	-7.1946	0.0899
521	SLE QP 2	-0.67	0.46	34.11	-0.9359	-7.4264	0.0963
521	SLD 1	1.39	1.01	43.45	-1.1929	-9.334	0.3301
521	SLD 2	1.42	0.54	43.42	-1.1914	-9.3352	0.2158
521	SLD 3	1.44	-0.12	43.3	-1.1883	-9.3032	0.051
521	SLD 4	1.47	-0.58	43.27	-1.1868	-9.3044	-0.0633
521	SLD 5	-0.13	2.41	37.14	-1.0201	-8.0452	0.6101
521	SLD 6	-0.11	2.11	37.12	-1.0191	-8.046	0.5349
521	SLD 7	0.03	-1.33	36.66	-1.0051	-7.9424	-0.32
521	SLD 8	0.05	-1.64	36.64	-1.0041	-7.9433	-0.3953
521	SLD 9	-1.39	2.56	31.59	-0.8678	-6.9095	0.5879
521	SLD 10	-1.37	2.25	31.57	-0.8668	-6.9103	0.5126
521	SLD 11	-1.23	-1.19	31.1	-0.8527	-6.8068	-0.3423
521	SLD 12	-1.21	-1.49	31.08	-0.8518	-6.8076	-0.4176
521	SLD 13	-2.81	1.5	24.95	-0.685	-5.5484	0.2558
521	SLD 14	-2.78	1.04	24.92	-0.6835	-5.5496	0.1416
521	SLD 15	-2.76	0.38	24.8	-0.6805	-5.5176	-0.0232
521	SLD 16	-2.73	-0.09	24.77	-0.679	-5.5188	-0.1375
521	SLV 1	4.16	1.7	55.97	-1.5372	-11.8914	0.6331
521	SLV 2	4.23	0.62	55.9	-1.5337	-11.8942	0.367
521	SLV 3	4.27	-0.85	55.63	-1.5269	-11.8194	0.001
521	SLV 4	4.34	-1.93	55.56	-1.5234	-11.8223	-0.2652
521	SLV 5	0.59	4.88	41.18	-1.1326	-8.8745	1.2623
521	SLV 6	0.64	4.18	41.14	-1.1303	-8.8763	1.0901
521	SLV 7	0.97	-3.6	40.08	-1.0982	-8.6347	-0.8449
521	SLV 8	1.02	-4.3	40.03	-1.0959	-8.6366	-1.0171
521	SLV 9	-2.36	5.22	28.19	-0.776	-6.2162	1.2096
521	SLV 10	-2.31	4.52	28.15	-0.7737	-6.2181	1.0374
521	SLV 11	-1.98	-3.26	27.08	-0.7415	-5.9764	-0.8975
521	SLV 12	-1.93	-3.96	27.04	-0.7393	-5.9783	-1.0697
521	SLV 13	-5.68	2.85	12.66	-0.3485	-3.0305	0.4577
521	SLV 14	-5.61	1.77	12.59	-0.345	-3.0333	0.1916
521	SLV 15	-5.57	0.3	12.33	-0.3381	-2.9585	-0.1744
521	SLV 16	-5.5	-0.78	12.26	-0.3347	-2.9614	-0.4406
521	CRTFP Ux+	0	0	0	0	0	0
521	CRTFP Ux-	0	0	0	0	0	0
521	CRTFP Uy+	0	0	0	0	0	0
521	CRTFP Uy-	0	0	0	0	0	0
524	SLU 1	-0.66	-0.9	51.31	-1.4337	-0.1086	-0.011
524	SLU 2	-0.66	-0.82	51.33	-1.434	-0.11	-0.0109
524	SLU 3	-0.68	-0.91	52.54	-1.4681	-0.112	-0.0113
524	SLU 4	-0.68	-0.86	52.55	-1.4683	-0.1129	-0.0112
524	SLU 5	-0.67	-0.83	52.07	-1.4548	-0.1115	-0.0112
524	SLU 6	-0.69	-0.93	53.28	-1.4889	-0.1135	-0.0116
524	SLU 7	-0.69	-0.88	53.3	-1.4891	-0.1143	-0.0115
524	SLU 8	-0.69	-0.93	52.79	-1.4753	-0.1115	-0.0116
524	SLU 9	-0.69	-0.88	52.8	-1.4754	-0.1124	-0.0115
524	SLU 10	-0.68	-0.84	57.71	-1.6104	-0.134	-0.0106
524	SLU 11	-0.69	-0.94	58.92	-1.6444	-0.136	-0.011
524	SLU 12	-0.69	-0.89	58.93	-1.6446	-0.1369	-0.011
524	SLU 13	-0.69	-0.86	58.45	-1.6311	-0.1355	-0.0109
524	SLU 14	-0.71	-0.95	59.66	-1.6652	-0.1375	-0.0113
524	SLU 15	-0.71	-0.9	59.67	-1.6654	-0.1383	-0.0112
524	SLU 16	-0.7	-0.95	59.17	-1.6516	-0.1355	-0.0113
524	SLU 17	-0.7	-0.9	59.18	-1.6518	-0.1364	-0.0112
524	SLU 18	-0.68	-0.93	60.42	-1.6856	-0.1429	-0.0107
524	SLU 19	-0.68	-0.88	60.43	-1.6858	-0.1437	-0.0106
524	SLU 20	-0.7	-0.95	61.16	-1.7064	-0.1443	-0.0109
524	SLU 21	-0.7	-0.9	61.17	-1.7066	-0.1452	-0.0109
524	SLU 22	-0.71	-0.89	57.42	-1.6022	-0.1212	-0.0116
524	SLU 23	-0.71	-0.81	57.43	-1.6025	-0.1227	-0.0115
524	SLU 24	-0.73	-0.91	58.65	-1.6366	-0.1247	-0.0119
524	SLU 25	-0.73	-0.86	58.66	-1.6367	-0.1255	-0.0118
524	SLU 26	-0.72	-0.83	58.17	-1.6233	-0.1242	-0.0117
524	SLU 27	-0.74	-0.92	59.39	-1.6573	-0.1261	-0.0121
524	SLU 28	-0.74	-0.87	59.4	-1.6575	-0.127	-0.0121
524	SLU 29	-0.74	-0.92	58.9	-1.6437	-0.1242	-0.0121
524	SLU 30	-0.74	-0.87	58.91	-1.6439	-0.1251	-0.0121
524	SLU 31	-0.73	-0.84	63.81	-1.7788	-0.1467	-0.0112
524	SLU 32	-0.74	-0.93	65.02	-1.8129	-0.1487	-0.0116
524	SLU 33	-0.74	-0.88	65.03	-1.8131	-0.1495	-0.0115
524	SLU 34	-0.74	-0.85	64.55	-1.7996	-0.1482	-0.0115



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
524	SLU 35	-0.76	-0.94	65.76	-1.8337	-0.1501	-0.0119
524	SLU 36	-0.76	-0.9	65.78	-1.8339	-0.151	-0.0118
524	SLU 37	-0.75	-0.95	65.27	-1.8201	-0.1482	-0.0119
524	SLU 38	-0.75	-0.9	65.28	-1.8202	-0.1491	-0.0118
524	SLU 39	-0.73	-0.93	66.52	-1.8541	-0.1555	-0.0112
524	SLU 40	-0.73	-0.88	66.53	-1.8543	-0.1564	-0.0111
524	SLU 41	-0.75	-0.94	67.26	-1.8749	-0.157	-0.0115
524	SLU 42	-0.75	-0.89	67.28	-1.8751	-0.1579	-0.0114
524	SLU 43	-0.84	-1.17	64.61	-1.8061	-0.1368	-0.0142
524	SLU 44	-0.84	-1.09	64.63	-1.8064	-0.1382	-0.014
524	SLU 45	-0.86	-1.19	65.84	-1.8404	-0.1402	-0.0144
524	SLU 46	-0.86	-1.14	65.86	-1.8406	-0.1411	-0.0144
524	SLU 47	-0.86	-1.1	65.37	-1.8272	-0.1397	-0.0143
524	SLU 48	-0.87	-1.2	66.59	-1.8612	-0.1417	-0.0147
524	SLU 49	-0.87	-1.15	66.6	-1.8614	-0.1426	-0.0146
524	SLU 50	-0.87	-1.2	66.09	-1.8476	-0.1397	-0.0147
524	SLU 51	-0.87	-1.15	66.1	-1.8478	-0.1406	-0.0146
524	SLU 52	-0.86	-1.11	71.01	-1.9827	-0.1623	-0.0138
524	SLU 53	-0.88	-1.21	72.22	-2.0168	-0.1642	-0.0142
524	SLU 54	-0.88	-1.16	72.23	-2.017	-0.1651	-0.0141
524	SLU 55	-0.87	-1.13	71.75	-2.0035	-0.1637	-0.014
524	SLU 56	-0.89	-1.22	72.96	-2.0376	-0.1657	-0.0144
524	SLU 57	-0.89	-1.17	72.97	-2.0377	-0.1666	-0.0144
524	SLU 58	-0.88	-1.22	72.47	-2.024	-0.1637	-0.0145
524	SLU 59	-0.88	-1.17	72.48	-2.0241	-0.1646	-0.0144
524	SLU 60	-0.87	-1.21	73.72	-2.058	-0.1711	-0.0138
524	SLU 61	-0.87	-1.16	73.73	-2.0582	-0.172	-0.0137
524	SLU 62	-0.88	-1.22	74.46	-2.0788	-0.1726	-0.0141
524	SLU 63	-0.88	-1.17	74.47	-2.0789	-0.1734	-0.014
524	SLU 64	-0.89	-1.17	70.72	-1.9745	-0.1495	-0.0147
524	SLU 65	-0.89	-1.08	70.73	-1.9748	-0.1509	-0.0146
524	SLU 66	-0.91	-1.18	71.95	-2.0089	-0.1529	-0.015
524	SLU 67	-0.91	-1.13	71.96	-2.0091	-0.1538	-0.0149
524	SLU 68	-0.91	-1.1	71.47	-1.9956	-0.1524	-0.0149
524	SLU 69	-0.92	-1.19	72.69	-2.0297	-0.1544	-0.0153
524	SLU 70	-0.92	-1.14	72.7	-2.0299	-0.1552	-0.0152
524	SLU 71	-0.92	-1.2	72.2	-2.0161	-0.1524	-0.0153
524	SLU 72	-0.92	-1.15	72.21	-2.0163	-0.1533	-0.0152
524	SLU 73	-0.91	-1.11	77.11	-2.1512	-0.1749	-0.0143
524	SLU 74	-0.93	-1.2	78.32	-2.1853	-0.1769	-0.0147
524	SLU 75	-0.92	-1.15	78.34	-2.1854	-0.1778	-0.0146
524	SLU 76	-0.92	-1.12	77.85	-2.172	-0.1764	-0.0146
524	SLU 77	-0.94	-1.22	79.07	-2.206	-0.1784	-0.015
524	SLU 78	-0.94	-1.17	79.08	-2.2062	-0.1792	-0.0149
524	SLU 79	-0.93	-1.22	78.57	-2.1924	-0.1764	-0.015
524	SLU 80	-0.93	-1.17	78.58	-2.1926	-0.1773	-0.0149
524	SLU 81	-0.92	-1.2	79.82	-2.2264	-0.1838	-0.0143
524	SLU 82	-0.92	-1.15	79.84	-2.2266	-0.1846	-0.0143
524	SLU 83	-0.93	-1.21	80.57	-2.2472	-0.1852	-0.0146
524	SLU 84	-0.93	-1.16	80.58	-2.2474	-0.1861	-0.0145
524	SLE RA 1	-0.68	-0.9	53.06	-1.4819	-0.1122	-0.0112
524	SLE RA 2	-0.68	-0.84	53.07	-1.4821	-0.1132	-0.0111
524	SLE RA 3	-0.69	-0.91	53.88	-1.5048	-0.1145	-0.0114
524	SLE RA 4	-0.69	-0.87	53.88	-1.5049	-0.115	-0.0113
524	SLE RA 5	-0.68	-0.85	53.56	-1.4959	-0.1141	-0.0113
524	SLE RA 6	-0.7	-0.92	54.37	-1.5186	-0.1154	-0.0116
524	SLE RA 7	-0.7	-0.88	54.38	-1.5187	-0.116	-0.0115
524	SLE RA 8	-0.69	-0.92	54.04	-1.5095	-0.1141	-0.0116
524	SLE RA 9	-0.69	-0.88	54.05	-1.5097	-0.1147	-0.0115
524	SLE RA 10	-0.69	-0.86	57.32	-1.5996	-0.1292	-0.0109
524	SLE RA 11	-0.7	-0.92	58.13	-1.6223	-0.1305	-0.0112
524	SLE RA 12	-0.7	-0.89	58.14	-1.6224	-0.1311	-0.0111
524	SLE RA 13	-0.69	-0.87	57.81	-1.6135	-0.1301	-0.0111
524	SLE RA 14	-0.71	-0.93	58.62	-1.6362	-0.1315	-0.0114
524	SLE RA 15	-0.71	-0.9	58.63	-1.6363	-0.132	-0.0113
524	SLE RA 16	-0.7	-0.93	58.29	-1.6271	-0.1301	-0.0114
524	SLE RA 17	-0.7	-0.9	58.3	-1.6272	-0.1307	-0.0113
524	SLE RA 18	-0.69	-0.92	59.13	-1.6498	-0.135	-0.0109
524	SLE RA 19	-0.69	-0.89	59.13	-1.6499	-0.1356	-0.0109
524	SLE RA 20	-0.7	-0.93	59.62	-1.6636	-0.136	-0.0111
524	SLE RA 21	-0.7	-0.9	59.63	-1.6638	-0.1366	-0.0111
524	SLE FR 1	-0.68	-0.9	53.06	-1.4819	-0.1122	-0.0112
524	SLE FR 2	-0.68	-0.89	53.06	-1.4819	-0.1124	-0.0112
524	SLE FR 3	-0.68	-0.9	53.25	-1.4874	-0.1126	-0.0113
524	SLE FR 4	-0.68	-0.89	54.88	-1.5323	-0.1192	-0.0111
524	SLE FR 5	-0.68	-0.91	55.07	-1.5378	-0.1194	-0.0112
524	SLE FR 6	-0.68	-0.91	56.09	-1.5658	-0.1236	-0.0111
524	SLE QP 1	-0.68	-0.9	53.06	-1.4819	-0.1122	-0.0112
524	SLE QP 2	-0.68	-0.91	54.88	-1.5322	-0.119	-0.0111
524	SLD 1	3.63	-0.64	58.93	-1.6461	0.057	0.1162
524	SLD 2	3.67	-0.95	59	-1.6474	0.0533	0.1234
524	SLD 3	3.67	-2.05	59.33	-1.6567	0.0211	0.1176
524	SLD 4	3.71	-2.36	59.4	-1.658	0.0174	0.1248
524	SLD 5	0.54	1.37	55.47	-1.5501	-0.0111	0.0237
524	SLD 6	0.56	1.16	55.52	-1.551	-0.0136	0.0284
524	SLD 7	0.68	-3.33	56.8	-1.5853	-0.1308	0.0283
524	SLD 8	0.71	-3.54	56.85	-1.5862	-0.1332	0.033
524	SLD 9	-2.07	1.72	52.9	-1.4783	-0.1049	-0.0553
524	SLD 10	-2.05	1.52	52.95	-1.4791	-0.1073	-0.0505



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
524	SLD 11	-1.93	-2.97	54.23	-1.5134	-0.2245	-0.0507
524	SLD 12	-1.9	-3.18	54.28	-1.5143	-0.227	-0.0459
524	SLD 13	-5.07	0.55	50.35	-1.4065	-0.2555	-0.1471
524	SLD 14	-5.03	0.24	50.43	-1.4078	-0.2592	-0.1399
524	SLD 15	-5.03	-0.86	50.75	-1.417	-0.2914	-0.1457
524	SLD 16	-4.99	-1.17	50.83	-1.4184	-0.2951	-0.1385
524	SLV 1	9.4	-0.33	64.37	-1.7991	0.2921	0.2869
524	SLV 2	9.49	-1.07	64.54	-1.8022	0.2834	0.3036
524	SLV 3	9.5	-3.53	65.28	-1.8232	0.2099	0.2901
524	SLV 4	9.59	-4.26	65.45	-1.8262	0.2012	0.3069
524	SLV 5	2.17	4.24	56.31	-1.5752	0.1305	0.0705
524	SLV 6	2.23	3.76	56.43	-1.5772	0.1249	0.0813
524	SLV 7	2.51	-6.41	59.35	-1.6555	-0.1436	0.0812
524	SLV 8	2.57	-6.88	59.46	-1.6575	-0.1491	0.0921
524	SLV 9	-3.93	5.07	50.3	-1.407	-0.0889	-0.1143
524	SLV 10	-3.88	4.6	50.41	-1.409	-0.0945	-0.1035
524	SLV 11	-3.59	-5.57	53.33	-1.4872	-0.363	-0.1036
524	SLV 12	-3.53	-6.05	53.44	-1.4892	-0.3685	-0.0927
524	SLV 13	-10.95	2.45	44.3	-1.2382	-0.4393	-0.3291
524	SLV 14	-10.86	1.72	44.48	-1.2413	-0.4479	-0.3123
524	SLV 15	-10.85	-0.75	45.21	-1.2623	-0.5215	-0.3259
524	SLV 16	-10.76	-1.48	45.39	-1.2654	-0.5301	-0.3091
524	CRTFP Ux+	0	0	0	0	0	0
524	CRTFP Ux-	0	0	0	0	0	0
527	SLU 1	0.62	-0.29	51.34	-1.4352	0.1014	0.0139
527	SLU 2	0.62	-0.21	51.37	-1.4359	0.103	0.0138
527	SLU 3	0.64	-0.3	52.55	-1.4691	0.1034	0.0143
527	SLU 4	0.64	-0.25	52.57	-1.4695	0.1044	0.0142
527	SLU 5	0.63	-0.22	52.1	-1.4566	0.1029	0.014
527	SLU 6	0.65	-0.31	53.29	-1.4898	0.1032	0.0146
527	SLU 7	0.65	-0.26	53.3	-1.4902	0.1042	0.0145
527	SLU 8	0.64	-0.31	52.81	-1.4766	0.101	0.0144
527	SLU 9	0.64	-0.26	52.83	-1.477	0.102	0.0143
527	SLU 10	0.66	-0.17	57.66	-1.6104	0.1205	0.0148
527	SLU 11	0.68	-0.26	58.84	-1.6436	0.1209	0.0154
527	SLU 12	0.67	-0.21	58.86	-1.644	0.1219	0.0153
527	SLU 13	0.67	-0.18	58.39	-1.6311	0.1203	0.0151
527	SLU 14	0.69	-0.27	59.58	-1.6643	0.1207	0.0156
527	SLU 15	0.68	-0.22	59.59	-1.6647	0.1217	0.0155
527	SLU 16	0.68	-0.28	59.1	-1.6511	0.1185	0.0155
527	SLU 17	0.68	-0.23	59.12	-1.6515	0.1195	0.0154
527	SLU 18	0.68	-0.24	60.32	-1.6845	0.1263	0.0155
527	SLU 19	0.67	-0.19	60.34	-1.6849	0.1273	0.0153
527	SLU 20	0.69	-0.25	61.06	-1.7052	0.1262	0.0157
527	SLU 21	0.68	-0.2	61.08	-1.7056	0.1271	0.0156
527	SLU 22	0.68	-0.23	57.4	-1.6034	0.1005	0.0156
527	SLU 23	0.68	-0.14	57.42	-1.604	0.1022	0.0154
527	SLU 24	0.7	-0.23	58.61	-1.6373	0.1025	0.016
527	SLU 25	0.69	-0.18	58.62	-1.6377	0.1035	0.0159
527	SLU 26	0.69	-0.15	58.16	-1.6247	0.102	0.0157
527	SLU 27	0.71	-0.24	59.35	-1.658	0.1023	0.0162
527	SLU 28	0.7	-0.19	59.36	-1.6584	0.1033	0.0161
527	SLU 29	0.7	-0.25	58.87	-1.6448	0.1001	0.0161
527	SLU 30	0.7	-0.2	58.89	-1.6452	0.1011	0.016
527	SLU 31	0.71	-0.11	63.71	-1.7785	0.1196	0.0165
527	SLU 32	0.73	-0.2	64.9	-1.8117	0.12	0.0171
527	SLU 33	0.73	-0.15	64.91	-1.8121	0.121	0.0169
527	SLU 34	0.72	-0.12	64.45	-1.7992	0.1194	0.0167
527	SLU 35	0.74	-0.21	65.63	-1.8325	0.1198	0.0173
527	SLU 36	0.74	-0.16	65.65	-1.8329	0.1208	0.0172
527	SLU 37	0.74	-0.21	65.16	-1.8193	0.1176	0.0171
527	SLU 38	0.73	-0.16	65.17	-1.8197	0.1186	0.017
527	SLU 39	0.73	-0.18	66.38	-1.8526	0.1255	0.0171
527	SLU 40	0.73	-0.13	66.4	-1.853	0.1265	0.017
527	SLU 41	0.74	-0.19	67.12	-1.8733	0.1253	0.0174
527	SLU 42	0.74	-0.14	67.13	-1.8737	0.1263	0.0173
527	SLU 43	0.79	-0.4	64.67	-1.8081	0.1321	0.0176
527	SLU 44	0.79	-0.32	64.69	-1.8088	0.1337	0.0174
527	SLU 45	0.81	-0.41	65.88	-1.842	0.1341	0.0179
527	SLU 46	0.81	-0.36	65.89	-1.8424	0.1351	0.0178
527	SLU 47	0.8	-0.33	65.43	-1.8295	0.1336	0.0176
527	SLU 48	0.82	-0.42	66.61	-1.8627	0.1339	0.0182
527	SLU 49	0.82	-0.37	66.63	-1.8631	0.1349	0.0181
527	SLU 50	0.81	-0.42	66.14	-1.8495	0.1317	0.018
527	SLU 51	0.81	-0.37	66.16	-1.8499	0.1327	0.0179
527	SLU 52	0.83	-0.28	70.98	-1.9833	0.1512	0.0184
527	SLU 53	0.85	-0.37	72.17	-2.0165	0.1516	0.019
527	SLU 54	0.84	-0.32	72.18	-2.0169	0.1526	0.0189
527	SLU 55	0.84	-0.29	71.72	-2.004	0.151	0.0187
527	SLU 56	0.86	-0.38	72.9	-2.0372	0.1514	0.0192
527	SLU 57	0.85	-0.33	72.92	-2.0376	0.1524	0.0191
527	SLU 58	0.85	-0.39	72.43	-2.024	0.1492	0.0191
527	SLU 59	0.85	-0.34	72.44	-2.0244	0.1502	0.019
527	SLU 60	0.84	-0.36	73.65	-2.0574	0.1571	0.0191
527	SLU 61	0.84	-0.3	73.67	-2.0578	0.158	0.019
527	SLU 62	0.85	-0.37	74.39	-2.0781	0.1569	0.0193
527	SLU 63	0.85	-0.31	74.4	-2.0785	0.1579	0.0192
527	SLU 64	0.85	-0.34	70.72	-1.9763	0.1312	0.0192
527	SLU 65	0.85	-0.25	70.75	-1.9769	0.1329	0.019



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
527	SLU 66	0.86	-0.34	71.93	-2.0102	0.1332	0.0196
527	SLU 67	0.86	-0.29	71.95	-2.0106	0.1342	0.0195
527	SLU 68	0.86	-0.26	71.49	-1.9976	0.1327	0.0193
527	SLU 69	0.87	-0.35	72.67	-2.0309	0.1331	0.0198
527	SLU 70	0.87	-0.3	72.69	-2.0313	0.1341	0.0197
527	SLU 71	0.87	-0.36	72.2	-2.0177	0.1309	0.0197
527	SLU 72	0.87	-0.31	72.21	-2.0181	0.1319	0.0196
527	SLU 73	0.88	-0.22	77.04	-2.1514	0.1503	0.0201
527	SLU 74	0.9	-0.31	78.22	-2.1847	0.1507	0.0207
527	SLU 75	0.9	-0.26	78.24	-2.1851	0.1517	0.0206
527	SLU 76	0.89	-0.23	77.77	-2.1721	0.1502	0.0203
527	SLU 77	0.91	-0.32	78.96	-2.2054	0.1505	0.0209
527	SLU 78	0.91	-0.27	78.97	-2.2058	0.1515	0.0208
527	SLU 79	0.9	-0.32	78.48	-2.1922	0.1483	0.0208
527	SLU 80	0.9	-0.27	78.5	-2.1926	0.1493	0.0207
527	SLU 81	0.9	-0.29	79.71	-2.2255	0.1562	0.0207
527	SLU 82	0.9	-0.24	79.72	-2.2259	0.1572	0.0206
527	SLU 83	0.91	-0.3	80.44	-2.2462	0.156	0.021
527	SLU 84	0.91	-0.25	80.46	-2.2466	0.157	0.0209
527	SLE RA 1	0.64	-0.27	53.07	-1.4832	0.1011	0.0144
527	SLE RA 2	0.64	-0.22	53.09	-1.4837	0.1022	0.0143
527	SLE RA 3	0.65	-0.28	53.88	-1.5059	0.1025	0.0147
527	SLE RA 4	0.65	-0.24	53.89	-1.5061	0.1031	0.0146
527	SLE RA 5	0.64	-0.22	53.58	-1.4975	0.1021	0.0145
527	SLE RA 6	0.66	-0.28	54.37	-1.5197	0.1024	0.0148
527	SLE RA 7	0.66	-0.25	54.38	-1.5199	0.103	0.0148
527	SLE RA 8	0.65	-0.29	54.05	-1.5109	0.1009	0.0147
527	SLE RA 9	0.65	-0.25	54.06	-1.5111	0.1016	0.0147
527	SLE RA 10	0.66	-0.19	57.28	-1.6	0.1139	0.015
527	SLE RA 11	0.68	-0.25	58.07	-1.6222	0.1141	0.0154
527	SLE RA 12	0.67	-0.22	58.08	-1.6224	0.1148	0.0153
527	SLE RA 13	0.67	-0.2	57.77	-1.6138	0.1138	0.0152
527	SLE RA 14	0.68	-0.26	58.56	-1.636	0.114	0.0155
527	SLE RA 15	0.68	-0.23	58.57	-1.6362	0.1147	0.0155
527	SLE RA 16	0.68	-0.26	58.25	-1.6272	0.1125	0.0154
527	SLE RA 17	0.68	-0.23	58.26	-1.6274	0.1132	0.0154
527	SLE RA 18	0.67	-0.24	59.06	-1.6494	0.1178	0.0154
527	SLE RA 19	0.67	-0.21	59.07	-1.6497	0.1184	0.0154
527	SLE RA 20	0.68	-0.25	59.55	-1.6632	0.1176	0.0156
527	SLE RA 21	0.68	-0.21	59.56	-1.6635	0.1183	0.0155
527	SLE FR 1	0.64	-0.27	53.07	-1.4832	0.1011	0.0144
527	SLE FR 2	0.64	-0.26	53.08	-1.4833	0.1014	0.0144
527	SLE FR 3	0.64	-0.28	53.27	-1.4888	0.1011	0.0145
527	SLE FR 4	0.65	-0.25	54.87	-1.5332	0.1063	0.0147
527	SLE FR 5	0.65	-0.27	55.06	-1.5386	0.1061	0.0148
527	SLE FR 6	0.66	-0.26	56.07	-1.5663	0.1094	0.0149
527	SLE QP 1	0.64	-0.27	53.07	-1.4832	0.1011	0.0144
527	SLE QP 2	0.65	-0.26	54.87	-1.5331	0.1061	0.0147
527	SLD 1	4.78	0.71	50.74	-1.4209	0.1288	0.1362
527	SLD 2	4.83	1.05	50.71	-1.4215	0.1233	0.1446
527	SLD 3	4.75	-0.73	51.16	-1.429	0.1664	0.1344
527	SLD 4	4.79	-0.39	51.14	-1.4295	0.1609	0.1428
527	SLD 5	1.94	2.15	52.98	-1.4871	0.0569	0.0524
527	SLD 6	1.97	2.38	52.97	-1.4875	0.0532	0.0579
527	SLD 7	1.82	-2.65	54.41	-1.514	0.1823	0.0464
527	SLD 8	1.85	-2.43	54.39	-1.5144	0.1786	0.0519
527	SLD 9	-0.54	1.9	55.34	-1.5518	0.0337	-0.0224
527	SLD 10	-0.52	2.12	55.33	-1.5522	0.03	-0.0169
527	SLD 11	-0.66	-2.9	56.77	-1.5787	0.159	-0.0285
527	SLD 12	-0.64	-2.68	56.75	-1.5791	0.1554	-0.023
527	SLD 13	-3.49	-0.14	58.6	-1.6367	0.0514	-0.1133
527	SLD 14	-3.45	0.2	58.57	-1.6372	0.0458	-0.105
527	SLD 15	-3.52	-1.58	59.03	-1.6447	0.089	-0.1151
527	SLD 16	-3.48	-1.24	59	-1.6453	0.0834	-0.1068
527	SLV 1	10.32	1.96	45.21	-1.2709	0.1596	0.299
527	SLV 2	10.42	2.76	45.15	-1.2721	0.1467	0.3185
527	SLV 3	10.24	-1.3	46.18	-1.2892	0.2449	0.2949
527	SLV 4	10.34	-0.51	46.12	-1.2904	0.232	0.3143
527	SLV 5	3.66	5.22	50.5	-1.4264	-0.005	0.1029
527	SLV 6	3.72	5.73	50.46	-1.4272	-0.0134	0.1155
527	SLV 7	3.38	-5.67	53.75	-1.4876	0.2794	0.0891
527	SLV 8	3.45	-5.15	53.71	-1.4884	0.271	0.1017
527	SLV 9	-2.15	4.63	56.03	-1.5778	-0.0588	-0.0723
527	SLV 10	-2.08	5.14	55.99	-1.5786	-0.0672	-0.0597
527	SLV 11	-2.42	-6.26	59.27	-1.6391	0.2256	-0.086
527	SLV 12	-2.36	-5.75	59.23	-1.6398	0.2172	-0.0735
527	SLV 13	-9.04	-0.02	63.61	-1.7758	-0.0197	-0.2849
527	SLV 14	-8.93	0.77	63.55	-1.777	-0.0327	-0.2654
527	SLV 15	-9.12	-3.28	64.59	-1.7941	0.0656	-0.289
527	SLV 16	-9.02	-2.49	64.53	-1.7954	0.0526	-0.2696
527	CRTFP Ux+	0	0	0	0	0	0
527	CRTFP Ux-	0	0	0	0	0	0
527	CRTFP Uy+	0	0	0	0	0	0
527	CRTFP Uy-	0	0	0	0	0	0
528	SLU 1	0.68	0.32	36.25	-0.9947	11.2131	-0.0944
528	SLU 2	0.68	0.42	36.25	-0.9945	11.2149	-0.1275
528	SLU 3	0.7	0.33	37.13	-1.0187	11.4787	-0.0951
528	SLU 4	0.7	0.38	37.13	-1.0185	11.4798	-0.115
528	SLU 5	0.69	0.42	36.79	-1.0093	11.3789	-0.1267



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
528	SLU 6	0.71	0.33	37.67	-1.0335	11.6427	-0.0943
528	SLU 7	0.71	0.38	37.67	-1.0333	11.6438	-0.1142
528	SLU 8	0.71	0.32	37.33	-1.0244	11.5411	-0.0929
528	SLU 9	0.7	0.38	37.33	-1.0242	11.5422	-0.1127
528	SLU 10	0.72	0.52	40.45	-1.1093	12.518	-0.1608
528	SLU 11	0.74	0.42	41.33	-1.1335	12.7818	-0.1284
528	SLU 12	0.74	0.48	41.32	-1.1333	12.7829	-0.1483
528	SLU 13	0.73	0.51	40.99	-1.1241	12.682	-0.16
528	SLU 14	0.75	0.42	41.87	-1.1483	12.9457	-0.1277
528	SLU 15	0.75	0.48	41.86	-1.1481	12.9468	-0.1475
528	SLU 16	0.75	0.42	41.53	-1.1392	12.8441	-0.1262
528	SLU 17	0.74	0.48	41.53	-1.139	12.8452	-0.146
528	SLU 18	0.74	0.46	42.25	-1.1588	13.0746	-0.142
528	SLU 19	0.74	0.52	42.25	-1.1586	13.0757	-0.1619
528	SLU 20	0.75	0.46	42.79	-1.1736	13.2386	-0.1413
528	SLU 21	0.75	0.52	42.79	-1.1734	13.2397	-0.1611
528	SLU 22	0.74	0.41	40.45	-1.1093	12.5097	-0.1225
528	SLU 23	0.74	0.5	40.44	-1.109	12.5115	-0.1556
528	SLU 24	0.76	0.41	41.32	-1.1332	12.7752	-0.1233
528	SLU 25	0.76	0.47	41.32	-1.1331	12.7763	-0.1431
528	SLU 26	0.75	0.5	40.98	-1.1239	12.6755	-0.1549
528	SLU 27	0.77	0.41	41.86	-1.1481	12.9392	-0.1225
528	SLU 28	0.77	0.47	41.86	-1.1479	12.9403	-0.1423
528	SLU 29	0.76	0.41	41.53	-1.139	12.8376	-0.121
528	SLU 30	0.76	0.46	41.52	-1.1388	12.8387	-0.1409
528	SLU 31	0.78	0.6	44.64	-1.2239	13.8146	-0.189
528	SLU 32	0.8	0.51	45.52	-1.2481	14.0783	-0.1566
528	SLU 33	0.8	0.57	45.52	-1.2479	14.0794	-0.1764
528	SLU 34	0.79	0.6	45.18	-1.2387	13.9785	-0.1882
528	SLU 35	0.81	0.51	46.06	-1.2629	14.2423	-0.1558
528	SLU 36	0.81	0.57	46.06	-1.2627	14.2434	-0.1757
528	SLU 37	0.81	0.5	45.73	-1.2538	14.1407	-0.1543
528	SLU 38	0.8	0.56	45.72	-1.2536	14.1418	-0.1742
528	SLU 39	0.8	0.55	46.45	-1.2734	14.3712	-0.1702
528	SLU 40	0.8	0.61	46.44	-1.2732	14.3723	-0.19
528	SLU 41	0.81	0.55	46.99	-1.2882	14.5352	-0.1694
528	SLU 42	0.81	0.6	46.98	-1.288	14.5363	-0.1892
528	SLU 43	0.87	0.39	45.69	-1.2539	14.1325	-0.1131
528	SLU 44	0.86	0.48	45.69	-1.2536	14.1343	-0.1461
528	SLU 45	0.89	0.39	46.57	-1.2778	14.3981	-0.1138
528	SLU 46	0.88	0.45	46.56	-1.2776	14.3992	-0.1336
528	SLU 47	0.87	0.48	46.23	-1.2684	14.2983	-0.1454
528	SLU 48	0.9	0.39	47.11	-1.2926	14.5621	-0.113
528	SLU 49	0.89	0.45	47.1	-1.2924	14.5632	-0.1329
528	SLU 50	0.89	0.39	46.77	-1.2835	14.4605	-0.1115
528	SLU 51	0.89	0.44	46.77	-1.2833	14.4616	-0.1314
528	SLU 52	0.9	0.58	49.89	-1.3684	15.4374	-0.1795
528	SLU 53	0.93	0.49	50.77	-1.3926	15.7012	-0.1471
528	SLU 54	0.92	0.55	50.76	-1.3925	15.7023	-0.167
528	SLU 55	0.91	0.58	50.43	-1.3832	15.6014	-0.1787
528	SLU 56	0.94	0.49	51.31	-1.4074	15.8652	-0.1463
528	SLU 57	0.94	0.55	51.3	-1.4073	15.8663	-0.1662
528	SLU 58	0.93	0.49	50.97	-1.3983	15.7635	-0.1449
528	SLU 59	0.93	0.54	50.97	-1.3982	15.7646	-0.1647
528	SLU 60	0.93	0.53	51.69	-1.4179	15.994	-0.1607
528	SLU 61	0.92	0.59	51.69	-1.4178	15.9951	-0.1805
528	SLU 62	0.94	0.53	52.23	-1.4327	16.158	-0.1599
528	SLU 63	0.94	0.59	52.23	-1.4326	16.1591	-0.1798
528	SLU 64	0.93	0.48	49.89	-1.3685	15.4291	-0.1412
528	SLU 65	0.92	0.57	49.88	-1.3682	15.4309	-0.1743
528	SLU 66	0.94	0.48	50.76	-1.3924	15.6946	-0.1419
528	SLU 67	0.94	0.54	50.76	-1.3922	15.6957	-0.1618
528	SLU 68	0.93	0.57	50.42	-1.383	15.5949	-0.1735
528	SLU 69	0.96	0.48	51.3	-1.4072	15.8586	-0.1412
528	SLU 70	0.95	0.53	51.3	-1.407	15.8597	-0.161
528	SLU 71	0.95	0.47	50.97	-1.3981	15.757	-0.1397
528	SLU 72	0.95	0.53	50.96	-1.3979	15.7581	-0.1595
528	SLU 73	0.96	0.67	54.08	-1.483	16.734	-0.2076
528	SLU 74	0.99	0.58	54.96	-1.5072	16.9977	-0.1753
528	SLU 75	0.98	0.63	54.96	-1.507	16.9988	-0.1951
528	SLU 76	0.97	0.67	54.62	-1.4978	16.8979	-0.2069
528	SLU 77	1	0.58	55.5	-1.522	17.1617	-0.1745
528	SLU 78	0.99	0.63	55.5	-1.5219	17.1628	-0.1943
528	SLU 79	0.99	0.57	55.17	-1.5129	17.0601	-0.173
528	SLU 80	0.99	0.63	55.16	-1.5128	17.0612	-0.1929
528	SLU 81	0.99	0.62	55.88	-1.5325	17.2906	-0.1888
528	SLU 82	0.98	0.67	55.88	-1.5323	17.2917	-0.2087
528	SLU 83	1	0.62	56.42	-1.5473	17.4546	-0.1881
528	SLU 84	0.99	0.67	56.42	-1.5472	17.4557	-0.2079
528	SLE RA 1	0.7	0.35	37.45	-1.0275	11.5835	-0.1024
528	SLE RA 2	0.7	0.41	37.45	-1.0273	11.5848	-0.1245
528	SLE RA 3	0.71	0.35	38.03	-1.0434	11.7606	-0.1029
528	SLE RA 4	0.71	0.39	38.03	-1.0433	11.7613	-0.1161
528	SLE RA 5	0.7	0.41	37.81	-1.0372	11.6941	-0.124
528	SLE RA 6	0.72	0.35	38.39	-1.0533	11.8699	-0.1024
528	SLE RA 7	0.72	0.39	38.39	-1.0532	11.8707	-0.1156
528	SLE RA 8	0.71	0.35	38.17	-1.0472	11.8022	-0.1014
528	SLE RA 9	0.71	0.38	38.17	-1.0471	11.8029	-0.1146
528	SLE RA 10	0.72	0.48	40.25	-1.1038	12.4535	-0.1467



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
528	SLE RA 11	0.74	0.42	40.83	-1.12	12.6293	-0.1251
528	SLE RA 12	0.74	0.45	40.83	-1.1199	12.6301	-0.1384
528	SLE RA 13	0.73	0.47	40.61	-1.1137	12.5628	-0.1462
528	SLE RA 14	0.75	0.41	41.19	-1.1299	12.7386	-0.1246
528	SLE RA 15	0.75	0.45	41.19	-1.1297	12.7394	-0.1379
528	SLE RA 16	0.74	0.41	40.97	-1.1238	12.6709	-0.1236
528	SLE RA 17	0.74	0.45	40.97	-1.1237	12.6716	-0.1369
528	SLE RA 18	0.74	0.44	41.45	-1.1368	12.8246	-0.1342
528	SLE RA 19	0.74	0.48	41.45	-1.1367	12.8253	-0.1474
528	SLE RA 20	0.75	0.44	41.81	-1.1467	12.9339	-0.1337
528	SLE RA 21	0.75	0.48	41.81	-1.1466	12.9346	-0.1469
528	SLE FR 1	0.7	0.35	37.45	-1.0275	11.5835	-0.1024
528	SLE FR 2	0.7	0.36	37.45	-1.0274	11.5838	-0.1069
528	SLE FR 3	0.7	0.35	37.6	-1.0314	11.6273	-0.1022
528	SLE FR 4	0.71	0.39	38.65	-1.0602	11.9561	-0.1164
528	SLE FR 5	0.71	0.38	38.8	-1.0642	11.9996	-0.1118
528	SLE FR 6	0.72	0.39	39.45	-1.0822	12.2041	-0.1183
528	SLE QP 1	0.7	0.35	37.45	-1.0275	11.5835	-0.1024
528	SLE QP 2	0.71	0.38	38.65	-1.0603	11.9559	-0.112
528	SLD 1	3.14	0.88	28.4	-0.7788	8.9966	-0.1434
528	SLD 2	3.17	1.42	28.45	-0.7809	9.0012	-0.3321
528	SLD 3	3.09	-0.35	28.31	-0.776	9.0193	0.2853
528	SLD 4	3.13	0.19	28.36	-0.7781	9.024	0.0967
528	SLD 5	1.5	2.29	35.71	-0.9797	11.0327	-0.7378
528	SLD 6	1.53	2.65	35.74	-0.9811	11.0357	-0.862
528	SLD 7	1.35	-1.81	35.4	-0.9703	11.1086	0.6913
528	SLD 8	1.37	-1.45	35.44	-0.9717	11.1117	0.567
528	SLD 9	0.05	2.2	41.87	-1.1488	12.8	-0.791
528	SLD 10	0.07	2.56	41.9	-1.1502	12.8031	-0.9152
528	SLD 11	-0.1	-1.9	41.57	-1.1394	12.876	0.6381
528	SLD 12	-0.08	-1.54	41.6	-1.1408	12.879	0.5139
528	SLD 13	-1.7	0.56	48.94	-1.3425	14.8877	-0.3206
528	SLD 14	-1.67	1.1	49	-1.3446	14.8924	-0.5093
528	SLD 15	-1.75	-0.67	48.85	-1.3397	14.9105	0.1081
528	SLD 16	-1.71	-0.13	48.91	-1.3418	14.9151	-0.0806
528	SLV 1	6.38	1.51	14.65	-0.4013	5.0293	-0.171
528	SLV 2	6.46	2.78	14.77	-0.4063	5.04	-0.6103
528	SLV 3	6.28	-1.28	14.44	-0.3948	5.0821	0.8009
528	SLV 4	6.36	-0.01	14.56	-0.3997	5.0929	0.3615
528	SLV 5	2.56	4.73	31.75	-0.8717	9.7959	-1.5274
528	SLV 6	2.61	5.55	31.83	-0.8749	9.8028	-1.8117
528	SLV 7	2.21	-4.57	31.04	-0.8498	9.972	1.7121
528	SLV 8	2.26	-3.75	31.12	-0.853	9.979	1.4278
528	SLV 9	-0.84	4.5	46.18	-1.2676	13.9327	-1.6518
528	SLV 10	-0.78	5.32	46.26	-1.2708	13.9397	-1.9361
528	SLV 11	-1.19	-4.79	45.47	-1.2456	14.1089	1.5878
528	SLV 12	-1.14	-3.98	45.55	-1.2488	14.1158	1.3035
528	SLV 13	-4.93	0.76	62.74	-1.7209	18.8188	-0.5855
528	SLV 14	-4.85	2.03	62.87	-1.7258	18.8296	-1.0248
528	SLV 15	-5.04	-2.03	62.53	-1.7143	18.8717	0.3864
528	SLV 16	-4.96	-0.76	62.65	-1.7192	18.8824	-0.053
528	CRTFP Ux+	0	0	0	0	0	0
528	CRTFP Ux-	0	0	0	0	0	0
528	CRTFP Uy+	0	0	0	0	0	0
528	CRTFP Uy-	0	0	0	0	0	0
532	SLU 1	0.09	-0.12	26.56	-0.7548	8.8046	0.0433
532	SLU 2	0.09	-0.08	26.57	-0.7553	8.8099	0.0315
532	SLU 3	0.09	-0.11	27.19	-0.7727	9.0125	0.0415
532	SLU 4	0.09	-0.09	27.2	-0.7731	9.0157	0.0344
532	SLU 5	0.09	-0.09	26.96	-0.7662	8.9354	0.032
532	SLU 6	0.09	-0.11	27.57	-0.7836	9.138	0.0419
532	SLU 7	0.09	-0.09	27.58	-0.7839	9.1412	0.0349
532	SLU 8	0.09	-0.12	27.32	-0.7765	9.0556	0.0441
532	SLU 9	0.09	-0.1	27.33	-0.7768	9.0588	0.0371
532	SLU 10	0.1	-0.06	30.05	-0.8542	9.9658	0.0229
532	SLU 11	0.1	-0.09	30.67	-0.8716	10.1684	0.0328
532	SLU 12	0.1	-0.07	30.68	-0.8719	10.1716	0.0258
532	SLU 13	0.1	-0.06	30.44	-0.865	10.0913	0.0233
532	SLU 14	0.1	-0.09	31.05	-0.8824	10.2939	0.0332
532	SLU 15	0.1	-0.07	31.06	-0.8828	10.2971	0.0262
532	SLU 16	0.1	-0.09	30.8	-0.8753	10.2115	0.0355
532	SLU 17	0.1	-0.07	30.81	-0.8756	10.2146	0.0284
532	SLU 18	0.11	-0.08	31.53	-0.896	10.4558	0.0309
532	SLU 19	0.11	-0.06	31.54	-0.8963	10.459	0.0239
532	SLU 20	0.11	-0.08	31.91	-0.9068	10.5813	0.0313
532	SLU 21	0.11	-0.06	31.92	-0.9072	10.5845	0.0243
532	SLU 22	0.1	-0.06	29.59	-0.8404	9.7987	0.0236
532	SLU 23	0.1	-0.03	29.6	-0.841	9.804	0.0118
532	SLU 24	0.1	-0.06	30.22	-0.8584	10.0066	0.0218
532	SLU 25	0.1	-0.04	30.23	-0.8587	10.0098	0.0147
532	SLU 26	0.1	-0.03	29.99	-0.8518	9.9295	0.0122
532	SLU 27	0.1	-0.06	30.6	-0.8693	10.1322	0.0222
532	SLU 28	0.1	-0.04	30.61	-0.8696	10.1353	0.0151
532	SLU 29	0.1	-0.06	30.35	-0.8621	10.0497	0.0244
532	SLU 30	0.1	-0.04	30.36	-0.8625	10.0529	0.0173
532	SLU 31	0.11	0	33.08	-0.9398	10.9599	0.0032
532	SLU 32	0.11	-0.03	33.7	-0.9573	11.1625	0.0131
532	SLU 33	0.11	-0.01	33.71	-0.9576	11.1657	0.006
532	SLU 34	0.11	0	33.46	-0.9507	11.0854	0.0036



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
532	SLU 35	0.11	-0.03	34.08	-0.9681	11.288	0.0135
532	SLU 36	0.11	-0.01	34.09	-0.9685	11.2912	0.0065
532	SLU 37	0.11	-0.04	33.83	-0.961	11.2056	0.0157
532	SLU 38	0.11	-0.02	33.84	-0.9613	11.2088	0.0087
532	SLU 39	0.12	-0.02	34.56	-0.9817	11.45	0.0112
532	SLU 40	0.11	0	34.57	-0.982	11.4532	0.0041
532	SLU 41	0.12	-0.03	34.94	-0.9925	11.5755	0.0116
532	SLU 42	0.12	-0.01	34.95	-0.9928	11.5787	0.0045
532	SLU 43	0.11	-0.17	33.49	-0.9518	11.1051	0.0631
532	SLU 44	0.11	-0.14	33.5	-0.9524	11.1104	0.0513
532	SLU 45	0.11	-0.17	34.12	-0.9698	11.313	0.0613
532	SLU 46	0.11	-0.15	34.13	-0.9701	11.3162	0.0542
532	SLU 47	0.11	-0.14	33.89	-0.9632	11.2359	0.0517
532	SLU 48	0.11	-0.17	34.5	-0.9806	11.4385	0.0617
532	SLU 49	0.11	-0.15	34.51	-0.981	11.4417	0.0546
532	SLU 50	0.11	-0.18	34.25	-0.9735	11.3561	0.0639
532	SLU 51	0.11	-0.16	34.26	-0.9738	11.3593	0.0568
532	SLU 52	0.12	-0.11	36.98	-1.0512	12.2663	0.0426
532	SLU 53	0.13	-0.14	37.6	-1.0686	12.4689	0.0526
532	SLU 54	0.12	-0.12	37.61	-1.069	12.4721	0.0455
532	SLU 55	0.12	-0.12	37.36	-1.0621	12.3918	0.043
532	SLU 56	0.13	-0.14	37.98	-1.0795	12.5944	0.053
532	SLU 57	0.13	-0.12	37.99	-1.0798	12.5976	0.0459
532	SLU 58	0.13	-0.15	37.73	-1.0724	12.512	0.0552
532	SLU 59	0.12	-0.13	37.74	-1.0727	12.5152	0.0482
532	SLU 60	0.13	-0.14	38.46	-1.093	12.7563	0.0507
532	SLU 61	0.13	-0.12	38.47	-1.0934	12.7595	0.0436
532	SLU 62	0.13	-0.14	38.84	-1.1039	12.8818	0.0511
532	SLU 63	0.13	-0.12	38.85	-1.1042	12.885	0.044
532	SLU 64	0.12	-0.12	36.52	-1.0375	12.0992	0.0433
532	SLU 65	0.12	-0.08	36.53	-1.038	12.1045	0.0316
532	SLU 66	0.12	-0.11	37.15	-1.0555	12.3072	0.0415
532	SLU 67	0.12	-0.09	37.16	-1.0558	12.3103	0.0345
532	SLU 68	0.12	-0.08	36.91	-1.0489	12.23	0.032
532	SLU 69	0.12	-0.11	37.53	-1.0663	12.4327	0.0419
532	SLU 70	0.12	-0.09	37.54	-1.0667	12.4359	0.0349
532	SLU 71	0.12	-0.12	37.28	-1.0592	12.3502	0.0442
532	SLU 72	0.12	-0.1	37.29	-1.0595	12.3534	0.0371
532	SLU 73	0.13	-0.06	40.01	-1.1369	13.2604	0.0229
532	SLU 74	0.14	-0.09	40.63	-1.1543	13.463	0.0329
532	SLU 75	0.13	-0.06	40.64	-1.1547	13.4662	0.0258
532	SLU 76	0.13	-0.06	40.39	-1.1477	13.3859	0.0233
532	SLU 77	0.14	-0.09	41.01	-1.1652	13.5886	0.0333
532	SLU 78	0.14	-0.07	41.02	-1.1655	13.5917	0.0262
532	SLU 79	0.14	-0.09	40.76	-1.158	13.5061	0.0355
532	SLU 80	0.13	-0.07	40.77	-1.1584	13.5093	0.0284
532	SLU 81	0.14	-0.08	41.49	-1.1787	13.7505	0.031
532	SLU 82	0.14	-0.06	41.5	-1.179	13.7537	0.0239
532	SLU 83	0.14	-0.08	41.87	-1.1896	13.876	0.0314
532	SLU 84	0.14	-0.06	41.88	-1.1899	13.8792	0.0243
532	SLE RA 1	0.09	-0.1	27.42	-0.7792	9.0886	0.0377
532	SLE RA 2	0.09	-0.08	27.43	-0.7796	9.0921	0.0298
532	SLE RA 3	0.09	-0.1	27.85	-0.7912	9.2272	0.0365
532	SLE RA 4	0.09	-0.09	27.85	-0.7914	9.2293	0.0318
532	SLE RA 5	0.09	-0.08	27.69	-0.7868	9.1758	0.0301
532	SLE RA 6	0.09	-0.1	28.1	-0.7985	9.3109	0.0367
532	SLE RA 7	0.09	-0.09	28.11	-0.7987	9.313	0.032
532	SLE RA 8	0.09	-0.1	27.93	-0.7937	9.2559	0.0382
532	SLE RA 9	0.09	-0.09	27.94	-0.7939	9.2581	0.0335
532	SLE RA 10	0.1	-0.06	29.75	-0.8455	9.8627	0.0241
532	SLE RA 11	0.1	-0.08	30.17	-0.8571	9.9978	0.0307
532	SLE RA 12	0.1	-0.07	30.17	-0.8573	9.9999	0.026
532	SLE RA 13	0.1	-0.06	30.01	-0.8527	9.9464	0.0243
532	SLE RA 14	0.1	-0.08	30.42	-0.8644	10.0815	0.031
532	SLE RA 15	0.1	-0.07	30.43	-0.8646	10.0836	0.0263
532	SLE RA 16	0.1	-0.09	30.25	-0.8596	10.0265	0.0324
532	SLE RA 17	0.1	-0.07	30.26	-0.8598	10.0287	0.0277
532	SLE RA 18	0.1	-0.08	30.74	-0.8734	10.1894	0.0294
532	SLE RA 19	0.1	-0.06	30.74	-0.8736	10.1916	0.0247
532	SLE RA 20	0.1	-0.08	30.99	-0.8806	10.2731	0.0297
532	SLE RA 21	0.1	-0.06	31	-0.8808	10.2752	0.025
532	SLE FR 1	0.09	-0.1	27.42	-0.7792	9.0886	0.0377
532	SLE FR 2	0.09	-0.1	27.43	-0.7793	9.0893	0.0361
532	SLE FR 3	0.09	-0.1	27.53	-0.7821	9.1221	0.0378
532	SLE FR 4	0.09	-0.09	28.42	-0.8076	9.4196	0.0336
532	SLE FR 5	0.09	-0.09	28.52	-0.8104	9.4523	0.0353
532	SLE FR 6	0.1	-0.09	29.08	-0.8263	9.639	0.0335
532	SLE QP 1	0.09	-0.1	27.42	-0.7792	9.0886	0.0377
532	SLE QP 2	0.09	-0.09	28.42	-0.8075	9.4189	0.0352
532	SLD 1	2.15	0.24	28.08	-0.7983	9.2327	-0.0271
532	SLD 2	2.17	0.27	28.08	-0.7985	9.2329	-0.0354
532	SLD 3	2.17	-0.55	28.45	-0.8068	9.3535	0.2505
532	SLD 4	2.19	-0.53	28.46	-0.807	9.3538	0.2423
532	SLD 5	0.68	1.2	27.75	-0.7918	9.1797	-0.4032
532	SLD 6	0.7	1.22	27.75	-0.7919	9.1798	-0.4086
532	SLD 7	0.74	-1.44	28.99	-0.8201	9.5825	0.5224
532	SLD 8	0.75	-1.42	28.99	-0.8203	9.5826	0.517
532	SLD 9	-0.57	1.23	27.84	-0.7947	9.2551	-0.4466
532	SLD 10	-0.55	1.25	27.84	-0.7948	9.2552	-0.4521



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
532	SLD 11	-0.51	-1.41	29.08	-0.823	9.6579	0.479
532	SLD 12	-0.49	-1.39	29.08	-0.8232	9.658	0.4736
532	SLD 13	-2	0.34	28.38	-0.808	9.4839	-0.1719
532	SLD 14	-1.98	0.36	28.38	-0.8081	9.4842	-0.1802
532	SLD 15	-1.99	-0.46	28.75	-0.8165	9.6048	0.1058
532	SLD 16	-1.96	-0.43	28.75	-0.8166	9.605	0.0975
532	SLV 1	4.9	0.66	27.65	-0.7864	8.988	-0.1005
532	SLV 2	4.96	0.72	27.65	-0.7868	8.9885	-0.1198
532	SLV 3	4.94	-1.14	28.49	-0.8056	9.2614	0.5289
532	SLV 4	5	-1.08	28.49	-0.806	9.2619	0.5096
532	SLV 5	1.47	2.85	26.91	-0.7719	8.8748	-0.9568
532	SLV 6	1.5	2.89	26.91	-0.7722	8.8752	-0.9693
532	SLV 7	1.6	-3.15	29.71	-0.836	9.7862	1.1413
532	SLV 8	1.63	-3.11	29.72	-0.8363	9.7865	1.1288
532	SLV 9	-1.45	2.92	27.12	-0.7787	9.0512	-1.0584
532	SLV 10	-1.41	2.96	27.12	-0.779	9.0515	-1.0709
532	SLV 11	-1.32	-3.08	29.92	-0.8428	9.9625	1.0397
532	SLV 12	-1.28	-3.04	29.93	-0.843	9.9629	1.0272
532	SLV 13	-4.81	0.89	28.34	-0.809	9.5758	-0.4392
532	SLV 14	-4.75	0.95	28.35	-0.8094	9.5763	-0.4585
532	SLV 15	-4.77	-0.91	29.18	-0.8282	9.8492	0.1902
532	SLV 16	-4.72	-0.85	29.19	-0.8286	9.8497	0.1709
532	CRTFP Ux+	0	0	0	0	0	0
532	CRTFP Ux-	0	0	0	0	0	0
532	CRTFP Uy+	0	0	0	0	0	0
532	CRTFP Uy-	0	0	0	0	0	0
588	SLU 1	-1.77	1.25	94.27	0.058	-16.93	0.2137
588	SLU 2	-1.76	1.5	94.28	0.0617	-16.9333	0.2594
588	SLU 3	-1.81	1.29	96.53	0.0601	-17.3354	0.2205
588	SLU 4	-1.81	1.44	96.54	0.0623	-17.3374	0.2478
588	SLU 5	-1.79	1.53	95.67	0.0626	-17.1823	0.2643
588	SLU 6	-1.85	1.32	97.93	0.061	-17.5844	0.2253
588	SLU 7	-1.84	1.47	97.93	0.0632	-17.5864	0.2527
588	SLU 8	-1.83	1.31	97.05	0.0598	-17.4279	0.2235
588	SLU 9	-1.83	1.46	97.06	0.0621	-17.4299	0.2509
588	SLU 10	-1.84	1.78	105.21	0.0743	-18.9092	0.3081
588	SLU 11	-1.89	1.56	107.47	0.0727	-19.3113	0.2691
588	SLU 12	-1.89	1.72	107.47	0.0749	-19.3133	0.2965
588	SLU 13	-1.87	1.81	106.6	0.0752	-19.1581	0.3129
588	SLU 14	-1.92	1.59	108.86	0.0736	-19.5602	0.274
588	SLU 15	-1.92	1.74	108.87	0.0758	-19.5622	0.3014
588	SLU 16	-1.91	1.58	107.99	0.0724	-19.4037	0.2722
588	SLU 17	-1.91	1.73	107.99	0.0746	-19.4057	0.2996
588	SLU 18	-1.88	1.64	109.89	0.076	-19.7526	0.2833
588	SLU 19	-1.87	1.8	109.89	0.0782	-19.7546	0.3107
588	SLU 20	-1.91	1.67	111.28	0.0769	-20.0016	0.2882
588	SLU 21	-1.91	1.82	111.29	0.0791	-20.0036	0.3155
588	SLU 22	-1.91	1.5	105.27	0.0738	-18.9132	0.2584
588	SLU 23	-1.9	1.75	105.28	0.0775	-18.9166	0.3041
588	SLU 24	-1.95	1.54	107.54	0.0759	-19.3186	0.2651
588	SLU 25	-1.95	1.69	107.54	0.0781	-19.3206	0.2925
588	SLU 26	-1.93	1.78	106.68	0.0784	-19.1655	0.3089
588	SLU 27	-1.98	1.57	108.93	0.0768	-19.5676	0.27
588	SLU 28	-1.98	1.72	108.94	0.079	-19.5696	0.2974
588	SLU 29	-1.97	1.56	108.06	0.0756	-19.4111	0.2682
588	SLU 30	-1.97	1.71	108.07	0.0778	-19.4131	0.2956
588	SLU 31	-1.98	2.03	116.22	0.09	-20.8924	0.3527
588	SLU 32	-2.03	1.82	118.48	0.0884	-21.2945	0.3138
588	SLU 33	-2.02	1.97	118.48	0.0907	-21.2965	0.3412
588	SLU 34	-2.01	2.06	117.61	0.0909	-21.1414	0.3576
588	SLU 35	-2.06	1.85	119.87	0.0894	-21.5434	0.3187
588	SLU 36	-2.06	2	119.87	0.0916	-21.5454	0.3461
588	SLU 37	-2.05	1.84	119	0.0882	-21.387	0.3169
588	SLU 38	-2.04	1.99	119	0.0904	-21.389	0.3443
588	SLU 39	-2.02	1.9	120.9	0.0917	-21.7359	0.328
588	SLU 40	-2.01	2.05	120.9	0.0939	-21.7379	0.3553
588	SLU 41	-2.05	1.93	122.29	0.0927	-21.9848	0.3328
588	SLU 42	-2.04	2.08	122.3	0.0949	-21.9868	0.3602
588	SLU 43	-2.25	1.54	118.77	0.07	-21.329	0.2625
588	SLU 44	-2.24	1.79	118.78	0.0737	-21.3324	0.3082
588	SLU 45	-2.3	1.58	121.04	0.0721	-21.7344	0.2693
588	SLU 46	-2.29	1.73	121.04	0.0743	-21.7365	0.2966
588	SLU 47	-2.28	1.82	120.17	0.0746	-21.5813	0.3131
588	SLU 48	-2.33	1.6	122.43	0.073	-21.9834	0.2741
588	SLU 49	-2.32	1.75	122.44	0.0752	-21.9854	0.3015
588	SLU 50	-2.32	1.59	121.56	0.0718	-21.8269	0.2723
588	SLU 51	-2.31	1.74	121.57	0.074	-21.8289	0.2997
588	SLU 52	-2.32	2.07	129.72	0.0863	-23.3082	0.3569
588	SLU 53	-2.37	1.85	131.97	0.0847	-23.7103	0.3179
588	SLU 54	-2.37	2	131.98	0.0869	-23.7123	0.3453
588	SLU 55	-2.35	2.09	131.11	0.0872	-23.5572	0.3617
588	SLU 56	-2.41	1.88	133.37	0.0856	-23.9592	0.3228
588	SLU 57	-2.4	2.03	133.37	0.0878	-23.9613	0.3502
588	SLU 58	-2.39	1.87	132.5	0.0844	-23.8028	0.321
588	SLU 59	-2.39	2.02	132.5	0.0866	-23.8048	0.3484
588	SLU 60	-2.36	1.93	134.4	0.088	-24.1517	0.3321
588	SLU 61	-2.36	2.08	134.4	0.0902	-24.1537	0.3595
588	SLU 62	-2.39	1.96	135.79	0.0889	-24.4006	0.337
588	SLU 63	-2.39	2.11	135.79	0.0911	-24.4026	0.3644



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
588	SLU 64	-2.39	1.79	129.78	0.0858	-23.3123	0.3072
588	SLU 65	-2.38	2.04	129.79	0.0895	-23.3156	0.3529
588	SLU 66	-2.43	1.83	132.05	0.0879	-23.7177	0.3139
588	SLU 67	-2.43	1.98	132.05	0.0901	-23.7197	0.3413
588	SLU 68	-2.41	2.07	131.18	0.0904	-23.5645	0.3577
588	SLU 69	-2.47	1.86	133.44	0.0888	-23.9666	0.3188
588	SLU 70	-2.46	2.01	133.44	0.091	-23.9686	0.3462
588	SLU 71	-2.45	1.85	132.57	0.0876	-23.8102	0.317
588	SLU 72	-2.45	2	132.57	0.0898	-23.8122	0.3444
588	SLU 73	-2.46	2.32	140.72	0.102	-25.2914	0.4015
588	SLU 74	-2.51	2.11	142.98	0.1004	-25.6935	0.3626
588	SLU 75	-2.51	2.26	142.99	0.1027	-25.6955	0.39
588	SLU 76	-2.49	2.35	142.12	0.1029	-25.5404	0.4064
588	SLU 77	-2.54	2.13	144.38	0.1014	-25.9425	0.3675
588	SLU 78	-2.54	2.28	144.38	0.1036	-25.9445	0.3949
588	SLU 79	-2.53	2.12	143.5	0.1002	-25.786	0.3657
588	SLU 80	-2.53	2.27	143.51	0.1024	-25.788	0.3931
588	SLU 81	-2.5	2.19	145.4	0.1037	-26.1349	0.3768
588	SLU 82	-2.49	2.34	145.41	0.1059	-26.1369	0.4041
588	SLU 83	-2.53	2.21	146.8	0.1046	-26.3838	0.3817
588	SLU 84	-2.53	2.36	146.8	0.1069	-26.3858	0.409
588	SLE RA 1	-1.81	1.32	97.41	0.0625	-17.4966	0.2265
588	SLE RA 2	-1.8	1.49	97.42	0.065	-17.4989	0.2569
588	SLE RA 3	-1.84	1.35	98.92	0.0639	-17.7669	0.231
588	SLE RA 4	-1.83	1.45	98.93	0.0654	-17.7682	0.2492
588	SLE RA 5	-1.82	1.51	98.35	0.0656	-17.6648	0.2602
588	SLE RA 6	-1.86	1.37	99.85	0.0645	-17.9329	0.2342
588	SLE RA 7	-1.86	1.47	99.85	0.066	-17.9342	0.2525
588	SLE RA 8	-1.85	1.36	99.27	0.0637	-17.8286	0.233
588	SLE RA 9	-1.85	1.46	99.27	0.0652	-17.8299	0.2513
588	SLE RA 10	-1.85	1.67	104.71	0.0733	-18.8161	0.2894
588	SLE RA 11	-1.89	1.53	106.21	0.0723	-19.0841	0.2634
588	SLE RA 12	-1.89	1.63	106.22	0.0738	-19.0855	0.2817
588	SLE RA 13	-1.88	1.69	105.64	0.074	-18.9821	0.2926
588	SLE RA 14	-1.91	1.55	107.14	0.0729	-19.2501	0.2667
588	SLE RA 15	-1.91	1.65	107.14	0.0744	-19.2514	0.2849
588	SLE RA 16	-1.9	1.54	106.56	0.0721	-19.1458	0.2655
588	SLE RA 17	-1.9	1.64	106.56	0.0736	-19.1471	0.2837
588	SLE RA 18	-1.88	1.59	107.83	0.0745	-19.3784	0.2729
588	SLE RA 19	-1.88	1.69	107.83	0.076	-19.3797	0.2911
588	SLE RA 20	-1.9	1.6	108.76	0.0751	-19.5444	0.2761
588	SLE RA 21	-1.9	1.7	108.76	0.0766	-19.5457	0.2944
588	SLE FR 1	-1.81	1.32	97.41	0.0625	-17.4966	0.2265
588	SLE FR 2	-1.81	1.35	97.41	0.063	-17.4971	0.2326
588	SLE FR 3	-1.82	1.33	97.78	0.0628	-17.563	0.2278
588	SLE FR 4	-1.83	1.43	100.54	0.0666	-18.0616	0.2465
588	SLE FR 5	-1.84	1.41	100.91	0.0664	-18.1275	0.2417
588	SLE FR 6	-1.84	1.45	102.62	0.0685	-18.4375	0.2497
588	SLE QP 1	-1.81	1.32	97.41	0.0625	-17.4966	0.2265
588	SLE QP 2	-1.83	1.4	100.54	0.0661	-18.0612	0.2404
588	SLD 1	4.26	3.02	128.2	0.0698	-22.8115	0.5225
588	SLD 2	4.27	1.66	128.19	0.0865	-22.8113	0.2795
588	SLD 3	4.35	-0.27	127.83	0.0817	-22.7406	-0.0727
588	SLD 4	4.36	-1.63	127.82	0.0985	-22.7405	-0.3158
588	SLD 5	-0.14	7.11	109.4	0.0461	-19.5937	1.2715
588	SLD 6	-0.14	6.22	109.39	0.0571	-19.5936	1.1114
588	SLD 7	0.16	-3.84	108.16	0.0859	-19.3576	-0.7128
588	SLD 8	0.17	-4.73	108.16	0.0969	-19.3575	-0.8729
588	SLD 9	-3.82	7.54	92.91	0.0353	-16.7649	1.3537
588	SLD 10	-3.82	6.64	92.91	0.0463	-16.7648	1.1936
588	SLD 11	-3.52	-3.42	91.68	0.0751	-16.5287	-0.6306
588	SLD 12	-3.52	-4.31	91.68	0.0861	-16.5286	-0.7906
588	SLD 13	-8.02	4.43	73.25	0.0338	-13.3819	0.7966
588	SLD 14	-8.01	3.07	73.25	0.0505	-13.3817	0.5536
588	SLD 15	-7.93	1.14	72.88	0.0457	-13.311	0.2013
588	SLD 16	-7.92	-0.22	72.88	0.0624	-13.3108	-0.0417
588	SLV 1	12.42	5.05	165.28	0.0754	-29.1795	0.8763
588	SLV 2	12.44	1.88	165.26	0.1143	-29.1792	0.3103
588	SLV 3	12.63	-2.39	164.43	0.1026	-29.0159	-0.4722
588	SLV 4	12.65	-5.56	164.41	0.1416	-29.0156	-1.0382
588	SLV 5	2.12	14.33	121.25	0.0208	-21.6449	2.5747
588	SLV 6	2.13	12.28	121.24	0.046	-21.6446	2.2085
588	SLV 7	2.82	-10.48	118.41	0.1116	-21.0995	-1.9205
588	SLV 8	2.83	-12.53	118.41	0.1368	-21.0993	-2.2867
588	SLV 9	-6.49	15.33	82.67	-0.0046	-15.023	2.7675
588	SLV 10	-6.48	13.28	82.66	0.0206	-15.0228	2.4013
588	SLV 11	-5.79	-9.48	79.83	0.0862	-14.4777	-1.7276
588	SLV 12	-5.78	-11.53	79.82	0.1114	-14.4774	-2.0939
588	SLV 13	-16.31	8.36	36.66	-0.0093	-7.1067	1.5191
588	SLV 14	-16.29	5.2	36.65	0.0296	-7.1064	0.9531
588	SLV 15	-16.1	0.92	35.81	0.0179	-6.9431	0.1705
588	SLV 16	-16.08	-2.25	35.79	0.0568	-6.9428	-0.3955
588	CRTFP Ux+	0	0	0	0	0	0
588	CRTFP Ux-	0	0	0	0	0	0
588	CRTFP Uy+	0	0	0	0	0	0
588	CRTFP Uy-	0	0	0	0	0	0
590	SLU 1	-1.09	0.71	57.22	-0.0554	-1.5692	-0.0011
590	SLU 2	-1.08	0.86	57.23	-0.0514	-1.5696	0.0017
590	SLU 3	-1.11	0.73	58.6	-0.0559	-1.6068	-0.0011



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
590	SLU 4	-1.11	0.82	58.6	-0.0535	-1.607	0.0007
590	SLU 5	-1.1	0.88	58.08	-0.0521	-1.5926	0.0018
590	SLU 6	-1.13	0.75	59.44	-0.0566	-1.6298	-0.001
590	SLU 7	-1.13	0.84	59.44	-0.0542	-1.63	0.0007
590	SLU 8	-1.13	0.74	58.91	-0.0568	-1.6153	-0.001
590	SLU 9	-1.12	0.83	58.92	-0.0544	-1.6155	0.0007
590	SLU 10	-1.13	1.02	63.9	-0.0512	-1.7534	0.0032
590	SLU 11	-1.16	0.89	65.26	-0.0558	-1.7906	0.0004
590	SLU 12	-1.16	0.98	65.27	-0.0534	-1.7909	0.0021
590	SLU 13	-1.15	1.04	64.74	-0.052	-1.7765	0.0033
590	SLU 14	-1.18	0.91	66.11	-0.0565	-1.8137	0.0005
590	SLU 15	-1.18	1	66.11	-0.0541	-1.8139	0.0022
590	SLU 16	-1.17	0.9	65.58	-0.0567	-1.7992	0.0005
590	SLU 17	-1.17	0.99	65.58	-0.0543	-1.7994	0.0022
590	SLU 18	-1.15	0.94	66.75	-0.0552	-1.8319	0.001
590	SLU 19	-1.15	1.03	66.75	-0.0528	-1.8321	0.0027
590	SLU 20	-1.17	0.96	67.59	-0.0559	-1.8549	0.001
590	SLU 21	-1.17	1.05	67.6	-0.0535	-1.8551	0.0028
590	SLU 22	-1.17	0.86	63.92	-0.0517	-1.7535	0.0003
590	SLU 23	-1.17	1.01	63.93	-0.0477	-1.7539	0.0032
590	SLU 24	-1.2	0.88	65.29	-0.0522	-1.7911	0.0004
590	SLU 25	-1.2	0.97	65.3	-0.0498	-1.7913	0.0021
590	SLU 26	-1.19	1.03	64.77	-0.0484	-1.7769	0.0032
590	SLU 27	-1.22	0.9	66.14	-0.0529	-1.8141	0.0004
590	SLU 28	-1.22	0.99	66.14	-0.0505	-1.8144	0.0022
590	SLU 29	-1.21	0.89	65.61	-0.0532	-1.7996	0.0004
590	SLU 30	-1.21	0.98	65.61	-0.0508	-1.7998	0.0021
590	SLU 31	-1.21	1.17	70.6	-0.0476	-1.9378	0.0047
590	SLU 32	-1.25	1.04	71.96	-0.0521	-1.975	0.0019
590	SLU 33	-1.24	1.13	71.97	-0.0497	-1.9752	0.0036
590	SLU 34	-1.23	1.19	71.44	-0.0483	-1.9608	0.0047
590	SLU 35	-1.27	1.06	72.8	-0.0528	-1.998	0.0019
590	SLU 36	-1.26	1.15	72.81	-0.0504	-1.9982	0.0036
590	SLU 37	-1.26	1.05	72.28	-0.053	-1.9835	0.0019
590	SLU 38	-1.26	1.14	72.28	-0.0506	-1.9837	0.0036
590	SLU 39	-1.24	1.09	73.44	-0.0515	-2.0162	0.0024
590	SLU 40	-1.24	1.18	73.45	-0.0491	-2.0164	0.0041
590	SLU 41	-1.26	1.11	74.29	-0.0523	-2.0392	0.0025
590	SLU 42	-1.26	1.2	74.29	-0.0499	-2.0395	0.0042
590	SLU 43	-1.38	0.87	72.09	-0.0732	-1.9767	-0.002
590	SLU 44	-1.38	1.02	72.1	-0.0692	-1.9771	0.0009
590	SLU 45	-1.41	0.89	73.47	-0.0737	-2.0143	-0.0019
590	SLU 46	-1.41	0.98	73.47	-0.0713	-2.0146	-0.0002
590	SLU 47	-1.4	1.04	72.95	-0.07	-2.0002	0.0009
590	SLU 48	-1.43	0.91	74.31	-0.0745	-2.0374	-0.0019
590	SLU 49	-1.43	1	74.32	-0.0721	-2.0376	-0.0001
590	SLU 50	-1.42	0.9	73.78	-0.0747	-2.0229	-0.0019
590	SLU 51	-1.42	0.99	73.79	-0.0723	-2.0231	-0.0001
590	SLU 52	-1.43	1.18	78.77	-0.0691	-2.161	0.0024
590	SLU 53	-1.46	1.06	80.13	-0.0736	-2.1982	-0.0004
590	SLU 54	-1.46	1.15	80.14	-0.0712	-2.1984	0.0013
590	SLU 55	-1.45	1.2	79.61	-0.0699	-2.1841	0.0024
590	SLU 56	-1.48	1.07	80.98	-0.0744	-2.2213	-0.0004
590	SLU 57	-1.48	1.16	80.98	-0.072	-2.2215	0.0014
590	SLU 58	-1.47	1.07	80.45	-0.0746	-2.2067	-0.0004
590	SLU 59	-1.47	1.16	80.45	-0.0722	-2.207	0.0013
590	SLU 60	-1.45	1.1	81.62	-0.0731	-2.2394	0.0001
590	SLU 61	-1.45	1.19	81.62	-0.0707	-2.2397	0.0019
590	SLU 62	-1.47	1.12	82.46	-0.0738	-2.2625	0.0002
590	SLU 63	-1.47	1.21	82.47	-0.0714	-2.2627	0.0019
590	SLU 64	-1.47	1.02	78.79	-0.0696	-2.1611	-0.0005
590	SLU 65	-1.46	1.17	78.8	-0.0656	-2.1615	0.0023
590	SLU 66	-1.5	1.04	80.16	-0.0701	-2.1986	-0.0005
590	SLU 67	-1.49	1.13	80.17	-0.0677	-2.1989	0.0013
590	SLU 68	-1.48	1.19	79.64	-0.0663	-2.1845	0.0024
590	SLU 69	-1.52	1.06	81.01	-0.0708	-2.2217	-0.0004
590	SLU 70	-1.51	1.15	81.01	-0.0684	-2.2219	0.0013
590	SLU 71	-1.51	1.05	80.48	-0.071	-2.2072	-0.0004
590	SLU 72	-1.51	1.14	80.48	-0.0686	-2.2074	0.0013
590	SLU 73	-1.51	1.33	85.47	-0.0654	-2.3453	0.0038
590	SLU 74	-1.54	1.2	86.83	-0.07	-2.3825	0.001
590	SLU 75	-1.54	1.29	86.84	-0.0676	-2.3828	0.0027
590	SLU 76	-1.53	1.35	86.31	-0.0662	-2.3684	0.0039
590	SLU 77	-1.56	1.22	87.67	-0.0707	-2.4056	0.0011
590	SLU 78	-1.56	1.31	87.68	-0.0683	-2.4058	0.0028
590	SLU 79	-1.56	1.21	87.15	-0.0709	-2.3911	0.0011
590	SLU 80	-1.55	1.3	87.15	-0.0685	-2.3913	0.0028
590	SLU 81	-1.54	1.25	88.31	-0.0694	-2.4237	0.0016
590	SLU 82	-1.53	1.34	88.32	-0.067	-2.424	0.0033
590	SLU 83	-1.56	1.27	89.16	-0.0701	-2.4468	0.0016
590	SLU 84	-1.55	1.36	89.16	-0.0677	-2.447	0.0034
590	SLE RA 1	-1.11	0.75	59.14	-0.0543	-1.6219	-0.0007
590	SLE RA 2	-1.11	0.85	59.14	-0.0516	-1.6221	0.0012
590	SLE RA 3	-1.13	0.77	60.05	-0.0547	-1.6469	-0.0007
590	SLE RA 4	-1.13	0.83	60.06	-0.0531	-1.6471	0.0005
590	SLE RA 5	-1.12	0.86	59.71	-0.0521	-1.6375	0.0012
590	SLE RA 6	-1.14	0.78	60.61	-0.0551	-1.6623	-0.0006
590	SLE RA 7	-1.14	0.84	60.62	-0.0535	-1.6624	0.0005
590	SLE RA 8	-1.14	0.77	60.26	-0.0553	-1.6526	-0.0007



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
590	SLE RA 9	-1.14	0.83	60.27	-0.0537	-1.6527	0.0005
590	SLE RA 10	-1.14	0.96	63.59	-0.0516	-1.7447	0.0022
590	SLE RA 11	-1.16	0.87	64.5	-0.0546	-1.7695	0.0003
590	SLE RA 12	-1.16	0.93	64.5	-0.053	-1.7696	0.0015
590	SLE RA 13	-1.15	0.97	64.15	-0.0521	-1.7601	0.0022
590	SLE RA 14	-1.17	0.89	65.06	-0.0551	-1.7849	0.0003
590	SLE RA 15	-1.17	0.95	65.06	-0.0535	-1.785	0.0015
590	SLE RA 16	-1.17	0.88	64.71	-0.0552	-1.7752	0.0003
590	SLE RA 17	-1.17	0.94	64.71	-0.0536	-1.7753	0.0015
590	SLE RA 18	-1.16	0.91	65.49	-0.0542	-1.797	0.0007
590	SLE RA 19	-1.15	0.97	65.49	-0.0526	-1.7971	0.0018
590	SLE RA 20	-1.17	0.92	66.05	-0.0547	-1.8123	0.0007
590	SLE RA 21	-1.17	0.98	66.05	-0.0531	-1.8125	0.0019
590	SLE FR 1	-1.11	0.75	59.14	-0.0543	-1.6219	-0.0007
590	SLE FR 2	-1.11	0.77	59.14	-0.0538	-1.6219	-0.0004
590	SLE FR 3	-1.12	0.76	59.36	-0.0545	-1.628	-0.0007
590	SLE FR 4	-1.12	0.82	61.04	-0.0537	-1.6744	0.0001
590	SLE FR 5	-1.13	0.8	61.27	-0.0545	-1.6805	-0.0003
590	SLE FR 6	-1.13	0.83	62.31	-0.0543	-1.7094	0
590	SLE QP 1	-1.11	0.75	59.14	-0.0543	-1.6219	-0.0007
590	SLE QP 2	-1.13	0.8	61.04	-0.0543	-1.6744	-0.0003
590	SLD 1	2.63	1.75	77.37	-0.1032	-2.1049	0.0122
590	SLD 2	2.63	0.95	77.37	-0.0848	-2.105	-0.0006
590	SLD 3	2.68	-0.22	77.14	-0.0901	-2.0981	-0.0259
590	SLD 4	2.69	-1.03	77.14	-0.0717	-2.0982	-0.0387
590	SLD 5	-0.08	4.22	66.29	-0.0922	-1.8138	0.0635
590	SLD 6	-0.08	3.69	66.29	-0.0801	-1.8139	0.0551
590	SLD 7	0.1	-2.36	65.52	-0.0484	-1.7912	-0.0634
590	SLD 8	0.1	-2.89	65.52	-0.0363	-1.7912	-0.0719
590	SLD 9	-2.35	4.48	56.57	-0.0723	-1.5575	0.0713
590	SLD 10	-2.35	3.95	56.56	-0.0602	-1.5576	0.0628
590	SLD 11	-2.17	-2.09	55.79	-0.0285	-1.5349	-0.0557
590	SLD 12	-2.17	-2.63	55.79	-0.0164	-1.5349	-0.0642
590	SLD 13	-4.94	2.62	44.95	-0.0369	-1.2506	0.0381
590	SLD 14	-4.93	1.81	44.94	-0.0185	-1.2506	0.0252
590	SLD 15	-4.88	0.65	44.71	-0.0237	-1.2438	0
590	SLD 16	-4.88	-0.16	44.71	-0.0053	-1.2439	-0.0129
590	SLV 1	7.66	2.96	99.26	-0.1685	-2.6821	0.0275
590	SLV 2	7.67	1.07	99.26	-0.1256	-2.6821	-0.0024
590	SLV 3	7.79	-1.51	98.73	-0.1385	-2.6664	-0.0588
590	SLV 4	7.8	-3.4	98.72	-0.0956	-2.6665	-0.0887
590	SLV 5	1.31	8.55	73.32	-0.1415	-2.0005	0.1441
590	SLV 6	1.32	7.33	73.32	-0.1137	-2.0005	0.1247
590	SLV 7	1.74	-6.35	71.53	-0.0415	-1.9482	-0.1435
590	SLV 8	1.75	-7.57	71.53	-0.0138	-1.9482	-0.1629
590	SLV 9	-4	9.16	50.55	-0.0948	-1.4005	0.1623
590	SLV 10	-3.99	7.95	50.55	-0.0671	-1.4006	0.1429
590	SLV 11	-3.57	-5.74	48.76	0.0052	-1.3483	-0.1254
590	SLV 12	-3.56	-6.96	48.76	0.0329	-1.3483	-0.1448
590	SLV 13	-10.05	4.99	23.36	-0.0129	-0.6823	0.0881
590	SLV 14	-10.04	3.11	23.36	0.0299	-0.6824	0.0582
590	SLV 15	-9.92	0.52	22.82	0.0171	-0.6666	0.0018
590	SLV 16	-9.91	-1.36	22.82	0.0599	-0.6667	-0.0281
590	CRTFP Ux+	0	0	0	0	0	0
590	CRTFP Ux-	0	0	0	0	0	0
590	CRTFP Uy+	0	0	0	0	0	0
590	CRTFP Uy-	0	0	0	0	0	0
591	SLU 1	-1.28	0.72	66.59	-0.0671	0.0359	-0.0283
591	SLU 2	-1.28	0.89	66.61	-0.0625	0.0357	-0.0302
591	SLU 3	-1.31	0.74	68.19	-0.0676	0.0369	-0.029
591	SLU 4	-1.31	0.84	68.2	-0.0649	0.0367	-0.0301
591	SLU 5	-1.3	0.91	67.59	-0.0633	0.0363	-0.0307
591	SLU 6	-1.34	0.76	69.16	-0.0685	0.0375	-0.0295
591	SLU 7	-1.33	0.86	69.17	-0.0657	0.0374	-0.0307
591	SLU 8	-1.33	0.75	68.55	-0.0688	0.0372	-0.0293
591	SLU 9	-1.33	0.85	68.56	-0.066	0.0371	-0.0305
591	SLU 10	-1.33	1.06	74.42	-0.0623	0.038	-0.0343
591	SLU 11	-1.37	0.91	76	-0.0675	0.0392	-0.0331
591	SLU 12	-1.37	1.02	76.01	-0.0647	0.0391	-0.0343
591	SLU 13	-1.36	1.08	75.4	-0.0632	0.0387	-0.0348
591	SLU 14	-1.39	0.93	76.98	-0.0683	0.0398	-0.0336
591	SLU 15	-1.39	1.03	76.99	-0.0656	0.0397	-0.0348
591	SLU 16	-1.38	0.93	76.36	-0.0686	0.0395	-0.0334
591	SLU 17	-1.38	1.03	76.37	-0.0659	0.0394	-0.0346
591	SLU 18	-1.36	0.97	77.76	-0.0668	0.0392	-0.0341
591	SLU 19	-1.36	1.07	77.77	-0.0641	0.0391	-0.0353
591	SLU 20	-1.38	0.98	78.73	-0.0677	0.0399	-0.0347
591	SLU 21	-1.38	1.09	78.74	-0.0649	0.0398	-0.0358
591	SLU 22	-1.38	0.88	74.42	-0.0625	0.039	-0.0319
591	SLU 23	-1.38	1.05	74.44	-0.0579	0.0387	-0.0338
591	SLU 24	-1.41	0.9	76.02	-0.063	0.0399	-0.0326
591	SLU 25	-1.41	1	76.03	-0.0603	0.0398	-0.0337
591	SLU 26	-1.4	1.07	75.42	-0.0587	0.0394	-0.0343
591	SLU 27	-1.44	0.92	76.99	-0.0639	0.0406	-0.0331
591	SLU 28	-1.43	1.02	77	-0.0611	0.0405	-0.0343
591	SLU 29	-1.43	0.91	76.38	-0.0642	0.0403	-0.0329
591	SLU 30	-1.43	1.01	76.39	-0.0614	0.0401	-0.0341
591	SLU 31	-1.43	1.22	82.25	-0.0577	0.0411	-0.0379
591	SLU 32	-1.47	1.07	83.83	-0.0629	0.0423	-0.0367



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
591	SLU 33	-1.47	1.18	83.84	-0.0601	0.0421	-0.0378
591	SLU 34	-1.46	1.24	83.23	-0.0586	0.0417	-0.0384
591	SLU 35	-1.49	1.09	84.81	-0.0637	0.0429	-0.0372
591	SLU 36	-1.49	1.19	84.82	-0.061	0.0428	-0.0384
591	SLU 37	-1.48	1.09	84.19	-0.064	0.0426	-0.037
591	SLU 38	-1.48	1.19	84.2	-0.0613	0.0425	-0.0382
591	SLU 39	-1.46	1.13	85.59	-0.0622	0.0423	-0.0377
591	SLU 40	-1.46	1.23	85.6	-0.0595	0.0422	-0.0389
591	SLU 41	-1.48	1.14	86.56	-0.0631	0.043	-0.0382
591	SLU 42	-1.48	1.25	86.57	-0.0603	0.0428	-0.0394
591	SLU 43	-1.63	0.88	83.88	-0.0888	0.0456	-0.0355
591	SLU 44	-1.63	1.05	83.9	-0.0842	0.0454	-0.0374
591	SLU 45	-1.66	0.9	85.48	-0.0893	0.0466	-0.0362
591	SLU 46	-1.66	1	85.49	-0.0866	0.0464	-0.0374
591	SLU 47	-1.65	1.07	84.88	-0.085	0.046	-0.038
591	SLU 48	-1.69	0.92	86.46	-0.0902	0.0472	-0.0368
591	SLU 49	-1.68	1.02	86.47	-0.0874	0.0471	-0.0379
591	SLU 50	-1.68	0.91	85.84	-0.0904	0.0469	-0.0366
591	SLU 51	-1.68	1.01	85.85	-0.0877	0.0468	-0.0377
591	SLU 52	-1.68	1.22	91.72	-0.084	0.0477	-0.0416
591	SLU 53	-1.72	1.07	93.29	-0.0892	0.0489	-0.0404
591	SLU 54	-1.72	1.18	93.3	-0.0864	0.0488	-0.0415
591	SLU 55	-1.71	1.24	92.69	-0.0849	0.0484	-0.0421
591	SLU 56	-1.74	1.09	94.27	-0.09	0.0496	-0.0409
591	SLU 57	-1.74	1.19	94.28	-0.0873	0.0494	-0.042
591	SLU 58	-1.73	1.09	93.66	-0.0903	0.0493	-0.0407
591	SLU 59	-1.73	1.19	93.67	-0.0875	0.0491	-0.0418
591	SLU 60	-1.71	1.13	95.05	-0.0885	0.0489	-0.0414
591	SLU 61	-1.71	1.23	95.06	-0.0858	0.0488	-0.0425
591	SLU 62	-1.73	1.14	96.03	-0.0894	0.0496	-0.0419
591	SLU 63	-1.73	1.25	96.04	-0.0866	0.0495	-0.0431
591	SLU 64	-1.73	1.04	91.71	-0.0842	0.0487	-0.0391
591	SLU 65	-1.73	1.21	91.73	-0.0796	0.0485	-0.041
591	SLU 66	-1.76	1.06	93.31	-0.0847	0.0496	-0.0398
591	SLU 67	-1.76	1.16	93.32	-0.082	0.0495	-0.041
591	SLU 68	-1.75	1.23	92.71	-0.0804	0.0491	-0.0415
591	SLU 69	-1.79	1.08	94.29	-0.0856	0.0503	-0.0404
591	SLU 70	-1.78	1.18	94.3	-0.0828	0.0502	-0.0415
591	SLU 71	-1.78	1.07	93.67	-0.0859	0.05	-0.0402
591	SLU 72	-1.78	1.17	93.68	-0.0831	0.0499	-0.0413
591	SLU 73	-1.78	1.38	99.55	-0.0794	0.0508	-0.0451
591	SLU 74	-1.82	1.23	101.12	-0.0846	0.052	-0.0439
591	SLU 75	-1.82	1.34	101.13	-0.0818	0.0518	-0.0451
591	SLU 76	-1.81	1.4	100.52	-0.0803	0.0515	-0.0457
591	SLU 77	-1.84	1.25	102.1	-0.0854	0.0526	-0.0445
591	SLU 78	-1.84	1.35	102.11	-0.0827	0.0525	-0.0456
591	SLU 79	-1.83	1.25	101.49	-0.0857	0.0523	-0.0443
591	SLU 80	-1.83	1.35	101.5	-0.083	0.0522	-0.0454
591	SLU 81	-1.81	1.29	102.88	-0.0839	0.052	-0.045
591	SLU 82	-1.81	1.39	102.89	-0.0812	0.0519	-0.0461
591	SLU 83	-1.83	1.3	103.86	-0.0848	0.0527	-0.0455
591	SLU 84	-1.83	1.41	103.87	-0.082	0.0525	-0.0466
591	SLE RA 1	-1.31	0.76	68.83	-0.0657	0.0368	-0.0293
591	SLE RA 2	-1.31	0.88	68.84	-0.0627	0.0366	-0.0306
591	SLE RA 3	-1.33	0.78	69.89	-0.0661	0.0374	-0.0298
591	SLE RA 4	-1.33	0.85	69.9	-0.0643	0.0373	-0.0305
591	SLE RA 5	-1.32	0.89	69.49	-0.0633	0.0371	-0.0309
591	SLE RA 6	-1.35	0.79	70.54	-0.0667	0.0378	-0.0301
591	SLE RA 7	-1.35	0.86	70.55	-0.0649	0.0378	-0.0309
591	SLE RA 8	-1.34	0.79	70.13	-0.0669	0.0376	-0.03
591	SLE RA 9	-1.34	0.85	70.14	-0.065	0.0376	-0.0308
591	SLE RA 10	-1.34	0.99	74.05	-0.0626	0.0382	-0.0333
591	SLE RA 11	-1.37	0.89	75.1	-0.066	0.039	-0.0325
591	SLE RA 12	-1.37	0.96	75.11	-0.0642	0.0389	-0.0333
591	SLE RA 13	-1.36	1	74.7	-0.0632	0.0386	-0.0337
591	SLE RA 14	-1.38	0.91	75.75	-0.0666	0.0394	-0.0329
591	SLE RA 15	-1.38	0.97	75.76	-0.0648	0.0393	-0.0336
591	SLE RA 16	-1.38	0.9	75.34	-0.0668	0.0392	-0.0327
591	SLE RA 17	-1.38	0.97	75.35	-0.0649	0.0391	-0.0335
591	SLE RA 18	-1.36	0.93	76.27	-0.0656	0.039	-0.0332
591	SLE RA 19	-1.36	1	76.28	-0.0638	0.0389	-0.034
591	SLE RA 20	-1.38	0.94	76.92	-0.0662	0.0394	-0.0336
591	SLE RA 21	-1.38	1.01	76.93	-0.0643	0.0393	-0.0343
591	SLE FR 1	-1.31	0.76	68.83	-0.0657	0.0368	-0.0293
591	SLE FR 2	-1.31	0.79	68.83	-0.0651	0.0367	-0.0296
591	SLE FR 3	-1.32	0.77	69.09	-0.066	0.0369	-0.0294
591	SLE FR 4	-1.33	0.84	71.06	-0.0651	0.0374	-0.0307
591	SLE FR 5	-1.33	0.82	71.32	-0.0659	0.0376	-0.0306
591	SLE FR 6	-1.34	0.85	72.55	-0.0657	0.0379	-0.0313
591	SLE QP 1	-1.31	0.76	68.83	-0.0657	0.0368	-0.0293
591	SLE QP 2	-1.33	0.81	71.06	-0.0657	0.0374	-0.0305
591	SLD 1	3.14	1.87	89.16	-0.123	0.0771	-0.0536
591	SLD 2	3.14	0.96	89.16	-0.1016	0.077	-0.0414
591	SLD 3	3.2	-0.37	88.87	-0.1085	0.0756	-0.0311
591	SLD 4	3.21	-1.28	88.87	-0.0871	0.0755	-0.0189
591	SLD 5	-0.09	4.69	76.93	-0.1088	0.0516	-0.0737
591	SLD 6	-0.08	4.09	76.94	-0.0947	0.0515	-0.0657
591	SLD 7	0.13	-2.78	75.96	-0.0604	0.0467	0.0013
591	SLD 8	0.13	-3.37	75.96	-0.0462	0.0466	0.0093



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
591	SLD 9	-2.79	5	66.16	-0.0852	0.0283	-0.0703
591	SLD 10	-2.78	4.4	66.16	-0.071	0.0282	-0.0622
591	SLD 11	-2.57	-2.47	65.19	-0.0367	0.0234	0.0047
591	SLD 12	-2.56	-3.06	65.19	-0.0226	0.0233	0.0128
591	SLD 13	-5.86	2.9	53.25	-0.0443	-0.0006	-0.042
591	SLD 14	-5.85	2	53.25	-0.0229	-0.0007	-0.0298
591	SLD 15	-5.79	0.66	52.96	-0.0298	-0.0021	-0.0196
591	SLD 16	-5.79	-0.24	52.96	-0.0084	-0.0022	-0.0073
591	SLV 1	9.11	3.19	113.42	-0.1996	0.1303	-0.0838
591	SLV 2	9.12	1.08	113.43	-0.1497	0.13	-0.0553
591	SLV 3	9.26	-1.89	112.75	-0.1663	0.1268	-0.0329
591	SLV 4	9.28	-3.99	112.75	-0.1164	0.1265	-0.0043
591	SLV 5	1.57	9.59	84.8	-0.1649	0.0706	-0.1287
591	SLV 6	1.58	8.23	84.8	-0.1326	0.0704	-0.1102
591	SLV 7	2.08	-7.33	82.54	-0.0542	0.059	0.0411
591	SLV 8	2.09	-8.69	82.54	-0.0219	0.0588	0.0596
591	SLV 9	-4.74	10.32	59.58	-0.1095	0.016	-0.1205
591	SLV 10	-4.73	8.96	59.58	-0.0772	0.0158	-0.1021
591	SLV 11	-4.23	-6.6	57.32	0.0012	0.0045	0.0493
591	SLV 12	-4.22	-7.96	57.33	0.0335	0.0043	0.0678
591	SLV 13	-11.93	5.62	29.37	-0.015	-0.0516	-0.0566
591	SLV 14	-11.92	3.51	29.38	0.0349	-0.0519	-0.0281
591	SLV 15	-11.78	0.54	28.69	0.0183	-0.0551	-0.0057
591	SLV 16	-11.76	-1.56	28.7	0.0682	-0.0554	0.0229
591	CRTFP Ux+	0	0	0	0	0	0
591	CRTFP Ux-	0	0	0	0	0	0
591	CRTFP Uy+	0	0	0	0	0	0
591	CRTFP Uy-	0	0	0	0	0	0
592	SLU 1	-1.27	0.57	65.48	-0.0691	0.0294	-0.03
592	SLU 2	-1.26	0.73	65.51	-0.0647	0.0292	-0.0321
592	SLU 3	-1.3	0.59	67.05	-0.0696	0.0302	-0.0308
592	SLU 4	-1.3	0.69	67.06	-0.067	0.0301	-0.0321
592	SLU 5	-1.29	0.75	66.46	-0.0655	0.0298	-0.0327
592	SLU 6	-1.32	0.61	68	-0.0704	0.0307	-0.0314
592	SLU 7	-1.32	0.7	68.02	-0.0678	0.0306	-0.0326
592	SLU 8	-1.31	0.6	67.4	-0.0707	0.0305	-0.0312
592	SLU 9	-1.31	0.7	67.41	-0.0681	0.0304	-0.0324
592	SLU 10	-1.32	0.89	73.26	-0.0645	0.0308	-0.0365
592	SLU 11	-1.36	0.75	74.8	-0.0694	0.0318	-0.0351
592	SLU 12	-1.35	0.84	74.81	-0.0668	0.0317	-0.0364
592	SLU 13	-1.34	0.9	74.21	-0.0653	0.0313	-0.037
592	SLU 14	-1.38	0.76	75.75	-0.0703	0.0323	-0.0357
592	SLU 15	-1.38	0.86	75.77	-0.0676	0.0322	-0.037
592	SLU 16	-1.37	0.75	75.15	-0.0706	0.0321	-0.0355
592	SLU 17	-1.37	0.85	75.16	-0.0679	0.032	-0.0367
592	SLU 18	-1.35	0.79	76.55	-0.0688	0.0317	-0.0363
592	SLU 19	-1.34	0.89	76.57	-0.0662	0.0316	-0.0375
592	SLU 20	-1.37	0.81	77.51	-0.0697	0.0322	-0.0368
592	SLU 21	-1.37	0.9	77.52	-0.067	0.0321	-0.0381
592	SLU 22	-1.37	0.71	73.22	-0.0642	0.0317	-0.0338
592	SLU 23	-1.36	0.88	73.25	-0.0598	0.0315	-0.0359
592	SLU 24	-1.4	0.73	74.79	-0.0648	0.0325	-0.0345
592	SLU 25	-1.4	0.83	74.8	-0.0621	0.0324	-0.0358
592	SLU 26	-1.39	0.89	74.2	-0.0606	0.0321	-0.0364
592	SLU 27	-1.42	0.75	75.74	-0.0656	0.033	-0.0351
592	SLU 28	-1.42	0.84	75.76	-0.0629	0.0329	-0.0363
592	SLU 29	-1.41	0.74	75.14	-0.0659	0.0328	-0.0349
592	SLU 30	-1.41	0.84	75.15	-0.0632	0.0327	-0.0361
592	SLU 31	-1.42	1.03	81	-0.0596	0.0331	-0.0402
592	SLU 32	-1.45	0.89	82.54	-0.0646	0.0341	-0.0389
592	SLU 33	-1.45	0.98	82.55	-0.0619	0.034	-0.0401
592	SLU 34	-1.44	1.04	81.95	-0.0605	0.0337	-0.0408
592	SLU 35	-1.48	0.9	83.49	-0.0654	0.0346	-0.0394
592	SLU 36	-1.47	1	83.51	-0.0628	0.0345	-0.0407
592	SLU 37	-1.47	0.9	82.89	-0.0657	0.0344	-0.0392
592	SLU 38	-1.47	0.99	82.9	-0.0631	0.0343	-0.0405
592	SLU 39	-1.45	0.93	84.29	-0.064	0.034	-0.04
592	SLU 40	-1.44	1.03	84.31	-0.0613	0.0339	-0.0412
592	SLU 41	-1.47	0.95	85.25	-0.0648	0.0345	-0.0405
592	SLU 42	-1.47	1.04	85.26	-0.0622	0.0344	-0.0418
592	SLU 43	-1.61	0.7	82.47	-0.0915	0.0374	-0.0378
592	SLU 44	-1.61	0.86	82.5	-0.0871	0.0372	-0.0399
592	SLU 45	-1.65	0.72	84.04	-0.092	0.0382	-0.0385
592	SLU 46	-1.64	0.81	84.05	-0.0894	0.0381	-0.0398
592	SLU 47	-1.63	0.87	83.46	-0.0879	0.0378	-0.0404
592	SLU 48	-1.67	0.73	85	-0.0928	0.0388	-0.0391
592	SLU 49	-1.67	0.83	85.01	-0.0902	0.0386	-0.0403
592	SLU 50	-1.66	0.72	84.39	-0.0931	0.0385	-0.0389
592	SLU 51	-1.66	0.82	84.4	-0.0905	0.0384	-0.0401
592	SLU 52	-1.66	1.01	90.25	-0.0869	0.0388	-0.0442
592	SLU 53	-1.7	0.87	91.79	-0.0918	0.0398	-0.0429
592	SLU 54	-1.7	0.96	91.8	-0.0892	0.0397	-0.0441
592	SLU 55	-1.69	1.02	91.2	-0.0877	0.0394	-0.0448
592	SLU 56	-1.72	0.88	92.74	-0.0927	0.0404	-0.0434
592	SLU 57	-1.72	0.98	92.76	-0.09	0.0402	-0.0447
592	SLU 58	-1.72	0.88	92.14	-0.093	0.0401	-0.0432
592	SLU 59	-1.71	0.97	92.15	-0.0903	0.04	-0.0445
592	SLU 60	-1.69	0.91	93.54	-0.0912	0.0397	-0.044
592	SLU 61	-1.69	1.01	93.56	-0.0886	0.0396	-0.0452



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
592	SLU 62	-1.72	0.93	94.5	-0.0921	0.0402	-0.0445
592	SLU 63	-1.71	1.03	94.52	-0.0894	0.0401	-0.0458
592	SLU 64	-1.71	0.84	90.21	-0.0866	0.0397	-0.0415
592	SLU 65	-1.71	1	90.24	-0.0822	0.0395	-0.0436
592	SLU 66	-1.75	0.86	91.78	-0.0871	0.0405	-0.0423
592	SLU 67	-1.74	0.95	91.79	-0.0845	0.0404	-0.0435
592	SLU 68	-1.73	1.01	91.19	-0.083	0.0401	-0.0442
592	SLU 69	-1.77	0.87	92.73	-0.0888	0.0411	-0.0428
592	SLU 70	-1.77	0.97	92.75	-0.0853	0.041	-0.0441
592	SLU 71	-1.76	0.87	92.13	-0.0883	0.0408	-0.0426
592	SLU 72	-1.76	0.96	92.14	-0.0856	0.0407	-0.0439
592	SLU 73	-1.76	1.15	97.99	-0.082	0.0411	-0.0479
592	SLU 74	-1.8	1.01	99.53	-0.087	0.0421	-0.0466
592	SLU 75	-1.8	1.11	99.54	-0.0843	0.042	-0.0479
592	SLU 76	-1.79	1.17	98.94	-0.0829	0.0417	-0.0485
592	SLU 77	-1.82	1.02	100.48	-0.0878	0.0427	-0.0472
592	SLU 78	-1.82	1.12	100.5	-0.0852	0.0426	-0.0484
592	SLU 79	-1.82	1.02	99.88	-0.0881	0.0424	-0.047
592	SLU 80	-1.81	1.12	99.89	-0.0855	0.0423	-0.0482
592	SLU 81	-1.79	1.06	101.28	-0.0864	0.042	-0.0477
592	SLU 82	-1.79	1.15	101.3	-0.0837	0.0419	-0.049
592	SLU 83	-1.82	1.07	102.24	-0.0872	0.0426	-0.0483
592	SLU 84	-1.81	1.17	102.26	-0.0846	0.0424	-0.0495
592	SLE RA 1	-1.3	0.61	67.69	-0.0677	0.0301	-0.0311
592	SLE RA 2	-1.29	0.72	67.71	-0.0648	0.0299	-0.0325
592	SLE RA 3	-1.32	0.63	68.74	-0.0681	0.0306	-0.0316
592	SLE RA 4	-1.32	0.69	68.75	-0.0663	0.0305	-0.0325
592	SLE RA 5	-1.31	0.73	68.35	-0.0653	0.0303	-0.0329
592	SLE RA 6	-1.33	0.64	69.37	-0.0686	0.0309	-0.032
592	SLE RA 7	-1.33	0.7	69.38	-0.0668	0.0309	-0.0328
592	SLE RA 8	-1.33	0.63	68.97	-0.0688	0.0308	-0.0318
592	SLE RA 9	-1.33	0.7	68.98	-0.067	0.0307	-0.0327
592	SLE RA 10	-1.33	0.82	72.88	-0.0646	0.031	-0.0354
592	SLE RA 11	-1.35	0.73	73.9	-0.0679	0.0316	-0.0345
592	SLE RA 12	-1.35	0.79	73.91	-0.0662	0.0316	-0.0353
592	SLE RA 13	-1.35	0.83	73.51	-0.0652	0.0314	-0.0358
592	SLE RA 14	-1.37	0.74	74.54	-0.0685	0.032	-0.0349
592	SLE RA 15	-1.37	0.8	74.55	-0.0667	0.0319	-0.0357
592	SLE RA 16	-1.36	0.73	74.14	-0.0687	0.0318	-0.0347
592	SLE RA 17	-1.36	0.8	74.15	-0.0669	0.0318	-0.0356
592	SLE RA 18	-1.35	0.76	75.07	-0.0675	0.0316	-0.0352
592	SLE RA 19	-1.35	0.82	75.08	-0.0658	0.0315	-0.0361
592	SLE RA 20	-1.36	0.77	75.71	-0.0681	0.0319	-0.0356
592	SLE RA 21	-1.36	0.83	75.72	-0.0663	0.0319	-0.0365
592	SLE FR 1	-1.3	0.61	67.69	-0.0677	0.0301	-0.0311
592	SLE FR 2	-1.3	0.63	67.7	-0.0671	0.03	-0.0314
592	SLE FR 3	-1.3	0.62	67.95	-0.0679	0.0302	-0.0313
592	SLE FR 4	-1.31	0.68	69.91	-0.0671	0.0305	-0.0326
592	SLE FR 5	-1.32	0.66	70.16	-0.0679	0.0307	-0.0325
592	SLE FR 6	-1.32	0.69	71.38	-0.0676	0.0308	-0.0332
592	SLE QP 1	-1.3	0.61	67.69	-0.0677	0.0301	-0.0311
592	SLE QP 2	-1.31	0.66	69.91	-0.0677	0.0305	-0.0324
592	SLD 1	3.16	1.61	86.73	-0.1248	0.0677	-0.0564
592	SLD 2	3.16	0.77	86.74	-0.1037	0.0676	-0.0443
592	SLD 3	3.22	-0.51	86.41	-0.1112	0.0663	-0.0335
592	SLD 4	3.23	-1.36	86.42	-0.0901	0.0662	-0.0213
592	SLD 5	-0.07	4.32	75.44	-0.1093	0.0438	-0.0765
592	SLD 6	-0.07	3.77	75.44	-0.0954	0.0437	-0.0685
592	SLD 7	0.15	-2.77	74.38	-0.0638	0.0392	-0.0001
592	SLD 8	0.15	-3.32	74.38	-0.0499	0.0391	0.0079
592	SLD 9	-2.77	4.64	65.43	-0.0854	0.0219	-0.0726
592	SLD 10	-2.77	4.08	65.44	-0.0715	0.0219	-0.0646
592	SLD 11	-2.56	-2.45	64.37	-0.0399	0.0173	0.0038
592	SLD 12	-2.55	-3.01	64.38	-0.026	0.0172	0.0118
592	SLD 13	-5.85	2.67	53.4	-0.0452	-0.0052	-0.0434
592	SLD 14	-5.85	1.83	53.4	-0.0241	-0.0053	-0.0312
592	SLD 15	-5.79	0.54	53.08	-0.0316	-0.0065	-0.0204
592	SLD 16	-5.78	-0.3	53.08	-0.0105	-0.0067	-0.0083
592	SLV 1	9.15	2.81	109.28	-0.2012	0.1176	-0.0878
592	SLV 2	9.16	0.85	109.3	-0.152	0.1173	-0.0595
592	SLV 3	9.3	-2.01	108.55	-0.1699	0.1143	-0.0358
592	SLV 4	9.31	-3.97	108.56	-0.1207	0.114	-0.0076
592	SLV 5	1.6	8.95	82.84	-0.1637	0.0616	-0.1327
592	SLV 6	1.6	7.68	82.85	-0.1319	0.0614	-0.1144
592	SLV 7	2.1	-7.11	80.38	-0.0593	0.0508	0.0405
592	SLV 8	2.1	-8.38	80.39	-0.0275	0.0506	0.0588
592	SLV 9	-4.73	9.69	59.43	-0.1078	0.0104	-0.1235
592	SLV 10	-4.72	8.42	59.44	-0.076	0.0102	-0.1052
592	SLV 11	-4.23	-6.37	56.97	-0.0034	-0.0004	0.0497
592	SLV 12	-4.22	-7.64	56.98	0.0284	-0.0006	0.068
592	SLV 13	-11.93	5.28	31.25	-0.0146	-0.053	-0.0572
592	SLV 14	-11.92	3.32	31.27	0.0346	-0.0533	-0.0289
592	SLV 15	-11.78	0.47	30.52	0.0167	-0.0563	-0.0052
592	SLV 16	-11.77	-1.5	30.53	0.0659	-0.0566	0.0231
592	CRTFP Ux+	0	0	0	0	0	0
592	CRTFP Ux-	0	0	0	0	0	0
592	CRTFP Uy+	0	0	0	0	0	0
592	CRTFP Uy-	0	0	0	0	0	0
593	SLU 1	-1.25	0.42	64.53	-0.0713	0.0262	-0.0311



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
593	SLU 2	-1.25	0.57	64.56	-0.0671	0.0261	-0.0332
593	SLU 3	-1.28	0.44	66.07	-0.0718	0.0269	-0.0319
593	SLU 4	-1.28	0.53	66.09	-0.0693	0.0268	-0.0331
593	SLU 5	-1.27	0.58	65.5	-0.0679	0.0266	-0.0338
593	SLU 6	-1.31	0.45	67.01	-0.0726	0.0274	-0.0324
593	SLU 7	-1.3	0.54	67.03	-0.0701	0.0273	-0.0337
593	SLU 8	-1.3	0.44	66.41	-0.0729	0.0272	-0.0322
593	SLU 9	-1.29	0.53	66.43	-0.0704	0.0271	-0.0335
593	SLU 10	-1.3	0.7	72.27	-0.0669	0.0274	-0.0377
593	SLU 11	-1.34	0.57	73.77	-0.0716	0.0282	-0.0363
593	SLU 12	-1.33	0.66	73.79	-0.0691	0.0281	-0.0376
593	SLU 13	-1.32	0.71	73.2	-0.0677	0.0279	-0.0383
593	SLU 14	-1.36	0.58	74.71	-0.0725	0.0287	-0.0369
593	SLU 15	-1.36	0.67	74.73	-0.0699	0.0286	-0.0382
593	SLU 16	-1.35	0.58	74.11	-0.0728	0.0285	-0.0367
593	SLU 17	-1.35	0.67	74.13	-0.0702	0.0284	-0.038
593	SLU 18	-1.33	0.61	75.54	-0.0711	0.0281	-0.0374
593	SLU 19	-1.32	0.7	75.55	-0.0685	0.028	-0.0387
593	SLU 20	-1.35	0.62	76.47	-0.0719	0.0286	-0.038
593	SLU 21	-1.35	0.71	76.49	-0.0693	0.0285	-0.0393
593	SLU 22	-1.35	0.54	72.2	-0.0662	0.0282	-0.0348
593	SLU 23	-1.34	0.69	72.23	-0.062	0.0281	-0.037
593	SLU 24	-1.38	0.56	73.74	-0.0667	0.0289	-0.0356
593	SLU 25	-1.38	0.65	73.76	-0.0642	0.0288	-0.0369
593	SLU 26	-1.37	0.71	73.17	-0.0628	0.0286	-0.0376
593	SLU 27	-1.4	0.57	74.68	-0.0675	0.0294	-0.0362
593	SLU 28	-1.4	0.66	74.7	-0.065	0.0293	-0.0375
593	SLU 29	-1.4	0.57	74.08	-0.0678	0.0292	-0.036
593	SLU 30	-1.39	0.66	74.1	-0.0653	0.0291	-0.0373
593	SLU 31	-1.4	0.83	79.93	-0.0618	0.0294	-0.0414
593	SLU 32	-1.43	0.69	81.44	-0.0665	0.0302	-0.04
593	SLU 33	-1.43	0.78	81.46	-0.064	0.0301	-0.0413
593	SLU 34	-1.42	0.84	80.87	-0.0626	0.0299	-0.042
593	SLU 35	-1.46	0.7	82.38	-0.0673	0.0307	-0.0406
593	SLU 36	-1.45	0.79	82.4	-0.0648	0.0306	-0.0419
593	SLU 37	-1.45	0.7	81.78	-0.0677	0.0305	-0.0404
593	SLU 38	-1.45	0.79	81.8	-0.0651	0.0304	-0.0417
593	SLU 39	-1.43	0.73	83.2	-0.066	0.0301	-0.0412
593	SLU 40	-1.42	0.82	83.22	-0.0634	0.03	-0.0425
593	SLU 41	-1.45	0.74	84.14	-0.0668	0.0306	-0.0418
593	SLU 42	-1.45	0.83	84.16	-0.0642	0.0305	-0.043
593	SLU 43	-1.59	0.51	81.27	-0.0945	0.0334	-0.0391
593	SLU 44	-1.59	0.66	81.3	-0.0902	0.0333	-0.0413
593	SLU 45	-1.62	0.52	82.81	-0.095	0.0341	-0.0399
593	SLU 46	-1.62	0.61	82.82	-0.0924	0.034	-0.0412
593	SLU 47	-1.61	0.67	82.24	-0.0911	0.0338	-0.0419
593	SLU 48	-1.65	0.53	83.75	-0.0958	0.0346	-0.0405
593	SLU 49	-1.64	0.62	83.76	-0.0932	0.0345	-0.0418
593	SLU 50	-1.64	0.53	83.15	-0.0961	0.0344	-0.0403
593	SLU 51	-1.64	0.62	83.16	-0.0936	0.0343	-0.0416
593	SLU 52	-1.64	0.79	89	-0.0901	0.0346	-0.0457
593	SLU 53	-1.68	0.65	90.51	-0.0948	0.0354	-0.0443
593	SLU 54	-1.68	0.74	90.52	-0.0923	0.0353	-0.0456
593	SLU 55	-1.66	0.8	89.94	-0.0909	0.0351	-0.0463
593	SLU 56	-1.7	0.66	91.45	-0.0956	0.0359	-0.0449
593	SLU 57	-1.7	0.75	91.46	-0.0931	0.0358	-0.0462
593	SLU 58	-1.69	0.66	90.85	-0.0959	0.0357	-0.0447
593	SLU 59	-1.69	0.75	90.86	-0.0934	0.0356	-0.046
593	SLU 60	-1.67	0.69	92.27	-0.0942	0.0353	-0.0455
593	SLU 61	-1.67	0.78	92.29	-0.0917	0.0352	-0.0468
593	SLU 62	-1.69	0.7	93.21	-0.095	0.0358	-0.046
593	SLU 63	-1.69	0.79	93.22	-0.0925	0.0357	-0.0473
593	SLU 64	-1.69	0.63	88.93	-0.0894	0.0354	-0.0429
593	SLU 65	-1.69	0.78	88.96	-0.0851	0.0353	-0.045
593	SLU 66	-1.72	0.64	90.47	-0.0899	0.0361	-0.0436
593	SLU 67	-1.72	0.73	90.49	-0.0873	0.036	-0.0449
593	SLU 68	-1.71	0.79	89.9	-0.0859	0.0358	-0.0456
593	SLU 69	-1.75	0.66	91.41	-0.0907	0.0366	-0.0442
593	SLU 70	-1.74	0.75	91.43	-0.0881	0.0365	-0.0455
593	SLU 71	-1.74	0.65	90.81	-0.091	0.0364	-0.044
593	SLU 72	-1.73	0.74	90.83	-0.0884	0.0363	-0.0453
593	SLU 73	-1.74	0.91	96.66	-0.085	0.0366	-0.0495
593	SLU 74	-1.78	0.78	98.17	-0.0897	0.0374	-0.0481
593	SLU 75	-1.77	0.87	98.19	-0.0871	0.0373	-0.0494
593	SLU 76	-1.76	0.92	97.6	-0.0858	0.0371	-0.05
593	SLU 77	-1.8	0.79	99.11	-0.0905	0.0379	-0.0487
593	SLU 78	-1.8	0.88	99.13	-0.0879	0.0378	-0.0499
593	SLU 79	-1.79	0.78	98.51	-0.0908	0.0377	-0.0485
593	SLU 80	-1.79	0.87	98.53	-0.0883	0.0376	-0.0497
593	SLU 81	-1.77	0.82	99.93	-0.0891	0.0373	-0.0492
593	SLU 82	-1.76	0.91	99.95	-0.0866	0.0372	-0.0505
593	SLU 83	-1.79	0.83	100.87	-0.0899	0.0378	-0.0498
593	SLU 84	-1.79	0.92	100.89	-0.0874	0.0377	-0.0511
593	SLE RA 1	-1.28	0.46	66.72	-0.0699	0.0268	-0.0322
593	SLE RA 2	-1.28	0.56	66.74	-0.067	0.0267	-0.0336
593	SLE RA 3	-1.3	0.47	67.75	-0.0702	0.0273	-0.0327
593	SLE RA 4	-1.3	0.53	67.76	-0.0685	0.0272	-0.0335
593	SLE RA 5	-1.29	0.56	67.37	-0.0676	0.027	-0.034
593	SLE RA 6	-1.32	0.47	68.38	-0.0707	0.0276	-0.033



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
593	SLE RA 7	-1.31	0.53	68.39	-0.069	0.0275	-0.0339
593	SLE RA 8	-1.31	0.47	67.98	-0.0709	0.0275	-0.0329
593	SLE RA 9	-1.31	0.53	67.99	-0.0692	0.0274	-0.0338
593	SLE RA 10	-1.31	0.64	71.88	-0.0669	0.0276	-0.0366
593	SLE RA 11	-1.34	0.55	72.88	-0.0701	0.0281	-0.0356
593	SLE RA 12	-1.33	0.61	72.9	-0.0684	0.0281	-0.0365
593	SLE RA 13	-1.33	0.65	72.5	-0.0675	0.0279	-0.0369
593	SLE RA 14	-1.35	0.56	73.51	-0.0706	0.0285	-0.036
593	SLE RA 15	-1.35	0.62	73.52	-0.0689	0.0284	-0.0369
593	SLE RA 16	-1.35	0.56	73.11	-0.0708	0.0283	-0.0359
593	SLE RA 17	-1.34	0.62	73.12	-0.0691	0.0283	-0.0367
593	SLE RA 18	-1.33	0.58	74.06	-0.0697	0.028	-0.0364
593	SLE RA 19	-1.33	0.64	74.07	-0.068	0.028	-0.0373
593	SLE RA 20	-1.35	0.59	74.68	-0.0702	0.0284	-0.0368
593	SLE RA 21	-1.34	0.65	74.7	-0.0685	0.0283	-0.0376
593	SLE FR 1	-1.28	0.46	66.72	-0.0699	0.0268	-0.0322
593	SLE FR 2	-1.28	0.48	66.73	-0.0693	0.0268	-0.0324
593	SLE FR 3	-1.29	0.46	66.98	-0.0701	0.0269	-0.0323
593	SLE FR 4	-1.29	0.51	68.93	-0.0693	0.0272	-0.0337
593	SLE FR 5	-1.3	0.5	69.18	-0.07	0.0273	-0.0336
593	SLE FR 6	-1.3	0.52	70.39	-0.0698	0.0274	-0.0343
593	SLE QP 1	-1.28	0.46	66.72	-0.0699	0.0268	-0.0322
593	SLE QP 2	-1.29	0.49	68.92	-0.0698	0.0272	-0.0334
593	SLD 1	3.19	1.35	84.54	-0.1272	0.0628	-0.0576
593	SLD 2	3.19	0.57	84.55	-0.1064	0.0627	-0.0459
593	SLD 3	3.25	-0.66	84.19	-0.1142	0.0616	-0.0352
593	SLD 4	3.25	-1.45	84.21	-0.0934	0.0615	-0.0235
593	SLD 5	-0.05	3.95	74.13	-0.1105	0.0398	-0.0767
593	SLD 6	-0.04	3.43	74.14	-0.0968	0.0397	-0.069
593	SLD 7	0.16	-2.77	72.98	-0.0671	0.0357	-0.0021
593	SLD 8	0.17	-3.28	72.99	-0.0534	0.0356	0.0056
593	SLD 9	-2.76	4.27	64.86	-0.0862	0.0188	-0.0725
593	SLD 10	-2.75	3.76	64.87	-0.0725	0.0187	-0.0648
593	SLD 11	-2.54	-2.44	63.71	-0.0428	0.0147	0.0022
593	SLD 12	-2.54	-2.96	63.72	-0.0292	0.0146	0.0099
593	SLD 13	-5.84	2.43	53.64	-0.0462	-0.0071	-0.0434
593	SLD 14	-5.84	1.65	53.66	-0.0255	-0.0072	-0.0316
593	SLD 15	-5.78	0.42	53.3	-0.0332	-0.0083	-0.021
593	SLD 16	-5.77	-0.36	53.31	-0.0125	-0.0085	-0.0093
593	SLV 1	9.19	2.42	105.47	-0.2038	0.1106	-0.0891
593	SLV 2	9.2	0.59	105.5	-0.1554	0.1103	-0.0618
593	SLV 3	9.33	-2.14	104.67	-0.1738	0.1077	-0.0384
593	SLV 4	9.35	-3.97	104.69	-0.1254	0.1074	-0.0111
593	SLV 5	1.62	8.31	81.1	-0.1639	0.0566	-0.1318
593	SLV 6	1.63	7.13	81.12	-0.1326	0.0564	-0.1141
593	SLV 7	2.12	-6.9	78.42	-0.0639	0.047	0.0373
593	SLV 8	2.12	-8.08	78.44	-0.0326	0.0468	0.0549
593	SLV 9	-4.71	9.07	59.41	-0.107	0.0075	-0.1218
593	SLV 10	-4.7	7.89	59.43	-0.0757	0.0073	-0.1041
593	SLV 11	-4.22	-6.14	56.73	-0.007	-0.0021	0.0473
593	SLV 12	-4.21	-7.32	56.75	-0.0243	-0.0023	0.065
593	SLV 13	-11.94	4.96	33.16	-0.0142	-0.0531	-0.0558
593	SLV 14	-11.92	3.13	33.18	0.0342	-0.0534	-0.0284
593	SLV 15	-11.79	0.39	32.35	0.0158	-0.0559	-0.0051
593	SLV 16	-11.78	-1.43	32.38	0.0642	-0.0562	0.0223
593	CRTFP Ux+	0	0	0	0	0	0
593	CRTFP Ux-	0	0	0	0	0	0
593	CRTFP Uy+	0	0	0	0	0	0
593	CRTFP Uy-	0	0	0	0	0	0
594	SLU 1	-1.23	0.27	63.66	-0.0738	0.0249	-0.0315
594	SLU 2	-1.23	0.41	63.7	-0.0698	0.0248	-0.0336
594	SLU 3	-1.26	0.28	65.18	-0.0743	0.0256	-0.0322
594	SLU 4	-1.26	0.36	65.2	-0.0718	0.0255	-0.0335
594	SLU 5	-1.25	0.41	64.62	-0.0706	0.0252	-0.0342
594	SLU 6	-1.28	0.29	66.1	-0.0751	0.026	-0.0328
594	SLU 7	-1.28	0.37	66.12	-0.0726	0.0259	-0.0341
594	SLU 8	-1.28	0.28	65.51	-0.0754	0.0258	-0.0326
594	SLU 9	-1.27	0.37	65.53	-0.073	0.0258	-0.0339
594	SLU 10	-1.28	0.52	71.35	-0.0696	0.026	-0.038
594	SLU 11	-1.31	0.39	72.83	-0.0741	0.0268	-0.0366
594	SLU 12	-1.31	0.47	72.86	-0.0717	0.0267	-0.0379
594	SLU 13	-1.3	0.52	72.28	-0.0704	0.0265	-0.0386
594	SLU 14	-1.34	0.4	73.76	-0.0749	0.0273	-0.0372
594	SLU 15	-1.33	0.48	73.78	-0.0725	0.0272	-0.0385
594	SLU 16	-1.33	0.39	73.16	-0.0753	0.0271	-0.037
594	SLU 17	-1.33	0.48	73.19	-0.0728	0.027	-0.0383
594	SLU 18	-1.31	0.42	74.6	-0.0736	0.0267	-0.0378
594	SLU 19	-1.3	0.51	74.62	-0.0712	0.0266	-0.039
594	SLU 20	-1.33	0.43	75.52	-0.0744	0.0272	-0.0383
594	SLU 21	-1.33	0.51	75.54	-0.072	0.0271	-0.0396
594	SLU 22	-1.33	0.37	71.26	-0.0685	0.0268	-0.0351
594	SLU 23	-1.32	0.51	71.3	-0.0644	0.0267	-0.0373
594	SLU 24	-1.36	0.38	72.78	-0.0689	0.0275	-0.0359
594	SLU 25	-1.36	0.47	72.8	-0.0665	0.0274	-0.0372
594	SLU 26	-1.35	0.52	72.22	-0.0652	0.0272	-0.0378
594	SLU 27	-1.38	0.39	73.7	-0.0697	0.0279	-0.0365
594	SLU 28	-1.38	0.48	73.72	-0.0673	0.0279	-0.0377
594	SLU 29	-1.37	0.39	73.11	-0.0701	0.0277	-0.0363
594	SLU 30	-1.37	0.47	73.13	-0.0676	0.0277	-0.0376



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
594	SLU 31	-1.38	0.62	78.95	-0.0643	0.028	-0.0417
594	SLU 32	-1.41	0.49	80.43	-0.0688	0.0287	-0.0403
594	SLU 33	-1.41	0.58	80.45	-0.0663	0.0287	-0.0416
594	SLU 34	-1.4	0.63	79.88	-0.065	0.0284	-0.0423
594	SLU 35	-1.43	0.5	81.36	-0.0696	0.0292	-0.0409
594	SLU 36	-1.43	0.59	81.38	-0.0671	0.0291	-0.0422
594	SLU 37	-1.42	0.5	80.76	-0.0699	0.029	-0.0407
594	SLU 38	-1.42	0.58	80.79	-0.0675	0.0289	-0.042
594	SLU 39	-1.4	0.53	82.2	-0.0683	0.0286	-0.0414
594	SLU 40	-1.4	0.61	82.22	-0.0658	0.0285	-0.0427
594	SLU 41	-1.42	0.54	83.12	-0.0691	0.0291	-0.042
594	SLU 42	-1.42	0.62	83.14	-0.0666	0.029	-0.0433
594	SLU 43	-1.57	0.31	80.15	-0.0978	0.0317	-0.0396
594	SLU 44	-1.56	0.45	80.19	-0.0937	0.0316	-0.0418
594	SLU 45	-1.6	0.32	81.67	-0.0983	0.0324	-0.0404
594	SLU 46	-1.59	0.41	81.69	-0.0958	0.0323	-0.0417
594	SLU 47	-1.58	0.46	81.11	-0.0945	0.0321	-0.0423
594	SLU 48	-1.62	0.33	82.59	-0.0991	0.0328	-0.041
594	SLU 49	-1.62	0.41	82.61	-0.0966	0.0328	-0.0422
594	SLU 50	-1.61	0.33	82	-0.0994	0.0327	-0.0408
594	SLU 51	-1.61	0.41	82.02	-0.097	0.0326	-0.042
594	SLU 52	-1.61	0.56	87.85	-0.0936	0.0329	-0.0462
594	SLU 53	-1.65	0.43	89.33	-0.0981	0.0336	-0.0448
594	SLU 54	-1.65	0.52	89.35	-0.0957	0.0336	-0.0461
594	SLU 55	-1.64	0.57	88.77	-0.0944	0.0333	-0.0468
594	SLU 56	-1.67	0.44	90.25	-0.0989	0.0341	-0.0454
594	SLU 57	-1.67	0.52	90.27	-0.0965	0.034	-0.0467
594	SLU 58	-1.66	0.44	89.66	-0.0993	0.0339	-0.0452
594	SLU 59	-1.66	0.52	89.68	-0.0968	0.0338	-0.0465
594	SLU 60	-1.64	0.47	91.09	-0.0976	0.0335	-0.0459
594	SLU 61	-1.64	0.55	91.11	-0.0952	0.0334	-0.0472
594	SLU 62	-1.66	0.48	92.02	-0.0984	0.034	-0.0465
594	SLU 63	-1.66	0.56	92.04	-0.096	0.0339	-0.0478
594	SLU 64	-1.66	0.42	87.75	-0.0925	0.0336	-0.0433
594	SLU 65	-1.66	0.56	87.79	-0.0884	0.0335	-0.0454
594	SLU 66	-1.69	0.43	89.27	-0.0929	0.0343	-0.0441
594	SLU 67	-1.69	0.51	89.29	-0.0905	0.0342	-0.0454
594	SLU 68	-1.68	0.56	88.71	-0.0892	0.034	-0.046
594	SLU 69	-1.72	0.44	90.19	-0.0937	0.0348	-0.0446
594	SLU 70	-1.71	0.52	90.21	-0.0913	0.0347	-0.0459
594	SLU 71	-1.71	0.43	89.6	-0.0941	0.0346	-0.0444
594	SLU 72	-1.71	0.52	89.62	-0.0916	0.0345	-0.0457
594	SLU 73	-1.71	0.66	95.45	-0.0882	0.0348	-0.0499
594	SLU 74	-1.75	0.54	96.93	-0.0928	0.0355	-0.0485
594	SLU 75	-1.74	0.62	96.95	-0.0903	0.0355	-0.0498
594	SLU 76	-1.73	0.67	96.37	-0.089	0.0352	-0.0504
594	SLU 77	-1.77	0.55	97.85	-0.0936	0.036	-0.0491
594	SLU 78	-1.77	0.63	97.87	-0.0911	0.0359	-0.0503
594	SLU 79	-1.76	0.54	97.26	-0.0939	0.0358	-0.0489
594	SLU 80	-1.76	0.63	97.28	-0.0915	0.0357	-0.0501
594	SLU 81	-1.74	0.57	98.69	-0.0923	0.0354	-0.0496
594	SLU 82	-1.74	0.66	98.71	-0.0898	0.0354	-0.0509
594	SLU 83	-1.76	0.58	99.61	-0.0931	0.0359	-0.0502
594	SLU 84	-1.76	0.66	99.64	-0.0906	0.0358	-0.0515
594	SLE RA 1	-1.26	0.3	65.83	-0.0723	0.0255	-0.0325
594	SLE RA 2	-1.26	0.39	65.86	-0.0696	0.0254	-0.0339
594	SLE RA 3	-1.28	0.3	66.84	-0.0726	0.0259	-0.033
594	SLE RA 4	-1.28	0.36	66.86	-0.071	0.0258	-0.0339
594	SLE RA 5	-1.27	0.4	66.47	-0.0701	0.0257	-0.0343
594	SLE RA 6	-1.29	0.31	67.46	-0.0731	0.0262	-0.0334
594	SLE RA 7	-1.29	0.37	67.47	-0.0715	0.0262	-0.0342
594	SLE RA 8	-1.29	0.31	67.06	-0.0734	0.0261	-0.0333
594	SLE RA 9	-1.29	0.36	67.08	-0.0717	0.026	-0.0341
594	SLE RA 10	-1.29	0.46	70.96	-0.0695	0.0262	-0.0369
594	SLE RA 11	-1.31	0.38	71.95	-0.0725	0.0267	-0.036
594	SLE RA 12	-1.31	0.43	71.96	-0.0709	0.0267	-0.0368
594	SLE RA 13	-1.31	0.47	71.58	-0.07	0.0265	-0.0373
594	SLE RA 14	-1.33	0.38	72.56	-0.073	0.027	-0.0363
594	SLE RA 15	-1.33	0.44	72.58	-0.0714	0.027	-0.0372
594	SLE RA 16	-1.32	0.38	72.17	-0.0733	0.0269	-0.0362
594	SLE RA 17	-1.32	0.44	72.18	-0.0716	0.0269	-0.0371
594	SLE RA 18	-1.31	0.4	73.12	-0.0722	0.0267	-0.0367
594	SLE RA 19	-1.31	0.46	73.14	-0.0705	0.0266	-0.0376
594	SLE RA 20	-1.32	0.41	73.74	-0.0727	0.027	-0.0371
594	SLE RA 21	-1.32	0.46	73.75	-0.0711	0.0269	-0.0379
594	SLE FR 1	-1.26	0.3	65.83	-0.0723	0.0255	-0.0325
594	SLE FR 2	-1.26	0.32	65.84	-0.0718	0.0254	-0.0328
594	SLE FR 3	-1.26	0.3	66.08	-0.0725	0.0256	-0.0327
594	SLE FR 4	-1.27	0.35	68.02	-0.0717	0.0258	-0.0341
594	SLE FR 5	-1.28	0.33	68.27	-0.0725	0.0259	-0.0339
594	SLE FR 6	-1.28	0.35	69.48	-0.0722	0.0261	-0.0346
594	SLE QP 1	-1.26	0.3	65.83	-0.0723	0.0255	-0.0325
594	SLE QP 2	-1.27	0.33	68.02	-0.0723	0.0258	-0.0338
594	SLD 1	3.22	1.08	82.47	-0.1302	0.0604	-0.0574
594	SLD 2	3.22	0.36	82.48	-0.1097	0.0603	-0.0463
594	SLD 3	3.28	-0.82	82.09	-0.1175	0.0594	-0.0363
594	SLD 4	3.28	-1.55	82.11	-0.097	0.0593	-0.0252
594	SLD 5	-0.02	3.58	72.92	-0.1125	0.0378	-0.0748
594	SLD 6	-0.02	3.1	72.93	-0.099	0.0377	-0.0675



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
594	SLD 7	0.19	-2.78	71.67	-0.0703	0.0344	-0.0046
594	SLD 8	0.19	-3.26	71.68	-0.0568	0.0343	0.0027
594	SLD 9	-2.74	3.91	64.36	-0.0877	0.0174	-0.0703
594	SLD 10	-2.73	3.43	64.37	-0.0742	0.0173	-0.063
594	SLD 11	-2.53	-2.44	63.11	-0.0455	0.014	-0.0001
594	SLD 12	-2.52	-2.92	63.12	-0.032	0.0139	0.0073
594	SLD 13	-5.83	2.21	53.93	-0.0475	-0.0076	-0.0423
594	SLD 14	-5.82	1.48	53.95	-0.027	-0.0077	-0.0312
594	SLD 15	-5.77	0.3	53.56	-0.0349	-0.0086	-0.0213
594	SLD 16	-5.76	-0.43	53.57	-0.0144	-0.0088	-0.0102
594	SLV 1	9.23	2.02	101.83	-0.2076	0.1068	-0.0882
594	SLV 2	9.24	0.33	101.87	-0.1599	0.1065	-0.0623
594	SLV 3	9.37	-2.3	100.96	-0.1783	0.1044	-0.0404
594	SLV 4	9.39	-3.99	101	-0.1306	0.1041	-0.0146
594	SLV 5	1.66	7.68	79.47	-0.1656	0.0538	-0.1269
594	SLV 6	1.66	6.58	79.5	-0.1348	0.0536	-0.1102
594	SLV 7	2.14	-6.72	76.58	-0.0679	0.0458	0.0321
594	SLV 8	2.15	-7.81	76.61	-0.037	0.0457	0.0488
594	SLV 9	-4.69	8.47	59.43	-0.1075	0.006	-0.1164
594	SLV 10	-4.68	7.37	59.46	-0.0766	0.0058	-0.0997
594	SLV 11	-4.21	-5.93	56.54	-0.0098	-0.0019	0.0427
594	SLV 12	-4.2	-7.03	56.57	0.0211	-0.0021	0.0594
594	SLV 13	-11.93	4.65	35.04	-0.0139	-0.0525	-0.0529
594	SLV 14	-11.92	2.95	35.08	0.0338	-0.0528	-0.0271
594	SLV 15	-11.79	0.33	34.17	0.0154	-0.0548	-0.0052
594	SLV 16	-11.78	-1.37	34.21	0.0631	-0.0551	0.0206
594	CRTFP Ux+	0	0	0	0	0	0
594	CRTFP Ux-	0	0	0	0	0	0
594	CRTFP Uy+	0	0	0	0	0	0
594	CRTFP Uy-	0	0	0	0	0	0
595	SLU 1	-1.21	0.11	62.81	-0.0767	0.0246	-0.0312
595	SLU 2	-1.2	0.24	62.85	-0.0727	0.0245	-0.0332
595	SLU 3	-1.24	0.12	64.31	-0.0771	0.0253	-0.0319
595	SLU 4	-1.23	0.2	64.33	-0.0747	0.0252	-0.0332
595	SLU 5	-1.22	0.25	63.76	-0.0735	0.025	-0.0338
595	SLU 6	-1.26	0.13	65.22	-0.0779	0.0257	-0.0325
595	SLU 7	-1.26	0.2	65.24	-0.0755	0.0256	-0.0337
595	SLU 8	-1.25	0.12	64.63	-0.0782	0.0255	-0.0323
595	SLU 9	-1.25	0.2	64.65	-0.0759	0.0255	-0.0336
595	SLU 10	-1.25	0.33	70.47	-0.0726	0.0259	-0.0375
595	SLU 11	-1.29	0.21	71.92	-0.077	0.0266	-0.0362
595	SLU 12	-1.29	0.28	71.94	-0.0746	0.0266	-0.0375
595	SLU 13	-1.28	0.33	71.37	-0.0734	0.0263	-0.0381
595	SLU 14	-1.31	0.21	72.83	-0.0778	0.0271	-0.0368
595	SLU 15	-1.31	0.29	72.85	-0.0754	0.027	-0.038
595	SLU 16	-1.3	0.21	72.24	-0.0781	0.0269	-0.0366
595	SLU 17	-1.3	0.29	72.27	-0.0758	0.0268	-0.0378
595	SLU 18	-1.28	0.24	73.69	-0.0765	0.0266	-0.0373
595	SLU 19	-1.28	0.31	73.71	-0.0742	0.0265	-0.0386
595	SLU 20	-1.3	0.24	74.6	-0.0773	0.027	-0.0379
595	SLU 21	-1.3	0.32	74.62	-0.075	0.0269	-0.0391
595	SLU 22	-1.3	0.2	70.35	-0.0711	0.0266	-0.0347
595	SLU 23	-1.3	0.33	70.39	-0.0672	0.0265	-0.0368
595	SLU 24	-1.33	0.21	71.84	-0.0715	0.0272	-0.0355
595	SLU 25	-1.33	0.28	71.86	-0.0692	0.0272	-0.0367
595	SLU 26	-1.32	0.33	71.29	-0.068	0.027	-0.0373
595	SLU 27	-1.35	0.21	72.75	-0.0723	0.0277	-0.036
595	SLU 28	-1.35	0.29	72.77	-0.07	0.0276	-0.0372
595	SLU 29	-1.35	0.21	72.16	-0.0727	0.0275	-0.0358
595	SLU 30	-1.34	0.29	72.19	-0.0703	0.0274	-0.0371
595	SLU 31	-1.35	0.42	78	-0.0671	0.0279	-0.041
595	SLU 32	-1.38	0.29	79.45	-0.0714	0.0286	-0.0397
595	SLU 33	-1.38	0.37	79.48	-0.0691	0.0285	-0.041
595	SLU 34	-1.37	0.42	78.91	-0.0679	0.0283	-0.0416
595	SLU 35	-1.41	0.3	80.36	-0.0722	0.029	-0.0403
595	SLU 36	-1.4	0.38	80.38	-0.0699	0.029	-0.0415
595	SLU 37	-1.4	0.3	79.78	-0.0726	0.0288	-0.0401
595	SLU 38	-1.4	0.38	79.8	-0.0702	0.0288	-0.0414
595	SLU 39	-1.38	0.32	81.22	-0.071	0.0285	-0.0408
595	SLU 40	-1.37	0.4	81.25	-0.0686	0.0285	-0.0421
595	SLU 41	-1.4	0.33	82.13	-0.0718	0.029	-0.0414
595	SLU 42	-1.4	0.41	82.15	-0.0694	0.0289	-0.0426
595	SLU 43	-1.54	0.12	79.07	-0.1016	0.0313	-0.0394
595	SLU 44	-1.53	0.24	79.11	-0.0976	0.0313	-0.0414
595	SLU 45	-1.57	0.12	80.57	-0.102	0.032	-0.0401
595	SLU 46	-1.56	0.2	80.59	-0.0996	0.0319	-0.0413
595	SLU 47	-1.55	0.25	80.02	-0.0984	0.0317	-0.042
595	SLU 48	-1.59	0.13	81.48	-0.1028	0.0324	-0.0407
595	SLU 49	-1.59	0.21	81.5	-0.1004	0.0324	-0.0419
595	SLU 50	-1.58	0.13	80.89	-0.1031	0.0322	-0.0405
595	SLU 51	-1.58	0.2	80.91	-0.1008	0.0322	-0.0417
595	SLU 52	-1.58	0.33	86.73	-0.0975	0.0326	-0.0457
595	SLU 53	-1.62	0.21	88.18	-0.1019	0.0333	-0.0444
595	SLU 54	-1.62	0.29	88.2	-0.0996	0.0333	-0.0456
595	SLU 55	-1.61	0.34	87.63	-0.0983	0.033	-0.0463
595	SLU 56	-1.64	0.22	89.09	-0.1027	0.0338	-0.0449
595	SLU 57	-1.64	0.29	89.11	-0.1003	0.0337	-0.0462
595	SLU 58	-1.63	0.21	88.5	-0.1031	0.0336	-0.0448
595	SLU 59	-1.63	0.29	88.53	-0.1007	0.0335	-0.046



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
595	SLU 60	-1.61	0.24	89.95	-0.1014	0.0333	-0.0455
595	SLU 61	-1.61	0.32	89.97	-0.0991	0.0332	-0.0467
595	SLU 62	-1.63	0.25	90.86	-0.1022	0.0337	-0.046
595	SLU 63	-1.63	0.32	90.88	-0.0999	0.0337	-0.0473
595	SLU 64	-1.63	0.2	86.61	-0.096	0.0333	-0.0429
595	SLU 65	-1.63	0.33	86.65	-0.0921	0.0332	-0.0449
595	SLU 66	-1.66	0.21	88.1	-0.0964	0.0339	-0.0436
595	SLU 67	-1.66	0.29	88.13	-0.0941	0.0339	-0.0448
595	SLU 68	-1.65	0.34	87.55	-0.0929	0.0337	-0.0455
595	SLU 69	-1.68	0.22	89.01	-0.0972	0.0344	-0.0442
595	SLU 70	-1.68	0.29	89.03	-0.0949	0.0343	-0.0454
595	SLU 71	-1.68	0.21	88.42	-0.0976	0.0342	-0.044
595	SLU 72	-1.67	0.29	88.45	-0.0952	0.0341	-0.0452
595	SLU 73	-1.68	0.42	94.26	-0.092	0.0346	-0.0492
595	SLU 74	-1.71	0.3	95.71	-0.0963	0.0353	-0.0479
595	SLU 75	-1.71	0.38	95.74	-0.094	0.0352	-0.0491
595	SLU 76	-1.7	0.42	95.17	-0.0928	0.035	-0.0498
595	SLU 77	-1.74	0.3	96.62	-0.0971	0.0357	-0.0485
595	SLU 78	-1.73	0.38	96.65	-0.0948	0.0357	-0.0497
595	SLU 79	-1.73	0.3	96.04	-0.0975	0.0356	-0.0483
595	SLU 80	-1.72	0.38	96.06	-0.0951	0.0355	-0.0495
595	SLU 81	-1.71	0.33	97.48	-0.0959	0.0353	-0.049
595	SLU 82	-1.7	0.4	97.51	-0.0935	0.0352	-0.0502
595	SLU 83	-1.73	0.33	98.39	-0.0967	0.0357	-0.0496
595	SLU 84	-1.72	0.41	98.41	-0.0943	0.0356	-0.0508
595	SLE RA 1	-1.23	0.14	64.97	-0.0751	0.0252	-0.0322
595	SLE RA 2	-1.23	0.22	64.99	-0.0724	0.0251	-0.0336
595	SLE RA 3	-1.25	0.14	65.96	-0.0754	0.0256	-0.0327
595	SLE RA 4	-1.25	0.19	65.98	-0.0738	0.0256	-0.0335
595	SLE RA 5	-1.25	0.23	65.6	-0.073	0.0254	-0.0339
595	SLE RA 6	-1.27	0.15	66.57	-0.0759	0.0259	-0.0331
595	SLE RA 7	-1.27	0.2	66.58	-0.0743	0.0259	-0.0339
595	SLE RA 8	-1.26	0.14	66.18	-0.0761	0.0258	-0.033
595	SLE RA 9	-1.26	0.2	66.19	-0.0745	0.0257	-0.0338
595	SLE RA 10	-1.27	0.28	70.07	-0.0724	0.026	-0.0364
595	SLE RA 11	-1.29	0.2	71.04	-0.0753	0.0265	-0.0356
595	SLE RA 12	-1.29	0.25	71.05	-0.0737	0.0265	-0.0364
595	SLE RA 13	-1.28	0.28	70.67	-0.0729	0.0263	-0.0368
595	SLE RA 14	-1.3	0.2	71.64	-0.0758	0.0268	-0.0359
595	SLE RA 15	-1.3	0.26	71.66	-0.0743	0.0268	-0.0368
595	SLE RA 16	-1.3	0.2	71.25	-0.0761	0.0267	-0.0358
595	SLE RA 17	-1.3	0.25	71.27	-0.0745	0.0266	-0.0366
595	SLE RA 18	-1.28	0.22	72.22	-0.075	0.0265	-0.0363
595	SLE RA 19	-1.28	0.27	72.23	-0.0734	0.0264	-0.0371
595	SLE RA 20	-1.3	0.22	72.82	-0.0755	0.0268	-0.0367
595	SLE RA 21	-1.3	0.28	72.84	-0.0739	0.0267	-0.0375
595	SLE FR 1	-1.23	0.14	64.97	-0.0751	0.0252	-0.0322
595	SLE FR 2	-1.23	0.15	64.97	-0.0745	0.0252	-0.0325
595	SLE FR 3	-1.24	0.14	65.21	-0.0753	0.0253	-0.0324
595	SLE FR 4	-1.25	0.18	67.15	-0.0745	0.0256	-0.0337
595	SLE FR 5	-1.25	0.16	67.38	-0.0753	0.0257	-0.0336
595	SLE FR 6	-1.26	0.18	68.59	-0.075	0.0258	-0.0343
595	SLE QP 1	-1.23	0.14	64.97	-0.0751	0.0252	-0.0322
595	SLE QP 2	-1.25	0.16	67.14	-0.075	0.0256	-0.0334
595	SLD 1	3.25	0.82	80.44	-0.1339	0.0594	-0.0558
595	SLD 2	3.25	0.14	80.46	-0.1136	0.0593	-0.0455
595	SLD 3	3.31	-0.99	80.05	-0.1213	0.0587	-0.0367
595	SLD 4	3.31	-1.66	80.07	-0.1011	0.0585	-0.0264
595	SLD 5	0.01	3.22	71.73	-0.1154	0.0369	-0.071
595	SLD 6	0.01	2.78	71.74	-0.1021	0.0368	-0.0642
595	SLD 7	0.21	-2.8	70.41	-0.0735	0.0344	-0.0072
595	SLD 8	0.21	-3.25	70.42	-0.0602	0.0343	-0.0005
595	SLD 9	-2.71	3.57	63.86	-0.0899	0.0169	-0.0664
595	SLD 10	-2.71	3.13	63.87	-0.0766	0.0168	-0.0596
595	SLD 11	-2.51	-2.45	62.54	-0.048	0.0144	-0.0026
595	SLD 12	-2.51	-2.9	62.55	-0.0347	0.0143	0.0042
595	SLD 13	-5.81	1.99	54.21	-0.049	-0.0074	-0.0405
595	SLD 14	-5.81	1.31	54.23	-0.0288	-0.0075	-0.0302
595	SLD 15	-5.75	0.18	53.82	-0.0365	-0.0081	-0.0213
595	SLD 16	-5.75	-0.49	53.84	-0.0162	-0.0082	-0.011
595	SLV 1	9.27	1.63	98.27	-0.2126	0.1048	-0.0851
595	SLV 2	9.29	0.05	98.32	-0.1655	0.1045	-0.0611
595	SLV 3	9.41	-2.47	97.35	-0.1833	0.103	-0.0418
595	SLV 4	9.43	-4.04	97.4	-0.1362	0.1027	-0.0178
595	SLV 5	1.69	7.08	77.87	-0.1689	0.0521	-0.1188
595	SLV 6	1.7	6.07	77.9	-0.1385	0.0519	-0.1033
595	SLV 7	2.16	-6.56	74.8	-0.0713	0.0462	0.0256
595	SLV 8	2.17	-7.58	74.83	-0.0408	0.046	0.0412
595	SLV 9	-4.67	7.9	59.45	-0.1093	0.0052	-0.108
595	SLV 10	-4.66	6.89	59.48	-0.0788	0.005	-0.0925
595	SLV 11	-4.2	-5.74	56.38	-0.0116	-0.0007	0.0364
595	SLV 12	-4.19	-6.76	56.41	0.0188	-0.0009	0.052
595	SLV 13	-11.92	4.36	36.88	-0.0139	-0.0515	-0.0491
595	SLV 14	-11.91	2.79	36.93	0.0332	-0.0518	-0.0251
595	SLV 15	-11.78	0.27	35.96	0.0154	-0.0533	-0.0057
595	SLV 16	-11.77	-1.3	36.01	0.0625	-0.0536	0.0183
595	CRTFP Ux+	0	0	0	0	0	0
595	CRTFP Ux-	0	0	0	0	0	0
595	CRTFP Uy+	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
595	CRTP Uy-	0	0	0	0	0	0
596	SLU 1	-1.18	-0.04	61.96	-0.0798	0.0251	-0.0304
596	SLU 2	-1.18	0.08	62	-0.076	0.025	-0.0323
596	SLU 3	-1.21	-0.04	63.44	-0.0803	0.0257	-0.0311
596	SLU 4	-1.21	0.04	63.46	-0.078	0.0256	-0.0322
596	SLU 5	-1.2	0.08	62.9	-0.0768	0.0254	-0.0328
596	SLU 6	-1.23	-0.03	64.33	-0.081	0.0261	-0.0316
596	SLU 7	-1.23	0.04	64.35	-0.0788	0.0261	-0.0328
596	SLU 8	-1.22	-0.03	63.75	-0.0814	0.0259	-0.0315
596	SLU 9	-1.22	0.04	63.77	-0.0791	0.0259	-0.0326
596	SLU 10	-1.23	0.15	69.57	-0.076	0.0266	-0.0363
596	SLU 11	-1.26	0.03	71	-0.0802	0.0272	-0.0352
596	SLU 12	-1.26	0.1	71.02	-0.078	0.0272	-0.0363
596	SLU 13	-1.25	0.15	70.46	-0.0768	0.027	-0.0369
596	SLU 14	-1.28	0.03	71.89	-0.081	0.0277	-0.0357
596	SLU 15	-1.28	0.11	71.92	-0.0788	0.0276	-0.0368
596	SLU 16	-1.27	0.03	71.31	-0.0814	0.0275	-0.0355
596	SLU 17	-1.27	0.1	71.34	-0.0791	0.0274	-0.0367
596	SLU 18	-1.25	0.06	72.77	-0.0798	0.0273	-0.0362
596	SLU 19	-1.25	0.13	72.79	-0.0776	0.0273	-0.0373
596	SLU 20	-1.27	0.06	73.66	-0.0806	0.0277	-0.0367
596	SLU 21	-1.27	0.13	73.69	-0.0783	0.0277	-0.0379
596	SLU 22	-1.27	0.03	69.43	-0.0741	0.0272	-0.0337
596	SLU 23	-1.27	0.15	69.47	-0.0703	0.0271	-0.0356
596	SLU 24	-1.3	0.03	70.9	-0.0745	0.0278	-0.0344
596	SLU 25	-1.3	0.11	70.92	-0.0722	0.0278	-0.0355
596	SLU 26	-1.29	0.15	70.36	-0.0711	0.0276	-0.0361
596	SLU 27	-1.32	0.04	71.79	-0.0753	0.0283	-0.0349
596	SLU 28	-1.32	0.11	71.82	-0.073	0.0282	-0.0361
596	SLU 29	-1.32	0.04	71.21	-0.0757	0.0281	-0.0348
596	SLU 30	-1.31	0.11	71.24	-0.0734	0.028	-0.0359
596	SLU 31	-1.32	0.22	77.03	-0.0703	0.0287	-0.0396
596	SLU 32	-1.35	0.1	78.46	-0.0745	0.0294	-0.0384
596	SLU 33	-1.35	0.17	78.49	-0.0722	0.0293	-0.0396
596	SLU 34	-1.34	0.22	77.92	-0.0711	0.0291	-0.0402
596	SLU 35	-1.38	0.1	79.35	-0.0753	0.0298	-0.039
596	SLU 36	-1.37	0.18	79.38	-0.073	0.0298	-0.0401
596	SLU 37	-1.37	0.1	78.77	-0.0757	0.0296	-0.0388
596	SLU 38	-1.36	0.17	78.8	-0.0734	0.0296	-0.0399
596	SLU 39	-1.35	0.13	80.23	-0.0741	0.0294	-0.0395
596	SLU 40	-1.34	0.2	80.25	-0.0718	0.0294	-0.0406
596	SLU 41	-1.37	0.13	81.12	-0.0749	0.0299	-0.04
596	SLU 42	-1.36	0.2	81.15	-0.0726	0.0298	-0.0411
596	SLU 43	-1.5	-0.08	77.99	-0.1057	0.0318	-0.0384
596	SLU 44	-1.5	0.04	78.03	-0.102	0.0318	-0.0403
596	SLU 45	-1.53	-0.07	79.47	-0.1062	0.0325	-0.0391
596	SLU 46	-1.53	0	79.49	-0.1039	0.0324	-0.0402
596	SLU 47	-1.52	0.05	78.93	-0.1028	0.0322	-0.0408
596	SLU 48	-1.55	-0.07	80.36	-0.107	0.0329	-0.0396
596	SLU 49	-1.55	0	80.38	-0.1047	0.0329	-0.0408
596	SLU 50	-1.55	-0.07	79.78	-0.1073	0.0327	-0.0395
596	SLU 51	-1.54	0	79.8	-0.1051	0.0327	-0.0406
596	SLU 52	-1.55	0.11	85.6	-0.102	0.0333	-0.0443
596	SLU 53	-1.58	-0.01	87.03	-0.1062	0.034	-0.0431
596	SLU 54	-1.58	0.07	87.05	-0.1039	0.034	-0.0443
596	SLU 55	-1.57	0.11	86.49	-0.1027	0.0338	-0.0449
596	SLU 56	-1.6	0	87.92	-0.107	0.0345	-0.0437
596	SLU 57	-1.6	0.07	87.95	-0.1047	0.0344	-0.0448
596	SLU 58	-1.6	0	87.34	-0.1073	0.0343	-0.0435
596	SLU 59	-1.59	0.07	87.37	-0.1051	0.0342	-0.0447
596	SLU 60	-1.57	0.02	88.8	-0.1057	0.0341	-0.0442
596	SLU 61	-1.57	0.09	88.82	-0.1035	0.034	-0.0453
596	SLU 62	-1.6	0.02	89.69	-0.1065	0.0345	-0.0447
596	SLU 63	-1.59	0.09	89.72	-0.1043	0.0345	-0.0459
596	SLU 64	-1.6	-0.01	85.46	-0.1	0.034	-0.0417
596	SLU 65	-1.59	0.11	85.5	-0.0962	0.0339	-0.0436
596	SLU 66	-1.63	0	86.93	-0.1004	0.0346	-0.0424
596	SLU 67	-1.62	0.07	86.95	-0.0982	0.0346	-0.0435
596	SLU 68	-1.61	0.12	86.39	-0.097	0.0344	-0.0441
596	SLU 69	-1.65	0	87.82	-0.1012	0.035	-0.0429
596	SLU 70	-1.64	0.07	87.85	-0.0989	0.035	-0.044
596	SLU 71	-1.64	0	87.24	-0.1016	0.0349	-0.0428
596	SLU 72	-1.64	0.07	87.27	-0.0993	0.0348	-0.0439
596	SLU 73	-1.64	0.18	93.06	-0.0962	0.0355	-0.0476
596	SLU 74	-1.68	0.07	94.49	-0.1004	0.0362	-0.0464
596	SLU 75	-1.67	0.14	94.52	-0.0982	0.0361	-0.0476
596	SLU 76	-1.66	0.18	93.95	-0.097	0.0359	-0.0482
596	SLU 77	-1.7	0.07	95.38	-0.1012	0.0366	-0.047
596	SLU 78	-1.69	0.14	95.41	-0.0989	0.0366	-0.0481
596	SLU 79	-1.69	0.07	94.81	-0.1016	0.0364	-0.0468
596	SLU 80	-1.69	0.14	94.83	-0.0993	0.0364	-0.0479
596	SLU 81	-1.67	0.09	96.26	-0.1	0.0362	-0.0475
596	SLU 82	-1.67	0.16	96.29	-0.0977	0.0362	-0.0486
596	SLU 83	-1.69	0.09	97.15	-0.1008	0.0367	-0.048
596	SLU 84	-1.69	0.16	97.18	-0.0985	0.0366	-0.0491
596	SLE RA 1	-1.21	-0.02	64.09	-0.0782	0.0257	-0.0313
596	SLE RA 2	-1.2	0.06	64.12	-0.0757	0.0256	-0.0326
596	SLE RA 3	-1.23	-0.02	65.08	-0.0785	0.0261	-0.0318
596	SLE RA 4	-1.23	0.03	65.09	-0.077	0.0261	-0.0326



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
596	SLE RA 5	-1.22	0.06	64.72	-0.0762	0.0259	-0.033
596	SLE RA 6	-1.24	-0.02	65.67	-0.079	0.0264	-0.0322
596	SLE RA 7	-1.24	0.03	65.69	-0.0775	0.0263	-0.0329
596	SLE RA 8	-1.24	-0.02	65.29	-0.0792	0.0262	-0.0321
596	SLE RA 9	-1.23	0.03	65.3	-0.0777	0.0262	-0.0328
596	SLE RA 10	-1.24	0.1	69.16	-0.0757	0.0267	-0.0353
596	SLE RA 11	-1.26	0.03	70.12	-0.0785	0.0271	-0.0345
596	SLE RA 12	-1.26	0.08	70.14	-0.077	0.0271	-0.0353
596	SLE RA 13	-1.25	0.11	69.76	-0.0762	0.027	-0.0357
596	SLE RA 14	-1.27	0.03	70.71	-0.079	0.0274	-0.0349
596	SLE RA 15	-1.27	0.08	70.73	-0.0775	0.0274	-0.0356
596	SLE RA 16	-1.27	0.03	70.33	-0.0792	0.0273	-0.0348
596	SLE RA 17	-1.27	0.08	70.34	-0.0777	0.0273	-0.0355
596	SLE RA 18	-1.25	0.04	71.3	-0.0782	0.0272	-0.0352
596	SLE RA 19	-1.25	0.09	71.31	-0.0767	0.0271	-0.0359
596	SLE RA 20	-1.27	0.05	71.89	-0.0787	0.0275	-0.0356
596	SLE RA 21	-1.27	0.09	71.91	-0.0772	0.0274	-0.0363
596	SLE FR 1	-1.21	-0.02	64.09	-0.0782	0.0257	-0.0313
596	SLE FR 2	-1.21	0	64.1	-0.0777	0.0257	-0.0316
596	SLE FR 3	-1.21	-0.02	64.33	-0.0784	0.0258	-0.0315
596	SLE FR 4	-1.22	0.01	66.26	-0.0777	0.0261	-0.0327
596	SLE FR 5	-1.23	0	66.49	-0.0784	0.0262	-0.0326
596	SLE FR 6	-1.23	0.01	67.7	-0.0782	0.0264	-0.0333
596	SLE QP 1	-1.21	-0.02	64.09	-0.0782	0.0257	-0.0313
596	SLE QP 2	-1.22	0	66.26	-0.0782	0.0261	-0.0325
596	SLD 1	3.28	0.56	78.43	-0.1383	0.0593	-0.0532
596	SLD 2	3.29	-0.07	78.45	-0.1183	0.0592	-0.0438
596	SLD 3	3.34	-1.16	78.02	-0.1255	0.0589	-0.0364
596	SLD 4	3.35	-1.79	78.04	-0.1055	0.0587	-0.027
596	SLD 5	0.04	2.89	70.53	-0.1192	0.0368	-0.0658
596	SLD 6	0.04	2.47	70.54	-0.1061	0.0367	-0.0596
596	SLD 7	0.24	-2.84	69.16	-0.0765	0.0352	-0.0099
596	SLD 8	0.24	-3.26	69.17	-0.0634	0.0352	-0.0037
596	SLD 9	-2.68	3.25	63.34	-0.093	0.0171	-0.0612
596	SLD 10	-2.68	2.84	63.35	-0.0798	0.017	-0.055
596	SLD 11	-2.49	-2.48	61.97	-0.0503	0.0155	-0.0054
596	SLD 12	-2.48	-2.89	61.99	-0.0372	0.0154	0.0008
596	SLD 13	-5.79	1.78	54.47	-0.0509	-0.0065	-0.038
596	SLD 14	-5.79	1.16	54.49	-0.0309	-0.0066	-0.0286
596	SLD 15	-5.73	0.06	54.06	-0.0381	-0.007	-0.0212
596	SLD 16	-5.73	-0.56	54.08	-0.0181	-0.0071	-0.0118
596	SLV 1	9.32	1.24	94.75	-0.2188	0.1039	-0.0802
596	SLV 2	9.33	-0.21	94.8	-0.1723	0.1036	-0.0583
596	SLV 3	9.45	-2.65	93.79	-0.1889	0.1028	-0.0423
596	SLV 4	9.47	-4.11	93.85	-0.1424	0.1025	-0.0204
596	SLV 5	1.73	6.53	76.24	-0.1738	0.0512	-0.1082
596	SLV 6	1.74	5.59	76.28	-0.1437	0.051	-0.094
596	SLV 7	2.19	-6.45	73.06	-0.0741	0.0475	0.0183
596	SLV 8	2.19	-7.39	73.09	-0.0444	0.0473	0.0325
596	SLV 9	-4.64	7.39	59.42	-0.1124	0.005	-0.0975
596	SLV 10	-4.63	6.45	59.46	-0.0823	0.0048	-0.0833
596	SLV 11	-4.18	-5.59	56.23	-0.0126	0.0012	0.029
596	SLV 12	-4.17	-6.53	56.27	0.0175	0.001	0.0432
596	SLV 13	-11.91	4.11	38.66	-0.014	-0.0502	-0.0446
596	SLV 14	-11.9	2.65	38.72	0.0325	-0.0505	-0.0227
596	SLV 15	-11.77	0.21	37.71	0.0159	-0.0513	-0.0067
596	SLV 16	-11.76	-1.25	37.77	0.0624	-0.0517	0.0153
596	CRTFP Ux+	0	0	0	0	0	0
596	CRTFP Ux-	0	0	0	0	0	0
596	CRTFP Uy+	0	0	0	0	0	0
596	CRTFP Uy-	0	0	0	0	0	0
597	SLU 1	-1.15	-0.19	61.09	-0.0834	0.0261	-0.0291
597	SLU 2	-1.15	-0.08	61.13	-0.0797	0.0261	-0.0307
597	SLU 3	-1.18	-0.19	62.54	-0.0838	0.0268	-0.0297
597	SLU 4	-1.18	-0.12	62.56	-0.0816	0.0267	-0.0307
597	SLU 5	-1.17	-0.08	62.01	-0.0805	0.0265	-0.0313
597	SLU 6	-1.2	-0.19	63.42	-0.0846	0.0272	-0.0302
597	SLU 7	-1.2	-0.12	63.44	-0.0824	0.0272	-0.0312
597	SLU 8	-1.19	-0.19	62.84	-0.0849	0.027	-0.0301
597	SLU 9	-1.19	-0.12	62.87	-0.0828	0.027	-0.0311
597	SLU 10	-1.2	-0.03	68.63	-0.0798	0.028	-0.0345
597	SLU 11	-1.23	-0.14	70.04	-0.0839	0.0286	-0.0334
597	SLU 12	-1.23	-0.07	70.07	-0.0817	0.0286	-0.0345
597	SLU 13	-1.22	-0.03	69.51	-0.0806	0.0284	-0.035
597	SLU 14	-1.25	-0.14	70.92	-0.0847	0.0291	-0.034
597	SLU 15	-1.25	-0.07	70.95	-0.0825	0.0291	-0.035
597	SLU 16	-1.24	-0.14	70.35	-0.0851	0.0289	-0.0338
597	SLU 17	-1.24	-0.07	70.37	-0.0829	0.0289	-0.0348
597	SLU 18	-1.22	-0.12	71.81	-0.0835	0.0288	-0.0344
597	SLU 19	-1.22	-0.05	71.83	-0.0814	0.0288	-0.0354
597	SLU 20	-1.24	-0.12	72.69	-0.0843	0.0293	-0.0349
597	SLU 21	-1.24	-0.05	72.71	-0.0821	0.0292	-0.0359
597	SLU 22	-1.24	-0.13	68.47	-0.0775	0.0286	-0.032
597	SLU 23	-1.24	-0.02	68.52	-0.0738	0.0285	-0.0337
597	SLU 24	-1.27	-0.13	69.92	-0.0779	0.0292	-0.0327
597	SLU 25	-1.27	-0.06	69.95	-0.0757	0.0292	-0.0337
597	SLU 26	-1.26	-0.02	69.39	-0.0746	0.0289	-0.0342
597	SLU 27	-1.29	-0.13	70.8	-0.0787	0.0296	-0.0332
597	SLU 28	-1.29	-0.06	70.83	-0.0765	0.0296	-0.0342



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
597	SLU 29	-1.28	-0.13	70.23	-0.0791	0.0294	-0.0331
597	SLU 30	-1.28	-0.07	70.25	-0.0769	0.0294	-0.0341
597	SLU 31	-1.29	0.03	76.02	-0.074	0.0304	-0.0375
597	SLU 32	-1.32	-0.08	77.43	-0.078	0.0311	-0.0364
597	SLU 33	-1.32	-0.02	77.45	-0.0758	0.031	-0.0374
597	SLU 34	-1.31	0.03	76.9	-0.0748	0.0308	-0.038
597	SLU 35	-1.34	-0.08	78.31	-0.0788	0.0315	-0.0369
597	SLU 36	-1.34	-0.02	78.33	-0.0766	0.0315	-0.038
597	SLU 37	-1.33	-0.08	77.73	-0.0792	0.0313	-0.0368
597	SLU 38	-1.33	-0.02	77.76	-0.077	0.0313	-0.0378
597	SLU 39	-1.31	-0.06	79.19	-0.0776	0.0312	-0.0374
597	SLU 40	-1.31	0	79.22	-0.0755	0.0312	-0.0384
597	SLU 41	-1.33	-0.06	80.07	-0.0784	0.0317	-0.0379
597	SLU 42	-1.33	0	80.1	-0.0763	0.0316	-0.0389
597	SLU 43	-1.46	-0.26	76.88	-0.1104	0.0332	-0.0367
597	SLU 44	-1.46	-0.15	76.92	-0.1068	0.0331	-0.0384
597	SLU 45	-1.49	-0.26	78.33	-0.1108	0.0338	-0.0374
597	SLU 46	-1.49	-0.19	78.36	-0.1086	0.0338	-0.0384
597	SLU 47	-1.48	-0.15	77.8	-0.1075	0.0335	-0.0389
597	SLU 48	-1.51	-0.26	79.21	-0.1116	0.0342	-0.0379
597	SLU 49	-1.51	-0.19	79.24	-0.1094	0.0342	-0.0389
597	SLU 50	-1.51	-0.26	78.64	-0.112	0.034	-0.0378
597	SLU 51	-1.5	-0.2	78.66	-0.1098	0.034	-0.0388
597	SLU 52	-1.51	-0.1	84.43	-0.1069	0.035	-0.0422
597	SLU 53	-1.54	-0.21	85.84	-0.1109	0.0357	-0.0411
597	SLU 54	-1.54	-0.15	85.86	-0.1088	0.0356	-0.0422
597	SLU 55	-1.53	-0.1	85.31	-0.1077	0.0354	-0.0427
597	SLU 56	-1.56	-0.21	86.72	-0.1117	0.0361	-0.0417
597	SLU 57	-1.56	-0.15	86.74	-0.1095	0.0361	-0.0427
597	SLU 58	-1.56	-0.21	86.14	-0.1121	0.0359	-0.0415
597	SLU 59	-1.55	-0.15	86.17	-0.1099	0.0359	-0.0425
597	SLU 60	-1.53	-0.19	87.6	-0.1106	0.0358	-0.0421
597	SLU 61	-1.53	-0.13	87.63	-0.1084	0.0358	-0.0431
597	SLU 62	-1.55	-0.19	88.48	-0.1114	0.0363	-0.0426
597	SLU 63	-1.55	-0.13	88.51	-0.1092	0.0362	-0.0436
597	SLU 64	-1.56	-0.21	84.27	-0.1045	0.0356	-0.0397
597	SLU 65	-1.55	-0.1	84.31	-0.1009	0.0355	-0.0414
597	SLU 66	-1.58	-0.21	85.72	-0.1049	0.0362	-0.0404
597	SLU 67	-1.58	-0.14	85.74	-0.1027	0.0362	-0.0414
597	SLU 68	-1.57	-0.1	85.19	-0.1017	0.036	-0.0419
597	SLU 69	-1.61	-0.21	86.6	-0.1057	0.0366	-0.0409
597	SLU 70	-1.6	-0.14	86.62	-0.1035	0.0366	-0.0419
597	SLU 71	-1.6	-0.21	86.02	-0.1061	0.0364	-0.0408
597	SLU 72	-1.6	-0.14	86.05	-0.1039	0.0364	-0.0418
597	SLU 73	-1.6	-0.05	91.81	-0.101	0.0374	-0.0451
597	SLU 74	-1.63	-0.16	93.22	-0.105	0.0381	-0.0441
597	SLU 75	-1.63	-0.09	93.25	-0.1029	0.0381	-0.0451
597	SLU 76	-1.62	-0.05	92.69	-0.1018	0.0378	-0.0457
597	SLU 77	-1.65	-0.16	94.1	-0.1058	0.0385	-0.0446
597	SLU 78	-1.65	-0.09	94.13	-0.1037	0.0385	-0.0456
597	SLU 79	-1.65	-0.16	93.53	-0.1062	0.0383	-0.0445
597	SLU 80	-1.64	-0.09	93.55	-0.104	0.0383	-0.0455
597	SLU 81	-1.63	-0.14	94.99	-0.1047	0.0383	-0.0451
597	SLU 82	-1.62	-0.07	95.01	-0.1025	0.0382	-0.0461
597	SLU 83	-1.65	-0.14	95.86	-0.1055	0.0387	-0.0456
597	SLU 84	-1.64	-0.07	95.89	-0.1033	0.0387	-0.0466
597	SLE RA 1	-1.18	-0.17	63.2	-0.0817	0.0268	-0.0299
597	SLE RA 2	-1.17	-0.1	63.23	-0.0793	0.0268	-0.031
597	SLE RA 3	-1.2	-0.17	64.16	-0.082	0.0272	-0.0303
597	SLE RA 4	-1.19	-0.13	64.18	-0.0805	0.0272	-0.031
597	SLE RA 5	-1.19	-0.1	63.81	-0.0798	0.0271	-0.0314
597	SLE RA 6	-1.21	-0.17	64.75	-0.0825	0.0275	-0.0307
597	SLE RA 7	-1.21	-0.13	64.77	-0.081	0.0275	-0.0314
597	SLE RA 8	-1.2	-0.17	64.37	-0.0827	0.0274	-0.0306
597	SLE RA 9	-1.2	-0.13	64.39	-0.0813	0.0274	-0.0313
597	SLE RA 10	-1.21	-0.07	68.23	-0.0793	0.0281	-0.0335
597	SLE RA 11	-1.23	-0.14	69.17	-0.082	0.0285	-0.0328
597	SLE RA 12	-1.23	-0.09	69.18	-0.0806	0.0285	-0.0335
597	SLE RA 13	-1.22	-0.07	68.81	-0.0799	0.0283	-0.0339
597	SLE RA 14	-1.24	-0.14	69.75	-0.0826	0.0288	-0.0332
597	SLE RA 15	-1.24	-0.09	69.77	-0.0811	0.0288	-0.0339
597	SLE RA 16	-1.24	-0.14	69.37	-0.0828	0.0287	-0.0331
597	SLE RA 17	-1.24	-0.1	69.39	-0.0814	0.0286	-0.0338
597	SLE RA 18	-1.22	-0.13	70.34	-0.0818	0.0286	-0.0335
597	SLE RA 19	-1.22	-0.08	70.36	-0.0803	0.0286	-0.0341
597	SLE RA 20	-1.24	-0.13	70.93	-0.0823	0.0289	-0.0338
597	SLE RA 21	-1.24	-0.08	70.95	-0.0809	0.0289	-0.0345
597	SLE FR 1	-1.18	-0.17	63.2	-0.0817	0.0268	-0.0299
597	SLE FR 2	-1.18	-0.16	63.2	-0.0812	0.0268	-0.0301
597	SLE FR 3	-1.18	-0.17	63.43	-0.0819	0.0269	-0.03
597	SLE FR 4	-1.19	-0.14	65.35	-0.0812	0.0274	-0.0312
597	SLE FR 5	-1.2	-0.16	65.57	-0.0819	0.0275	-0.0311
597	SLE FR 6	-1.2	-0.15	66.77	-0.0817	0.0277	-0.0317
597	SLE QP 1	-1.18	-0.17	63.2	-0.0817	0.0268	-0.0299
597	SLE QP 2	-1.19	-0.16	65.34	-0.0817	0.0274	-0.031
597	SLD 1	3.32	0.32	76.4	-0.1434	0.06	-0.0495
597	SLD 2	3.33	-0.27	76.43	-0.1237	0.0599	-0.041
597	SLD 3	3.38	-1.33	75.98	-0.1301	0.0598	-0.0354
597	SLD 4	3.38	-1.91	76.01	-0.1104	0.0597	-0.0269



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
597	SLD 5	0.08	2.58	69.28	-0.124	0.0375	-0.0594
597	SLD 6	0.08	2.2	69.3	-0.111	0.0374	-0.0538
597	SLD 7	0.26	-2.9	67.89	-0.0796	0.0368	-0.0124
597	SLD 8	0.27	-3.28	67.91	-0.0666	0.0367	-0.0068
597	SLD 9	-2.65	2.96	62.77	-0.0969	0.0181	-0.0551
597	SLD 10	-2.65	2.58	62.79	-0.0839	0.018	-0.0495
597	SLD 11	-2.46	-2.51	61.38	-0.0525	0.0173	-0.0081
597	SLD 12	-2.46	-2.9	61.4	-0.0395	0.0172	-0.0025
597	SLD 13	-5.77	1.59	54.67	-0.0531	-0.0049	-0.0351
597	SLD 14	-5.76	1.01	54.7	-0.0333	-0.0051	-0.0266
597	SLD 15	-5.71	-0.05	54.26	-0.0397	-0.0052	-0.021
597	SLD 16	-5.7	-0.63	54.29	-0.02	-0.0053	-0.0125
597	SLV 1	9.36	0.89	91.21	-0.2262	0.1038	-0.0737
597	SLV 2	9.38	-0.47	91.28	-0.1802	0.1035	-0.0539
597	SLV 3	9.5	-2.84	90.24	-0.195	0.1033	-0.0418
597	SLV 4	9.51	-4.19	90.31	-0.149	0.1029	-0.022
597	SLV 5	1.77	6.04	74.56	-0.1803	0.0512	-0.0956
597	SLV 6	1.78	5.16	74.61	-0.1506	0.051	-0.0828
597	SLV 7	2.21	-6.37	71.33	-0.0764	0.0494	0.0108
597	SLV 8	2.22	-7.25	71.37	-0.0466	0.0492	0.0236
597	SLV 9	-4.6	6.93	59.31	-0.1168	0.0056	-0.0855
597	SLV 10	-4.59	6.06	59.36	-0.0871	0.0054	-0.0727
597	SLV 11	-4.16	-5.47	56.07	-0.0128	0.0038	0.0209
597	SLV 12	-4.15	-6.35	56.12	0.0169	0.0036	0.0337
597	SLV 13	-11.89	3.88	40.37	-0.0144	-0.0482	-0.04
597	SLV 14	-11.88	2.52	40.44	0.0315	-0.0485	-0.0202
597	SLV 15	-11.76	0.15	39.4	0.0168	-0.0488	-0.008
597	SLV 16	-11.75	-1.2	39.47	0.0627	-0.0491	0.0117
597	CRTFP Ux+	0	0	0	0	0	0
597	CRTFP Ux-	0	0	0	0	0	0
597	CRTFP Uy+	0	0	0	0	0	0
597	CRTFP Uy-	0	0	0	0	0	0
598	SLU 1	-1.12	-0.33	60.16	-0.0873	0.0279	-0.0272
598	SLU 2	-1.12	-0.22	60.21	-0.0838	0.0278	-0.0286
598	SLU 3	-1.15	-0.33	61.59	-0.0877	0.0285	-0.0278
598	SLU 4	-1.14	-0.27	61.62	-0.0856	0.0285	-0.0287
598	SLU 5	-1.14	-0.23	61.07	-0.0846	0.0283	-0.0291
598	SLU 6	-1.17	-0.33	62.46	-0.0885	0.029	-0.0283
598	SLU 7	-1.16	-0.27	62.48	-0.0864	0.0289	-0.0292
598	SLU 8	-1.16	-0.33	61.89	-0.0889	0.0287	-0.0282
598	SLU 9	-1.16	-0.27	61.92	-0.0868	0.0287	-0.029
598	SLU 10	-1.16	-0.19	67.64	-0.0841	0.0302	-0.032
598	SLU 11	-1.19	-0.3	69.02	-0.088	0.0308	-0.0312
598	SLU 12	-1.19	-0.24	69.05	-0.0859	0.0308	-0.032
598	SLU 13	-1.18	-0.2	68.5	-0.0849	0.0306	-0.0325
598	SLU 14	-1.21	-0.3	69.89	-0.0888	0.0313	-0.0316
598	SLU 15	-1.21	-0.24	69.92	-0.0867	0.0313	-0.0325
598	SLU 16	-1.21	-0.3	69.32	-0.0892	0.0311	-0.0315
598	SLU 17	-1.2	-0.24	69.35	-0.0871	0.031	-0.0324
598	SLU 18	-1.19	-0.28	70.78	-0.0877	0.0312	-0.032
598	SLU 19	-1.18	-0.22	70.81	-0.0856	0.0312	-0.0329
598	SLU 20	-1.21	-0.29	71.64	-0.0885	0.0316	-0.0325
598	SLU 21	-1.2	-0.22	71.67	-0.0864	0.0316	-0.0334
598	SLU 22	-1.21	-0.29	67.46	-0.0813	0.0307	-0.0298
598	SLU 23	-1.2	-0.18	67.5	-0.0778	0.0306	-0.0313
598	SLU 24	-1.24	-0.29	68.89	-0.0817	0.0313	-0.0304
598	SLU 25	-1.23	-0.23	68.92	-0.0796	0.0313	-0.0313
598	SLU 26	-1.22	-0.18	68.37	-0.0786	0.0311	-0.0318
598	SLU 27	-1.26	-0.29	69.75	-0.0825	0.0317	-0.0309
598	SLU 28	-1.25	-0.23	69.78	-0.0804	0.0317	-0.0318
598	SLU 29	-1.25	-0.29	69.19	-0.0829	0.0315	-0.0308
598	SLU 30	-1.25	-0.23	69.21	-0.0808	0.0315	-0.0317
598	SLU 31	-1.25	-0.15	74.94	-0.0781	0.033	-0.0346
598	SLU 32	-1.28	-0.26	76.32	-0.082	0.0336	-0.0338
598	SLU 33	-1.28	-0.2	76.35	-0.0799	0.0336	-0.0346
598	SLU 34	-1.27	-0.15	75.8	-0.0789	0.0334	-0.0351
598	SLU 35	-1.3	-0.26	77.18	-0.0828	0.0341	-0.0343
598	SLU 36	-1.3	-0.2	77.21	-0.0807	0.0341	-0.0351
598	SLU 37	-1.29	-0.26	76.62	-0.0832	0.0338	-0.0342
598	SLU 38	-1.29	-0.2	76.64	-0.0811	0.0338	-0.035
598	SLU 39	-1.27	-0.24	78.08	-0.0817	0.034	-0.0346
598	SLU 40	-1.27	-0.18	78.1	-0.0796	0.0339	-0.0355
598	SLU 41	-1.29	-0.24	78.94	-0.0825	0.0344	-0.0351
598	SLU 42	-1.29	-0.18	78.97	-0.0804	0.0344	-0.036
598	SLU 43	-1.42	-0.44	75.71	-0.1155	0.0353	-0.0345
598	SLU 44	-1.42	-0.34	75.75	-0.112	0.0353	-0.0359
598	SLU 45	-1.45	-0.44	77.14	-0.1159	0.0359	-0.0351
598	SLU 46	-1.45	-0.38	77.17	-0.1138	0.0359	-0.0359
598	SLU 47	-1.44	-0.34	76.62	-0.1128	0.0357	-0.0364
598	SLU 48	-1.47	-0.44	78	-0.1167	0.0364	-0.0356
598	SLU 49	-1.47	-0.38	78.03	-0.1146	0.0364	-0.0364
598	SLU 50	-1.46	-0.44	77.44	-0.1171	0.0361	-0.0354
598	SLU 51	-1.46	-0.38	77.46	-0.115	0.0361	-0.0363
598	SLU 52	-1.47	-0.31	83.19	-0.1123	0.0376	-0.0393
598	SLU 53	-1.5	-0.41	84.57	-0.1162	0.0382	-0.0384
598	SLU 54	-1.5	-0.35	84.6	-0.1141	0.0382	-0.0393
598	SLU 55	-1.49	-0.31	84.05	-0.1131	0.038	-0.0398
598	SLU 56	-1.52	-0.41	85.44	-0.117	0.0387	-0.0389
598	SLU 57	-1.52	-0.35	85.46	-0.1149	0.0387	-0.0398



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
598	SLU 58	-1.51	-0.41	84.87	-0.1174	0.0385	-0.0388
598	SLU 59	-1.51	-0.35	84.9	-0.1153	0.0385	-0.0397
598	SLU 60	-1.49	-0.4	86.33	-0.1159	0.0386	-0.0393
598	SLU 61	-1.49	-0.33	86.35	-0.1138	0.0386	-0.0401
598	SLU 62	-1.51	-0.4	87.19	-0.1167	0.039	-0.0398
598	SLU 63	-1.51	-0.34	87.22	-0.1146	0.039	-0.0406
598	SLU 64	-1.51	-0.4	83.01	-0.1095	0.0381	-0.0371
598	SLU 65	-1.51	-0.29	83.05	-0.106	0.038	-0.0385
598	SLU 66	-1.54	-0.4	84.44	-0.1099	0.0387	-0.0377
598	SLU 67	-1.54	-0.34	84.46	-0.1078	0.0387	-0.0385
598	SLU 68	-1.53	-0.3	83.91	-0.1068	0.0385	-0.039
598	SLU 69	-1.56	-0.4	85.3	-0.1107	0.0392	-0.0382
598	SLU 70	-1.56	-0.34	85.33	-0.1086	0.0391	-0.039
598	SLU 71	-1.55	-0.4	84.73	-0.1111	0.0389	-0.0381
598	SLU 72	-1.55	-0.34	84.76	-0.109	0.0389	-0.0389
598	SLU 73	-1.56	-0.26	90.48	-0.1063	0.0404	-0.0419
598	SLU 74	-1.59	-0.37	91.87	-0.1102	0.041	-0.041
598	SLU 75	-1.59	-0.31	91.9	-0.1081	0.041	-0.0419
598	SLU 76	-1.58	-0.27	91.35	-0.1071	0.0408	-0.0424
598	SLU 77	-1.61	-0.37	92.73	-0.111	0.0415	-0.0415
598	SLU 78	-1.61	-0.31	92.76	-0.1089	0.0415	-0.0424
598	SLU 79	-1.6	-0.37	92.17	-0.1114	0.0413	-0.0414
598	SLU 80	-1.6	-0.31	92.19	-0.1093	0.0412	-0.0423
598	SLU 81	-1.58	-0.35	93.62	-0.1099	0.0414	-0.0419
598	SLU 82	-1.58	-0.29	93.65	-0.1078	0.0413	-0.0427
598	SLU 83	-1.6	-0.36	94.49	-0.1107	0.0418	-0.0424
598	SLU 84	-1.6	-0.29	94.51	-0.1086	0.0418	-0.0432
598	SLE RA 1	-1.14	-0.31	62.25	-0.0855	0.0287	-0.028
598	SLE RA 2	-1.14	-0.25	62.28	-0.0832	0.0287	-0.0289
598	SLE RA 3	-1.16	-0.32	63.2	-0.0858	0.0291	-0.0283
598	SLE RA 4	-1.16	-0.27	63.22	-0.0844	0.0291	-0.0289
598	SLE RA 5	-1.16	-0.25	62.85	-0.0838	0.0289	-0.0292
598	SLE RA 6	-1.18	-0.32	63.78	-0.0864	0.0294	-0.0287
598	SLE RA 7	-1.17	-0.28	63.79	-0.085	0.0294	-0.0293
598	SLE RA 8	-1.17	-0.32	63.4	-0.0866	0.0292	-0.0286
598	SLE RA 9	-1.17	-0.28	63.42	-0.0852	0.0292	-0.0292
598	SLE RA 10	-1.17	-0.23	67.23	-0.0834	0.0302	-0.0311
598	SLE RA 11	-1.19	-0.3	68.16	-0.086	0.0306	-0.0306
598	SLE RA 12	-1.19	-0.25	68.17	-0.0846	0.0306	-0.0312
598	SLE RA 13	-1.19	-0.23	67.81	-0.0839	0.0305	-0.0315
598	SLE RA 14	-1.21	-0.3	68.73	-0.0866	0.0309	-0.0309
598	SLE RA 15	-1.21	-0.26	68.75	-0.0852	0.0309	-0.0315
598	SLE RA 16	-1.2	-0.3	68.35	-0.0868	0.0308	-0.0308
598	SLE RA 17	-1.2	-0.26	68.37	-0.0854	0.0308	-0.0314
598	SLE RA 18	-1.19	-0.29	69.33	-0.0858	0.0309	-0.0311
598	SLE RA 19	-1.19	-0.25	69.34	-0.0844	0.0309	-0.0317
598	SLE RA 20	-1.2	-0.29	69.9	-0.0864	0.0312	-0.0315
598	SLE RA 21	-1.2	-0.25	69.92	-0.085	0.0312	-0.0321
598	SLE FR 1	-1.14	-0.31	62.25	-0.0855	0.0287	-0.028
598	SLE FR 2	-1.14	-0.3	62.25	-0.0851	0.0287	-0.0281
598	SLE FR 3	-1.15	-0.32	62.48	-0.0858	0.0288	-0.0281
598	SLE FR 4	-1.16	-0.29	64.38	-0.0852	0.0293	-0.0291
598	SLE FR 5	-1.16	-0.31	64.6	-0.0858	0.0294	-0.029
598	SLE FR 6	-1.17	-0.3	65.79	-0.0857	0.0298	-0.0296
598	SLE QP 1	-1.14	-0.31	62.25	-0.0855	0.0287	-0.028
598	SLE QP 2	-1.16	-0.31	64.37	-0.0856	0.0293	-0.0289
598	SLD 1	3.36	0.09	74.32	-0.1493	0.0614	-0.0448
598	SLD 2	3.37	-0.45	74.36	-0.1298	0.0612	-0.0372
598	SLD 3	3.41	-1.49	73.91	-0.1351	0.0611	-0.0335
598	SLD 4	3.42	-2.03	73.94	-0.1156	0.0609	-0.0259
598	SLD 5	0.11	2.31	67.98	-0.1296	0.0394	-0.0522
598	SLD 6	0.12	1.95	68	-0.1168	0.0393	-0.0471
598	SLD 7	0.3	-2.96	66.6	-0.0825	0.0384	-0.0145
598	SLD 8	0.3	-3.32	66.62	-0.0697	0.0383	-0.0095
598	SLD 9	-2.61	2.71	62.12	-0.1015	0.0204	-0.0483
598	SLD 10	-2.61	2.35	62.14	-0.0887	0.0203	-0.0433
598	SLD 11	-2.43	-2.56	60.74	-0.0545	0.0193	-0.0107
598	SLD 12	-2.43	-2.92	60.76	-0.0416	0.0192	-0.0057
598	SLD 13	-5.73	1.42	54.8	-0.0556	-0.0023	-0.0319
598	SLD 14	-5.73	0.88	54.83	-0.0361	-0.0024	-0.0243
598	SLD 15	-5.68	-0.16	54.39	-0.0415	-0.0026	-0.0206
598	SLD 16	-5.67	-0.7	54.42	-0.022	-0.0027	-0.013
598	SLV 1	9.41	0.56	87.66	-0.2347	0.1043	-0.0656
598	SLV 2	9.42	-0.71	87.74	-0.1892	0.104	-0.0479
598	SLV 3	9.54	-3.02	86.69	-0.2016	0.1036	-0.0401
598	SLV 4	9.55	-4.29	86.77	-0.1562	0.1032	-0.0224
598	SLV 5	1.82	5.6	72.8	-0.1884	0.053	-0.0818
598	SLV 6	1.83	4.79	72.85	-0.159	0.0528	-0.0703
598	SLV 7	2.24	-6.33	69.59	-0.0781	0.0505	0.0034
598	SLV 8	2.25	-7.15	69.65	-0.0487	0.0503	0.0149
598	SLV 9	-4.57	6.54	59.1	-0.1225	0.0083	-0.0727
598	SLV 10	-4.56	5.72	59.15	-0.0931	0.0081	-0.0613
598	SLV 11	-4.14	-5.4	55.89	-0.0123	0.0059	0.0125
598	SLV 12	-4.13	-6.22	55.94	0.0171	0.0056	0.0239
598	SLV 13	-11.87	3.68	41.97	-0.0151	-0.0446	-0.0355
598	SLV 14	-11.85	2.41	42.05	0.0303	-0.045	-0.0178
598	SLV 15	-11.74	0.09	41.01	0.018	-0.0453	-0.0099
598	SLV 16	-11.72	-1.17	41.09	0.0634	-0.0457	0.0078
598	CRTFP Ux+	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
598	CRTFP Ux-	0	0	0	0	0	0
598	CRTFP Uy+	0	0	0	0	0	0
598	CRTFP Uy-	0	0	0	0	0	0
599	SLU 1	-1.08	-0.46	59.17	-0.0915	0.0301	-0.0249
599	SLU 2	-1.08	-0.36	59.21	-0.0882	0.0301	-0.026
599	SLU 3	-1.11	-0.46	60.58	-0.092	0.0308	-0.0254
599	SLU 4	-1.11	-0.4	60.6	-0.09	0.0308	-0.0261
599	SLU 5	-1.1	-0.36	60.06	-0.089	0.0306	-0.0265
599	SLU 6	-1.13	-0.46	61.42	-0.0928	0.0313	-0.0258
599	SLU 7	-1.13	-0.41	61.45	-0.0908	0.0313	-0.0265
599	SLU 8	-1.12	-0.46	60.87	-0.0932	0.031	-0.0258
599	SLU 9	-1.12	-0.41	60.89	-0.0912	0.031	-0.0265
599	SLU 10	-1.12	-0.34	66.56	-0.0886	0.033	-0.0289
599	SLU 11	-1.15	-0.45	67.92	-0.0924	0.0336	-0.0283
599	SLU 12	-1.15	-0.39	67.95	-0.0904	0.0336	-0.029
599	SLU 13	-1.14	-0.35	67.41	-0.0895	0.0334	-0.0294
599	SLU 14	-1.17	-0.45	68.77	-0.0933	0.0341	-0.0287
599	SLU 15	-1.17	-0.39	68.8	-0.0913	0.0341	-0.0294
599	SLU 16	-1.17	-0.45	68.21	-0.0936	0.0339	-0.0287
599	SLU 17	-1.16	-0.39	68.24	-0.0916	0.0339	-0.0294
599	SLU 18	-1.15	-0.43	69.66	-0.0922	0.0342	-0.029
599	SLU 19	-1.14	-0.38	69.69	-0.0902	0.0342	-0.0297
599	SLU 20	-1.17	-0.44	70.51	-0.093	0.0346	-0.0295
599	SLU 21	-1.16	-0.38	70.54	-0.091	0.0346	-0.0302
599	SLU 22	-1.17	-0.43	66.36	-0.0854	0.0334	-0.0271
599	SLU 23	-1.17	-0.33	66.41	-0.0821	0.0334	-0.0282
599	SLU 24	-1.2	-0.43	67.77	-0.0859	0.0341	-0.0276
599	SLU 25	-1.19	-0.37	67.8	-0.0839	0.0341	-0.0283
599	SLU 26	-1.19	-0.33	67.26	-0.0829	0.0338	-0.0287
599	SLU 27	-1.22	-0.43	68.62	-0.0867	0.0345	-0.0281
599	SLU 28	-1.21	-0.38	68.64	-0.0847	0.0345	-0.0288
599	SLU 29	-1.21	-0.43	68.06	-0.0871	0.0343	-0.028
599	SLU 30	-1.21	-0.38	68.09	-0.0851	0.0343	-0.0287
599	SLU 31	-1.21	-0.32	73.75	-0.0826	0.0362	-0.0312
599	SLU 32	-1.24	-0.42	75.11	-0.0864	0.0369	-0.0305
599	SLU 33	-1.24	-0.36	75.14	-0.0843	0.0369	-0.0312
599	SLU 34	-1.23	-0.32	74.6	-0.0834	0.0367	-0.0316
599	SLU 35	-1.26	-0.42	75.96	-0.0872	0.0374	-0.031
599	SLU 36	-1.26	-0.36	75.99	-0.0852	0.0374	-0.0317
599	SLU 37	-1.25	-0.42	75.4	-0.0876	0.0371	-0.0309
599	SLU 38	-1.25	-0.36	75.43	-0.0855	0.0371	-0.0316
599	SLU 39	-1.23	-0.41	76.85	-0.0861	0.0374	-0.0312
599	SLU 40	-1.23	-0.35	76.88	-0.0841	0.0374	-0.0319
599	SLU 41	-1.25	-0.41	77.7	-0.0869	0.0379	-0.0317
599	SLU 42	-1.25	-0.35	77.73	-0.0849	0.0379	-0.0324
599	SLU 43	-1.38	-0.6	74.45	-0.121	0.038	-0.0316
599	SLU 44	-1.37	-0.51	74.5	-0.1177	0.038	-0.0327
599	SLU 45	-1.4	-0.61	75.86	-0.1215	0.0387	-0.0321
599	SLU 46	-1.4	-0.55	75.89	-0.1195	0.0387	-0.0328
599	SLU 47	-1.39	-0.51	75.35	-0.1185	0.0385	-0.0332
599	SLU 48	-1.42	-0.61	76.71	-0.1223	0.0392	-0.0325
599	SLU 49	-1.42	-0.55	76.74	-0.1203	0.0392	-0.0332
599	SLU 50	-1.42	-0.61	76.15	-0.1227	0.0389	-0.0325
599	SLU 51	-1.41	-0.55	76.18	-0.1207	0.039	-0.0332
599	SLU 52	-1.42	-0.49	81.84	-0.1182	0.0409	-0.0356
599	SLU 53	-1.45	-0.59	83.21	-0.122	0.0416	-0.035
599	SLU 54	-1.45	-0.53	83.23	-0.12	0.0416	-0.0357
599	SLU 55	-1.44	-0.5	82.69	-0.119	0.0413	-0.0361
599	SLU 56	-1.47	-0.6	84.05	-0.1228	0.042	-0.0354
599	SLU 57	-1.47	-0.54	84.08	-0.1208	0.042	-0.0361
599	SLU 58	-1.46	-0.6	83.5	-0.1232	0.0418	-0.0354
599	SLU 59	-1.46	-0.54	83.52	-0.1212	0.0418	-0.0361
599	SLU 60	-1.44	-0.58	84.95	-0.1217	0.0421	-0.0357
599	SLU 61	-1.44	-0.52	84.97	-0.1197	0.0421	-0.0364
599	SLU 62	-1.46	-0.59	85.79	-0.1225	0.0425	-0.0362
599	SLU 63	-1.46	-0.53	85.82	-0.1205	0.0425	-0.0369
599	SLU 64	-1.46	-0.57	81.65	-0.115	0.0413	-0.0338
599	SLU 65	-1.46	-0.48	81.69	-0.1116	0.0413	-0.0349
599	SLU 66	-1.49	-0.58	83.05	-0.1154	0.042	-0.0343
599	SLU 67	-1.49	-0.52	83.08	-0.1134	0.042	-0.035
599	SLU 68	-1.48	-0.48	82.54	-0.1124	0.0418	-0.0354
599	SLU 69	-1.51	-0.58	83.9	-0.1162	0.0424	-0.0348
599	SLU 70	-1.51	-0.52	83.93	-0.1142	0.0424	-0.0355
599	SLU 71	-1.5	-0.58	83.34	-0.1166	0.0422	-0.0347
599	SLU 72	-1.5	-0.52	83.37	-0.1146	0.0422	-0.0354
599	SLU 73	-1.51	-0.46	89.04	-0.1121	0.0441	-0.0378
599	SLU 74	-1.54	-0.56	90.4	-0.1159	0.0448	-0.0372
599	SLU 75	-1.53	-0.5	90.43	-0.1139	0.0448	-0.0379
599	SLU 76	-1.53	-0.47	89.88	-0.1129	0.0446	-0.0383
599	SLU 77	-1.56	-0.57	91.25	-0.1167	0.0453	-0.0377
599	SLU 78	-1.55	-0.51	91.27	-0.1147	0.0453	-0.0384
599	SLU 79	-1.55	-0.57	90.69	-0.1171	0.045	-0.0376
599	SLU 80	-1.55	-0.51	90.71	-0.1151	0.045	-0.0383
599	SLU 81	-1.53	-0.55	92.14	-0.1156	0.0453	-0.0379
599	SLU 82	-1.53	-0.49	92.17	-0.1136	0.0453	-0.0386
599	SLU 83	-1.55	-0.56	92.99	-0.1165	0.0458	-0.0384
599	SLU 84	-1.55	-0.5	93.01	-0.1145	0.0458	-0.0391
599	SLE RA 1	-1.11	-0.45	61.22	-0.0898	0.031	-0.0255
599	SLE RA 2	-1.11	-0.38	61.25	-0.0875	0.0311	-0.0263



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
599	SLE RA 3	-1.12	-0.45	62.16	-0.0901	0.0315	-0.0258
599	SLE RA 4	-1.12	-0.41	62.18	-0.0887	0.0315	-0.0263
599	SLE RA 5	-1.12	-0.39	61.82	-0.0881	0.0314	-0.0266
599	SLE RA 6	-1.14	-0.45	62.73	-0.0906	0.0318	-0.0261
599	SLE RA 7	-1.14	-0.41	62.75	-0.0893	0.0318	-0.0266
599	SLE RA 8	-1.13	-0.45	62.36	-0.0909	0.0317	-0.0261
599	SLE RA 9	-1.13	-0.41	62.37	-0.0895	0.0317	-0.0266
599	SLE RA 10	-1.14	-0.37	66.15	-0.0879	0.0329	-0.0282
599	SLE RA 11	-1.15	-0.44	67.06	-0.0904	0.0334	-0.0278
599	SLE RA 12	-1.15	-0.4	67.08	-0.089	0.0334	-0.0282
599	SLE RA 13	-1.15	-0.38	66.72	-0.0884	0.0332	-0.0285
599	SLE RA 14	-1.17	-0.44	67.62	-0.0909	0.0337	-0.0281
599	SLE RA 15	-1.17	-0.4	67.64	-0.0896	0.0337	-0.0285
599	SLE RA 16	-1.16	-0.44	67.25	-0.0912	0.0335	-0.028
599	SLE RA 17	-1.16	-0.4	67.27	-0.0898	0.0335	-0.0285
599	SLE RA 18	-1.15	-0.43	68.22	-0.0902	0.0337	-0.0283
599	SLE RA 19	-1.15	-0.39	68.24	-0.0889	0.0337	-0.0287
599	SLE RA 20	-1.16	-0.44	68.78	-0.0908	0.034	-0.0286
599	SLE RA 21	-1.16	-0.4	68.8	-0.0894	0.0341	-0.029
599	SLE FR 1	-1.11	-0.45	61.22	-0.0898	0.031	-0.0255
599	SLE FR 2	-1.11	-0.43	61.23	-0.0893	0.031	-0.0257
599	SLE FR 3	-1.11	-0.45	61.45	-0.09	0.0312	-0.0256
599	SLE FR 4	-1.12	-0.43	63.33	-0.0895	0.0319	-0.0265
599	SLE FR 5	-1.12	-0.44	63.55	-0.0901	0.032	-0.0264
599	SLE FR 6	-1.13	-0.44	64.72	-0.09	0.0324	-0.0269
599	SLE QP 1	-1.11	-0.45	61.22	-0.0898	0.031	-0.0255
599	SLE QP 2	-1.12	-0.44	63.32	-0.0899	0.0319	-0.0263
599	SLD 1	3.4	-0.11	72.19	-0.1558	0.0628	-0.0392
599	SLD 2	3.41	-0.62	72.23	-0.1365	0.0627	-0.0324
599	SLD 3	3.45	-1.64	71.8	-0.1406	0.0622	-0.0307
599	SLD 4	3.46	-2.15	71.84	-0.1213	0.062	-0.024
599	SLD 5	0.15	2.07	66.58	-0.1362	0.0422	-0.0443
599	SLD 6	0.16	1.74	66.61	-0.1235	0.0421	-0.0398
599	SLD 7	0.33	-3.04	65.25	-0.0855	0.04	-0.016
599	SLD 8	0.34	-3.37	65.28	-0.0728	0.0398	-0.0115
599	SLD 9	-2.58	2.49	61.37	-0.107	0.0239	-0.0411
599	SLD 10	-2.57	2.15	61.39	-0.0943	0.0237	-0.0367
599	SLD 11	-2.4	-2.62	60.04	-0.0563	0.0216	-0.0128
599	SLD 12	-2.39	-2.96	60.07	-0.0436	0.0215	-0.0084
599	SLD 13	-5.7	1.27	54.81	-0.0585	0.0017	-0.0287
599	SLD 14	-5.69	0.76	54.85	-0.0392	0.0015	-0.0219
599	SLD 15	-5.65	-0.27	54.41	-0.0433	0.001	-0.0202
599	SLD 16	-5.64	-0.77	54.45	-0.024	0.0009	-0.0134
599	SLV 1	9.46	0.27	84.08	-0.2443	0.1044	-0.0562
599	SLV 2	9.47	-0.91	84.17	-0.1993	0.104	-0.0404
599	SLV 3	9.58	-3.2	83.16	-0.2087	0.1028	-0.037
599	SLV 4	9.59	-4.38	83.25	-0.1637	0.1024	-0.0212
599	SLV 5	1.86	5.24	70.94	-0.1979	0.056	-0.0672
599	SLV 6	1.87	4.48	71	-0.1689	0.0558	-0.057
599	SLV 7	2.27	-6.33	67.85	-0.0794	0.0509	-0.0031
599	SLV 8	2.28	-7.1	67.91	-0.0503	0.0506	0.0071
599	SLV 9	-4.52	6.21	58.74	-0.1295	0.0131	-0.0598
599	SLV 10	-4.51	5.45	58.79	-0.1004	0.0128	-0.0495
599	SLV 11	-4.11	-5.36	55.65	-0.011	0.0079	0.0043
599	SLV 12	-4.1	-6.13	55.71	0.0181	0.0077	0.0145
599	SLV 13	-11.83	3.5	43.4	-0.0161	-0.0387	-0.0315
599	SLV 14	-11.82	2.32	43.49	0.0289	-0.0391	-0.0157
599	SLV 15	-11.71	0.03	42.47	0.0195	-0.0403	-0.0123
599	SLV 16	-11.7	-1.16	42.56	0.0644	-0.0407	0.0035
599	CRTFP Ux+	0	0	0	0	0	0
599	CRTFP Ux-	0	0	0	0	0	0
599	CRTFP Uy+	0	0	0	0	0	0
599	CRTFP Uy-	0	0	0	0	0	0
600	SLU 1	-1.04	-0.57	58.1	-0.0961	0.0323	-0.022
600	SLU 2	-1.04	-0.48	58.14	-0.0929	0.0324	-0.0229
600	SLU 3	-1.07	-0.58	59.48	-0.0966	0.0331	-0.0225
600	SLU 4	-1.07	-0.52	59.51	-0.0946	0.0331	-0.023
600	SLU 5	-1.06	-0.49	58.97	-0.0937	0.0329	-0.0233
600	SLU 6	-1.09	-0.58	60.31	-0.0974	0.0335	-0.0229
600	SLU 7	-1.09	-0.53	60.34	-0.0955	0.0336	-0.0234
600	SLU 8	-1.08	-0.58	59.76	-0.0978	0.0333	-0.0228
600	SLU 9	-1.08	-0.53	59.79	-0.0958	0.0333	-0.0234
600	SLU 10	-1.08	-0.48	65.38	-0.0936	0.0358	-0.0253
600	SLU 11	-1.11	-0.58	66.72	-0.0972	0.0365	-0.0249
600	SLU 12	-1.11	-0.52	66.75	-0.0953	0.0365	-0.0254
600	SLU 13	-1.1	-0.48	66.21	-0.0944	0.0362	-0.0257
600	SLU 14	-1.13	-0.58	67.55	-0.0981	0.0369	-0.0253
600	SLU 15	-1.13	-0.53	67.58	-0.0962	0.037	-0.0258
600	SLU 16	-1.12	-0.58	67	-0.0985	0.0367	-0.0252
600	SLU 17	-1.12	-0.53	67.03	-0.0965	0.0367	-0.0257
600	SLU 18	-1.1	-0.57	68.44	-0.0971	0.0372	-0.0254
600	SLU 19	-1.1	-0.51	68.46	-0.0951	0.0372	-0.026
600	SLU 20	-1.12	-0.58	69.27	-0.0979	0.0376	-0.0258
600	SLU 21	-1.12	-0.52	69.3	-0.096	0.0377	-0.0264
600	SLU 22	-1.13	-0.55	65.17	-0.0899	0.0361	-0.0238
600	SLU 23	-1.12	-0.46	65.21	-0.0867	0.0361	-0.0247
600	SLU 24	-1.15	-0.56	66.55	-0.0904	0.0368	-0.0242
600	SLU 25	-1.15	-0.5	66.58	-0.0885	0.0369	-0.0248
600	SLU 26	-1.14	-0.47	66.05	-0.0876	0.0366	-0.0251



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
600	SLU 27	-1.17	-0.57	67.39	-0.0913	0.0373	-0.0247
600	SLU 28	-1.17	-0.51	67.41	-0.0893	0.0373	-0.0252
600	SLU 29	-1.16	-0.56	66.83	-0.0916	0.037	-0.0246
600	SLU 30	-1.16	-0.51	66.86	-0.0897	0.0371	-0.0251
600	SLU 31	-1.17	-0.46	72.45	-0.0874	0.0395	-0.0271
600	SLU 32	-1.19	-0.56	73.79	-0.0911	0.0402	-0.0266
600	SLU 33	-1.19	-0.5	73.82	-0.0892	0.0402	-0.0272
600	SLU 34	-1.19	-0.47	73.28	-0.0883	0.04	-0.0275
600	SLU 35	-1.21	-0.56	74.62	-0.092	0.0407	-0.027
600	SLU 36	-1.21	-0.51	74.65	-0.09	0.0407	-0.0276
600	SLU 37	-1.21	-0.56	74.07	-0.0923	0.0404	-0.027
600	SLU 38	-1.21	-0.51	74.1	-0.0904	0.0405	-0.0275
600	SLU 39	-1.19	-0.55	75.51	-0.0909	0.0409	-0.0272
600	SLU 40	-1.19	-0.5	75.54	-0.089	0.041	-0.0277
600	SLU 41	-1.21	-0.56	76.34	-0.0918	0.0414	-0.0276
600	SLU 42	-1.2	-0.5	76.37	-0.0899	0.0414	-0.0281
600	SLU 43	-1.33	-0.75	73.1	-0.127	0.0407	-0.028
600	SLU 44	-1.32	-0.66	73.15	-0.1238	0.0408	-0.0289
600	SLU 45	-1.35	-0.76	74.49	-0.1275	0.0415	-0.0285
600	SLU 46	-1.35	-0.7	74.51	-0.1256	0.0415	-0.029
600	SLU 47	-1.34	-0.66	73.98	-0.1246	0.0413	-0.0293
600	SLU 48	-1.37	-0.76	75.32	-0.1283	0.042	-0.0289
600	SLU 49	-1.37	-0.71	75.34	-0.1264	0.042	-0.0294
600	SLU 50	-1.36	-0.76	74.77	-0.1287	0.0417	-0.0288
600	SLU 51	-1.36	-0.71	74.79	-0.1268	0.0417	-0.0293
600	SLU 52	-1.37	-0.66	80.38	-0.1245	0.0442	-0.0313
600	SLU 53	-1.39	-0.75	81.72	-0.1282	0.0449	-0.0308
600	SLU 54	-1.39	-0.7	81.75	-0.1262	0.0449	-0.0314
600	SLU 55	-1.39	-0.66	81.22	-0.1253	0.0447	-0.0317
600	SLU 56	-1.41	-0.76	82.56	-0.129	0.0453	-0.0313
600	SLU 57	-1.41	-0.71	82.58	-0.1271	0.0454	-0.0318
600	SLU 58	-1.41	-0.76	82.01	-0.1294	0.0451	-0.0312
600	SLU 59	-1.41	-0.71	82.03	-0.1275	0.0451	-0.0317
600	SLU 60	-1.39	-0.75	83.44	-0.128	0.0456	-0.0314
600	SLU 61	-1.39	-0.69	83.47	-0.1261	0.0456	-0.0319
600	SLU 62	-1.41	-0.75	84.28	-0.1288	0.0461	-0.0318
600	SLU 63	-1.4	-0.7	84.3	-0.1269	0.0461	-0.0324
600	SLU 64	-1.41	-0.73	80.18	-0.1209	0.0445	-0.0298
600	SLU 65	-1.41	-0.64	80.22	-0.1177	0.0446	-0.0307
600	SLU 66	-1.44	-0.74	81.56	-0.1213	0.0452	-0.0302
600	SLU 67	-1.43	-0.68	81.58	-0.1194	0.0453	-0.0308
600	SLU 68	-1.43	-0.65	81.05	-0.1185	0.045	-0.0311
600	SLU 69	-1.45	-0.74	82.39	-0.1222	0.0457	-0.0306
600	SLU 70	-1.45	-0.69	82.42	-0.1203	0.0457	-0.0312
600	SLU 71	-1.45	-0.74	81.84	-0.1226	0.0455	-0.0306
600	SLU 72	-1.45	-0.69	81.87	-0.1206	0.0455	-0.0311
600	SLU 73	-1.45	-0.64	87.46	-0.1184	0.0479	-0.0331
600	SLU 74	-1.48	-0.74	88.8	-0.122	0.0486	-0.0326
600	SLU 75	-1.48	-0.68	88.82	-0.1201	0.0487	-0.0332
600	SLU 76	-1.47	-0.64	88.29	-0.1192	0.0484	-0.0335
600	SLU 77	-1.5	-0.74	89.63	-0.1229	0.0491	-0.033
600	SLU 78	-1.5	-0.69	89.65	-0.121	0.0491	-0.0336
600	SLU 79	-1.49	-0.74	89.08	-0.1233	0.0488	-0.033
600	SLU 80	-1.49	-0.69	89.1	-0.1213	0.0489	-0.0335
600	SLU 81	-1.47	-0.73	90.52	-0.1219	0.0493	-0.0332
600	SLU 82	-1.47	-0.67	90.54	-0.1199	0.0494	-0.0337
600	SLU 83	-1.49	-0.73	91.35	-0.1227	0.0498	-0.0336
600	SLU 84	-1.49	-0.68	91.37	-0.1208	0.0498	-0.0341
600	SLE RA 1	-1.07	-0.57	60.12	-0.0943	0.0334	-0.0225
600	SLE RA 2	-1.06	-0.5	60.15	-0.0922	0.0334	-0.0231
600	SLE RA 3	-1.08	-0.57	61.04	-0.0946	0.0339	-0.0228
600	SLE RA 4	-1.08	-0.53	61.06	-0.0934	0.0339	-0.0232
600	SLE RA 5	-1.08	-0.51	60.7	-0.0927	0.0338	-0.0234
600	SLE RA 6	-1.1	-0.57	61.6	-0.0952	0.0342	-0.0231
600	SLE RA 7	-1.1	-0.54	61.61	-0.0939	0.0342	-0.0234
600	SLE RA 8	-1.09	-0.57	61.23	-0.0955	0.034	-0.0231
600	SLE RA 9	-1.09	-0.54	61.25	-0.0942	0.0341	-0.0234
600	SLE RA 10	-1.09	-0.5	64.97	-0.0926	0.0357	-0.0247
600	SLE RA 11	-1.11	-0.57	65.87	-0.0951	0.0362	-0.0244
600	SLE RA 12	-1.11	-0.53	65.88	-0.0938	0.0362	-0.0248
600	SLE RA 13	-1.11	-0.51	65.53	-0.0932	0.036	-0.025
600	SLE RA 14	-1.12	-0.57	66.42	-0.0957	0.0365	-0.0247
600	SLE RA 15	-1.12	-0.54	66.44	-0.0944	0.0365	-0.025
600	SLE RA 16	-1.12	-0.57	66.05	-0.0959	0.0363	-0.0247
600	SLE RA 17	-1.12	-0.54	66.07	-0.0946	0.0363	-0.025
600	SLE RA 18	-1.11	-0.56	67.01	-0.095	0.0366	-0.0248
600	SLE RA 19	-1.11	-0.53	67.03	-0.0937	0.0367	-0.0252
600	SLE RA 20	-1.12	-0.57	67.57	-0.0955	0.0369	-0.0251
600	SLE RA 21	-1.12	-0.53	67.58	-0.0943	0.037	-0.0254
600	SLE FR 1	-1.07	-0.57	60.12	-0.0943	0.0334	-0.0225
600	SLE FR 2	-1.07	-0.55	60.13	-0.0939	0.0334	-0.0226
600	SLE FR 3	-1.07	-0.57	60.34	-0.0945	0.0335	-0.0226
600	SLE FR 4	-1.08	-0.55	62.19	-0.0941	0.0344	-0.0233
600	SLE FR 5	-1.08	-0.57	62.41	-0.0947	0.0345	-0.0233
600	SLE FR 6	-1.09	-0.57	63.57	-0.0947	0.035	-0.0237
600	SLE QP 1	-1.07	-0.57	60.12	-0.0943	0.0334	-0.0225
600	SLE QP 2	-1.08	-0.57	62.19	-0.0945	0.0344	-0.0232
600	SLD 1	3.44	-0.29	70.03	-0.163	0.0632	-0.0328
600	SLD 2	3.45	-0.76	70.08	-0.1439	0.063	-0.0267



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
600	SLD 3	3.5	-1.78	69.66	-0.1464	0.0621	-0.027
600	SLD 4	3.5	-2.26	69.71	-0.1273	0.0619	-0.0209
600	SLD 5	0.2	1.88	65.09	-0.1436	0.0448	-0.036
600	SLD 6	0.2	1.56	65.12	-0.131	0.0447	-0.032
600	SLD 7	0.37	-3.12	63.86	-0.0884	0.041	-0.0166
600	SLD 8	0.38	-3.43	63.89	-0.0758	0.0408	-0.0126
600	SLD 9	-2.53	2.3	60.48	-0.1132	0.0279	-0.0338
600	SLD 10	-2.53	1.99	60.51	-0.1006	0.0278	-0.0298
600	SLD 11	-2.36	-2.69	59.25	-0.058	0.0241	-0.0144
600	SLD 12	-2.36	-3.01	59.28	-0.0455	0.0239	-0.0104
600	SLD 13	-5.66	1.13	54.67	-0.0617	0.0069	-0.0255
600	SLD 14	-5.65	0.65	54.71	-0.0426	0.0067	-0.0194
600	SLD 15	-5.61	-0.37	54.3	-0.0452	0.0057	-0.0197
600	SLD 16	-5.6	-0.85	54.34	-0.0261	0.0055	-0.0136
600	SLV 1	9.5	0.03	80.54	-0.2548	0.1019	-0.0456
600	SLV 2	9.52	-1.08	80.65	-0.2103	0.1014	-0.0313
600	SLV 3	9.62	-3.36	79.69	-0.2162	0.0992	-0.0323
600	SLV 4	9.64	-4.47	79.79	-0.1717	0.0988	-0.0181
600	SLV 5	1.91	4.95	68.98	-0.2089	0.0587	-0.0524
600	SLV 6	1.92	4.24	69.05	-0.1801	0.0584	-0.0432
600	SLV 7	2.31	-6.36	66.12	-0.0802	0.0499	-0.0084
600	SLV 8	2.32	-7.08	66.18	-0.0514	0.0496	0.0008
600	SLV 9	-4.48	5.95	58.19	-0.1376	0.0192	-0.0472
600	SLV 10	-4.47	5.23	58.26	-0.1088	0.0189	-0.0381
600	SLV 11	-4.08	-5.37	55.33	-0.0089	0.0103	-0.0032
600	SLV 12	-4.07	-6.09	55.4	0.0199	0.01	0.006
600	SLV 13	-11.79	3.34	44.58	-0.0173	-0.03	-0.0283
600	SLV 14	-11.78	2.23	44.69	0.0272	-0.0305	-0.0141
600	SLV 15	-11.67	-0.05	43.72	0.0213	-0.0327	-0.0151
600	SLV 16	-11.66	-1.16	43.83	0.0658	-0.0331	-0.0009
600	CRTFP Ux+	0	0	0	0	0	0
600	CRTFP Ux-	0	0	0	0	0	0
600	CRTFP Uy+	0	0	0	0	0	0
600	CRTFP Uy-	0	0	0	0	0	0
601	SLU 1	-1	-0.67	56.97	-0.1009	0.0332	-0.0186
601	SLU 2	-1	-0.58	57.01	-0.0978	0.0333	-0.0192
601	SLU 3	-1.02	-0.68	58.33	-0.1014	0.034	-0.019
601	SLU 4	-1.02	-0.63	58.35	-0.0996	0.034	-0.0193
601	SLU 5	-1.01	-0.59	57.83	-0.0987	0.0338	-0.0196
601	SLU 6	-1.04	-0.69	59.14	-0.1023	0.0345	-0.0194
601	SLU 7	-1.04	-0.64	59.17	-0.1005	0.0345	-0.0197
601	SLU 8	-1.03	-0.69	58.6	-0.1027	0.0342	-0.0194
601	SLU 9	-1.03	-0.64	58.63	-0.1008	0.0342	-0.0197
601	SLU 10	-1.04	-0.59	64.13	-0.0988	0.0371	-0.021
601	SLU 11	-1.06	-0.69	65.44	-0.1024	0.0377	-0.0208
601	SLU 12	-1.06	-0.64	65.47	-0.1005	0.0378	-0.0212
601	SLU 13	-1.05	-0.6	64.94	-0.0997	0.0376	-0.0214
601	SLU 14	-1.08	-0.7	66.26	-0.1032	0.0382	-0.0212
601	SLU 15	-1.08	-0.65	66.28	-0.1014	0.0383	-0.0215
601	SLU 16	-1.07	-0.7	65.72	-0.1036	0.038	-0.0212
601	SLU 17	-1.07	-0.65	65.74	-0.1018	0.038	-0.0215
601	SLU 18	-1.06	-0.68	67.13	-0.1023	0.0386	-0.0212
601	SLU 19	-1.05	-0.63	67.16	-0.1004	0.0387	-0.0216
601	SLU 20	-1.07	-0.69	67.95	-0.1031	0.0391	-0.0216
601	SLU 21	-1.07	-0.64	67.97	-0.1013	0.0391	-0.0219
601	SLU 22	-1.08	-0.66	63.91	-0.0947	0.0373	-0.02
601	SLU 23	-1.08	-0.57	63.95	-0.0917	0.0374	-0.0205
601	SLU 24	-1.1	-0.67	65.26	-0.0952	0.0381	-0.0203
601	SLU 25	-1.1	-0.62	65.29	-0.0934	0.0381	-0.0207
601	SLU 26	-1.1	-0.58	64.76	-0.0925	0.0379	-0.0209
601	SLU 27	-1.12	-0.68	66.08	-0.0961	0.0386	-0.0207
601	SLU 28	-1.12	-0.63	66.1	-0.0943	0.0386	-0.021
601	SLU 29	-1.11	-0.68	65.54	-0.0965	0.0383	-0.0207
601	SLU 30	-1.11	-0.62	65.56	-0.0946	0.0384	-0.021
601	SLU 31	-1.12	-0.58	71.06	-0.0926	0.0412	-0.0224
601	SLU 32	-1.14	-0.68	72.38	-0.0962	0.0419	-0.0221
601	SLU 33	-1.14	-0.63	72.4	-0.0943	0.0419	-0.0225
601	SLU 34	-1.14	-0.59	71.88	-0.0935	0.0417	-0.0227
601	SLU 35	-1.16	-0.69	73.19	-0.0971	0.0423	-0.0225
601	SLU 36	-1.16	-0.63	73.22	-0.0952	0.0424	-0.0228
601	SLU 37	-1.15	-0.69	72.65	-0.0974	0.0421	-0.0225
601	SLU 38	-1.15	-0.63	72.68	-0.0956	0.0421	-0.0228
601	SLU 39	-1.14	-0.67	74.07	-0.0961	0.0427	-0.0226
601	SLU 40	-1.13	-0.62	74.09	-0.0942	0.0428	-0.0229
601	SLU 41	-1.15	-0.68	74.89	-0.097	0.0432	-0.0229
601	SLU 42	-1.15	-0.63	74.91	-0.0951	0.0433	-0.0233
601	SLU 43	-1.27	-0.88	71.68	-0.1333	0.0418	-0.0238
601	SLU 44	-1.27	-0.79	71.72	-0.1302	0.0419	-0.0244
601	SLU 45	-1.3	-0.89	73.04	-0.1338	0.0425	-0.0241
601	SLU 46	-1.29	-0.83	73.06	-0.132	0.0426	-0.0245
601	SLU 47	-1.29	-0.8	72.54	-0.1311	0.0424	-0.0247
601	SLU 48	-1.31	-0.89	73.85	-0.1347	0.043	-0.0245
601	SLU 49	-1.31	-0.84	73.88	-0.1328	0.0431	-0.0248
601	SLU 50	-1.31	-0.89	73.31	-0.1351	0.0427	-0.0245
601	SLU 51	-1.31	-0.84	73.34	-0.1332	0.0428	-0.0248
601	SLU 52	-1.31	-0.8	78.84	-0.1312	0.0457	-0.0262
601	SLU 53	-1.34	-0.9	80.15	-0.1347	0.0463	-0.026
601	SLU 54	-1.33	-0.84	80.18	-0.1329	0.0464	-0.0263
601	SLU 55	-1.33	-0.81	79.65	-0.132	0.0461	-0.0265



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
601	SLU 56	-1.35	-0.9	80.97	-0.1356	0.0468	-0.0263
601	SLU 57	-1.35	-0.85	80.99	-0.1338	0.0468	-0.0267
601	SLU 58	-1.35	-0.9	80.43	-0.136	0.0465	-0.0263
601	SLU 59	-1.35	-0.85	80.45	-0.1342	0.0466	-0.0267
601	SLU 60	-1.33	-0.89	81.85	-0.1346	0.0472	-0.0264
601	SLU 61	-1.33	-0.84	81.87	-0.1328	0.0472	-0.0267
601	SLU 62	-1.35	-0.9	82.66	-0.1355	0.0477	-0.0267
601	SLU 63	-1.34	-0.85	82.69	-0.1337	0.0477	-0.0271
601	SLU 64	-1.35	-0.87	78.62	-0.1271	0.0459	-0.0251
601	SLU 65	-1.35	-0.78	78.66	-0.1241	0.046	-0.0257
601	SLU 66	-1.38	-0.88	79.98	-0.1276	0.0466	-0.0255
601	SLU 67	-1.37	-0.82	80	-0.1258	0.0467	-0.0258
601	SLU 68	-1.37	-0.79	79.48	-0.1249	0.0465	-0.026
601	SLU 69	-1.39	-0.88	80.79	-0.1285	0.0471	-0.0258
601	SLU 70	-1.39	-0.83	80.82	-0.1267	0.0472	-0.0262
601	SLU 71	-1.39	-0.88	80.25	-0.1289	0.0469	-0.0258
601	SLU 72	-1.39	-0.83	80.27	-0.127	0.0469	-0.0262
601	SLU 73	-1.39	-0.79	85.77	-0.125	0.0498	-0.0275
601	SLU 74	-1.42	-0.88	87.09	-0.1286	0.0504	-0.0273
601	SLU 75	-1.41	-0.83	87.12	-0.1267	0.0505	-0.0276
601	SLU 76	-1.41	-0.8	86.59	-0.1259	0.0502	-0.0279
601	SLU 77	-1.43	-0.89	87.91	-0.1295	0.0509	-0.0276
601	SLU 78	-1.43	-0.84	87.93	-0.1276	0.0509	-0.028
601	SLU 79	-1.43	-0.89	87.36	-0.1298	0.0506	-0.0276
601	SLU 80	-1.43	-0.84	87.39	-0.128	0.0507	-0.028
601	SLU 81	-1.41	-0.88	88.78	-0.1285	0.0513	-0.0277
601	SLU 82	-1.41	-0.83	88.81	-0.1266	0.0513	-0.028
601	SLU 83	-1.43	-0.89	89.6	-0.1293	0.0518	-0.0281
601	SLU 84	-1.42	-0.83	89.62	-0.1275	0.0518	-0.0284
601	SLE RA 1	-1.02	-0.67	58.95	-0.0991	0.0344	-0.019
601	SLE RA 2	-1.02	-0.61	58.98	-0.0971	0.0345	-0.0194
601	SLE RA 3	-1.04	-0.67	59.86	-0.0995	0.0349	-0.0193
601	SLE RA 4	-1.04	-0.64	59.87	-0.0983	0.0349	-0.0195
601	SLE RA 5	-1.03	-0.62	59.52	-0.0977	0.0348	-0.0196
601	SLE RA 6	-1.05	-0.68	60.4	-0.1001	0.0352	-0.0195
601	SLE RA 7	-1.05	-0.65	60.42	-0.0988	0.0353	-0.0197
601	SLE RA 8	-1.05	-0.68	60.04	-0.1003	0.035	-0.0195
601	SLE RA 9	-1.04	-0.64	60.06	-0.0991	0.0351	-0.0197
601	SLE RA 10	-1.05	-0.62	63.72	-0.0977	0.037	-0.0206
601	SLE RA 11	-1.06	-0.68	64.6	-0.1001	0.0374	-0.0205
601	SLE RA 12	-1.06	-0.65	64.62	-0.0989	0.0375	-0.0207
601	SLE RA 13	-1.06	-0.62	64.27	-0.0983	0.0373	-0.0209
601	SLE RA 14	-1.08	-0.69	65.14	-0.1007	0.0377	-0.0207
601	SLE RA 15	-1.08	-0.65	65.16	-0.0995	0.0378	-0.0209
601	SLE RA 16	-1.07	-0.69	64.78	-0.1009	0.0376	-0.0207
601	SLE RA 17	-1.07	-0.65	64.8	-0.0997	0.0376	-0.0209
601	SLE RA 18	-1.06	-0.68	65.73	-0.1	0.038	-0.0208
601	SLE RA 19	-1.06	-0.64	65.74	-0.0988	0.038	-0.021
601	SLE RA 20	-1.07	-0.68	66.27	-0.1006	0.0383	-0.021
601	SLE RA 21	-1.07	-0.65	66.29	-0.0994	0.0384	-0.0212
601	SLE FR 1	-1.02	-0.67	58.95	-0.0991	0.0344	-0.019
601	SLE FR 2	-1.02	-0.66	58.96	-0.0987	0.0344	-0.0191
601	SLE FR 3	-1.03	-0.67	59.17	-0.0994	0.0345	-0.0191
601	SLE FR 4	-1.03	-0.66	60.99	-0.099	0.0355	-0.0196
601	SLE FR 5	-1.04	-0.67	61.2	-0.0996	0.0356	-0.0196
601	SLE FR 6	-1.04	-0.67	62.34	-0.0996	0.0362	-0.0199
601	SLE QP 1	-1.02	-0.67	58.95	-0.0991	0.0344	-0.019
601	SLE QP 2	-1.03	-0.67	60.98	-0.0994	0.0355	-0.0195
601	SLD 1	3.49	-0.43	67.91	-0.1707	0.0605	-0.0259
601	SLD 2	3.5	-0.87	67.96	-0.1517	0.0602	-0.0204
601	SLD 3	3.54	-1.9	67.58	-0.1526	0.0586	-0.0225
601	SLD 4	3.55	-2.35	67.63	-0.1336	0.0584	-0.0169
601	SLD 5	0.25	1.72	63.54	-0.1517	0.0458	-0.0277
601	SLD 6	0.25	1.43	63.58	-0.1392	0.0456	-0.024
601	SLD 7	0.41	-3.2	62.46	-0.0913	0.0397	-0.0162
601	SLD 8	0.42	-3.49	62.5	-0.0788	0.0396	-0.0125
601	SLD 9	-2.48	2.15	59.47	-0.12	0.0314	-0.0266
601	SLD 10	-2.48	1.86	59.51	-0.1076	0.0313	-0.0229
601	SLD 11	-2.32	-2.77	58.39	-0.0596	0.0253	-0.015
601	SLD 12	-2.31	-3.06	58.43	-0.0472	0.0252	-0.0114
601	SLD 13	-5.61	1.01	54.33	-0.0652	0.0126	-0.0222
601	SLD 14	-5.61	0.56	54.39	-0.0463	0.0123	-0.0166
601	SLD 15	-5.56	-0.47	54.01	-0.0471	0.0107	-0.0187
601	SLD 16	-5.56	-0.92	54.06	-0.0281	0.0105	-0.0131
601	SLV 1	9.55	-0.15	77.18	-0.2663	0.0939	-0.0344
601	SLV 2	9.56	-1.2	77.31	-0.2222	0.0934	-0.0214
601	SLV 3	9.67	-3.5	76.43	-0.2241	0.0897	-0.0265
601	SLV 4	9.68	-4.54	76.55	-0.18	0.0892	-0.0135
601	SLV 5	1.96	4.74	66.97	-0.2211	0.0594	-0.0382
601	SLV 6	1.97	4.06	67.05	-0.1926	0.0591	-0.0298
601	SLV 7	2.35	-6.41	64.45	-0.0805	0.0455	-0.012
601	SLV 8	2.36	-7.09	64.53	-0.052	0.0452	-0.0036
601	SLV 9	-4.43	5.75	57.44	-0.1469	0.0258	-0.0355
601	SLV 10	-4.42	5.07	57.52	-0.1183	0.0255	-0.0271
601	SLV 11	-4.04	-5.41	54.92	-0.0063	0.0119	-0.0093
601	SLV 12	-4.03	-6.08	55	0.0223	0.0115	-0.0009
601	SLV 13	-11.75	3.2	45.42	-0.0188	-0.0182	-0.0256
601	SLV 14	-11.73	2.16	45.54	0.0253	-0.0188	-0.0125
601	SLV 15	-11.63	-0.14	44.66	0.0234	-0.0224	-0.0177



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
601	SLU 16	-11.61	-1.19	44.79	0.0675	-0.0229	-0.0047
601	CRTFP Ux+	0	0	0	0	0	0
601	CRTFP Ux-	0	0	0	0	0	0
601	CRTFP Uy+	0	0	0	0	0	0
601	CRTFP Uy-	0	0	0	0	0	0
602	SLU 1	-0.88	-0.69	51.62	-0.0978	0.7284	-0.004
602	SLU 2	-0.88	-0.62	51.65	-0.0951	0.7289	-0.0053
602	SLU 3	-0.9	-0.7	52.85	-0.0983	0.7457	-0.0041
602	SLU 4	-0.9	-0.66	52.87	-0.0967	0.746	-0.0049
602	SLU 5	-0.89	-0.62	52.39	-0.0959	0.7393	-0.0054
602	SLU 6	-0.92	-0.71	53.59	-0.0992	0.7561	-0.0042
602	SLU 7	-0.92	-0.67	53.61	-0.0975	0.7564	-0.005
602	SLU 8	-0.91	-0.71	53.09	-0.0995	0.7492	-0.0043
602	SLU 9	-0.91	-0.67	53.11	-0.0979	0.7495	-0.0051
602	SLU 10	-0.91	-0.63	58.1	-0.0962	0.8199	-0.0062
602	SLU 11	-0.93	-0.72	59.3	-0.0994	0.8366	-0.005
602	SLU 12	-0.93	-0.67	59.32	-0.0978	0.837	-0.0058
602	SLU 13	-0.93	-0.64	58.84	-0.097	0.8303	-0.0063
602	SLU 14	-0.95	-0.73	60.04	-0.1003	0.847	-0.0051
602	SLU 15	-0.95	-0.68	60.06	-0.0986	0.8474	-0.0059
602	SLU 16	-0.94	-0.73	59.55	-0.1006	0.8401	-0.0052
602	SLU 17	-0.94	-0.68	59.57	-0.099	0.8405	-0.006
602	SLU 18	-0.93	-0.72	60.84	-0.0994	0.8583	-0.0052
602	SLU 19	-0.93	-0.67	60.86	-0.0978	0.8586	-0.006
602	SLU 20	-0.94	-0.73	61.57	-0.1002	0.8687	-0.0054
602	SLU 21	-0.94	-0.68	61.6	-0.0986	0.869	-0.0062
602	SLU 22	-0.95	-0.69	57.89	-0.0921	0.8172	-0.0048
602	SLU 23	-0.95	-0.61	57.93	-0.0894	0.8178	-0.0061
602	SLU 24	-0.97	-0.7	59.13	-0.0926	0.8345	-0.0049
602	SLU 25	-0.97	-0.65	59.15	-0.091	0.8349	-0.0057
602	SLU 26	-0.96	-0.62	58.67	-0.0902	0.8282	-0.0063
602	SLU 27	-0.99	-0.71	59.86	-0.0934	0.8449	-0.0051
602	SLU 28	-0.99	-0.66	59.89	-0.0918	0.8453	-0.0059
602	SLU 29	-0.98	-0.71	59.37	-0.0938	0.838	-0.0051
602	SLU 30	-0.98	-0.66	59.39	-0.0921	0.8384	-0.0059
602	SLU 31	-0.98	-0.62	64.38	-0.0905	0.9087	-0.007
602	SLU 32	-1	-0.71	65.58	-0.0937	0.9255	-0.0058
602	SLU 33	-1	-0.67	65.6	-0.092	0.9258	-0.0066
602	SLU 34	-1	-0.63	65.12	-0.0913	0.9191	-0.0072
602	SLU 35	-1.02	-0.72	66.32	-0.0945	0.9359	-0.006
602	SLU 36	-1.02	-0.68	66.34	-0.0929	0.9362	-0.0068
602	SLU 37	-1.01	-0.72	65.83	-0.0949	0.929	-0.006
602	SLU 38	-1.01	-0.67	65.85	-0.0932	0.9293	-0.0068
602	SLU 39	-1	-0.71	67.11	-0.0936	0.9471	-0.0061
602	SLU 40	-1	-0.66	67.14	-0.092	0.9475	-0.0069
602	SLU 41	-1.01	-0.72	67.85	-0.0945	0.9575	-0.0062
602	SLU 42	-1.01	-0.67	67.87	-0.0929	0.9579	-0.007
602	SLU 43	-1.12	-0.91	64.95	-0.1291	0.9164	-0.0049
602	SLU 44	-1.12	-0.83	64.98	-0.1264	0.917	-0.0062
602	SLU 45	-1.14	-0.91	66.18	-0.1297	0.9337	-0.005
602	SLU 46	-1.14	-0.87	66.2	-0.128	0.9341	-0.0058
602	SLU 47	-1.13	-0.84	65.72	-0.1273	0.9274	-0.0063
602	SLU 48	-1.16	-0.92	66.92	-0.1305	0.9441	-0.0051
602	SLU 49	-1.15	-0.88	66.94	-0.1289	0.9445	-0.0059
602	SLU 50	-1.15	-0.92	66.43	-0.1308	0.9372	-0.0052
602	SLU 51	-1.15	-0.88	66.45	-0.1292	0.9376	-0.006
602	SLU 52	-1.15	-0.84	71.44	-0.1275	1.0079	-0.0071
602	SLU 53	-1.17	-0.93	72.63	-0.1307	1.0247	-0.0059
602	SLU 54	-1.17	-0.88	72.65	-0.1291	1.025	-0.0067
602	SLU 55	-1.17	-0.85	72.17	-0.1284	1.0183	-0.0072
602	SLU 56	-1.19	-0.94	73.37	-0.1316	1.0351	-0.006
602	SLU 57	-1.19	-0.89	73.39	-0.13	1.0354	-0.0068
602	SLU 58	-1.18	-0.94	72.88	-0.1319	1.0282	-0.0061
602	SLU 59	-1.18	-0.89	72.9	-0.1303	1.0285	-0.0069
602	SLU 60	-1.17	-0.93	74.17	-0.1307	1.0463	-0.0061
602	SLU 61	-1.17	-0.88	74.19	-0.1291	1.0467	-0.0069
602	SLU 62	-1.18	-0.94	74.91	-0.1316	1.0567	-0.0063
602	SLU 63	-1.18	-0.89	74.93	-0.1299	1.0571	-0.0071
602	SLU 64	-1.19	-0.9	71.23	-0.1234	1.0052	-0.0057
602	SLU 65	-1.19	-0.82	71.26	-0.1207	1.0058	-0.007
602	SLU 66	-1.21	-0.91	72.46	-0.1239	1.0226	-0.0058
602	SLU 67	-1.21	-0.86	72.48	-0.1223	1.0229	-0.0066
602	SLU 68	-1.2	-0.83	72	-0.1215	1.0162	-0.0072
602	SLU 69	-1.23	-0.92	73.2	-0.1247	1.033	-0.006
602	SLU 70	-1.23	-0.87	73.22	-0.1231	1.0333	-0.0068
602	SLU 71	-1.22	-0.92	72.7	-0.1251	1.0261	-0.006
602	SLU 72	-1.22	-0.87	72.73	-0.1234	1.0264	-0.0068
602	SLU 73	-1.22	-0.84	77.72	-0.1218	1.0968	-0.0079
602	SLU 74	-1.24	-0.92	78.91	-0.125	1.1135	-0.0067
602	SLU 75	-1.24	-0.88	78.93	-0.1234	1.1138	-0.0075
602	SLU 76	-1.24	-0.84	78.45	-0.1226	1.1072	-0.0081
602	SLU 77	-1.26	-0.93	79.65	-0.1258	1.1239	-0.0069
602	SLU 78	-1.26	-0.89	79.67	-0.1242	1.1243	-0.0077
602	SLU 79	-1.25	-0.93	79.16	-0.1262	1.117	-0.0069
602	SLU 80	-1.25	-0.88	79.18	-0.1245	1.1174	-0.0077
602	SLU 81	-1.24	-0.92	80.45	-0.125	1.1352	-0.007
602	SLU 82	-1.24	-0.87	80.47	-0.1233	1.1355	-0.0078
602	SLU 83	-1.25	-0.93	81.19	-0.1258	1.1456	-0.0071
602	SLU 84	-1.25	-0.88	81.21	-0.1242	1.1459	-0.0079



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
602	SLE RA 1	-0.9	-0.69	53.41	-0.0962	0.7537	-0.0042
602	SLE RA 2	-0.9	-0.64	53.43	-0.0944	0.7541	-0.0051
602	SLE RA 3	-0.91	-0.7	54.23	-0.0965	0.7653	-0.0043
602	SLE RA 4	-0.91	-0.67	54.24	-0.0954	0.7655	-0.0048
602	SLE RA 5	-0.91	-0.65	53.93	-0.0949	0.7611	-0.0052
602	SLE RA 6	-0.92	-0.71	54.72	-0.0971	0.7722	-0.0044
602	SLE RA 7	-0.92	-0.67	54.74	-0.096	0.7725	-0.0049
602	SLE RA 8	-0.92	-0.71	54.39	-0.0973	0.7676	-0.0044
602	SLE RA 9	-0.92	-0.67	54.41	-0.0962	0.7679	-0.0049
602	SLE RA 10	-0.92	-0.65	57.74	-0.0951	0.8147	-0.0057
602	SLE RA 11	-0.94	-0.71	58.53	-0.0973	0.8259	-0.0049
602	SLE RA 12	-0.94	-0.68	58.55	-0.0962	0.8261	-0.0054
602	SLE RA 13	-0.93	-0.66	58.23	-0.0957	0.8217	-0.0058
602	SLE RA 14	-0.95	-0.72	59.03	-0.0978	0.8329	-0.005
602	SLE RA 15	-0.95	-0.68	59.04	-0.0967	0.8331	-0.0055
602	SLE RA 16	-0.94	-0.72	58.7	-0.098	0.8283	-0.005
602	SLE RA 17	-0.94	-0.68	58.71	-0.0969	0.8285	-0.0055
602	SLE RA 18	-0.93	-0.71	59.56	-0.0972	0.8404	-0.0051
602	SLE RA 19	-0.93	-0.68	59.57	-0.0961	0.8406	-0.0056
602	SLE RA 20	-0.94	-0.71	60.05	-0.0978	0.8473	-0.0052
602	SLE RA 21	-0.94	-0.68	60.06	-0.0967	0.8475	-0.0057
602	SLE FR 1	-0.9	-0.69	53.41	-0.0962	0.7537	-0.0042
602	SLE FR 2	-0.9	-0.68	53.41	-0.0958	0.7538	-0.0044
602	SLE FR 3	-0.9	-0.7	53.61	-0.0964	0.7565	-0.0042
602	SLE FR 4	-0.91	-0.69	55.26	-0.0961	0.7798	-0.0046
602	SLE FR 5	-0.91	-0.7	55.45	-0.0967	0.7825	-0.0045
602	SLE FR 6	-0.91	-0.7	56.48	-0.0967	0.797	-0.0046
602	SLE QP 1	-0.9	-0.69	53.41	-0.0962	0.7537	-0.0042
602	SLE QP 2	-0.91	-0.7	55.25	-0.0965	0.7797	-0.0045
602	SLD 1	3.27	-0.49	60.98	-0.1651	0.8726	-0.0086
602	SLD 2	3.27	-0.88	61.03	-0.1477	0.8732	0.0015
602	SLD 3	3.31	-1.84	60.73	-0.1468	0.8676	0.0111
602	SLD 4	3.32	-2.23	60.78	-0.1294	0.8682	0.0213
602	SLD 5	0.27	1.49	57.34	-0.148	0.8151	-0.0375
602	SLD 6	0.28	1.23	57.38	-0.1366	0.8154	-0.0308
602	SLD 7	0.43	-3.02	56.51	-0.0869	0.7984	0.0284
602	SLD 8	0.43	-3.28	56.54	-0.0754	0.7988	0.035
602	SLD 9	-2.25	1.89	53.96	-0.1176	0.7606	-0.044
602	SLD 10	-2.24	1.63	54	-0.1061	0.761	-0.0373
602	SLD 11	-2.1	-2.63	53.13	-0.0564	0.744	0.0219
602	SLD 12	-2.09	-2.88	53.17	-0.045	0.7444	0.0286
602	SLD 13	-5.13	0.84	49.72	-0.0636	0.6912	-0.0302
602	SLD 14	-5.13	0.44	49.78	-0.0462	0.6918	-0.0201
602	SLD 15	-5.09	-0.52	49.47	-0.0453	0.6862	-0.0104
602	SLD 16	-5.08	-0.91	49.53	-0.0279	0.6868	-0.0003
602	SLV 1	8.86	-0.25	68.65	-0.2572	0.9972	-0.0134
602	SLV 2	8.87	-1.16	68.78	-0.2167	0.9985	0.0102
602	SLV 3	8.96	-3.32	68.06	-0.2146	0.9855	0.0314
602	SLV 4	8.98	-4.23	68.19	-0.1741	0.9869	0.0549
602	SLV 5	1.86	4.24	60.14	-0.2164	0.8623	-0.0791
602	SLV 6	1.87	3.66	60.22	-0.1901	0.8632	-0.0639
602	SLV 7	2.21	-5.98	58.19	-0.0744	0.8236	0.0701
602	SLV 8	2.22	-6.57	58.27	-0.0481	0.8245	0.0853
602	SLV 9	-4.04	5.17	52.24	-0.1449	0.735	-0.0942
602	SLV 10	-4.03	4.58	52.32	-0.1186	0.7358	-0.079
602	SLV 11	-3.69	-5.05	50.29	-0.0029	0.6962	0.055
602	SLV 12	-3.68	-5.64	50.37	0.0234	0.6971	0.0702
602	SLV 13	-10.8	2.84	42.31	-0.0189	0.5726	-0.0638
602	SLV 14	-10.78	1.93	42.45	0.0216	0.5739	-0.0403
602	SLV 15	-10.69	-0.23	41.73	0.0237	0.561	-0.0191
602	SLV 16	-10.67	-1.14	41.86	0.0642	0.5623	0.0045
602	CRTFP Ux+	0	0	0	0	0	0
602	CRTFP Ux-	0	0	0	0	0	0
602	CRTFP Uy+	0	0	0	0	0	0
602	CRTFP Uy-	0	0	0	0	0	0
607	SLU 1	-2.06	-2.54	147.13	-8.7467	-10.018	-0.2658
607	SLU 2	-2.06	-2.31	147.2	-8.7443	-10.0229	-0.2499
607	SLU 3	-2.11	-2.58	150.67	-8.9562	-10.2602	-0.2703
607	SLU 4	-2.11	-2.44	150.71	-8.9548	-10.2631	-0.2607
607	SLU 5	-2.1	-2.35	149.32	-8.8721	-10.1673	-0.2547
607	SLU 6	-2.15	-2.62	152.78	-9.0839	-10.4047	-0.2751
607	SLU 7	-2.15	-2.48	152.83	-9.0825	-10.4076	-0.2655
607	SLU 8	-2.14	-2.62	151.36	-9.0022	-10.3068	-0.2753
607	SLU 9	-2.14	-2.48	151.4	-9.0007	-10.3098	-0.2658
607	SLU 10	-2.12	-2.37	165.64	-9.7962	-11.284	-0.2548
607	SLU 11	-2.17	-2.65	169.11	-10.008	-11.5213	-0.2752
607	SLU 12	-2.17	-2.5	169.15	-10.0066	-11.5242	-0.2656
607	SLU 13	-2.16	-2.41	167.76	-9.924	-11.4284	-0.2595
607	SLU 14	-2.21	-2.69	171.22	-10.1358	-11.6657	-0.2799
607	SLU 15	-2.21	-2.54	171.27	-10.1344	-11.6686	-0.2704
607	SLU 16	-2.2	-2.69	169.8	-10.054	-11.5679	-0.2802
607	SLU 17	-2.19	-2.55	169.84	-10.0526	-11.5708	-0.2707
607	SLU 18	-2.14	-2.64	173.48	-10.2494	-11.8196	-0.2728
607	SLU 19	-2.14	-2.5	173.52	-10.248	-11.8225	-0.2632
607	SLU 20	-2.18	-2.68	175.59	-10.3771	-11.964	-0.2775
607	SLU 21	-2.18	-2.54	175.63	-10.3757	-11.9669	-0.268
607	SLU 22	-2.22	-2.53	164.87	-9.7357	-11.2095	-0.2691
607	SLU 23	-2.22	-2.29	164.94	-9.7333	-11.2143	-0.2532
607	SLU 24	-2.27	-2.57	168.41	-9.9451	-11.4517	-0.2736



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
607	SLU 25	-2.27	-2.42	168.45	-9.9437	-11.4546	-0.2641
607	SLU 26	-2.26	-2.33	167.06	-9.8611	-11.3587	-0.258
607	SLU 27	-2.31	-2.6	170.52	-10.0729	-11.5961	-0.2784
607	SLU 28	-2.31	-2.46	170.56	-10.0715	-11.599	-0.2688
607	SLU 29	-2.3	-2.61	169.1	-9.9911	-11.4983	-0.2787
607	SLU 30	-2.3	-2.47	169.14	-9.9897	-11.5012	-0.2691
607	SLU 31	-2.28	-2.36	183.38	-10.7852	-12.4754	-0.2581
607	SLU 32	-2.33	-2.63	186.85	-10.997	-12.7128	-0.2785
607	SLU 33	-2.33	-2.49	186.89	-10.9956	-12.7157	-0.2689
607	SLU 34	-2.32	-2.4	185.5	-10.9129	-12.6198	-0.2628
607	SLU 35	-2.37	-2.67	188.96	-11.1247	-12.8572	-0.2832
607	SLU 36	-2.37	-2.53	189	-11.1233	-12.8601	-0.2737
607	SLU 37	-2.36	-2.68	187.54	-11.043	-12.7594	-0.2835
607	SLU 38	-2.36	-2.53	187.58	-11.0416	-12.7623	-0.274
607	SLU 39	-2.3	-2.63	191.21	-11.2384	-13.011	-0.2761
607	SLU 40	-2.3	-2.48	191.26	-11.2369	-13.0139	-0.2665
607	SLU 41	-2.34	-2.66	193.33	-11.3661	-13.1554	-0.2808
607	SLU 42	-2.34	-2.52	193.37	-11.3647	-13.1583	-0.2713
607	SLU 43	-2.63	-3.31	185.19	-11.0316	-12.6149	-0.3444
607	SLU 44	-2.62	-3.08	185.26	-11.0293	-12.6198	-0.3285
607	SLU 45	-2.68	-3.35	188.73	-11.2411	-12.8572	-0.3489
607	SLU 46	-2.68	-3.21	188.77	-11.2397	-12.8601	-0.3394
607	SLU 47	-2.66	-3.11	187.38	-11.157	-12.7642	-0.3333
607	SLU 48	-2.71	-3.39	190.84	-11.3688	-13.0016	-0.3537
607	SLU 49	-2.71	-3.24	190.89	-11.3674	-13.0045	-0.3441
607	SLU 50	-2.7	-3.39	189.42	-11.2871	-12.9038	-0.354
607	SLU 51	-2.7	-3.25	189.46	-11.2857	-12.9067	-0.3444
607	SLU 52	-2.68	-3.14	203.7	-12.0812	-13.8809	-0.3334
607	SLU 53	-2.73	-3.41	207.17	-12.293	-14.1182	-0.3538
607	SLU 54	-2.73	-3.27	207.21	-12.2916	-14.1211	-0.3442
607	SLU 55	-2.72	-3.18	205.82	-12.2089	-14.0253	-0.3381
607	SLU 56	-2.77	-3.45	209.28	-12.4207	-14.2626	-0.3585
607	SLU 57	-2.77	-3.31	209.33	-12.4193	-14.2656	-0.349
607	SLU 58	-2.76	-3.46	207.86	-12.339	-14.1648	-0.3588
607	SLU 59	-2.76	-3.32	207.9	-12.3376	-14.1678	-0.3493
607	SLU 60	-2.71	-3.41	211.53	-12.5343	-14.4165	-0.3514
607	SLU 61	-2.71	-3.27	211.58	-12.5329	-14.4194	-0.3418
607	SLU 62	-2.75	-3.45	213.65	-12.662	-14.5609	-0.3561
607	SLU 63	-2.75	-3.3	213.69	-12.6606	-14.5638	-0.3466
607	SLU 64	-2.79	-3.3	202.93	-12.0206	-13.8064	-0.3477
607	SLU 65	-2.79	-3.06	203	-12.0183	-13.8112	-0.3318
607	SLU 66	-2.84	-3.33	206.47	-12.2301	-14.0486	-0.3522
607	SLU 67	-2.84	-3.19	206.51	-12.2287	-14.0515	-0.3427
607	SLU 68	-2.82	-3.1	205.12	-12.146	-13.9556	-0.3366
607	SLU 69	-2.87	-3.37	208.58	-12.3578	-14.193	-0.357
607	SLU 70	-2.87	-3.23	208.62	-12.3564	-14.1959	-0.3474
607	SLU 71	-2.86	-3.38	207.16	-12.2761	-14.0952	-0.3573
607	SLU 72	-2.86	-3.23	207.2	-12.2747	-14.0981	-0.3477
607	SLU 73	-2.84	-3.13	221.44	-13.0701	-15.0723	-0.3367
607	SLU 74	-2.89	-3.4	224.91	-13.282	-15.3097	-0.3571
607	SLU 75	-2.89	-3.26	224.95	-13.2805	-15.3126	-0.3475
607	SLU 76	-2.88	-3.17	223.55	-13.1979	-15.2167	-0.3414
607	SLU 77	-2.93	-3.44	227.02	-13.4097	-15.4541	-0.3618
607	SLU 78	-2.93	-3.3	227.06	-13.4083	-15.457	-0.3523
607	SLU 79	-2.92	-3.44	225.6	-13.3279	-15.3563	-0.3621
607	SLU 80	-2.92	-3.3	225.64	-13.3265	-15.3592	-0.3526
607	SLU 81	-2.87	-3.39	229.27	-13.5233	-15.6079	-0.3547
607	SLU 82	-2.87	-3.25	229.31	-13.5219	-15.6108	-0.3451
607	SLU 83	-2.91	-3.43	231.39	-13.651	-15.7523	-0.3594
607	SLU 84	-2.91	-3.29	231.43	-13.6496	-15.7552	-0.3499
607	SLE RA 1	-2.11	-2.54	152.2	-9.0293	-10.3584	-0.2668
607	SLE RA 2	-2.11	-2.38	152.25	-9.0277	-10.3617	-0.2562
607	SLE RA 3	-2.14	-2.56	154.56	-9.1689	-10.5199	-0.2698
607	SLE RA 4	-2.14	-2.47	154.59	-9.168	-10.5219	-0.2634
607	SLE RA 5	-2.13	-2.41	153.66	-9.1129	-10.4579	-0.2593
607	SLE RA 6	-2.17	-2.59	155.97	-9.2541	-10.6162	-0.2729
607	SLE RA 7	-2.17	-2.5	156	-9.2531	-10.6181	-0.2666
607	SLE RA 8	-2.16	-2.59	155.02	-9.1996	-10.551	-0.2731
607	SLE RA 9	-2.16	-2.5	155.05	-9.1986	-10.5529	-0.2668
607	SLE RA 10	-2.15	-2.43	164.54	-9.7289	-11.2024	-0.2594
607	SLE RA 11	-2.18	-2.61	166.85	-9.8702	-11.3606	-0.273
607	SLE RA 12	-2.18	-2.51	166.88	-9.8692	-11.3626	-0.2666
607	SLE RA 13	-2.17	-2.45	165.95	-9.8141	-11.2987	-0.2626
607	SLE RA 14	-2.21	-2.63	168.26	-9.9553	-11.4569	-0.2762
607	SLE RA 15	-2.2	-2.54	168.29	-9.9544	-11.4588	-0.2698
607	SLE RA 16	-2.2	-2.64	167.31	-9.9008	-11.3917	-0.2764
607	SLE RA 17	-2.2	-2.54	167.34	-9.8999	-11.3936	-0.27
607	SLE RA 18	-2.16	-2.6	169.76	-10.0311	-11.5595	-0.2714
607	SLE RA 19	-2.16	-2.51	169.79	-10.0301	-11.5614	-0.265
607	SLE RA 20	-2.19	-2.63	171.17	-10.1162	-11.6557	-0.2746
607	SLE RA 21	-2.19	-2.54	171.2	-10.1153	-11.6577	-0.2682
607	SLE FR 1	-2.11	-2.54	152.2	-9.0293	-10.3584	-0.2668
607	SLE FR 2	-2.11	-2.51	152.21	-9.029	-10.3591	-0.2646
607	SLE FR 3	-2.12	-2.55	152.77	-9.0633	-10.3969	-0.268
607	SLE FR 4	-2.12	-2.53	157.48	-9.3295	-10.7194	-0.266
607	SLE FR 5	-2.13	-2.57	158.03	-9.3639	-10.7573	-0.2694
607	SLE FR 6	-2.14	-2.57	160.98	-9.5302	-10.959	-0.2691
607	SLE QP 1	-2.11	-2.54	152.2	-9.0293	-10.3584	-0.2668
607	SLE QP 2	-2.12	-2.56	157.47	-9.3298	-10.7187	-0.2682



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
607	SLD 1	10.18	-1.82	169.66	-9.9576	-11.2384	0.5278
607	SLD 2	10.21	-2.75	169.94	-9.9549	-11.2593	0.4886
607	SLD 3	10.31	-5.85	170.69	-10.0602	-11.3736	0.2525
607	SLD 4	10.34	-6.78	170.96	-10.0575	-11.3945	0.2133
607	SLD 5	1.37	3.95	159.53	-9.3629	-10.6659	0.3953
607	SLD 6	1.39	3.34	159.71	-9.3611	-10.6797	0.3695
607	SLD 7	1.79	-9.5	162.94	-9.7051	-11.1165	-0.5225
607	SLD 8	1.81	-10.11	163.12	-9.7034	-11.1303	-0.5484
607	SLD 9	-6.06	4.99	151.82	-8.9562	-10.3072	0.012
607	SLD 10	-6.04	4.38	152	-8.9545	-10.321	-0.0138
607	SLD 11	-5.64	-8.45	155.23	-9.2985	-10.7578	-0.9058
607	SLD 12	-5.62	-9.07	155.41	-9.2967	-10.7716	-0.9316
607	SLD 13	-14.59	1.66	143.98	-8.6021	-10.043	-0.7496
607	SLD 14	-14.55	0.73	144.25	-8.5994	-10.0639	-0.7888
607	SLD 15	-14.46	-2.37	145	-8.7047	-10.1782	-1.0249
607	SLD 16	-14.43	-3.3	145.28	-8.702	-10.1991	-1.0641
607	SLV 1	26.66	-0.98	186.04	-10.8017	-11.9392	1.5835
607	SLV 2	26.74	-3.14	186.68	-10.7955	-11.988	1.4922
607	SLV 3	26.96	-10.12	188.38	-11.0356	-12.2474	0.9597
607	SLV 4	27.04	-12.28	189.01	-11.0294	-12.2962	0.8685
607	SLV 5	6.05	12.15	162.39	-9.4177	-10.609	1.2492
607	SLV 6	6.1	10.75	162.8	-9.4137	-10.6406	1.1901
607	SLV 7	7.03	-18.31	170.17	-10.1974	-11.6363	-0.83
607	SLV 8	7.09	-19.72	170.58	-10.1933	-11.6679	-0.889
607	SLV 9	-11.33	14.6	144.36	-8.4663	-9.7696	0.3527
607	SLV 10	-11.28	13.2	144.77	-8.4622	-9.8012	0.2936
607	SLV 11	-10.35	-15.87	152.14	-9.2459	-10.7969	-1.7264
607	SLV 12	-10.3	-17.27	152.55	-9.2419	-10.8285	-1.7855
607	SLV 13	-31.29	7.17	125.93	-7.6303	-9.1413	-1.4048
607	SLV 14	-31.2	5	126.56	-7.624	-9.1901	-1.496
607	SLV 15	-30.99	-1.97	128.26	-7.8642	-9.4495	-2.0285
607	SLV 16	-30.91	-4.14	128.9	-7.8579	-9.4983	-2.1198
607	CRTFP Ux+	0	0	0	0	0	0
607	CRTFP Ux-	0	0	0	0	0	0
607	CRTFP Uy+	0	0	0	0	0	0
607	CRTFP Uy-	0	0	0	0	0	0
609	SLU 1	-0.33	-0.39	23.08	5.4984	-0.9461	0.0675
609	SLU 2	-0.33	-0.35	23.09	5.5029	-0.9467	0.0689
609	SLU 3	-0.34	-0.39	23.63	5.6301	-0.9689	0.0693
609	SLU 4	-0.34	-0.37	23.64	5.6329	-0.9693	0.0702
609	SLU 5	-0.34	-0.36	23.42	5.5811	-0.9603	0.0702
609	SLU 6	-0.35	-0.4	23.96	5.7083	-0.9824	0.0706
609	SLU 7	-0.34	-0.38	23.97	5.7111	-0.9828	0.0714
609	SLU 8	-0.34	-0.4	23.74	5.6548	-0.9732	0.07
609	SLU 9	-0.34	-0.38	23.75	5.6575	-0.9736	0.0708
609	SLU 10	-0.34	-0.36	26.01	6.2023	-1.0668	0.0711
609	SLU 11	-0.35	-0.4	26.55	6.3295	-1.0889	0.0715
609	SLU 12	-0.35	-0.38	26.56	6.3323	-1.0893	0.0723
609	SLU 13	-0.35	-0.37	26.34	6.2806	-1.0803	0.0723
609	SLU 14	-0.35	-0.41	26.88	6.4078	-1.1025	0.0727
609	SLU 15	-0.35	-0.39	26.89	6.4105	-1.1029	0.0736
609	SLU 16	-0.35	-0.41	26.66	6.3542	-1.0933	0.0721
609	SLU 17	-0.35	-0.39	26.67	6.3569	-1.0936	0.073
609	SLU 18	-0.34	-0.4	27.25	6.4975	-1.1176	0.0705
609	SLU 19	-0.34	-0.38	27.26	6.5003	-1.118	0.0714
609	SLU 20	-0.35	-0.41	27.58	6.5757	-1.1312	0.0718
609	SLU 21	-0.35	-0.38	27.59	6.5785	-1.1315	0.0726
609	SLU 22	-0.36	-0.38	25.89	6.1753	-1.0615	0.0745
609	SLU 23	-0.36	-0.35	25.9	6.1799	-1.0621	0.0759
609	SLU 24	-0.37	-0.39	26.44	6.3071	-1.0843	0.0763
609	SLU 25	-0.37	-0.37	26.45	6.3098	-1.0846	0.0772
609	SLU 26	-0.36	-0.35	26.23	6.2581	-1.0757	0.0772
609	SLU 27	-0.37	-0.39	26.77	6.3853	-1.0978	0.0776
609	SLU 28	-0.37	-0.37	26.78	6.388	-1.0982	0.0784
609	SLU 29	-0.37	-0.39	26.55	6.3317	-1.0886	0.077
609	SLU 30	-0.37	-0.37	26.56	6.3345	-1.0889	0.0778
609	SLU 31	-0.37	-0.35	28.82	6.8793	-1.1822	0.0781
609	SLU 32	-0.38	-0.4	29.36	7.0065	-1.2043	0.0785
609	SLU 33	-0.38	-0.37	29.37	7.0092	-1.2047	0.0793
609	SLU 34	-0.37	-0.36	29.15	6.9575	-1.1957	0.0793
609	SLU 35	-0.38	-0.4	29.7	7.0847	-1.2179	0.0797
609	SLU 36	-0.38	-0.38	29.7	7.0874	-1.2182	0.0806
609	SLU 37	-0.38	-0.4	29.47	7.0311	-1.2086	0.0791
609	SLU 38	-0.38	-0.38	29.48	7.0339	-1.209	0.08
609	SLU 39	-0.37	-0.4	30.06	7.1744	-1.233	0.0776
609	SLU 40	-0.37	-0.37	30.07	7.1772	-1.2334	0.0784
609	SLU 41	-0.38	-0.4	30.39	7.2526	-1.2465	0.0788
609	SLU 42	-0.38	-0.38	30.4	7.2554	-1.2469	0.0796
609	SLU 43	-0.42	-0.5	29.04	6.9158	-1.1904	0.0853
609	SLU 44	-0.42	-0.47	29.05	6.9204	-1.191	0.0868
609	SLU 45	-0.43	-0.51	29.59	7.0476	-1.2132	0.0872
609	SLU 46	-0.43	-0.49	29.6	7.0503	-1.2136	0.088
609	SLU 47	-0.43	-0.47	29.38	6.9986	-1.2046	0.088
609	SLU 48	-0.44	-0.52	29.92	7.1258	-1.2267	0.0884
609	SLU 49	-0.43	-0.49	29.93	7.1285	-1.2271	0.0893
609	SLU 50	-0.43	-0.52	29.7	7.0722	-1.2175	0.0878
609	SLU 51	-0.43	-0.49	29.7	7.075	-1.2179	0.0887
609	SLU 52	-0.43	-0.48	31.97	7.6198	-1.3111	0.0889
609	SLU 53	-0.44	-0.52	32.51	7.747	-1.3332	0.0893



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
609	SLU 54	-0.44	-0.5	32.52	7.7497	-1.3336	0.0902
609	SLU 55	-0.44	-0.48	32.3	7.698	-1.3246	0.0901
609	SLU 56	-0.44	-0.52	32.84	7.8252	-1.3468	0.0906
609	SLU 57	-0.44	-0.5	32.85	7.8279	-1.3471	0.0914
609	SLU 58	-0.44	-0.53	32.62	7.7716	-1.3375	0.0899
609	SLU 59	-0.44	-0.5	32.63	7.7744	-1.3379	0.0908
609	SLU 60	-0.44	-0.52	33.21	7.9149	-1.3619	0.0884
609	SLU 61	-0.43	-0.5	33.22	7.9177	-1.3623	0.0892
609	SLU 62	-0.44	-0.52	33.54	7.9931	-1.3754	0.0896
609	SLU 63	-0.44	-0.5	33.55	7.9959	-1.3758	0.0905
609	SLU 64	-0.45	-0.5	31.85	7.5927	-1.3058	0.0923
609	SLU 65	-0.45	-0.46	31.86	7.5973	-1.3064	0.0938
609	SLU 66	-0.46	-0.51	32.4	7.7245	-1.3285	0.0942
609	SLU 67	-0.46	-0.48	32.41	7.7272	-1.3289	0.095
609	SLU 68	-0.45	-0.47	32.19	7.6755	-1.3199	0.095
609	SLU 69	-0.46	-0.51	32.73	7.8027	-1.3421	0.0954
609	SLU 70	-0.46	-0.49	32.74	7.8054	-1.3425	0.0963
609	SLU 71	-0.46	-0.51	32.51	7.7491	-1.3329	0.0948
609	SLU 72	-0.46	-0.49	32.52	7.7519	-1.3332	0.0957
609	SLU 73	-0.46	-0.47	34.78	8.2967	-1.4264	0.0959
609	SLU 74	-0.47	-0.51	35.32	8.4239	-1.4486	0.0963
609	SLU 75	-0.47	-0.49	35.33	8.4266	-1.449	0.0972
609	SLU 76	-0.46	-0.48	35.11	8.3749	-1.44	0.0971
609	SLU 77	-0.47	-0.52	35.65	8.5021	-1.4621	0.0976
609	SLU 78	-0.47	-0.5	35.66	8.5048	-1.4625	0.0984
609	SLU 79	-0.47	-0.52	35.43	8.4485	-1.4529	0.097
609	SLU 80	-0.47	-0.5	35.44	8.4513	-1.4533	0.0978
609	SLU 81	-0.46	-0.51	36.02	8.5918	-1.4773	0.0954
609	SLU 82	-0.46	-0.49	36.03	8.5946	-1.4776	0.0963
609	SLU 83	-0.47	-0.52	36.35	8.6701	-1.4908	0.0966
609	SLU 84	-0.47	-0.5	36.36	8.6728	-1.4912	0.0975
609	SLE RA 1	-0.34	-0.39	23.88	5.6918	-0.9791	0.0695
609	SLE RA 2	-0.34	-0.36	23.89	5.6948	-0.9795	0.0704
609	SLE RA 3	-0.34	-0.39	24.25	5.7796	-0.9943	0.0707
609	SLE RA 4	-0.34	-0.37	24.26	5.7814	-0.9945	0.0713
609	SLE RA 5	-0.34	-0.37	24.11	5.747	-0.9885	0.0713
609	SLE RA 6	-0.35	-0.39	24.47	5.8318	-1.0033	0.0715
609	SLE RA 7	-0.35	-0.38	24.48	5.8336	-1.0035	0.0721
609	SLE RA 8	-0.35	-0.39	24.32	5.796	-0.9971	0.0711
609	SLE RA 9	-0.35	-0.38	24.33	5.7979	-0.9974	0.0717
609	SLE RA 10	-0.34	-0.37	25.84	6.1611	-1.0595	0.0719
609	SLE RA 11	-0.35	-0.4	26.2	6.2459	-1.0743	0.0721
609	SLE RA 12	-0.35	-0.38	26.2	6.2477	-1.0746	0.0727
609	SLE RA 13	-0.35	-0.37	26.06	6.2132	-1.0686	0.0727
609	SLE RA 14	-0.35	-0.4	26.42	6.298	-1.0833	0.073
609	SLE RA 15	-0.35	-0.38	26.42	6.2999	-1.0836	0.0735
609	SLE RA 16	-0.35	-0.4	26.27	6.2623	-1.0772	0.0726
609	SLE RA 17	-0.35	-0.39	26.27	6.2641	-1.0774	0.0731
609	SLE RA 18	-0.35	-0.39	26.66	6.3579	-1.0934	0.0715
609	SLE RA 19	-0.35	-0.38	26.67	6.3597	-1.0937	0.0721
609	SLE RA 20	-0.35	-0.4	26.88	6.41	-1.1024	0.0724
609	SLE RA 21	-0.35	-0.38	26.89	6.4118	-1.1027	0.0729
609	SLE FR 1	-0.34	-0.39	23.88	5.6918	-0.9791	0.0695
609	SLE FR 2	-0.34	-0.38	23.88	5.6924	-0.9792	0.0697
609	SLE FR 3	-0.34	-0.39	23.97	5.7126	-0.9827	0.0698
609	SLE FR 4	-0.34	-0.38	24.72	5.8922	-1.0135	0.0703
609	SLE FR 5	-0.34	-0.39	24.8	5.9124	-1.017	0.0704
609	SLE FR 6	-0.34	-0.39	25.27	6.0248	-1.0362	0.0705
609	SLE QP 1	-0.34	-0.39	23.88	5.6918	-0.9791	0.0695
609	SLE QP 2	-0.34	-0.39	24.71	5.8916	-1.0134	0.0701
609	SLD 1	1.58	-0.26	26.52	6.2639	-1.0838	-0.4069
609	SLD 2	1.58	-0.4	26.57	6.278	-1.0858	-0.4117
609	SLD 3	1.6	-0.89	26.68	6.2918	-1.0908	-0.4321
609	SLD 4	1.6	-1.03	26.73	6.3059	-1.0928	-0.4369
609	SLD 5	0.21	0.64	25	5.9584	-1.0236	-0.0339
609	SLD 6	0.2	0.55	25.03	5.9677	-1.0249	-0.037
609	SLD 7	0.27	-1.48	25.55	6.0515	-1.0468	-0.1179
609	SLD 8	0.27	-1.57	25.58	6.0608	-1.0481	-0.1211
609	SLD 9	-0.95	0.79	23.85	5.7224	-0.9787	0.2613
609	SLD 10	-0.95	0.7	23.88	5.7317	-0.98	0.2581
609	SLD 11	-0.89	-1.32	24.4	5.8155	-1.0018	0.1772
609	SLD 12	-0.89	-1.41	24.43	5.8248	-1.0031	0.1741
609	SLD 13	-2.28	0.26	22.69	5.4772	-0.934	0.5771
609	SLD 14	-2.28	0.12	22.74	5.4913	-0.936	0.5723
609	SLD 15	-2.26	-0.38	22.86	5.5052	-0.9409	0.5519
609	SLD 16	-2.26	-0.52	22.91	5.5193	-0.9429	0.5471
609	SLV 1	4.15	-0.11	28.94	6.7641	-1.1785	-1.0467
609	SLV 2	4.14	-0.44	29.06	6.7969	-1.1832	-1.0578
609	SLV 3	4.2	-1.55	29.32	6.828	-1.1944	-1.104
609	SLV 4	4.19	-1.87	29.44	6.8609	-1.199	-1.1151
609	SLV 5	0.94	1.93	25.39	6.0506	-1.0381	-0.176
609	SLV 6	0.93	1.72	25.47	6.0719	-1.0411	-0.1833
609	SLV 7	1.09	-2.86	26.65	6.2638	-1.0909	-0.3671
609	SLV 8	1.09	-3.07	26.72	6.2851	-1.094	-0.3744
609	SLV 9	-1.77	2.29	22.71	5.4981	-0.9328	0.5146
609	SLV 10	-1.77	2.08	22.78	5.5193	-0.9358	0.5073
609	SLV 11	-1.62	-2.5	23.96	5.7113	-0.9857	0.3235
609	SLV 12	-1.62	-2.71	24.04	5.7325	-0.9887	0.3162
609	SLV 13	-4.87	1.1	19.99	4.9223	-0.8277	1.2553



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
609	SLV 14	-4.88	0.77	20.11	4.9551	-0.8324	1.2442
609	SLV 15	-4.83	-0.34	20.37	4.9863	-0.8436	1.198
609	SLV 16	-4.83	-0.66	20.48	5.0191	-0.8482	1.1869
609	CRTFP Ux+	0	0	0	0	0	0
609	CRTFP Ux-	0	0	0	0	0	0
609	CRTFP Uy+	0	0	0	0	0	0
609	CRTFP Uy-	0	0	0	0	0	0
611	SLU 1	-0.75	-0.88	58.04	0.0647	-0.2058	0.0243
611	SLU 2	-0.75	-0.78	58.08	0.0685	-0.206	0.0242
611	SLU 3	-0.77	-0.89	59.44	0.0658	-0.2108	0.025
611	SLU 4	-0.77	-0.83	59.46	0.0681	-0.2109	0.0249
611	SLU 5	-0.76	-0.8	58.91	0.0678	-0.2089	0.0246
611	SLU 6	-0.78	-0.9	60.27	0.0652	-0.2138	0.0253
611	SLU 7	-0.78	-0.85	60.29	0.0675	-0.2139	0.0253
611	SLU 8	-0.77	-0.9	59.71	0.0634	-0.2117	0.025
611	SLU 9	-0.77	-0.85	59.73	0.0657	-0.2118	0.0249
611	SLU 10	-0.76	-0.8	65.42	0.1036	-0.2334	0.0262
611	SLU 11	-0.78	-0.9	66.78	0.1009	-0.2382	0.027
611	SLU 12	-0.78	-0.85	66.8	0.1032	-0.2383	0.0269
611	SLU 13	-0.78	-0.81	66.25	0.1029	-0.2363	0.0265
611	SLU 14	-0.8	-0.92	67.62	0.1003	-0.2412	0.0273
611	SLU 15	-0.8	-0.86	67.64	0.1026	-0.2413	0.0272
611	SLU 16	-0.79	-0.92	67.05	0.0985	-0.2391	0.0269
611	SLU 17	-0.79	-0.86	67.07	0.1008	-0.2392	0.0269
611	SLU 18	-0.77	-0.9	68.53	0.1148	-0.2449	0.0271
611	SLU 19	-0.77	-0.84	68.55	0.1171	-0.245	0.0271
611	SLU 20	-0.79	-0.91	69.36	0.1142	-0.2479	0.0275
611	SLU 21	-0.79	-0.86	69.38	0.1165	-0.248	0.0274
611	SLU 22	-0.81	-0.85	65.07	0.1118	-0.2311	0.0275
611	SLU 23	-0.8	-0.76	65.1	0.1156	-0.2313	0.0275
611	SLU 24	-0.82	-0.86	66.47	0.1129	-0.2362	0.0282
611	SLU 25	-0.82	-0.81	66.49	0.1152	-0.2363	0.0282
611	SLU 26	-0.82	-0.78	65.93	0.1149	-0.2343	0.0278
611	SLU 27	-0.84	-0.88	67.3	0.1123	-0.2391	0.0285
611	SLU 28	-0.84	-0.82	67.32	0.1145	-0.2392	0.0285
611	SLU 29	-0.83	-0.88	66.73	0.1105	-0.237	0.0282
611	SLU 30	-0.83	-0.83	66.75	0.1127	-0.2371	0.0281
611	SLU 31	-0.82	-0.78	72.44	0.1507	-0.2587	0.0294
611	SLU 32	-0.84	-0.88	73.81	0.148	-0.2636	0.0302
611	SLU 33	-0.84	-0.82	73.83	0.1503	-0.2637	0.0301
611	SLU 34	-0.84	-0.79	73.28	0.15	-0.2616	0.0298
611	SLU 35	-0.86	-0.89	74.64	0.1474	-0.2665	0.0305
611	SLU 36	-0.86	-0.84	74.66	0.1497	-0.2666	0.0305
611	SLU 37	-0.85	-0.9	74.07	0.1456	-0.2644	0.0302
611	SLU 38	-0.85	-0.84	74.1	0.1479	-0.2645	0.0301
611	SLU 39	-0.83	-0.87	75.56	0.1619	-0.2703	0.0304
611	SLU 40	-0.83	-0.82	75.58	0.1642	-0.2704	0.0303
611	SLU 41	-0.84	-0.89	76.39	0.1613	-0.2732	0.0307
611	SLU 42	-0.84	-0.83	76.41	0.1636	-0.2733	0.0306
611	SLU 43	-0.95	-1.15	73.05	0.0679	-0.2589	0.0305
611	SLU 44	-0.95	-1.05	73.08	0.0717	-0.259	0.0304
611	SLU 45	-0.97	-1.16	74.45	0.0691	-0.2639	0.0312
611	SLU 46	-0.97	-1.1	74.47	0.0714	-0.264	0.0311
611	SLU 47	-0.96	-1.07	73.91	0.0711	-0.262	0.0308
611	SLU 48	-0.98	-1.17	75.28	0.0684	-0.2668	0.0315
611	SLU 49	-0.98	-1.12	75.3	0.0707	-0.2669	0.0315
611	SLU 50	-0.98	-1.17	74.71	0.0666	-0.2647	0.0312
611	SLU 51	-0.98	-1.12	74.73	0.0689	-0.2648	0.0311
611	SLU 52	-0.97	-1.07	80.42	0.1069	-0.2864	0.0324
611	SLU 53	-0.99	-1.17	81.79	0.1042	-0.2913	0.0332
611	SLU 54	-0.99	-1.12	81.81	0.1065	-0.2914	0.0331
611	SLU 55	-0.98	-1.08	81.26	0.1062	-0.2894	0.0327
611	SLU 56	-1	-1.19	82.62	0.1035	-0.2942	0.0335
611	SLU 57	-1	-1.13	82.64	0.1058	-0.2943	0.0334
611	SLU 58	-1	-1.19	82.05	0.1017	-0.2921	0.0331
611	SLU 59	-1	-1.13	82.07	0.104	-0.2922	0.0331
611	SLU 60	-0.98	-1.17	83.54	0.1181	-0.298	0.0333
611	SLU 61	-0.98	-1.11	83.56	0.1204	-0.2981	0.0333
611	SLU 62	-0.99	-1.18	84.37	0.1174	-0.3009	0.0337
611	SLU 63	-0.99	-1.13	84.39	0.1197	-0.301	0.0336
611	SLU 64	-1.01	-1.12	80.07	0.115	-0.2842	0.0337
611	SLU 65	-1.01	-1.03	80.11	0.1188	-0.2844	0.0337
611	SLU 66	-1.03	-1.13	81.47	0.1162	-0.2892	0.0344
611	SLU 67	-1.03	-1.08	81.49	0.1185	-0.2893	0.0344
611	SLU 68	-1.02	-1.05	80.94	0.1182	-0.2873	0.034
611	SLU 69	-1.04	-1.15	82.3	0.1155	-0.2922	0.0347
611	SLU 70	-1.04	-1.09	82.32	0.1178	-0.2923	0.0347
611	SLU 71	-1.04	-1.15	81.74	0.1137	-0.2901	0.0344
611	SLU 72	-1.04	-1.1	81.76	0.116	-0.2902	0.0343
611	SLU 73	-1.03	-1.05	87.45	0.1539	-0.3118	0.0356
611	SLU 74	-1.05	-1.15	88.81	0.1513	-0.3166	0.0364
611	SLU 75	-1.05	-1.09	88.83	0.1536	-0.3167	0.0363
611	SLU 76	-1.04	-1.06	88.28	0.1533	-0.3147	0.0359
611	SLU 77	-1.06	-1.16	89.65	0.1506	-0.3195	0.0367
611	SLU 78	-1.06	-1.11	89.67	0.1529	-0.3197	0.0367
611	SLU 79	-1.05	-1.17	89.08	0.1488	-0.3174	0.0364
611	SLU 80	-1.05	-1.11	89.1	0.1511	-0.3176	0.0363
611	SLU 81	-1.04	-1.15	90.56	0.1652	-0.3233	0.0365
611	SLU 82	-1.03	-1.09	90.58	0.1675	-0.3234	0.0365



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
611	SLU 83	-1.05	-1.16	91.39	0.1645	-0.3262	0.0369
611	SLU 84	-1.05	-1.1	91.41	0.1668	-0.3264	0.0368
611	SLE RA 1	-0.76	-0.87	60.05	0.0781	-0.213	0.0252
611	SLE RA 2	-0.76	-0.81	60.07	0.0807	-0.2132	0.0252
611	SLE RA 3	-0.78	-0.88	60.98	0.0789	-0.2164	0.0257
611	SLE RA 4	-0.78	-0.84	61	0.0804	-0.2165	0.0257
611	SLE RA 5	-0.77	-0.82	60.63	0.0802	-0.2151	0.0254
611	SLE RA 6	-0.78	-0.89	61.54	0.0785	-0.2183	0.0259
611	SLE RA 7	-0.78	-0.85	61.55	0.08	-0.2184	0.0259
611	SLE RA 8	-0.78	-0.89	61.16	0.0773	-0.2169	0.0257
611	SLE RA 9	-0.78	-0.85	61.17	0.0788	-0.217	0.0256
611	SLE RA 10	-0.78	-0.82	64.97	0.1041	-0.2314	0.0265
611	SLE RA 11	-0.79	-0.89	65.88	0.1023	-0.2347	0.027
611	SLE RA 12	-0.79	-0.85	65.89	0.1038	-0.2347	0.027
611	SLE RA 13	-0.78	-0.83	65.52	0.1036	-0.2334	0.0267
611	SLE RA 14	-0.8	-0.9	66.43	0.1019	-0.2366	0.0272
611	SLE RA 15	-0.8	-0.86	66.45	0.1034	-0.2367	0.0272
611	SLE RA 16	-0.79	-0.9	66.05	0.1007	-0.2352	0.027
611	SLE RA 17	-0.79	-0.86	66.07	0.1022	-0.2353	0.027
611	SLE RA 18	-0.78	-0.88	67.04	0.1116	-0.2391	0.0271
611	SLE RA 19	-0.78	-0.85	67.06	0.1131	-0.2392	0.0271
611	SLE RA 20	-0.79	-0.89	67.6	0.1111	-0.2411	0.0273
611	SLE RA 21	-0.79	-0.86	67.61	0.1127	-0.2412	0.0273
611	SLE FR 1	-0.76	-0.87	60.05	0.0781	-0.213	0.0252
611	SLE FR 2	-0.76	-0.86	60.05	0.0786	-0.2131	0.0252
611	SLE FR 3	-0.77	-0.87	60.27	0.078	-0.2138	0.0253
611	SLE FR 4	-0.77	-0.86	62.15	0.0887	-0.2209	0.0258
611	SLE FR 5	-0.77	-0.88	62.37	0.088	-0.2216	0.0259
611	SLE FR 6	-0.77	-0.88	63.55	0.0949	-0.2261	0.0262
611	SLE QP 1	-0.76	-0.87	60.05	0.0781	-0.213	0.0252
611	SLE QP 2	-0.77	-0.87	62.15	0.0882	-0.2209	0.0258
611	SLD 1	4.05	-0.51	66.12	0.146	-0.214	0.0161
611	SLD 2	4.06	-0.83	66.23	0.1502	-0.2141	0.0193
611	SLD 3	4.1	-2.09	66.59	0.1112	-0.2163	0.0112
611	SLD 4	4.11	-2.41	66.7	0.1154	-0.2165	0.0145
611	SLD 5	0.6	1.7	62.6	0.1575	-0.2152	0.0297
611	SLD 6	0.61	1.48	62.67	0.1603	-0.2153	0.0318
611	SLD 7	0.77	-3.58	64.18	0.0415	-0.223	0.0135
611	SLD 8	0.77	-3.79	64.25	0.0443	-0.2232	0.0156
611	SLD 9	-2.31	2.05	60.04	0.132	-0.2186	0.036
611	SLD 10	-2.3	1.83	60.12	0.1348	-0.2187	0.0381
611	SLD 11	-2.15	-3.23	61.62	0.016	-0.2264	0.0198
611	SLD 12	-2.14	-3.44	61.69	0.0188	-0.2265	0.022
611	SLD 13	-5.65	0.66	57.59	0.0609	-0.2252	0.0371
611	SLD 14	-5.64	0.34	57.71	0.0652	-0.2254	0.0404
611	SLD 15	-5.6	-0.92	58.07	0.0261	-0.2276	0.0323
611	SLD 16	-5.59	-1.24	58.18	0.0304	-0.2278	0.0356
611	SLV 1	10.51	-0.07	71.45	0.2244	-0.2047	0.0027
611	SLV 2	10.54	-0.83	71.71	0.2342	-0.2051	0.0104
611	SLV 3	10.63	-3.66	72.53	0.1454	-0.2102	-0.0083
611	SLV 4	10.65	-4.41	72.79	0.1553	-0.2106	-0.0006
611	SLV 5	2.44	4.94	63.26	0.2471	-0.2077	0.0343
611	SLV 6	2.46	4.45	63.43	0.2534	-0.208	0.0392
611	SLV 7	2.82	-7.02	66.85	-0.0161	-0.2259	-0.0025
611	SLV 8	2.83	-7.51	67.02	-0.0097	-0.2261	0.0025
611	SLV 9	-4.37	5.76	57.27	0.1861	-0.2156	0.0491
611	SLV 10	-4.36	5.27	57.44	0.1925	-0.2159	0.0541
611	SLV 11	-3.99	-6.2	60.87	-0.0771	-0.2338	0.0124
611	SLV 12	-3.98	-6.68	61.04	-0.0707	-0.2341	0.0173
611	SLV 13	-12.19	2.67	51.5	0.0211	-0.2311	0.0522
611	SLV 14	-12.17	1.91	51.76	0.0309	-0.2316	0.0599
611	SLV 15	-12.08	-0.92	52.58	-0.0579	-0.2366	0.0412
611	SLV 16	-12.05	-1.68	52.84	-0.048	-0.237	0.0489
611	CRTFP Ux+	0	0	0	0	0	0
611	CRTFP Ux-	0	0	0	0	0	0
611	CRTFP Uy+	0	0	0	0	0	0
611	CRTFP Uy-	0	0	0	0	0	0
612	SLU 1	-0.71	-0.73	59.42	-0.1904	-0.0087	0.0353
612	SLU 2	-0.71	-0.64	59.45	-0.1868	-0.0088	0.0346
612	SLU 3	-0.72	-0.73	60.85	-0.1957	-0.0089	0.0362
612	SLU 4	-0.72	-0.68	60.87	-0.1936	-0.009	0.0358
612	SLU 5	-0.72	-0.65	60.31	-0.1912	-0.0089	0.0351
612	SLU 6	-0.74	-0.75	61.7	-0.2001	-0.009	0.0367
612	SLU 7	-0.74	-0.69	61.72	-0.1979	-0.0091	0.0363
612	SLU 8	-0.73	-0.75	61.12	-0.1992	-0.0088	0.0363
612	SLU 9	-0.73	-0.7	61.14	-0.197	-0.0089	0.0359
612	SLU 10	-0.72	-0.64	67.02	-0.1843	-0.0116	0.0374
612	SLU 11	-0.74	-0.74	68.42	-0.1933	-0.0118	0.0389
612	SLU 12	-0.74	-0.68	68.44	-0.1911	-0.0119	0.0386
612	SLU 13	-0.73	-0.65	67.87	-0.1887	-0.0117	0.0379
612	SLU 14	-0.75	-0.75	69.27	-0.1977	-0.0119	0.0394
612	SLU 15	-0.75	-0.69	69.29	-0.1955	-0.012	0.0391
612	SLU 16	-0.75	-0.75	68.69	-0.1967	-0.0117	0.039
612	SLU 17	-0.75	-0.7	68.71	-0.1945	-0.0118	0.0386
612	SLU 18	-0.73	-0.73	70.23	-0.1869	-0.0128	0.0392
612	SLU 19	-0.73	-0.68	70.25	-0.1847	-0.0128	0.0388
612	SLU 20	-0.74	-0.74	71.08	-0.1913	-0.0129	0.0397
612	SLU 21	-0.74	-0.69	71.1	-0.1891	-0.0129	0.0393
612	SLU 22	-0.76	-0.69	66.63	-0.173	-0.0106	0.0393



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
612	SLU 23	-0.76	-0.6	66.67	-0.1694	-0.0107	0.0387
612	SLU 24	-0.78	-0.69	68.07	-0.1783	-0.0108	0.0402
612	SLU 25	-0.78	-0.64	68.09	-0.1761	-0.0109	0.0398
612	SLU 26	-0.77	-0.61	67.52	-0.1737	-0.0108	0.0392
612	SLU 27	-0.79	-0.7	68.92	-0.1827	-0.0109	0.0407
612	SLU 28	-0.79	-0.65	68.94	-0.1805	-0.0111	0.0403
612	SLU 29	-0.79	-0.71	68.33	-0.1818	-0.0107	0.0403
612	SLU 30	-0.79	-0.66	68.36	-0.1796	-0.0108	0.0399
612	SLU 31	-0.78	-0.6	74.24	-0.1669	-0.0135	0.0414
612	SLU 32	-0.79	-0.69	75.63	-0.1758	-0.0137	0.043
612	SLU 33	-0.79	-0.64	75.66	-0.1737	-0.0138	0.0426
612	SLU 34	-0.79	-0.61	75.09	-0.1713	-0.0136	0.0419
612	SLU 35	-0.81	-0.71	76.49	-0.1802	-0.0138	0.0435
612	SLU 36	-0.81	-0.65	76.51	-0.178	-0.0139	0.0431
612	SLU 37	-0.8	-0.71	75.9	-0.1793	-0.0136	0.043
612	SLU 38	-0.8	-0.66	75.93	-0.1771	-0.0137	0.0427
612	SLU 39	-0.78	-0.69	77.44	-0.1695	-0.0147	0.0432
612	SLU 40	-0.78	-0.64	77.47	-0.1673	-0.0147	0.0428
612	SLU 41	-0.8	-0.7	78.3	-0.1739	-0.0148	0.0437
612	SLU 42	-0.8	-0.65	78.32	-0.1717	-0.0148	0.0433
612	SLU 43	-0.9	-0.96	74.77	-0.2535	-0.0106	0.0445
612	SLU 44	-0.9	-0.87	74.81	-0.2499	-0.0107	0.0439
612	SLU 45	-0.92	-0.97	76.2	-0.2588	-0.0109	0.0454
612	SLU 46	-0.92	-0.91	76.22	-0.2567	-0.0111	0.045
612	SLU 47	-0.91	-0.88	75.66	-0.2543	-0.0108	0.0444
612	SLU 48	-0.93	-0.98	77.05	-0.2632	-0.0111	0.0459
612	SLU 49	-0.93	-0.92	77.08	-0.261	-0.0111	0.0455
612	SLU 50	-0.93	-0.98	76.47	-0.2623	-0.0108	0.0455
612	SLU 51	-0.93	-0.93	76.49	-0.2601	-0.0108	0.0451
612	SLU 52	-0.91	-0.87	82.37	-0.2474	-0.0136	0.0466
612	SLU 53	-0.93	-0.97	83.77	-0.2564	-0.0138	0.0481
612	SLU 54	-0.93	-0.91	83.79	-0.2542	-0.0138	0.0478
612	SLU 55	-0.93	-0.88	83.23	-0.2518	-0.0137	0.0471
612	SLU 56	-0.95	-0.98	84.62	-0.2608	-0.0139	0.0486
612	SLU 57	-0.95	-0.93	84.65	-0.2586	-0.0139	0.0483
612	SLU 58	-0.94	-0.99	84.04	-0.2598	-0.0137	0.0482
612	SLU 59	-0.94	-0.93	84.06	-0.2576	-0.0137	0.0478
612	SLU 60	-0.92	-0.96	85.58	-0.25	-0.0147	0.0484
612	SLU 61	-0.92	-0.91	85.6	-0.2478	-0.0148	0.048
612	SLU 62	-0.93	-0.98	86.43	-0.2544	-0.0148	0.0489
612	SLU 63	-0.93	-0.92	86.45	-0.2522	-0.0149	0.0485
612	SLU 64	-0.95	-0.92	81.98	-0.2361	-0.0125	0.0485
612	SLU 65	-0.95	-0.83	82.02	-0.2325	-0.0126	0.0479
612	SLU 66	-0.97	-0.92	83.42	-0.2414	-0.0128	0.0494
612	SLU 67	-0.97	-0.87	83.44	-0.2392	-0.0129	0.049
612	SLU 68	-0.97	-0.84	82.87	-0.2368	-0.0127	0.0484
612	SLU 69	-0.98	-0.94	84.27	-0.2458	-0.0129	0.0499
612	SLU 70	-0.99	-0.88	84.29	-0.2436	-0.0129	0.0495
612	SLU 71	-0.98	-0.94	83.69	-0.2449	-0.0127	0.0495
612	SLU 72	-0.98	-0.89	83.71	-0.2427	-0.0127	0.0491
612	SLU 73	-0.97	-0.83	89.59	-0.23	-0.0155	0.0506
612	SLU 74	-0.99	-0.93	90.99	-0.2389	-0.0157	0.0522
612	SLU 75	-0.99	-0.87	91.01	-0.2368	-0.0157	0.0518
612	SLU 76	-0.98	-0.84	90.44	-0.2344	-0.0156	0.0511
612	SLU 77	-1	-0.94	91.84	-0.2433	-0.0158	0.0527
612	SLU 78	-1	-0.89	91.86	-0.2411	-0.0158	0.0523
612	SLU 79	-1	-0.95	91.25	-0.2424	-0.0156	0.0522
612	SLU 80	-1	-0.89	91.28	-0.2402	-0.0156	0.0519
612	SLU 81	-0.98	-0.92	92.8	-0.2326	-0.0166	0.0524
612	SLU 82	-0.98	-0.87	92.82	-0.2304	-0.0167	0.052
612	SLU 83	-0.99	-0.93	93.65	-0.237	-0.0167	0.0529
612	SLU 84	-0.99	-0.88	93.67	-0.2348	-0.0168	0.0525
612	SLE RA 1	-0.72	-0.72	61.48	-0.1854	-0.0092	0.0364
612	SLE RA 2	-0.72	-0.66	61.5	-0.183	-0.0093	0.036
612	SLE RA 3	-0.73	-0.72	62.43	-0.189	-0.0094	0.037
612	SLE RA 4	-0.73	-0.68	62.45	-0.1875	-0.0094	0.0368
612	SLE RA 5	-0.73	-0.66	62.07	-0.1859	-0.0093	0.0363
612	SLE RA 6	-0.74	-0.73	63	-0.1919	-0.0095	0.0374
612	SLE RA 7	-0.74	-0.69	63.02	-0.1905	-0.0095	0.0371
612	SLE RA 8	-0.74	-0.73	62.61	-0.1913	-0.0093	0.0371
612	SLE RA 9	-0.74	-0.7	62.63	-0.1898	-0.0094	0.0368
612	SLE RA 10	-0.73	-0.66	66.55	-0.1814	-0.0112	0.0378
612	SLE RA 11	-0.74	-0.72	67.48	-0.1873	-0.0113	0.0389
612	SLE RA 12	-0.74	-0.69	67.5	-0.1859	-0.0114	0.0386
612	SLE RA 13	-0.74	-0.67	67.12	-0.1843	-0.0113	0.0382
612	SLE RA 14	-0.75	-0.73	68.05	-0.1903	-0.0114	0.0392
612	SLE RA 15	-0.75	-0.69	68.06	-0.1888	-0.0114	0.0389
612	SLE RA 16	-0.75	-0.73	67.66	-0.1896	-0.0112	0.0389
612	SLE RA 17	-0.75	-0.7	67.67	-0.1882	-0.0113	0.0387
612	SLE RA 18	-0.74	-0.72	68.69	-0.1831	-0.012	0.039
612	SLE RA 19	-0.74	-0.68	68.7	-0.1816	-0.012	0.0388
612	SLE RA 20	-0.75	-0.73	69.25	-0.186	-0.012	0.0394
612	SLE RA 21	-0.75	-0.69	69.27	-0.1846	-0.0121	0.0391
612	SLE FR 1	-0.72	-0.72	61.48	-0.1854	-0.0092	0.0364
612	SLE FR 2	-0.72	-0.7	61.48	-0.185	-0.0092	0.0363
612	SLE FR 3	-0.73	-0.72	61.71	-0.1866	-0.0092	0.0366
612	SLE FR 4	-0.73	-0.7	63.65	-0.1843	-0.01	0.0371
612	SLE FR 5	-0.73	-0.72	63.87	-0.1859	-0.0101	0.0373
612	SLE FR 6	-0.73	-0.72	65.08	-0.1843	-0.0106	0.0377



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
612	SLE QP 1	-0.72	-0.72	61.48	-0.1854	-0.0092	0.0364
612	SLE QP 2	-0.73	-0.72	63.64	-0.1847	-0.01	0.0372
612	SLD 1	4.19	-0.27	66.94	-0.1105	0.0157	0.0528
612	SLD 2	4.2	-0.58	67.05	-0.1089	0.016	0.0566
612	SLD 3	4.24	-1.88	67.42	-0.152	0.0172	0.0538
612	SLD 4	4.25	-2.19	67.52	-0.1504	0.0175	0.0576
612	SLD 5	0.67	1.91	63.89	-0.0998	-0.0047	0.0398
612	SLD 6	0.68	1.71	63.96	-0.0988	-0.0045	0.0423
612	SLD 7	0.83	-3.45	65.47	-0.2381	0.0004	0.0429
612	SLD 8	0.84	-3.65	65.54	-0.2371	0.0006	0.0454
612	SLD 9	-2.3	2.22	61.74	-0.1324	-0.0207	0.029
612	SLD 10	-2.29	2.01	61.81	-0.1314	-0.0205	0.0315
612	SLD 11	-2.13	-3.14	63.32	-0.2707	-0.0156	0.0321
612	SLD 12	-2.12	-3.34	63.39	-0.2697	-0.0154	0.0346
612	SLD 13	-5.7	0.75	59.76	-0.219	-0.0376	0.0168
612	SLD 14	-5.69	0.44	59.87	-0.2175	-0.0373	0.0206
612	SLD 15	-5.65	-0.85	60.23	-0.2605	-0.0361	0.0178
612	SLD 16	-5.64	-1.16	60.34	-0.259	-0.0358	0.0216
612	SLV 1	10.77	0.27	71.38	-0.01	0.0502	0.0738
612	SLV 2	10.79	-0.45	71.63	-0.0065	0.0509	0.0827
612	SLV 3	10.88	-3.37	72.47	-0.1042	0.0537	0.076
612	SLV 4	10.91	-4.09	72.71	-0.1006	0.0544	0.0849
612	SLV 5	2.55	5.23	64.28	0.0098	0.0026	0.0433
612	SLV 6	2.56	4.76	64.44	0.0121	0.0031	0.0491
612	SLV 7	2.92	-6.91	67.89	-0.304	0.0143	0.0506
612	SLV 8	2.94	-7.38	68.05	-0.3017	0.0147	0.0564
612	SLV 9	-4.39	5.95	59.23	-0.0678	-0.0348	0.0181
612	SLV 10	-4.38	5.48	59.39	-0.0655	-0.0343	0.0238
612	SLV 11	-4.01	-6.2	62.84	-0.3816	-0.0231	0.0254
612	SLV 12	-4	-6.66	63	-0.3793	-0.0227	0.0311
612	SLV 13	-12.36	2.66	54.57	-0.2689	-0.0745	-0.0104
612	SLV 14	-12.34	1.94	54.82	-0.2653	-0.0738	-0.0016
612	SLV 15	-12.25	-0.98	55.65	-0.363	-0.071	-0.0082
612	SLV 16	-12.22	-1.7	55.9	-0.3594	-0.0703	0.0006
612	CRTFP Ux+	0	0	0	0	0	0
612	CRTFP Ux-	0	0	0	0	0	0
612	CRTFP Uy+	0	0	0	0	0	0
612	CRTFP Uy-	0	0	0	0	0	0
613	SLU 1	-0.66	-0.52	59.6	-0.2297	-0.0027	0.0408
613	SLU 2	-0.66	-0.43	59.64	-0.2261	-0.0028	0.04
613	SLU 3	-0.67	-0.52	61.04	-0.2363	-0.0029	0.0419
613	SLU 4	-0.67	-0.47	61.07	-0.2342	-0.0029	0.0414
613	SLU 5	-0.67	-0.44	60.49	-0.2311	-0.0028	0.0406
613	SLU 6	-0.69	-0.53	61.9	-0.2413	-0.0029	0.0425
613	SLU 7	-0.69	-0.48	61.92	-0.2392	-0.0029	0.042
613	SLU 8	-0.68	-0.54	61.31	-0.2397	-0.0027	0.042
613	SLU 9	-0.68	-0.49	61.33	-0.2375	-0.0028	0.0415
613	SLU 10	-0.67	-0.42	67.29	-0.2304	-0.0049	0.0432
613	SLU 11	-0.69	-0.51	68.69	-0.2406	-0.0049	0.045
613	SLU 12	-0.69	-0.46	68.71	-0.2385	-0.005	0.0445
613	SLU 13	-0.68	-0.43	68.14	-0.2354	-0.0049	0.0438
613	SLU 14	-0.7	-0.52	69.54	-0.2456	-0.0049	0.0456
613	SLU 15	-0.7	-0.46	69.57	-0.2435	-0.005	0.0451
613	SLU 16	-0.69	-0.52	68.96	-0.2439	-0.0048	0.0451
613	SLU 17	-0.69	-0.47	68.98	-0.2418	-0.0049	0.0447
613	SLU 18	-0.67	-0.5	70.53	-0.2358	-0.0057	0.0453
613	SLU 19	-0.67	-0.45	70.55	-0.2336	-0.0057	0.0448
613	SLU 20	-0.69	-0.51	71.38	-0.2408	-0.0057	0.0459
613	SLU 21	-0.69	-0.46	71.4	-0.2386	-0.0057	0.0454
613	SLU 22	-0.71	-0.45	66.87	-0.2172	-0.0039	0.0454
613	SLU 23	-0.71	-0.37	66.91	-0.2136	-0.004	0.0447
613	SLU 24	-0.72	-0.46	68.31	-0.2239	-0.004	0.0465
613	SLU 25	-0.72	-0.4	68.33	-0.2217	-0.004	0.046
613	SLU 26	-0.72	-0.38	67.76	-0.2186	-0.004	0.0453
613	SLU 27	-0.74	-0.47	69.16	-0.2289	-0.004	0.0471
613	SLU 28	-0.74	-0.41	69.18	-0.2267	-0.004	0.0466
613	SLU 29	-0.73	-0.47	68.57	-0.2272	-0.0039	0.0466
613	SLU 30	-0.73	-0.42	68.6	-0.225	-0.0039	0.0462
613	SLU 31	-0.72	-0.36	74.55	-0.2179	-0.006	0.0478
613	SLU 32	-0.74	-0.44	75.95	-0.2281	-0.006	0.0496
613	SLU 33	-0.74	-0.39	75.98	-0.226	-0.0061	0.0492
613	SLU 34	-0.73	-0.36	75.41	-0.2229	-0.006	0.0484
613	SLU 35	-0.75	-0.45	76.81	-0.2331	-0.006	0.0502
613	SLU 36	-0.75	-0.4	76.83	-0.231	-0.0061	0.0498
613	SLU 37	-0.74	-0.46	76.22	-0.2315	-0.0059	0.0498
613	SLU 38	-0.74	-0.41	76.24	-0.2293	-0.006	0.0493
613	SLU 39	-0.72	-0.44	77.79	-0.2233	-0.0068	0.0499
613	SLU 40	-0.73	-0.38	77.82	-0.2211	-0.0069	0.0495
613	SLU 41	-0.74	-0.44	78.64	-0.2283	-0.0068	0.0505
613	SLU 42	-0.74	-0.39	78.67	-0.2262	-0.0069	0.05
613	SLU 43	-0.84	-0.7	74.99	-0.3028	-0.0032	0.0515
613	SLU 44	-0.84	-0.61	75.03	-0.2993	-0.0033	0.0507
613	SLU 45	-0.85	-0.7	76.43	-0.3095	-0.0033	0.0525
613	SLU 46	-0.85	-0.65	76.46	-0.3074	-0.0033	0.0521
613	SLU 47	-0.85	-0.62	75.89	-0.3043	-0.0033	0.0513
613	SLU 48	-0.87	-0.71	77.29	-0.3145	-0.0033	0.0531
613	SLU 49	-0.87	-0.66	77.31	-0.3124	-0.0033	0.0527
613	SLU 50	-0.86	-0.72	76.7	-0.3128	-0.0032	0.0527
613	SLU 51	-0.86	-0.66	76.72	-0.3107	-0.0032	0.0522



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
613	SLU 52	-0.85	-0.6	82.68	-0.3035	-0.0053	0.0538
613	SLU 53	-0.86	-0.69	84.08	-0.3138	-0.0053	0.0557
613	SLU 54	-0.87	-0.63	84.1	-0.3116	-0.0054	0.0552
613	SLU 55	-0.86	-0.61	83.53	-0.3085	-0.0053	0.0544
613	SLU 56	-0.88	-0.69	84.93	-0.3188	-0.0053	0.0563
613	SLU 57	-0.88	-0.64	84.96	-0.3166	-0.0054	0.0558
613	SLU 58	-0.87	-0.7	84.35	-0.3171	-0.0052	0.0558
613	SLU 59	-0.87	-0.65	84.37	-0.315	-0.0053	0.0553
613	SLU 60	-0.85	-0.68	85.92	-0.3089	-0.0061	0.056
613	SLU 61	-0.85	-0.63	85.94	-0.3068	-0.0062	0.0555
613	SLU 62	-0.87	-0.69	86.77	-0.3139	-0.0061	0.0565
613	SLU 63	-0.87	-0.64	86.79	-0.3118	-0.0062	0.0561
613	SLU 64	-0.89	-0.63	82.26	-0.2904	-0.0043	0.0561
613	SLU 65	-0.89	-0.55	82.3	-0.2868	-0.0044	0.0553
613	SLU 66	-0.9	-0.63	83.7	-0.297	-0.0044	0.0572
613	SLU 67	-0.9	-0.58	83.72	-0.2949	-0.0045	0.0567
613	SLU 68	-0.9	-0.56	83.15	-0.2918	-0.0044	0.0559
613	SLU 69	-0.92	-0.64	84.55	-0.302	-0.0044	0.0578
613	SLU 70	-0.92	-0.59	84.57	-0.2999	-0.0045	0.0573
613	SLU 71	-0.91	-0.65	83.96	-0.3004	-0.0043	0.0573
613	SLU 72	-0.91	-0.6	83.99	-0.2982	-0.0044	0.0568
613	SLU 73	-0.9	-0.53	89.94	-0.2911	-0.0064	0.0585
613	SLU 74	-0.92	-0.62	91.34	-0.3013	-0.0065	0.0603
613	SLU 75	-0.92	-0.57	91.37	-0.2992	-0.0065	0.0598
613	SLU 76	-0.91	-0.54	90.8	-0.2961	-0.0064	0.059
613	SLU 77	-0.93	-0.63	92.2	-0.3063	-0.0065	0.0609
613	SLU 78	-0.93	-0.58	92.22	-0.3042	-0.0065	0.0604
613	SLU 79	-0.92	-0.64	91.61	-0.3046	-0.0064	0.0604
613	SLU 80	-0.92	-0.59	91.63	-0.3025	-0.0064	0.0599
613	SLU 81	-0.9	-0.61	93.18	-0.2965	-0.0072	0.0606
613	SLU 82	-0.9	-0.56	93.21	-0.2943	-0.0073	0.0601
613	SLU 83	-0.92	-0.62	94.03	-0.3015	-0.0072	0.0612
613	SLU 84	-0.92	-0.57	94.06	-0.2993	-0.0073	0.0607
613	SLE RA 1	-0.67	-0.5	61.68	-0.2261	-0.0031	0.0421
613	SLE RA 2	-0.67	-0.44	61.7	-0.2237	-0.0031	0.0416
613	SLE RA 3	-0.68	-0.5	62.64	-0.2305	-0.0031	0.0428
613	SLE RA 4	-0.68	-0.47	62.65	-0.2291	-0.0032	0.0425
613	SLE RA 5	-0.68	-0.45	62.27	-0.227	-0.0031	0.042
613	SLE RA 6	-0.69	-0.51	63.21	-0.2339	-0.0031	0.0432
613	SLE RA 7	-0.69	-0.47	63.22	-0.2324	-0.0032	0.0429
613	SLE RA 8	-0.69	-0.51	62.81	-0.2328	-0.0031	0.0429
613	SLE RA 9	-0.69	-0.48	62.83	-0.2313	-0.0031	0.0426
613	SLE RA 10	-0.68	-0.43	66.8	-0.2266	-0.0045	0.0437
613	SLE RA 11	-0.69	-0.49	67.74	-0.2334	-0.0045	0.0449
613	SLE RA 12	-0.69	-0.46	67.75	-0.232	-0.0045	0.0446
613	SLE RA 13	-0.69	-0.44	67.37	-0.2299	-0.0045	0.0441
613	SLE RA 14	-0.7	-0.5	68.3	-0.2367	-0.0045	0.0453
613	SLE RA 15	-0.7	-0.46	68.32	-0.2353	-0.0045	0.045
613	SLE RA 16	-0.7	-0.5	67.91	-0.2356	-0.0044	0.045
613	SLE RA 17	-0.7	-0.47	67.93	-0.2342	-0.0045	0.0447
613	SLE RA 18	-0.68	-0.49	68.96	-0.2302	-0.005	0.0451
613	SLE RA 19	-0.68	-0.45	68.98	-0.2287	-0.0051	0.0448
613	SLE RA 20	-0.69	-0.49	69.53	-0.2335	-0.005	0.0455
613	SLE RA 21	-0.69	-0.46	69.55	-0.2321	-0.0051	0.0452
613	SLE FR 1	-0.67	-0.5	61.68	-0.2261	-0.0031	0.0421
613	SLE FR 2	-0.67	-0.49	61.68	-0.2256	-0.0031	0.042
613	SLE FR 3	-0.67	-0.5	61.9	-0.2274	-0.0031	0.0423
613	SLE FR 4	-0.68	-0.49	63.87	-0.2268	-0.0037	0.0429
613	SLE FR 5	-0.68	-0.5	64.09	-0.2286	-0.0036	0.0432
613	SLE FR 6	-0.68	-0.49	65.32	-0.2281	-0.004	0.0436
613	SLE QP 1	-0.67	-0.5	61.68	-0.2261	-0.0031	0.0421
613	SLE QP 2	-0.68	-0.5	63.86	-0.2273	-0.0036	0.043
613	SLD 1	4.24	0.04	66.29	-0.1344	0.0254	0.0619
613	SLD 2	4.25	-0.25	66.38	-0.1349	0.0258	0.0652
613	SLD 3	4.29	-1.57	66.72	-0.1807	0.0273	0.0611
613	SLD 4	4.3	-1.86	66.82	-0.1812	0.0277	0.0644
613	SLD 5	0.72	2.15	63.91	-0.129	0.0021	0.0493
613	SLD 6	0.73	1.96	63.97	-0.1294	0.0024	0.0515
613	SLD 7	0.88	-3.2	65.37	-0.2835	0.0085	0.0466
613	SLD 8	0.89	-3.39	65.43	-0.2839	0.0087	0.0488
613	SLD 9	-2.24	2.4	62.29	-0.1707	-0.016	0.0373
613	SLD 10	-2.24	2.21	62.35	-0.1711	-0.0158	0.0394
613	SLD 11	-2.08	-2.95	63.76	-0.3252	-0.0097	0.0346
613	SLD 12	-2.07	-3.14	63.82	-0.3256	-0.0094	0.0367
613	SLD 13	-5.65	0.86	60.9	-0.2734	-0.035	0.0217
613	SLD 14	-5.64	0.57	61	-0.2739	-0.0346	0.025
613	SLD 15	-5.6	-0.74	61.34	-0.3197	-0.0331	0.0209
613	SLD 16	-5.59	-1.03	61.44	-0.3203	-0.0327	0.0241
613	SLV 1	10.82	0.69	69.54	-0.0091	0.0645	0.0873
613	SLV 2	10.85	0.02	69.77	-0.0103	0.0653	0.0948
613	SLV 3	10.93	-2.94	70.55	-0.1142	0.0688	0.0854
613	SLV 4	10.96	-3.62	70.78	-0.1154	0.0697	0.0929
613	SLV 5	2.6	5.49	64	-0.0022	0.0101	0.0579
613	SLV 6	2.62	5.05	64.14	-0.003	0.0106	0.0628
613	SLV 7	2.97	-6.63	67.36	-0.3526	0.0245	0.0515
613	SLV 8	2.99	-7.07	67.5	-0.3534	0.0251	0.0564
613	SLV 9	-4.34	6.07	60.22	-0.1012	-0.0324	0.0297
613	SLV 10	-4.32	5.63	60.37	-0.102	-0.0318	0.0346
613	SLV 11	-3.97	-6.05	63.58	-0.4516	-0.0179	0.0233



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
613	SLV 12	-3.95	-6.49	63.73	-0.4524	-0.0174	0.0282
613	SLV 13	-12.31	2.63	56.95	-0.3392	-0.077	-0.0068
613	SLV 14	-12.28	1.95	57.17	-0.3404	-0.0761	0.0007
613	SLV 15	-12.2	-1.01	57.96	-0.4443	-0.0726	-0.0087
613	SLV 16	-12.17	-1.69	58.18	-0.4455	-0.0718	-0.0012
613	CRTFP Ux+	0	0	0	0	0	0
613	CRTFP Ux-	0	0	0	0	0	0
613	CRTFP Uy+	0	0	0	0	0	0
613	CRTFP Uy-	0	0	0	0	0	0
614	SLU 1	-0.61	-0.3	59.57	-0.2695	0.0048	0.0409
614	SLU 2	-0.61	-0.22	59.62	-0.266	0.0047	0.0401
614	SLU 3	-0.63	-0.29	61.01	-0.2775	0.0049	0.042
614	SLU 4	-0.63	-0.24	61.04	-0.2754	0.0048	0.0415
614	SLU 5	-0.62	-0.22	60.47	-0.2716	0.0048	0.0407
614	SLU 6	-0.64	-0.3	61.86	-0.2832	0.005	0.0426
614	SLU 7	-0.64	-0.25	61.89	-0.2811	0.0049	0.0421
614	SLU 8	-0.63	-0.31	61.27	-0.2808	0.005	0.0421
614	SLU 9	-0.63	-0.26	61.3	-0.2787	0.0049	0.0416
614	SLU 10	-0.62	-0.19	67.31	-0.2771	0.0038	0.0432
614	SLU 11	-0.64	-0.26	68.71	-0.2886	0.004	0.0451
614	SLU 12	-0.64	-0.21	68.73	-0.2865	0.0039	0.0446
614	SLU 13	-0.63	-0.19	68.16	-0.2827	0.0039	0.0438
614	SLU 14	-0.65	-0.27	69.56	-0.2942	0.0041	0.0457
614	SLU 15	-0.65	-0.22	69.59	-0.2921	0.004	0.0452
614	SLU 16	-0.64	-0.28	68.97	-0.2918	0.0041	0.0453
614	SLU 17	-0.64	-0.23	69	-0.2897	0.004	0.0448
614	SLU 18	-0.62	-0.25	70.57	-0.2853	0.0035	0.0454
614	SLU 19	-0.62	-0.2	70.59	-0.2832	0.0035	0.0449
614	SLU 20	-0.64	-0.26	71.42	-0.2909	0.0036	0.046
614	SLU 21	-0.64	-0.21	71.44	-0.2888	0.0036	0.0455
614	SLU 22	-0.66	-0.21	66.85	-0.262	0.0048	0.0457
614	SLU 23	-0.66	-0.13	66.9	-0.2585	0.0047	0.0448
614	SLU 24	-0.67	-0.2	68.3	-0.2701	0.0049	0.0467
614	SLU 25	-0.67	-0.15	68.32	-0.268	0.0048	0.0462
614	SLU 26	-0.67	-0.13	67.75	-0.2641	0.0048	0.0454
614	SLU 27	-0.68	-0.21	69.15	-0.2757	0.005	0.0473
614	SLU 28	-0.68	-0.16	69.17	-0.2736	0.0049	0.0468
614	SLU 29	-0.68	-0.22	68.56	-0.2733	0.005	0.0468
614	SLU 30	-0.68	-0.17	68.58	-0.2712	0.0049	0.0463
614	SLU 31	-0.67	-0.1	74.59	-0.2696	0.0038	0.0479
614	SLU 32	-0.68	-0.17	75.99	-0.2811	0.004	0.0499
614	SLU 33	-0.68	-0.12	76.02	-0.279	0.0039	0.0494
614	SLU 34	-0.68	-0.1	75.44	-0.2752	0.0039	0.0485
614	SLU 35	-0.69	-0.18	76.84	-0.2868	0.0041	0.0505
614	SLU 36	-0.69	-0.13	76.87	-0.2847	0.004	0.05
614	SLU 37	-0.69	-0.19	76.25	-0.2843	0.0041	0.05
614	SLU 38	-0.69	-0.14	76.28	-0.2822	0.004	0.0495
614	SLU 39	-0.67	-0.16	77.85	-0.2778	0.0035	0.0501
614	SLU 40	-0.67	-0.11	77.87	-0.2757	0.0035	0.0496
614	SLU 41	-0.68	-0.17	78.7	-0.2835	0.0036	0.0507
614	SLU 42	-0.68	-0.12	78.72	-0.2814	0.0036	0.0502
614	SLU 43	-0.78	-0.42	74.95	-0.3529	0.0062	0.0516
614	SLU 44	-0.78	-0.34	74.99	-0.3494	0.0061	0.0507
614	SLU 45	-0.79	-0.41	76.39	-0.3609	0.0063	0.0527
614	SLU 46	-0.79	-0.36	76.41	-0.3588	0.0063	0.0522
614	SLU 47	-0.79	-0.34	75.84	-0.355	0.0062	0.0513
614	SLU 48	-0.8	-0.42	77.24	-0.3666	0.0064	0.0533
614	SLU 49	-0.8	-0.37	77.26	-0.3645	0.0064	0.0528
614	SLU 50	-0.8	-0.43	76.65	-0.3642	0.0064	0.0528
614	SLU 51	-0.8	-0.38	76.68	-0.3621	0.0063	0.0523
614	SLU 52	-0.79	-0.31	82.69	-0.3605	0.0052	0.0539
614	SLU 53	-0.8	-0.38	84.08	-0.372	0.0054	0.0558
614	SLU 54	-0.8	-0.33	84.11	-0.3699	0.0054	0.0553
614	SLU 55	-0.8	-0.31	83.54	-0.3661	0.0053	0.0545
614	SLU 56	-0.81	-0.39	84.93	-0.3776	0.0055	0.0564
614	SLU 57	-0.81	-0.34	84.96	-0.3755	0.0055	0.0559
614	SLU 58	-0.81	-0.4	84.35	-0.3752	0.0055	0.0559
614	SLU 59	-0.81	-0.35	84.37	-0.3731	0.0055	0.0554
614	SLU 60	-0.79	-0.37	85.94	-0.3687	0.0049	0.0561
614	SLU 61	-0.79	-0.33	85.97	-0.3666	0.0049	0.0556
614	SLU 62	-0.8	-0.38	86.79	-0.3743	0.005	0.0567
614	SLU 63	-0.8	-0.33	86.82	-0.3722	0.005	0.0562
614	SLU 64	-0.82	-0.33	82.23	-0.3454	0.0062	0.0563
614	SLU 65	-0.83	-0.25	82.27	-0.3419	0.0061	0.0555
614	SLU 66	-0.84	-0.32	83.67	-0.3535	0.0063	0.0574
614	SLU 67	-0.84	-0.27	83.7	-0.3514	0.0063	0.0569
614	SLU 68	-0.84	-0.25	83.12	-0.3475	0.0062	0.0561
614	SLU 69	-0.85	-0.33	84.52	-0.3591	0.0064	0.058
614	SLU 70	-0.85	-0.28	84.55	-0.357	0.0063	0.0575
614	SLU 71	-0.85	-0.34	83.93	-0.3567	0.0064	0.0575
614	SLU 72	-0.85	-0.29	83.96	-0.3546	0.0063	0.057
614	SLU 73	-0.84	-0.22	89.97	-0.353	0.0052	0.0586
614	SLU 74	-0.85	-0.29	91.37	-0.3645	0.0054	0.0605
614	SLU 75	-0.85	-0.24	91.39	-0.3624	0.0054	0.06
614	SLU 76	-0.85	-0.22	90.82	-0.3586	0.0053	0.0592
614	SLU 77	-0.86	-0.3	92.22	-0.3702	0.0055	0.0611
614	SLU 78	-0.86	-0.25	92.24	-0.3681	0.0055	0.0606
614	SLU 79	-0.86	-0.31	91.63	-0.3678	0.0055	0.0606
614	SLU 80	-0.86	-0.26	91.65	-0.3657	0.0055	0.0601



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
614	SLU 81	-0.84	-0.28	93.22	-0.3612	0.0049	0.0608
614	SLU 82	-0.84	-0.23	93.25	-0.3591	0.0049	0.0603
614	SLU 83	-0.85	-0.29	94.07	-0.3669	0.005	0.0614
614	SLU 84	-0.85	-0.24	94.1	-0.3648	0.005	0.0609
614	SLE RA 1	-0.62	-0.27	61.65	-0.2673	0.0048	0.0423
614	SLE RA 2	-0.62	-0.22	61.68	-0.265	0.0047	0.0417
614	SLE RA 3	-0.63	-0.27	62.61	-0.2727	0.0048	0.043
614	SLE RA 4	-0.63	-0.24	62.63	-0.2713	0.0048	0.0427
614	SLE RA 5	-0.63	-0.22	62.25	-0.2688	0.0048	0.0421
614	SLE RA 6	-0.64	-0.27	63.18	-0.2765	0.0049	0.0434
614	SLE RA 7	-0.64	-0.24	63.2	-0.2751	0.0049	0.0431
614	SLE RA 8	-0.64	-0.28	62.79	-0.2749	0.0049	0.0431
614	SLE RA 9	-0.64	-0.25	62.81	-0.2735	0.0049	0.0427
614	SLE RA 10	-0.63	-0.2	66.81	-0.2724	0.0041	0.0438
614	SLE RA 11	-0.64	-0.25	67.74	-0.2801	0.0042	0.0451
614	SLE RA 12	-0.64	-0.22	67.76	-0.2787	0.0042	0.0447
614	SLE RA 13	-0.64	-0.2	67.38	-0.2761	0.0042	0.0442
614	SLE RA 14	-0.65	-0.25	68.31	-0.2838	0.0043	0.0455
614	SLE RA 15	-0.65	-0.22	68.33	-0.2824	0.0043	0.0451
614	SLE RA 16	-0.65	-0.26	67.92	-0.2822	0.0043	0.0452
614	SLE RA 17	-0.65	-0.23	67.94	-0.2808	0.0043	0.0448
614	SLE RA 18	-0.63	-0.24	68.98	-0.2779	0.0039	0.0453
614	SLE RA 19	-0.63	-0.21	69	-0.2765	0.0039	0.0449
614	SLE RA 20	-0.64	-0.25	69.55	-0.2816	0.004	0.0457
614	SLE RA 21	-0.64	-0.21	69.57	-0.2802	0.004	0.0453
614	SLE FR 1	-0.62	-0.27	61.65	-0.2673	0.0048	0.0423
614	SLE FR 2	-0.62	-0.26	61.66	-0.2669	0.0048	0.0422
614	SLE FR 3	-0.63	-0.27	61.88	-0.2688	0.0048	0.0424
614	SLE FR 4	-0.63	-0.25	63.86	-0.27	0.0045	0.0431
614	SLE FR 5	-0.63	-0.26	64.08	-0.272	0.0045	0.0433
614	SLE FR 6	-0.63	-0.26	65.32	-0.2726	0.0043	0.0438
614	SLE QP 1	-0.62	-0.27	61.65	-0.2673	0.0048	0.0423
614	SLE QP 2	-0.63	-0.26	63.85	-0.2705	0.0045	0.0432
614	SLD 1	4.28	0.37	65.33	-0.1579	0.0347	0.0634
614	SLD 2	4.29	0.09	65.42	-0.1605	0.0351	0.0663
614	SLD 3	4.33	-1.24	65.73	-0.2093	0.0368	0.0623
614	SLD 4	4.34	-1.51	65.81	-0.2119	0.0372	0.0652
614	SLD 5	0.77	2.41	63.68	-0.1583	0.0104	0.0504
614	SLD 6	0.78	2.23	63.74	-0.16	0.0107	0.0523
614	SLD 7	0.93	-2.94	65	-0.3296	0.0172	0.0467
614	SLD 8	0.94	-3.12	65.05	-0.3313	0.0175	0.0486
614	SLD 9	-2.19	2.6	62.65	-0.2097	-0.0084	0.0377
614	SLD 10	-2.18	2.42	62.71	-0.2114	-0.0082	0.0396
614	SLD 11	-2.03	-2.76	63.96	-0.381	-0.0017	0.0341
614	SLD 12	-2.03	-2.94	64.02	-0.3827	-0.0014	0.036
614	SLD 13	-5.59	0.99	61.89	-0.3291	-0.0281	0.0212
614	SLD 14	-5.58	0.71	61.98	-0.3317	-0.0277	0.024
614	SLD 15	-5.55	-0.62	62.29	-0.3805	-0.0261	0.0201
614	SLD 16	-5.54	-0.89	62.37	-0.3831	-0.0257	0.0229
614	SLV 1	10.86	1.15	67.33	-0.0065	0.0753	0.0905
614	SLV 2	10.89	0.51	67.52	-0.0125	0.0763	0.0972
614	SLV 3	10.97	-2.49	68.24	-0.123	0.0799	0.088
614	SLV 4	10.99	-3.13	68.43	-0.129	0.0808	0.0947
614	SLV 5	2.65	5.79	63.49	-0.0136	0.0186	0.0601
614	SLV 6	2.67	5.38	63.61	-0.0174	0.0192	0.0644
614	SLV 7	3.01	-6.34	66.51	-0.4019	0.0339	0.0516
614	SLV 8	3.03	-6.75	66.63	-0.4058	0.0345	0.0559
614	SLV 9	-4.28	6.23	61.07	-0.1352	-0.0255	0.0304
614	SLV 10	-4.27	5.81	61.2	-0.1391	-0.0249	0.0348
614	SLV 11	-3.92	-5.9	64.09	-0.5236	-0.0102	0.0219
614	SLV 12	-3.9	-6.32	64.22	-0.5275	-0.0096	0.0263
614	SLV 13	-12.25	2.6	59.27	-0.412	-0.0718	-0.0083
614	SLV 14	-12.22	1.96	59.47	-0.418	-0.0709	-0.0016
614	SLV 15	-12.14	-1.04	60.18	-0.5285	-0.0672	-0.0109
614	SLV 16	-12.11	-1.68	60.37	-0.5345	-0.0663	-0.0042
614	CRTFP Ux+	0	0	0	0	0	0
614	CRTFP Ux-	0	0	0	0	0	0
615	SLU 1	-0.57	-0.09	59.29	-0.31	0.0132	0.0356
615	SLU 2	-0.57	-0.01	59.33	-0.3066	0.0132	0.0348
615	SLU 3	-0.58	-0.08	60.72	-0.3195	0.0136	0.0366
615	SLU 4	-0.58	-0.03	60.75	-0.3174	0.0135	0.0361
615	SLU 5	-0.58	-0.01	60.18	-0.3129	0.0134	0.0353
615	SLU 6	-0.59	-0.08	61.57	-0.3257	0.0138	0.0371
615	SLU 7	-0.59	-0.03	61.6	-0.3237	0.0138	0.0366
615	SLU 8	-0.59	-0.09	60.98	-0.3226	0.0137	0.0366
615	SLU 9	-0.59	-0.05	61.01	-0.3205	0.0136	0.0362
615	SLU 10	-0.57	0.04	67.04	-0.3245	0.0137	0.0375
615	SLU 11	-0.59	-0.03	68.42	-0.3374	0.0141	0.0393
615	SLU 12	-0.59	0.01	68.45	-0.3353	0.014	0.0388
615	SLU 13	-0.58	0.03	67.88	-0.3308	0.0139	0.038
615	SLU 14	-0.6	-0.03	69.27	-0.3437	0.0143	0.0398
615	SLU 15	-0.6	0.01	69.3	-0.3416	0.0143	0.0393
615	SLU 16	-0.59	-0.05	68.68	-0.3405	0.0142	0.0394
615	SLU 17	-0.59	0	68.71	-0.3385	0.0141	0.0389
615	SLU 18	-0.58	-0.02	70.29	-0.3356	0.014	0.0395
615	SLU 19	-0.58	0.02	70.32	-0.3336	0.0139	0.039
615	SLU 20	-0.59	-0.03	71.14	-0.3419	0.0142	0.04
615	SLU 21	-0.59	0.02	71.16	-0.3399	0.0141	0.0395
615	SLU 22	-0.61	0.03	66.55	-0.3076	0.0146	0.0399



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
615	SLU 23	-0.61	0.1	66.59	-0.3041	0.0145	0.0391
615	SLU 24	-0.62	0.04	67.98	-0.317	0.0149	0.0409
615	SLU 25	-0.62	0.08	68.01	-0.3149	0.0149	0.0404
615	SLU 26	-0.62	0.1	67.44	-0.3104	0.0148	0.0396
615	SLU 27	-0.63	0.03	68.83	-0.3233	0.0152	0.0414
615	SLU 28	-0.63	0.08	68.86	-0.3212	0.0151	0.0409
615	SLU 29	-0.63	0.02	68.24	-0.3201	0.015	0.041
615	SLU 30	-0.63	0.07	68.27	-0.3181	0.015	0.0405
615	SLU 31	-0.62	0.15	74.3	-0.3221	0.0151	0.0418
615	SLU 32	-0.63	0.08	75.68	-0.3349	0.0155	0.0436
615	SLU 33	-0.63	0.13	75.71	-0.3329	0.0154	0.0431
615	SLU 34	-0.63	0.15	75.14	-0.3283	0.0153	0.0424
615	SLU 35	-0.64	0.08	76.53	-0.3412	0.0157	0.0441
615	SLU 36	-0.64	0.13	76.56	-0.3392	0.0156	0.0437
615	SLU 37	-0.64	0.07	75.94	-0.3381	0.0155	0.0437
615	SLU 38	-0.64	0.11	75.97	-0.336	0.0155	0.0432
615	SLU 39	-0.62	0.09	77.55	-0.3332	0.0153	0.0438
615	SLU 40	-0.62	0.14	77.58	-0.3311	0.0153	0.0433
615	SLU 41	-0.63	0.09	78.4	-0.3395	0.0155	0.0444
615	SLU 42	-0.63	0.14	78.43	-0.3374	0.0155	0.0439
615	SLU 43	-0.72	-0.15	74.59	-0.4039	0.0167	0.0448
615	SLU 44	-0.72	-0.08	74.63	-0.4004	0.0167	0.044
615	SLU 45	-0.73	-0.14	76.02	-0.4133	0.0171	0.0458
615	SLU 46	-0.74	-0.1	76.05	-0.4112	0.017	0.0453
615	SLU 47	-0.73	-0.08	75.48	-0.4067	0.0169	0.0445
615	SLU 48	-0.74	-0.15	76.87	-0.4196	0.0173	0.0463
615	SLU 49	-0.75	-0.1	76.89	-0.4175	0.0172	0.0458
615	SLU 50	-0.74	-0.16	76.28	-0.4164	0.0171	0.0458
615	SLU 51	-0.74	-0.11	76.31	-0.4144	0.0171	0.0454
615	SLU 52	-0.73	-0.03	82.33	-0.4184	0.0172	0.0467
615	SLU 53	-0.74	-0.1	83.72	-0.4312	0.0176	0.0485
615	SLU 54	-0.74	-0.05	83.75	-0.4292	0.0175	0.048
615	SLU 55	-0.74	-0.03	83.18	-0.4246	0.0174	0.0472
615	SLU 56	-0.75	-0.1	84.57	-0.4375	0.0178	0.049
615	SLU 57	-0.75	-0.05	84.59	-0.4355	0.0178	0.0485
615	SLU 58	-0.75	-0.11	83.98	-0.4344	0.0177	0.0486
615	SLU 59	-0.75	-0.07	84.01	-0.4323	0.0176	0.0481
615	SLU 60	-0.73	-0.09	85.59	-0.4295	0.0175	0.0487
615	SLU 61	-0.73	-0.04	85.61	-0.4274	0.0174	0.0482
615	SLU 62	-0.74	-0.09	86.43	-0.4358	0.0177	0.0492
615	SLU 63	-0.74	-0.04	86.46	-0.4337	0.0176	0.0487
615	SLU 64	-0.76	-0.04	81.85	-0.4014	0.0181	0.0491
615	SLU 65	-0.77	0.04	81.89	-0.398	0.018	0.0483
615	SLU 66	-0.78	-0.03	83.28	-0.4109	0.0184	0.0501
615	SLU 67	-0.78	0.02	83.31	-0.4088	0.0184	0.0496
615	SLU 68	-0.78	0.03	82.74	-0.4042	0.0183	0.0488
615	SLU 69	-0.79	-0.03	84.13	-0.4171	0.0187	0.0506
615	SLU 70	-0.79	0.01	84.15	-0.4151	0.0186	0.0501
615	SLU 71	-0.79	-0.05	83.54	-0.414	0.0185	0.0502
615	SLU 72	-0.79	0	83.57	-0.4119	0.0185	0.0497
615	SLU 73	-0.77	0.08	89.59	-0.4159	0.0185	0.051
615	SLU 74	-0.79	0.02	90.98	-0.4288	0.019	0.0528
615	SLU 75	-0.79	0.06	91.01	-0.4267	0.0189	0.0523
615	SLU 76	-0.78	0.08	90.44	-0.4222	0.0188	0.0516
615	SLU 77	-0.8	0.01	91.83	-0.4351	0.0192	0.0533
615	SLU 78	-0.8	0.06	91.86	-0.433	0.0191	0.0529
615	SLU 79	-0.79	0	91.24	-0.4319	0.019	0.0529
615	SLU 80	-0.79	0.05	91.27	-0.4298	0.019	0.0524
615	SLU 81	-0.78	0.03	92.85	-0.427	0.0188	0.053
615	SLU 82	-0.78	0.07	92.88	-0.425	0.0188	0.0525
615	SLU 83	-0.79	0.02	93.7	-0.4333	0.019	0.0536
615	SLU 84	-0.79	0.07	93.72	-0.4312	0.019	0.0531
615	SLE RA 1	-0.58	-0.06	61.36	-0.3093	0.0136	0.0368
615	SLE RA 2	-0.58	0	61.39	-0.307	0.0136	0.0363
615	SLE RA 3	-0.59	-0.05	62.32	-0.3156	0.0139	0.0375
615	SLE RA 4	-0.59	-0.02	62.34	-0.3142	0.0138	0.0372
615	SLE RA 5	-0.59	-0.01	61.96	-0.3112	0.0137	0.0366
615	SLE RA 6	-0.59	-0.05	62.88	-0.3198	0.014	0.0378
615	SLE RA 7	-0.59	-0.02	62.9	-0.3184	0.014	0.0375
615	SLE RA 8	-0.59	-0.06	62.49	-0.3177	0.0139	0.0375
615	SLE RA 9	-0.59	-0.03	62.51	-0.3163	0.0139	0.0372
615	SLE RA 10	-0.58	0.03	66.53	-0.319	0.0139	0.0381
615	SLE RA 11	-0.59	-0.02	67.45	-0.3276	0.0142	0.0393
615	SLE RA 12	-0.59	0.01	67.47	-0.3262	0.0142	0.039
615	SLE RA 13	-0.59	0.02	67.09	-0.3232	0.0141	0.0385
615	SLE RA 14	-0.6	-0.02	68.02	-0.3318	0.0143	0.0397
615	SLE RA 15	-0.6	0.01	68.04	-0.3304	0.0143	0.0393
615	SLE RA 16	-0.6	-0.03	67.63	-0.3296	0.0142	0.0394
615	SLE RA 17	-0.6	0	67.64	-0.3283	0.0142	0.039
615	SLE RA 18	-0.59	-0.01	68.7	-0.3264	0.0141	0.0394
615	SLE RA 19	-0.59	0.02	68.72	-0.325	0.0141	0.0391
615	SLE RA 20	-0.59	-0.01	69.26	-0.3306	0.0142	0.0398
615	SLE RA 21	-0.59	0.02	69.28	-0.3292	0.0142	0.0395
615	SLE FR 1	-0.58	-0.06	61.36	-0.3093	0.0136	0.0368
615	SLE FR 2	-0.58	-0.05	61.37	-0.3089	0.0136	0.0367
615	SLE FR 3	-0.58	-0.06	61.59	-0.311	0.0137	0.037
615	SLE FR 4	-0.58	-0.03	63.57	-0.314	0.0138	0.0375
615	SLE FR 5	-0.58	-0.04	63.79	-0.3161	0.0138	0.0378
615	SLE FR 6	-0.58	-0.03	65.03	-0.3178	0.0139	0.0381



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
615	SLE QP 1	-0.58	-0.06	61.36	-0.3093	0.0136	0.0368
615	SLE QP 2	-0.58	-0.04	63.56	-0.3144	0.0138	0.0376
615	SLD 1	4.32	0.68	64.13	-0.1815	0.0431	0.0583
615	SLD 2	4.33	0.42	64.2	-0.1862	0.0435	0.0611
615	SLD 3	4.37	-0.93	64.48	-0.2382	0.0449	0.0564
615	SLD 4	4.38	-1.19	64.55	-0.2428	0.0453	0.0591
615	SLD 5	0.82	2.67	63.2	-0.1879	0.0197	0.0462
615	SLD 6	0.83	2.49	63.24	-0.1909	0.02	0.048
615	SLD 7	0.97	-2.71	64.35	-0.3766	0.0258	0.0399
615	SLD 8	0.98	-2.88	64.4	-0.3796	0.0261	0.0417
615	SLD 9	-2.14	2.79	62.73	-0.2492	0.0014	0.0336
615	SLD 10	-2.13	2.62	62.78	-0.2523	0.0017	0.0354
615	SLD 11	-1.99	-2.58	63.89	-0.4379	0.0076	0.0272
615	SLD 12	-1.98	-2.75	63.93	-0.441	0.0078	0.029
615	SLD 13	-5.54	1.1	62.58	-0.3861	-0.0178	0.0161
615	SLD 14	-5.53	0.84	62.65	-0.3907	-0.0174	0.0189
615	SLD 15	-5.49	-0.51	62.92	-0.4427	-0.016	0.0142
615	SLD 16	-5.48	-0.77	62.99	-0.4473	-0.0155	0.017
615	SLV 1	10.89	1.59	64.9	-0.003	0.0824	0.0859
615	SLV 2	10.92	0.99	65.07	-0.0138	0.0834	0.0924
615	SLV 3	11	-2.06	65.71	-0.1314	0.0866	0.0816
615	SLV 4	11.02	-2.67	65.87	-0.1422	0.0876	0.088
615	SLV 5	2.69	6.09	62.72	-0.0245	0.0278	0.0576
615	SLV 6	2.71	5.7	62.83	-0.0315	0.0285	0.0618
615	SLV 7	3.05	-6.08	65.39	-0.4523	0.0418	0.043
615	SLV 8	3.07	-6.48	65.5	-0.4593	0.0424	0.0472
615	SLV 9	-4.23	6.39	61.63	-0.1696	-0.0149	0.028
615	SLV 10	-4.21	6	61.73	-0.1766	-0.0142	0.0322
615	SLV 11	-3.87	-5.79	64.3	-0.5974	-0.001	0.0134
615	SLV 12	-3.86	-6.18	64.4	-0.6044	-0.0003	0.0176
615	SLV 13	-12.18	2.58	61.26	-0.4867	-0.06	-0.0128
615	SLV 14	-12.16	1.97	61.42	-0.4975	-0.059	-0.0063
615	SLV 15	-12.08	-1.07	62.06	-0.615	-0.0559	-0.0171
615	SLV 16	-12.05	-1.68	62.22	-0.6258	-0.0548	-0.0107
615	CRTFP Ux+	0	0	0	0	0	0
615	CRTFP Ux-	0	0	0	0	0	0
616	SLU 1	-0.52	0.08	58.73	-0.3513	0.0218	0.0248
616	SLU 2	-0.52	0.15	58.78	-0.3479	0.0217	0.0241
616	SLU 3	-0.53	0.09	60.15	-0.3622	0.0223	0.0256
616	SLU 4	-0.53	0.14	60.18	-0.3601	0.0223	0.0251
616	SLU 5	-0.53	0.15	59.62	-0.3549	0.022	0.0245
616	SLU 6	-0.54	0.09	60.99	-0.3691	0.0227	0.0259
616	SLU 7	-0.54	0.14	61.02	-0.3671	0.0226	0.0255
616	SLU 8	-0.54	0.08	60.41	-0.3652	0.0224	0.0256
616	SLU 9	-0.54	0.12	60.44	-0.3632	0.0224	0.0251
616	SLU 10	-0.53	0.21	66.44	-0.3728	0.0237	0.026
616	SLU 11	-0.54	0.15	67.81	-0.387	0.0243	0.0275
616	SLU 12	-0.54	0.2	67.84	-0.385	0.0243	0.0271
616	SLU 13	-0.54	0.21	67.28	-0.3797	0.024	0.0264
616	SLU 14	-0.55	0.15	68.65	-0.394	0.0246	0.0278
616	SLU 15	-0.55	0.2	68.68	-0.392	0.0246	0.0274
616	SLU 16	-0.55	0.14	68.07	-0.3901	0.0243	0.0275
616	SLU 17	-0.55	0.18	68.1	-0.388	0.0243	0.027
616	SLU 18	-0.53	0.16	69.68	-0.3868	0.0245	0.0276
616	SLU 19	-0.53	0.21	69.71	-0.3848	0.0245	0.0272
616	SLU 20	-0.54	0.16	70.52	-0.3938	0.0248	0.0279
616	SLU 21	-0.54	0.21	70.55	-0.3917	0.0248	0.0275
616	SLU 22	-0.56	0.21	65.93	-0.3539	0.0247	0.0282
616	SLU 23	-0.56	0.29	65.97	-0.3505	0.0246	0.0275
616	SLU 24	-0.57	0.23	67.35	-0.3648	0.0252	0.0289
616	SLU 25	-0.58	0.27	67.37	-0.3628	0.0252	0.0285
616	SLU 26	-0.57	0.29	66.81	-0.3575	0.025	0.0278
616	SLU 27	-0.58	0.23	68.18	-0.3717	0.0256	0.0293
616	SLU 28	-0.58	0.27	68.21	-0.3697	0.0255	0.0289
616	SLU 29	-0.58	0.21	67.6	-0.3678	0.0253	0.0289
616	SLU 30	-0.58	0.26	67.63	-0.3658	0.0253	0.0285
616	SLU 31	-0.57	0.35	73.64	-0.3754	0.0266	0.0294
616	SLU 32	-0.58	0.29	75.01	-0.3897	0.0272	0.0309
616	SLU 33	-0.58	0.33	75.04	-0.3876	0.0272	0.0304
616	SLU 34	-0.58	0.35	74.47	-0.3824	0.0269	0.0298
616	SLU 35	-0.59	0.29	75.85	-0.3966	0.0275	0.0312
616	SLU 36	-0.59	0.33	75.87	-0.3946	0.0275	0.0308
616	SLU 37	-0.59	0.27	75.27	-0.3927	0.0272	0.0309
616	SLU 38	-0.59	0.32	75.29	-0.3906	0.0272	0.0304
616	SLU 39	-0.57	0.3	76.87	-0.3894	0.0274	0.031
616	SLU 40	-0.57	0.34	76.9	-0.3874	0.0274	0.0305
616	SLU 41	-0.58	0.3	77.71	-0.3964	0.0277	0.0313
616	SLU 42	-0.58	0.34	77.74	-0.3944	0.0277	0.0309
616	SLU 43	-0.66	0.06	73.89	-0.4558	0.0273	0.0311
616	SLU 44	-0.67	0.13	73.93	-0.4524	0.0273	0.0304
616	SLU 45	-0.68	0.07	75.31	-0.4667	0.0279	0.0319
616	SLU 46	-0.68	0.11	75.33	-0.4646	0.0278	0.0314
616	SLU 47	-0.68	0.13	74.77	-0.4594	0.0276	0.0308
616	SLU 48	-0.69	0.07	76.14	-0.4736	0.0282	0.0322
616	SLU 49	-0.69	0.11	76.17	-0.4716	0.0282	0.0318
616	SLU 50	-0.68	0.05	75.56	-0.4697	0.0279	0.0318
616	SLU 51	-0.68	0.1	75.59	-0.4677	0.0279	0.0314
616	SLU 52	-0.67	0.19	81.6	-0.4773	0.0292	0.0323
616	SLU 53	-0.68	0.13	82.97	-0.4915	0.0298	0.0338



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
616	SLU 54	-0.68	0.17	83	-0.4895	0.0298	0.0333
616	SLU 55	-0.68	0.19	82.43	-0.4842	0.0295	0.0327
616	SLU 56	-0.69	0.13	83.81	-0.4985	0.0301	0.0341
616	SLU 57	-0.69	0.17	83.83	-0.4965	0.0301	0.0337
616	SLU 58	-0.69	0.11	83.23	-0.4945	0.0299	0.0338
616	SLU 59	-0.69	0.16	83.25	-0.4925	0.0298	0.0333
616	SLU 60	-0.67	0.14	84.83	-0.4913	0.03	0.0339
616	SLU 61	-0.67	0.18	84.86	-0.4893	0.03	0.0334
616	SLU 62	-0.68	0.14	85.67	-0.4983	0.0304	0.0342
616	SLU 63	-0.68	0.18	85.7	-0.4962	0.0304	0.0338
616	SLU 64	-0.7	0.19	81.08	-0.4584	0.0302	0.0345
616	SLU 65	-0.71	0.26	81.13	-0.455	0.0302	0.0338
616	SLU 66	-0.72	0.21	82.5	-0.4693	0.0308	0.0352
616	SLU 67	-0.72	0.25	82.53	-0.4673	0.0308	0.0348
616	SLU 68	-0.72	0.26	81.96	-0.462	0.0305	0.0341
616	SLU 69	-0.73	0.21	83.34	-0.4762	0.0311	0.0356
616	SLU 70	-0.73	0.25	83.36	-0.4742	0.0311	0.0352
616	SLU 71	-0.72	0.19	82.76	-0.4723	0.0308	0.0352
616	SLU 72	-0.72	0.23	82.78	-0.4703	0.0308	0.0348
616	SLU 73	-0.71	0.32	88.79	-0.4799	0.0321	0.0357
616	SLU 74	-0.72	0.27	90.16	-0.4942	0.0327	0.0372
616	SLU 75	-0.72	0.31	90.19	-0.4921	0.0327	0.0367
616	SLU 76	-0.72	0.32	89.63	-0.4868	0.0324	0.0361
616	SLU 77	-0.73	0.26	91	-0.5011	0.033	0.0375
616	SLU 78	-0.73	0.31	91.03	-0.4991	0.033	0.0371
616	SLU 79	-0.73	0.25	90.42	-0.4972	0.0328	0.0372
616	SLU 80	-0.73	0.29	90.45	-0.4951	0.0328	0.0367
616	SLU 81	-0.71	0.28	92.03	-0.4939	0.033	0.0373
616	SLU 82	-0.71	0.32	92.05	-0.4919	0.0329	0.0368
616	SLU 83	-0.72	0.28	92.86	-0.5009	0.0333	0.0376
616	SLU 84	-0.72	0.32	92.89	-0.4989	0.0333	0.0372
616	SLE RA 1	-0.53	0.12	60.79	-0.352	0.0226	0.0258
616	SLE RA 2	-0.53	0.17	60.82	-0.3498	0.0226	0.0253
616	SLE RA 3	-0.54	0.13	61.73	-0.3593	0.023	0.0263
616	SLE RA 4	-0.54	0.16	61.75	-0.3579	0.023	0.026
616	SLE RA 5	-0.54	0.17	61.38	-0.3544	0.0228	0.0256
616	SLE RA 6	-0.55	0.13	62.29	-0.3639	0.0232	0.0265
616	SLE RA 7	-0.55	0.16	62.31	-0.3626	0.0232	0.0262
616	SLE RA 8	-0.55	0.12	61.91	-0.3613	0.023	0.0263
616	SLE RA 9	-0.55	0.15	61.92	-0.36	0.023	0.026
616	SLE RA 10	-0.54	0.21	65.93	-0.3664	0.0239	0.0266
616	SLE RA 11	-0.55	0.17	66.84	-0.3759	0.0243	0.0276
616	SLE RA 12	-0.55	0.2	66.86	-0.3745	0.0243	0.0273
616	SLE RA 13	-0.54	0.21	66.49	-0.371	0.0241	0.0268
616	SLE RA 14	-0.55	0.17	67.4	-0.3805	0.0245	0.0278
616	SLE RA 15	-0.55	0.2	67.42	-0.3792	0.0245	0.0275
616	SLE RA 16	-0.55	0.16	67.01	-0.3779	0.0243	0.0276
616	SLE RA 17	-0.55	0.19	67.03	-0.3765	0.0243	0.0273
616	SLE RA 18	-0.54	0.17	68.09	-0.3757	0.0244	0.0276
616	SLE RA 19	-0.54	0.2	68.1	-0.3744	0.0244	0.0274
616	SLE RA 20	-0.54	0.17	68.64	-0.3804	0.0246	0.0279
616	SLE RA 21	-0.55	0.2	68.66	-0.379	0.0246	0.0276
616	SLE FR 1	-0.53	0.12	60.79	-0.352	0.0226	0.0258
616	SLE FR 2	-0.53	0.13	60.79	-0.3516	0.0226	0.0257
616	SLE FR 3	-0.54	0.12	61.01	-0.3539	0.0227	0.0259
616	SLE FR 4	-0.53	0.14	62.98	-0.3587	0.0231	0.0263
616	SLE FR 5	-0.54	0.13	63.2	-0.361	0.0232	0.0265
616	SLE FR 6	-0.54	0.15	64.44	-0.3639	0.0235	0.0267
616	SLE QP 1	-0.53	0.12	60.79	-0.352	0.0226	0.0258
616	SLE QP 2	-0.53	0.13	62.98	-0.3591	0.0231	0.0264
616	SLD 1	4.36	0.94	62.41	-0.2055	0.0493	0.0464
616	SLD 2	4.37	0.69	62.46	-0.2122	0.0498	0.0493
616	SLD 3	4.4	-0.69	62.71	-0.2675	0.0506	0.0435
616	SLD 4	4.41	-0.93	62.77	-0.2742	0.0511	0.0465
616	SLD 5	0.86	2.88	62.33	-0.2177	0.0289	0.0362
616	SLD 6	0.87	2.72	62.37	-0.2222	0.0292	0.0381
616	SLD 7	1.01	-2.53	63.35	-0.4246	0.0333	0.0267
616	SLD 8	1.02	-2.69	63.39	-0.429	0.0336	0.0286
616	SLD 9	-2.09	2.96	62.57	-0.2893	0.0127	0.0241
616	SLD 10	-2.08	2.8	62.6	-0.2937	0.013	0.0261
616	SLD 11	-1.94	-2.45	63.59	-0.4961	0.017	0.0146
616	SLD 12	-1.93	-2.61	63.62	-0.5005	0.0173	0.0165
616	SLD 13	-5.48	1.2	63.19	-0.4441	-0.0048	0.0063
616	SLD 14	-5.47	0.95	63.24	-0.4508	-0.0044	0.0092
616	SLD 15	-5.44	-0.42	63.49	-0.5061	-0.0035	0.0034
616	SLD 16	-5.43	-0.67	63.55	-0.5128	-0.0031	0.0063
616	SLV 1	10.91	1.95	61.65	0.0008	0.0845	0.0732
616	SLV 2	10.94	1.38	61.78	-0.0149	0.0855	0.08
616	SLV 3	11.01	-1.72	62.35	-0.1399	0.0875	0.0666
616	SLV 4	11.04	-2.3	62.49	-0.1555	0.0885	0.0735
616	SLV 5	2.74	6.36	61.48	-0.0351	0.0368	0.0491
616	SLV 6	2.75	5.99	61.56	-0.0452	0.0375	0.0535
616	SLV 7	3.08	-5.9	63.84	-0.504	0.0468	0.0274
616	SLV 8	3.1	-6.28	63.93	-0.5141	0.0474	0.0318
616	SLV 9	-4.17	6.54	62.03	-0.2042	-0.0012	0.0209
616	SLV 10	-4.15	6.17	62.11	-0.2143	-0.0005	0.0254
616	SLV 11	-3.82	-5.72	64.39	-0.6731	0.0088	-0.0008
616	SLV 12	-3.81	-6.09	64.48	-0.6832	0.0094	0.0036
616	SLV 13	-12.11	2.57	63.47	-0.5628	-0.0422	-0.0207



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
616	SLV 14	-12.08	1.99	63.6	-0.5784	-0.0412	-0.0139
616	SLV 15	-12	-1.11	64.18	-0.7034	-0.0392	-0.0273
616	SLV 16	-11.98	-1.69	64.31	-0.7191	-0.0382	-0.0204
616	CRTFP Ux+	0	0	0	0	0	0
616	CRTFP Ux-	0	0	0	0	0	0
617	SLU 1	-0.49	0.18	59.5	0.0455	-0.2883	0.0127
617	SLU 2	-0.49	0.25	59.55	0.0492	-0.2886	0.0125
617	SLU 3	-0.5	0.2	60.93	0.0438	-0.2952	0.0133
617	SLU 4	-0.5	0.24	60.96	0.046	-0.2953	0.0131
617	SLU 5	-0.5	0.25	60.4	0.0479	-0.2927	0.0127
617	SLU 6	-0.51	0.2	61.78	0.0425	-0.2993	0.0134
617	SLU 7	-0.51	0.24	61.81	0.0447	-0.2995	0.0133
617	SLU 8	-0.51	0.18	61.2	0.0428	-0.2966	0.0131
617	SLU 9	-0.51	0.23	61.22	0.045	-0.2967	0.0129
617	SLU 10	-0.49	0.32	67.33	0.0757	-0.3272	0.0136
617	SLU 11	-0.5	0.27	68.72	0.0703	-0.3337	0.0143
617	SLU 12	-0.51	0.31	68.75	0.0725	-0.3339	0.0142
617	SLU 13	-0.5	0.32	68.18	0.0743	-0.3313	0.0138
617	SLU 14	-0.51	0.27	69.57	0.0689	-0.3378	0.0145
617	SLU 15	-0.51	0.31	69.6	0.0711	-0.338	0.0144
617	SLU 16	-0.51	0.25	68.98	0.0692	-0.3351	0.0141
617	SLU 17	-0.51	0.3	69.01	0.0714	-0.3353	0.014
617	SLU 18	-0.49	0.28	70.62	0.0833	-0.3434	0.0143
617	SLU 19	-0.5	0.32	70.65	0.0855	-0.3436	0.0142
617	SLU 20	-0.5	0.28	71.47	0.0819	-0.3475	0.0145
617	SLU 21	-0.5	0.32	71.5	0.0841	-0.3477	0.0143
617	SLU 22	-0.53	0.34	66.77	0.0932	-0.3229	0.0157
617	SLU 23	-0.53	0.41	66.82	0.0969	-0.3232	0.0155
617	SLU 24	-0.54	0.35	68.2	0.0915	-0.3297	0.0163
617	SLU 25	-0.54	0.4	68.23	0.0938	-0.3299	0.0161
617	SLU 26	-0.54	0.41	67.67	0.0956	-0.3273	0.0157
617	SLU 27	-0.55	0.36	69.05	0.0902	-0.3339	0.0164
617	SLU 28	-0.55	0.4	69.08	0.0924	-0.334	0.0163
617	SLU 29	-0.54	0.34	68.47	0.0905	-0.3311	0.0161
617	SLU 30	-0.55	0.38	68.5	0.0927	-0.3313	0.0159
617	SLU 31	-0.53	0.48	74.6	0.1234	-0.3617	0.0166
617	SLU 32	-0.54	0.42	75.99	0.118	-0.3683	0.0174
617	SLU 33	-0.54	0.47	76.02	0.1202	-0.3685	0.0172
617	SLU 34	-0.54	0.48	75.45	0.122	-0.3658	0.0168
617	SLU 35	-0.55	0.42	76.84	0.1166	-0.3724	0.0175
617	SLU 36	-0.55	0.47	76.87	0.1188	-0.3726	0.0174
617	SLU 37	-0.55	0.41	76.25	0.1169	-0.3697	0.0172
617	SLU 38	-0.55	0.45	76.28	0.1191	-0.3698	0.017
617	SLU 39	-0.53	0.43	77.89	0.131	-0.378	0.0173
617	SLU 40	-0.53	0.48	77.92	0.1332	-0.3781	0.0172
617	SLU 41	-0.54	0.44	78.74	0.1296	-0.3821	0.0175
617	SLU 42	-0.54	0.48	78.77	0.1318	-0.3822	0.0173
617	SLU 43	-0.62	0.18	74.86	0.0428	-0.363	0.0155
617	SLU 44	-0.62	0.25	74.9	0.0465	-0.3633	0.0153
617	SLU 45	-0.63	0.2	76.29	0.0411	-0.3698	0.016
617	SLU 46	-0.64	0.24	76.32	0.0434	-0.37	0.0159
617	SLU 47	-0.63	0.26	75.75	0.0452	-0.3674	0.0155
617	SLU 48	-0.64	0.2	77.14	0.0398	-0.3739	0.0162
617	SLU 49	-0.64	0.25	77.17	0.042	-0.3741	0.0161
617	SLU 50	-0.64	0.18	76.55	0.0401	-0.3712	0.0158
617	SLU 51	-0.64	0.23	76.58	0.0423	-0.3714	0.0157
617	SLU 52	-0.63	0.32	82.69	0.073	-0.4018	0.0164
617	SLU 53	-0.64	0.27	84.08	0.0676	-0.4084	0.0171
617	SLU 54	-0.64	0.31	84.11	0.0698	-0.4085	0.017
617	SLU 55	-0.64	0.32	83.54	0.0716	-0.4059	0.0166
617	SLU 56	-0.65	0.27	84.93	0.0662	-0.4125	0.0173
617	SLU 57	-0.65	0.31	84.96	0.0684	-0.4127	0.0172
617	SLU 58	-0.64	0.25	84.34	0.0665	-0.4098	0.0169
617	SLU 59	-0.65	0.3	84.37	0.0687	-0.4099	0.0168
617	SLU 60	-0.63	0.28	85.98	0.0806	-0.4181	0.0171
617	SLU 61	-0.63	0.32	86.01	0.0828	-0.4182	0.017
617	SLU 62	-0.64	0.28	86.83	0.0792	-0.4222	0.0172
617	SLU 63	-0.64	0.32	86.86	0.0814	-0.4223	0.0171
617	SLU 64	-0.66	0.34	82.13	0.0906	-0.3976	0.0185
617	SLU 65	-0.66	0.41	82.17	0.0942	-0.3978	0.0183
617	SLU 66	-0.67	0.36	83.56	0.0888	-0.4044	0.0191
617	SLU 67	-0.67	0.4	83.59	0.0911	-0.4046	0.0189
617	SLU 68	-0.67	0.41	83.02	0.0929	-0.4019	0.0185
617	SLU 69	-0.68	0.36	84.41	0.0875	-0.4085	0.0192
617	SLU 70	-0.68	0.4	84.44	0.0897	-0.4087	0.0191
617	SLU 71	-0.68	0.34	83.82	0.0878	-0.4058	0.0189
617	SLU 72	-0.68	0.38	83.85	0.09	-0.4059	0.0187
617	SLU 73	-0.67	0.48	89.96	0.1207	-0.4364	0.0194
617	SLU 74	-0.68	0.42	91.35	0.1153	-0.4429	0.0201
617	SLU 75	-0.68	0.47	91.38	0.1175	-0.4431	0.02
617	SLU 76	-0.68	0.48	90.81	0.1193	-0.4405	0.0196
617	SLU 77	-0.69	0.43	92.2	0.1139	-0.4471	0.0203
617	SLU 78	-0.69	0.47	92.23	0.1161	-0.4472	0.0202
617	SLU 79	-0.68	0.41	91.61	0.1142	-0.4443	0.0199
617	SLU 80	-0.68	0.45	91.64	0.1164	-0.4445	0.0198
617	SLU 81	-0.67	0.44	93.25	0.1283	-0.4526	0.0201
617	SLU 82	-0.67	0.48	93.28	0.1305	-0.4528	0.02
617	SLU 83	-0.68	0.44	94.1	0.1269	-0.4567	0.0203
617	SLU 84	-0.68	0.48	94.13	0.1291	-0.4569	0.0201



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
617	SLE RA 1	-0.5	0.23	61.58	0.0592	-0.2982	0.0136
617	SLE RA 2	-0.5	0.27	61.61	0.0616	-0.2984	0.0134
617	SLE RA 3	-0.51	0.24	62.53	0.058	-0.3028	0.0139
617	SLE RA 4	-0.51	0.27	62.55	0.0595	-0.3029	0.0139
617	SLE RA 5	-0.51	0.27	62.17	0.0607	-0.3011	0.0136
617	SLE RA 6	-0.51	0.24	63.1	0.0571	-0.3055	0.014
617	SLE RA 7	-0.51	0.27	63.12	0.0586	-0.3056	0.014
617	SLE RA 8	-0.51	0.23	62.71	0.0573	-0.3037	0.0138
617	SLE RA 9	-0.51	0.26	62.73	0.0588	-0.3038	0.0137
617	SLE RA 10	-0.5	0.32	66.8	0.0792	-0.3241	0.0142
617	SLE RA 11	-0.51	0.28	67.72	0.0756	-0.3285	0.0147
617	SLE RA 12	-0.51	0.31	67.74	0.0771	-0.3286	0.0146
617	SLE RA 13	-0.51	0.32	67.37	0.0783	-0.3268	0.0143
617	SLE RA 14	-0.52	0.28	68.29	0.0747	-0.3312	0.0148
617	SLE RA 15	-0.52	0.31	68.31	0.0762	-0.3313	0.0147
617	SLE RA 16	-0.51	0.27	67.9	0.075	-0.3294	0.0145
617	SLE RA 17	-0.52	0.3	67.92	0.0764	-0.3295	0.0144
617	SLE RA 18	-0.5	0.29	68.99	0.0843	-0.3349	0.0146
617	SLE RA 19	-0.5	0.32	69.01	0.0858	-0.335	0.0145
617	SLE RA 20	-0.51	0.29	69.56	0.0834	-0.3377	0.0147
617	SLE RA 21	-0.51	0.32	69.58	0.0849	-0.3378	0.0147
617	SLE FR 1	-0.5	0.23	61.58	0.0592	-0.2982	0.0136
617	SLE FR 2	-0.5	0.24	61.58	0.0597	-0.2983	0.0136
617	SLE FR 3	-0.5	0.23	61.8	0.0588	-0.2993	0.0136
617	SLE FR 4	-0.5	0.25	63.81	0.0672	-0.3093	0.0139
617	SLE FR 5	-0.5	0.25	64.03	0.0664	-0.3103	0.0139
617	SLE FR 6	-0.5	0.26	65.28	0.0718	-0.3166	0.0141
617	SLE QP 1	-0.5	0.23	61.58	0.0592	-0.2982	0.0136
617	SLE QP 2	-0.5	0.25	63.8	0.0667	-0.3092	0.0139
617	SLD 1	4.51	1.32	62.57	0.2274	-0.2816	0.0043
617	SLD 2	4.52	1.08	62.62	0.2187	-0.2813	0.0065
617	SLD 3	4.55	-0.37	62.86	0.1602	-0.2826	-0.0085
617	SLD 4	4.56	-0.6	62.9	0.1515	-0.2823	-0.0064
617	SLD 5	0.93	3.17	62.99	0.2184	-0.2994	0.0301
617	SLD 6	0.94	3.01	63.02	0.2126	-0.2993	0.0315
617	SLD 7	1.08	-2.45	63.95	-0.0056	-0.3028	-0.0126
617	SLD 8	1.09	-2.61	63.98	-0.0113	-0.3027	-0.0112
617	SLD 9	-2.09	3.1	63.63	0.1447	-0.3158	0.039
617	SLD 10	-2.08	2.94	63.65	0.139	-0.3156	0.0405
617	SLD 11	-1.94	-2.52	64.58	-0.0792	-0.3192	-0.0037
617	SLD 12	-1.93	-2.68	64.61	-0.0849	-0.319	-0.0023
617	SLD 13	-5.57	1.09	64.7	-0.0181	-0.3361	0.0342
617	SLD 14	-5.55	0.86	64.74	-0.0268	-0.3359	0.0363
617	SLD 15	-5.52	-0.59	64.99	-0.0853	-0.3371	0.0213
617	SLD 16	-5.51	-0.83	65.03	-0.094	-0.3369	0.0235
617	SLV 1	11.22	2.7	60.93	0.4432	-0.2445	-0.009
617	SLV 2	11.24	2.15	61.04	0.423	-0.244	-0.004
617	SLV 3	11.32	-1.12	61.6	0.291	-0.2469	-0.0381
617	SLV 4	11.35	-1.67	61.7	0.2708	-0.2463	-0.0331
617	SLV 5	2.85	6.87	61.91	0.414	-0.2864	0.0503
617	SLV 6	2.87	6.51	61.98	0.4009	-0.286	0.0535
617	SLV 7	3.2	-5.86	64.13	-0.0933	-0.2942	-0.0467
617	SLV 8	3.22	-6.22	64.2	-0.1064	-0.2938	-0.0434
617	SLV 9	-4.22	6.71	63.4	0.2399	-0.3246	0.0712
617	SLV 10	-4.2	6.35	63.47	0.2268	-0.3243	0.0745
617	SLV 11	-3.87	-6.02	65.62	-0.2675	-0.3325	-0.0257
617	SLV 12	-3.85	-6.38	65.69	-0.2806	-0.3321	-0.0225
617	SLV 13	-12.35	2.17	65.9	-0.1373	-0.3721	0.0609
617	SLV 14	-12.32	1.61	66	-0.1575	-0.3716	0.0659
617	SLV 15	-12.25	-1.66	66.57	-0.2895	-0.3745	0.0318
617	SLV 16	-12.22	-2.21	66.67	-0.3097	-0.3739	0.0368
617	CRTFP Ux+	0	0	0	0	0	0
617	CRTFP Ux-	0	0	0	0	0	0
618	SLU 1	-0.24	0.09	28.92	-6.983	0.0102	-0.0603
618	SLU 2	-0.24	0.12	28.94	-6.987	0.0102	-0.0607
618	SLU 3	-0.24	0.09	29.62	-7.1517	0.0104	-0.0616
618	SLU 4	-0.24	0.12	29.63	-7.1541	0.0104	-0.0619
618	SLU 5	-0.24	0.12	29.35	-7.0875	0.0103	-0.0618
618	SLU 6	-0.25	0.1	30.03	-7.2522	0.0105	-0.0627
618	SLU 7	-0.25	0.12	30.05	-7.2546	0.0105	-0.063
618	SLU 8	-0.25	0.09	29.75	-7.1839	0.0104	-0.0625
618	SLU 9	-0.25	0.11	29.76	-7.1863	0.0104	-0.0628
618	SLU 10	-0.24	0.15	32.72	-7.8904	0.0112	-0.0615
618	SLU 11	-0.25	0.13	33.4	-8.0551	0.0114	-0.0624
618	SLU 12	-0.25	0.15	33.41	-8.0575	0.0114	-0.0627
618	SLU 13	-0.25	0.15	33.13	-7.9909	0.0113	-0.0626
618	SLU 14	-0.25	0.13	33.81	-8.1556	0.0115	-0.0635
618	SLU 15	-0.25	0.15	33.83	-8.158	0.0115	-0.0638
618	SLU 16	-0.25	0.12	33.53	-8.0874	0.0114	-0.0632
618	SLU 17	-0.25	0.14	33.54	-8.0898	0.0114	-0.0635
618	SLU 18	-0.24	0.13	34.32	-8.2736	0.0116	-0.0614
618	SLU 19	-0.24	0.15	34.33	-8.276	0.0116	-0.0616
618	SLU 20	-0.25	0.13	34.73	-8.3741	0.0117	-0.0625
618	SLU 21	-0.25	0.15	34.75	-8.3765	0.0117	-0.0628
618	SLU 22	-0.26	0.16	32.4	-7.8041	0.0122	-0.0645
618	SLU 23	-0.26	0.2	32.42	-7.8081	0.0122	-0.065
618	SLU 24	-0.26	0.17	33.1	-7.9729	0.0124	-0.0659
618	SLU 25	-0.26	0.19	33.11	-7.9753	0.0124	-0.0662
618	SLU 26	-0.26	0.2	32.84	-7.9086	0.0123	-0.0661



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
618	SLU 27	-0.27	0.17	33.52	-8.0734	0.0125	-0.067
618	SLU 28	-0.27	0.19	33.53	-8.0758	0.0125	-0.0673
618	SLU 29	-0.26	0.16	33.23	-8.0051	0.0124	-0.0668
618	SLU 30	-0.27	0.18	33.24	-8.0075	0.0124	-0.067
618	SLU 31	-0.26	0.23	36.2	-8.7116	0.0132	-0.0658
618	SLU 32	-0.26	0.21	36.88	-8.8763	0.0134	-0.0667
618	SLU 33	-0.26	0.23	36.89	-8.8787	0.0134	-0.067
618	SLU 34	-0.26	0.23	36.62	-8.8121	0.0133	-0.0669
618	SLU 35	-0.27	0.21	37.3	-8.9768	0.0135	-0.0678
618	SLU 36	-0.27	0.23	37.31	-8.9792	0.0135	-0.0681
618	SLU 37	-0.27	0.2	37.01	-8.9085	0.0134	-0.0675
618	SLU 38	-0.27	0.22	37.02	-8.9109	0.0134	-0.0678
618	SLU 39	-0.26	0.21	37.8	-9.0947	0.0136	-0.0656
618	SLU 40	-0.26	0.23	37.81	-9.0971	0.0136	-0.0659
618	SLU 41	-0.26	0.21	38.22	-9.1952	0.0137	-0.0667
618	SLU 42	-0.26	0.23	38.23	-9.1976	0.0137	-0.067
618	SLU 43	-0.3	0.08	36.4	-8.7963	0.0125	-0.0769
618	SLU 44	-0.31	0.12	36.42	-8.8003	0.0126	-0.0774
618	SLU 45	-0.31	0.09	37.1	-8.965	0.0128	-0.0782
618	SLU 46	-0.31	0.11	37.11	-8.9674	0.0128	-0.0785
618	SLU 47	-0.31	0.12	36.84	-8.9008	0.0127	-0.0785
618	SLU 48	-0.31	0.09	37.51	-9.0655	0.0129	-0.0794
618	SLU 49	-0.31	0.11	37.53	-9.0679	0.0129	-0.0796
618	SLU 50	-0.31	0.09	37.23	-8.9973	0.0128	-0.0791
618	SLU 51	-0.31	0.11	37.24	-8.9997	0.0128	-0.0794
618	SLU 52	-0.31	0.15	40.2	-9.7037	0.0136	-0.0781
618	SLU 53	-0.31	0.13	40.88	-9.8685	0.0138	-0.079
618	SLU 54	-0.31	0.15	40.89	-9.8709	0.0138	-0.0793
618	SLU 55	-0.31	0.15	40.62	-9.8042	0.0137	-0.0792
618	SLU 56	-0.32	0.13	41.3	-9.969	0.0139	-0.0801
618	SLU 57	-0.32	0.15	41.31	-9.9714	0.0139	-0.0804
618	SLU 58	-0.32	0.12	41.01	-9.9007	0.0138	-0.0799
618	SLU 59	-0.32	0.14	41.02	-9.9031	0.0138	-0.0801
618	SLU 60	-0.31	0.13	41.8	-10.0869	0.014	-0.078
618	SLU 61	-0.31	0.15	41.81	-10.0893	0.014	-0.0783
618	SLU 62	-0.31	0.13	42.22	-10.1874	0.0141	-0.0791
618	SLU 63	-0.31	0.15	42.23	-10.1898	0.0141	-0.0794
618	SLU 64	-0.32	0.16	39.88	-9.6175	0.0145	-0.0812
618	SLU 65	-0.32	0.2	39.9	-9.6215	0.0145	-0.0816
618	SLU 66	-0.33	0.17	40.58	-9.7862	0.0148	-0.0825
618	SLU 67	-0.33	0.19	40.59	-9.7886	0.0148	-0.0828
618	SLU 68	-0.33	0.2	40.32	-9.722	0.0147	-0.0827
618	SLU 69	-0.33	0.17	41	-9.8867	0.0149	-0.0836
618	SLU 70	-0.33	0.19	41.01	-9.8891	0.0149	-0.0839
618	SLU 71	-0.33	0.16	40.71	-9.8184	0.0148	-0.0834
618	SLU 72	-0.33	0.18	40.72	-9.8209	0.0148	-0.0837
618	SLU 73	-0.33	0.23	43.68	-10.5249	0.0155	-0.0824
618	SLU 74	-0.33	0.21	44.36	-10.6896	0.0157	-0.0833
618	SLU 75	-0.33	0.23	44.38	-10.692	0.0158	-0.0836
618	SLU 76	-0.33	0.23	44.1	-10.6254	0.0157	-0.0835
618	SLU 77	-0.33	0.21	44.78	-10.7901	0.0159	-0.0844
618	SLU 78	-0.33	0.23	44.79	-10.7925	0.0159	-0.0847
618	SLU 79	-0.33	0.2	44.49	-10.7219	0.0158	-0.0841
618	SLU 80	-0.33	0.22	44.51	-10.7243	0.0158	-0.0844
618	SLU 81	-0.32	0.21	45.28	-10.9081	0.0159	-0.0822
618	SLU 82	-0.33	0.23	45.3	-10.9105	0.0159	-0.0825
618	SLU 83	-0.33	0.21	45.7	-11.0086	0.0161	-0.0834
618	SLU 84	-0.33	0.23	45.71	-11.011	0.0161	-0.0836
618	SLE RA 1	-0.24	0.11	29.91	-7.2176	0.0107	-0.0615
618	SLE RA 2	-0.24	0.13	29.93	-7.2202	0.0108	-0.0618
618	SLE RA 3	-0.25	0.11	30.38	-7.3301	0.0109	-0.0624
618	SLE RA 4	-0.25	0.13	30.39	-7.3317	0.0109	-0.0626
618	SLE RA 5	-0.25	0.13	30.2	-7.2872	0.0108	-0.0625
618	SLE RA 6	-0.25	0.11	30.66	-7.3971	0.011	-0.0631
618	SLE RA 7	-0.25	0.13	30.66	-7.3987	0.011	-0.0633
618	SLE RA 8	-0.25	0.11	30.47	-7.3516	0.0109	-0.063
618	SLE RA 9	-0.25	0.12	30.47	-7.3532	0.0109	-0.0632
618	SLE RA 10	-0.25	0.15	32.45	-7.8225	0.0114	-0.0623
618	SLE RA 11	-0.25	0.14	32.9	-7.9324	0.0116	-0.0629
618	SLE RA 12	-0.25	0.15	32.91	-7.934	0.0116	-0.0631
618	SLE RA 13	-0.25	0.15	32.72	-7.8895	0.0115	-0.0631
618	SLE RA 14	-0.25	0.14	33.18	-7.9993	0.0116	-0.0636
618	SLE RA 15	-0.25	0.15	33.19	-8.001	0.0116	-0.0638
618	SLE RA 16	-0.25	0.13	32.99	-7.9538	0.0116	-0.0635
618	SLE RA 17	-0.25	0.14	33	-7.9555	0.0116	-0.0637
618	SLE RA 18	-0.25	0.14	33.51	-8.078	0.0117	-0.0622
618	SLE RA 19	-0.25	0.15	33.52	-8.0796	0.0117	-0.0624
618	SLE RA 20	-0.25	0.14	33.79	-8.145	0.0118	-0.063
618	SLE RA 21	-0.25	0.15	33.8	-8.1466	0.0118	-0.0631
618	SLE FR 1	-0.24	0.11	29.91	-7.2176	0.0107	-0.0615
618	SLE FR 2	-0.24	0.11	29.92	-7.2181	0.0107	-0.0616
618	SLE FR 3	-0.24	0.11	30.02	-7.2444	0.0108	-0.0618
618	SLE FR 4	-0.24	0.12	31	-7.4762	0.011	-0.0618
618	SLE FR 5	-0.24	0.12	31.1	-7.5025	0.0111	-0.062
618	SLE FR 6	-0.24	0.12	31.71	-7.6478	0.0112	-0.0619
618	SLE QP 1	-0.24	0.11	29.91	-7.2176	0.0107	-0.0615
618	SLE QP 2	-0.24	0.12	30.99	-7.4757	0.011	-0.0617
618	SLD 1	2.23	0.66	29.93	-7.2539	0.0216	0.558
618	SLD 2	2.24	0.55	29.96	-7.2619	0.0215	0.5617



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
618	SLD 3	2.21	-0.17	30.14	-7.3197	0.0202	0.5518
618	SLD 4	2.22	-0.28	30.17	-7.3277	0.0201	0.5555
618	SLD 5	0.53	1.56	30.36	-7.3078	0.0164	0.133
618	SLD 6	0.54	1.49	30.38	-7.3131	0.0163	0.1354
618	SLD 7	0.45	-1.21	31.04	-7.5274	0.0116	0.1123
618	SLD 8	0.46	-1.28	31.06	-7.5326	0.0116	0.1147
618	SLD 9	-0.95	1.51	30.93	-7.4188	0.0105	-0.2381
618	SLD 10	-0.94	1.45	30.95	-7.424	0.0104	-0.2357
618	SLD 11	-1.03	-1.25	31.61	-7.6383	0.0057	-0.2588
618	SLD 12	-1.02	-1.32	31.62	-7.6436	0.0057	-0.2564
618	SLD 13	-2.71	0.51	31.82	-7.6237	0.0019	-0.6789
618	SLD 14	-2.69	0.41	31.85	-7.6317	0.0019	-0.6753
618	SLD 15	-2.73	-0.32	32.03	-7.6895	0.0005	-0.6852
618	SLD 16	-2.72	-0.42	32.05	-7.6975	0.0004	-0.6815
618	SLV 1	5.55	1.35	28.52	-6.9581	0.0358	1.3881
618	SLV 2	5.58	1.11	28.59	-6.9768	0.0356	1.3967
618	SLV 3	5.49	-0.53	28.98	-7.1083	0.0325	1.3739
618	SLV 4	5.52	-0.78	29.05	-7.1269	0.0324	1.3825
618	SLV 5	1.57	3.39	29.54	-7.0895	0.0234	0.3934
618	SLV 6	1.59	3.23	29.58	-7.1016	0.0233	0.3989
618	SLV 7	1.39	-2.89	31.08	-7.5899	0.0126	0.3459
618	SLV 8	1.41	-3.05	31.12	-7.602	0.0125	0.3514
618	SLV 9	-1.9	3.28	30.86	-7.3494	0.0095	-0.4748
618	SLV 10	-1.87	3.12	30.91	-7.3615	0.0094	-0.4693
618	SLV 11	-2.08	-2.99	32.41	-7.8498	-0.0012	-0.5223
618	SLV 12	-2.06	-3.15	32.45	-7.8619	-0.0013	-0.5168
618	SLV 13	-6.01	1.01	32.94	-7.8245	-0.0103	-1.5059
618	SLV 14	-5.98	0.76	33.01	-7.8431	-0.0105	-1.4973
618	SLV 15	-6.07	-0.87	33.4	-7.9746	-0.0136	-1.5201
618	SLV 16	-6.03	-1.12	33.47	-7.9932	-0.0137	-1.5115
618	CRTFP Ux+	0	0	0	0	0	0
618	CRTFP Ux-	0	0	0	0	0	0
620	SLU 1	-1.32	0.32	183.67	23.4761	-0.4159	0.026
620	SLU 2	-1.32	0.53	183.81	23.5021	-0.4109	0.0257
620	SLU 3	-1.35	0.38	188.07	24.028	-0.426	0.028
620	SLU 4	-1.35	0.5	188.16	24.0437	-0.4229	0.0278
620	SLU 5	-1.35	0.53	186.43	23.8313	-0.4198	0.0263
620	SLU 6	-1.37	0.37	190.69	24.3572	-0.4349	0.0286
620	SLU 7	-1.38	0.5	190.78	24.3729	-0.4319	0.0284
620	SLU 8	-1.36	0.31	188.91	24.1345	-0.4338	0.0272
620	SLU 9	-1.37	0.44	189	24.1501	-0.4308	0.027
620	SLU 10	-1.33	0.73	207.96	26.615	-0.4601	0.0151
620	SLU 11	-1.35	0.57	212.21	27.1409	-0.4752	0.0173
620	SLU 12	-1.36	0.7	212.3	27.1565	-0.4722	0.0172
620	SLU 13	-1.35	0.73	210.58	26.9442	-0.4691	0.0157
620	SLU 14	-1.38	0.57	214.84	27.4701	-0.4842	0.0179
620	SLU 15	-1.38	0.7	214.92	27.4857	-0.4812	0.0178
620	SLU 16	-1.37	0.51	213.06	27.2473	-0.4831	0.0166
620	SLU 17	-1.37	0.64	213.14	27.263	-0.4801	0.0164
620	SLU 18	-1.32	0.6	218.16	27.923	-0.4862	0.0108
620	SLU 19	-1.33	0.73	218.25	27.9386	-0.4832	0.0106
620	SLU 20	-1.35	0.6	220.78	28.2522	-0.4952	0.0114
620	SLU 21	-1.35	0.73	220.87	28.2678	-0.4922	0.0112
620	SLU 22	-1.42	0.82	205.87	26.4215	-0.369	0.0362
620	SLU 23	-1.43	1.04	206.01	26.4476	-0.3639	0.0359
620	SLU 24	-1.46	0.88	210.27	26.9735	-0.379	0.0382
620	SLU 25	-1.46	1.01	210.36	26.9891	-0.376	0.038
620	SLU 26	-1.45	1.04	208.63	26.7768	-0.3729	0.0365
620	SLU 27	-1.48	0.88	212.89	27.3027	-0.388	0.0388
620	SLU 28	-1.48	1.01	212.98	27.3183	-0.385	0.0386
620	SLU 29	-1.47	0.82	211.11	27.0799	-0.3869	0.0374
620	SLU 30	-1.47	0.95	211.2	27.0955	-0.3839	0.0372
620	SLU 31	-1.43	1.24	230.16	29.5604	-0.4132	0.0252
620	SLU 32	-1.46	1.08	234.41	30.0863	-0.4283	0.0275
620	SLU 33	-1.46	1.21	234.5	30.102	-0.4253	0.0273
620	SLU 34	-1.46	1.23	232.78	29.8896	-0.4222	0.0258
620	SLU 35	-1.48	1.08	237.04	30.4155	-0.4373	0.0281
620	SLU 36	-1.49	1.21	237.12	30.4312	-0.4342	0.0279
620	SLU 37	-1.48	1.02	235.26	30.1927	-0.4362	0.0267
620	SLU 38	-1.48	1.15	235.34	30.2084	-0.4331	0.0266
620	SLU 39	-1.43	1.11	240.36	30.8684	-0.4393	0.021
620	SLU 40	-1.43	1.23	240.45	30.8841	-0.4363	0.0208
620	SLU 41	-1.45	1.1	242.98	31.1976	-0.4483	0.0216
620	SLU 42	-1.46	1.23	243.07	31.2133	-0.4453	0.0214
620	SLU 43	-1.67	0.24	231.15	29.509	-0.5567	0.0304
620	SLU 44	-1.68	0.45	231.3	29.5351	-0.5517	0.0301
620	SLU 45	-1.71	0.3	235.56	30.061	-0.5668	0.0323
620	SLU 46	-1.71	0.43	235.64	30.0766	-0.5638	0.0322
620	SLU 47	-1.7	0.45	233.92	29.8643	-0.5607	0.0306
620	SLU 48	-1.73	0.3	238.18	30.3902	-0.5758	0.0329
620	SLU 49	-1.73	0.42	238.27	30.4058	-0.5728	0.0327
620	SLU 50	-1.72	0.24	236.4	30.1674	-0.5747	0.0315
620	SLU 51	-1.73	0.36	236.49	30.1831	-0.5717	0.0314
620	SLU 52	-1.68	0.65	255.44	32.648	-0.601	0.0194
620	SLU 53	-1.71	0.49	259.7	33.1738	-0.6161	0.0217
620	SLU 54	-1.71	0.62	259.79	33.1895	-0.613	0.0215
620	SLU 55	-1.71	0.65	258.07	32.9771	-0.6099	0.02
620	SLU 56	-1.73	0.49	262.33	33.503	-0.625	0.0223
620	SLU 57	-1.74	0.62	262.41	33.5187	-0.622	0.0221



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
620	SLU 58	-1.73	0.43	260.54	33.2803	-0.6239	0.0209
620	SLU 59	-1.73	0.56	260.63	33.2959	-0.6209	0.0207
620	SLU 60	-1.68	0.52	265.65	33.956	-0.6271	0.0151
620	SLU 61	-1.68	0.65	265.73	33.9716	-0.6241	0.0149
620	SLU 62	-1.7	0.52	268.27	34.2852	-0.6361	0.0157
620	SLU 63	-1.71	0.65	268.36	34.3008	-0.6331	0.0155
620	SLU 64	-1.78	0.75	253.35	32.4545	-0.5098	0.0405
620	SLU 65	-1.79	0.96	253.5	32.4805	-0.5048	0.0402
620	SLU 66	-1.81	0.8	257.76	33.0064	-0.5199	0.0425
620	SLU 67	-1.82	0.93	257.84	33.0221	-0.5169	0.0423
620	SLU 68	-1.81	0.96	256.12	32.8097	-0.5138	0.0408
620	SLU 69	-1.84	0.8	260.38	33.3356	-0.5289	0.0431
620	SLU 70	-1.84	0.93	260.47	33.3513	-0.5258	0.0429
620	SLU 71	-1.83	0.74	258.6	33.1128	-0.5278	0.0417
620	SLU 72	-1.83	0.87	258.69	33.1285	-0.5248	0.0415
620	SLU 73	-1.79	1.16	277.64	35.5934	-0.554	0.0296
620	SLU 74	-1.82	1	281.9	36.1193	-0.5691	0.0319
620	SLU 75	-1.82	1.13	281.99	36.1349	-0.5661	0.0317
620	SLU 76	-1.82	1.16	280.27	35.9226	-0.563	0.0302
620	SLU 77	-1.84	1	284.53	36.4485	-0.5781	0.0324
620	SLU 78	-1.84	1.13	284.61	36.4641	-0.5751	0.0323
620	SLU 79	-1.83	0.94	282.74	36.2257	-0.577	0.0311
620	SLU 80	-1.84	1.07	282.83	36.2414	-0.574	0.0309
620	SLU 81	-1.79	1.03	287.85	36.9014	-0.5802	0.0253
620	SLU 82	-1.79	1.16	287.93	36.917	-0.5772	0.0251
620	SLU 83	-1.81	1.03	290.47	37.2306	-0.5892	0.0259
620	SLU 84	-1.81	1.15	290.56	37.2462	-0.5861	0.0257
620	SLE RA 1	-1.35	0.46	190.01	24.3176	-0.4025	0.029
620	SLE RA 2	-1.35	0.6	190.11	24.335	-0.3991	0.0287
620	SLE RA 3	-1.37	0.5	192.94	24.6856	-0.4092	0.0303
620	SLE RA 4	-1.37	0.59	193	24.696	-0.4072	0.0301
620	SLE RA 5	-1.37	0.6	191.85	24.5545	-0.4051	0.0291
620	SLE RA 6	-1.38	0.5	194.69	24.9051	-0.4152	0.0307
620	SLE RA 7	-1.39	0.58	194.75	24.9155	-0.4132	0.0305
620	SLE RA 8	-1.38	0.46	193.51	24.7565	-0.4145	0.0297
620	SLE RA 9	-1.38	0.55	193.56	24.767	-0.4124	0.0296
620	SLE RA 10	-1.35	0.74	206.2	26.4102	-0.432	0.0216
620	SLE RA 11	-1.37	0.63	209.04	26.7608	-0.442	0.0232
620	SLE RA 12	-1.37	0.72	209.1	26.7713	-0.44	0.023
620	SLE RA 13	-1.37	0.74	207.95	26.6297	-0.4379	0.022
620	SLE RA 14	-1.39	0.63	210.79	26.9803	-0.448	0.0236
620	SLE RA 15	-1.39	0.72	210.85	26.9907	-0.446	0.0234
620	SLE RA 16	-1.38	0.59	209.6	26.8318	-0.4473	0.0226
620	SLE RA 17	-1.38	0.68	209.66	26.8422	-0.4453	0.0225
620	SLE RA 18	-1.35	0.65	213	27.2822	-0.4494	0.0188
620	SLE RA 19	-1.35	0.74	213.06	27.2927	-0.4474	0.0187
620	SLE RA 20	-1.37	0.65	214.75	27.5017	-0.4554	0.0192
620	SLE RA 21	-1.37	0.73	214.81	27.5121	-0.4534	0.0191
620	SLE FR 1	-1.35	0.46	190.01	24.3176	-0.4025	0.029
620	SLE FR 2	-1.35	0.49	190.03	24.3211	-0.4018	0.0289
620	SLE FR 3	-1.35	0.46	190.71	24.4054	-0.4049	0.0291
620	SLE FR 4	-1.35	0.55	196.93	25.2105	-0.4159	0.0259
620	SLE FR 5	-1.35	0.52	197.61	25.2948	-0.419	0.0261
620	SLE FR 6	-1.35	0.56	201.51	25.7999	-0.4259	0.0239
620	SLE QP 1	-1.35	0.46	190.01	24.3176	-0.4025	0.029
620	SLE QP 2	-1.35	0.52	196.91	25.207	-0.4166	0.0259
620	SLD 1	14.46	4.23	190.99	25.4795	0.1321	-1.9919
620	SLD 2	14.48	3.62	191.02	25.4433	0.1307	-1.9623
620	SLD 3	14.59	-1.31	191.99	25.3741	-0.0358	-2.058
620	SLD 4	14.61	-1.93	192.03	25.3379	-0.0371	-2.0284
620	SLD 5	3.18	10.15	193.6	25.4551	0.0029	-0.4845
620	SLD 6	3.2	9.75	193.62	25.4313	0.002	-0.465
620	SLD 7	3.64	-8.33	196.95	25.1038	-0.5567	-0.7048
620	SLD 8	3.65	-8.74	196.98	25.0799	-0.5576	-0.6853
620	SLD 9	-6.35	9.77	196.84	25.3341	-0.2755	0.7371
620	SLD 10	-6.33	9.37	196.86	25.3102	-0.2764	0.7566
620	SLD 11	-5.89	-8.71	200.19	24.9828	-0.8351	0.5168
620	SLD 12	-5.88	-9.12	200.22	24.9589	-0.836	0.5363
620	SLD 13	-17.31	2.97	201.78	25.0761	-0.796	2.0802
620	SLD 14	-17.29	2.35	201.82	25.0399	-0.7973	2.1098
620	SLD 15	-17.18	-2.58	202.79	24.9707	-0.9639	2.0141
620	SLD 16	-17.16	-3.2	202.83	24.9345	-0.9652	2.0437
620	SLV 1	35.63	9	183.08	25.8592	0.8616	-4.6966
620	SLV 2	35.68	7.56	183.17	25.7747	0.8585	-4.6277
620	SLV 3	35.95	-3.56	185.39	25.6196	0.4827	-4.8473
620	SLV 4	36	-5	185.48	25.5352	0.4796	-4.7784
620	SLV 5	9.26	22.37	189.25	25.7806	0.542	-1.1742
620	SLV 6	9.29	21.44	189.31	25.7259	0.54	-1.1297
620	SLV 7	10.31	-19.51	196.93	24.9822	-0.7208	-1.6766
620	SLV 8	10.34	-20.45	196.99	24.9275	-0.7229	-1.632
620	SLV 9	-13.04	21.48	196.83	25.4865	-0.1103	1.6838
620	SLV 10	-13.01	20.55	196.88	25.4318	-0.1123	1.7284
620	SLV 11	-11.99	-20.4	204.51	24.6881	-1.3731	1.1815
620	SLV 12	-11.96	-21.34	204.56	24.6334	-1.3752	1.226
620	SLV 13	-38.69	6.04	208.34	24.8788	-1.3127	4.8302
620	SLV 14	-38.65	4.6	208.43	24.7944	-1.3159	4.8991
620	SLV 15	-38.38	-6.53	210.64	24.6393	-1.6916	4.6795
620	SLV 16	-38.33	-7.97	210.73	24.5549	-1.6947	4.7484
620	CRTFP Ux+	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
620	CRTFP Ux-	0	0	0	0	0	0
620	CRTFP Uy+	0	0	0	0	0	0
620	CRTFP Uy-	0	0	0	0	0	0
623	SLU 1	-0.97	-0.91	149.81	-26.2999	2.423	-0.215
623	SLU 2	-0.97	-0.75	149.9	-26.3155	2.4272	-0.2201
623	SLU 3	-0.99	-0.89	153.41	-26.934	2.4804	-0.2204
623	SLU 4	-0.99	-0.79	153.46	-26.9434	2.4829	-0.2234
623	SLU 5	-0.99	-0.77	152.06	-26.7011	2.4606	-0.2234
623	SLU 6	-1	-0.9	155.57	-27.3196	2.5138	-0.2237
623	SLU 7	-1.01	-0.81	155.63	-27.3289	2.5163	-0.2267
623	SLU 8	-1	-0.95	154.14	-27.0711	2.4898	-0.2217
623	SLU 9	-1	-0.85	154.2	-27.0804	2.4923	-0.2247
623	SLU 10	-0.97	-0.69	169.59	-29.7524	2.7376	-0.2265
623	SLU 11	-0.99	-0.83	173.1	-30.3709	2.7909	-0.2268
623	SLU 12	-0.99	-0.73	173.16	-30.3803	2.7934	-0.2299
623	SLU 13	-0.99	-0.71	171.76	-30.1379	2.7711	-0.2299
623	SLU 14	-1	-0.85	175.27	-30.7565	2.8243	-0.2302
623	SLU 15	-1.01	-0.75	175.32	-30.7658	2.8268	-0.2332
623	SLU 16	-1	-0.89	173.84	-30.5079	2.8003	-0.2281
623	SLU 17	-1	-0.79	173.89	-30.5173	2.8028	-0.2312
623	SLU 18	-0.96	-0.83	177.95	-31.2098	2.8665	-0.2243
623	SLU 19	-0.97	-0.73	178	-31.2191	2.869	-0.2273
623	SLU 20	-0.98	-0.85	180.11	-31.5953	2.8999	-0.2276
623	SLU 21	-0.99	-0.75	180.16	-31.6047	2.9024	-0.2306
623	SLU 22	-1.04	-0.58	167.3	-29.2756	2.7445	-0.2377
623	SLU 23	-1.04	-0.41	167.39	-29.2911	2.7487	-0.2427
623	SLU 24	-1.06	-0.55	170.9	-29.9097	2.8019	-0.243
623	SLU 25	-1.06	-0.45	170.96	-29.919	2.8045	-0.246
623	SLU 26	-1.06	-0.43	169.56	-29.6767	2.7822	-0.246
623	SLU 27	-1.08	-0.57	173.07	-30.2952	2.8354	-0.2463
623	SLU 28	-1.08	-0.47	173.12	-30.3046	2.8379	-0.2494
623	SLU 29	-1.07	-0.61	171.64	-30.0467	2.8114	-0.2443
623	SLU 30	-1.08	-0.52	171.69	-30.056	2.8139	-0.2473
623	SLU 31	-1.04	-0.36	187.09	-32.728	3.0592	-0.2492
623	SLU 32	-1.06	-0.5	190.6	-33.3466	3.1124	-0.2495
623	SLU 33	-1.06	-0.4	190.65	-33.3559	3.1149	-0.2525
623	SLU 34	-1.06	-0.38	189.25	-33.1136	3.0926	-0.2525
623	SLU 35	-1.08	-0.51	192.76	-33.7321	3.1458	-0.2528
623	SLU 36	-1.08	-0.42	192.82	-33.7415	3.1484	-0.2558
623	SLU 37	-1.07	-0.56	191.33	-33.4836	3.1218	-0.2508
623	SLU 38	-1.07	-0.46	191.39	-33.4929	3.1244	-0.2538
623	SLU 39	-1.04	-0.5	195.44	-34.1854	3.188	-0.2469
623	SLU 40	-1.04	-0.4	195.49	-34.1947	3.1906	-0.25
623	SLU 41	-1.05	-0.51	197.61	-34.571	3.2215	-0.2503
623	SLU 42	-1.06	-0.42	197.66	-34.5803	3.224	-0.2533
623	SLU 43	-1.23	-1.3	188.75	-33.1697	3.0396	-0.2718
623	SLU 44	-1.24	-1.13	188.84	-33.1852	3.0438	-0.2768
623	SLU 45	-1.25	-1.27	192.35	-33.8038	3.097	-0.2771
623	SLU 46	-1.26	-1.17	192.41	-33.8131	3.0996	-0.2801
623	SLU 47	-1.25	-1.15	191.01	-33.5708	3.0772	-0.2801
623	SLU 48	-1.27	-1.29	194.52	-34.1894	3.1305	-0.2804
623	SLU 49	-1.27	-1.19	194.57	-34.1987	3.133	-0.2834
623	SLU 50	-1.26	-1.34	193.09	-33.9408	3.1065	-0.2784
623	SLU 51	-1.27	-1.24	193.14	-33.9502	3.109	-0.2814
623	SLU 52	-1.24	-1.08	208.54	-36.6221	3.3543	-0.2833
623	SLU 53	-1.25	-1.22	212.05	-37.2407	3.4075	-0.2836
623	SLU 54	-1.26	-1.12	212.1	-37.25	3.41	-0.2866
623	SLU 55	-1.25	-1.1	210.7	-37.0077	3.3877	-0.2866
623	SLU 56	-1.27	-1.23	214.21	-37.6262	3.4409	-0.2869
623	SLU 57	-1.27	-1.14	214.27	-37.6356	3.4435	-0.2899
623	SLU 58	-1.26	-1.28	212.78	-37.3777	3.4169	-0.2849
623	SLU 59	-1.27	-1.18	212.83	-37.387	3.4194	-0.2879
623	SLU 60	-1.23	-1.22	216.89	-38.0795	3.4831	-0.281
623	SLU 61	-1.23	-1.12	216.94	-38.0889	3.4856	-0.284
623	SLU 62	-1.25	-1.24	219.06	-38.4651	3.5165	-0.2843
623	SLU 63	-1.25	-1.14	219.11	-38.4744	3.5191	-0.2874
623	SLU 64	-1.3	-0.96	206.25	-36.1453	3.3611	-0.2944
623	SLU 65	-1.31	-0.8	206.34	-36.1609	3.3654	-0.2995
623	SLU 66	-1.32	-0.94	209.85	-36.7794	3.4186	-0.2998
623	SLU 67	-1.33	-0.84	209.9	-36.7888	3.4211	-0.3028
623	SLU 68	-1.33	-0.82	208.5	-36.5464	3.3988	-0.3028
623	SLU 69	-1.34	-0.96	212.01	-37.165	3.452	-0.3031
623	SLU 70	-1.35	-0.86	212.07	-37.1743	3.4545	-0.3061
623	SLU 71	-1.34	-1	210.58	-36.9164	3.428	-0.3011
623	SLU 72	-1.34	-0.9	210.63	-36.9258	3.4305	-0.3041
623	SLU 73	-1.31	-0.74	226.03	-39.5978	3.6758	-0.3059
623	SLU 74	-1.32	-0.88	229.54	-40.2163	3.7291	-0.3062
623	SLU 75	-1.33	-0.78	229.6	-40.2257	3.7316	-0.3093
623	SLU 76	-1.33	-0.76	228.2	-39.9833	3.7093	-0.3093
623	SLU 77	-1.34	-0.9	231.71	-40.6019	3.7625	-0.3096
623	SLU 78	-1.34	-0.8	231.76	-40.6112	3.765	-0.3126
623	SLU 79	-1.34	-0.95	230.28	-40.3533	3.7385	-0.3075
623	SLU 80	-1.34	-0.85	230.33	-40.3627	3.741	-0.3106
623	SLU 81	-1.3	-0.88	234.39	-41.0552	3.8047	-0.3037
623	SLU 82	-1.31	-0.78	234.44	-41.0645	3.8072	-0.3067
623	SLU 83	-1.32	-0.9	236.55	-41.4407	3.8381	-0.307
623	SLU 84	-1.32	-0.8	236.6	-41.4501	3.8406	-0.31
623	SLE RA 1	-0.99	-0.82	154.81	-27.1501	2.5148	-0.2215
623	SLE RA 2	-0.99	-0.71	154.87	-27.1605	2.5176	-0.2249



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
623	SLE RA 3	-1	-0.8	157.21	-27.5728	2.5531	-0.2251
623	SLE RA 4	-1	-0.73	157.24	-27.5791	2.5548	-0.2271
623	SLE RA 5	-1	-0.72	156.31	-27.4175	2.5399	-0.2271
623	SLE RA 6	-1.01	-0.81	158.65	-27.8299	2.5754	-0.2273
623	SLE RA 7	-1.01	-0.75	158.69	-27.8361	2.5771	-0.2293
623	SLE RA 8	-1.01	-0.84	157.7	-27.6642	2.5594	-0.2259
623	SLE RA 9	-1.01	-0.77	157.73	-27.6704	2.5611	-0.2279
623	SLE RA 10	-0.99	-0.67	168	-29.4517	2.7246	-0.2292
623	SLE RA 11	-1	-0.76	170.34	-29.8641	2.7601	-0.2294
623	SLE RA 12	-1	-0.69	170.37	-29.8703	2.7618	-0.2314
623	SLE RA 13	-1	-0.68	169.44	-29.7088	2.7469	-0.2314
623	SLE RA 14	-1.01	-0.77	171.78	-30.1211	2.7824	-0.2316
623	SLE RA 15	-1.01	-0.71	171.82	-30.1274	2.7841	-0.2336
623	SLE RA 16	-1.01	-0.8	170.83	-29.9555	2.7664	-0.2302
623	SLE RA 17	-1.01	-0.74	170.86	-29.9617	2.7681	-0.2323
623	SLE RA 18	-0.99	-0.76	173.57	-30.4233	2.8105	-0.2277
623	SLE RA 19	-0.99	-0.7	173.6	-30.4296	2.8122	-0.2297
623	SLE RA 20	-1	-0.77	175.01	-30.6804	2.8328	-0.2299
623	SLE RA 21	-1	-0.71	175.04	-30.6866	2.8345	-0.2319
623	SLE FR 1	-0.99	-0.82	154.81	-27.1501	2.5148	-0.2215
623	SLE FR 2	-0.99	-0.79	154.82	-27.1522	2.5154	-0.2222
623	SLE FR 3	-0.99	-0.82	155.39	-27.2529	2.5237	-0.2224
623	SLE FR 4	-0.99	-0.78	160.45	-28.1342	2.6041	-0.224
623	SLE FR 5	-0.99	-0.8	161.01	-28.2349	2.6124	-0.2242
623	SLE FR 6	-0.99	-0.79	164.19	-28.7867	2.6627	-0.2246
623	SLE QP 1	-0.99	-0.82	154.81	-27.1501	2.5148	-0.2215
623	SLE QP 2	-0.99	-0.8	160.44	-28.1321	2.6035	-0.2234
623	SLD 1	11.87	2.13	153.96	-26.8205	2.5569	1.8769
623	SLD 2	11.96	1.79	154.02	-26.8486	2.5558	1.9222
623	SLD 3	11.76	-2.51	155.79	-27.181	2.4908	1.9484
623	SLD 4	11.85	-2.86	155.85	-27.2091	2.4897	1.9937
623	SLD 5	3.03	7.19	155.71	-27.1868	2.69	0.2901
623	SLD 6	3.09	6.96	155.74	-27.2053	2.6892	0.3199
623	SLD 7	2.65	-8.3	161.81	-28.3885	2.4697	0.5285
623	SLD 8	2.7	-8.52	161.84	-28.407	2.469	0.5583
623	SLD 9	-4.68	6.92	159.03	-27.8572	2.7381	-1.005
623	SLD 10	-4.62	6.7	159.06	-27.8756	2.7374	-0.9752
623	SLD 11	-5.06	-8.56	165.13	-29.0589	2.5178	-0.7666
623	SLD 12	-5	-8.78	165.16	-29.0773	2.5171	-0.7368
623	SLD 13	-13.82	1.26	165.03	-29.0551	2.7173	-2.4404
623	SLD 14	-13.73	0.92	165.08	-29.0831	2.7162	-2.3951
623	SLD 15	-13.93	-3.38	166.86	-29.4156	2.6513	-2.3689
623	SLD 16	-13.85	-3.73	166.91	-29.4436	2.6501	-2.3236
623	SLV 1	29.1	5.88	145.36	-25.075	2.4918	4.6929
623	SLV 2	29.3	5.08	145.48	-25.1403	2.4893	4.7983
623	SLV 3	28.83	-4.65	149.5	-25.8905	2.3426	4.8557
623	SLV 4	29.03	-5.45	149.62	-25.9558	2.3401	4.961
623	SLV 5	8.41	17.31	149.61	-25.9667	2.7967	0.9864
623	SLV 6	8.54	16.79	149.69	-26.009	2.7951	1.0546
623	SLV 7	7.52	-17.78	163.42	-28.6852	2.2994	1.5289
623	SLV 8	7.65	-18.3	163.5	-28.7274	2.2978	1.5971
623	SLV 9	-9.62	16.7	157.38	-27.5367	2.9093	-2.0438
623	SLV 10	-9.49	16.18	157.45	-27.579	2.9076	-1.9756
623	SLV 11	-10.51	-18.39	171.18	-30.2552	2.412	-1.5013
623	SLV 12	-10.38	-18.91	171.26	-30.2974	2.4103	-1.4331
623	SLV 13	-31.01	3.85	171.25	-30.3083	2.867	-5.4078
623	SLV 14	-30.8	3.05	171.37	-30.3736	2.8644	-5.3024
623	SLV 15	-31.27	-6.68	175.39	-31.1239	2.7178	-5.245
623	SLV 16	-31.07	-7.48	175.51	-31.1891	2.7152	-5.1396
623	CRTFP Ux+	0	0	0	0	0	0
623	CRTFP Ux-	0	0	0	0	0	0
623	CRTFP Uy+	0	0	0	0	0	0
623	CRTFP Uy-	0	0	0	0	0	0
624	SLU 1	-0.06	-0.13	16.4	3.4701	-0.5101	0.0109
624	SLU 2	-0.06	-0.11	16.41	3.4715	-0.5103	0.0117
624	SLU 3	-0.06	-0.13	16.79	3.551	-0.5224	0.0114
624	SLU 4	-0.06	-0.12	16.8	3.5518	-0.5225	0.0118
624	SLU 5	-0.06	-0.11	16.64	3.5204	-0.5177	0.0119
624	SLU 6	-0.06	-0.13	17.03	3.5999	-0.5297	0.0116
624	SLU 7	-0.06	-0.12	17.03	3.6007	-0.5299	0.0121
624	SLU 8	-0.06	-0.13	16.87	3.5679	-0.5248	0.0114
624	SLU 9	-0.06	-0.12	16.88	3.5688	-0.525	0.0118
624	SLU 10	-0.06	-0.11	18.57	3.9234	-0.5778	0.011
624	SLU 11	-0.06	-0.12	18.96	4.0029	-0.5898	0.0107
624	SLU 12	-0.06	-0.11	18.96	4.0038	-0.5899	0.0112
624	SLU 13	-0.06	-0.11	18.81	3.9723	-0.5851	0.0112
624	SLU 14	-0.06	-0.13	19.2	4.0518	-0.5972	0.011
624	SLU 15	-0.06	-0.12	19.2	4.0527	-0.5973	0.0114
624	SLU 16	-0.06	-0.13	19.04	4.0199	-0.5923	0.0108
624	SLU 17	-0.06	-0.12	19.04	4.0207	-0.5924	0.0112
624	SLU 18	-0.06	-0.12	19.49	4.1158	-0.6065	0.01
624	SLU 19	-0.06	-0.11	19.5	4.1166	-0.6066	0.0104
624	SLU 20	-0.06	-0.13	19.73	4.1647	-0.6138	0.0102
624	SLU 21	-0.06	-0.12	19.73	4.1655	-0.6139	0.0107
624	SLU 22	-0.07	-0.09	18.33	3.8743	-0.57	0.0132
624	SLU 23	-0.07	-0.08	18.34	3.8757	-0.5702	0.0139
624	SLU 24	-0.07	-0.09	18.72	3.9552	-0.5823	0.0137
624	SLU 25	-0.07	-0.08	18.73	3.956	-0.5824	0.0141
624	SLU 26	-0.07	-0.08	18.57	3.9246	-0.5776	0.0142



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
624	SLU 27	-0.07	-0.09	18.96	4.0041	-0.5896	0.0139
624	SLU 28	-0.07	-0.08	18.97	4.0049	-0.5897	0.0143
624	SLU 29	-0.07	-0.1	18.8	3.9721	-0.5847	0.0137
624	SLU 30	-0.07	-0.09	18.81	3.9729	-0.5848	0.0141
624	SLU 31	-0.06	-0.07	20.5	4.3276	-0.6376	0.0133
624	SLU 32	-0.06	-0.09	20.89	4.4071	-0.6497	0.013
624	SLU 33	-0.07	-0.08	20.9	4.4079	-0.6498	0.0134
624	SLU 34	-0.07	-0.08	20.74	4.3765	-0.645	0.0135
624	SLU 35	-0.07	-0.09	21.13	4.456	-0.657	0.0132
624	SLU 36	-0.07	-0.08	21.13	4.4568	-0.6572	0.0137
624	SLU 37	-0.07	-0.1	20.97	4.4241	-0.6521	0.013
624	SLU 38	-0.07	-0.09	20.97	4.4249	-0.6523	0.0135
624	SLU 39	-0.06	-0.09	21.43	4.5199	-0.6663	0.0123
624	SLU 40	-0.06	-0.08	21.43	4.5208	-0.6665	0.0127
624	SLU 41	-0.06	-0.09	21.66	4.5688	-0.6737	0.0125
624	SLU 42	-0.06	-0.08	21.67	4.5697	-0.6738	0.0129
624	SLU 43	-0.08	-0.18	20.66	4.3726	-0.6426	0.0135
624	SLU 44	-0.08	-0.16	20.66	4.374	-0.6428	0.0142
624	SLU 45	-0.08	-0.18	21.05	4.4535	-0.6549	0.0139
624	SLU 46	-0.08	-0.17	21.05	4.4543	-0.655	0.0143
624	SLU 47	-0.08	-0.16	20.9	4.4229	-0.6502	0.0144
624	SLU 48	-0.08	-0.18	21.29	4.5024	-0.6622	0.0141
624	SLU 49	-0.08	-0.17	21.29	4.5032	-0.6624	0.0146
624	SLU 50	-0.08	-0.19	21.13	4.4704	-0.6573	0.0139
624	SLU 51	-0.08	-0.17	21.13	4.4712	-0.6575	0.0143
624	SLU 52	-0.08	-0.16	22.83	4.8259	-0.7103	0.0135
624	SLU 53	-0.08	-0.17	23.22	4.9054	-0.7223	0.0132
624	SLU 54	-0.08	-0.16	23.22	4.9062	-0.7224	0.0137
624	SLU 55	-0.08	-0.16	23.07	4.8748	-0.7176	0.0137
624	SLU 56	-0.08	-0.18	23.45	4.9543	-0.7297	0.0135
624	SLU 57	-0.08	-0.17	23.46	4.9551	-0.7298	0.0139
624	SLU 58	-0.08	-0.18	23.3	4.9224	-0.7248	0.0133
624	SLU 59	-0.08	-0.17	23.3	4.9232	-0.7249	0.0137
624	SLU 60	-0.07	-0.18	23.75	5.0183	-0.739	0.0125
624	SLU 61	-0.07	-0.16	23.76	5.0191	-0.7391	0.0129
624	SLU 62	-0.08	-0.18	23.99	5.0672	-0.7463	0.0127
624	SLU 63	-0.08	-0.17	23.99	5.068	-0.7464	0.0132
624	SLU 64	-0.08	-0.15	22.59	4.7768	-0.7025	0.0157
624	SLU 65	-0.08	-0.13	22.6	4.7781	-0.7027	0.0164
624	SLU 66	-0.08	-0.14	22.98	4.8576	-0.7148	0.0162
624	SLU 67	-0.08	-0.13	22.99	4.8584	-0.7149	0.0166
624	SLU 68	-0.08	-0.13	22.83	4.827	-0.7101	0.0167
624	SLU 69	-0.09	-0.15	23.22	4.9065	-0.7221	0.0164
624	SLU 70	-0.09	-0.14	23.22	4.9073	-0.7223	0.0168
624	SLU 71	-0.09	-0.15	23.06	4.8746	-0.7172	0.0162
624	SLU 72	-0.09	-0.14	23.07	4.8754	-0.7174	0.0166
624	SLU 73	-0.08	-0.12	24.76	5.2301	-0.7702	0.0158
624	SLU 74	-0.08	-0.14	25.15	5.3096	-0.7822	0.0155
624	SLU 75	-0.08	-0.13	25.15	5.3104	-0.7823	0.0159
624	SLU 76	-0.08	-0.13	25	5.279	-0.7775	0.016
624	SLU 77	-0.08	-0.14	25.38	5.3585	-0.7896	0.0158
624	SLU 78	-0.08	-0.13	25.39	5.3593	-0.7897	0.0162
624	SLU 79	-0.08	-0.15	25.23	5.3265	-0.7847	0.0155
624	SLU 80	-0.08	-0.14	25.23	5.3273	-0.7848	0.016
624	SLU 81	-0.08	-0.14	25.68	5.4224	-0.7988	0.0148
624	SLU 82	-0.08	-0.13	25.69	5.4232	-0.799	0.0152
624	SLU 83	-0.08	-0.14	25.92	5.4713	-0.8062	0.015
624	SLU 84	-0.08	-0.13	25.92	5.4721	-0.8063	0.0154
624	SLE RA 1	-0.06	-0.12	16.95	3.5856	-0.5272	0.0116
624	SLE RA 2	-0.06	-0.11	16.96	3.5865	-0.5274	0.0121
624	SLE RA 3	-0.06	-0.12	17.21	3.6395	-0.5354	0.0119
624	SLE RA 4	-0.06	-0.11	17.22	3.6401	-0.5355	0.0122
624	SLE RA 5	-0.06	-0.11	17.11	3.6191	-0.5323	0.0122
624	SLE RA 6	-0.06	-0.12	17.37	3.6721	-0.5403	0.0121
624	SLE RA 7	-0.06	-0.11	17.37	3.6727	-0.5404	0.0123
624	SLE RA 8	-0.06	-0.12	17.27	3.6508	-0.537	0.0119
624	SLE RA 9	-0.06	-0.12	17.27	3.6514	-0.5371	0.0122
624	SLE RA 10	-0.06	-0.11	18.4	3.8878	-0.5723	0.0116
624	SLE RA 11	-0.06	-0.12	18.66	3.9408	-0.5804	0.0115
624	SLE RA 12	-0.06	-0.11	18.66	3.9414	-0.5804	0.0117
624	SLE RA 13	-0.06	-0.11	18.56	3.9204	-0.5772	0.0118
624	SLE RA 14	-0.06	-0.12	18.82	3.9734	-0.5853	0.0116
624	SLE RA 15	-0.06	-0.11	18.82	3.974	-0.5853	0.0119
624	SLE RA 16	-0.06	-0.12	18.71	3.9521	-0.582	0.0115
624	SLE RA 17	-0.06	-0.11	18.71	3.9527	-0.5821	0.0118
624	SLE RA 18	-0.06	-0.12	19.01	4.016	-0.5915	0.011
624	SLE RA 19	-0.06	-0.11	19.02	4.0166	-0.5915	0.0113
624	SLE RA 20	-0.06	-0.12	19.17	4.0486	-0.5964	0.0111
624	SLE RA 21	-0.06	-0.11	19.17	4.0492	-0.5964	0.0114
624	SLE FR 1	-0.06	-0.12	16.95	3.5856	-0.5272	0.0116
624	SLE FR 2	-0.06	-0.12	16.95	3.5858	-0.5273	0.0117
624	SLE FR 3	-0.06	-0.12	17.01	3.5987	-0.5292	0.0117
624	SLE FR 4	-0.06	-0.12	17.57	3.7149	-0.5465	0.0115
624	SLE FR 5	-0.06	-0.12	17.63	3.7278	-0.5485	0.0115
624	SLE FR 6	-0.06	-0.12	17.98	3.8008	-0.5594	0.0113
624	SLE QP 1	-0.06	-0.12	16.95	3.5856	-0.5272	0.0116
624	SLE QP 2	-0.06	-0.12	17.57	3.7147	-0.5465	0.0114
624	SLD 1	1.35	0.2	16.88	3.6711	-0.5248	-0.334
624	SLD 2	1.35	0.17	16.88	3.6671	-0.5248	-0.3347



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
624	SLD 3	1.37	-0.32	17.13	3.7246	-0.5332	-0.3504
624	SLD 4	1.36	-0.35	17.13	3.7206	-0.5332	-0.3511
624	SLD 5	0.34	0.77	16.99	3.6211	-0.5272	-0.0672
624	SLD 6	0.34	0.75	16.99	3.6185	-0.5272	-0.0677
624	SLD 7	0.38	-0.96	17.81	3.7996	-0.5554	-0.1219
624	SLD 8	0.38	-0.98	17.81	3.797	-0.5553	-0.1224
624	SLD 9	-0.51	0.74	17.33	3.6325	-0.5377	0.1452
624	SLD 10	-0.51	0.72	17.33	3.6298	-0.5377	0.1447
624	SLD 11	-0.47	-0.99	18.15	3.811	-0.5658	0.0905
624	SLD 12	-0.47	-1.01	18.15	3.8083	-0.5658	0.09
624	SLD 13	-1.49	0.11	18.01	3.7089	-0.5598	0.3739
624	SLD 14	-1.49	0.08	18.01	3.7049	-0.5598	0.3732
624	SLD 15	-1.48	-0.41	18.26	3.7624	-0.5682	0.3575
624	SLD 16	-1.48	-0.44	18.26	3.7584	-0.5682	0.3568
624	SLV 1	3.25	0.61	15.97	3.6139	-0.496	-0.7973
624	SLV 2	3.25	0.54	15.97	3.6046	-0.496	-0.7989
624	SLV 3	3.28	-0.56	16.53	3.7353	-0.5151	-0.8346
624	SLV 4	3.28	-0.63	16.53	3.726	-0.5151	-0.8362
624	SLV 5	0.89	1.89	16.24	3.5021	-0.5024	-0.1743
624	SLV 6	0.89	1.85	16.24	3.4961	-0.5023	-0.1754
624	SLV 7	0.98	-2.02	18.11	3.9065	-0.5661	-0.2987
624	SLV 8	0.98	-2.07	18.11	3.9005	-0.5661	-0.2997
624	SLV 9	-1.1	1.83	17.03	3.529	-0.5269	0.3225
624	SLV 10	-1.11	1.78	17.03	3.523	-0.5269	0.3215
624	SLV 11	-1.01	-2.08	18.9	3.9334	-0.5907	0.1982
624	SLV 12	-1.01	-2.13	18.9	3.9274	-0.5907	0.1971
624	SLV 13	-3.4	0.4	18.61	3.7035	-0.5779	0.859
624	SLV 14	-3.4	0.33	18.61	3.6942	-0.5779	0.8574
624	SLV 15	-3.37	-0.78	19.17	3.8249	-0.597	0.8217
624	SLV 16	-3.37	-0.85	19.17	3.8155	-0.597	0.8201
624	CRTFP Ux+	0	0	0	0	0	0
624	CRTFP Ux-	0	0	0	0	0	0
624	CRTFP Uy+	0	0	0	0	0	0
624	CRTFP Uy-	0	0	0	0	0	0
626	SLU 1	-0.13	-0.46	48.39	10.1665	-9.0802	-0.0599
626	SLU 2	-0.13	-0.41	48.41	10.1683	-9.0825	-0.0488
626	SLU 3	-0.13	-0.46	49.55	10.4041	-9.2982	-0.0581
626	SLU 4	-0.13	-0.43	49.56	10.4052	-9.2996	-0.0514
626	SLU 5	-0.13	-0.42	49.1	10.3126	-9.2134	-0.0496
626	SLU 6	-0.13	-0.47	50.25	10.5484	-9.4291	-0.0588
626	SLU 7	-0.13	-0.43	50.26	10.5494	-9.4305	-0.0522
626	SLU 8	-0.13	-0.48	49.79	10.4551	-9.3419	-0.0614
626	SLU 9	-0.13	-0.45	49.8	10.4561	-9.3433	-0.0547
626	SLU 10	-0.12	-0.41	54.81	11.4902	-10.2838	-0.0513
626	SLU 11	-0.12	-0.46	55.95	11.726	-10.4995	-0.0606
626	SLU 12	-0.12	-0.42	55.96	11.7271	-10.5009	-0.0539
626	SLU 13	-0.12	-0.41	55.5	11.6345	-10.4147	-0.052
626	SLU 14	-0.12	-0.46	56.65	11.8703	-10.6304	-0.0613
626	SLU 15	-0.12	-0.43	56.66	11.8713	-10.6318	-0.0546
626	SLU 16	-0.12	-0.48	56.19	11.777	-10.5433	-0.0639
626	SLU 17	-0.12	-0.44	56.2	11.7781	-10.5447	-0.0572
626	SLU 18	-0.11	-0.46	57.53	12.055	-10.7963	-0.0635
626	SLU 19	-0.11	-0.43	57.54	12.056	-10.7977	-0.0568
626	SLU 20	-0.12	-0.47	58.23	12.1993	-10.9272	-0.0642
626	SLU 21	-0.12	-0.44	58.24	12.2003	-10.9286	-0.0575
626	SLU 22	-0.14	-0.37	54.03	11.3282	-10.1348	-0.0396
626	SLU 23	-0.14	-0.31	54.05	11.33	-10.1371	-0.0285
626	SLU 24	-0.14	-0.36	55.2	11.5658	-10.3528	-0.0378
626	SLU 25	-0.14	-0.33	55.21	11.5669	-10.3542	-0.0311
626	SLU 26	-0.14	-0.32	54.75	11.4743	-10.268	-0.0292
626	SLU 27	-0.14	-0.37	55.89	11.7101	-10.4837	-0.0385
626	SLU 28	-0.14	-0.34	55.9	11.7111	-10.4851	-0.0318
626	SLU 29	-0.14	-0.38	55.43	11.6168	-10.3966	-0.0411
626	SLU 30	-0.14	-0.35	55.44	11.6179	-10.398	-0.0344
626	SLU 31	-0.13	-0.31	60.45	12.6519	-11.3384	-0.031
626	SLU 32	-0.13	-0.36	61.6	12.8877	-11.5541	-0.0402
626	SLU 33	-0.13	-0.33	61.61	12.8888	-11.5555	-0.0336
626	SLU 34	-0.13	-0.32	61.15	12.7962	-11.4693	-0.0317
626	SLU 35	-0.13	-0.37	62.29	13.032	-11.685	-0.041
626	SLU 36	-0.13	-0.33	62.3	13.0331	-11.6864	-0.0343
626	SLU 37	-0.13	-0.38	61.83	12.9387	-11.5979	-0.0436
626	SLU 38	-0.13	-0.35	61.84	12.9398	-11.5993	-0.0369
626	SLU 39	-0.12	-0.36	63.18	13.2167	-11.851	-0.0431
626	SLU 40	-0.12	-0.33	63.19	13.2177	-11.8524	-0.0365
626	SLU 41	-0.13	-0.37	63.88	13.361	-11.9819	-0.0439
626	SLU 42	-0.13	-0.34	63.88	13.362	-11.9833	-0.0372
626	SLU 43	-0.16	-0.64	60.97	12.8182	-11.4426	-0.0849
626	SLU 44	-0.16	-0.58	60.99	12.8199	-11.4449	-0.0738
626	SLU 45	-0.16	-0.63	62.14	13.0558	-11.6606	-0.083
626	SLU 46	-0.17	-0.6	62.15	13.0568	-11.662	-0.0764
626	SLU 47	-0.17	-0.59	61.69	12.9642	-11.5758	-0.0745
626	SLU 48	-0.17	-0.64	62.83	13.2	-11.7915	-0.0838
626	SLU 49	-0.17	-0.61	62.84	13.2011	-11.7929	-0.0771
626	SLU 50	-0.17	-0.65	62.37	13.1068	-11.7044	-0.0864
626	SLU 51	-0.17	-0.62	62.38	13.1078	-11.7058	-0.0797
626	SLU 52	-0.15	-0.58	67.39	14.1419	-12.6462	-0.0762
626	SLU 53	-0.16	-0.63	68.54	14.3777	-12.8619	-0.0855
626	SLU 54	-0.16	-0.6	68.55	14.3787	-12.8633	-0.0788
626	SLU 55	-0.16	-0.59	68.09	14.2861	-12.7771	-0.077



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
626	SLU 56	-0.16	-0.64	69.23	14.522	-12.9928	-0.0863
626	SLU 57	-0.16	-0.6	69.24	14.523	-12.9942	-0.0796
626	SLU 58	-0.16	-0.65	68.77	14.4287	-12.9057	-0.0888
626	SLU 59	-0.16	-0.62	68.78	14.4297	-12.9071	-0.0822
626	SLU 60	-0.15	-0.63	70.12	14.7066	-13.1588	-0.0884
626	SLU 61	-0.15	-0.6	70.13	14.7077	-13.1602	-0.0818
626	SLU 62	-0.15	-0.64	70.81	14.8509	-13.2897	-0.0892
626	SLU 63	-0.15	-0.61	70.82	14.852	-13.2911	-0.0825
626	SLU 64	-0.17	-0.54	66.62	13.9799	-12.4973	-0.0646
626	SLU 65	-0.17	-0.48	66.63	13.9817	-12.4996	-0.0534
626	SLU 66	-0.17	-0.53	67.78	14.2175	-12.7153	-0.0627
626	SLU 67	-0.18	-0.5	67.79	14.2185	-12.7167	-0.056
626	SLU 68	-0.18	-0.49	67.33	14.1259	-12.6305	-0.0542
626	SLU 69	-0.18	-0.54	68.48	14.3618	-12.8462	-0.0635
626	SLU 70	-0.18	-0.51	68.49	14.3628	-12.8476	-0.0568
626	SLU 71	-0.18	-0.56	68.01	14.2685	-12.759	-0.066
626	SLU 72	-0.18	-0.52	68.02	14.2695	-12.7604	-0.0594
626	SLU 73	-0.16	-0.48	73.03	15.3036	-13.7009	-0.0559
626	SLU 74	-0.16	-0.53	74.18	15.5394	-13.9166	-0.0652
626	SLU 75	-0.17	-0.5	74.19	15.5404	-13.918	-0.0585
626	SLU 76	-0.17	-0.49	73.73	15.4478	-13.8318	-0.0567
626	SLU 77	-0.17	-0.54	74.88	15.6837	-14.0475	-0.0659
626	SLU 78	-0.17	-0.51	74.89	15.6847	-14.0489	-0.0593
626	SLU 79	-0.17	-0.55	74.41	15.5904	-13.9604	-0.0685
626	SLU 80	-0.17	-0.52	74.42	15.5914	-13.9618	-0.0618
626	SLU 81	-0.16	-0.54	75.76	15.8683	-14.2134	-0.0681
626	SLU 82	-0.16	-0.5	75.77	15.8694	-14.2148	-0.0614
626	SLU 83	-0.16	-0.54	76.46	16.0126	-14.3443	-0.0688
626	SLU 84	-0.16	-0.51	76.47	16.0137	-14.3457	-0.0622
626	SLE RA 1	-0.13	-0.44	50	10.4985	-9.3815	-0.0541
626	SLE RA 2	-0.13	-0.4	50.01	10.4996	-9.383	-0.0467
626	SLE RA 3	-0.13	-0.43	50.78	10.6568	-9.5268	-0.0529
626	SLE RA 4	-0.13	-0.41	50.78	10.6575	-9.5278	-0.0485
626	SLE RA 5	-0.13	-0.4	50.48	10.5958	-9.4703	-0.0472
626	SLE RA 6	-0.13	-0.44	51.24	10.753	-9.6141	-0.0534
626	SLE RA 7	-0.13	-0.42	51.25	10.7537	-9.615	-0.0489
626	SLE RA 8	-0.13	-0.45	50.93	10.6908	-9.556	-0.0551
626	SLE RA 9	-0.13	-0.42	50.94	10.6915	-9.5569	-0.0507
626	SLE RA 10	-0.12	-0.4	54.28	11.3809	-10.1839	-0.0484
626	SLE RA 11	-0.13	-0.43	55.05	11.5381	-10.3277	-0.0545
626	SLE RA 12	-0.13	-0.41	55.05	11.5388	-10.3286	-0.0501
626	SLE RA 13	-0.13	-0.4	54.75	11.4771	-10.2712	-0.0489
626	SLE RA 14	-0.13	-0.44	55.51	11.6343	-10.415	-0.055
626	SLE RA 15	-0.13	-0.41	55.52	11.635	-10.4159	-0.0506
626	SLE RA 16	-0.13	-0.45	55.2	11.5721	-10.3569	-0.0568
626	SLE RA 17	-0.13	-0.42	55.21	11.5728	-10.3578	-0.0523
626	SLE RA 18	-0.12	-0.43	56.1	11.7574	-10.5256	-0.0565
626	SLE RA 19	-0.12	-0.41	56.11	11.7581	-10.5265	-0.052
626	SLE RA 20	-0.12	-0.44	56.56	11.8536	-10.6129	-0.057
626	SLE RA 21	-0.12	-0.42	56.57	11.8543	-10.6138	-0.0525
626	SLE FR 1	-0.13	-0.44	50	10.4985	-9.3815	-0.0541
626	SLE FR 2	-0.13	-0.43	50.01	10.4987	-9.3818	-0.0526
626	SLE FR 3	-0.13	-0.44	50.19	10.5369	-9.4164	-0.0543
626	SLE FR 4	-0.13	-0.43	51.83	10.8764	-9.725	-0.0534
626	SLE FR 5	-0.13	-0.44	52.02	10.9146	-9.7596	-0.055
626	SLE FR 6	-0.13	-0.44	53.05	11.1279	-9.9535	-0.0553
626	SLE QP 1	-0.13	-0.44	50	10.4985	-9.3815	-0.0541
626	SLE QP 2	-0.13	-0.44	51.83	10.8761	-9.7247	-0.0548
626	SLD 1	4.02	0.49	49.84	10.912	-9.3603	-0.9255
626	SLD 2	4.01	0.43	49.84	10.901	-9.3601	-0.9346
626	SLD 3	4.05	-1.05	50.77	11.1321	-9.5508	-1.2151
626	SLD 4	4.05	-1.11	50.77	11.1211	-9.5506	-1.2242
626	SLD 5	1.06	2.19	49.81	10.555	-9.3265	0.1249
626	SLD 6	1.06	2.15	49.81	10.5478	-9.3264	0.1189
626	SLD 7	1.18	-2.95	52.94	11.2888	-9.9615	-0.8406
626	SLD 8	1.18	-2.99	52.93	11.2815	-9.9614	-0.8465
626	SLD 9	-1.43	2.12	50.73	10.4708	-9.4881	0.7369
626	SLD 10	-1.43	2.07	50.73	10.4635	-9.4879	0.7309
626	SLD 11	-1.32	-3.02	53.85	11.2045	-10.1231	-0.2285
626	SLD 12	-1.32	-3.06	53.85	11.1973	-10.1229	-0.2345
626	SLD 13	-4.3	0.24	52.89	10.6311	-9.8988	1.1146
626	SLD 14	-4.3	0.18	52.89	10.6202	-9.8986	1.1055
626	SLD 15	-4.27	-1.3	53.83	10.8513	-10.0893	0.8249
626	SLD 16	-4.27	-1.36	53.83	10.8403	-10.0891	0.8158
626	SLV 1	9.56	1.67	47.2	10.9691	-8.8793	-2.1024
626	SLV 2	9.56	1.53	47.2	10.9435	-8.8788	-2.1236
626	SLV 3	9.64	-1.82	49.32	11.4673	-9.3102	-2.7591
626	SLV 4	9.64	-1.97	49.32	11.4417	-9.3097	-2.7803
626	SLV 5	2.66	5.52	47.23	10.1529	-8.8176	0.3306
626	SLV 6	2.66	5.43	47.23	10.1364	-8.8173	0.3169
626	SLV 7	2.93	-6.12	54.29	11.8135	-10.254	-1.8584
626	SLV 8	2.92	-6.22	54.29	11.7969	-10.2537	-1.8721
626	SLV 9	-3.18	5.35	49.38	9.9554	-9.1958	1.7625
626	SLV 10	-3.18	5.25	49.37	9.9388	-9.1954	1.7488
626	SLV 11	-2.91	-6.3	56.43	11.6159	-10.6321	-0.4265
626	SLV 12	-2.91	-6.39	56.43	11.5994	-10.6318	-0.4403
626	SLV 13	-9.89	1.09	54.35	10.3106	-10.1397	2.6706
626	SLV 14	-9.9	0.95	54.35	10.285	-10.1393	2.6494
626	SLV 15	-9.81	-2.4	56.46	10.8087	-10.5707	2.0139



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
626	SLU 16	-9.82	-2.55	56.46	10.7832	-10.5702	1.9927
626	CRTFP Ux+	0	0	0	0	0	0
626	CRTFP Ux-	0	0	0	0	0	0
626	CRTFP Uy+	0	0	0	0	0	0
626	CRTFP Uy-	0	0	0	0	0	0
628	SLU 1	-0.04	-0.52	54.56	11.5015	12.1064	0.1324
628	SLU 2	-0.05	-0.45	54.57	11.5024	12.1088	0.1181
628	SLU 3	-0.04	-0.51	55.87	11.777	12.3969	0.131
628	SLU 4	-0.05	-0.47	55.87	11.7775	12.3983	0.1224
628	SLU 5	-0.05	-0.46	55.35	11.6695	12.2832	0.1202
628	SLU 6	-0.05	-0.52	56.65	11.9441	12.5713	0.1332
628	SLU 7	-0.05	-0.48	56.66	11.9446	12.5727	0.1245
628	SLU 8	-0.05	-0.54	56.13	11.8357	12.4553	0.1367
628	SLU 9	-0.05	-0.5	56.14	11.8362	12.4567	0.128
628	SLU 10	-0.03	-0.45	61.78	12.9966	13.7106	0.1153
628	SLU 11	-0.03	-0.51	63.08	13.2713	13.9987	0.1282
628	SLU 12	-0.03	-0.47	63.09	13.2718	14.0001	0.1196
628	SLU 13	-0.04	-0.46	62.57	13.1638	13.885	0.1174
628	SLU 14	-0.03	-0.52	63.87	13.4384	14.1731	0.1304
628	SLU 15	-0.04	-0.48	63.87	13.4389	14.1745	0.1217
628	SLU 16	-0.03	-0.53	63.35	13.33	14.0571	0.1339
628	SLU 17	-0.04	-0.49	63.35	13.3305	14.0585	0.1252
628	SLU 18	-0.03	-0.52	64.87	13.6362	14.3947	0.1284
628	SLU 19	-0.03	-0.48	64.87	13.6367	14.3961	0.1198
628	SLU 20	-0.03	-0.52	65.65	13.8033	14.5692	0.1306
628	SLU 21	-0.03	-0.48	65.66	13.8038	14.5706	0.1219
628	SLU 22	-0.04	-0.41	60.85	12.8315	13.5058	0.1084
628	SLU 23	-0.05	-0.34	60.86	12.8324	13.5082	0.0941
628	SLU 24	-0.05	-0.4	62.16	13.107	13.7963	0.107
628	SLU 25	-0.05	-0.36	62.17	13.1076	13.7977	0.0984
628	SLU 26	-0.05	-0.35	61.65	12.9995	13.6826	0.0962
628	SLU 27	-0.05	-0.41	62.95	13.2741	13.9707	0.1091
628	SLU 28	-0.05	-0.37	62.95	13.2747	13.9721	0.1005
628	SLU 29	-0.05	-0.43	62.43	13.1657	13.8547	0.1126
628	SLU 30	-0.05	-0.38	62.43	13.1663	13.8561	0.104
628	SLU 31	-0.03	-0.34	68.08	14.3267	15.11	0.0913
628	SLU 32	-0.03	-0.4	69.38	14.6013	15.3981	0.1042
628	SLU 33	-0.03	-0.36	69.38	14.6019	15.3995	0.0956
628	SLU 34	-0.04	-0.35	68.86	14.4938	15.2844	0.0934
628	SLU 35	-0.03	-0.41	70.16	14.7684	15.5725	0.1063
628	SLU 36	-0.04	-0.37	70.17	14.769	15.5739	0.0977
628	SLU 37	-0.04	-0.42	69.64	14.66	15.4565	0.1098
628	SLU 38	-0.04	-0.38	69.65	14.6605	15.4579	0.1012
628	SLU 39	-0.03	-0.41	71.16	14.9662	15.7941	0.1044
628	SLU 40	-0.03	-0.37	71.17	14.9667	15.7955	0.0958
628	SLU 41	-0.03	-0.41	71.95	15.1333	15.9686	0.1065
628	SLU 42	-0.03	-0.37	71.95	15.1338	15.97	0.0979
628	SLU 43	-0.06	-0.72	68.77	14.4959	15.2586	0.1804
628	SLU 44	-0.06	-0.65	68.78	14.4968	15.2609	0.1661
628	SLU 45	-0.06	-0.71	70.08	14.7714	15.549	0.179
628	SLU 46	-0.06	-0.67	70.08	14.772	15.5504	0.1704
628	SLU 47	-0.06	-0.66	69.56	14.6639	15.4354	0.1682
628	SLU 48	-0.06	-0.72	70.86	14.9385	15.7235	0.1811
628	SLU 49	-0.06	-0.68	70.87	14.9391	15.7249	0.1725
628	SLU 50	-0.06	-0.73	70.34	14.8301	15.6075	0.1846
628	SLU 51	-0.06	-0.69	70.34	14.8306	15.6089	0.176
628	SLU 52	-0.05	-0.64	75.99	15.9911	16.8627	0.1633
628	SLU 53	-0.05	-0.71	77.29	16.2657	17.1508	0.1762
628	SLU 54	-0.05	-0.66	77.3	16.2663	17.1522	0.1676
628	SLU 55	-0.05	-0.65	76.78	16.1582	17.0372	0.1654
628	SLU 56	-0.05	-0.71	78.08	16.4328	17.3253	0.1783
628	SLU 57	-0.05	-0.67	78.08	16.4334	17.3267	0.1697
628	SLU 58	-0.05	-0.73	77.55	16.3244	17.2093	0.1818
628	SLU 59	-0.05	-0.69	77.56	16.3249	17.2107	0.1732
628	SLU 60	-0.04	-0.71	79.07	16.6306	17.5469	0.1764
628	SLU 61	-0.04	-0.67	79.08	16.6311	17.5483	0.1678
628	SLU 62	-0.04	-0.72	79.86	16.7977	17.7213	0.1785
628	SLU 63	-0.04	-0.68	79.87	16.7982	17.7227	0.1699
628	SLU 64	-0.06	-0.61	75.06	15.826	16.658	0.1564
628	SLU 65	-0.06	-0.54	75.07	15.8268	16.6603	0.142
628	SLU 66	-0.06	-0.6	76.37	16.1015	16.9484	0.155
628	SLU 67	-0.06	-0.56	76.38	16.102	16.9498	0.1464
628	SLU 68	-0.06	-0.54	75.86	15.9939	16.8348	0.1441
628	SLU 69	-0.06	-0.61	77.16	16.2686	17.1229	0.1571
628	SLU 70	-0.06	-0.56	77.16	16.2691	17.1243	0.1485
628	SLU 71	-0.06	-0.62	76.63	16.1602	17.0069	0.1606
628	SLU 72	-0.06	-0.58	76.64	16.1607	17.0083	0.152
628	SLU 73	-0.05	-0.53	82.29	17.3211	18.2621	0.1392
628	SLU 74	-0.05	-0.6	83.59	17.5958	18.5502	0.1522
628	SLU 75	-0.05	-0.55	83.59	17.5963	18.5516	0.1436
628	SLU 76	-0.05	-0.54	83.07	17.4882	18.4366	0.1413
628	SLU 77	-0.05	-0.6	84.37	17.7629	18.7247	0.1543
628	SLU 78	-0.05	-0.56	84.38	17.7634	18.7261	0.1457
628	SLU 79	-0.05	-0.62	83.85	17.6544	18.6087	0.1578
628	SLU 80	-0.05	-0.58	83.86	17.655	18.6101	0.1492
628	SLU 81	-0.04	-0.6	85.37	17.9606	18.9463	0.1524
628	SLU 82	-0.04	-0.56	85.38	17.9612	18.9477	0.1438
628	SLU 83	-0.04	-0.61	86.16	18.1277	19.1207	0.1545
628	SLU 84	-0.04	-0.57	86.16	18.1283	19.1221	0.1459



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
628	SLE RA 1	-0.04	-0.49	56.36	11.8815	12.5063	0.1256
628	SLE RA 2	-0.05	-0.45	56.36	11.8821	12.5078	0.116
628	SLE RA 3	-0.04	-0.49	57.23	12.0652	12.6999	0.1246
628	SLE RA 4	-0.05	-0.46	57.23	12.0655	12.7008	0.1189
628	SLE RA 5	-0.05	-0.45	56.89	11.9935	12.6241	0.1174
628	SLE RA 6	-0.05	-0.49	57.75	12.1766	12.8162	0.1261
628	SLE RA 7	-0.05	-0.46	57.76	12.1769	12.8171	0.1203
628	SLE RA 8	-0.05	-0.5	57.4	12.1043	12.7389	0.1284
628	SLE RA 9	-0.05	-0.47	57.41	12.1046	12.7398	0.1227
628	SLE RA 10	-0.04	-0.44	61.17	12.8783	13.5757	0.1141
628	SLE RA 11	-0.04	-0.48	62.04	13.0614	13.7678	0.1228
628	SLE RA 12	-0.04	-0.46	62.04	13.0617	13.7687	0.117
628	SLE RA 13	-0.04	-0.45	61.7	12.9897	13.692	0.1155
628	SLE RA 14	-0.04	-0.49	62.56	13.1728	13.8841	0.1242
628	SLE RA 15	-0.04	-0.46	62.57	13.1731	13.885	0.1184
628	SLE RA 16	-0.04	-0.5	62.21	13.1005	13.8067	0.1265
628	SLE RA 17	-0.04	-0.47	62.22	13.1008	13.8077	0.1208
628	SLE RA 18	-0.03	-0.49	63.23	13.3046	14.0318	0.1229
628	SLE RA 19	-0.03	-0.46	63.23	13.305	14.0327	0.1172
628	SLE RA 20	-0.03	-0.49	63.75	13.416	14.1481	0.1243
628	SLE RA 21	-0.03	-0.46	63.76	13.4164	14.149	0.1186
628	SLE FR 1	-0.04	-0.49	56.36	11.8815	12.5063	0.1256
628	SLE FR 2	-0.04	-0.48	56.36	11.8816	12.5066	0.1237
628	SLE FR 3	-0.04	-0.49	56.57	11.9261	12.5528	0.1261
628	SLE FR 4	-0.04	-0.48	58.42	12.3085	12.9642	0.1229
628	SLE FR 5	-0.04	-0.49	58.63	12.353	13.0104	0.1253
628	SLE FR 6	-0.04	-0.49	59.79	12.5931	13.269	0.1242
628	SLE QP 1	-0.04	-0.49	56.36	11.8815	12.5063	0.1256
628	SLE QP 2	-0.04	-0.49	58.42	12.3084	12.9639	0.1248
628	SLD 1	4.58	0.51	56.53	12.2468	12.5186	-1.2582
628	SLD 2	4.58	0.48	56.53	12.2419	12.5179	-1.2497
628	SLD 3	4.62	-1.25	57.82	12.5267	12.7959	-0.8657
628	SLD 4	4.62	-1.28	57.81	12.5218	12.7952	-0.8571
628	SLD 5	1.29	2.48	55.91	11.8662	12.41	-0.887
628	SLD 6	1.29	2.46	55.9	11.863	12.4095	-0.8814
628	SLD 7	1.42	-3.38	60.19	12.7994	13.3341	0.4215
628	SLD 8	1.42	-3.4	60.18	12.7962	13.3337	0.4271
628	SLD 9	-1.5	2.42	56.65	11.8207	12.5942	-0.1776
628	SLD 10	-1.5	2.4	56.65	11.8175	12.5938	-0.1719
628	SLD 11	-1.37	-3.44	60.93	12.7539	13.5183	1.131
628	SLD 12	-1.37	-3.46	60.93	12.7506	13.5179	1.1366
628	SLD 13	-4.7	0.3	59.02	12.095	13.1327	1.1067
628	SLD 14	-4.7	0.27	59.02	12.0901	13.132	1.1152
628	SLD 15	-4.66	-1.46	60.31	12.375	13.4099	1.4992
628	SLD 16	-4.66	-1.49	60.3	12.3701	13.4092	1.5078
628	SLV 1	10.77	1.78	54.06	12.1752	11.9325	-3.0963
628	SLV 2	10.77	1.72	54.05	12.1637	11.9309	-3.0764
628	SLV 3	10.86	-2.21	56.96	12.8078	12.5596	-2.2068
628	SLV 4	10.86	-2.27	56.95	12.7964	12.558	-2.1869
628	SLV 5	3.07	6.24	52.71	11.311	11.7036	-2.1941
628	SLV 6	3.07	6.2	52.7	11.3035	11.7026	-2.1812
628	SLV 7	3.37	-7.04	62.39	13.4197	13.7941	0.771
628	SLV 8	3.36	-7.07	62.38	13.4123	13.793	0.7839
628	SLV 9	-3.44	6.1	54.45	11.2045	12.1348	-0.5343
628	SLV 10	-3.45	6.06	54.45	11.1971	12.1338	-0.5214
628	SLV 11	-3.15	-7.18	64.14	13.3133	14.2253	2.4308
628	SLV 12	-3.15	-7.22	64.13	13.3059	14.2242	2.4437
628	SLV 13	-10.94	1.29	59.88	11.8205	13.3699	2.4364
628	SLV 14	-10.94	1.23	59.87	11.809	13.3682	2.4564
628	SLV 15	-10.85	-2.7	62.79	12.4531	13.997	3.3259
628	SLV 16	-10.85	-2.76	62.78	12.4417	13.9954	3.3459
628	CRTFP Ux+	0	0	0	0	0	0
628	CRTFP Ux-	0	0	0	0	0	0
628	CRTFP Uy+	0	0	0	0	0	0
628	CRTFP Uy-	0	0	0	0	0	0
629	SLU 1	0.02	-0.29	39.49	8.5316	-7.6027	-0.0582
629	SLU 2	0.02	-0.24	39.5	8.5321	-7.604	-0.0477
629	SLU 3	0.02	-0.29	40.44	8.7364	-7.7848	-0.0571
629	SLU 4	0.02	-0.25	40.44	8.7366	-7.7856	-0.0508
629	SLU 5	0.02	-0.24	40.07	8.6564	-7.7136	-0.0483
629	SLU 6	0.02	-0.29	41.01	8.8606	-7.8944	-0.0576
629	SLU 7	0.02	-0.26	41.01	8.8609	-7.8952	-0.0513
629	SLU 8	0.02	-0.3	40.63	8.7802	-7.8219	-0.0594
629	SLU 9	0.02	-0.27	40.63	8.7805	-7.8227	-0.053
629	SLU 10	0.03	-0.22	44.71	9.6394	-8.6058	-0.0458
629	SLU 11	0.03	-0.27	45.64	9.8437	-8.7866	-0.0551
629	SLU 12	0.03	-0.24	45.65	9.8439	-8.7874	-0.0488
629	SLU 13	0.03	-0.23	45.27	9.7637	-8.7154	-0.0463
629	SLU 14	0.03	-0.27	46.21	9.9679	-8.8962	-0.0557
629	SLU 15	0.03	-0.24	46.22	9.9682	-8.897	-0.0494
629	SLU 16	0.03	-0.28	45.84	9.8875	-8.8237	-0.0574
629	SLU 17	0.03	-0.25	45.84	9.8878	-8.8245	-0.0511
629	SLU 18	0.04	-0.27	46.93	10.1135	-9.0339	-0.0555
629	SLU 19	0.04	-0.24	46.93	10.1138	-9.0347	-0.0491
629	SLU 20	0.04	-0.27	47.5	10.2377	-9.1435	-0.056
629	SLU 21	0.04	-0.24	47.5	10.238	-9.1443	-0.0497
629	SLU 22	0.03	-0.21	44.03	9.5176	-8.4775	-0.043
629	SLU 23	0.03	-0.16	44.04	9.5181	-8.4788	-0.0325
629	SLU 24	0.03	-0.2	44.98	9.7224	-8.6596	-0.0418



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
629	SLU 25	0.03	-0.17	44.98	9.7227	-8.6604	-0.0355
629	SLU 26	0.03	-0.16	44.61	9.6424	-8.5884	-0.033
629	SLU 27	0.03	-0.2	45.55	9.8467	-8.7692	-0.0424
629	SLU 28	0.03	-0.17	45.55	9.847	-8.77	-0.036
629	SLU 29	0.03	-0.22	45.17	9.7662	-8.6967	-0.0441
629	SLU 30	0.03	-0.18	45.18	9.7665	-8.6975	-0.0378
629	SLU 31	0.04	-0.14	49.25	10.6254	-9.4806	-0.0305
629	SLU 32	0.04	-0.18	50.19	10.8297	-9.6614	-0.0399
629	SLU 33	0.04	-0.15	50.19	10.83	-9.6622	-0.0335
629	SLU 34	0.04	-0.14	49.82	10.7497	-9.5902	-0.0311
629	SLU 35	0.04	-0.19	50.76	10.954	-9.771	-0.0404
629	SLU 36	0.04	-0.16	50.76	10.9543	-9.7718	-0.0341
629	SLU 37	0.04	-0.2	50.38	10.8735	-9.6985	-0.0421
629	SLU 38	0.04	-0.17	50.38	10.8738	-9.6993	-0.0358
629	SLU 39	0.04	-0.18	51.47	11.0995	-9.9087	-0.0402
629	SLU 40	0.04	-0.15	51.48	11.0998	-9.9095	-0.0339
629	SLU 41	0.04	-0.19	52.04	11.2238	-10.0183	-0.0408
629	SLU 42	0.04	-0.15	52.05	11.2241	-10.0191	-0.0344
629	SLU 43	0.03	-0.41	49.78	10.753	-9.5836	-0.081
629	SLU 44	0.03	-0.36	49.79	10.7535	-9.5849	-0.0704
629	SLU 45	0.03	-0.4	50.73	10.9578	-9.7657	-0.0798
629	SLU 46	0.03	-0.37	50.73	10.9581	-9.7665	-0.0735
629	SLU 47	0.03	-0.36	50.36	10.8778	-9.6945	-0.071
629	SLU 48	0.03	-0.41	51.29	11.0821	-9.8753	-0.0803
629	SLU 49	0.03	-0.37	51.3	11.0823	-9.8761	-0.074
629	SLU 50	0.03	-0.42	50.92	11.0016	-9.8027	-0.0821
629	SLU 51	0.03	-0.39	50.92	11.0019	-9.8035	-0.0757
629	SLU 52	0.04	-0.34	54.99	11.8608	-10.5867	-0.0685
629	SLU 53	0.04	-0.38	55.93	12.0651	-10.7675	-0.0778
629	SLU 54	0.04	-0.35	55.94	12.0654	-10.7683	-0.0715
629	SLU 55	0.04	-0.34	55.56	11.9851	-10.6963	-0.069
629	SLU 56	0.04	-0.39	56.5	12.1894	-10.8771	-0.0784
629	SLU 57	0.04	-0.36	56.51	12.1896	-10.8779	-0.0721
629	SLU 58	0.04	-0.4	56.13	12.1089	-10.8046	-0.0801
629	SLU 59	0.04	-0.37	56.13	12.1092	-10.8054	-0.0738
629	SLU 60	0.04	-0.38	57.22	12.3349	-11.0147	-0.0782
629	SLU 61	0.04	-0.35	57.22	12.3352	-11.0155	-0.0718
629	SLU 62	0.04	-0.39	57.79	12.4592	-11.1243	-0.0787
629	SLU 63	0.04	-0.36	57.79	12.4595	-11.1251	-0.0724
629	SLU 64	0.03	-0.33	54.32	11.739	-10.4584	-0.0657
629	SLU 65	0.03	-0.27	54.33	11.7395	-10.4597	-0.0552
629	SLU 66	0.04	-0.32	55.27	11.9438	-10.6405	-0.0645
629	SLU 67	0.03	-0.29	55.27	11.9441	-10.6413	-0.0582
629	SLU 68	0.03	-0.28	54.9	11.8638	-10.5693	-0.0557
629	SLU 69	0.04	-0.32	55.84	12.0681	-10.7501	-0.0651
629	SLU 70	0.03	-0.29	55.84	12.0684	-10.7509	-0.0588
629	SLU 71	0.03	-0.33	55.46	11.9876	-10.6776	-0.0668
629	SLU 72	0.03	-0.3	55.47	11.9879	-10.6783	-0.0605
629	SLU 73	0.04	-0.25	59.54	12.8468	-11.4615	-0.0532
629	SLU 74	0.04	-0.3	60.48	13.0511	-11.6423	-0.0626
629	SLU 75	0.04	-0.27	60.48	13.0514	-11.6431	-0.0562
629	SLU 76	0.04	-0.26	60.11	12.9711	-11.5711	-0.0538
629	SLU 77	0.04	-0.3	61.05	13.1754	-11.7519	-0.0631
629	SLU 78	0.04	-0.27	61.05	13.1757	-11.7527	-0.0568
629	SLU 79	0.04	-0.31	60.67	13.0949	-11.6794	-0.0649
629	SLU 80	0.04	-0.28	60.67	13.0952	-11.6802	-0.0585
629	SLU 81	0.05	-0.3	61.76	13.3209	-11.8896	-0.0629
629	SLU 82	0.05	-0.27	61.77	13.3212	-11.8903	-0.0566
629	SLU 83	0.05	-0.3	62.33	13.4452	-11.9991	-0.0635
629	SLU 84	0.05	-0.27	62.34	13.4455	-11.9999	-0.0571
629	SLE RA 1	0.03	-0.27	40.79	8.8133	-7.8526	-0.0539
629	SLE RA 2	0.02	-0.23	40.79	8.8136	-7.8535	-0.0469
629	SLE RA 3	0.03	-0.26	41.42	8.9498	-7.974	-0.0531
629	SLE RA 4	0.03	-0.24	41.42	8.95	-7.9746	-0.0489
629	SLE RA 5	0.02	-0.24	41.17	8.8965	-7.9266	-0.0472
629	SLE RA 6	0.03	-0.27	41.8	9.0327	-8.0471	-0.0535
629	SLE RA 7	0.03	-0.25	41.8	9.0329	-8.0476	-0.0493
629	SLE RA 8	0.03	-0.27	41.55	8.979	-7.9988	-0.0546
629	SLE RA 9	0.02	-0.25	41.55	8.9792	-7.9993	-0.0504
629	SLE RA 10	0.03	-0.22	44.27	9.5518	-8.5214	-0.0456
629	SLE RA 11	0.03	-0.25	44.89	9.688	-8.6419	-0.0518
629	SLE RA 12	0.03	-0.23	44.89	9.6882	-8.6425	-0.0476
629	SLE RA 13	0.03	-0.22	44.64	9.6347	-8.5945	-0.0459
629	SLE RA 14	0.03	-0.25	45.27	9.7709	-8.715	-0.0522
629	SLE RA 15	0.03	-0.23	45.27	9.7711	-8.7155	-0.048
629	SLE RA 16	0.03	-0.26	45.02	9.7172	-8.6666	-0.0533
629	SLE RA 17	0.03	-0.24	45.02	9.7174	-8.6672	-0.0491
629	SLE RA 18	0.03	-0.25	45.75	9.8679	-8.8068	-0.052
629	SLE RA 19	0.03	-0.23	45.75	9.8681	-8.8073	-0.0478
629	SLE RA 20	0.03	-0.25	46.13	9.9507	-8.8798	-0.0524
629	SLE RA 21	0.03	-0.23	46.13	9.9509	-8.8803	-0.0482
629	SLE FR 1	0.03	-0.27	40.79	8.8133	-7.8526	-0.0539
629	SLE FR 2	0.03	-0.26	40.79	8.8134	-7.8528	-0.0525
629	SLE FR 3	0.03	-0.27	40.94	8.8465	-7.8819	-0.054
629	SLE FR 4	0.03	-0.26	42.28	9.1298	-8.139	-0.0519
629	SLE FR 5	0.03	-0.26	42.43	9.1628	-8.1681	-0.0535
629	SLE FR 6	0.03	-0.26	43.27	9.3406	-8.3297	-0.053
629	SLE QP 1	0.03	-0.27	40.79	8.8133	-7.8526	-0.0539
629	SLE QP 2	0.03	-0.26	42.28	9.1297	-8.1389	-0.0533



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
629	SLD 1	3.37	0.41	41.25	9.2005	-7.9566	-0.7668
629	SLD 2	3.37	0.42	41.24	9.1964	-7.9554	-0.7638
629	SLD 3	3.34	-0.86	42.2	9.4175	-8.1391	-1.0074
629	SLD 4	3.34	-0.85	42.2	9.4134	-8.138	-1.0044
629	SLD 5	1.07	1.86	40.52	8.8225	-7.8075	0.097
629	SLD 6	1.07	1.87	40.52	8.8198	-7.8068	0.099
629	SLD 7	0.98	-2.37	43.7	9.5459	-8.416	-0.705
629	SLD 8	0.98	-2.36	43.7	9.5432	-8.4152	-0.703
629	SLD 9	-0.92	1.83	40.85	8.7162	-7.8625	0.5964
629	SLD 10	-0.92	1.84	40.85	8.7134	-7.8618	0.5983
629	SLD 11	-1.02	-2.39	44.04	9.4396	-8.4709	-0.2056
629	SLD 12	-1.02	-2.39	44.03	9.4369	-8.4702	-0.2037
629	SLD 13	-3.28	0.32	42.36	8.846	-8.1398	0.8978
629	SLD 14	-3.28	0.33	42.35	8.8419	-8.1386	0.9007
629	SLD 15	-3.31	-0.95	43.31	9.063	-8.3223	0.6572
629	SLD 16	-3.31	-0.94	43.31	9.0589	-8.3212	0.6601
629	SLV 1	7.84	1.27	39.9	9.304	-7.7194	-1.7312
629	SLV 2	7.84	1.29	39.89	9.2944	-7.7168	-1.7243
629	SLV 3	7.78	-1.61	42.06	9.7946	-8.1323	-2.2767
629	SLV 4	7.77	-1.58	42.05	9.785	-8.1297	-2.2699
629	SLV 5	2.47	4.55	38.29	8.4397	-7.3873	0.2695
629	SLV 6	2.47	4.56	38.28	8.4335	-7.3855	0.274
629	SLV 7	2.25	-5.03	45.49	10.0748	-8.7636	-1.5489
629	SLV 8	2.25	-5.01	45.48	10.0686	-8.7619	-1.5445
629	SLV 9	-2.2	4.49	39.07	8.1908	-7.5159	1.4378
629	SLV 10	-2.2	4.5	39.06	8.1846	-7.5141	1.4423
629	SLV 11	-2.41	-5.09	46.27	9.8259	-8.8922	-0.3806
629	SLV 12	-2.42	-5.08	46.26	9.8197	-8.8905	-0.3762
629	SLV 13	-7.72	1.06	42.5	8.4744	-8.1481	2.1632
629	SLV 14	-7.72	1.08	42.49	8.4648	-8.1454	2.1701
629	SLV 15	-7.78	-1.82	44.67	8.9649	-8.561	1.6177
629	SLV 16	-7.78	-1.79	44.65	8.9554	-8.5583	1.6245
629	CRTFP Ux+	0	0	0	0	0	0
629	CRTFP Ux-	0	0	0	0	0	0
629	CRTFP Uy+	0	0	0	0	0	0
629	CRTFP Uy-	0	0	0	0	0	0
631	SLU 1	0.21	-0.35	78.77	11.4518	10.8277	0.0351
631	SLU 2	0.2	-0.25	78.8	11.4517	10.8299	0.0212
631	SLU 3	0.21	-0.33	80.66	11.7255	11.0872	0.0321
631	SLU 4	0.21	-0.27	80.67	11.7254	11.0885	0.0238
631	SLU 5	0.2	-0.25	79.93	11.6166	10.9862	0.0216
631	SLU 6	0.21	-0.34	81.79	11.8904	11.2435	0.0325
631	SLU 7	0.21	-0.28	81.8	11.8903	11.2449	0.0242
631	SLU 8	0.21	-0.36	81.04	11.7817	11.1403	0.0358
631	SLU 9	0.21	-0.3	81.06	11.7816	11.1417	0.0275
631	SLU 10	0.23	-0.17	89.12	12.9479	12.2575	0.0093
631	SLU 11	0.24	-0.25	90.98	13.2216	12.5148	0.0202
631	SLU 12	0.24	-0.19	90.99	13.2216	12.5162	0.0119
631	SLU 13	0.23	-0.17	90.25	13.1128	12.4138	0.0096
631	SLU 14	0.24	-0.26	92.11	13.3865	12.6711	0.0205
631	SLU 15	0.24	-0.2	92.12	13.3865	12.6725	0.0122
631	SLU 16	0.24	-0.28	91.36	13.2778	12.5679	0.0239
631	SLU 17	0.23	-0.22	91.38	13.2778	12.5693	0.0156
631	SLU 18	0.24	-0.24	93.52	13.5892	12.8672	0.018
631	SLU 19	0.24	-0.18	93.53	13.5891	12.8685	0.0097
631	SLU 20	0.25	-0.24	94.65	13.7541	13.0235	0.0184
631	SLU 21	0.24	-0.18	94.67	13.754	13.0248	0.0101
631	SLU 22	0.23	-0.17	87.85	12.7865	12.0697	0.0079
631	SLU 23	0.23	-0.07	87.87	12.7864	12.0719	-0.0059
631	SLU 24	0.24	-0.16	89.73	13.0601	12.3292	0.005
631	SLU 25	0.23	-0.09	89.74	13.06	12.3305	-0.0033
631	SLU 26	0.23	-0.07	89.01	12.9513	12.2282	-0.0055
631	SLU 27	0.24	-0.16	90.86	13.225	12.4855	0.0054
631	SLU 28	0.24	-0.1	90.88	13.225	12.4868	-0.003
631	SLU 29	0.24	-0.18	90.11	13.1163	12.3823	0.0087
631	SLU 30	0.23	-0.12	90.13	13.1162	12.3836	0.0004
631	SLU 31	0.25	0.01	98.19	14.2825	13.4995	-0.0178
631	SLU 32	0.26	-0.08	100.05	14.5562	13.7568	-0.0069
631	SLU 33	0.26	-0.01	100.06	14.5562	13.7581	-0.0152
631	SLU 34	0.26	0.01	99.33	14.4474	13.6558	-0.0175
631	SLU 35	0.26	-0.08	101.18	14.7212	13.9131	-0.0066
631	SLU 36	0.26	-0.02	101.2	14.7211	13.9144	-0.0149
631	SLU 37	0.26	-0.1	100.43	14.6125	13.8099	-0.0033
631	SLU 38	0.26	-0.04	100.45	14.6124	13.8112	-0.0116
631	SLU 39	0.27	-0.06	102.59	14.9238	14.1091	-0.0091
631	SLU 40	0.27	0	102.6	14.9237	14.1105	-0.0174
631	SLU 41	0.27	-0.06	103.72	15.0887	14.2654	-0.0087
631	SLU 42	0.27	0	103.74	15.0887	14.2668	-0.0171
631	SLU 43	0.26	-0.52	99.3	14.4298	13.6502	0.0549
631	SLU 44	0.26	-0.41	99.32	14.4297	13.6524	0.041
631	SLU 45	0.27	-0.5	101.18	14.7034	13.9097	0.0519
631	SLU 46	0.26	-0.44	101.19	14.7034	13.9111	0.0436
631	SLU 47	0.26	-0.42	100.46	14.5946	13.8087	0.0414
631	SLU 48	0.27	-0.5	102.31	14.8684	14.066	0.0523
631	SLU 49	0.27	-0.44	102.33	14.8683	14.0674	0.044
631	SLU 50	0.26	-0.52	101.56	14.7596	13.9628	0.0556
631	SLU 51	0.26	-0.46	101.58	14.7596	13.9642	0.0473
631	SLU 52	0.28	-0.34	109.64	15.9258	15.08	0.0291
631	SLU 53	0.29	-0.42	111.5	16.1996	15.3373	0.04



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
631	SLU 54	0.29	-0.36	111.51	16.1995	15.3387	0.0317
631	SLU 55	0.28	-0.34	110.77	16.0907	15.2363	0.0295
631	SLU 56	0.29	-0.42	112.63	16.3645	15.4936	0.0404
631	SLU 57	0.29	-0.36	112.65	16.3644	15.495	0.0321
631	SLU 58	0.29	-0.45	111.88	16.2558	15.3904	0.0437
631	SLU 59	0.29	-0.38	111.9	16.2557	15.3918	0.0354
631	SLU 60	0.3	-0.41	114.04	16.5671	15.6897	0.0378
631	SLU 61	0.29	-0.34	114.05	16.5671	15.691	0.0295
631	SLU 62	0.3	-0.41	115.17	16.7321	15.846	0.0382
631	SLU 63	0.3	-0.35	115.19	16.732	15.8473	0.0299
631	SLU 64	0.28	-0.34	108.37	15.7644	14.8922	0.0277
631	SLU 65	0.28	-0.24	108.39	15.7643	14.8944	0.0139
631	SLU 66	0.29	-0.32	110.25	16.0381	15.1517	0.0248
631	SLU 67	0.29	-0.26	110.27	16.038	15.153	0.0165
631	SLU 68	0.28	-0.24	109.53	15.9292	15.0507	0.0143
631	SLU 69	0.29	-0.33	111.38	16.203	15.308	0.0252
631	SLU 70	0.29	-0.26	111.4	16.2029	15.3093	0.0169
631	SLU 71	0.29	-0.35	110.64	16.0943	15.2048	0.0285
631	SLU 72	0.29	-0.28	110.65	16.0942	15.2061	0.0202
631	SLU 73	0.31	-0.16	118.71	17.2605	16.322	0.002
631	SLU 74	0.32	-0.24	120.57	17.5342	16.5793	0.0129
631	SLU 75	0.31	-0.18	120.58	17.5341	16.5806	0.0046
631	SLU 76	0.31	-0.16	119.85	17.4254	16.4783	0.0023
631	SLU 77	0.32	-0.25	121.7	17.6991	16.7356	0.0132
631	SLU 78	0.32	-0.18	121.72	17.6991	16.7369	0.0049
631	SLU 79	0.31	-0.27	120.96	17.5904	16.6324	0.0166
631	SLU 80	0.31	-0.2	120.97	17.5903	16.6337	0.0082
631	SLU 81	0.32	-0.23	123.11	17.9018	16.9316	0.0107
631	SLU 82	0.32	-0.16	123.13	17.9017	16.933	0.0024
631	SLU 83	0.32	-0.23	124.24	18.0667	17.0879	0.0111
631	SLU 84	0.32	-0.17	124.26	18.0666	17.0893	0.0028
631	SLE RA 1	0.21	-0.3	81.37	11.8331	11.1826	0.0273
631	SLE RA 2	0.21	-0.23	81.38	11.8331	11.184	0.0181
631	SLE RA 3	0.22	-0.29	82.62	12.0156	11.3556	0.0253
631	SLE RA 4	0.22	-0.25	82.63	12.0155	11.3565	0.0198
631	SLE RA 5	0.21	-0.23	82.14	11.943	11.2882	0.0183
631	SLE RA 6	0.22	-0.29	83.38	12.1255	11.4598	0.0256
631	SLE RA 7	0.22	-0.25	83.39	12.1255	11.4607	0.02
631	SLE RA 8	0.22	-0.3	82.88	12.053	11.391	0.0278
631	SLE RA 9	0.21	-0.26	82.89	12.053	11.3919	0.0223
631	SLE RA 10	0.23	-0.18	88.26	12.8305	12.1358	0.0101
631	SLE RA 11	0.23	-0.24	89.5	13.013	12.3073	0.0174
631	SLE RA 12	0.23	-0.19	89.51	13.013	12.3082	0.0118
631	SLE RA 13	0.23	-0.18	89.02	12.9405	12.24	0.0104
631	SLE RA 14	0.24	-0.24	90.26	13.123	12.4115	0.0176
631	SLE RA 15	0.23	-0.2	90.27	13.1229	12.4124	0.0121
631	SLE RA 16	0.23	-0.25	89.76	13.0505	12.3427	0.0198
631	SLE RA 17	0.23	-0.21	89.77	13.0504	12.3436	0.0143
631	SLE RA 18	0.24	-0.22	91.19	13.258	12.5422	0.0159
631	SLE RA 19	0.24	-0.18	91.2	13.258	12.5431	0.0104
631	SLE RA 20	0.24	-0.23	91.95	13.368	12.6464	0.0162
631	SLE RA 21	0.24	-0.19	91.96	13.368	12.6473	0.0106
631	SLE FR 1	0.21	-0.3	81.37	11.8331	11.1826	0.0273
631	SLE FR 2	0.21	-0.29	81.37	11.8331	11.1829	0.0255
631	SLE FR 3	0.21	-0.3	81.67	11.8771	11.2243	0.0274
631	SLE FR 4	0.22	-0.26	84.32	12.2606	11.5908	0.022
631	SLE FR 5	0.22	-0.28	84.62	12.3046	11.6321	0.024
631	SLE FR 6	0.23	-0.26	86.28	12.5456	11.8624	0.0216
631	SLE QP 1	0.21	-0.3	81.37	11.8331	11.1826	0.0273
631	SLE QP 2	0.22	-0.28	84.32	12.2606	11.5905	0.0239
631	SLD 1	6.74	0.77	83.11	12.1779	11.3593	-1.1615
631	SLD 2	6.75	0.85	83.1	12.1731	11.3575	-1.1671
631	SLD 3	6.69	-1.7	84.71	12.4905	11.6142	-0.8127
631	SLD 4	6.7	-1.61	84.7	12.4858	11.6125	-0.8182
631	SLD 5	2.26	1.76	81.53	11.7625	11.1348	-0.8598
631	SLD 6	2.27	3.81	81.52	11.7593	11.1336	-0.8634
631	SLD 7	2.07	-4.46	86.86	12.8046	11.9846	0.303
631	SLD 8	2.08	-4.4	86.86	12.8015	11.9834	0.2993
631	SLD 9	-1.64	3.85	81.77	11.7197	11.1975	-0.2515
631	SLD 10	-1.63	3.9	81.77	11.7166	11.1964	-0.2552
631	SLD 11	-1.83	-4.37	87.11	12.7619	12.0473	0.9112
631	SLD 12	-1.82	-4.32	87.1	12.7587	12.0462	0.9076
631	SLD 13	-6.26	1.06	83.93	12.0355	11.5684	0.866
631	SLD 14	-6.25	1.14	83.92	12.0307	11.5667	0.8605
631	SLD 15	-6.31	-1.41	85.53	12.3481	11.8234	1.2149
631	SLD 16	-6.3	-1.32	85.52	12.3433	11.8217	1.2093
631	SLV 1	15.48	2.08	81.56	12.0787	11.0595	-2.7366
631	SLV 2	15.5	2.27	81.54	12.0676	11.0555	-2.7495
631	SLV 3	15.35	-3.5	85.18	12.786	11.6362	-1.9462
631	SLV 4	15.37	-3.31	85.16	12.7749	11.6322	-1.9591
631	SLV 5	4.99	8.87	78	11.1352	10.5572	-2.0008
631	SLV 6	5.01	8.99	77.99	11.128	10.5546	-2.0092
631	SLV 7	4.56	-9.75	90.07	13.4929	12.4795	0.634
631	SLV 8	4.57	-9.63	90.06	13.4858	12.4769	0.6256
631	SLV 9	-4.13	9.07	78.57	11.0355	10.704	-0.5778
631	SLV 10	-4.12	9.2	78.56	11.0283	10.7014	-0.5862
631	SLV 11	-4.57	-9.55	90.64	13.3932	12.6263	2.057
631	SLV 12	-4.55	-9.43	90.63	13.386	12.6237	2.0486
631	SLV 13	-14.93	2.76	83.47	11.7463	11.5488	2.0069



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
631	SLV 14	-14.91	2.95	83.45	11.7352	11.5447	1.994
631	SLV 15	-15.06	-2.83	87.09	12.4536	12.1254	2.7973
631	SLV 16	-15.04	-2.64	87.07	12.4425	12.1214	2.7844
631	CRTFP Ux+	0	0	0	0	0	0
631	CRTFP Ux-	0	0	0	0	0	0
631	CRTFP Uy+	0	0	0	0	0	0
631	CRTFP Uy-	0	0	0	0	0	0
633	SLU 1	0.11	0.04	28.76	6.7461	0.8369	-0.0212
633	SLU 2	0.11	0.08	28.77	6.7481	0.8372	-0.0219
633	SLU 3	0.11	0.05	29.44	6.9041	0.8569	-0.0221
633	SLU 4	0.11	0.07	29.45	6.9053	0.8571	-0.0225
633	SLU 5	0.11	0.08	29.18	6.8422	0.8492	-0.0222
633	SLU 6	0.11	0.05	29.85	6.9982	0.869	-0.0224
633	SLU 7	0.11	0.08	29.86	6.9994	0.8692	-0.0228
633	SLU 8	0.11	0.04	29.58	6.9343	0.8611	-0.0217
633	SLU 9	0.11	0.07	29.59	6.9355	0.8612	-0.0222
633	SLU 10	0.12	0.13	32.5	7.6257	0.9467	-0.025
633	SLU 11	0.12	0.1	33.17	7.7816	0.9665	-0.0251
633	SLU 12	0.12	0.12	33.18	7.7828	0.9666	-0.0256
633	SLU 13	0.12	0.13	32.91	7.7198	0.9588	-0.0252
633	SLU 14	0.12	0.1	33.58	7.8757	0.9785	-0.0254
633	SLU 15	0.12	0.12	33.59	7.8769	0.9787	-0.0258
633	SLU 16	0.12	0.09	33.31	7.8118	0.9706	-0.0248
633	SLU 17	0.12	0.11	33.32	7.8131	0.9707	-0.0252
633	SLU 18	0.12	0.11	34.09	7.9997	0.9934	-0.0255
633	SLU 19	0.12	0.13	34.1	8.0009	0.9935	-0.026
633	SLU 20	0.13	0.11	34.5	8.0938	1.0055	-0.0258
633	SLU 21	0.12	0.13	34.51	8.095	1.0056	-0.0263
633	SLU 22	0.12	0.12	32.09	7.5357	0.9336	-0.0258
633	SLU 23	0.12	0.16	32.1	7.5377	0.9338	-0.0266
633	SLU 24	0.13	0.13	32.77	7.6936	0.9536	-0.0267
633	SLU 25	0.12	0.15	32.78	7.6948	0.9538	-0.0272
633	SLU 26	0.12	0.16	32.51	7.6318	0.9459	-0.0269
633	SLU 27	0.13	0.13	33.18	7.7877	0.9657	-0.027
633	SLU 28	0.13	0.16	33.19	7.7889	0.9658	-0.0275
633	SLU 29	0.13	0.13	32.91	7.7238	0.9578	-0.0264
633	SLU 30	0.12	0.15	32.92	7.7251	0.9579	-0.0269
633	SLU 31	0.13	0.21	35.84	8.4152	1.0434	-0.0296
633	SLU 32	0.13	0.18	36.5	8.5712	1.0631	-0.0298
633	SLU 33	0.13	0.2	36.51	8.5724	1.0633	-0.0302
633	SLU 34	0.13	0.21	36.25	8.5093	1.0554	-0.0299
633	SLU 35	0.14	0.18	36.92	8.6653	1.0752	-0.0301
633	SLU 36	0.14	0.2	36.92	8.6665	1.0754	-0.0305
633	SLU 37	0.13	0.17	36.64	8.6014	1.0673	-0.0295
633	SLU 38	0.13	0.2	36.65	8.6026	1.0674	-0.0299
633	SLU 39	0.14	0.19	37.42	8.7893	1.09	-0.0302
633	SLU 40	0.13	0.21	37.43	8.7905	1.0902	-0.0306
633	SLU 41	0.14	0.19	37.83	8.8834	1.1021	-0.0305
633	SLU 42	0.14	0.21	37.84	8.8846	1.1023	-0.0309
633	SLU 43	0.14	0.03	36.24	8.4992	1.0548	-0.0259
633	SLU 44	0.14	0.06	36.25	8.5013	1.0551	-0.0266
633	SLU 45	0.14	0.04	36.92	8.6572	1.0749	-0.0268
633	SLU 46	0.14	0.06	36.93	8.6584	1.075	-0.0272
633	SLU 47	0.14	0.07	36.66	8.5954	1.0672	-0.0269
633	SLU 48	0.14	0.04	37.33	8.7513	1.0869	-0.0271
633	SLU 49	0.14	0.06	37.34	8.7525	1.0871	-0.0275
633	SLU 50	0.14	0.03	37.06	8.6874	1.079	-0.0265
633	SLU 51	0.14	0.05	37.07	8.6886	1.0791	-0.0269
633	SLU 52	0.15	0.11	39.99	9.3788	1.1646	-0.0297
633	SLU 53	0.15	0.08	40.66	9.5347	1.1844	-0.0298
633	SLU 54	0.15	0.11	40.67	9.5359	1.1845	-0.0303
633	SLU 55	0.15	0.11	40.4	9.4729	1.1767	-0.03
633	SLU 56	0.15	0.09	41.07	9.6288	1.1965	-0.0301
633	SLU 57	0.15	0.11	41.08	9.63	1.1966	-0.0306
633	SLU 58	0.15	0.08	40.8	9.565	1.1885	-0.0295
633	SLU 59	0.15	0.1	40.81	9.5662	1.1887	-0.03
633	SLU 60	0.15	0.09	41.58	9.7528	1.2113	-0.0303
633	SLU 61	0.15	0.12	41.59	9.7541	1.2114	-0.0307
633	SLU 62	0.15	0.1	41.99	9.8469	1.2234	-0.0305
633	SLU 63	0.15	0.12	42	9.8482	1.2235	-0.031
633	SLU 64	0.15	0.11	39.57	9.2888	1.1515	-0.0306
633	SLU 65	0.15	0.14	39.59	9.2908	1.1518	-0.0313
633	SLU 66	0.15	0.12	40.25	9.4467	1.1715	-0.0315
633	SLU 67	0.15	0.14	40.26	9.448	1.1717	-0.0319
633	SLU 68	0.15	0.15	40	9.3849	1.1638	-0.0316
633	SLU 69	0.16	0.12	40.66	9.5408	1.1836	-0.0318
633	SLU 70	0.15	0.14	40.67	9.5421	1.1838	-0.0322
633	SLU 71	0.15	0.11	40.39	9.477	1.1757	-0.0312
633	SLU 72	0.15	0.13	40.4	9.4782	1.1758	-0.0316
633	SLU 73	0.16	0.19	43.32	10.1684	1.2613	-0.0344
633	SLU 74	0.16	0.16	43.99	10.3243	1.2811	-0.0345
633	SLU 75	0.16	0.19	44	10.3255	1.2812	-0.035
633	SLU 76	0.16	0.19	43.73	10.2625	1.2734	-0.0347
633	SLU 77	0.17	0.17	44.4	10.4184	1.2931	-0.0348
633	SLU 78	0.16	0.19	44.41	10.4196	1.2933	-0.0353
633	SLU 79	0.16	0.16	44.13	10.3545	1.2852	-0.0342
633	SLU 80	0.16	0.18	44.14	10.3557	1.2853	-0.0347
633	SLU 81	0.16	0.17	44.91	10.5424	1.308	-0.0349
633	SLU 82	0.16	0.2	44.92	10.5436	1.3081	-0.0354



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
633	SLU 83	0.17	0.18	45.32	10.6365	1.3201	-0.0352
633	SLU 84	0.17	0.2	45.33	10.6377	1.3202	-0.0357
633	SLE RA 1	0.11	0.06	29.71	6.9717	0.8645	-0.0225
633	SLE RA 2	0.11	0.09	29.72	6.973	0.8647	-0.023
633	SLE RA 3	0.12	0.07	30.16	7.077	0.8779	-0.0231
633	SLE RA 4	0.12	0.09	30.17	7.0778	0.878	-0.0234
633	SLE RA 5	0.11	0.09	29.99	7.0358	0.8728	-0.0232
633	SLE RA 6	0.12	0.07	30.44	7.1397	0.8859	-0.0233
633	SLE RA 7	0.12	0.09	30.44	7.1405	0.886	-0.0236
633	SLE RA 8	0.12	0.07	30.26	7.0971	0.8806	-0.0229
633	SLE RA 9	0.11	0.08	30.26	7.098	0.8807	-0.0232
633	SLE RA 10	0.12	0.12	32.21	7.5581	0.9377	-0.025
633	SLE RA 11	0.12	0.1	32.65	7.662	0.9509	-0.0251
633	SLE RA 12	0.12	0.12	32.66	7.6628	0.951	-0.0254
633	SLE RA 13	0.12	0.12	32.48	7.6208	0.9458	-0.0252
633	SLE RA 14	0.12	0.1	32.93	7.7248	0.959	-0.0253
633	SLE RA 15	0.12	0.12	32.93	7.7256	0.959	-0.0256
633	SLE RA 16	0.12	0.1	32.75	7.6822	0.9537	-0.0249
633	SLE RA 17	0.12	0.11	32.75	7.683	0.9538	-0.0252
633	SLE RA 18	0.12	0.11	33.27	7.8074	0.9688	-0.0254
633	SLE RA 19	0.12	0.12	33.27	7.8083	0.9689	-0.0257
633	SLE RA 20	0.12	0.11	33.54	7.8702	0.9769	-0.0256
633	SLE RA 21	0.12	0.13	33.54	7.871	0.977	-0.0259
633	SLE FR 1	0.11	0.06	29.71	6.9717	0.8645	-0.0225
633	SLE FR 2	0.11	0.07	29.71	6.972	0.8646	-0.0226
633	SLE FR 3	0.11	0.06	29.82	6.9968	0.8678	-0.0226
633	SLE FR 4	0.12	0.08	30.78	7.2227	0.8959	-0.0235
633	SLE FR 5	0.12	0.08	30.89	7.2475	0.899	-0.0234
633	SLE FR 6	0.12	0.09	31.49	7.3896	0.9167	-0.0239
633	SLE QP 1	0.11	0.06	29.71	6.9717	0.8645	-0.0225
633	SLE QP 2	0.12	0.08	30.78	7.2224	0.8958	-0.0234
633	SLD 1	2.53	0.41	30.4	7.2039	0.8827	-0.6382
633	SLD 2	2.53	0.47	30.39	7.2038	0.8825	-0.6392
633	SLD 3	2.51	-0.48	30.89	7.3216	0.9004	-0.6081
633	SLD 4	2.51	-0.43	30.89	7.3214	0.9002	-0.6091
633	SLD 5	0.88	1.52	29.91	7.0385	0.865	-0.2534
633	SLD 6	0.88	1.56	29.91	7.0384	0.8649	-0.254
633	SLD 7	0.8	-1.45	31.56	7.4306	0.9241	-0.1529
633	SLD 8	0.8	-1.41	31.56	7.4305	0.924	-0.1535
633	SLD 9	-0.57	1.57	29.99	7.0143	0.8676	0.1068
633	SLD 10	-0.57	1.61	29.99	7.0142	0.8675	0.1061
633	SLD 11	-0.64	-1.4	31.64	7.4064	0.9267	0.2073
633	SLD 12	-0.64	-1.36	31.64	7.4063	0.9266	0.2067
633	SLD 13	-2.28	0.58	30.66	7.1234	0.8914	0.5623
633	SLD 14	-2.28	0.64	30.66	7.1233	0.8913	0.5614
633	SLD 15	-2.3	-0.31	31.16	7.2411	0.9091	0.5925
633	SLD 16	-2.3	-0.26	31.16	7.2409	0.909	0.5915
633	SLV 1	5.77	0.83	29.91	7.1848	0.8658	-1.4608
633	SLV 2	5.77	0.95	29.9	7.1844	0.8654	-1.4631
633	SLV 3	5.72	-1.19	31.03	7.451	0.9059	-1.3925
633	SLV 4	5.72	-1.07	31.02	7.4506	0.9055	-1.3948
633	SLV 5	1.89	3.34	28.82	6.8074	0.8261	-0.5577
633	SLV 6	1.89	3.43	28.82	6.8071	0.8258	-0.5592
633	SLV 7	1.72	-3.39	32.55	7.6949	0.9597	-0.3301
633	SLV 8	1.72	-3.31	32.54	7.6946	0.9595	-0.3316
633	SLV 9	-1.49	3.46	29.01	6.7502	0.8322	0.2849
633	SLV 10	-1.49	3.55	29	6.7499	0.832	0.2834
633	SLV 11	-1.66	-3.27	32.74	7.6377	0.9658	0.5125
633	SLV 12	-1.66	-3.19	32.73	7.6374	0.9656	0.511
633	SLV 13	-5.49	1.22	30.53	6.9942	0.8861	1.3481
633	SLV 14	-5.49	1.35	30.53	6.9938	0.8858	1.3458
633	SLV 15	-5.54	-0.8	31.65	7.2604	0.9262	1.4163
633	SLV 16	-5.54	-0.67	31.64	7.26	0.9259	1.414
633	CRTFP Ux+	0	0	0	0	0	0
633	CRTFP Ux-	0	0	0	0	0	0
633	CRTFP Uy+	0	0	0	0	0	0
633	CRTFP Uy-	0	0	0	0	0	0
634	SLU 1	0.14	0.26	26.54	6.1948	-1.7369	-0.0118
634	SLU 2	0.14	0.29	26.55	6.198	-1.7379	-0.0091
634	SLU 3	0.14	0.27	27.16	6.3384	-1.7774	-0.0117
634	SLU 4	0.14	0.29	27.17	6.3403	-1.778	-0.0101
634	SLU 5	0.14	0.3	26.93	6.2838	-1.7622	-0.0093
634	SLU 6	0.15	0.28	27.53	6.4242	-1.8018	-0.0118
634	SLU 7	0.15	0.3	27.54	6.4261	-1.8024	-0.0103
634	SLU 8	0.14	0.27	27.29	6.3664	-1.7856	-0.0121
634	SLU 9	0.14	0.29	27.29	6.3683	-1.7862	-0.0105
634	SLU 10	0.15	0.36	29.97	7.0006	-1.9613	-0.0071
634	SLU 11	0.15	0.34	30.58	7.1411	-2.0009	-0.0097
634	SLU 12	0.15	0.36	30.59	7.143	-2.0015	-0.0081
634	SLU 13	0.15	0.36	30.35	7.0864	-1.9857	-0.0072
634	SLU 14	0.16	0.34	30.96	7.2269	-2.0252	-0.0098
634	SLU 15	0.16	0.36	30.97	7.2288	-2.0259	-0.0082
634	SLU 16	0.15	0.33	30.71	7.1691	-2.009	-0.01
634	SLU 17	0.15	0.35	30.72	7.171	-2.0096	-0.0084
634	SLU 18	0.16	0.35	31.43	7.3414	-2.0561	-0.0089
634	SLU 19	0.15	0.37	31.44	7.3433	-2.0567	-0.0073
634	SLU 20	0.16	0.35	31.8	7.4272	-2.0804	-0.009
634	SLU 21	0.16	0.37	31.81	7.4292	-2.081	-0.0074
634	SLU 22	0.15	0.35	29.62	6.9238	-1.9388	-0.0087



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
634	SLU 23	0.15	0.39	29.63	6.927	-1.9399	-0.0061
634	SLU 24	0.16	0.37	30.24	7.0675	-1.9794	-0.0086
634	SLU 25	0.16	0.39	30.25	7.0694	-1.98	-0.007
634	SLU 26	0.15	0.39	30.01	7.0128	-1.9642	-0.0062
634	SLU 27	0.16	0.37	30.62	7.1533	-2.0037	-0.0088
634	SLU 28	0.16	0.39	30.62	7.1552	-2.0044	-0.0072
634	SLU 29	0.16	0.36	30.37	7.0955	-1.9875	-0.009
634	SLU 30	0.16	0.38	30.38	7.0974	-1.9881	-0.0074
634	SLU 31	0.16	0.45	33.06	7.7297	-2.1633	-0.004
634	SLU 32	0.17	0.43	33.67	7.8701	-2.2028	-0.0066
634	SLU 33	0.17	0.45	33.67	7.872	-2.2035	-0.005
634	SLU 34	0.17	0.45	33.43	7.8155	-2.1877	-0.0042
634	SLU 35	0.17	0.43	34.04	7.9559	-2.2272	-0.0067
634	SLU 36	0.17	0.45	34.05	7.9578	-2.2278	-0.0052
634	SLU 37	0.17	0.42	33.79	7.8981	-2.211	-0.007
634	SLU 38	0.17	0.44	33.8	7.9	-2.2116	-0.0054
634	SLU 39	0.17	0.44	34.51	8.0705	-2.258	-0.0058
634	SLU 40	0.17	0.46	34.52	8.0724	-2.2587	-0.0042
634	SLU 41	0.17	0.45	34.88	8.1563	-2.2824	-0.006
634	SLU 42	0.17	0.47	34.89	8.1582	-2.283	-0.0044
634	SLU 43	0.18	0.3	33.44	7.8033	-2.1887	-0.0164
634	SLU 44	0.18	0.34	33.46	7.8064	-2.1897	-0.0137
634	SLU 45	0.18	0.32	34.06	7.9469	-2.2292	-0.0163
634	SLU 46	0.18	0.34	34.07	7.9488	-2.2299	-0.0147
634	SLU 47	0.18	0.34	33.83	7.8922	-2.214	-0.0139
634	SLU 48	0.18	0.32	34.44	8.0327	-2.2536	-0.0164
634	SLU 49	0.18	0.34	34.45	8.0346	-2.2542	-0.0148
634	SLU 50	0.18	0.31	34.19	7.9749	-2.2374	-0.0166
634	SLU 51	0.18	0.33	34.2	7.9768	-2.238	-0.0151
634	SLU 52	0.19	0.4	36.88	8.6091	-2.4131	-0.0117
634	SLU 53	0.19	0.38	37.49	8.7495	-2.4527	-0.0143
634	SLU 54	0.19	0.4	37.5	8.7514	-2.4533	-0.0127
634	SLU 55	0.19	0.41	37.25	8.6949	-2.4375	-0.0118
634	SLU 56	0.19	0.39	37.86	8.8353	-2.477	-0.0144
634	SLU 57	0.19	0.41	37.87	8.8373	-2.4777	-0.0128
634	SLU 58	0.19	0.38	37.61	8.7775	-2.4608	-0.0146
634	SLU 59	0.19	0.4	37.62	8.7794	-2.4614	-0.013
634	SLU 60	0.19	0.39	38.33	8.9499	-2.5079	-0.0135
634	SLU 61	0.19	0.42	38.34	8.9518	-2.5085	-0.0119
634	SLU 62	0.19	0.4	38.71	9.0357	-2.5322	-0.0136
634	SLU 63	0.19	0.42	38.72	9.0376	-2.5329	-0.012
634	SLU 64	0.19	0.4	36.52	8.5323	-2.3906	-0.0133
634	SLU 65	0.19	0.43	36.54	8.5355	-2.3917	-0.0106
634	SLU 66	0.2	0.41	37.15	8.6759	-2.4312	-0.0132
634	SLU 67	0.19	0.43	37.15	8.6779	-2.4318	-0.0116
634	SLU 68	0.19	0.44	36.91	8.6213	-2.416	-0.0108
634	SLU 69	0.2	0.42	37.52	8.7618	-2.4556	-0.0134
634	SLU 70	0.2	0.44	37.53	8.7637	-2.4562	-0.0118
634	SLU 71	0.2	0.41	37.27	8.7039	-2.4393	-0.0136
634	SLU 72	0.19	0.43	37.28	8.7058	-2.44	-0.012
634	SLU 73	0.2	0.5	39.96	9.3382	-2.6151	-0.0086
634	SLU 74	0.21	0.47	40.57	9.4786	-2.6547	-0.0112
634	SLU 75	0.2	0.5	40.58	9.4805	-2.6553	-0.0096
634	SLU 76	0.2	0.5	40.34	9.424	-2.6395	-0.0088
634	SLU 77	0.21	0.48	40.94	9.5644	-2.679	-0.0113
634	SLU 78	0.21	0.5	40.95	9.5663	-2.6796	-0.0097
634	SLU 79	0.21	0.47	40.7	9.5066	-2.6628	-0.0116
634	SLU 80	0.21	0.49	40.7	9.5085	-2.6634	-0.01
634	SLU 81	0.21	0.49	41.41	9.679	-2.7098	-0.0104
634	SLU 82	0.21	0.51	41.42	9.6809	-2.7105	-0.0088
634	SLU 83	0.21	0.49	41.79	9.7648	-2.7342	-0.0105
634	SLU 84	0.21	0.51	41.8	9.7667	-2.7348	-0.009
634	SLE RA 1	0.14	0.29	27.42	6.4031	-1.7946	-0.0109
634	SLE RA 2	0.14	0.31	27.43	6.4052	-1.7952	-0.0091
634	SLE RA 3	0.15	0.29	27.83	6.4988	-1.8216	-0.0108
634	SLE RA 4	0.15	0.31	27.84	6.5001	-1.822	-0.0098
634	SLE RA 5	0.14	0.31	27.68	6.4624	-1.8115	-0.0092
634	SLE RA 6	0.15	0.3	28.08	6.556	-1.8378	-0.0109
634	SLE RA 7	0.15	0.31	28.09	6.5573	-1.8383	-0.0099
634	SLE RA 8	0.15	0.29	27.92	6.5175	-1.827	-0.0111
634	SLE RA 9	0.15	0.31	27.92	6.5188	-1.8274	-0.01
634	SLE RA 10	0.15	0.35	29.71	6.9403	-1.9442	-0.0078
634	SLE RA 11	0.15	0.34	30.11	7.0339	-1.9706	-0.0095
634	SLE RA 12	0.15	0.35	30.12	7.0352	-1.971	-0.0084
634	SLE RA 13	0.15	0.35	29.96	6.9975	-1.9605	-0.0079
634	SLE RA 14	0.16	0.34	30.36	7.0911	-1.9868	-0.0096
634	SLE RA 15	0.15	0.35	30.37	7.0924	-1.9872	-0.0085
634	SLE RA 16	0.15	0.33	30.2	7.0526	-1.976	-0.0097
634	SLE RA 17	0.15	0.35	30.2	7.0539	-1.9764	-0.0087
634	SLE RA 18	0.15	0.35	30.68	7.1675	-2.0074	-0.009
634	SLE RA 19	0.15	0.36	30.68	7.1688	-2.0078	-0.0079
634	SLE RA 20	0.16	0.35	30.93	7.2247	-2.0236	-0.0091
634	SLE RA 21	0.15	0.36	30.93	7.226	-2.024	-0.008
634	SLE FR 1	0.14	0.29	27.42	6.4031	-1.7946	-0.0109
634	SLE FR 2	0.14	0.29	27.42	6.4035	-1.7947	-0.0105
634	SLE FR 3	0.14	0.29	27.52	6.426	-1.8011	-0.0109
634	SLE FR 4	0.15	0.31	28.4	6.6328	-1.8585	-0.01
634	SLE FR 5	0.15	0.3	28.5	6.6553	-1.8649	-0.0104
634	SLE FR 6	0.15	0.32	29.05	6.7853	-1.901	-0.0099



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
634	SLE QP 1	0.14	0.29	27.42	6.4031	-1.7946	-0.0109
634	SLE QP 2	0.15	0.3	28.4	6.6324	-1.8584	-0.0103
634	SLD 1	2.4	0.57	28.06	6.5635	-1.8355	-0.5562
634	SLD 2	2.4	0.63	28.06	6.5653	-1.8355	-0.5516
634	SLD 3	2.38	-0.24	28.42	6.6332	-1.856	-0.6058
634	SLD 4	2.38	-0.18	28.42	6.6349	-1.856	-0.6012
634	SLD 5	0.86	1.6	27.75	6.5058	-1.8204	-0.0998
634	SLD 6	0.86	1.64	27.75	6.507	-1.8204	-0.0968
634	SLD 7	0.79	-1.1	28.95	6.7379	-1.8888	-0.2649
634	SLD 8	0.79	-1.06	28.95	6.7391	-1.8888	-0.2619
634	SLD 9	-0.49	1.66	27.84	6.5258	-1.828	0.2412
634	SLD 10	-0.49	1.7	27.84	6.5269	-1.828	0.2443
634	SLD 11	-0.56	-1.03	29.04	6.7579	-1.8964	0.0761
634	SLD 12	-0.56	-0.99	29.04	6.759	-1.8964	0.0792
634	SLD 13	-2.09	0.78	28.37	6.6299	-1.8608	0.5805
634	SLD 14	-2.09	0.85	28.37	6.6317	-1.8608	0.5851
634	SLD 15	-2.11	-0.02	28.73	6.6996	-1.8813	0.531
634	SLD 16	-2.11	0.04	28.73	6.7013	-1.8813	0.5356
634	SLV 1	5.42	0.89	27.63	6.4714	-1.8054	-1.2893
634	SLV 2	5.42	1.04	27.63	6.4754	-1.8054	-1.2786
634	SLV 3	5.37	-0.94	28.44	6.6292	-1.852	-1.4017
634	SLV 4	5.37	-0.79	28.44	6.6332	-1.852	-1.391
634	SLV 5	1.8	3.24	26.94	6.3441	-1.7719	-0.2254
634	SLV 6	1.8	3.33	26.93	6.3467	-1.7719	-0.2185
634	SLV 7	1.64	-2.87	29.64	6.8701	-1.927	-0.6001
634	SLV 8	1.64	-2.78	29.64	6.8727	-1.927	-0.5931
634	SLV 9	-1.35	3.39	27.15	6.3921	-1.7898	0.5725
634	SLV 10	-1.35	3.48	27.15	6.3948	-1.7898	0.5794
634	SLV 11	-1.51	-2.72	29.86	6.9181	-1.9449	0.1978
634	SLV 12	-1.51	-2.63	29.86	6.9208	-1.9449	0.2048
634	SLV 13	-5.08	1.4	28.35	6.6316	-1.8648	1.3704
634	SLV 14	-5.08	1.55	28.35	6.6357	-1.8648	1.3811
634	SLV 15	-5.13	-0.43	29.16	6.7894	-1.9114	1.258
634	SLV 16	-5.13	-0.29	29.16	6.7935	-1.9114	1.2687
634	CRTFP Ux+	0	0	0	0	0	0
634	CRTFP Ux-	0	0	0	0	0	0
634	CRTFP Uy+	0	0	0	0	0	0
634	CRTFP Uy-	0	0	0	0	0	0
636	SLU 1	0.76	1.92	104.98	37.3065	36.4255	-0.8963
636	SLU 2	0.76	2.06	105.06	37.3366	36.4504	-0.9421
636	SLU 3	0.78	1.99	107.4	38.1661	37.2715	-0.9281
636	SLU 4	0.78	2.08	107.45	38.1841	37.2864	-0.9556
636	SLU 5	0.77	2.09	106.51	37.8546	36.9599	-0.955
636	SLU 6	0.8	2.02	108.86	38.6841	37.781	-0.941
636	SLU 7	0.79	2.1	108.91	38.7021	37.7959	-0.9685
636	SLU 8	0.79	1.97	107.89	38.3425	37.4445	-0.9221
636	SLU 9	0.78	2.06	107.94	38.3605	37.4594	-0.9496
636	SLU 10	0.81	2.37	118.55	42.1549	41.1488	-1.0703
636	SLU 11	0.84	2.31	120.9	42.9844	41.9699	-1.0562
636	SLU 12	0.83	2.39	120.94	43.0025	41.9848	-1.0837
636	SLU 13	0.82	2.4	120.01	42.6729	41.6583	-1.0832
636	SLU 14	0.85	2.33	122.35	43.5024	42.4793	-1.0691
636	SLU 15	0.85	2.41	122.4	43.5205	42.4943	-1.0966
636	SLU 16	0.84	2.28	121.38	43.1608	42.1429	-1.0502
636	SLU 17	0.84	2.37	121.43	43.1788	42.1578	-1.0777
636	SLU 18	0.84	2.37	124.25	44.1898	43.1375	-1.0794
636	SLU 19	0.84	2.45	124.3	44.2079	43.1524	-1.1069
636	SLU 20	0.85	2.39	125.71	44.7078	43.647	-1.0923
636	SLU 21	0.85	2.48	125.76	44.7259	43.6619	-1.1197
636	SLU 22	0.84	2.36	117.35	41.735	40.696	-1.076
636	SLU 23	0.83	2.5	117.43	41.765	40.7209	-1.1218
636	SLU 24	0.86	2.43	119.77	42.5945	41.542	-1.1077
636	SLU 25	0.86	2.51	119.82	42.6126	41.5569	-1.1352
636	SLU 26	0.84	2.52	118.88	42.283	41.2304	-1.1347
636	SLU 27	0.87	2.46	121.23	43.1125	42.0515	-1.1206
636	SLU 28	0.87	2.54	121.27	43.1306	42.0664	-1.1481
636	SLU 29	0.86	2.41	120.26	42.7709	41.715	-1.1017
636	SLU 30	0.86	2.49	120.3	42.789	41.73	-1.1292
636	SLU 31	0.89	2.81	130.92	46.5834	45.4193	-1.2499
636	SLU 32	0.92	2.74	133.26	47.4129	46.2404	-1.2358
636	SLU 33	0.91	2.83	133.31	47.4309	46.2553	-1.2633
636	SLU 34	0.9	2.84	132.37	47.1013	45.9288	-1.2628
636	SLU 35	0.93	2.77	134.72	47.9309	46.7499	-1.2487
636	SLU 36	0.92	2.85	134.77	47.9489	46.7648	-1.2762
636	SLU 37	0.92	2.72	133.75	47.5893	46.4134	-1.2299
636	SLU 38	0.91	2.81	133.8	47.6073	46.4283	-1.2574
636	SLU 39	0.92	2.81	136.62	48.6183	47.408	-1.259
636	SLU 40	0.91	2.89	136.67	48.6363	47.4229	-1.2865
636	SLU 41	0.93	2.83	138.08	49.1363	47.9175	-1.2719
636	SLU 42	0.93	2.92	138.12	49.1543	47.9324	-1.2994
636	SLU 43	0.97	2.35	132.23	46.9801	45.889	-1.1036
636	SLU 44	0.96	2.49	132.31	47.0102	45.9139	-1.1495
636	SLU 45	0.99	2.42	134.66	47.8397	46.7349	-1.1354
636	SLU 46	0.98	2.5	134.71	47.8578	46.7499	-1.1629
636	SLU 47	0.97	2.51	133.77	47.5282	46.4234	-1.1623
636	SLU 48	1	2.44	136.11	48.3577	47.2444	-1.1483
636	SLU 49	0.99	2.53	136.16	48.3757	47.2594	-1.1758
636	SLU 50	0.99	2.4	135.14	48.0161	46.908	-1.1294
636	SLU 51	0.99	2.48	135.19	48.0341	46.9229	-1.1569



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
636	SLU 52	1.01	2.8	145.81	51.8286	50.6123	-1.2776
636	SLU 53	1.04	2.73	148.15	52.6581	51.4333	-1.2635
636	SLU 54	1.04	2.81	148.2	52.6761	51.4483	-1.291
636	SLU 55	1.03	2.82	147.26	52.3465	51.1218	-1.2905
636	SLU 56	1.05	2.76	149.6	53.176	51.9428	-1.2764
636	SLU 57	1.05	2.84	149.65	53.1941	51.9578	-1.3039
636	SLU 58	1.04	2.71	148.63	52.8344	51.6063	-1.2575
636	SLU 59	1.04	2.79	148.68	52.8525	51.6213	-1.285
636	SLU 60	1.04	2.8	151.51	53.8635	52.601	-1.2867
636	SLU 61	1.04	2.88	151.56	53.8815	52.6159	-1.3142
636	SLU 62	1.06	2.82	152.96	54.3815	53.1104	-1.2996
636	SLU 63	1.05	2.9	153.01	54.3995	53.1254	-1.3271
636	SLU 64	1.04	2.79	144.6	51.4086	50.1595	-1.2833
636	SLU 65	1.04	2.93	144.68	51.4387	50.1844	-1.3291
636	SLU 66	1.06	2.86	147.03	52.2682	51.0055	-1.315
636	SLU 67	1.06	2.94	147.07	52.2862	51.0204	-1.3425
636	SLU 68	1.05	2.95	146.14	51.9566	50.6939	-1.342
636	SLU 69	1.08	2.88	148.48	52.7862	51.515	-1.3279
636	SLU 70	1.07	2.97	148.53	52.8042	51.5299	-1.3554
636	SLU 71	1.07	2.84	147.51	52.4446	51.1785	-1.3091
636	SLU 72	1.06	2.92	147.56	52.4626	51.1934	-1.3365
636	SLU 73	1.09	3.24	158.17	56.257	54.8828	-1.4572
636	SLU 74	1.12	3.17	160.52	57.0865	55.7038	-1.4431
636	SLU 75	1.11	3.25	160.56	57.1046	55.7188	-1.4706
636	SLU 76	1.1	3.26	159.63	56.775	55.3923	-1.4701
636	SLU 77	1.13	3.2	161.97	57.6045	56.2133	-1.456
636	SLU 78	1.13	3.28	162.02	57.6225	56.2283	-1.4835
636	SLU 79	1.12	3.15	161	57.2629	55.8769	-1.4372
636	SLU 80	1.12	3.23	161.05	57.2809	55.8918	-1.4647
636	SLU 81	1.12	3.23	163.87	58.2919	56.8715	-1.4663
636	SLU 82	1.12	3.32	163.92	58.31	56.8864	-1.4938
636	SLU 83	1.13	3.26	165.33	58.8099	57.381	-1.4792
636	SLU 84	1.13	3.34	165.38	58.8279	57.3959	-1.5067
636	SLE RA 1	0.79	2.05	108.51	38.5718	37.6457	-0.9476
636	SLE RA 2	0.78	2.14	108.57	38.5918	37.6623	-0.9782
636	SLE RA 3	0.8	2.1	110.13	39.1448	38.2096	-0.9688
636	SLE RA 4	0.8	2.15	110.16	39.1569	38.2196	-0.9871
636	SLE RA 5	0.79	2.16	109.54	38.9372	38.0019	-0.9868
636	SLE RA 6	0.81	2.11	111.1	39.4902	38.5493	-0.9774
636	SLE RA 7	0.8	2.17	111.13	39.5022	38.5593	-0.9957
636	SLE RA 8	0.8	2.08	110.45	39.2624	38.325	-0.9648
636	SLE RA 9	0.8	2.14	110.48	39.2745	38.3349	-0.9832
636	SLE RA 10	0.82	2.35	117.56	41.8041	40.7945	-1.0636
636	SLE RA 11	0.84	2.3	119.12	42.3571	41.3419	-1.0542
636	SLE RA 12	0.83	2.36	119.16	42.3691	41.3519	-1.0726
636	SLE RA 13	0.82	2.36	118.53	42.1494	41.1342	-1.0722
636	SLE RA 14	0.84	2.32	120.09	42.7024	41.6815	-1.0628
636	SLE RA 15	0.84	2.37	120.13	42.7144	41.6915	-1.0812
636	SLE RA 16	0.84	2.29	119.45	42.4746	41.4572	-1.0503
636	SLE RA 17	0.83	2.34	119.48	42.4867	41.4672	-1.0686
636	SLE RA 18	0.84	2.35	121.36	43.1607	42.1203	-1.0697
636	SLE RA 19	0.83	2.4	121.39	43.1727	42.1303	-1.088
636	SLE RA 20	0.85	2.36	122.33	43.506	42.46	-1.0783
636	SLE RA 21	0.84	2.42	122.36	43.518	42.4699	-1.0966
636	SLE FR 1	0.79	2.05	108.51	38.5718	37.6457	-0.9476
636	SLE FR 2	0.78	2.07	108.52	38.5758	37.649	-0.9538
636	SLE FR 3	0.79	2.06	108.9	38.7099	37.7815	-0.9511
636	SLE FR 4	0.8	2.16	112.38	39.9525	38.9914	-0.9904
636	SLE FR 5	0.8	2.14	112.76	40.0866	39.1239	-0.9877
636	SLE FR 6	0.81	2.2	114.94	40.8662	39.883	-1.0087
636	SLE QP 1	0.79	2.05	108.51	38.5718	37.6457	-0.9476
636	SLE QP 2	0.8	2.14	112.37	39.9485	38.988	-0.9843
636	SLD 1	9.83	3.19	110.02	39.0832	38.436	-4.6197
636	SLD 2	9.81	3.53	110.04	39.1033	38.4467	-4.7167
636	SLD 3	9.74	0.04	110.71	39.2589	38.746	-3.4753
636	SLD 4	9.73	0.37	110.73	39.279	38.7567	-3.5723
636	SLD 5	3.65	7.18	110.61	39.4188	38.3504	-3.7932
636	SLD 6	3.64	7.4	110.63	39.432	38.3574	-3.8571
636	SLD 7	3.35	-3.34	112.91	40.0044	39.3837	0.0215
636	SLD 8	3.34	-3.12	112.93	40.0177	39.3907	-0.0424
636	SLD 9	-1.74	7.4	111.81	39.8792	38.5854	-1.9261
636	SLD 10	-1.75	7.61	111.83	39.8925	38.5924	-1.99
636	SLD 11	-2.03	-3.12	114.11	40.4649	39.6187	1.8886
636	SLD 12	-2.05	-2.91	114.13	40.4781	39.6257	1.8246
636	SLD 13	-8.12	3.91	114	40.6179	39.2194	1.6038
636	SLD 14	-8.14	4.24	114.03	40.638	39.2301	1.5068
636	SLD 15	-8.21	0.75	114.69	40.7936	39.5294	2.7482
636	SLD 16	-8.23	1.08	114.72	40.8137	39.5401	2.6512
636	SLV 1	21.93	4.48	106.88	37.9244	37.7031	-9.4462
636	SLV 2	21.88	5.25	106.95	37.9713	37.7279	-9.6722
636	SLV 3	21.72	-2.68	108.46	38.3281	38.4067	-6.8528
636	SLV 4	21.68	-1.9	108.52	38.3749	38.4316	-7.0789
636	SLV 5	7.45	13.56	108.32	38.7209	37.5311	-7.4169
636	SLV 6	7.43	14.06	108.36	38.7512	37.5471	-7.5632
636	SLV 7	6.78	-10.29	113.57	40.0664	39.8765	1.2277
636	SLV 8	6.75	-9.79	113.62	40.0967	39.8926	1.0814
636	SLV 9	-5.15	14.07	111.12	39.8002	38.0835	-3.0499
636	SLV 10	-5.18	14.57	111.16	39.8305	38.0996	-3.1962
636	SLV 11	-5.82	-9.78	116.37	41.1457	40.429	5.5946



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
636	SLV 12	-5.85	-9.28	116.42	41.176	40.445	5.4484
636	SLV 13	-20.08	6.18	41.522	41.522	39.5445	5.1104
636	SLV 14	-20.12	6.95	116.28	41.5688	39.5694	4.8843
636	SLV 15	-20.28	-0.98	117.79	41.9256	40.2482	7.7037
636	SLV 16	-20.32	-0.2	117.86	41.9725	40.273	7.4777
636	CRTFP Ux+	0	0	0	0	0	0
636	CRTFP Ux-	0	0	0	0	0	0
636	CRTFP Uy+	0	0	0	0	0	0
636	CRTFP Uy-	0	0	0	0	0	0
637	SLU 1	0.33	0.75	41.34	1.7133	-2.3675	0.0115
637	SLU 2	0.33	0.81	41.37	1.7163	-2.3693	0.0148
637	SLU 3	0.34	0.78	42.29	1.7517	-2.422	0.012
637	SLU 4	0.34	0.81	42.31	1.7535	-2.4231	0.014
637	SLU 5	0.33	0.81	41.93	1.742	-2.4014	0.0147
637	SLU 6	0.34	0.79	42.85	1.7773	-2.4542	0.0119
637	SLU 7	0.34	0.82	42.87	1.7792	-2.4552	0.0139
637	SLU 8	0.34	0.77	42.46	1.7646	-2.4318	0.0113
637	SLU 9	0.34	0.8	42.48	1.7664	-2.4329	0.0133
637	SLU 10	0.35	0.92	46.61	1.9622	-2.6677	0.0183
637	SLU 11	0.36	0.89	47.53	1.9975	-2.7205	0.0154
637	SLU 12	0.36	0.92	47.55	1.9994	-2.7215	0.0174
637	SLU 13	0.35	0.93	47.17	1.9878	-2.6999	0.0182
637	SLU 14	0.36	0.9	48.09	2.0232	-2.7526	0.0153
637	SLU 15	0.36	0.93	48.11	2.025	-2.7537	0.0173
637	SLU 16	0.36	0.88	47.7	2.0104	-2.7302	0.0148
637	SLU 17	0.36	0.92	47.72	2.0122	-2.7313	0.0168
637	SLU 18	0.36	0.92	48.82	2.0645	-2.7938	0.0164
637	SLU 19	0.36	0.95	48.84	2.0663	-2.7949	0.0184
637	SLU 20	0.36	0.92	49.39	2.0901	-2.826	0.0164
637	SLU 21	0.36	0.96	49.41	2.092	-2.8271	0.0183
637	SLU 22	0.36	0.92	46.17	1.951	-2.6428	0.0169
637	SLU 23	0.36	0.97	46.2	1.9541	-2.6445	0.0203
637	SLU 24	0.37	0.94	47.12	1.9894	-2.6973	0.0174
637	SLU 25	0.37	0.97	47.14	1.9913	-2.6983	0.0194
637	SLU 26	0.36	0.98	46.76	1.9797	-2.6767	0.0202
637	SLU 27	0.37	0.95	47.68	2.0151	-2.7294	0.0173
637	SLU 28	0.37	0.98	47.7	2.0169	-2.7305	0.0193
637	SLU 29	0.37	0.93	47.3	2.0023	-2.7071	0.0168
637	SLU 30	0.37	0.96	47.32	2.0041	-2.7081	0.0188
637	SLU 31	0.38	1.08	51.44	2.1999	-2.943	0.0237
637	SLU 32	0.39	1.05	52.36	2.2353	-2.9957	0.0209
637	SLU 33	0.39	1.08	52.38	2.2371	-2.9968	0.0228
637	SLU 34	0.38	1.09	52	2.2255	-2.9751	0.0236
637	SLU 35	0.39	1.06	52.92	2.2609	-3.0279	0.0208
637	SLU 36	0.39	1.09	52.94	2.2627	-3.0289	0.0228
637	SLU 37	0.39	1.05	52.54	2.2481	-3.0055	0.0202
637	SLU 38	0.39	1.08	52.56	2.25	-3.0066	0.0222
637	SLU 39	0.39	1.08	53.65	2.3022	-3.0691	0.0219
637	SLU 40	0.39	1.11	53.67	2.304	-3.0702	0.0239
637	SLU 41	0.39	1.09	54.22	2.3279	-3.1013	0.0218
637	SLU 42	0.39	1.12	54.24	2.3297	-3.1023	0.0238
637	SLU 43	0.42	0.93	52.08	2.1457	-2.9834	0.0131
637	SLU 44	0.42	0.98	52.11	2.1488	-2.9851	0.0164
637	SLU 45	0.43	0.95	53.03	2.1842	-3.0379	0.0136
637	SLU 46	0.43	0.98	53.05	2.186	-3.0389	0.0155
637	SLU 47	0.42	0.99	52.68	2.1744	-3.0173	0.0163
637	SLU 48	0.43	0.96	53.6	2.2098	-3.07	0.0135
637	SLU 49	0.43	0.99	53.62	2.2116	-3.0711	0.0154
637	SLU 50	0.43	0.94	53.21	2.197	-3.0477	0.0129
637	SLU 51	0.43	0.97	53.23	2.1989	-3.0487	0.0149
637	SLU 52	0.44	1.09	57.35	2.3946	-3.2836	0.0199
637	SLU 53	0.45	1.06	58.27	2.43	-3.3363	0.017
637	SLU 54	0.45	1.09	58.29	2.4318	-3.3374	0.019
637	SLU 55	0.44	1.1	57.92	2.4203	-3.3157	0.0198
637	SLU 56	0.45	1.07	58.84	2.4557	-3.3685	0.0169
637	SLU 57	0.45	1.1	58.86	2.4575	-3.3695	0.0189
637	SLU 58	0.45	1.06	58.45	2.4429	-3.3461	0.0164
637	SLU 59	0.45	1.09	58.47	2.4447	-3.3472	0.0184
637	SLU 60	0.45	1.09	59.57	2.497	-3.4097	0.018
637	SLU 61	0.45	1.12	59.59	2.4988	-3.4108	0.02
637	SLU 62	0.45	1.1	60.13	2.5226	-3.4419	0.0179
637	SLU 63	0.45	1.13	60.15	2.5244	-3.4429	0.0199
637	SLU 64	0.45	1.09	56.91	2.3835	-3.2586	0.0185
637	SLU 65	0.45	1.14	56.95	2.3865	-3.2604	0.0218
637	SLU 66	0.46	1.11	57.86	2.4219	-3.3131	0.019
637	SLU 67	0.46	1.14	57.88	2.4237	-3.3142	0.021
637	SLU 68	0.45	1.15	57.51	2.4122	-3.2926	0.0218
637	SLU 69	0.46	1.12	58.43	2.4475	-3.3453	0.0189
637	SLU 70	0.46	1.15	58.45	2.4494	-3.3464	0.0209
637	SLU 71	0.46	1.1	58.04	2.4348	-3.3229	0.0184
637	SLU 72	0.46	1.13	58.06	2.4366	-3.324	0.0203
637	SLU 73	0.47	1.25	62.19	2.6324	-3.5588	0.0253
637	SLU 74	0.48	1.22	63.1	2.6678	-3.6116	0.0224
637	SLU 75	0.48	1.26	63.12	2.6696	-3.6127	0.0244
637	SLU 76	0.47	1.26	62.75	2.658	-3.591	0.0252
637	SLU 77	0.48	1.23	63.67	2.6934	-3.6437	0.0224
637	SLU 78	0.48	1.26	63.69	2.6952	-3.6448	0.0243
637	SLU 79	0.48	1.22	63.28	2.6806	-3.6214	0.0218
637	SLU 80	0.48	1.25	63.3	2.6824	-3.6224	0.0238



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
637	SLU 81	0.48	1.25	64.4	2.7347	-3.685	0.0235
637	SLU 82	0.48	1.28	64.42	2.7365	-3.686	0.0255
637	SLU 83	0.48	1.26	64.96	2.7603	-3.7171	0.0234
637	SLU 84	0.48	1.29	64.98	2.7622	-3.7182	0.0254
637	SLE RA 1	0.34	0.8	42.72	1.7812	-2.4461	0.0131
637	SLE RA 2	0.34	0.84	42.74	1.7832	-2.4473	0.0153
637	SLE RA 3	0.35	0.82	43.35	1.8068	-2.4825	0.0134
637	SLE RA 4	0.34	0.84	43.36	1.808	-2.4832	0.0147
637	SLE RA 5	0.34	0.84	43.11	1.8003	-2.4688	0.0152
637	SLE RA 6	0.35	0.82	43.73	1.8239	-2.5039	0.0133
637	SLE RA 7	0.35	0.84	43.74	1.8251	-2.5046	0.0146
637	SLE RA 8	0.35	0.81	43.47	1.8154	-2.489	0.0129
637	SLE RA 9	0.35	0.83	43.48	1.8166	-2.4897	0.0143
637	SLE RA 10	0.35	0.91	46.23	1.9471	-2.6463	0.0176
637	SLE RA 11	0.36	0.89	46.84	1.9707	-2.6814	0.0157
637	SLE RA 12	0.36	0.91	46.86	1.9719	-2.6822	0.017
637	SLE RA 13	0.35	0.92	46.61	1.9642	-2.6677	0.0175
637	SLE RA 14	0.36	0.9	47.22	1.9878	-2.7029	0.0156
637	SLE RA 15	0.36	0.92	47.23	1.989	-2.7036	0.0169
637	SLE RA 16	0.36	0.89	46.96	1.9793	-2.688	0.0152
637	SLE RA 17	0.36	0.91	46.98	1.9805	-2.6887	0.0166
637	SLE RA 18	0.36	0.91	47.71	2.0153	-2.7304	0.0164
637	SLE RA 19	0.36	0.93	47.72	2.0166	-2.7311	0.0177
637	SLE RA 20	0.36	0.91	48.08	2.0324	-2.7518	0.0163
637	SLE RA 21	0.36	0.93	48.1	2.0337	-2.7525	0.0176
637	SLE FR 1	0.34	0.8	42.72	1.7812	-2.4461	0.0131
637	SLE FR 2	0.34	0.81	42.72	1.7816	-2.4464	0.0135
637	SLE FR 3	0.34	0.8	42.87	1.788	-2.4547	0.013
637	SLE FR 4	0.35	0.84	44.22	1.8518	-2.5316	0.0145
637	SLE FR 5	0.35	0.84	44.37	1.8583	-2.54	0.014
637	SLE FR 6	0.35	0.85	45.21	1.8983	-2.5882	0.0147
637	SLE QP 1	0.34	0.8	42.72	1.7812	-2.4461	0.0131
637	SLE QP 2	0.35	0.83	44.21	1.8514	-2.5314	0.014
637	SLD 1	3.75	1.27	42.89	1.7219	-2.449	-0.1755
637	SLD 2	3.76	1.41	42.88	1.7327	-2.4477	-0.1652
637	SLD 3	3.78	0.11	43.23	1.6499	-2.472	-0.2378
637	SLD 4	3.79	0.26	43.22	1.6607	-2.4708	-0.2275
637	SLD 5	1.32	2.7	43.3	1.9198	-2.472	0.0497
637	SLD 6	1.33	2.79	43.29	1.9269	-2.4712	0.0565
637	SLD 7	1.42	-1.17	44.44	1.6799	-2.5487	-0.1577
637	SLD 8	1.42	-1.07	44.43	1.687	-2.5479	-0.1509
637	SLD 9	-0.73	2.74	44	2.0159	-2.5149	0.179
637	SLD 10	-0.73	2.84	43.99	2.023	-2.5141	0.1858
637	SLD 11	-0.64	-1.13	45.14	1.776	-2.5916	-0.0284
637	SLD 12	-0.63	-1.03	45.13	1.7831	-2.5908	-0.0216
637	SLD 13	-3.09	1.41	45.21	2.0422	-2.592	0.2556
637	SLD 14	-3.09	1.56	45.2	2.0529	-2.5908	0.2659
637	SLD 15	-3.07	0.25	45.55	1.9702	-2.6151	0.1933
637	SLD 16	-3.06	0.4	45.54	1.981	-2.6138	0.2036
637	SLV 1	8.32	1.8	41.12	1.5446	-2.3391	-0.4318
637	SLV 2	8.33	2.14	41.09	1.5697	-2.3363	-0.4078
637	SLV 3	8.38	-0.83	41.9	1.3818	-2.3918	-0.5729
637	SLV 4	8.39	-0.48	41.87	1.4069	-2.3889	-0.5489
637	SLV 5	2.64	5.05	42.1	2.0021	-2.3943	0.0902
637	SLV 6	2.65	5.27	42.09	2.0183	-2.3925	0.1057
637	SLV 7	2.85	-3.71	44.71	1.4592	-2.5699	-0.3802
637	SLV 8	2.86	-3.49	44.69	1.4754	-2.5681	-0.3647
637	SLV 9	-2.17	5.16	43.74	2.2275	-2.4947	0.3928
637	SLV 10	-2.16	5.38	43.72	2.2437	-2.4929	0.4083
637	SLV 11	-1.95	-3.61	46.34	1.6846	-2.6703	-0.0776
637	SLV 12	-1.95	-3.38	46.33	1.7008	-2.6685	-0.0621
637	SLV 13	-7.7	2.15	46.56	2.296	-2.6739	0.577
637	SLV 14	-7.69	2.49	46.53	2.3211	-2.671	0.601
637	SLV 15	-7.64	-0.48	47.34	2.1332	-2.7265	0.4359
637	SLV 16	-7.62	-0.13	47.31	2.1583	-2.7237	0.4599
637	CRTFP Ux+	0	0	0	0	0	0
637	CRTFP Ux-	0	0	0	0	0	0
637	CRTFP Uy+	0	0	0	0	0	0
637	CRTFP Uy-	0	0	0	0	0	0
638	SLU 1	0.42	0.83	50.35	-1.2409	-0.6267	-0.0118
638	SLU 2	0.42	0.89	50.39	-1.2398	-0.6272	-0.0106
638	SLU 3	0.43	0.86	51.51	-1.2707	-0.6412	-0.0122
638	SLU 4	0.43	0.9	51.53	-1.27	-0.6416	-0.0115
638	SLU 5	0.42	0.9	51.08	-1.254	-0.6359	-0.0109
638	SLU 6	0.44	0.87	52.2	-1.2849	-0.6499	-0.0126
638	SLU 7	0.43	0.9	52.22	-1.2842	-0.6502	-0.0118
638	SLU 8	0.43	0.85	51.72	-1.2693	-0.644	-0.0125
638	SLU 9	0.43	0.88	51.75	-1.2686	-0.6443	-0.0118
638	SLU 10	0.44	1.02	56.76	-1.362	-0.7065	-0.0116
638	SLU 11	0.45	0.98	57.88	-1.3929	-0.7205	-0.0133
638	SLU 12	0.45	1.02	57.9	-1.3922	-0.7208	-0.0126
638	SLU 13	0.45	1.03	57.44	-1.3761	-0.7151	-0.012
638	SLU 14	0.46	0.99	58.56	-1.407	-0.7292	-0.0137
638	SLU 15	0.46	1.03	58.59	-1.4064	-0.7295	-0.0129
638	SLU 16	0.46	0.97	58.09	-1.3914	-0.7233	-0.0136
638	SLU 17	0.45	1.01	58.11	-1.3908	-0.7236	-0.0129
638	SLU 18	0.45	1.01	59.45	-1.4155	-0.74	-0.0133
638	SLU 19	0.45	1.05	59.47	-1.4148	-0.7403	-0.0126
638	SLU 20	0.46	1.02	60.13	-1.4296	-0.7486	-0.0137



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
638	SLU 21	0.46	1.06	60.16	-1.429	-0.7489	-0.013
638	SLU 22	0.46	1.01	56.24	-1.3397	-0.7008	-0.0125
638	SLU 23	0.45	1.08	56.28	-1.3386	-0.7013	-0.0113
638	SLU 24	0.47	1.04	57.4	-1.3695	-0.7153	-0.0129
638	SLU 25	0.47	1.08	57.43	-1.3688	-0.7156	-0.0122
638	SLU 26	0.46	1.08	56.97	-1.3528	-0.7099	-0.0116
638	SLU 27	0.47	1.05	58.09	-1.3837	-0.7239	-0.0133
638	SLU 28	0.47	1.09	58.11	-1.383	-0.7242	-0.0126
638	SLU 29	0.47	1.03	57.62	-1.3681	-0.718	-0.0132
638	SLU 30	0.47	1.07	57.64	-1.3674	-0.7183	-0.0125
638	SLU 31	0.48	1.2	62.65	-1.4608	-0.7805	-0.0124
638	SLU 32	0.49	1.16	63.77	-1.4917	-0.7945	-0.014
638	SLU 33	0.49	1.2	63.79	-1.491	-0.7949	-0.0133
638	SLU 34	0.48	1.21	63.34	-1.4749	-0.7892	-0.0127
638	SLU 35	0.5	1.17	64.46	-1.5059	-0.8032	-0.0144
638	SLU 36	0.49	1.21	64.48	-1.5052	-0.8035	-0.0137
638	SLU 37	0.49	1.15	63.98	-1.4902	-0.7973	-0.0143
638	SLU 38	0.49	1.19	64.01	-1.4896	-0.7976	-0.0136
638	SLU 39	0.49	1.19	65.34	-1.5143	-0.814	-0.0141
638	SLU 40	0.49	1.23	65.36	-1.5136	-0.8143	-0.0133
638	SLU 41	0.5	1.2	66.02	-1.5284	-0.8226	-0.0144
638	SLU 42	0.49	1.24	66.05	-1.5278	-0.8229	-0.0137
638	SLU 43	0.53	1.02	63.44	-1.5793	-0.7894	-0.0151
638	SLU 44	0.53	1.08	63.48	-1.5782	-0.7899	-0.0138
638	SLU 45	0.54	1.04	64.6	-1.6091	-0.8039	-0.0155
638	SLU 46	0.54	1.08	64.62	-1.6084	-0.8042	-0.0148
638	SLU 47	0.54	1.09	64.16	-1.5924	-0.7985	-0.0142
638	SLU 48	0.55	1.05	65.28	-1.6233	-0.8125	-0.0159
638	SLU 49	0.55	1.09	65.31	-1.6226	-0.8128	-0.0151
638	SLU 50	0.55	1.03	64.81	-1.6077	-0.8066	-0.0158
638	SLU 51	0.54	1.07	64.83	-1.607	-0.8069	-0.0151
638	SLU 52	0.55	1.21	69.84	-1.7004	-0.8692	-0.0149
638	SLU 53	0.57	1.17	70.96	-1.7313	-0.8832	-0.0166
638	SLU 54	0.57	1.21	70.99	-1.7306	-0.8835	-0.0159
638	SLU 55	0.56	1.21	70.53	-1.7145	-0.8778	-0.0153
638	SLU 56	0.57	1.18	71.65	-1.7455	-0.8918	-0.017
638	SLU 57	0.57	1.22	71.67	-1.7448	-0.8921	-0.0162
638	SLU 58	0.57	1.16	71.18	-1.7298	-0.8859	-0.0169
638	SLU 59	0.57	1.2	71.2	-1.7292	-0.8862	-0.0161
638	SLU 60	0.57	1.19	72.53	-1.7539	-0.9026	-0.0166
638	SLU 61	0.57	1.23	72.56	-1.7532	-0.9029	-0.0159
638	SLU 62	0.57	1.2	73.22	-1.768	-0.9113	-0.017
638	SLU 63	0.57	1.24	73.24	-1.7674	-0.9116	-0.0162
638	SLU 64	0.57	1.2	69.33	-1.6781	-0.8634	-0.0158
638	SLU 65	0.57	1.26	69.37	-1.677	-0.8639	-0.0146
638	SLU 66	0.58	1.23	70.49	-1.7079	-0.8779	-0.0162
638	SLU 67	0.58	1.26	70.51	-1.7072	-0.8782	-0.0155
638	SLU 68	0.57	1.27	70.05	-1.6912	-0.8725	-0.0149
638	SLU 69	0.59	1.23	71.17	-1.7221	-0.8865	-0.0166
638	SLU 70	0.58	1.27	71.2	-1.7214	-0.8868	-0.0159
638	SLU 71	0.58	1.21	70.7	-1.7065	-0.8806	-0.0165
638	SLU 72	0.58	1.25	70.72	-1.7058	-0.8809	-0.0158
638	SLU 73	0.59	1.39	75.73	-1.7992	-0.9432	-0.0156
638	SLU 74	0.6	1.35	76.85	-1.8301	-0.9572	-0.0173
638	SLU 75	0.6	1.39	76.88	-1.8294	-0.9575	-0.0166
638	SLU 76	0.6	1.4	76.42	-1.8134	-0.9518	-0.016
638	SLU 77	0.61	1.36	77.54	-1.8443	-0.9658	-0.0177
638	SLU 78	0.61	1.4	77.56	-1.8436	-0.9661	-0.0169
638	SLU 79	0.61	1.34	77.07	-1.8286	-0.9599	-0.0176
638	SLU 80	0.6	1.38	77.09	-1.828	-0.9602	-0.0169
638	SLU 81	0.6	1.38	78.42	-1.8527	-0.9767	-0.0173
638	SLU 82	0.6	1.42	78.45	-1.852	-0.977	-0.0166
638	SLU 83	0.61	1.39	79.11	-1.8668	-0.9853	-0.0177
638	SLU 84	0.61	1.42	79.13	-1.8662	-0.9856	-0.017
638	SLE RA 1	0.43	0.88	52.03	-1.2692	-0.6479	-0.012
638	SLE RA 2	0.43	0.92	52.06	-1.2684	-0.6482	-0.0112
638	SLE RA 3	0.44	0.9	52.81	-1.289	-0.6576	-0.0123
638	SLE RA 4	0.44	0.93	52.82	-1.2886	-0.6578	-0.0118
638	SLE RA 5	0.43	0.93	52.52	-1.2779	-0.654	-0.0114
638	SLE RA 6	0.44	0.91	53.27	-1.2985	-0.6633	-0.0125
638	SLE RA 7	0.44	0.93	53.28	-1.298	-0.6635	-0.012
638	SLE RA 8	0.44	0.89	52.95	-1.2881	-0.6594	-0.0125
638	SLE RA 9	0.44	0.92	52.97	-1.2876	-0.6596	-0.012
638	SLE RA 10	0.44	1.01	56.3	-1.3499	-0.7011	-0.0119
638	SLE RA 11	0.45	0.98	57.05	-1.3705	-0.7104	-0.013
638	SLE RA 12	0.45	1.01	57.07	-1.37	-0.7106	-0.0125
638	SLE RA 13	0.45	1.01	56.76	-1.3593	-0.7068	-0.0121
638	SLE RA 14	0.46	0.99	57.51	-1.3799	-0.7162	-0.0132
638	SLE RA 15	0.46	1.01	57.53	-1.3795	-0.7164	-0.0128
638	SLE RA 16	0.45	0.98	57.19	-1.3695	-0.7122	-0.0132
638	SLE RA 17	0.45	1	57.21	-1.369	-0.7124	-0.0127
638	SLE RA 18	0.45	1	58.1	-1.3855	-0.7234	-0.013
638	SLE RA 19	0.45	1.03	58.11	-1.3851	-0.7236	-0.0125
638	SLE RA 20	0.46	1.01	58.56	-1.395	-0.7291	-0.0133
638	SLE RA 21	0.46	1.03	58.57	-1.3945	-0.7293	-0.0128
638	SLE FR 1	0.43	0.88	52.03	-1.2692	-0.6479	-0.012
638	SLE FR 2	0.43	0.89	52.04	-1.269	-0.648	-0.0118
638	SLE FR 3	0.43	0.88	52.22	-1.2729	-0.6502	-0.0121
638	SLE FR 4	0.44	0.93	53.86	-1.3039	-0.6706	-0.0121



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
638	SLE FR 5	0.44	0.92	54.04	-1.3079	-0.6728	-0.0124
638	SLE FR 6	0.44	0.94	55.07	-1.3273	-0.6856	-0.0125
638	SLE QP 1	0.43	0.88	52.03	-1.2692	-0.6479	-0.012
638	SLE QP 2	0.44	0.92	53.85	-1.3041	-0.6705	-0.0123
638	SLD 1	4.55	1.61	51.75	-1.3724	-0.6274	0.0081
638	SLD 2	4.56	1.8	51.73	-1.3583	-0.6272	0.0134
638	SLD 3	4.58	0.22	52.19	-1.4845	-0.6331	-0.0075
638	SLD 4	4.59	0.41	52.17	-1.4704	-0.6328	-0.0021
638	SLD 5	1.62	3.19	52.55	-1.1571	-0.6491	0.0164
638	SLD 6	1.63	3.32	52.54	-1.1479	-0.6489	0.0199
638	SLD 7	1.73	-1.43	54.03	-1.5307	-0.6679	-0.0354
638	SLD 8	1.74	-1.3	54.02	-1.5214	-0.6677	-0.0318
638	SLD 9	-0.86	3.14	53.69	-1.0867	-0.6734	0.0072
638	SLD 10	-0.85	3.26	53.68	-1.0775	-0.6732	0.0108
638	SLD 11	-0.75	-1.48	55.17	-1.4603	-0.6921	-0.0445
638	SLD 12	-0.75	-1.36	55.15	-1.451	-0.692	-0.041
638	SLD 13	-3.72	1.42	55.53	-1.1377	-0.7083	-0.0225
638	SLD 14	-3.71	1.62	55.51	-1.1237	-0.708	-0.0171
638	SLD 15	-3.68	0.04	55.98	-1.2498	-0.7139	-0.038
638	SLD 16	-3.68	0.23	55.96	-1.2357	-0.7136	-0.0327
638	SLV 1	10.06	2.48	48.94	-1.4699	-0.5697	0.0348
638	SLV 2	10.08	2.93	48.89	-1.4371	-0.5691	0.0474
638	SLV 3	10.14	-0.66	49.96	-1.7237	-0.5827	-0.0004
638	SLV 4	10.16	-0.21	49.91	-1.691	-0.5821	0.0121
638	SLV 5	3.21	6.08	50.84	-0.9745	-0.6207	0.0531
638	SLV 6	3.22	6.36	50.81	-0.9533	-0.6203	0.0612
638	SLV 7	3.46	-4.4	54.24	-1.8207	-0.664	-0.0643
638	SLV 8	3.47	-4.11	54.21	-1.7995	-0.6636	-0.0562
638	SLV 9	-2.6	5.95	53.5	-0.8087	-0.6775	0.0316
638	SLV 10	-2.58	6.23	53.47	-0.7875	-0.6771	0.0397
638	SLV 11	-2.35	-4.53	56.89	-1.6549	-0.7208	-0.0858
638	SLV 12	-2.33	-4.24	56.86	-1.6337	-0.7204	-0.0777
638	SLV 13	-9.28	2.05	57.79	-0.9172	-0.759	-0.0367
638	SLV 14	-9.26	2.49	57.75	-0.8844	-0.7583	-0.0242
638	SLV 15	-9.21	-1.09	58.81	-1.171	-0.772	-0.072
638	SLV 16	-9.19	-0.65	58.77	-1.1383	-0.7713	-0.0594
638	CRTFP Ux+	0	0	0	0	0	0
638	CRTFP Ux-	0	0	0	0	0	0
638	CRTFP Uy+	0	0	0	0	0	0
638	CRTFP Uy-	0	0	0	0	0	0
639	SLU 1	0.49	0.74	54.12	-1.3309	0.0012	-0.0341
639	SLU 2	0.49	0.82	54.16	-1.3298	0.0012	-0.0335
639	SLU 3	0.5	0.77	55.37	-1.3629	0.0011	-0.0352
639	SLU 4	0.5	0.81	55.4	-1.3622	0.0011	-0.0348
639	SLU 5	0.49	0.82	54.91	-1.345	0.0011	-0.0341
639	SLU 6	0.51	0.77	56.11	-1.3782	0.001	-0.0358
639	SLU 7	0.51	0.82	56.14	-1.3775	0.001	-0.0354
639	SLU 8	0.5	0.76	55.61	-1.3615	0.0009	-0.0353
639	SLU 9	0.5	0.8	55.63	-1.3608	0.0009	-0.035
639	SLU 10	0.51	0.93	61.01	-1.4609	0.0014	-0.0369
639	SLU 11	0.53	0.89	62.22	-1.494	0.0013	-0.0386
639	SLU 12	0.53	0.93	62.24	-1.4933	0.0013	-0.0382
639	SLU 13	0.52	0.94	61.75	-1.4762	0.0013	-0.0375
639	SLU 14	0.53	0.89	62.96	-1.5093	0.0012	-0.0392
639	SLU 15	0.53	0.94	62.98	-1.5086	0.0012	-0.0388
639	SLU 16	0.53	0.87	62.45	-1.4927	0.0011	-0.0387
639	SLU 17	0.53	0.92	62.48	-1.492	0.0012	-0.0384
639	SLU 18	0.53	0.91	63.9	-1.5183	0.0015	-0.039
639	SLU 19	0.53	0.96	63.92	-1.5176	0.0015	-0.0386
639	SLU 20	0.53	0.92	64.64	-1.5336	0.0014	-0.0396
639	SLU 21	0.53	0.96	64.67	-1.5329	0.0014	-0.0392
639	SLU 22	0.53	0.92	60.48	-1.4374	0.0007	-0.0381
639	SLU 23	0.53	0.99	60.52	-1.4363	0.0007	-0.0375
639	SLU 24	0.54	0.95	61.73	-1.4694	0.0006	-0.0392
639	SLU 25	0.54	0.99	61.76	-1.4687	0.0006	-0.0388
639	SLU 26	0.54	1	61.26	-1.4516	0.0005	-0.0382
639	SLU 27	0.55	0.95	62.47	-1.4847	0.0004	-0.0398
639	SLU 28	0.55	1	62.5	-1.484	0.0004	-0.0395
639	SLU 29	0.55	0.93	61.96	-1.468	0.0004	-0.0394
639	SLU 30	0.54	0.98	61.99	-1.4673	0.0004	-0.039
639	SLU 31	0.56	1.11	67.37	-1.5674	0.0009	-0.041
639	SLU 32	0.57	1.06	68.57	-1.6006	0.0008	-0.0426
639	SLU 33	0.57	1.11	68.6	-1.5999	0.0008	-0.0423
639	SLU 34	0.56	1.12	68.11	-1.5827	0.0008	-0.0416
639	SLU 35	0.58	1.07	69.32	-1.6159	0.0006	-0.0433
639	SLU 36	0.58	1.11	69.34	-1.6152	0.0006	-0.0429
639	SLU 37	0.57	1.05	68.81	-1.5992	0.0006	-0.0428
639	SLU 38	0.57	1.1	68.83	-1.5985	0.0006	-0.0424
639	SLU 39	0.57	1.09	70.26	-1.6248	0.001	-0.043
639	SLU 40	0.57	1.13	70.28	-1.6241	0.001	-0.0427
639	SLU 41	0.58	1.1	71	-1.6401	0.0009	-0.0436
639	SLU 42	0.57	1.14	71.02	-1.6394	0.0009	-0.0433
639	SLU 43	0.62	0.91	68.18	-1.6937	0.0017	-0.0429
639	SLU 44	0.62	0.98	68.22	-1.6925	0.0017	-0.0423
639	SLU 45	0.63	0.93	69.43	-1.7257	0.0016	-0.044
639	SLU 46	0.63	0.97	69.45	-1.725	0.0016	-0.0436
639	SLU 47	0.62	0.98	68.96	-1.7078	0.0016	-0.0429
639	SLU 48	0.64	0.94	70.17	-1.741	0.0015	-0.0446
639	SLU 49	0.64	0.98	70.2	-1.7402	0.0015	-0.0442



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
639	SLU 50	0.64	0.92	69.66	-1.7243	0.0015	-0.0442
639	SLU 51	0.63	0.96	69.69	-1.7236	0.0015	-0.0438
639	SLU 52	0.64	1.1	75.06	-1.8237	0.002	-0.0457
639	SLU 53	0.66	1.05	76.27	-1.8568	0.0018	-0.0474
639	SLU 54	0.66	1.09	76.3	-1.8561	0.0019	-0.047
639	SLU 55	0.65	1.1	75.81	-1.839	0.0018	-0.0464
639	SLU 56	0.67	1.06	77.02	-1.8721	0.0017	-0.048
639	SLU 57	0.66	1.1	77.04	-1.8714	0.0017	-0.0477
639	SLU 58	0.66	1.04	76.51	-1.8554	0.0017	-0.0476
639	SLU 59	0.66	1.08	76.53	-1.8547	0.0017	-0.0472
639	SLU 60	0.66	1.08	77.96	-1.881	0.0021	-0.0478
639	SLU 61	0.66	1.12	77.98	-1.8803	0.0021	-0.0474
639	SLU 62	0.67	1.08	78.7	-1.8963	0.0019	-0.0484
639	SLU 63	0.66	1.13	78.72	-1.8956	0.0019	-0.0481
639	SLU 64	0.66	1.08	74.54	-1.8002	0.0012	-0.047
639	SLU 65	0.66	1.16	74.58	-1.799	0.0012	-0.0464
639	SLU 66	0.68	1.11	75.79	-1.8322	0.0011	-0.048
639	SLU 67	0.67	1.15	75.81	-1.8315	0.0011	-0.0477
639	SLU 68	0.67	1.16	75.32	-1.8143	0.0011	-0.047
639	SLU 69	0.68	1.11	76.53	-1.8475	0.001	-0.0487
639	SLU 70	0.68	1.16	76.55	-1.8468	0.001	-0.0483
639	SLU 71	0.68	1.1	76.02	-1.8308	0.0009	-0.0482
639	SLU 72	0.68	1.14	76.05	-1.8301	0.0009	-0.0479
639	SLU 73	0.69	1.27	81.42	-1.9302	0.0014	-0.0498
639	SLU 74	0.7	1.23	82.63	-1.9633	0.0013	-0.0515
639	SLU 75	0.7	1.27	82.66	-1.9626	0.0013	-0.0511
639	SLU 76	0.69	1.28	82.16	-1.9455	0.0013	-0.0504
639	SLU 77	0.71	1.23	83.37	-1.9786	0.0012	-0.0521
639	SLU 78	0.71	1.28	83.4	-1.9779	0.0012	-0.0517
639	SLU 79	0.7	1.21	82.86	-1.9619	0.0012	-0.0516
639	SLU 80	0.7	1.26	82.89	-1.9612	0.0012	-0.0513
639	SLU 81	0.7	1.25	84.31	-1.9876	0.0015	-0.0519
639	SLU 82	0.7	1.3	84.34	-1.9869	0.0015	-0.0515
639	SLU 83	0.71	1.26	85.05	-2.0028	0.0014	-0.0525
639	SLU 84	0.71	1.3	85.08	-2.0021	0.0014	-0.0521
639	SLE RA 1	0.5	0.79	55.94	-1.3614	0.001	-0.0352
639	SLE RA 2	0.5	0.84	55.97	-1.3606	0.001	-0.0348
639	SLE RA 3	0.51	0.81	56.77	-1.3827	0.001	-0.036
639	SLE RA 4	0.51	0.84	56.79	-1.3822	0.001	-0.0357
639	SLE RA 5	0.5	0.85	56.46	-1.3708	0.001	-0.0353
639	SLE RA 6	0.51	0.82	57.27	-1.3929	0.0009	-0.0364
639	SLE RA 7	0.51	0.84	57.28	-1.3924	0.0009	-0.0361
639	SLE RA 8	0.51	0.8	56.93	-1.3817	0.0009	-0.0361
639	SLE RA 9	0.51	0.83	56.94	-1.3813	0.0009	-0.0358
639	SLE RA 10	0.52	0.92	60.53	-1.448	0.0012	-0.0371
639	SLE RA 11	0.53	0.89	61.33	-1.4701	0.0011	-0.0382
639	SLE RA 12	0.53	0.92	61.35	-1.4696	0.0011	-0.038
639	SLE RA 13	0.52	0.93	61.02	-1.4582	0.0011	-0.0375
639	SLE RA 14	0.53	0.89	61.83	-1.4803	0.001	-0.0387
639	SLE RA 15	0.53	0.92	61.85	-1.4798	0.001	-0.0384
639	SLE RA 16	0.53	0.88	61.49	-1.4692	0.001	-0.0384
639	SLE RA 17	0.53	0.91	61.51	-1.4687	0.001	-0.0381
639	SLE RA 18	0.53	0.91	62.46	-1.4863	0.0013	-0.0385
639	SLE RA 19	0.53	0.94	62.47	-1.4858	0.0013	-0.0383
639	SLE RA 20	0.53	0.91	62.95	-1.4965	0.0012	-0.0389
639	SLE RA 21	0.53	0.94	62.97	-1.496	0.0012	-0.0387
639	SLE FR 1	0.5	0.79	55.94	-1.3614	0.001	-0.0352
639	SLE FR 2	0.5	0.8	55.94	-1.3612	0.001	-0.0352
639	SLE FR 3	0.5	0.8	56.14	-1.3654	0.001	-0.0354
639	SLE FR 4	0.51	0.84	57.9	-1.3987	0.0011	-0.0361
639	SLE FR 5	0.51	0.83	58.09	-1.4029	0.0011	-0.0364
639	SLE FR 6	0.51	0.85	59.2	-1.4238	0.0012	-0.0369
639	SLE QP 1	0.5	0.79	55.94	-1.3614	0.001	-0.0352
639	SLE QP 2	0.51	0.83	57.89	-1.3988	0.0011	-0.0362
639	SLD 1	4.93	1.61	54.91	-1.4711	0.0236	-0.023
639	SLD 2	4.94	1.83	54.89	-1.456	0.0236	-0.0197
639	SLD 3	4.96	0.12	55.4	-1.591	0.0231	-0.0219
639	SLD 4	4.97	0.34	55.38	-1.5758	0.0232	-0.0186
639	SLD 5	1.78	3.27	56.26	-1.2415	0.0086	-0.0345
639	SLD 6	1.79	3.42	56.25	-1.2315	0.0086	-0.0324
639	SLD 7	1.9	-1.67	57.89	-1.6409	0.0069	-0.0308
639	SLD 8	1.9	-1.53	57.87	-1.631	0.007	-0.0286
639	SLD 9	-0.88	3.18	57.91	-1.1667	-0.0048	-0.0438
639	SLD 10	-0.88	3.33	57.9	-1.1567	-0.0047	-0.0416
639	SLD 11	-0.77	-1.76	59.54	-1.5662	-0.0064	-0.0401
639	SLD 12	-0.76	-1.61	59.52	-1.5562	-0.0064	-0.0379
639	SLD 13	-3.95	1.31	60.41	-1.2218	-0.0209	-0.0539
639	SLD 14	-3.94	1.54	60.39	-1.2067	-0.0209	-0.0506
639	SLD 15	-3.92	-0.17	60.9	-1.3417	-0.0214	-0.0527
639	SLD 16	-3.91	0.05	60.87	-1.3265	-0.0214	-0.0494
639	SLV 1	10.85	2.59	50.93	-1.5742	0.0537	-0.0052
639	SLV 2	10.87	3.11	50.87	-1.5391	0.0539	0.0025
639	SLV 3	10.93	-0.77	52.05	-1.8457	0.0526	-0.0026
639	SLV 4	10.95	-0.25	51.99	-1.8105	0.0527	0.0051
639	SLV 5	3.48	6.37	54.12	-1.0459	0.0186	-0.0322
639	SLV 6	3.5	6.7	54.08	-1.0231	0.0187	-0.0272
639	SLV 7	3.75	-4.84	57.85	-1.9507	0.0148	-0.0235
639	SLV 8	3.77	-4.5	57.81	-1.9279	0.0149	-0.0186
639	SLV 9	-2.75	6.16	57.97	-0.8697	-0.0127	-0.0539



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
639	SLV 10	-2.73	6.49	57.94	-0.847	-0.0126	-0.0489
639	SLV 11	-2.48	-5.04	61.71	-1.7746	-0.0165	-0.0453
639	SLV 12	-2.47	-4.71	61.67	-1.7518	-0.0164	-0.0403
639	SLV 13	-9.93	1.91	63.79	-0.9871	-0.0505	-0.0776
639	SLV 14	-9.91	2.42	63.74	-0.952	-0.0503	-0.0699
639	SLV 15	-9.85	-1.45	64.91	-1.2586	-0.0517	-0.075
639	SLV 16	-9.83	-0.94	64.86	-1.2234	-0.0515	-0.0673
639	CRTFP Ux+	0	0	0	0	0	0
639	CRTFP Ux-	0	0	0	0	0	0
639	CRTFP Uy+	0	0	0	0	0	0
639	CRTFP Uy-	0	0	0	0	0	0
640	SLU 1	0.53	0.55	54.01	-1.3337	0.0056	-0.0398
640	SLU 2	0.53	0.63	54.05	-1.3326	0.0056	-0.0391
640	SLU 3	0.54	0.57	55.26	-1.3658	0.0056	-0.041
640	SLU 4	0.54	0.62	55.28	-1.3651	0.0056	-0.0406
640	SLU 5	0.53	0.63	54.79	-1.348	0.0055	-0.0398
640	SLU 6	0.55	0.57	56.01	-1.3812	0.0055	-0.0417
640	SLU 7	0.55	0.62	56.03	-1.3806	0.0055	-0.0413
640	SLU 8	0.54	0.56	55.5	-1.3646	0.0054	-0.0412
640	SLU 9	0.54	0.6	55.52	-1.3639	0.0054	-0.0408
640	SLU 10	0.55	0.73	60.87	-1.4641	0.0067	-0.0428
640	SLU 11	0.57	0.67	62.08	-1.4974	0.0067	-0.0446
640	SLU 12	0.57	0.72	62.11	-1.4967	0.0067	-0.0442
640	SLU 13	0.56	0.73	61.62	-1.4796	0.0066	-0.0434
640	SLU 14	0.58	0.68	62.83	-1.5128	0.0066	-0.0453
640	SLU 15	0.58	0.72	62.85	-1.5121	0.0066	-0.0449
640	SLU 16	0.57	0.66	62.32	-1.4961	0.0065	-0.0448
640	SLU 17	0.57	0.7	62.35	-1.4955	0.0065	-0.0444
640	SLU 18	0.57	0.7	63.75	-1.5216	0.0071	-0.045
640	SLU 19	0.57	0.74	63.78	-1.521	0.0072	-0.0446
640	SLU 20	0.58	0.7	64.5	-1.5371	0.007	-0.0457
640	SLU 21	0.58	0.74	64.52	-1.5364	0.0071	-0.0453
640	SLU 22	0.58	0.71	60.37	-1.441	0.0058	-0.0443
640	SLU 23	0.57	0.78	60.41	-1.4399	0.0058	-0.0436
640	SLU 24	0.59	0.73	61.62	-1.4731	0.0058	-0.0454
640	SLU 25	0.59	0.77	61.65	-1.4724	0.0058	-0.045
640	SLU 26	0.58	0.79	61.16	-1.4553	0.0057	-0.0442
640	SLU 27	0.6	0.73	62.37	-1.4885	0.0057	-0.0461
640	SLU 28	0.59	0.78	62.39	-1.4879	0.0057	-0.0457
640	SLU 29	0.59	0.71	61.86	-1.4719	0.0056	-0.0456
640	SLU 30	0.59	0.76	61.89	-1.4712	0.0056	-0.0452
640	SLU 31	0.6	0.88	67.23	-1.5715	0.0069	-0.0472
640	SLU 32	0.62	0.83	68.44	-1.6047	0.0068	-0.0491
640	SLU 33	0.61	0.87	68.47	-1.604	0.0069	-0.0487
640	SLU 34	0.61	0.89	67.98	-1.5869	0.0068	-0.0479
640	SLU 35	0.62	0.83	69.19	-1.6201	0.0067	-0.0498
640	SLU 36	0.62	0.88	69.22	-1.6194	0.0068	-0.0493
640	SLU 37	0.62	0.82	68.68	-1.6034	0.0067	-0.0493
640	SLU 38	0.62	0.86	68.71	-1.6028	0.0067	-0.0488
640	SLU 39	0.62	0.85	70.11	-1.629	0.0073	-0.0494
640	SLU 40	0.61	0.9	70.14	-1.6283	0.0073	-0.049
640	SLU 41	0.62	0.86	70.86	-1.6444	0.0072	-0.0501
640	SLU 42	0.62	0.9	70.89	-1.6437	0.0072	-0.0497
640	SLU 43	0.67	0.67	68.03	-1.697	0.0072	-0.0502
640	SLU 44	0.67	0.74	68.07	-1.6959	0.0072	-0.0495
640	SLU 45	0.68	0.68	69.28	-1.7291	0.0072	-0.0514
640	SLU 46	0.68	0.73	69.3	-1.7284	0.0072	-0.051
640	SLU 47	0.68	0.74	68.81	-1.7113	0.0071	-0.0502
640	SLU 48	0.69	0.69	70.03	-1.7445	0.0071	-0.0521
640	SLU 49	0.69	0.73	70.05	-1.7439	0.0071	-0.0517
640	SLU 50	0.69	0.67	69.52	-1.7279	0.007	-0.0516
640	SLU 51	0.68	0.72	69.54	-1.7272	0.007	-0.0512
640	SLU 52	0.7	0.84	74.89	-1.8275	0.0083	-0.0532
640	SLU 53	0.71	0.79	76.1	-1.8607	0.0083	-0.0551
640	SLU 54	0.71	0.83	76.13	-1.86	0.0083	-0.0546
640	SLU 55	0.7	0.84	75.64	-1.8429	0.0082	-0.0539
640	SLU 56	0.72	0.79	76.85	-1.8761	0.0082	-0.0557
640	SLU 57	0.72	0.83	76.87	-1.8754	0.0082	-0.0553
640	SLU 58	0.72	0.77	76.34	-1.8594	0.0081	-0.0552
640	SLU 59	0.71	0.82	76.37	-1.8588	0.0081	-0.0548
640	SLU 60	0.71	0.81	77.77	-1.885	0.0088	-0.0554
640	SLU 61	0.71	0.85	77.8	-1.8843	0.0088	-0.055
640	SLU 62	0.72	0.81	78.52	-1.9004	0.0087	-0.0561
640	SLU 63	0.72	0.86	78.54	-1.8997	0.0087	-0.0557
640	SLU 64	0.72	0.82	74.39	-1.8044	0.0074	-0.0547
640	SLU 65	0.71	0.9	74.43	-1.8032	0.0074	-0.054
640	SLU 66	0.73	0.84	75.64	-1.8364	0.0074	-0.0559
640	SLU 67	0.73	0.89	75.67	-1.8358	0.0074	-0.0554
640	SLU 68	0.72	0.9	75.18	-1.8187	0.0073	-0.0547
640	SLU 69	0.74	0.84	76.39	-1.8519	0.0073	-0.0565
640	SLU 70	0.74	0.89	76.41	-1.8512	0.0073	-0.0561
640	SLU 71	0.73	0.83	75.88	-1.8352	0.0072	-0.056
640	SLU 72	0.73	0.87	75.91	-1.8345	0.0072	-0.0556
640	SLU 73	0.74	1	81.25	-1.9348	0.0085	-0.0576
640	SLU 74	0.76	0.94	82.46	-1.968	0.0085	-0.0595
640	SLU 75	0.76	0.99	82.49	-1.9673	0.0085	-0.0591
640	SLU 76	0.75	1	82	-1.9502	0.0084	-0.0583
640	SLU 77	0.77	0.94	83.21	-1.9834	0.0084	-0.0602
640	SLU 78	0.77	0.99	83.24	-1.9827	0.0084	-0.0598



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
640	SLU 79	0.76	0.93	82.7	-1.9668	0.0083	-0.0597
640	SLU 80	0.76	0.97	82.73	-1.9661	0.0083	-0.0593
640	SLU 81	0.76	0.97	84.13	-1.9923	0.0089	-0.0599
640	SLU 82	0.76	1.01	84.16	-1.9916	0.009	-0.0595
640	SLU 83	0.77	0.97	84.88	-2.0077	0.0088	-0.0606
640	SLU 84	0.76	1.01	84.91	-2.007	0.0089	-0.0601
640	SLE RA 1	0.54	0.6	55.82	-1.3644	0.0056	-0.0411
640	SLE RA 2	0.54	0.65	55.85	-1.3636	0.0057	-0.0406
640	SLE RA 3	0.55	0.61	56.66	-1.3858	0.0056	-0.0419
640	SLE RA 4	0.55	0.64	56.68	-1.3853	0.0056	-0.0416
640	SLE RA 5	0.54	0.65	56.35	-1.3739	0.0056	-0.0411
640	SLE RA 6	0.56	0.61	57.16	-1.3961	0.0056	-0.0423
640	SLE RA 7	0.55	0.64	57.17	-1.3956	0.0056	-0.0421
640	SLE RA 8	0.55	0.6	56.82	-1.385	0.0055	-0.042
640	SLE RA 9	0.55	0.63	56.84	-1.3845	0.0055	-0.0417
640	SLE RA 10	0.56	0.71	60.4	-1.4513	0.0064	-0.043
640	SLE RA 11	0.57	0.68	61.21	-1.4735	0.0064	-0.0443
640	SLE RA 12	0.57	0.71	61.22	-1.473	0.0064	-0.044
640	SLE RA 13	0.56	0.72	60.9	-1.4616	0.0063	-0.0435
640	SLE RA 14	0.58	0.68	61.7	-1.4838	0.0063	-0.0448
640	SLE RA 15	0.57	0.71	61.72	-1.4833	0.0063	-0.0445
640	SLE RA 16	0.57	0.67	61.37	-1.4727	0.0062	-0.0444
640	SLE RA 17	0.57	0.7	61.38	-1.4722	0.0062	-0.0441
640	SLE RA 18	0.57	0.69	62.32	-1.4897	0.0067	-0.0445
640	SLE RA 19	0.57	0.72	62.34	-1.4892	0.0067	-0.0443
640	SLE RA 20	0.57	0.7	62.82	-1.5	0.0066	-0.045
640	SLE RA 21	0.57	0.73	62.84	-1.4995	0.0066	-0.0447
640	SLE FR 1	0.54	0.6	55.82	-1.3644	0.0056	-0.0411
640	SLE FR 2	0.54	0.61	55.83	-1.3642	0.0056	-0.041
640	SLE FR 3	0.54	0.6	56.02	-1.3685	0.0056	-0.0413
640	SLE FR 4	0.55	0.64	57.78	-1.4018	0.006	-0.042
640	SLE FR 5	0.55	0.63	57.97	-1.4061	0.0059	-0.0423
640	SLE FR 6	0.56	0.65	59.07	-1.427	0.0062	-0.0428
640	SLE QP 1	0.54	0.6	55.82	-1.3644	0.0056	-0.0411
640	SLE QP 2	0.55	0.63	57.77	-1.402	0.006	-0.0421
640	SLD 1	4.97	1.46	54.07	-1.4733	0.0258	-0.0301
640	SLD 2	4.98	1.69	54.04	-1.4581	0.0259	-0.0267
640	SLD 3	5	-0.02	54.57	-1.593	0.0249	-0.0294
640	SLD 4	5.01	0.21	54.55	-1.5779	0.025	-0.0259
640	SLD 5	1.82	3.08	55.9	-1.2444	0.0132	-0.0403
640	SLD 6	1.83	3.24	55.89	-1.2344	0.0133	-0.038
640	SLD 7	1.94	-1.86	57.58	-1.6437	0.0103	-0.0378
640	SLD 8	1.94	-1.7	57.56	-1.6337	0.0104	-0.0355
640	SLD 9	-0.84	2.95	57.98	-1.1703	0.0015	-0.0488
640	SLD 10	-0.84	3.11	57.97	-1.1603	0.0016	-0.0465
640	SLD 11	-0.73	-1.98	59.66	-1.5695	-0.0014	-0.0462
640	SLD 12	-0.72	-1.83	59.64	-1.5595	-0.0013	-0.044
640	SLD 13	-3.91	1.04	61	-1.2261	-0.0131	-0.0583
640	SLD 14	-3.9	1.28	60.97	-1.2109	-0.013	-0.0549
640	SLD 15	-3.88	-0.44	61.5	-1.3458	-0.014	-0.0576
640	SLD 16	-3.87	-0.2	61.48	-1.3307	-0.0139	-0.0541
640	SLV 1	10.88	2.52	49.12	-1.575	0.0523	-0.0139
640	SLV 2	10.9	3.07	49.06	-1.5397	0.0526	-0.0059
640	SLV 3	10.96	-0.84	50.27	-1.8463	0.0504	-0.0121
640	SLV 4	10.98	-0.29	50.21	-1.811	0.0507	-0.0041
640	SLV 5	3.52	6.19	53.43	-1.0485	0.0228	-0.0378
640	SLV 6	3.54	6.55	53.39	-1.0257	0.023	-0.0326
640	SLV 7	3.79	-5	57.29	-1.9529	0.0163	-0.0318
640	SLV 8	3.81	-4.64	57.25	-1.93	0.0165	-0.0266
640	SLV 9	-2.7	5.9	58.3	-0.8739	-0.0045	-0.0577
640	SLV 10	-2.69	6.25	58.26	-0.8511	-0.0043	-0.0524
640	SLV 11	-2.44	-5.29	62.15	-1.7782	-0.0111	-0.0517
640	SLV 12	-2.42	-4.94	62.11	-1.7554	-0.0109	-0.0465
640	SLV 13	-9.88	1.54	65.33	-0.9929	-0.0388	-0.0802
640	SLV 14	-9.86	2.09	65.27	-0.9576	-0.0385	-0.0721
640	SLV 15	-9.8	-1.82	66.49	-1.2642	-0.0407	-0.0784
640	SLV 16	-9.78	-1.26	66.43	-1.2289	-0.0404	-0.0703
640	CRTFP Ux+	0	0	0	0	0	0
640	CRTFP Ux-	0	0	0	0	0	0
640	CRTFP Uy+	0	0	0	0	0	0
640	CRTFP Uy-	0	0	0	0	0	0
641	SLU 1	0.57	0.35	53.75	-1.3381	0.0091	-0.041
641	SLU 2	0.57	0.42	53.79	-1.337	0.0091	-0.0403
641	SLU 3	0.59	0.36	55	-1.3703	0.0092	-0.0422
641	SLU 4	0.58	0.41	55.03	-1.3697	0.0092	-0.0418
641	SLU 5	0.58	0.42	54.54	-1.3526	0.0091	-0.041
641	SLU 6	0.59	0.36	55.75	-1.3859	0.0091	-0.0429
641	SLU 7	0.59	0.4	55.78	-1.3853	0.0091	-0.0424
641	SLU 8	0.59	0.34	55.25	-1.3693	0.009	-0.0424
641	SLU 9	0.59	0.39	55.27	-1.3686	0.009	-0.0419
641	SLU 10	0.6	0.51	60.56	-1.4691	0.011	-0.0438
641	SLU 11	0.62	0.44	61.77	-1.5025	0.0111	-0.0457
641	SLU 12	0.61	0.49	61.8	-1.5018	0.0111	-0.0453
641	SLU 13	0.61	0.51	61.31	-1.4847	0.011	-0.0445
641	SLU 14	0.63	0.44	62.52	-1.518	0.011	-0.0464
641	SLU 15	0.62	0.49	62.55	-1.5174	0.011	-0.046
641	SLU 16	0.62	0.43	62.02	-1.5014	0.0109	-0.0459
641	SLU 17	0.62	0.47	62.05	-1.5008	0.0109	-0.0454
641	SLU 18	0.62	0.46	63.42	-1.5269	0.0118	-0.046



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
641	SLU 19	0.61	0.51	63.45	-1.5262	0.0118	-0.0456
641	SLU 20	0.62	0.46	64.17	-1.5424	0.0117	-0.0467
641	SLU 21	0.62	0.51	64.2	-1.5418	0.0118	-0.0463
641	SLU 22	0.62	0.48	60.1	-1.4464	0.0098	-0.0454
641	SLU 23	0.62	0.56	60.14	-1.4453	0.0098	-0.0447
641	SLU 24	0.64	0.49	61.35	-1.4786	0.0099	-0.0466
641	SLU 25	0.63	0.54	61.38	-1.4779	0.0099	-0.0462
641	SLU 26	0.63	0.56	60.89	-1.4609	0.0098	-0.0454
641	SLU 27	0.64	0.49	62.1	-1.4942	0.0098	-0.0473
641	SLU 28	0.64	0.54	62.13	-1.4935	0.0098	-0.0468
641	SLU 29	0.64	0.48	61.6	-1.4775	0.0097	-0.0468
641	SLU 30	0.64	0.52	61.62	-1.4769	0.0097	-0.0463
641	SLU 31	0.65	0.64	66.91	-1.5774	0.0117	-0.0482
641	SLU 32	0.67	0.57	68.12	-1.6107	0.0118	-0.0501
641	SLU 33	0.66	0.62	68.15	-1.6101	0.0118	-0.0497
641	SLU 34	0.66	0.64	67.66	-1.593	0.0117	-0.0489
641	SLU 35	0.68	0.57	68.87	-1.6263	0.0117	-0.0508
641	SLU 36	0.67	0.62	68.9	-1.6257	0.0117	-0.0503
641	SLU 37	0.67	0.56	68.37	-1.6097	0.0116	-0.0503
641	SLU 38	0.67	0.61	68.39	-1.609	0.0116	-0.0498
641	SLU 39	0.67	0.6	69.77	-1.6351	0.0125	-0.0504
641	SLU 40	0.66	0.64	69.8	-1.6345	0.0125	-0.05
641	SLU 41	0.67	0.6	70.52	-1.6507	0.0125	-0.0511
641	SLU 42	0.67	0.64	70.55	-1.6501	0.0125	-0.0507
641	SLU 43	0.73	0.4	67.7	-1.7024	0.0116	-0.0518
641	SLU 44	0.72	0.48	67.74	-1.7013	0.0116	-0.0511
641	SLU 45	0.74	0.42	68.95	-1.7346	0.0116	-0.053
641	SLU 46	0.74	0.46	68.98	-1.734	0.0117	-0.0526
641	SLU 47	0.73	0.48	68.49	-1.7169	0.0115	-0.0518
641	SLU 48	0.75	0.42	69.7	-1.7502	0.0116	-0.0537
641	SLU 49	0.75	0.46	69.73	-1.7496	0.0116	-0.0532
641	SLU 50	0.74	0.4	69.2	-1.7336	0.0114	-0.0532
641	SLU 51	0.74	0.45	69.22	-1.7329	0.0115	-0.0527
641	SLU 52	0.75	0.56	74.51	-1.8334	0.0135	-0.0546
641	SLU 53	0.77	0.5	75.72	-1.8668	0.0135	-0.0565
641	SLU 54	0.77	0.55	75.75	-1.8661	0.0136	-0.0561
641	SLU 55	0.76	0.56	75.26	-1.849	0.0134	-0.0553
641	SLU 56	0.78	0.5	76.47	-1.8824	0.0135	-0.0572
641	SLU 57	0.78	0.55	76.5	-1.8817	0.0135	-0.0568
641	SLU 58	0.77	0.48	75.97	-1.8657	0.0134	-0.0567
641	SLU 59	0.77	0.53	75.99	-1.8651	0.0134	-0.0562
641	SLU 60	0.77	0.52	77.37	-1.8912	0.0143	-0.0568
641	SLU 61	0.77	0.57	77.4	-1.8905	0.0143	-0.0564
641	SLU 62	0.78	0.52	78.12	-1.9067	0.0142	-0.0575
641	SLU 63	0.78	0.57	78.15	-1.9061	0.0142	-0.0571
641	SLU 64	0.78	0.54	74.05	-1.8107	0.0123	-0.0562
641	SLU 65	0.77	0.62	74.09	-1.8096	0.0123	-0.0555
641	SLU 66	0.79	0.55	75.3	-1.8429	0.0124	-0.0574
641	SLU 67	0.79	0.6	75.33	-1.8423	0.0124	-0.057
641	SLU 68	0.78	0.61	74.84	-1.8252	0.0123	-0.0562
641	SLU 69	0.8	0.55	76.05	-1.8585	0.0123	-0.0581
641	SLU 70	0.8	0.6	76.07	-1.8578	0.0123	-0.0576
641	SLU 71	0.79	0.54	75.55	-1.8418	0.0122	-0.0576
641	SLU 72	0.79	0.58	75.57	-1.8412	0.0122	-0.0571
641	SLU 73	0.8	0.7	80.86	-1.9417	0.0142	-0.059
641	SLU 74	0.82	0.63	82.07	-1.975	0.0143	-0.0609
641	SLU 75	0.82	0.68	82.1	-1.9744	0.0143	-0.0605
641	SLU 76	0.81	0.7	81.61	-1.9573	0.0142	-0.0597
641	SLU 77	0.83	0.63	82.82	-1.9906	0.0142	-0.0616
641	SLU 78	0.83	0.68	82.85	-1.99	0.0142	-0.0612
641	SLU 79	0.82	0.62	82.32	-1.974	0.0141	-0.0611
641	SLU 80	0.82	0.66	82.34	-1.9733	0.0141	-0.0606
641	SLU 81	0.82	0.65	83.72	-1.9994	0.015	-0.0612
641	SLU 82	0.82	0.7	83.75	-1.9988	0.015	-0.0608
641	SLU 83	0.83	0.65	84.47	-2.015	0.0149	-0.0619
641	SLU 84	0.83	0.7	84.49	-2.0144	0.015	-0.0615
641	SLE RA 1	0.59	0.38	55.57	-1.369	0.0093	-0.0423
641	SLE RA 2	0.58	0.44	55.59	-1.3683	0.0093	-0.0418
641	SLE RA 3	0.6	0.39	56.4	-1.3905	0.0093	-0.0431
641	SLE RA 4	0.59	0.42	56.42	-1.3901	0.0094	-0.0428
641	SLE RA 5	0.59	0.44	56.09	-1.3787	0.0093	-0.0422
641	SLE RA 6	0.6	0.39	56.9	-1.4009	0.0093	-0.0435
641	SLE RA 7	0.6	0.42	56.92	-1.4005	0.0093	-0.0432
641	SLE RA 8	0.6	0.38	56.56	-1.3898	0.0092	-0.0432
641	SLE RA 9	0.6	0.41	56.58	-1.3894	0.0092	-0.0429
641	SLE RA 10	0.6	0.49	60.11	-1.4564	0.0106	-0.0441
641	SLE RA 11	0.62	0.45	60.91	-1.4786	0.0106	-0.0454
641	SLE RA 12	0.61	0.48	60.93	-1.4782	0.0106	-0.0451
641	SLE RA 13	0.61	0.49	60.61	-1.4668	0.0105	-0.0446
641	SLE RA 14	0.62	0.45	61.41	-1.489	0.0106	-0.0459
641	SLE RA 15	0.62	0.48	61.43	-1.4886	0.0106	-0.0456
641	SLE RA 16	0.62	0.44	61.08	-1.4779	0.0105	-0.0455
641	SLE RA 17	0.62	0.47	61.09	-1.4775	0.0105	-0.0452
641	SLE RA 18	0.62	0.46	62.01	-1.4949	0.0111	-0.0456
641	SLE RA 19	0.61	0.49	62.03	-1.4944	0.0111	-0.0453
641	SLE RA 20	0.62	0.46	62.51	-1.5053	0.0111	-0.0461
641	SLE RA 21	0.62	0.49	62.53	-1.5048	0.0111	-0.0458
641	SLE FR 1	0.59	0.38	55.57	-1.369	0.0093	-0.0423
641	SLE FR 2	0.59	0.39	55.57	-1.3689	0.0093	-0.0422



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
641	SLE FR 3	0.59	0.38	55.77	-1.3732	0.0093	-0.0425
641	SLE FR 4	0.59	0.42	57.51	-1.4066	0.0098	-0.0432
641	SLE FR 5	0.6	0.41	57.7	-1.4109	0.0098	-0.0435
641	SLE FR 6	0.6	0.42	58.79	-1.4319	0.0102	-0.044
641	SLE QP 1	0.59	0.38	55.57	-1.369	0.0093	-0.0423
641	SLE QP 2	0.59	0.41	57.5	-1.4068	0.0098	-0.0433
641	SLD 1	5	1.29	53.24	-1.4771	0.0231	-0.0324
641	SLD 2	5.01	1.55	53.21	-1.4618	0.0233	-0.0286
641	SLD 3	5.04	-0.19	53.75	-1.597	0.0219	-0.0336
641	SLD 4	5.05	0.06	53.72	-1.5818	0.0221	-0.0298
641	SLD 5	1.86	2.88	55.44	-1.2487	0.0156	-0.0388
641	SLD 6	1.87	3.05	55.42	-1.2387	0.0157	-0.0364
641	SLD 7	1.98	-2.07	57.16	-1.6484	0.0116	-0.0429
641	SLD 8	1.98	-1.9	57.14	-1.6384	0.0118	-0.0404
641	SLD 9	-0.8	2.72	57.86	-1.1751	0.0079	-0.0462
641	SLD 10	-0.79	2.88	57.84	-1.1651	0.008	-0.0437
641	SLD 11	-0.68	-2.23	59.58	-1.5749	0.0039	-0.0502
641	SLD 12	-0.67	-2.06	59.56	-1.5648	0.0041	-0.0478
641	SLD 13	-3.86	0.75	61.28	-1.2318	-0.0025	-0.0568
641	SLD 14	-3.85	1.01	61.25	-1.2166	-0.0023	-0.053
641	SLD 15	-3.83	-0.73	61.79	-1.3517	-0.0037	-0.058
641	SLD 16	-3.82	-0.48	61.76	-1.3365	-0.0034	-0.0542
641	SLV 1	10.91	2.42	47.54	-1.5775	0.0409	-0.0176
641	SLV 2	10.93	3.02	47.47	-1.5421	0.0414	-0.0088
641	SLV 3	10.99	-0.94	48.72	-1.8491	0.0382	-0.0204
641	SLV 4	11.01	-0.35	48.65	-1.8137	0.0387	-0.0116
641	SLV 5	3.57	6.01	52.73	-1.0522	0.0232	-0.0328
641	SLV 6	3.58	6.4	52.68	-1.0293	0.0235	-0.0272
641	SLV 7	3.83	-5.2	56.67	-1.9576	0.0141	-0.0422
641	SLV 8	3.84	-4.82	56.62	-1.9346	0.0144	-0.0365
641	SLV 9	-2.66	5.63	58.38	-0.8789	0.0052	-0.05
641	SLV 10	-2.64	6.02	58.33	-0.856	0.0055	-0.0444
641	SLV 11	-2.39	-5.58	62.32	-1.7843	-0.0039	-0.0594
641	SLV 12	-2.38	-5.2	62.27	-1.7613	-0.0035	-0.0538
641	SLV 13	-9.82	1.16	66.35	-0.9999	-0.019	-0.075
641	SLV 14	-9.8	1.76	66.28	-0.9644	-0.0185	-0.0662
641	SLV 15	-9.75	-2.2	67.53	-1.2715	-0.0217	-0.0778
641	SLV 16	-9.72	-1.61	67.46	-1.236	-0.0212	-0.069
641	CRTFP Ux+	0	0	0	0	0	0
641	CRTFP Ux-	0	0	0	0	0	0
641	CRTFP Uy+	0	0	0	0	0	0
641	CRTFP Uy-	0	0	0	0	0	0
642	SLU 1	1.09	0.13	90.65	-1.6942	-11.3417	-0.068
642	SLU 2	1.08	0.27	90.72	-1.6921	-11.3498	-0.0486
642	SLU 3	1.11	0.14	92.77	-1.736	-11.6077	-0.0693
642	SLU 4	1.11	0.23	92.81	-1.7348	-11.6126	-0.0576
642	SLU 5	1.09	0.27	91.99	-1.7119	-11.5106	-0.051
642	SLU 6	1.13	0.13	94.05	-1.7559	-11.7685	-0.0717
642	SLU 7	1.13	0.22	94.09	-1.7546	-11.7734	-0.0601
642	SLU 8	1.12	0.12	93.21	-1.7339	-11.6632	-0.0729
642	SLU 9	1.11	0.2	93.24	-1.7326	-11.6681	-0.0612
642	SLU 10	1.14	0.38	102.06	-1.8509	-12.7644	-0.0421
642	SLU 11	1.17	0.24	104.12	-1.8948	-13.0223	-0.0628
642	SLU 12	1.17	0.33	104.16	-1.8936	-13.0272	-0.0512
642	SLU 13	1.16	0.37	103.34	-1.8708	-12.9252	-0.0446
642	SLU 14	1.19	0.24	105.39	-1.9147	-13.1831	-0.0652
642	SLU 15	1.19	0.32	105.43	-1.9134	-13.1879	-0.0536
642	SLU 16	1.18	0.22	104.55	-1.8927	-13.0778	-0.0664
642	SLU 17	1.17	0.3	104.59	-1.8914	-13.0827	-0.0548
642	SLU 18	1.17	0.28	106.86	-1.9211	-13.3625	-0.0588
642	SLU 19	1.17	0.37	106.9	-1.9198	-13.3673	-0.0471
642	SLU 20	1.19	0.27	108.13	-1.9409	-13.5232	-0.0612
642	SLU 21	1.18	0.36	108.17	-1.9396	-13.5281	-0.0496
642	SLU 22	1.18	0.31	101.38	-1.8228	-12.6873	-0.0542
642	SLU 23	1.17	0.45	101.45	-1.8208	-12.6955	-0.0347
642	SLU 24	1.21	0.32	103.51	-1.8647	-12.9534	-0.0554
642	SLU 25	1.2	0.41	103.55	-1.8634	-12.9583	-0.0438
642	SLU 26	1.19	0.44	102.73	-1.8406	-12.8563	-0.0372
642	SLU 27	1.23	0.31	104.78	-1.8845	-13.1142	-0.0578
642	SLU 28	1.22	0.4	104.82	-1.8833	-13.119	-0.0462
642	SLU 29	1.21	0.29	103.94	-1.8625	-13.0089	-0.059
642	SLU 30	1.21	0.38	103.98	-1.8613	-13.0138	-0.0473
642	SLU 31	1.23	0.56	112.79	-1.9796	-14.11	-0.0283
642	SLU 32	1.27	0.42	114.85	-2.0235	-14.3679	-0.049
642	SLU 33	1.26	0.51	114.89	-2.0222	-14.3728	-0.0373
642	SLU 34	1.25	0.55	114.07	-1.9994	-14.2708	-0.0307
642	SLU 35	1.29	0.41	116.13	-2.0433	-14.5287	-0.0514
642	SLU 36	1.28	0.5	116.17	-2.0421	-14.5336	-0.0397
642	SLU 37	1.27	0.4	115.28	-2.0213	-14.4234	-0.0525
642	SLU 38	1.27	0.48	115.32	-2.0201	-14.4283	-0.0409
642	SLU 39	1.27	0.46	117.59	-2.0497	-14.7081	-0.0449
642	SLU 40	1.26	0.54	117.63	-2.0485	-14.713	-0.0333
642	SLU 41	1.28	0.45	118.87	-2.0696	-14.8689	-0.0473
642	SLU 42	1.28	0.54	118.91	-2.0683	-14.8738	-0.0357
642	SLU 43	1.38	0.11	114.16	-2.1583	-14.2828	-0.0932
642	SLU 44	1.37	0.25	114.23	-2.1562	-14.291	-0.0738
642	SLU 45	1.41	0.12	116.29	-2.2002	-14.5489	-0.0945
642	SLU 46	1.4	0.2	116.33	-2.1989	-14.5538	-0.0828
642	SLU 47	1.39	0.24	115.51	-2.1761	-14.4518	-0.0762



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
642	SLU 48	1.42	0.11	117.56	-2.22	-14.7097	-0.0969
642	SLU 49	1.42	0.2	117.6	-2.2188	-14.7145	-0.0852
642	SLU 50	1.41	0.09	116.72	-2.198	-14.6044	-0.0981
642	SLU 51	1.41	0.18	116.76	-2.1968	-14.6093	-0.0864
642	SLU 52	1.43	0.36	125.58	-2.3151	-15.7055	-0.0673
642	SLU 53	1.47	0.22	127.63	-2.359	-15.9634	-0.088
642	SLU 54	1.46	0.31	127.67	-2.3577	-15.9683	-0.0763
642	SLU 55	1.45	0.35	126.85	-2.3349	-15.8663	-0.0697
642	SLU 56	1.48	0.21	128.91	-2.3788	-16.1242	-0.0904
642	SLU 57	1.48	0.3	128.95	-2.3776	-16.1291	-0.0788
642	SLU 58	1.47	0.2	128.06	-2.3568	-16.0189	-0.0916
642	SLU 59	1.47	0.28	128.1	-2.3556	-16.0238	-0.0799
642	SLU 60	1.47	0.26	130.37	-2.3852	-16.3036	-0.084
642	SLU 61	1.46	0.34	130.41	-2.3839	-16.3085	-0.0723
642	SLU 62	1.48	0.25	131.65	-2.405	-16.4644	-0.0864
642	SLU 63	1.48	0.33	131.69	-2.4038	-16.4693	-0.0747
642	SLU 64	1.47	0.29	124.9	-2.287	-15.6285	-0.0793
642	SLU 65	1.47	0.43	124.97	-2.2849	-15.6366	-0.0599
642	SLU 66	1.5	0.3	127.02	-2.3288	-15.8945	-0.0806
642	SLU 67	1.5	0.38	127.06	-2.3276	-15.8994	-0.0689
642	SLU 68	1.48	0.42	126.24	-2.3047	-15.7974	-0.0623
642	SLU 69	1.52	0.29	128.3	-2.3487	-16.0553	-0.083
642	SLU 70	1.51	0.38	128.34	-2.3474	-16.0602	-0.0714
642	SLU 71	1.51	0.27	127.45	-2.3267	-15.95	-0.0842
642	SLU 72	1.5	0.36	127.49	-2.3254	-15.9549	-0.0725
642	SLU 73	1.53	0.53	136.31	-2.4437	-17.0512	-0.0534
642	SLU 74	1.56	0.4	138.36	-2.4876	-17.3091	-0.0741
642	SLU 75	1.56	0.49	138.4	-2.4864	-17.3139	-0.0625
642	SLU 76	1.54	0.53	137.59	-2.4636	-17.2119	-0.0559
642	SLU 77	1.58	0.39	139.64	-2.5075	-17.4698	-0.0765
642	SLU 78	1.57	0.48	139.68	-2.5062	-17.4747	-0.0649
642	SLU 79	1.57	0.38	138.8	-2.4855	-17.3646	-0.0777
642	SLU 80	1.56	0.46	138.84	-2.4842	-17.3695	-0.066
642	SLU 81	1.56	0.44	141.1	-2.5139	-17.6493	-0.0701
642	SLU 82	1.56	0.52	141.14	-2.5126	-17.6541	-0.0584
642	SLU 83	1.58	0.43	142.38	-2.5337	-17.81	-0.0725
642	SLU 84	1.57	0.51	142.42	-2.5324	-17.8149	-0.0609
642	SLE RA 1	1.11	0.18	93.72	-1.7309	-11.7262	-0.0641
642	SLE RA 2	1.11	0.28	93.76	-1.7296	-11.7316	-0.0511
642	SLE RA 3	1.13	0.19	95.13	-1.7588	-11.9035	-0.0649
642	SLE RA 4	1.13	0.25	95.16	-1.758	-11.9068	-0.0571
642	SLE RA 5	1.12	0.27	94.61	-1.7428	-11.8388	-0.0527
642	SLE RA 6	1.14	0.18	95.98	-1.7721	-12.0107	-0.0665
642	SLE RA 7	1.14	0.24	96.01	-1.7712	-12.014	-0.0588
642	SLE RA 8	1.14	0.17	95.42	-1.7574	-11.9405	-0.0673
642	SLE RA 9	1.13	0.23	95.45	-1.7566	-11.9438	-0.0595
642	SLE RA 10	1.15	0.35	101.32	-1.8354	-12.6746	-0.0468
642	SLE RA 11	1.17	0.26	102.69	-1.8647	-12.8466	-0.0606
642	SLE RA 12	1.17	0.32	102.72	-1.8639	-12.8498	-0.0528
642	SLE RA 13	1.16	0.34	102.18	-1.8487	-12.7818	-0.0484
642	SLE RA 14	1.18	0.25	103.55	-1.8779	-12.9537	-0.0622
642	SLE RA 15	1.18	0.31	103.57	-1.8771	-12.957	-0.0544
642	SLE RA 16	1.18	0.24	102.98	-1.8633	-12.8836	-0.063
642	SLE RA 17	1.17	0.3	103.01	-1.8624	-12.8868	-0.0552
642	SLE RA 18	1.17	0.28	104.52	-1.8822	-13.0733	-0.0579
642	SLE RA 19	1.17	0.34	104.55	-1.8814	-13.0766	-0.0501
642	SLE RA 20	1.18	0.28	105.37	-1.8954	-13.1805	-0.0595
642	SLE RA 21	1.18	0.33	105.4	-1.8946	-13.1838	-0.0518
642	SLE FR 1	1.11	0.18	93.72	-1.7309	-11.7262	-0.0641
642	SLE FR 2	1.11	0.2	93.73	-1.7307	-11.7272	-0.0615
642	SLE FR 3	1.12	0.18	94.06	-1.7362	-11.769	-0.0647
642	SLE FR 4	1.13	0.23	96.97	-1.776	-12.1314	-0.0596
642	SLE FR 5	1.13	0.21	97.3	-1.7816	-12.1732	-0.0629
642	SLE FR 6	1.14	0.23	99.12	-1.8066	-12.3998	-0.061
642	SLE QP 1	1.11	0.18	93.72	-1.7309	-11.7262	-0.0641
642	SLE QP 2	1.13	0.21	96.96	-1.7763	-12.1303	-0.0622
642	SLD 1	8.61	1.82	89.18	-1.982	-11.1418	0.1083
642	SLD 2	8.63	2.3	89.11	-1.9591	-11.1319	0.178
642	SLD 3	8.67	-0.73	90.06	-2.1608	-11.2483	-0.2154
642	SLD 4	8.69	-0.25	89.98	-2.1379	-11.2384	-0.1458
642	SLD 5	3.28	4.47	93.32	-1.5709	-11.6741	0.4675
642	SLD 6	3.29	4.78	93.27	-1.5558	-11.6676	0.5134
642	SLD 7	3.48	-4.01	96.22	-2.167	-12.0289	-0.6117
642	SLD 8	3.49	-3.7	96.17	-2.1519	-12.0224	-0.5659
642	SLD 9	-1.23	4.12	97.74	-1.4007	-12.2383	0.4414
642	SLD 10	-1.22	4.44	97.69	-1.3856	-12.2317	0.4873
642	SLD 11	-1.03	-4.36	100.65	-1.9968	-12.593	-0.6378
642	SLD 12	-1.02	-4.04	100.6	-1.9817	-12.5865	-0.592
642	SLD 13	-6.42	0.67	103.93	-1.4147	-13.0223	0.0213
642	SLD 14	-6.41	1.15	103.86	-1.3918	-13.0124	0.091
642	SLD 15	-6.37	-1.87	104.8	-1.5936	-13.1287	-0.3024
642	SLD 16	-6.35	-1.39	104.73	-1.5706	-13.1188	-0.2328
642	SLV 1	18.63	3.88	78.79	-2.2659	-9.8199	0.3254
642	SLV 2	18.67	4.99	78.62	-2.2125	-9.7968	0.4876
642	SLV 3	18.77	-1.89	80.78	-2.6708	-10.0626	-0.4085
642	SLV 4	18.8	-0.77	80.61	-2.6174	-10.0395	-0.2463
642	SLV 5	6.17	9.86	88.52	-1.3183	-11.073	1.139
642	SLV 6	6.2	10.59	88.41	-1.2838	-11.0581	1.2439
642	SLV 7	6.62	-9.36	95.15	-2.668	-11.8821	-1.3073



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
642	SLV 8	6.64	-8.63	95.04	-2.6335	-11.8672	-1.2023
642	SLV 9	-4.38	9.06	98.87	-0.9191	-12.3934	1.0779
642	SLV 10	-4.36	9.78	98.76	-0.8846	-12.3785	1.1828
642	SLV 11	-3.94	-10.16	105.51	-2.2688	-13.2025	-1.3684
642	SLV 12	-3.91	-9.44	105.4	-2.2343	-13.1876	-1.2634
642	SLV 13	-16.54	1.2	113.3	-0.9352	-14.2211	0.1218
642	SLV 14	-16.5	2.31	113.14	-0.8818	-14.198	0.284
642	SLV 15	-16.41	-4.57	115.29	-1.3401	-14.4638	-0.6121
642	SLV 16	-16.37	-3.45	115.13	-1.2867	-14.4408	-0.4499
642	CRTFP Ux+	0	0	0	0	0	0
642	CRTFP Ux-	0	0	0	0	0	0
642	CRTFP Uy+	0	0	0	0	0	0
642	CRTFP Uy-	0	0	0	0	0	0
643	SLU 1	1.08	-0.12	69.36	14.583	-2.645	-0.2812
643	SLU 2	1.07	-0.01	69.41	14.5964	-2.6466	-0.2746
643	SLU 3	1.11	-0.12	70.99	14.9198	-2.7076	-0.2884
643	SLU 4	1.1	-0.05	71.02	14.9278	-2.7085	-0.2845
643	SLU 5	1.09	-0.01	70.41	14.803	-2.6851	-0.2792
643	SLU 6	1.13	-0.13	71.99	15.1263	-2.7461	-0.2931
643	SLU 7	1.12	-0.06	72.02	15.1344	-2.7471	-0.2891
643	SLU 8	1.11	-0.14	71.35	14.996	-2.722	-0.2905
643	SLU 9	1.11	-0.07	71.38	15.0041	-2.723	-0.2865
643	SLU 10	1.13	0.06	78.04	16.416	-2.964	-0.2876
643	SLU 11	1.17	-0.05	79.61	16.7394	-3.025	-0.3015
643	SLU 12	1.17	0.02	79.64	16.7474	-3.0259	-0.2975
643	SLU 13	1.15	0.06	79.03	16.6225	-3.0025	-0.2922
643	SLU 14	1.19	-0.06	80.61	16.9459	-3.0635	-0.3061
643	SLU 15	1.18	0.01	80.64	16.9539	-3.0645	-0.3021
643	SLU 16	1.18	-0.07	79.97	16.8156	-3.0394	-0.3035
643	SLU 17	1.17	0	80	16.8237	-3.0404	-0.2995
643	SLU 18	1.17	-0.02	81.68	17.1824	-3.0984	-0.2998
643	SLU 19	1.17	0.05	81.71	17.1905	-3.0994	-0.2959
643	SLU 20	1.19	-0.03	82.67	17.3889	-3.1369	-0.3045
643	SLU 21	1.18	0.04	82.7	17.397	-3.1379	-0.3005
643	SLU 22	1.18	0	77.68	16.3271	-2.9624	-0.3016
643	SLU 23	1.17	0.11	77.73	16.3406	-2.964	-0.295
643	SLU 24	1.21	0	79.31	16.6639	-3.025	-0.3089
643	SLU 25	1.2	0.07	79.34	16.672	-3.026	-0.3049
643	SLU 26	1.18	0.1	78.73	16.5471	-3.0025	-0.2996
643	SLU 27	1.22	-0.01	80.31	16.8704	-3.0635	-0.3135
643	SLU 28	1.22	0.06	80.34	16.8785	-3.0645	-0.3095
643	SLU 29	1.21	-0.02	79.67	16.7402	-3.0394	-0.3109
643	SLU 30	1.21	0.05	79.7	16.7482	-3.0404	-0.3069
643	SLU 31	1.23	0.18	86.36	18.1601	-3.2814	-0.308
643	SLU 32	1.27	0.07	87.93	18.4835	-3.3424	-0.3219
643	SLU 33	1.26	0.14	87.97	18.4916	-3.3434	-0.3179
643	SLU 34	1.25	0.17	87.35	18.3667	-3.3199	-0.3127
643	SLU 35	1.29	0.06	88.93	18.69	-3.3809	-0.3266
643	SLU 36	1.28	0.13	88.96	18.6981	-3.3819	-0.3226
643	SLU 37	1.28	0.05	88.29	18.5598	-3.3568	-0.324
643	SLU 38	1.27	0.12	88.32	18.5678	-3.3578	-0.32
643	SLU 39	1.27	0.1	90	18.9265	-3.4158	-0.3203
643	SLU 40	1.26	0.17	90.03	18.9346	-3.4168	-0.3163
643	SLU 41	1.29	0.09	91	19.133	-3.4543	-0.3249
643	SLU 42	1.28	0.16	91.03	19.1411	-3.4553	-0.3209
643	SLU 43	1.37	-0.2	87.32	18.3599	-3.3296	-0.3586
643	SLU 44	1.36	-0.08	87.37	18.3733	-3.3312	-0.3519
643	SLU 45	1.4	-0.2	88.95	18.6967	-3.3922	-0.3658
643	SLU 46	1.39	-0.13	88.98	18.7047	-3.3932	-0.3618
643	SLU 47	1.38	-0.09	88.36	18.5799	-3.3698	-0.3566
643	SLU 48	1.42	-0.21	89.94	18.9032	-3.4308	-0.3704
643	SLU 49	1.41	-0.14	89.97	18.9113	-3.4317	-0.3665
643	SLU 50	1.41	-0.22	89.31	18.7729	-3.4067	-0.3678
643	SLU 51	1.4	-0.15	89.34	18.781	-3.4076	-0.3639
643	SLU 52	1.43	-0.01	95.99	20.1929	-3.6486	-0.365
643	SLU 53	1.46	-0.13	97.57	20.5163	-3.7096	-0.3789
643	SLU 54	1.46	-0.06	97.6	20.5243	-3.7106	-0.3749
643	SLU 55	1.44	-0.02	96.99	20.3994	-3.6872	-0.3696
643	SLU 56	1.48	-0.14	98.56	20.7228	-3.7482	-0.3835
643	SLU 57	1.47	-0.07	98.59	20.7308	-3.7491	-0.3795
643	SLU 58	1.47	-0.15	97.93	20.5925	-3.7241	-0.3809
643	SLU 59	1.46	-0.08	97.96	20.6006	-3.725	-0.3769
643	SLU 60	1.46	-0.1	99.64	20.9593	-3.783	-0.3772
643	SLU 61	1.46	-0.03	99.67	20.9674	-3.784	-0.3732
643	SLU 62	1.48	-0.11	100.63	21.1658	-3.8216	-0.3818
643	SLU 63	1.47	-0.04	100.66	21.1739	-3.8225	-0.3779
643	SLU 64	1.47	-0.08	95.64	20.104	-3.647	-0.379
643	SLU 65	1.46	0.04	95.69	20.1175	-3.6487	-0.3723
643	SLU 66	1.5	-0.08	97.27	20.4408	-3.7097	-0.3862
643	SLU 67	1.49	-0.01	97.3	20.4489	-3.7106	-0.3822
643	SLU 68	1.48	0.03	96.68	20.324	-3.6872	-0.377
643	SLU 69	1.51	-0.09	98.26	20.6473	-3.7482	-0.3909
643	SLU 70	1.51	-0.02	98.29	20.6554	-3.7491	-0.3869
643	SLU 71	1.5	-0.1	97.63	20.5171	-3.7241	-0.3883
643	SLU 72	1.5	-0.03	97.66	20.5251	-3.7251	-0.3843
643	SLU 73	1.52	0.11	104.31	21.9371	-3.966	-0.3854
643	SLU 74	1.56	-0.01	105.89	22.2604	-4.027	-0.3993
643	SLU 75	1.55	0.06	105.92	22.2685	-4.028	-0.3953
643	SLU 76	1.54	0.1	105.31	22.1436	-4.0046	-0.39



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
643	SLU 77	1.58	-0.02	106.89	22.4669	-4.0656	-0.4039
643	SLU 78	1.57	0.05	106.92	22.475	-4.0665	-0.3999
643	SLU 79	1.57	-0.03	106.25	22.3367	-4.0415	-0.4013
643	SLU 80	1.56	0.04	106.28	22.3447	-4.0425	-0.3973
643	SLU 81	1.56	0.02	107.96	22.7034	-4.1005	-0.3976
643	SLU 82	1.55	0.09	107.99	22.7115	-4.1014	-0.3936
643	SLU 83	1.58	0.01	108.95	22.91	-4.139	-0.4023
643	SLU 84	1.57	0.08	108.98	22.918	-4.14	-0.3983
643	SLE RA 1	1.11	-0.09	71.74	15.0813	-2.7357	-0.287
643	SLE RA 2	1.1	-0.01	71.77	15.0903	-2.7367	-0.2826
643	SLE RA 3	1.13	-0.09	72.83	15.3058	-2.7774	-0.2919
643	SLE RA 4	1.12	-0.04	72.85	15.3112	-2.778	-0.2892
643	SLE RA 5	1.11	-0.02	72.44	15.228	-2.7624	-0.2857
643	SLE RA 6	1.14	-0.09	73.49	15.4435	-2.8031	-0.295
643	SLE RA 7	1.13	-0.05	73.51	15.4489	-2.8037	-0.2923
643	SLE RA 8	1.13	-0.1	73.07	15.3567	-2.787	-0.2932
643	SLE RA 9	1.13	-0.05	73.09	15.3621	-2.7877	-0.2906
643	SLE RA 10	1.14	0.04	77.52	16.3033	-2.9483	-0.2913
643	SLE RA 11	1.17	-0.04	78.57	16.5189	-2.989	-0.3006
643	SLE RA 12	1.17	0.01	78.59	16.5243	-2.9896	-0.2979
643	SLE RA 13	1.16	0.03	78.18	16.441	-2.974	-0.2944
643	SLE RA 14	1.18	-0.05	79.24	16.6566	-3.0147	-0.3037
643	SLE RA 15	1.18	0	79.26	16.6619	-3.0153	-0.301
643	SLE RA 16	1.17	-0.05	78.81	16.5697	-2.9986	-0.3019
643	SLE RA 17	1.17	-0.01	78.83	16.5751	-2.9993	-0.2993
643	SLE RA 18	1.17	-0.02	79.95	16.8142	-3.0379	-0.2995
643	SLE RA 19	1.16	0.03	79.97	16.8196	-3.0386	-0.2968
643	SLE RA 20	1.18	-0.03	80.61	16.9519	-3.0636	-0.3026
643	SLE RA 21	1.18	0.02	80.63	16.9573	-3.0643	-0.2999
643	SLE FR 1	1.11	-0.09	71.74	15.0813	-2.7357	-0.287
643	SLE FR 2	1.11	-0.07	71.75	15.0831	-2.7359	-0.2862
643	SLE FR 3	1.11	-0.09	72	15.1364	-2.7459	-0.2883
643	SLE FR 4	1.12	-0.05	74.21	15.603	-2.8266	-0.2899
643	SLE FR 5	1.13	-0.07	74.47	15.6563	-2.8366	-0.292
643	SLE FR 6	1.14	-0.05	75.85	15.9478	-2.8868	-0.2933
643	SLE QP 1	1.11	-0.09	71.74	15.0813	-2.7357	-0.287
643	SLE QP 2	1.13	-0.07	74.2	15.6012	-2.8263	-0.2908
643	SLD 1	7.03	1.23	68.33	13.7092	-2.6659	-1.7297
643	SLD 2	7.02	1.68	68.28	13.7187	-2.6614	-1.7032
643	SLD 3	7.07	-0.8	68.73	13.6452	-2.6728	-1.8019
643	SLD 4	7.06	-0.35	68.68	13.6547	-2.6682	-1.7753
643	SLD 5	2.83	3.31	71.84	15.1289	-2.7687	-0.6178
643	SLD 6	2.83	3.61	71.8	15.1352	-2.7657	-0.6003
643	SLD 7	2.98	-3.44	73.18	14.9156	-2.7915	-0.8583
643	SLD 8	2.97	-3.14	73.15	14.9219	-2.7885	-0.8408
643	SLD 9	-0.72	3.01	75.26	16.2805	-2.8642	0.2593
643	SLD 10	-0.73	3.31	75.22	16.2868	-2.8612	0.2768
643	SLD 11	-0.57	-3.74	76.6	16.0672	-2.887	0.0188
643	SLD 12	-0.58	-3.45	76.57	16.0734	-2.884	0.0362
643	SLD 13	-4.81	0.21	79.73	17.5477	-2.9845	1.1938
643	SLD 14	-4.82	0.67	79.67	17.5572	-2.9799	1.2203
643	SLD 15	-4.77	-1.81	80.13	17.4837	-2.9913	1.1216
643	SLD 16	-4.78	-1.36	80.08	17.4932	-2.9867	1.1482
643	SLV 1	14.94	2.89	60.47	11.1714	-2.451	-3.6593
643	SLV 2	14.91	3.94	60.34	11.1936	-2.4403	-3.5975
643	SLV 3	15.04	-1.7	61.39	11.0234	-2.4666	-3.8232
643	SLV 4	15.01	-0.65	61.26	11.0456	-2.456	-3.7614
643	SLV 5	5.12	7.6	68.71	14.4929	-2.6918	-1.0635
643	SLV 6	5.11	8.28	68.63	14.5073	-2.6849	-1.0235
643	SLV 7	5.46	-7.7	71.78	13.9995	-2.744	-1.6098
643	SLV 8	5.44	-7.02	71.69	14.0138	-2.7371	-1.5698
643	SLV 9	-3.19	6.89	76.71	17.1886	-2.9156	0.9883
643	SLV 10	-3.2	7.57	76.63	17.2029	-2.9087	1.0283
643	SLV 11	-2.85	-8.42	79.78	16.6951	-2.9677	0.442
643	SLV 12	-2.87	-7.73	79.7	16.7095	-2.9608	0.4819
643	SLV 13	-12.76	0.51	87.15	20.1568	-3.1967	3.1799
643	SLV 14	-12.79	1.57	87.02	20.179	-3.1861	3.2417
643	SLV 15	-12.66	-4.08	88.07	20.0088	-3.2124	3.016
643	SLV 16	-12.69	-3.02	87.94	20.031	-3.2017	3.0778
643	CRTFP Ux+	0	0	0	0	0	0
643	CRTFP Ux-	0	0	0	0	0	0
643	CRTFP Uy+	0	0	0	0	0	0
643	CRTFP Uy-	0	0	0	0	0	0
647	SLU 1	1.34	-0.51	108.69	-22.4705	30.7272	0.4078
647	SLU 2	1.33	-0.33	108.75	-22.4821	30.7479	0.3565
647	SLU 3	1.37	-0.52	111.25	-23.0002	31.4499	0.4165
647	SLU 4	1.37	-0.41	111.29	-23.0071	31.4623	0.3857
647	SLU 5	1.35	-0.35	110.31	-22.8039	31.1816	0.3663
647	SLU 6	1.39	-0.54	112.8	-23.322	31.8836	0.4263
647	SLU 7	1.39	-0.43	112.84	-23.3289	31.896	0.3956
647	SLU 8	1.38	-0.55	111.8	-23.1141	31.5946	0.4275
647	SLU 9	1.38	-0.44	111.83	-23.121	31.607	0.3967
647	SLU 10	1.41	-0.25	122.14	-25.2311	34.5456	0.3515
647	SLU 11	1.45	-0.44	124.63	-25.7492	35.2476	0.4115
647	SLU 12	1.45	-0.33	124.67	-25.7562	35.26	0.3807
647	SLU 13	1.43	-0.27	123.69	-25.5529	34.9793	0.3613
647	SLU 14	1.47	-0.46	126.18	-26.071	35.6813	0.4213
647	SLU 15	1.47	-0.35	126.22	-26.078	35.6937	0.3905
647	SLU 16	1.46	-0.47	125.18	-25.8631	35.3923	0.4225



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
647	SLU 17	1.45	-0.36	125.21	-25.8701	35.4047	0.3917
647	SLU 18	1.45	-0.39	127.81	-26.3976	36.1525	0.4007
647	SLU 19	1.44	-0.29	127.85	-26.4046	36.1649	0.3699
647	SLU 20	1.47	-0.41	129.36	-26.7194	36.5862	0.4105
647	SLU 21	1.46	-0.31	129.4	-26.7264	36.5986	0.3797
647	SLU 22	1.46	-0.36	121.57	-25.1142	34.3296	0.3897
647	SLU 23	1.45	-0.18	121.63	-25.1258	34.3503	0.3384
647	SLU 24	1.49	-0.37	124.13	-25.6439	35.0522	0.3984
647	SLU 25	1.49	-0.26	124.16	-25.6509	35.0646	0.3676
647	SLU 26	1.47	-0.2	123.18	-25.4476	34.784	0.3482
647	SLU 27	1.51	-0.39	125.68	-25.9657	35.4859	0.4082
647	SLU 28	1.51	-0.28	125.72	-25.9727	35.4983	0.3774
647	SLU 29	1.5	-0.4	124.67	-25.7578	35.197	0.4093
647	SLU 30	1.49	-0.29	124.71	-25.7648	35.2094	0.3785
647	SLU 31	1.52	-0.1	135.01	-27.8749	38.148	0.3334
647	SLU 32	1.56	-0.29	137.51	-28.3929	38.8499	0.3934
647	SLU 33	1.56	-0.18	137.55	-28.3999	38.8623	0.3626
647	SLU 34	1.54	-0.12	136.56	-28.1967	38.5817	0.3432
647	SLU 35	1.59	-0.31	139.06	-28.7147	39.2836	0.4032
647	SLU 36	1.58	-0.2	139.1	-28.7217	39.296	0.3724
647	SLU 37	1.57	-0.32	138.05	-28.5068	38.9947	0.4043
647	SLU 38	1.57	-0.21	138.09	-28.5138	39.0071	0.3735
647	SLU 39	1.56	-0.25	140.68	-29.0414	39.7549	0.3825
647	SLU 40	1.56	-0.14	140.72	-29.0484	39.7673	0.3517
647	SLU 41	1.58	-0.26	142.24	-29.3632	40.1886	0.3923
647	SLU 42	1.58	-0.16	142.27	-29.3702	40.201	0.3616
647	SLU 43	1.7	-0.71	136.89	-28.3052	38.7103	0.5364
647	SLU 44	1.7	-0.53	136.95	-28.3168	38.731	0.4851
647	SLU 45	1.74	-0.72	139.45	-28.8349	39.4329	0.5451
647	SLU 46	1.73	-0.61	139.48	-28.8419	39.4453	0.5143
647	SLU 47	1.72	-0.55	138.5	-28.6386	39.1647	0.4949
647	SLU 48	1.76	-0.74	141	-29.1567	39.8666	0.5549
647	SLU 49	1.75	-0.63	141.03	-29.1637	39.879	0.5241
647	SLU 50	1.74	-0.75	139.99	-28.9488	39.5777	0.556
647	SLU 51	1.74	-0.64	140.03	-28.9558	39.5901	0.5253
647	SLU 52	1.77	-0.45	150.33	-31.0658	42.5287	0.4801
647	SLU 53	1.81	-0.64	152.83	-31.5839	43.2306	0.5401
647	SLU 54	1.81	-0.53	152.86	-31.5909	43.243	0.5093
647	SLU 55	1.79	-0.47	151.88	-31.3876	42.9624	0.4899
647	SLU 56	1.83	-0.66	154.38	-31.9057	43.6643	0.5499
647	SLU 57	1.83	-0.55	154.42	-31.9127	43.6767	0.5191
647	SLU 58	1.82	-0.67	153.37	-31.6978	43.3754	0.551
647	SLU 59	1.82	-0.56	153.41	-31.7048	43.3878	0.5203
647	SLU 60	1.81	-0.6	156	-32.2324	44.1356	0.5292
647	SLU 61	1.81	-0.49	156.04	-32.2393	44.148	0.4985
647	SLU 62	1.83	-0.62	157.55	-32.5542	44.5693	0.5391
647	SLU 63	1.83	-0.51	157.59	-32.5611	44.5817	0.5083
647	SLU 64	1.82	-0.56	149.76	-30.9489	42.3127	0.5182
647	SLU 65	1.81	-0.38	149.82	-30.9605	42.3333	0.4669
647	SLU 66	1.85	-0.57	152.32	-31.4786	43.0353	0.5269
647	SLU 67	1.85	-0.46	152.36	-31.4856	43.0477	0.4961
647	SLU 68	1.83	-0.4	151.37	-31.2823	42.767	0.4768
647	SLU 69	1.87	-0.59	153.87	-31.8004	43.469	0.5368
647	SLU 70	1.87	-0.48	153.91	-31.8074	43.4814	0.506
647	SLU 71	1.86	-0.6	152.86	-31.5925	43.1801	0.5379
647	SLU 72	1.86	-0.5	152.9	-31.5995	43.1925	0.5071
647	SLU 73	1.89	-0.3	163.2	-33.7096	46.131	0.4619
647	SLU 74	1.93	-0.49	165.7	-34.2276	46.833	0.5219
647	SLU 75	1.92	-0.38	165.74	-34.2346	46.8454	0.4911
647	SLU 76	1.91	-0.32	164.76	-34.0314	46.5647	0.4718
647	SLU 77	1.95	-0.51	167.25	-34.5494	47.2667	0.5317
647	SLU 78	1.94	-0.4	167.29	-34.5564	47.2791	0.501
647	SLU 79	1.93	-0.52	166.25	-34.3415	46.9778	0.5329
647	SLU 80	1.93	-0.42	166.28	-34.3485	46.9902	0.5021
647	SLU 81	1.93	-0.45	168.88	-34.8761	47.738	0.5111
647	SLU 82	1.92	-0.34	168.91	-34.8831	47.7504	0.4803
647	SLU 83	1.95	-0.47	170.43	-35.1979	48.1717	0.5209
647	SLU 84	1.94	-0.36	170.47	-35.2049	48.1841	0.4901
647	SLE RA 1	1.37	-0.47	112.37	-23.2258	31.7565	0.4026
647	SLE RA 2	1.37	-0.35	112.41	-23.2336	31.7703	0.3684
647	SLE RA 3	1.4	-0.47	114.08	-23.579	32.2382	0.4084
647	SLE RA 4	1.39	-0.4	114.1	-23.5836	32.2465	0.3879
647	SLE RA 5	1.38	-0.36	113.45	-23.4481	32.0594	0.375
647	SLE RA 6	1.41	-0.48	115.11	-23.7935	32.5274	0.415
647	SLE RA 7	1.41	-0.41	115.14	-23.7981	32.5356	0.3945
647	SLE RA 8	1.4	-0.49	114.44	-23.6549	32.3347	0.4157
647	SLE RA 9	1.4	-0.42	114.46	-23.6595	32.343	0.3952
647	SLE RA 10	1.42	-0.29	121.33	-25.0663	34.3021	0.3651
647	SLE RA 11	1.45	-0.42	123	-25.4116	34.77	0.4051
647	SLE RA 12	1.44	-0.35	123.02	-25.4163	34.7783	0.3846
647	SLE RA 13	1.43	-0.31	122.37	-25.2808	34.5912	0.3716
647	SLE RA 14	1.46	-0.43	124.03	-25.6262	35.0592	0.4116
647	SLE RA 15	1.46	-0.36	124.06	-25.6308	35.0674	0.3911
647	SLE RA 16	1.45	-0.44	123.36	-25.4876	34.8665	0.4124
647	SLE RA 17	1.45	-0.37	123.39	-25.4922	34.8748	0.3919
647	SLE RA 18	1.44	-0.39	125.12	-25.8439	35.3733	0.3979
647	SLE RA 19	1.44	-0.32	125.14	-25.8486	35.3816	0.3773
647	SLE RA 20	1.46	-0.4	126.15	-26.0585	35.6625	0.4044
647	SLE RA 21	1.46	-0.33	126.17	-26.0631	35.6707	0.3839



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
647	SLE FR 1	1.37	-0.47	112.37	-23.2258	31.7565	0.4026
647	SLE FR 2	1.37	-0.44	112.38	-23.2274	31.7592	0.3958
647	SLE FR 3	1.38	-0.47	112.79	-23.3116	31.8721	0.4053
647	SLE FR 4	1.39	-0.42	116.2	-24.0128	32.8443	0.3944
647	SLE FR 5	1.4	-0.45	116.61	-24.0971	32.9572	0.4038
647	SLE FR 6	1.41	-0.43	118.74	-24.5349	33.5649	0.4003
647	SLE QP 1	1.37	-0.47	112.37	-23.2258	31.7565	0.4026
647	SLE QP 2	1.39	-0.44	116.19	-24.0113	32.8415	0.4012
647	SLD 1	10.04	1.57	107.27	-22.2228	30.3318	1.637
647	SLD 2	10.09	2.28	107.15	-22.214	30.2839	1.4787
647	SLD 3	10.12	-1.47	108.37	-22.4098	30.7474	2.4769
647	SLD 4	10.16	-0.76	108.25	-22.4009	30.6996	2.3186
647	SLD 5	3.87	4.64	111.86	-23.1928	31.4668	-0.4736
647	SLD 6	3.9	5.11	111.78	-23.187	31.4353	-0.5778
647	SLD 7	4.11	-5.48	115.55	-23.8159	32.8523	2.3262
647	SLD 8	4.14	-5.02	115.47	-23.8101	32.8208	2.2219
647	SLD 9	-1.35	4.13	116.92	-24.2124	32.8623	-1.4195
647	SLD 10	-1.32	4.6	116.84	-24.2066	32.8308	-1.5238
647	SLD 11	-1.12	-5.99	120.61	-24.8355	34.2478	1.3802
647	SLD 12	-1.08	-5.52	120.53	-24.8297	34.2163	1.276
647	SLD 13	-7.37	-0.13	124.14	-25.6216	34.9835	-1.5162
647	SLD 14	-7.33	0.58	124.02	-25.6127	34.9356	-1.6745
647	SLD 15	-7.3	-3.16	125.24	-25.8085	35.3992	-0.6763
647	SLD 16	-7.26	-2.45	125.12	-25.7997	35.3513	-0.8346
647	SLV 1	21.63	4.15	95.33	-19.8313	26.9806	3.3216
647	SLV 2	21.74	5.81	95.06	-19.8107	26.8691	2.9529
647	SLV 3	21.8	-2.73	97.85	-20.2566	27.925	5.2257
647	SLV 4	21.91	-1.07	97.57	-20.236	27.8136	4.8571
647	SLV 5	7.2	11.09	106.17	-22.1159	29.6701	-1.5466
647	SLV 6	7.27	12.16	105.99	-22.1025	29.598	-1.7852
647	SLV 7	7.74	-11.85	114.55	-23.5334	32.8183	4.8005
647	SLV 8	7.82	-10.78	114.38	-23.5201	32.7462	4.5619
647	SLV 9	-5.03	9.9	118.01	-24.5024	32.9368	-3.7595
647	SLV 10	-4.96	10.97	117.83	-24.4891	32.8647	-3.9981
647	SLV 11	-4.48	-13.04	126.4	-25.92	36.085	2.5876
647	SLV 12	-4.41	-11.97	126.22	-25.9067	36.0129	2.349
647	SLV 13	-19.12	0.19	134.82	-27.7865	37.8695	-4.0547
647	SLV 14	-19.01	1.84	134.54	-27.7659	37.758	-4.4233
647	SLV 15	-18.95	-6.69	137.33	-28.2118	38.8139	-2.1505
647	SLV 16	-18.84	-5.04	137.06	-28.1912	38.7025	-2.5192
647	CRTFP Ux+	0	0	0	0	0	0
647	CRTFP Ux-	0	0	0	0	0	0
647	CRTFP Uy+	0	0	0	0	0	0
647	CRTFP Uy-	0	0	0	0	0	0
648	SLU 1	2.15	-0.22	137.96	-2.0084	28.217	0.0733
648	SLU 2	2.14	0	138.05	-2.0025	28.2348	0.0274
648	SLU 3	2.21	-0.22	141.21	-2.0574	28.8815	0.0736
648	SLU 4	2.2	-0.09	141.26	-2.0538	28.8922	0.046
648	SLU 5	2.17	-0.01	140.04	-2.0328	28.641	0.0313
648	SLU 6	2.24	-0.24	143.19	-2.0877	29.2877	0.0776
648	SLU 7	2.23	-0.1	143.25	-2.0841	29.2984	0.05
648	SLU 8	2.22	-0.26	141.94	-2.069	29.0293	0.0812
648	SLU 9	2.21	-0.12	141.99	-2.0654	29.04	0.0536
648	SLU 10	2.27	0.16	154.99	-2.2356	31.7083	-0.0012
648	SLU 11	2.34	-0.07	158.15	-2.2905	32.3551	0.045
648	SLU 12	2.33	0.07	158.2	-2.287	32.3658	0.0175
648	SLU 13	2.3	0.14	156.98	-2.2659	32.1145	0.0027
648	SLU 14	2.37	-0.08	160.13	-2.3208	32.7613	0.049
648	SLU 15	2.36	0.05	160.19	-2.3172	32.772	0.0214
648	SLU 16	2.35	-0.1	158.88	-2.3021	32.5029	0.0526
648	SLU 17	2.34	0.04	158.93	-2.2986	32.5136	0.025
648	SLU 18	2.34	0	162.16	-2.3415	33.1791	0.0324
648	SLU 19	2.33	0.14	162.22	-2.3379	33.1898	0.0049
648	SLU 20	2.37	-0.01	164.15	-2.3717	33.5853	0.0364
648	SLU 21	2.36	0.12	164.21	-2.3682	33.596	0.0088
648	SLU 22	2.34	0.01	154.51	-2.2345	31.598	0.0269
648	SLU 23	2.33	0.23	154.6	-2.2285	31.6159	-0.019
648	SLU 24	2.4	0	157.75	-2.2834	32.2626	0.0273
648	SLU 25	2.39	0.14	157.81	-2.2799	32.2733	-0.0003
648	SLU 26	2.36	0.21	156.59	-2.2588	32.0221	-0.015
648	SLU 27	2.43	-0.01	159.74	-2.3137	32.6688	0.0312
648	SLU 28	2.42	0.12	159.79	-2.3102	32.6795	0.0037
648	SLU 29	2.41	-0.03	158.48	-2.295	32.4104	0.0349
648	SLU 30	2.4	0.1	158.54	-2.2915	32.4211	0.0073
648	SLU 31	2.46	0.39	171.54	-2.4617	35.0894	-0.0476
648	SLU 32	2.53	0.16	174.69	-2.5166	35.7361	-0.0013
648	SLU 33	2.52	0.29	174.75	-2.513	35.7468	-0.0289
648	SLU 34	2.49	0.37	173.53	-2.4919	35.4956	-0.0436
648	SLU 35	2.56	0.14	176.68	-2.5468	36.1423	0.0026
648	SLU 36	2.55	0.28	176.74	-2.5433	36.153	-0.0249
648	SLU 37	2.54	0.13	175.43	-2.5282	35.884	0.0063
648	SLU 38	2.53	0.26	175.48	-2.5246	35.8947	-0.0213
648	SLU 39	2.53	0.23	178.71	-2.5675	36.5602	-0.0139
648	SLU 40	2.52	0.36	178.77	-2.5639	36.5709	-0.0415
648	SLU 41	2.56	0.21	180.7	-2.5978	36.9664	-0.01
648	SLU 42	2.55	0.35	180.75	-2.5942	36.9771	-0.0375
648	SLU 43	2.73	-0.36	173.68	-2.5335	35.5228	0.1112
648	SLU 44	2.72	-0.14	173.77	-2.5275	35.5406	0.0652
648	SLU 45	2.79	-0.37	176.92	-2.5824	36.1874	0.1115



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
648	SLU 46	2.78	-0.23	176.97	-2.5789	36.1981	0.0839
648	SLU 47	2.75	-0.16	175.75	-2.5578	35.9468	0.0692
648	SLU 48	2.82	-0.38	178.91	-2.6127	36.5936	0.1154
648	SLU 49	2.81	-0.25	178.96	-2.6091	36.6043	0.0879
648	SLU 50	2.8	-0.4	177.65	-2.594	36.3352	0.1191
648	SLU 51	2.79	-0.26	177.71	-2.5905	36.3459	0.0915
648	SLU 52	2.85	0.02	190.71	-2.7606	39.0142	0.0366
648	SLU 53	2.92	-0.21	193.86	-2.8155	39.6609	0.0829
648	SLU 54	2.91	-0.07	193.92	-2.812	39.6716	0.0553
648	SLU 55	2.88	0	192.7	-2.7909	39.4204	0.0406
648	SLU 56	2.95	-0.23	195.85	-2.8458	40.0671	0.0868
648	SLU 57	2.94	-0.09	195.9	-2.8423	40.0778	0.0593
648	SLU 58	2.93	-0.24	194.59	-2.8271	39.8087	0.0905
648	SLU 59	2.92	-0.11	194.65	-2.8236	39.8194	0.0629
648	SLU 60	2.92	-0.14	197.88	-2.8665	40.485	0.0703
648	SLU 61	2.91	-0.01	197.93	-2.8629	40.4957	0.0428
648	SLU 62	2.95	-0.16	199.87	-2.8968	40.8912	0.0743
648	SLU 63	2.94	-0.02	199.92	-2.8932	40.9019	0.0467
648	SLU 64	2.92	-0.14	190.22	-2.7595	38.9039	0.0648
648	SLU 65	2.91	0.09	190.31	-2.7536	38.9217	0.0189
648	SLU 66	2.98	-0.14	193.47	-2.8085	39.5685	0.0651
648	SLU 67	2.97	-0.01	193.52	-2.8049	39.5792	0.0376
648	SLU 68	2.94	0.07	192.3	-2.7838	39.3279	0.0228
648	SLU 69	3.01	-0.16	195.46	-2.8387	39.9747	0.0691
648	SLU 70	3	-0.02	195.51	-2.8352	39.9854	0.0415
648	SLU 71	2.99	-0.17	194.2	-2.8201	39.7163	0.0727
648	SLU 72	2.98	-0.04	194.25	-2.8165	39.727	0.0452
648	SLU 73	3.04	0.24	207.26	-2.9867	42.3952	-0.0097
648	SLU 74	3.11	0.02	210.41	-3.0416	43.042	0.0365
648	SLU 75	3.1	0.15	210.46	-3.038	43.0527	0.009
648	SLU 76	3.07	0.22	209.24	-3.017	42.8014	-0.0058
648	SLU 77	3.14	0	212.4	-3.0719	43.4482	0.0405
648	SLU 78	3.13	0.13	212.45	-3.0683	43.4589	0.0129
648	SLU 79	3.12	-0.02	211.14	-3.0532	43.1898	0.0441
648	SLU 80	3.11	0.12	211.19	-3.0496	43.2005	0.0166
648	SLU 81	3.11	0.08	214.43	-3.0925	43.8661	0.024
648	SLU 82	3.1	0.22	214.48	-3.089	43.8768	-0.0036
648	SLU 83	3.14	0.07	216.41	-3.1228	44.2723	0.0279
648	SLU 84	3.13	0.2	216.47	-3.1192	44.283	0.0004
648	SLE RA 1	2.21	-0.16	142.69	-2.073	29.183	0.0601
648	SLE RA 2	2.2	-0.01	142.75	-2.0691	29.1949	0.0294
648	SLE RA 3	2.24	-0.16	144.85	-2.1057	29.626	0.0603
648	SLE RA 4	2.24	-0.07	144.89	-2.1033	29.6332	0.0419
648	SLE RA 5	2.22	-0.02	144.07	-2.0892	29.4657	0.0321
648	SLE RA 6	2.27	-0.17	146.18	-2.1258	29.8968	0.0629
648	SLE RA 7	2.26	-0.08	146.21	-2.1235	29.904	0.0445
648	SLE RA 8	2.25	-0.18	145.34	-2.1134	29.7246	0.0653
648	SLE RA 9	2.25	-0.09	145.38	-2.111	29.7317	0.047
648	SLE RA 10	2.28	0.1	154.04	-2.2245	31.5105	0.0104
648	SLE RA 11	2.33	-0.05	156.15	-2.2611	31.9417	0.0412
648	SLE RA 12	2.32	0.04	156.18	-2.2587	31.9488	0.0228
648	SLE RA 13	2.31	0.09	155.37	-2.2447	31.7813	0.013
648	SLE RA 14	2.35	-0.06	157.47	-2.2813	32.2125	0.0438
648	SLE RA 15	2.35	0.03	157.51	-2.2789	32.2196	0.0255
648	SLE RA 16	2.34	-0.08	156.63	-2.2688	32.0403	0.0463
648	SLE RA 17	2.33	0.01	156.67	-2.2664	32.0474	0.0279
648	SLE RA 18	2.33	-0.01	158.82	-2.295	32.4911	0.0328
648	SLE RA 19	2.32	0.08	158.86	-2.2927	32.4982	0.0144
648	SLE RA 20	2.35	-0.02	160.15	-2.3152	32.7619	0.0355
648	SLE RA 21	2.35	0.07	160.19	-2.3128	32.769	0.0171
648	SLE FR 1	2.21	-0.16	142.69	-2.073	29.183	0.0601
648	SLE FR 2	2.2	-0.13	142.7	-2.0722	29.1854	0.0539
648	SLE FR 3	2.22	-0.16	143.22	-2.0811	29.2913	0.0611
648	SLE FR 4	2.24	-0.08	147.54	-2.1388	30.1778	0.0458
648	SLE FR 5	2.25	-0.12	148.06	-2.1477	30.2837	0.0529
648	SLE FR 6	2.27	-0.08	150.76	-2.184	30.837	0.0464
648	SLE QP 1	2.21	-0.16	142.69	-2.073	29.183	0.0601
648	SLE QP 2	2.24	-0.11	147.53	-2.1396	30.1754	0.0519
648	SLD 1	13.26	2.12	136.07	-1.9629	28.0003	-0.379
648	SLD 2	13.28	3.19	135.98	-1.9801	27.975	-0.5754
648	SLD 3	13.35	-1.74	136.62	-2.0503	28.15	0.4296
648	SLD 4	13.37	-0.66	136.54	-2.0676	28.1247	0.2331
648	SLD 5	5.41	6.21	143.26	-1.9508	29.3004	-1.2684
648	SLD 6	5.43	6.91	143.21	-1.9622	29.2838	-1.3978
648	SLD 7	5.7	-6.63	145.11	-2.2424	29.7993	1.4267
648	SLD 8	5.71	-5.93	145.06	-2.2538	29.7826	1.2973
648	SLD 9	-1.23	5.7	150	-2.0254	30.5682	-1.1935
648	SLD 10	-1.21	6.41	149.95	-2.0368	30.5515	-1.3229
648	SLD 11	-0.94	-7.13	151.85	-2.3171	31.0671	1.5016
648	SLD 12	-0.93	-6.43	151.8	-2.3284	31.0504	1.3722
648	SLD 13	-8.88	0.44	158.52	-2.2116	32.2262	-0.1293
648	SLD 14	-8.86	1.51	158.44	-2.2289	32.2008	-0.3258
648	SLD 15	-8.8	-3.41	159.08	-2.2991	32.3758	0.6792
648	SLD 16	-8.77	-2.34	158.99	-2.3164	32.3505	0.4827
648	SLV 1	28.02	4.97	120.71	-1.7269	25.0886	-0.928
648	SLV 2	28.07	7.46	120.52	-1.767	25.0296	-1.3856
648	SLV 3	28.21	-3.76	121.99	-1.9266	25.4298	0.9048
648	SLV 4	28.27	-1.27	121.8	-1.9668	25.3707	0.4472
648	SLV 5	9.67	14.22	137.58	-1.7059	28.1421	-2.9424



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
648	SLV 6	9.7	15.84	137.45	-1.7319	28.104	-3.2385
648	SLV 7	10.32	-14.88	141.84	-2.3717	29.2794	3.1669
648	SLV 8	10.36	-13.27	141.72	-2.3977	29.2412	2.8708
648	SLV 9	-5.87	13.04	153.34	-1.8816	31.1096	-2.7671
648	SLV 10	-5.84	14.66	153.22	-1.9076	31.0714	-3.0631
648	SLV 11	-5.22	-16.06	157.61	-2.5474	32.2469	3.3423
648	SLV 12	-5.18	-14.44	157.48	-2.5733	32.2087	3.0462
648	SLV 13	-23.78	1.04	173.26	-2.3125	34.9801	-0.3435
648	SLV 14	-23.73	3.54	173.07	-2.3526	34.9211	-0.8011
648	SLV 15	-23.59	-7.69	174.54	-2.5122	35.3213	1.4893
648	SLV 16	-23.53	-5.19	174.35	-2.5524	35.2622	1.0317
648	CRTFP Ux+	0	0	0	0	0	0
648	CRTFP Ux-	0	0	0	0	0	0
648	CRTFP Uy+	0	0	0	0	0	0
648	CRTFP Uy-	0	0	0	0	0	0
651	SLU 1	0.79	-0.05	49.67	-2.6077	-1.3153	0.0421
651	SLU 2	0.79	0.03	49.71	-2.606	-1.3164	0.0443
651	SLU 3	0.82	-0.05	50.84	-2.6695	-1.3461	0.0431
651	SLU 4	0.81	0	50.86	-2.6685	-1.3468	0.0444
651	SLU 5	0.8	0.02	50.43	-2.644	-1.3354	0.0448
651	SLU 6	0.83	-0.06	51.56	-2.7075	-1.365	0.0436
651	SLU 7	0.82	-0.01	51.58	-2.7065	-1.3657	0.0449
651	SLU 8	0.82	-0.06	51.11	-2.6837	-1.3531	0.0431
651	SLU 9	0.82	-0.02	51.13	-2.6827	-1.3538	0.0445
651	SLU 10	0.84	0.09	55.8	-2.9212	-1.4778	0.0491
651	SLU 11	0.86	0.01	56.93	-2.9847	-1.5074	0.0479
651	SLU 12	0.86	0.06	56.95	-2.9837	-1.5081	0.0492
651	SLU 13	0.85	0.08	56.52	-2.9592	-1.4967	0.0496
651	SLU 14	0.88	0	57.64	-3.0227	-1.5264	0.0484
651	SLU 15	0.87	0.05	57.67	-3.0217	-1.5271	0.0497
651	SLU 16	0.87	0	57.2	-2.9989	-1.5145	0.0479
651	SLU 17	0.87	0.05	57.22	-2.9979	-1.5152	0.0492
651	SLU 18	0.86	0.03	58.37	-3.058	-1.5458	0.0489
651	SLU 19	0.86	0.08	58.39	-3.0569	-1.5465	0.0502
651	SLU 20	0.88	0.03	59.09	-3.096	-1.5647	0.0494
651	SLU 21	0.87	0.08	59.11	-3.0949	-1.5654	0.0507
651	SLU 22	0.86	0.03	55.64	-2.9134	-1.4739	0.0478
651	SLU 23	0.86	0.11	55.68	-2.9117	-1.475	0.05
651	SLU 24	0.89	0.03	56.81	-2.9752	-1.5047	0.0488
651	SLU 25	0.88	0.08	56.83	-2.9742	-1.5054	0.0501
651	SLU 26	0.87	0.1	56.4	-2.9497	-1.494	0.0505
651	SLU 27	0.9	0.02	57.53	-3.0132	-1.5236	0.0493
651	SLU 28	0.89	0.07	57.55	-3.0122	-1.5243	0.0506
651	SLU 29	0.89	0.02	57.08	-2.9894	-1.5117	0.0488
651	SLU 30	0.89	0.06	57.1	-2.9884	-1.5124	0.0501
651	SLU 31	0.91	0.17	61.77	-3.2269	-1.6364	0.0548
651	SLU 32	0.93	0.09	62.9	-3.2904	-1.666	0.0535
651	SLU 33	0.93	0.14	62.92	-3.2894	-1.6667	0.0549
651	SLU 34	0.92	0.16	62.49	-3.2649	-1.6553	0.0553
651	SLU 35	0.95	0.08	63.61	-3.3284	-1.6849	0.0541
651	SLU 36	0.94	0.13	63.64	-3.3274	-1.6856	0.0554
651	SLU 37	0.94	0.08	63.17	-3.3046	-1.6731	0.0536
651	SLU 38	0.94	0.12	63.19	-3.3035	-1.6738	0.0549
651	SLU 39	0.93	0.11	64.34	-3.3636	-1.7044	0.0546
651	SLU 40	0.93	0.16	64.37	-3.3626	-1.7051	0.0559
651	SLU 41	0.95	0.11	65.06	-3.4016	-1.7233	0.0551
651	SLU 42	0.94	0.16	65.08	-3.4006	-1.724	0.0564
651	SLU 43	1.01	-0.09	62.53	-3.2852	-1.6555	0.0528
651	SLU 44	1	-0.01	62.57	-3.2835	-1.6567	0.055
651	SLU 45	1.03	-0.09	63.69	-3.3471	-1.6863	0.0538
651	SLU 46	1.03	-0.05	63.72	-3.346	-1.687	0.0551
651	SLU 47	1.02	-0.02	63.28	-3.3215	-1.6756	0.0555
651	SLU 48	1.04	-0.1	64.41	-3.3851	-1.7052	0.0543
651	SLU 49	1.04	-0.05	64.43	-3.384	-1.7059	0.0556
651	SLU 50	1.03	-0.11	63.96	-3.3612	-1.6934	0.0538
651	SLU 51	1.03	-0.06	63.98	-3.3602	-1.6941	0.0551
651	SLU 52	1.05	0.05	68.65	-3.5987	-1.818	0.0598
651	SLU 53	1.08	-0.03	69.78	-3.6622	-1.8476	0.0585
651	SLU 54	1.08	0.01	69.81	-3.6612	-1.8483	0.0599
651	SLU 55	1.07	0.04	69.37	-3.6367	-1.8369	0.0603
651	SLU 56	1.09	-0.04	70.5	-3.7002	-1.8666	0.0591
651	SLU 57	1.09	0.01	70.52	-3.6992	-1.8673	0.0604
651	SLU 58	1.08	-0.05	70.05	-3.6764	-1.8547	0.0586
651	SLU 59	1.08	0	70.07	-3.6754	-1.8554	0.0599
651	SLU 60	1.08	-0.01	71.23	-3.7355	-1.886	0.0596
651	SLU 61	1.08	0.04	71.25	-3.7345	-1.8867	0.0609
651	SLU 62	1.09	-0.01	71.94	-3.7735	-1.9049	0.0601
651	SLU 63	1.09	0.03	71.97	-3.7725	-1.9056	0.0614
651	SLU 64	1.08	-0.01	68.5	-3.5909	-1.8141	0.0585
651	SLU 65	1.07	0.07	68.54	-3.5892	-1.8152	0.0607
651	SLU 66	1.1	-0.02	69.66	-3.6527	-1.8449	0.0595
651	SLU 67	1.1	0.03	69.69	-3.6517	-1.8456	0.0608
651	SLU 68	1.09	0.06	69.25	-3.6272	-1.8342	0.0612
651	SLU 69	1.11	-0.02	70.38	-3.6907	-1.8638	0.06
651	SLU 70	1.11	0.03	70.4	-3.6897	-1.8645	0.0613
651	SLU 71	1.1	-0.03	69.93	-3.6669	-1.8519	0.0595
651	SLU 72	1.1	0.02	69.95	-3.6659	-1.8526	0.0608
651	SLU 73	1.12	0.13	74.62	-3.9044	-1.9766	0.0654
651	SLU 74	1.15	0.04	75.75	-3.9679	-2.0062	0.0642



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
651	SLU 75	1.15	0.09	75.78	-3.9669	-2.0069	0.0656
651	SLU 76	1.14	0.12	75.34	-3.9424	-1.9955	0.066
651	SLU 77	1.16	0.04	76.47	-4.0059	-2.0252	0.0647
651	SLU 78	1.16	0.09	76.49	-4.0049	-2.0259	0.0661
651	SLU 79	1.15	0.03	76.02	-3.9821	-2.0133	0.0642
651	SLU 80	1.15	0.08	76.04	-3.9811	-2.014	0.0656
651	SLU 81	1.15	0.07	77.2	-4.0412	-2.0446	0.0653
651	SLU 82	1.15	0.12	77.22	-4.0401	-2.0453	0.0666
651	SLU 83	1.16	0.07	77.91	-4.0792	-2.0635	0.0658
651	SLU 84	1.16	0.11	77.94	-4.0781	-2.0642	0.0671
651	SLE RA 1	0.81	-0.03	51.38	-2.6951	-1.3606	0.0437
651	SLE RA 2	0.81	0.02	51.4	-2.6939	-1.3614	0.0452
651	SLE RA 3	0.83	-0.03	52.16	-2.7363	-1.3811	0.0444
651	SLE RA 4	0.83	0	52.17	-2.7356	-1.3816	0.0453
651	SLE RA 5	0.82	0.02	51.88	-2.7192	-1.374	0.0455
651	SLE RA 6	0.84	-0.03	52.63	-2.7616	-1.3937	0.0447
651	SLE RA 7	0.83	0	52.65	-2.7609	-1.3942	0.0456
651	SLE RA 8	0.83	-0.04	52.33	-2.7457	-1.3858	0.0444
651	SLE RA 9	0.83	0	52.35	-2.745	-1.3863	0.0453
651	SLE RA 10	0.84	0.06	55.46	-2.904	-1.4689	0.0484
651	SLE RA 11	0.86	0.01	56.22	-2.9464	-1.4887	0.0476
651	SLE RA 12	0.86	0.04	56.23	-2.9457	-1.4892	0.0485
651	SLE RA 13	0.85	0.06	55.94	-2.9294	-1.4816	0.0487
651	SLE RA 14	0.87	0.01	56.69	-2.9717	-1.5013	0.0479
651	SLE RA 15	0.87	0.04	56.71	-2.971	-1.5018	0.0488
651	SLE RA 16	0.86	0	56.39	-2.9558	-1.4934	0.0476
651	SLE RA 17	0.86	0.04	56.41	-2.9552	-1.4939	0.0485
651	SLE RA 18	0.86	0.03	57.18	-2.9952	-1.5142	0.0483
651	SLE RA 19	0.86	0.06	57.19	-2.9945	-1.5147	0.0491
651	SLE RA 20	0.87	0.02	57.66	-3.0206	-1.5269	0.0486
651	SLE RA 21	0.87	0.06	57.67	-3.0199	-1.5273	0.0495
651	SLE FR 1	0.81	-0.03	51.38	-2.6951	-1.3606	0.0437
651	SLE FR 2	0.81	-0.02	51.38	-2.6948	-1.3607	0.044
651	SLE FR 3	0.82	-0.03	51.57	-2.7052	-1.3656	0.0439
651	SLE FR 4	0.83	0	53.12	-2.7849	-1.4068	0.0454
651	SLE FR 5	0.83	-0.01	53.31	-2.7952	-1.4117	0.0452
651	SLE FR 6	0.84	0	54.28	-2.8451	-1.4374	0.046
651	SLE QP 1	0.81	-0.03	51.38	-2.6951	-1.3606	0.0437
651	SLE QP 2	0.83	-0.01	53.12	-2.7851	-1.4067	0.0451
651	SLD 1	4.65	0.69	48.51	-2.5102	-1.2793	0.244
651	SLD 2	4.66	1.11	48.5	-2.5189	-1.2786	0.2603
651	SLD 3	4.68	-0.66	48.68	-2.5556	-1.2741	0.2068
651	SLD 4	4.69	-0.24	48.67	-2.5643	-1.2733	0.223
651	SLD 5	1.93	2.17	51.48	-2.6321	-1.3766	0.1584
651	SLD 6	1.93	2.44	51.47	-2.6379	-1.3761	0.1691
651	SLD 7	2.03	-2.32	52.05	-2.7836	-1.3591	0.0341
651	SLD 8	2.04	-2.05	52.04	-2.7894	-1.3586	0.0448
651	SLD 9	-0.38	2.02	54.2	-2.7809	-1.4548	0.0453
651	SLD 10	-0.37	2.3	54.19	-2.7866	-1.4543	0.056
651	SLD 11	-0.28	-2.47	54.77	-2.9324	-1.4373	-0.0789
651	SLD 12	-0.27	-2.19	54.76	-2.9381	-1.4368	-0.0682
651	SLD 13	-3.04	0.21	57.57	-3.0059	-1.5401	-0.1328
651	SLD 14	-3.02	0.63	57.55	-3.0146	-1.5393	-0.1166
651	SLD 15	-3	-1.13	57.74	-3.0513	-1.5348	-0.1701
651	SLD 16	-2.99	-0.71	57.72	-3.06	-1.5341	-0.1539
651	SLV 1	9.77	1.59	42.34	-2.1431	-1.1085	0.5093
651	SLV 2	9.8	2.56	42.3	-2.1633	-1.1068	0.5471
651	SLV 3	9.84	-1.47	42.74	-2.2471	-1.0964	0.4248
651	SLV 4	9.87	-0.49	42.7	-2.2673	-1.0946	0.4626
651	SLV 5	3.4	4.93	49.29	-2.4313	-1.336	0.3059
651	SLV 6	3.42	5.56	49.26	-2.4443	-1.3348	0.3304
651	SLV 7	3.63	-5.25	50.62	-2.778	-1.2955	0.0243
651	SLV 8	3.65	-4.62	50.59	-2.791	-1.2943	0.0487
651	SLV 9	-1.99	4.59	55.65	-2.7792	-1.5191	0.0414
651	SLV 10	-1.98	5.22	55.62	-2.7923	-1.5179	0.0659
651	SLV 11	-1.76	-5.58	56.98	-3.1259	-1.4785	-0.2402
651	SLV 12	-1.74	-4.95	56.95	-3.139	-1.4774	-0.2158
651	SLV 13	-8.21	0.47	63.54	-3.3029	-1.7188	-0.3724
651	SLV 14	-8.19	1.44	63.5	-3.3231	-1.717	-0.3346
651	SLV 15	-8.14	-2.59	63.94	-3.4069	-1.7066	-0.4569
651	SLV 16	-8.12	-1.61	63.9	-3.4271	-1.7048	-0.4191
651	CRTFP Ux+	0	0	0	0	0	0
651	CRTFP Ux-	0	0	0	0	0	0
651	CRTFP Uy+	0	0	0	0	0	0
651	CRTFP Uy-	0	0	0	0	0	0
652	SLU 1	1	-0.03	60.87	-0.2027	-0.0355	0.0082
652	SLU 2	0.99	0.07	60.92	-0.1985	-0.0355	0.009
652	SLU 3	1.03	-0.03	62.3	-0.2082	-0.0363	0.0083
652	SLU 4	1.02	0.03	62.33	-0.2057	-0.0363	0.0087
652	SLU 5	1.01	0.07	61.8	-0.202	-0.0361	0.009
652	SLU 6	1.04	-0.03	63.18	-0.2116	-0.0368	0.0084
652	SLU 7	1.04	0.03	63.21	-0.2091	-0.0369	0.0088
652	SLU 8	1.03	-0.04	62.63	-0.2096	-0.0365	0.0084
652	SLU 9	1.03	0.02	62.66	-0.2071	-0.0366	0.0088
652	SLU 10	1.05	0.15	68.38	-0.2179	-0.0396	0.0103
652	SLU 11	1.09	0.05	69.76	-0.2276	-0.0403	0.0096
652	SLU 12	1.08	0.11	69.79	-0.2251	-0.0404	0.01
652	SLU 13	1.07	0.14	69.26	-0.2214	-0.0401	0.0103
652	SLU 14	1.1	0.04	70.64	-0.231	-0.0409	0.0097



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
652	SLU 15	1.1	0.1	70.66	-0.2285	-0.0409	0.0101
652	SLU 16	1.09	0.04	70.09	-0.229	-0.0406	0.0097
652	SLU 17	1.09	0.1	70.11	-0.2265	-0.0406	0.0101
652	SLU 18	1.09	0.08	71.53	-0.2304	-0.0413	0.0101
652	SLU 19	1.08	0.14	71.56	-0.2279	-0.0413	0.0105
652	SLU 20	1.1	0.08	72.4	-0.2339	-0.0418	0.0102
652	SLU 21	1.1	0.14	72.43	-0.2314	-0.0418	0.0106
652	SLU 22	1.09	0.07	68.2	-0.218	-0.0397	0.0087
652	SLU 23	1.08	0.17	68.24	-0.2138	-0.0398	0.0094
652	SLU 24	1.11	0.07	69.62	-0.2235	-0.0405	0.0087
652	SLU 25	1.11	0.13	69.65	-0.221	-0.0406	0.0092
652	SLU 26	1.1	0.16	69.12	-0.2173	-0.0403	0.0095
652	SLU 27	1.13	0.06	70.5	-0.2269	-0.0411	0.0088
652	SLU 28	1.13	0.12	70.53	-0.2244	-0.0411	0.0092
652	SLU 29	1.12	0.06	69.95	-0.2249	-0.0408	0.0088
652	SLU 30	1.12	0.12	69.98	-0.2224	-0.0408	0.0093
652	SLU 31	1.14	0.25	75.7	-0.2332	-0.0438	0.0107
652	SLU 32	1.18	0.15	77.08	-0.2429	-0.0446	0.01
652	SLU 33	1.17	0.21	77.11	-0.2404	-0.0446	0.0105
652	SLU 34	1.16	0.24	76.58	-0.2367	-0.0443	0.0108
652	SLU 35	1.19	0.14	77.96	-0.2463	-0.0451	0.0101
652	SLU 36	1.19	0.2	77.99	-0.2438	-0.0452	0.0105
652	SLU 37	1.18	0.13	77.41	-0.2443	-0.0448	0.0101
652	SLU 38	1.18	0.19	77.44	-0.2418	-0.0449	0.0106
652	SLU 39	1.18	0.18	78.85	-0.2457	-0.0455	0.0105
652	SLU 40	1.17	0.24	78.88	-0.2432	-0.0455	0.011
652	SLU 41	1.19	0.18	79.73	-0.2492	-0.046	0.0106
652	SLU 42	1.19	0.23	79.75	-0.2466	-0.0461	0.011
652	SLU 43	1.27	-0.07	76.63	-0.2583	-0.0447	0.0105
652	SLU 44	1.26	0.03	76.67	-0.2541	-0.0447	0.0113
652	SLU 45	1.3	-0.07	78.05	-0.2638	-0.0455	0.0106
652	SLU 46	1.29	-0.01	78.08	-0.2612	-0.0455	0.011
652	SLU 47	1.28	0.02	77.55	-0.2575	-0.0452	0.0114
652	SLU 48	1.31	-0.08	78.93	-0.2672	-0.046	0.0107
652	SLU 49	1.31	-0.02	78.96	-0.2647	-0.046	0.0111
652	SLU 50	1.3	-0.08	78.38	-0.2651	-0.0457	0.0107
652	SLU 51	1.3	-0.02	78.41	-0.2626	-0.0457	0.0111
652	SLU 52	1.32	0.11	84.13	-0.2735	-0.0488	0.0126
652	SLU 53	1.36	0.01	85.51	-0.2832	-0.0495	0.0119
652	SLU 54	1.35	0.07	85.54	-0.2806	-0.0496	0.0123
652	SLU 55	1.34	0.1	85.01	-0.2769	-0.0493	0.0127
652	SLU 56	1.37	0	86.39	-0.2866	-0.0501	0.012
652	SLU 57	1.37	0.06	86.42	-0.2841	-0.0501	0.0124
652	SLU 58	1.36	0	85.84	-0.2845	-0.0498	0.012
652	SLU 59	1.36	0.06	85.87	-0.282	-0.0498	0.0124
652	SLU 60	1.36	0.04	87.28	-0.286	-0.0504	0.0124
652	SLU 61	1.35	0.1	87.31	-0.2835	-0.0505	0.0128
652	SLU 62	1.37	0.04	88.16	-0.2894	-0.051	0.0125
652	SLU 63	1.37	0.1	88.18	-0.2869	-0.051	0.0129
652	SLU 64	1.36	0.03	83.95	-0.2736	-0.0489	0.011
652	SLU 65	1.35	0.13	83.99	-0.2694	-0.049	0.0117
652	SLU 66	1.38	0.03	85.37	-0.279	-0.0497	0.011
652	SLU 67	1.38	0.09	85.4	-0.2765	-0.0498	0.0115
652	SLU 68	1.37	0.12	84.87	-0.2728	-0.0495	0.0118
652	SLU 69	1.4	0.02	86.25	-0.2825	-0.0503	0.0111
652	SLU 70	1.4	0.08	86.28	-0.28	-0.0503	0.0116
652	SLU 71	1.39	0.01	85.7	-0.2804	-0.05	0.0111
652	SLU 72	1.39	0.07	85.73	-0.2779	-0.05	0.0116
652	SLU 73	1.41	0.21	91.45	-0.2888	-0.053	0.013
652	SLU 74	1.45	0.11	92.83	-0.2984	-0.0538	0.0123
652	SLU 75	1.44	0.17	92.86	-0.2959	-0.0538	0.0128
652	SLU 76	1.43	0.2	92.33	-0.2922	-0.0535	0.0131
652	SLU 77	1.46	0.1	93.71	-0.3019	-0.0543	0.0124
652	SLU 78	1.46	0.16	93.74	-0.2994	-0.0543	0.0129
652	SLU 79	1.45	0.09	93.16	-0.2998	-0.054	0.0124
652	SLU 80	1.45	0.15	93.19	-0.2973	-0.054	0.0129
652	SLU 81	1.45	0.14	94.6	-0.3013	-0.0547	0.0128
652	SLU 82	1.44	0.2	94.63	-0.2988	-0.0547	0.0133
652	SLU 83	1.46	0.13	95.48	-0.3047	-0.0552	0.0129
652	SLU 84	1.46	0.19	95.51	-0.3022	-0.0553	0.0134
652	SLE RA 1	1.03	0	62.97	-0.2071	-0.0367	0.0083
652	SLE RA 2	1.02	0.07	63	-0.2043	-0.0367	0.0088
652	SLE RA 3	1.04	0	63.92	-0.2107	-0.0372	0.0084
652	SLE RA 4	1.04	0.04	63.94	-0.2091	-0.0373	0.0087
652	SLE RA 5	1.03	0.06	63.58	-0.2066	-0.0371	0.0089
652	SLE RA 6	1.05	0	64.5	-0.213	-0.0376	0.0084
652	SLE RA 7	1.05	0.04	64.52	-0.2113	-0.0376	0.0087
652	SLE RA 8	1.05	-0.01	64.14	-0.2117	-0.0374	0.0084
652	SLE RA 9	1.04	0.03	64.15	-0.21	-0.0374	0.0087
652	SLE RA 10	1.06	0.12	67.97	-0.2172	-0.0394	0.0097
652	SLE RA 11	1.08	0.05	68.89	-0.2237	-0.0399	0.0093
652	SLE RA 12	1.08	0.09	68.91	-0.222	-0.04	0.0096
652	SLE RA 13	1.07	0.11	68.55	-0.2195	-0.0398	0.0098
652	SLE RA 14	1.09	0.05	69.47	-0.226	-0.0403	0.0093
652	SLE RA 15	1.09	0.09	69.49	-0.2243	-0.0403	0.0096
652	SLE RA 16	1.09	0.04	69.11	-0.2246	-0.0401	0.0093
652	SLE RA 17	1.08	0.08	69.13	-0.2229	-0.0401	0.0096
652	SLE RA 18	1.08	0.08	70.07	-0.2256	-0.0405	0.0096
652	SLE RA 19	1.08	0.12	70.09	-0.2239	-0.0406	0.0099



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
652	SLE RA 20	1.09	0.07	70.65	-0.2278	-0.0409	0.0096
652	SLE RA 21	1.09	0.11	70.67	-0.2262	-0.0409	0.0099
652	SLE FR 1	1.03	0	62.97	-0.2071	-0.0367	0.0083
652	SLE FR 2	1.02	0.01	62.97	-0.2065	-0.0367	0.0084
652	SLE FR 3	1.03	0	63.2	-0.208	-0.0368	0.0084
652	SLE FR 4	1.04	0.04	65.1	-0.2121	-0.0379	0.0088
652	SLE FR 5	1.05	0.02	65.33	-0.2135	-0.038	0.0087
652	SLE FR 6	1.05	0.04	66.52	-0.2163	-0.0386	0.009
652	SLE QP 1	1.03	0	62.97	-0.2071	-0.0367	0.0083
652	SLE QP 2	1.04	0.02	65.1	-0.2126	-0.0378	0.0087
652	SLD 1	5.66	0.83	59.03	-0.1381	-0.0087	-0.003
652	SLD 2	5.66	1.36	59.01	-0.1504	-0.009	0.0033
652	SLD 3	5.69	-0.81	58.8	-0.1829	-0.0074	-0.0063
652	SLD 4	5.7	-0.27	58.78	-0.1953	-0.0076	0
652	SLD 5	2.37	2.65	63.62	-0.12	-0.0311	0.0091
652	SLD 6	2.38	3	63.61	-0.1282	-0.0312	0.0132
652	SLD 7	2.49	-2.8	62.87	-0.2695	-0.0267	-0.0019
652	SLD 8	2.5	-2.45	62.86	-0.2776	-0.0268	0.0022
652	SLD 9	-0.41	2.49	67.34	-0.1476	-0.0489	0.0152
652	SLD 10	-0.41	2.85	67.32	-0.1557	-0.049	0.0194
652	SLD 11	-0.29	-2.95	66.58	-0.2971	-0.0445	0.0042
652	SLD 12	-0.28	-2.6	66.57	-0.3052	-0.0446	0.0084
652	SLD 13	-3.61	0.32	71.41	-0.23	-0.0681	0.0175
652	SLD 14	-3.61	0.85	71.39	-0.2423	-0.0683	0.0238
652	SLD 15	-3.58	-1.31	71.18	-0.2748	-0.0667	0.0142
652	SLD 16	-3.57	-0.78	71.17	-0.2872	-0.067	0.0205
652	SLV 1	11.84	1.85	50.89	-0.038	0.0303	-0.0188
652	SLV 2	11.86	3.09	50.85	-0.0668	0.0298	-0.0042
652	SLV 3	11.92	-1.86	50.37	-0.1404	0.0333	-0.0263
652	SLV 4	11.94	-0.61	50.32	-0.1692	0.0328	-0.0117
652	SLV 5	4.15	5.97	61.64	0	-0.0219	0.0093
652	SLV 6	4.16	6.78	61.61	-0.0186	-0.0222	0.0187
652	SLV 7	4.43	-6.38	59.89	-0.3412	-0.0119	-0.0157
652	SLV 8	4.44	-5.57	59.86	-0.3598	-0.0122	-0.0062
652	SLV 9	-2.36	5.62	70.33	-0.0654	-0.0635	0.0237
652	SLV 10	-2.34	6.42	70.31	-0.084	-0.0638	0.0331
652	SLV 11	-2.08	-6.73	68.58	-0.4066	-0.0535	-0.0013
652	SLV 12	-2.07	-5.93	68.55	-0.4253	-0.0538	0.0082
652	SLV 13	-9.85	0.66	79.87	-0.2561	-0.1085	0.0291
652	SLV 14	-9.83	1.91	79.83	-0.2849	-0.109	0.0438
652	SLV 15	-9.77	-3.04	79.34	-0.3584	-0.1055	0.0217
652	SLV 16	-9.75	-1.8	79.3	-0.3872	-0.106	0.0363
652	CRTFP Ux+	0	0	0	0	0	0
652	CRTFP Ux-	0	0	0	0	0	0
652	CRTFP Uy+	0	0	0	0	0	0
652	CRTFP Uy-	0	0	0	0	0	0
653	SLU 1	1.05	0.02	61.96	-0.1865	-0.0322	0.0099
653	SLU 2	1.04	0.12	62.01	-0.1823	-0.0322	0.011
653	SLU 3	1.07	0.02	63.42	-0.1916	-0.0329	0.01
653	SLU 4	1.07	0.08	63.45	-0.1891	-0.0329	0.0106
653	SLU 5	1.06	0.12	62.91	-0.1855	-0.0327	0.0111
653	SLU 6	1.09	0.01	64.31	-0.1948	-0.0334	0.0101
653	SLU 7	1.09	0.08	64.34	-0.1923	-0.0334	0.0107
653	SLU 8	1.08	0.01	63.75	-0.1929	-0.0331	0.0101
653	SLU 9	1.08	0.07	63.78	-0.1904	-0.0332	0.0107
653	SLU 10	1.1	0.21	69.59	-0.1999	-0.0356	0.0125
653	SLU 11	1.14	0.11	70.99	-0.2091	-0.0364	0.0116
653	SLU 12	1.13	0.17	71.02	-0.2066	-0.0364	0.0122
653	SLU 13	1.12	0.2	70.48	-0.2031	-0.0361	0.0126
653	SLU 14	1.15	0.1	71.89	-0.2123	-0.0368	0.0117
653	SLU 15	1.15	0.16	71.92	-0.2098	-0.0368	0.0123
653	SLU 16	1.14	0.09	71.33	-0.2105	-0.0366	0.0117
653	SLU 17	1.14	0.16	71.36	-0.2079	-0.0366	0.0123
653	SLU 18	1.14	0.14	72.79	-0.2116	-0.037	0.0122
653	SLU 19	1.13	0.2	72.82	-0.2091	-0.037	0.0128
653	SLU 20	1.15	0.14	73.68	-0.2148	-0.0375	0.0123
653	SLU 21	1.15	0.2	73.71	-0.2123	-0.0375	0.0129
653	SLU 22	1.14	0.12	69.41	-0.2001	-0.0358	0.0106
653	SLU 23	1.13	0.22	69.46	-0.1959	-0.0358	0.0116
653	SLU 24	1.16	0.12	70.87	-0.2052	-0.0365	0.0106
653	SLU 25	1.16	0.18	70.89	-0.2027	-0.0365	0.0113
653	SLU 26	1.15	0.22	70.35	-0.1991	-0.0363	0.0117
653	SLU 27	1.18	0.11	71.76	-0.2084	-0.037	0.0107
653	SLU 28	1.18	0.18	71.79	-0.2059	-0.037	0.0114
653	SLU 29	1.17	0.11	71.2	-0.2065	-0.0367	0.0107
653	SLU 30	1.17	0.17	71.23	-0.204	-0.0367	0.0114
653	SLU 31	1.19	0.31	77.04	-0.2135	-0.0392	0.0132
653	SLU 32	1.23	0.2	78.44	-0.2227	-0.0399	0.0122
653	SLU 33	1.22	0.27	78.47	-0.2202	-0.0399	0.0128
653	SLU 34	1.21	0.3	77.93	-0.2167	-0.0397	0.0132
653	SLU 35	1.25	0.2	79.34	-0.2259	-0.0404	0.0123
653	SLU 36	1.24	0.26	79.37	-0.2234	-0.0404	0.0129
653	SLU 37	1.24	0.19	78.78	-0.2241	-0.0402	0.0123
653	SLU 38	1.23	0.26	78.81	-0.2216	-0.0402	0.0129
653	SLU 39	1.23	0.24	80.24	-0.2252	-0.0406	0.0128
653	SLU 40	1.22	0.3	80.27	-0.2227	-0.0406	0.0134
653	SLU 41	1.25	0.24	81.13	-0.2284	-0.0411	0.0129
653	SLU 42	1.24	0.3	81.16	-0.2259	-0.0411	0.0135
653	SLU 43	1.33	-0.01	78	-0.2378	-0.0406	0.0127



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
653	SLU 44	1.32	0.1	78.05	-0.2336	-0.0406	0.0137
653	SLU 45	1.36	-0.01	79.45	-0.2429	-0.0414	0.0128
653	SLU 46	1.35	0.05	79.48	-0.2404	-0.0414	0.0134
653	SLU 47	1.34	0.09	78.94	-0.2368	-0.0411	0.0138
653	SLU 48	1.37	-0.01	80.35	-0.246	-0.0419	0.0129
653	SLU 49	1.37	0.05	80.37	-0.2435	-0.0419	0.0135
653	SLU 50	1.36	-0.02	79.79	-0.2442	-0.0416	0.0129
653	SLU 51	1.36	0.04	79.82	-0.2417	-0.0416	0.0135
653	SLU 52	1.38	0.18	85.62	-0.2512	-0.044	0.0153
653	SLU 53	1.42	0.08	87.03	-0.2604	-0.0448	0.0144
653	SLU 54	1.41	0.14	87.06	-0.2579	-0.0448	0.015
653	SLU 55	1.4	0.18	86.52	-0.2544	-0.0445	0.0154
653	SLU 56	1.44	0.07	87.92	-0.2636	-0.0453	0.0145
653	SLU 57	1.43	0.13	87.95	-0.2611	-0.0453	0.0151
653	SLU 58	1.43	0.06	87.36	-0.2617	-0.045	0.0145
653	SLU 59	1.42	0.13	87.39	-0.2592	-0.045	0.0151
653	SLU 60	1.42	0.11	88.82	-0.2629	-0.0454	0.015
653	SLU 61	1.41	0.18	88.85	-0.2604	-0.0455	0.0156
653	SLU 62	1.44	0.11	89.72	-0.2661	-0.0459	0.015
653	SLU 63	1.43	0.17	89.75	-0.2636	-0.0459	0.0157
653	SLU 64	1.42	0.09	85.45	-0.2514	-0.0442	0.0133
653	SLU 65	1.41	0.2	85.5	-0.2472	-0.0442	0.0144
653	SLU 66	1.45	0.09	86.9	-0.2565	-0.045	0.0134
653	SLU 67	1.44	0.15	86.93	-0.254	-0.045	0.014
653	SLU 68	1.43	0.19	86.39	-0.2504	-0.0447	0.0145
653	SLU 69	1.46	0.08	87.79	-0.2597	-0.0454	0.0135
653	SLU 70	1.46	0.15	87.82	-0.2572	-0.0455	0.0141
653	SLU 71	1.45	0.08	87.24	-0.2578	-0.0452	0.0135
653	SLU 72	1.45	0.14	87.26	-0.2553	-0.0452	0.0141
653	SLU 73	1.48	0.28	93.07	-0.2648	-0.0476	0.0159
653	SLU 74	1.51	0.18	94.48	-0.274	-0.0484	0.015
653	SLU 75	1.51	0.24	94.51	-0.2715	-0.0484	0.0156
653	SLU 76	1.49	0.27	93.97	-0.268	-0.0481	0.016
653	SLU 77	1.53	0.17	95.37	-0.2772	-0.0489	0.0151
653	SLU 78	1.52	0.23	95.4	-0.2747	-0.0489	0.0157
653	SLU 79	1.52	0.16	94.81	-0.2754	-0.0486	0.0151
653	SLU 80	1.51	0.23	94.84	-0.2728	-0.0486	0.0157
653	SLU 81	1.51	0.21	96.27	-0.2765	-0.049	0.0156
653	SLU 82	1.51	0.28	96.3	-0.274	-0.049	0.0162
653	SLU 83	1.53	0.21	97.17	-0.2797	-0.0495	0.0157
653	SLU 84	1.52	0.27	97.2	-0.2772	-0.0495	0.0163
653	SLE RA 1	1.07	0.05	64.09	-0.1904	-0.0332	0.0101
653	SLE RA 2	1.07	0.12	64.12	-0.1876	-0.0332	0.0108
653	SLE RA 3	1.09	0.05	65.06	-0.1938	-0.0337	0.0102
653	SLE RA 4	1.09	0.09	65.08	-0.1921	-0.0337	0.0106
653	SLE RA 5	1.08	0.11	64.72	-0.1897	-0.0335	0.0109
653	SLE RA 6	1.1	0.04	65.66	-0.1959	-0.034	0.0102
653	SLE RA 7	1.1	0.09	65.68	-0.1942	-0.034	0.0106
653	SLE RA 8	1.09	0.04	65.28	-0.1947	-0.0338	0.0102
653	SLE RA 9	1.09	0.08	65.3	-0.193	-0.0338	0.0106
653	SLE RA 10	1.11	0.17	69.18	-0.1993	-0.0355	0.0119
653	SLE RA 11	1.13	0.11	70.11	-0.2055	-0.036	0.0112
653	SLE RA 12	1.13	0.15	70.13	-0.2038	-0.036	0.0116
653	SLE RA 13	1.12	0.17	69.77	-0.2014	-0.0358	0.0119
653	SLE RA 14	1.14	0.1	70.71	-0.2076	-0.0363	0.0113
653	SLE RA 15	1.14	0.14	70.73	-0.2059	-0.0363	0.0117
653	SLE RA 16	1.14	0.1	70.34	-0.2064	-0.0361	0.0113
653	SLE RA 17	1.13	0.14	70.35	-0.2047	-0.0361	0.0117
653	SLE RA 18	1.13	0.13	71.31	-0.2071	-0.0364	0.0116
653	SLE RA 19	1.13	0.17	71.33	-0.2055	-0.0364	0.012
653	SLE RA 20	1.14	0.13	71.9	-0.2092	-0.0368	0.0117
653	SLE RA 21	1.14	0.17	71.92	-0.2076	-0.0368	0.0121
653	SLE FR 1	1.07	0.05	64.09	-0.1904	-0.0332	0.0101
653	SLE FR 2	1.07	0.06	64.1	-0.1898	-0.0332	0.0103
653	SLE FR 3	1.08	0.05	64.33	-0.1913	-0.0333	0.0101
653	SLE FR 4	1.09	0.09	66.26	-0.1949	-0.0342	0.0107
653	SLE FR 5	1.09	0.07	66.5	-0.1963	-0.0343	0.0106
653	SLE FR 6	1.1	0.09	67.7	-0.1988	-0.0348	0.0109
653	SLE QP 1	1.07	0.05	64.09	-0.1904	-0.0332	0.0101
653	SLE QP 2	1.09	0.07	66.26	-0.1954	-0.0342	0.0106
653	SLD 1	5.7	0.83	59.13	-0.1254	0.002	-0.0012
653	SLD 2	5.71	1.4	59.12	-0.1384	0.0018	0.0055
653	SLD 3	5.74	-0.82	58.88	-0.1652	0.0026	-0.0066
653	SLD 4	5.74	-0.26	58.87	-0.1782	0.0024	0.0001
653	SLD 5	2.42	2.71	64.5	-0.1117	-0.0241	0.014
653	SLD 6	2.42	3.08	64.49	-0.1203	-0.0243	0.0185
653	SLD 7	2.54	-2.81	63.67	-0.2444	-0.0222	-0.004
653	SLD 8	2.54	-2.43	63.66	-0.2529	-0.0224	0.0004
653	SLD 9	-0.36	2.58	68.85	-0.1379	-0.046	0.0207
653	SLD 10	-0.36	2.95	68.84	-0.1464	-0.0461	0.0251
653	SLD 11	-0.24	-2.94	68.03	-0.2706	-0.0441	0.0027
653	SLD 12	-0.24	-2.56	68.02	-0.2791	-0.0442	0.0071
653	SLD 13	-3.56	0.4	73.64	-0.2127	-0.0707	0.021
653	SLD 14	-3.56	0.97	73.63	-0.2256	-0.0709	0.0278
653	SLD 15	-3.53	-1.25	73.4	-0.2525	-0.0702	0.0156
653	SLD 16	-3.52	-0.69	73.38	-0.2655	-0.0704	0.0224
653	SLV 1	11.88	1.79	49.58	-0.0313	0.0506	-0.0172
653	SLV 2	11.89	3.11	49.55	-0.0616	0.0501	-0.0015
653	SLV 3	11.96	-1.96	49	-0.1223	0.0519	-0.0295



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
653	SLV 4	11.98	-0.64	48.97	-0.1525	0.0514	-0.0137
653	SLV 5	4.2	6.05	62.13	-0.003	-0.0106	0.0181
653	SLV 6	4.21	6.91	62.12	-0.0225	-0.011	0.0283
653	SLV 7	4.47	-6.46	60.21	-0.3062	-0.0063	-0.0228
653	SLV 8	4.49	-5.6	60.19	-0.3258	-0.0066	-0.0126
653	SLV 9	-2.31	5.75	72.32	-0.0651	-0.0617	0.0337
653	SLV 10	-2.29	6.6	72.31	-0.0846	-0.0621	0.0439
653	SLV 11	-2.03	-6.76	70.4	-0.3683	-0.0574	-0.0072
653	SLV 12	-2.02	-5.91	70.38	-0.3879	-0.0577	0.003
653	SLV 13	-9.8	0.78	83.54	-0.2383	-0.1197	0.0349
653	SLV 14	-9.78	2.1	83.52	-0.2685	-0.1202	0.0506
653	SLV 15	-9.71	-2.97	82.97	-0.3293	-0.1184	0.0226
653	SLV 16	-9.7	-1.65	82.94	-0.3595	-0.1189	0.0383
653	CRTFP Ux+	0	0	0	0	0	0
653	CRTFP Ux-	0	0	0	0	0	0
653	CRTFP Uy+	0	0	0	0	0	0
653	CRTFP Uy-	0	0	0	0	0	0
654	SLU 1	1.09	0.08	62.94	-0.1708	-0.0285	0.0115
654	SLU 2	1.08	0.19	62.98	-0.1666	-0.0284	0.0128
654	SLU 3	1.12	0.08	64.41	-0.1755	-0.0292	0.0116
654	SLU 4	1.11	0.14	64.44	-0.173	-0.0292	0.0124
654	SLU 5	1.1	0.18	63.89	-0.1696	-0.0289	0.0129
654	SLU 6	1.13	0.07	65.32	-0.1784	-0.0296	0.0117
654	SLU 7	1.13	0.14	65.35	-0.1759	-0.0296	0.0125
654	SLU 8	1.12	0.06	64.76	-0.1767	-0.0294	0.0117
654	SLU 9	1.12	0.13	64.78	-0.1742	-0.0294	0.0124
654	SLU 10	1.14	0.28	70.66	-0.1824	-0.0311	0.0146
654	SLU 11	1.18	0.17	72.09	-0.1912	-0.0319	0.0134
654	SLU 12	1.18	0.24	72.12	-0.1887	-0.0319	0.0142
654	SLU 13	1.16	0.27	71.57	-0.1854	-0.0316	0.0147
654	SLU 14	1.2	0.16	73	-0.1942	-0.0323	0.0135
654	SLU 15	1.19	0.23	73.03	-0.1917	-0.0323	0.0143
654	SLU 16	1.19	0.16	72.43	-0.1925	-0.0321	0.0135
654	SLU 17	1.18	0.22	72.46	-0.19	-0.032	0.0143
654	SLU 18	1.18	0.21	73.9	-0.1933	-0.0323	0.0141
654	SLU 19	1.18	0.28	73.93	-0.1908	-0.0323	0.0149
654	SLU 20	1.2	0.2	74.81	-0.1963	-0.0328	0.0142
654	SLU 21	1.19	0.27	74.84	-0.1938	-0.0327	0.015
654	SLU 22	1.18	0.18	70.49	-0.1828	-0.0314	0.0123
654	SLU 23	1.17	0.29	70.54	-0.1786	-0.0313	0.0136
654	SLU 24	1.21	0.18	71.97	-0.1874	-0.0321	0.0124
654	SLU 25	1.21	0.24	72	-0.1849	-0.0321	0.0132
654	SLU 26	1.19	0.28	71.45	-0.1816	-0.0318	0.0137
654	SLU 27	1.23	0.17	72.88	-0.1904	-0.0326	0.0125
654	SLU 28	1.22	0.24	72.9	-0.1879	-0.0325	0.0133
654	SLU 29	1.22	0.17	72.31	-0.1887	-0.0323	0.0125
654	SLU 30	1.21	0.23	72.34	-0.1862	-0.0323	0.0133
654	SLU 31	1.24	0.38	78.21	-0.1944	-0.034	0.0154
654	SLU 32	1.28	0.27	79.64	-0.2032	-0.0348	0.0142
654	SLU 33	1.27	0.34	79.67	-0.2007	-0.0348	0.015
654	SLU 34	1.26	0.38	79.12	-0.1973	-0.0345	0.0155
654	SLU 35	1.29	0.27	80.55	-0.2062	-0.0353	0.0143
654	SLU 36	1.29	0.33	80.58	-0.2037	-0.0352	0.0151
654	SLU 37	1.28	0.26	79.98	-0.2045	-0.035	0.0143
654	SLU 38	1.28	0.33	80.01	-0.202	-0.035	0.0151
654	SLU 39	1.28	0.31	81.46	-0.2053	-0.0352	0.0149
654	SLU 40	1.27	0.38	81.48	-0.2028	-0.0352	0.0157
654	SLU 41	1.29	0.31	82.36	-0.2083	-0.0357	0.015
654	SLU 42	1.29	0.37	82.39	-0.2058	-0.0357	0.0158
654	SLU 43	1.38	0.06	79.23	-0.2179	-0.036	0.0146
654	SLU 44	1.37	0.17	79.28	-0.2138	-0.036	0.0159
654	SLU 45	1.41	0.06	80.71	-0.2226	-0.0367	0.0147
654	SLU 46	1.4	0.13	80.73	-0.2201	-0.0367	0.0155
654	SLU 47	1.39	0.17	80.19	-0.2167	-0.0364	0.016
654	SLU 48	1.43	0.06	81.62	-0.2256	-0.0372	0.0148
654	SLU 49	1.42	0.12	81.64	-0.2231	-0.0372	0.0156
654	SLU 50	1.42	0.05	81.05	-0.2239	-0.0369	0.0148
654	SLU 51	1.41	0.12	81.08	-0.2214	-0.0369	0.0156
654	SLU 52	1.44	0.27	86.95	-0.2295	-0.0387	0.0178
654	SLU 53	1.48	0.16	88.38	-0.2384	-0.0394	0.0166
654	SLU 54	1.47	0.22	88.41	-0.2358	-0.0394	0.0173
654	SLU 55	1.46	0.26	87.86	-0.2325	-0.0391	0.0178
654	SLU 56	1.49	0.15	89.29	-0.2413	-0.0399	0.0167
654	SLU 57	1.49	0.22	89.32	-0.2388	-0.0399	0.0174
654	SLU 58	1.48	0.15	88.72	-0.2396	-0.0396	0.0166
654	SLU 59	1.48	0.21	88.75	-0.2371	-0.0396	0.0174
654	SLU 60	1.47	0.2	90.19	-0.2405	-0.0399	0.0172
654	SLU 61	1.47	0.26	90.22	-0.2379	-0.0398	0.018
654	SLU 62	1.49	0.19	91.1	-0.2434	-0.0403	0.0173
654	SLU 63	1.49	0.26	91.13	-0.2409	-0.0403	0.0181
654	SLU 64	1.48	0.17	86.78	-0.2299	-0.0389	0.0155
654	SLU 65	1.47	0.28	86.83	-0.2257	-0.0389	0.0168
654	SLU 66	1.5	0.17	88.26	-0.2346	-0.0396	0.0156
654	SLU 67	1.5	0.23	88.29	-0.2321	-0.0396	0.0163
654	SLU 68	1.49	0.27	87.74	-0.2287	-0.0393	0.0168
654	SLU 69	1.52	0.16	89.17	-0.2375	-0.0401	0.0157
654	SLU 70	1.52	0.23	89.2	-0.235	-0.0401	0.0164
654	SLU 71	1.51	0.15	88.6	-0.2358	-0.0398	0.0156
654	SLU 72	1.51	0.22	88.63	-0.2333	-0.0398	0.0164



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
654	SLU 73	1.53	0.37	94.51	-0.2415	-0.0416	0.0186
654	SLU 74	1.57	0.26	95.94	-0.2503	-0.0423	0.0174
654	SLU 75	1.56	0.33	95.96	-0.2478	-0.0423	0.0182
654	SLU 76	1.55	0.36	95.41	-0.2445	-0.042	0.0187
654	SLU 77	1.59	0.25	96.84	-0.2533	-0.0428	0.0175
654	SLU 78	1.58	0.32	96.87	-0.2508	-0.0428	0.0183
654	SLU 79	1.58	0.25	96.28	-0.2516	-0.0425	0.0175
654	SLU 80	1.57	0.31	96.3	-0.2491	-0.0425	0.0183
654	SLU 81	1.57	0.3	97.75	-0.2524	-0.0428	0.0181
654	SLU 82	1.56	0.37	97.78	-0.2499	-0.0427	0.0188
654	SLU 83	1.59	0.29	98.66	-0.2554	-0.0432	0.0182
654	SLU 84	1.58	0.36	98.69	-0.2529	-0.0432	0.0189
654	SLE RA 1	1.11	0.1	65.1	-0.1742	-0.0293	0.0117
654	SLE RA 2	1.11	0.18	65.13	-0.1714	-0.0293	0.0126
654	SLE RA 3	1.13	0.1	66.08	-0.1773	-0.0298	0.0118
654	SLE RA 4	1.13	0.15	66.1	-0.1757	-0.0298	0.0123
654	SLE RA 5	1.12	0.17	65.73	-0.1734	-0.0296	0.0126
654	SLE RA 6	1.15	0.1	66.69	-0.1793	-0.0301	0.0118
654	SLE RA 7	1.14	0.15	66.71	-0.1776	-0.0301	0.0124
654	SLE RA 8	1.14	0.1	66.31	-0.1782	-0.0299	0.0118
654	SLE RA 9	1.13	0.14	66.33	-0.1765	-0.0299	0.0124
654	SLE RA 10	1.15	0.24	70.24	-0.1819	-0.0311	0.0138
654	SLE RA 11	1.18	0.17	71.2	-0.1878	-0.0316	0.013
654	SLE RA 12	1.17	0.21	71.22	-0.1862	-0.0316	0.0135
654	SLE RA 13	1.16	0.24	70.85	-0.1839	-0.0314	0.0139
654	SLE RA 14	1.19	0.16	71.8	-0.1898	-0.0319	0.0131
654	SLE RA 15	1.19	0.21	71.82	-0.1881	-0.0319	0.0136
654	SLE RA 16	1.18	0.16	71.42	-0.1887	-0.0317	0.0131
654	SLE RA 17	1.18	0.2	71.44	-0.187	-0.0317	0.0136
654	SLE RA 18	1.18	0.19	72.41	-0.1892	-0.0319	0.0134
654	SLE RA 19	1.17	0.24	72.42	-0.1876	-0.0318	0.014
654	SLE RA 20	1.19	0.19	73.01	-0.1912	-0.0322	0.0135
654	SLE RA 21	1.19	0.23	73.03	-0.1895	-0.0322	0.014
654	SLE FR 1	1.11	0.1	65.1	-0.1742	-0.0293	0.0117
654	SLE FR 2	1.11	0.12	65.1	-0.1737	-0.0293	0.0119
654	SLE FR 3	1.12	0.1	65.34	-0.175	-0.0294	0.0117
654	SLE FR 4	1.13	0.15	67.3	-0.1782	-0.0301	0.0124
654	SLE FR 5	1.14	0.13	67.53	-0.1795	-0.0302	0.0123
654	SLE FR 6	1.15	0.15	68.75	-0.1817	-0.0306	0.0126
654	SLE QP 1	1.11	0.1	65.1	-0.1742	-0.0293	0.0117
654	SLE QP 2	1.13	0.13	67.29	-0.1787	-0.0301	0.0122
654	SLD 1	5.74	0.86	58.94	-0.113	0.0099	0.0011
654	SLD 2	5.75	1.47	58.93	-0.1266	0.0097	0.0086
654	SLD 3	5.77	-0.83	58.68	-0.1479	0.0097	-0.0067
654	SLD 4	5.78	-0.22	58.68	-0.1616	0.0095	0.0007
654	SLD 5	2.46	2.8	65.17	-0.1036	-0.0177	0.0195
654	SLD 6	2.46	3.2	65.17	-0.1126	-0.0179	0.0244
654	SLD 7	2.58	-2.83	64.32	-0.22	-0.0184	-0.0067
654	SLD 8	2.58	-2.43	64.31	-0.229	-0.0185	-0.0018
654	SLD 9	-0.32	2.69	70.26	-0.1284	-0.0416	0.0263
654	SLD 10	-0.31	3.09	70.26	-0.1374	-0.0417	0.0312
654	SLD 11	-0.2	-2.94	69.41	-0.2449	-0.0423	0.0001
654	SLD 12	-0.19	-2.54	69.4	-0.2539	-0.0424	0.005
654	SLD 13	-3.52	0.49	75.9	-0.1959	-0.0697	0.0238
654	SLD 14	-3.51	1.09	75.9	-0.2095	-0.0699	0.0312
654	SLD 15	-3.48	-1.2	75.65	-0.2308	-0.0699	0.0159
654	SLD 16	-3.47	-0.6	75.64	-0.2445	-0.0701	0.0233
654	SLV 1	11.91	1.78	47.74	-0.0247	0.0636	-0.014
654	SLV 2	11.92	3.19	47.73	-0.0564	0.0631	0.0033
654	SLV 3	11.99	-2.04	47.14	-0.1046	0.0631	-0.0318
654	SLV 4	12.01	-0.64	47.13	-0.1363	0.0626	-0.0145
654	SLV 5	4.24	6.19	62.34	-0.0058	-0.0012	0.0284
654	SLV 6	4.25	7.1	62.33	-0.0263	-0.0015	0.0396
654	SLV 7	4.51	-6.57	60.34	-0.2722	-0.0027	-0.0311
654	SLV 8	4.52	-5.66	60.33	-0.2928	-0.003	-0.0198
654	SLV 9	-2.26	5.93	74.25	-0.0647	-0.0571	0.0443
654	SLV 10	-2.25	6.84	74.24	-0.0852	-0.0574	0.0555
654	SLV 11	-1.98	-6.84	72.25	-0.3312	-0.0586	-0.0152
654	SLV 12	-1.97	-5.93	72.24	-0.3517	-0.059	-0.004
654	SLV 13	-9.74	0.9	87.45	-0.2211	-0.1228	0.039
654	SLV 14	-9.72	2.31	87.43	-0.2528	-0.1232	0.0563
654	SLV 15	-9.66	-2.93	86.85	-0.3011	-0.1232	0.0211
654	SLV 16	-9.64	-1.52	86.84	-0.3328	-0.1237	0.0384
654	CRTFP Ux+	0	0	0	0	0	0
654	CRTFP Ux-	0	0	0	0	0	0
654	CRTFP Uy+	0	0	0	0	0	0
654	CRTFP Uy-	0	0	0	0	0	0
655	SLU 1	1.12	0.14	63.8	-0.1556	-0.0254	0.0128
655	SLU 2	1.12	0.26	63.85	-0.1514	-0.0253	0.0143
655	SLU 3	1.15	0.14	65.3	-0.1599	-0.0261	0.0129
655	SLU 4	1.15	0.21	65.33	-0.1574	-0.026	0.0138
655	SLU 5	1.13	0.25	64.77	-0.1542	-0.0257	0.0144
655	SLU 6	1.17	0.13	66.22	-0.1626	-0.0265	0.013
655	SLU 7	1.17	0.2	66.25	-0.1601	-0.0264	0.0139
655	SLU 8	1.16	0.13	65.65	-0.1611	-0.0262	0.013
655	SLU 9	1.16	0.2	65.68	-0.1586	-0.0262	0.0139
655	SLU 10	1.18	0.36	71.6	-0.1655	-0.0274	0.0164
655	SLU 11	1.22	0.24	73.05	-0.1739	-0.0281	0.015
655	SLU 12	1.22	0.31	73.08	-0.1714	-0.0281	0.0159



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
655	SLU 13	1.2	0.35	72.52	-0.1682	-0.0278	0.0165
655	SLU 14	1.24	0.24	73.98	-0.1767	-0.0286	0.0151
655	SLU 15	1.24	0.31	74	-0.1742	-0.0285	0.016
655	SLU 16	1.23	0.23	73.4	-0.1751	-0.0283	0.015
655	SLU 17	1.22	0.3	73.43	-0.1726	-0.0283	0.016
655	SLU 18	1.22	0.29	74.88	-0.1757	-0.0283	0.0157
655	SLU 19	1.22	0.36	74.9	-0.1732	-0.0283	0.0166
655	SLU 20	1.24	0.28	75.8	-0.1784	-0.0288	0.0158
655	SLU 21	1.23	0.35	75.83	-0.1759	-0.0287	0.0167
655	SLU 22	1.22	0.25	71.44	-0.166	-0.0277	0.0138
655	SLU 23	1.21	0.36	71.48	-0.1618	-0.0277	0.0153
655	SLU 24	1.25	0.25	72.94	-0.1703	-0.0284	0.014
655	SLU 25	1.25	0.32	72.97	-0.1678	-0.0284	0.0149
655	SLU 26	1.23	0.36	72.41	-0.1646	-0.0281	0.0154
655	SLU 27	1.27	0.24	73.86	-0.173	-0.0288	0.0141
655	SLU 28	1.26	0.31	73.89	-0.1705	-0.0288	0.015
655	SLU 29	1.26	0.24	73.28	-0.1715	-0.0286	0.014
655	SLU 30	1.25	0.31	73.31	-0.169	-0.0285	0.0149
655	SLU 31	1.28	0.47	79.24	-0.1759	-0.0297	0.0174
655	SLU 32	1.32	0.35	80.69	-0.1843	-0.0305	0.016
655	SLU 33	1.31	0.42	80.72	-0.1818	-0.0304	0.0169
655	SLU 34	1.3	0.46	80.16	-0.1786	-0.0302	0.0175
655	SLU 35	1.34	0.35	81.61	-0.1871	-0.0309	0.0161
655	SLU 36	1.33	0.42	81.64	-0.1846	-0.0309	0.017
655	SLU 37	1.33	0.34	81.04	-0.1855	-0.0307	0.0161
655	SLU 38	1.32	0.41	81.06	-0.183	-0.0306	0.017
655	SLU 39	1.32	0.4	82.51	-0.1861	-0.0307	0.0168
655	SLU 40	1.31	0.47	82.54	-0.1836	-0.0306	0.0177
655	SLU 41	1.34	0.39	83.44	-0.1888	-0.0311	0.0169
655	SLU 42	1.33	0.46	83.46	-0.1863	-0.0311	0.0178
655	SLU 43	1.43	0.14	80.32	-0.1987	-0.0322	0.0162
655	SLU 44	1.42	0.26	80.37	-0.1946	-0.0321	0.0178
655	SLU 45	1.46	0.14	81.82	-0.203	-0.0329	0.0164
655	SLU 46	1.45	0.21	81.85	-0.2005	-0.0328	0.0173
655	SLU 47	1.44	0.25	81.29	-0.1973	-0.0325	0.0179
655	SLU 48	1.48	0.14	82.75	-0.2058	-0.0333	0.0165
655	SLU 49	1.47	0.21	82.77	-0.2033	-0.0333	0.0174
655	SLU 50	1.47	0.13	82.17	-0.2042	-0.033	0.0164
655	SLU 51	1.46	0.2	82.2	-0.2017	-0.033	0.0173
655	SLU 52	1.49	0.36	88.12	-0.2086	-0.0342	0.0198
655	SLU 53	1.53	0.25	89.58	-0.217	-0.0349	0.0184
655	SLU 54	1.52	0.32	89.6	-0.2145	-0.0349	0.0194
655	SLU 55	1.51	0.36	89.04	-0.2113	-0.0346	0.0199
655	SLU 56	1.54	0.24	90.5	-0.2198	-0.0354	0.0185
655	SLU 57	1.54	0.31	90.53	-0.2173	-0.0353	0.0195
655	SLU 58	1.53	0.24	89.92	-0.2183	-0.0351	0.0185
655	SLU 59	1.53	0.31	89.95	-0.2158	-0.0351	0.0194
655	SLU 60	1.53	0.29	91.4	-0.2188	-0.0351	0.0192
655	SLU 61	1.52	0.36	91.43	-0.2163	-0.0351	0.0201
655	SLU 62	1.54	0.29	92.32	-0.2215	-0.0356	0.0193
655	SLU 63	1.54	0.36	92.35	-0.219	-0.0355	0.0202
655	SLU 64	1.53	0.25	87.96	-0.2091	-0.0345	0.0173
655	SLU 65	1.52	0.37	88.01	-0.205	-0.0345	0.0188
655	SLU 66	1.56	0.25	89.46	-0.2134	-0.0352	0.0174
655	SLU 67	1.55	0.32	89.49	-0.2109	-0.0352	0.0183
655	SLU 68	1.54	0.36	88.93	-0.2077	-0.0349	0.0189
655	SLU 69	1.57	0.25	90.38	-0.2162	-0.0356	0.0175
655	SLU 70	1.57	0.32	90.41	-0.2136	-0.0356	0.0184
655	SLU 71	1.56	0.24	89.81	-0.2146	-0.0354	0.0175
655	SLU 72	1.56	0.31	89.83	-0.2121	-0.0354	0.0184
655	SLU 73	1.58	0.47	95.76	-0.219	-0.0365	0.0209
655	SLU 74	1.62	0.36	97.21	-0.2274	-0.0373	0.0195
655	SLU 75	1.62	0.43	97.24	-0.2249	-0.0372	0.0204
655	SLU 76	1.6	0.47	96.68	-0.2217	-0.037	0.021
655	SLU 77	1.64	0.35	98.14	-0.2302	-0.0377	0.0196
655	SLU 78	1.64	0.42	98.16	-0.2277	-0.0377	0.0205
655	SLU 79	1.63	0.34	97.56	-0.2287	-0.0375	0.0196
655	SLU 80	1.63	0.41	97.59	-0.2262	-0.0374	0.0205
655	SLU 81	1.62	0.4	99.04	-0.2292	-0.0375	0.0202
655	SLU 82	1.62	0.47	99.06	-0.2267	-0.0374	0.0212
655	SLU 83	1.64	0.39	99.96	-0.2319	-0.0379	0.0203
655	SLU 84	1.64	0.46	99.99	-0.2294	-0.0379	0.0213
655	SLE RA 1	1.15	0.17	65.98	-0.1586	-0.026	0.0131
655	SLE RA 2	1.15	0.25	66.01	-0.1558	-0.026	0.0141
655	SLE RA 3	1.17	0.17	66.98	-0.1614	-0.0265	0.0132
655	SLE RA 4	1.17	0.22	67	-0.1598	-0.0265	0.0138
655	SLE RA 5	1.16	0.24	66.63	-0.1576	-0.0263	0.0141
655	SLE RA 6	1.18	0.17	67.6	-0.1633	-0.0268	0.0132
655	SLE RA 7	1.18	0.21	67.62	-0.1616	-0.0268	0.0138
655	SLE RA 8	1.18	0.16	67.21	-0.1623	-0.0266	0.0132
655	SLE RA 9	1.17	0.21	67.23	-0.1606	-0.0266	0.0138
655	SLE RA 10	1.19	0.32	71.18	-0.1652	-0.0274	0.0155
655	SLE RA 11	1.22	0.24	72.15	-0.1708	-0.0279	0.0145
655	SLE RA 12	1.21	0.29	72.17	-0.1691	-0.0279	0.0151
655	SLE RA 13	1.2	0.31	71.8	-0.167	-0.0277	0.0155
655	SLE RA 14	1.23	0.24	72.77	-0.1726	-0.0282	0.0146
655	SLE RA 15	1.23	0.28	72.78	-0.1709	-0.0281	0.0152
655	SLE RA 16	1.22	0.23	72.38	-0.1716	-0.028	0.0146
655	SLE RA 17	1.22	0.28	72.4	-0.1699	-0.028	0.0152



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
655	SLE RA 18	1.22	0.27	73.37	-0.1719	-0.028	0.015
655	SLE RA 19	1.21	0.32	73.38	-0.1703	-0.028	0.0157
655	SLE RA 20	1.23	0.26	73.98	-0.1738	-0.0283	0.0151
655	SLE RA 21	1.23	0.31	74	-0.1721	-0.0283	0.0157
655	SLE FR 1	1.15	0.17	65.98	-0.1586	-0.026	0.0131
655	SLE FR 2	1.15	0.18	65.99	-0.158	-0.026	0.0133
655	SLE FR 3	1.16	0.17	66.23	-0.1593	-0.0262	0.0131
655	SLE FR 4	1.17	0.21	68.2	-0.162	-0.0266	0.0139
655	SLE FR 5	1.18	0.2	68.44	-0.1633	-0.0268	0.0137
655	SLE FR 6	1.18	0.22	69.67	-0.1653	-0.027	0.0141
655	SLE QP 1	1.15	0.17	65.98	-0.1586	-0.026	0.0131
655	SLE QP 2	1.17	0.2	68.2	-0.1626	-0.0266	0.0137
655	SLD 1	5.77	0.92	58.54	-0.101	0.0149	0.0039
655	SLD 2	5.78	1.57	58.54	-0.1152	0.0147	0.0122
655	SLD 3	5.81	-0.81	58.29	-0.1312	0.0145	-0.0066
655	SLD 4	5.81	-0.17	58.29	-0.1455	0.0143	0.0017
655	SLD 5	2.49	2.93	65.69	-0.0957	-0.0135	0.0252
655	SLD 6	2.5	3.36	65.69	-0.1051	-0.0136	0.0306
655	SLD 7	2.62	-2.85	64.84	-0.1965	-0.0149	-0.0098
655	SLD 8	2.62	-2.43	64.84	-0.2059	-0.015	-0.0044
655	SLD 9	-0.28	2.83	71.56	-0.1193	-0.0383	0.0317
655	SLD 10	-0.27	3.25	71.56	-0.1287	-0.0384	0.0371
655	SLD 11	-0.16	-2.96	70.71	-0.2201	-0.0396	-0.0033
655	SLD 12	-0.15	-2.54	70.71	-0.2295	-0.0398	0.0022
655	SLD 13	-3.47	0.57	78.11	-0.1797	-0.0676	0.0256
655	SLD 14	-3.46	1.21	78.11	-0.194	-0.0678	0.0339
655	SLD 15	-3.43	-1.17	77.85	-0.21	-0.068	0.0151
655	SLD 16	-3.43	-0.53	77.86	-0.2242	-0.0682	0.0234
655	SLV 1	11.93	1.84	45.59	-0.018	0.0706	-0.0095
655	SLV 2	11.95	3.33	45.6	-0.0513	0.0701	0.0098
655	SLV 3	12.01	-2.1	45	-0.0873	0.0696	-0.0333
655	SLV 4	12.03	-0.6	45.01	-0.1206	0.0692	-0.014
655	SLV 5	4.27	6.4	62.31	-0.0083	0.0041	0.0395
655	SLV 6	4.28	7.37	62.32	-0.0298	0.0038	0.0519
655	SLV 7	4.55	-6.72	60.34	-0.2394	0.0009	-0.0398
655	SLV 8	4.56	-5.75	60.34	-0.2609	0.0006	-0.0274
655	SLV 9	-2.22	6.15	76.05	-0.0643	-0.0539	0.0547
655	SLV 10	-2.2	7.12	76.05	-0.0858	-0.0542	0.0672
655	SLV 11	-1.94	-6.97	74.08	-0.2954	-0.057	-0.0246
655	SLV 12	-1.93	-6	74.08	-0.3169	-0.0573	-0.0121
655	SLV 13	-9.69	1	91.39	-0.2046	-0.1225	0.0413
655	SLV 14	-9.67	2.5	91.39	-0.2379	-0.1229	0.0606
655	SLV 15	-9.6	-2.94	90.8	-0.2739	-0.1234	0.0175
655	SLV 16	-9.59	-1.44	90.8	-0.3072	-0.1239	0.0368
655	CRTFP Ux+	0	0	0	0	0	0
655	CRTFP Ux-	0	0	0	0	0	0
655	CRTFP Uy+	0	0	0	0	0	0
655	CRTFP Uy-	0	0	0	0	0	0
656	SLU 1	1.16	0.21	64.58	-0.141	-0.0231	0.0138
656	SLU 2	1.15	0.33	64.62	-0.1368	-0.023	0.0155
656	SLU 3	1.19	0.21	66.1	-0.1449	-0.0238	0.0139
656	SLU 4	1.18	0.28	66.13	-0.1424	-0.0237	0.015
656	SLU 5	1.17	0.33	65.56	-0.1393	-0.0234	0.0156
656	SLU 6	1.21	0.2	67.04	-0.1474	-0.0242	0.014
656	SLU 7	1.2	0.28	67.06	-0.1449	-0.0241	0.0151
656	SLU 8	1.2	0.2	66.45	-0.1461	-0.024	0.014
656	SLU 9	1.19	0.27	66.48	-0.1436	-0.0239	0.015
656	SLU 10	1.22	0.45	72.43	-0.1492	-0.0246	0.0178
656	SLU 11	1.26	0.32	73.91	-0.1572	-0.0253	0.0162
656	SLU 12	1.25	0.4	73.94	-0.1547	-0.0253	0.0172
656	SLU 13	1.24	0.44	73.37	-0.1517	-0.025	0.0179
656	SLU 14	1.28	0.32	74.85	-0.1598	-0.0257	0.0163
656	SLU 15	1.27	0.39	74.87	-0.1573	-0.0257	0.0173
656	SLU 16	1.27	0.31	74.26	-0.1584	-0.0255	0.0163
656	SLU 17	1.26	0.39	74.29	-0.1559	-0.0255	0.0173
656	SLU 18	1.26	0.37	75.74	-0.1586	-0.0254	0.017
656	SLU 19	1.25	0.45	75.76	-0.1561	-0.0253	0.0181
656	SLU 20	1.28	0.37	76.67	-0.1612	-0.0258	0.0171
656	SLU 21	1.27	0.44	76.7	-0.1587	-0.0257	0.0182
656	SLU 22	1.26	0.32	72.28	-0.1499	-0.025	0.0151
656	SLU 23	1.25	0.45	72.33	-0.1457	-0.0249	0.0168
656	SLU 24	1.29	0.32	73.81	-0.1538	-0.0257	0.0152
656	SLU 25	1.28	0.4	73.83	-0.1513	-0.0256	0.0162
656	SLU 26	1.27	0.44	73.26	-0.1482	-0.0253	0.0169
656	SLU 27	1.31	0.32	74.74	-0.1563	-0.0261	0.0153
656	SLU 28	1.3	0.39	74.77	-0.1538	-0.026	0.0163
656	SLU 29	1.3	0.31	74.16	-0.1549	-0.0259	0.0153
656	SLU 30	1.29	0.39	74.18	-0.1524	-0.0258	0.0163
656	SLU 31	1.32	0.56	80.14	-0.158	-0.0265	0.019
656	SLU 32	1.36	0.44	81.62	-0.1661	-0.0272	0.0175
656	SLU 33	1.35	0.51	81.64	-0.1636	-0.0272	0.0185
656	SLU 34	1.34	0.56	81.07	-0.1606	-0.0269	0.0191
656	SLU 35	1.38	0.43	82.55	-0.1687	-0.0277	0.0176
656	SLU 36	1.37	0.51	82.58	-0.1662	-0.0276	0.0186
656	SLU 37	1.37	0.43	81.97	-0.1673	-0.0274	0.0175
656	SLU 38	1.36	0.5	81.99	-0.1648	-0.0274	0.0186
656	SLU 39	1.36	0.49	83.44	-0.1675	-0.0273	0.0183
656	SLU 40	1.35	0.56	83.47	-0.165	-0.0272	0.0193
656	SLU 41	1.38	0.48	84.38	-0.17	-0.0277	0.0184



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
656	SLU 42	1.37	0.56	84.4	-0.1675	-0.0276	0.0194
656	SLU 43	1.47	0.23	81.31	-0.1802	-0.0294	0.0175
656	SLU 44	1.46	0.36	81.35	-0.1761	-0.0293	0.0192
656	SLU 45	1.5	0.23	82.83	-0.1841	-0.0301	0.0176
656	SLU 46	1.5	0.31	82.86	-0.1816	-0.03	0.0187
656	SLU 47	1.48	0.35	82.29	-0.1786	-0.0297	0.0193
656	SLU 48	1.52	0.23	83.77	-0.1867	-0.0305	0.0177
656	SLU 49	1.52	0.3	83.79	-0.1842	-0.0304	0.0188
656	SLU 50	1.51	0.22	83.18	-0.1853	-0.0302	0.0177
656	SLU 51	1.51	0.3	83.21	-0.1828	-0.0302	0.0187
656	SLU 52	1.53	0.47	89.16	-0.1884	-0.0309	0.0215
656	SLU 53	1.57	0.35	90.64	-0.1965	-0.0316	0.0199
656	SLU 54	1.57	0.42	90.67	-0.194	-0.0316	0.0209
656	SLU 55	1.55	0.47	90.1	-0.1909	-0.0313	0.0216
656	SLU 56	1.59	0.34	91.58	-0.199	-0.032	0.02
656	SLU 57	1.59	0.42	91.6	-0.1965	-0.032	0.021
656	SLU 58	1.58	0.34	90.99	-0.1977	-0.0318	0.02
656	SLU 59	1.58	0.41	91.02	-0.1952	-0.0317	0.021
656	SLU 60	1.57	0.4	92.47	-0.1979	-0.0316	0.0207
656	SLU 61	1.57	0.47	92.49	-0.1954	-0.0316	0.0218
656	SLU 62	1.59	0.39	93.41	-0.2004	-0.0321	0.0208
656	SLU 63	1.59	0.47	93.43	-0.1979	-0.032	0.0219
656	SLU 64	1.57	0.34	89.02	-0.1891	-0.0313	0.0187
656	SLU 65	1.56	0.47	89.06	-0.1849	-0.0312	0.0205
656	SLU 66	1.6	0.35	90.54	-0.193	-0.032	0.0189
656	SLU 67	1.6	0.42	90.56	-0.1905	-0.0319	0.0199
656	SLU 68	1.58	0.46	90	-0.1875	-0.0316	0.0206
656	SLU 69	1.62	0.34	91.47	-0.1956	-0.0324	0.019
656	SLU 70	1.62	0.42	91.5	-0.1931	-0.0323	0.02
656	SLU 71	1.61	0.33	90.89	-0.1942	-0.0321	0.019
656	SLU 72	1.61	0.41	90.92	-0.1917	-0.0321	0.02
656	SLU 73	1.63	0.59	96.87	-0.1973	-0.0328	0.0227
656	SLU 74	1.67	0.46	98.35	-0.2054	-0.0335	0.0212
656	SLU 75	1.67	0.54	98.37	-0.2029	-0.0335	0.0222
656	SLU 76	1.65	0.58	97.81	-0.1998	-0.0332	0.0228
656	SLU 77	1.69	0.46	99.28	-0.2079	-0.0339	0.0213
656	SLU 78	1.69	0.53	99.31	-0.2054	-0.0339	0.0223
656	SLU 79	1.68	0.45	98.7	-0.2065	-0.0337	0.0212
656	SLU 80	1.67	0.53	98.73	-0.204	-0.0336	0.0223
656	SLU 81	1.67	0.51	100.17	-0.2068	-0.0335	0.022
656	SLU 82	1.67	0.58	100.2	-0.2043	-0.0335	0.023
656	SLU 83	1.69	0.5	101.11	-0.2093	-0.034	0.0221
656	SLU 84	1.69	0.58	101.14	-0.2068	-0.0339	0.0231
656	SLE RA 1	1.19	0.24	66.78	-0.1435	-0.0237	0.0141
656	SLE RA 2	1.18	0.32	66.81	-0.1407	-0.0236	0.0153
656	SLE RA 3	1.21	0.24	67.79	-0.1461	-0.0241	0.0142
656	SLE RA 4	1.2	0.29	67.81	-0.1445	-0.0241	0.0149
656	SLE RA 5	1.19	0.32	67.43	-0.1424	-0.0239	0.0153
656	SLE RA 6	1.22	0.24	68.42	-0.1478	-0.0244	0.0143
656	SLE RA 7	1.22	0.29	68.44	-0.1461	-0.0243	0.015
656	SLE RA 8	1.21	0.23	68.03	-0.1469	-0.0242	0.0143
656	SLE RA 9	1.21	0.28	68.05	-0.1452	-0.0242	0.015
656	SLE RA 10	1.23	0.4	72.02	-0.149	-0.0246	0.0168
656	SLE RA 11	1.25	0.32	73	-0.1544	-0.0251	0.0158
656	SLE RA 12	1.25	0.37	73.02	-0.1527	-0.0251	0.0165
656	SLE RA 13	1.24	0.4	72.64	-0.1507	-0.0249	0.0169
656	SLE RA 14	1.27	0.31	73.63	-0.1561	-0.0254	0.0158
656	SLE RA 15	1.26	0.36	73.64	-0.1544	-0.0254	0.0165
656	SLE RA 16	1.26	0.31	73.24	-0.1551	-0.0253	0.0158
656	SLE RA 17	1.26	0.36	73.25	-0.1535	-0.0252	0.0165
656	SLE RA 18	1.25	0.35	74.22	-0.1553	-0.0252	0.0163
656	SLE RA 19	1.25	0.4	74.24	-0.1536	-0.0251	0.017
656	SLE RA 20	1.27	0.35	74.84	-0.157	-0.0254	0.0164
656	SLE RA 21	1.26	0.4	74.86	-0.1553	-0.0254	0.0171
656	SLE FR 1	1.19	0.24	66.78	-0.1435	-0.0237	0.0141
656	SLE FR 2	1.19	0.26	66.79	-0.143	-0.0237	0.0144
656	SLE FR 3	1.19	0.29	67.03	-0.1442	-0.0238	0.0142
656	SLE FR 4	1.21	0.29	69.02	-0.1465	-0.0241	0.015
656	SLE FR 5	1.21	0.27	69.26	-0.1477	-0.0242	0.0148
656	SLE FR 6	1.22	0.29	70.5	-0.1494	-0.0244	0.0152
656	SLE QP 1	1.19	0.24	66.78	-0.1435	-0.0237	0.0141
656	SLE QP 2	1.21	0.27	69.01	-0.1471	-0.0241	0.0148
656	SLD 1	5.8	1.02	58.01	-0.0892	0.0181	0.007
656	SLD 2	5.8	1.7	58.02	-0.1042	0.0179	0.0162
656	SLD 3	5.83	-0.78	57.77	-0.115	0.0173	-0.0061
656	SLD 4	5.84	-0.09	57.78	-0.1299	0.0171	0.0031
656	SLD 5	2.53	3.1	66.07	-0.088	-0.0103	0.0307
656	SLD 6	2.53	3.55	66.08	-0.0979	-0.0104	0.0367
656	SLD 7	2.65	-2.89	65.28	-0.1738	-0.0128	-0.013
656	SLD 8	2.65	-2.44	65.28	-0.1836	-0.0129	-0.0069
656	SLD 9	-0.24	2.98	72.74	-0.1105	-0.0353	0.0365
656	SLD 10	-0.24	3.44	72.75	-0.1203	-0.0354	0.0426
656	SLD 11	-0.12	-3	71.95	-0.1962	-0.0378	-0.0071
656	SLD 12	-0.11	-2.55	71.95	-0.2061	-0.038	-0.0011
656	SLD 13	-3.43	0.64	80.24	-0.1642	-0.0654	0.0265
656	SLD 14	-3.42	1.33	80.25	-0.1791	-0.0655	0.0357
656	SLD 15	-3.39	-1.16	80	-0.1899	-0.0661	0.0134
656	SLD 16	-3.38	-0.47	80.01	-0.2049	-0.0663	0.0226
656	SLV 1	11.94	1.95	43.27	-0.0114	0.0746	-0.0039



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
656	SLV 2	11.96	3.55	43.28	-0.0462	0.0742	0.0175
656	SLV 3	12.03	-2.12	42.71	-0.0705	0.0729	-0.0335
656	SLV 4	12.05	-0.52	42.73	-0.1053	0.0724	-0.0122
656	SLV 5	4.3	6.67	62.13	-0.0107	0.0083	0.0505
656	SLV 6	4.31	7.71	62.14	-0.0332	0.008	0.0643
656	SLV 7	4.58	-6.9	60.27	-0.2077	0.0024	-0.0484
656	SLV 8	4.59	-5.86	60.29	-0.2302	0.0021	-0.0346
656	SLV 9	-2.18	6.41	77.74	-0.0639	-0.0503	0.0642
656	SLV 10	-2.17	7.45	77.75	-0.0864	-0.0506	0.078
656	SLV 11	-1.89	-7.17	75.88	-0.2609	-0.0562	-0.0347
656	SLV 12	-1.88	-6.13	75.9	-0.2834	-0.0565	-0.0209
656	SLV 13	-9.63	1.06	95.3	-0.1888	-0.1207	0.0418
656	SLV 14	-9.61	2.67	95.31	-0.2236	-0.1211	0.0631
656	SLV 15	-9.55	-3.01	94.74	-0.2479	-0.1224	0.0121
656	SLV 16	-9.53	-1.4	94.76	-0.2827	-0.1229	0.0335
656	CRTFP Ux+	0	0	0	0	0	0
656	CRTFP Ux-	0	0	0	0	0	0
656	CRTFP Uy+	0	0	0	0	0	0
656	CRTFP Uy-	0	0	0	0	0	0
657	SLU 1	1.19	0.28	65.3	-0.1269	-0.0217	0.0144
657	SLU 2	1.18	0.42	65.34	-0.1227	-0.0216	0.0163
657	SLU 3	1.22	0.28	66.84	-0.1305	-0.0223	0.0146
657	SLU 4	1.22	0.36	66.86	-0.1279	-0.0223	0.0157
657	SLU 5	1.2	0.41	66.29	-0.1251	-0.022	0.0164
657	SLU 6	1.24	0.28	67.79	-0.1328	-0.0227	0.0147
657	SLU 7	1.24	0.36	67.81	-0.1303	-0.0227	0.0158
657	SLU 8	1.23	0.27	67.2	-0.1316	-0.0225	0.0147
657	SLU 9	1.22	0.35	67.22	-0.1291	-0.0224	0.0157
657	SLU 10	1.25	0.54	73.19	-0.1334	-0.0227	0.0187
657	SLU 11	1.29	0.41	74.69	-0.1412	-0.0235	0.0171
657	SLU 12	1.29	0.49	74.72	-0.1387	-0.0234	0.0182
657	SLU 13	1.27	0.54	74.14	-0.1358	-0.0231	0.0188
657	SLU 14	1.31	0.41	75.64	-0.1435	-0.0239	0.0172
657	SLU 15	1.31	0.49	75.67	-0.141	-0.0238	0.0183
657	SLU 16	1.3	0.4	75.05	-0.1423	-0.0237	0.0171
657	SLU 17	1.3	0.48	75.08	-0.1398	-0.0236	0.0182
657	SLU 18	1.29	0.46	76.52	-0.1422	-0.0234	0.0179
657	SLU 19	1.29	0.54	76.54	-0.1397	-0.0233	0.019
657	SLU 20	1.31	0.46	77.47	-0.1446	-0.0238	0.018
657	SLU 21	1.31	0.54	77.49	-0.1421	-0.0237	0.0191
657	SLU 22	1.29	0.4	73.06	-0.1343	-0.0233	0.0159
657	SLU 23	1.28	0.54	73.1	-0.1301	-0.0231	0.0177
657	SLU 24	1.32	0.4	74.6	-0.1379	-0.0239	0.0161
657	SLU 25	1.32	0.48	74.62	-0.1354	-0.0238	0.0172
657	SLU 26	1.3	0.53	74.05	-0.1325	-0.0236	0.0178
657	SLU 27	1.34	0.4	75.55	-0.1402	-0.0243	0.0162
657	SLU 28	1.34	0.48	75.57	-0.1377	-0.0242	0.0173
657	SLU 29	1.33	0.39	74.96	-0.139	-0.0241	0.0161
657	SLU 30	1.33	0.47	74.98	-0.1365	-0.024	0.0172
657	SLU 31	1.35	0.66	80.95	-0.1409	-0.0243	0.0202
657	SLU 32	1.39	0.53	82.45	-0.1486	-0.0251	0.0185
657	SLU 33	1.39	0.61	82.48	-0.1461	-0.025	0.0196
657	SLU 34	1.37	0.66	81.9	-0.1432	-0.0247	0.0203
657	SLU 35	1.41	0.53	83.4	-0.151	-0.0255	0.0186
657	SLU 36	1.41	0.61	83.43	-0.1484	-0.0254	0.0197
657	SLU 37	1.4	0.52	82.81	-0.1497	-0.0253	0.0186
657	SLU 38	1.4	0.6	82.84	-0.1472	-0.0252	0.0197
657	SLU 39	1.39	0.58	84.28	-0.1497	-0.0249	0.0194
657	SLU 40	1.39	0.67	84.3	-0.1471	-0.0249	0.0205
657	SLU 41	1.41	0.58	85.23	-0.152	-0.0253	0.0195
657	SLU 42	1.41	0.66	85.25	-0.1495	-0.0253	0.0206
657	SLU 43	1.51	0.32	82.23	-0.1624	-0.0277	0.0183
657	SLU 44	1.5	0.46	82.27	-0.1582	-0.0275	0.0201
657	SLU 45	1.54	0.32	83.77	-0.166	-0.0283	0.0185
657	SLU 46	1.54	0.41	83.79	-0.1635	-0.0282	0.0195
657	SLU 47	1.52	0.45	83.22	-0.1606	-0.0279	0.0202
657	SLU 48	1.56	0.32	84.72	-0.1683	-0.0287	0.0186
657	SLU 49	1.56	0.4	84.74	-0.1658	-0.0286	0.0196
657	SLU 50	1.55	0.31	84.13	-0.1671	-0.0285	0.0185
657	SLU 51	1.55	0.39	84.15	-0.1646	-0.0284	0.0196
657	SLU 52	1.57	0.59	90.12	-0.169	-0.0287	0.0225
657	SLU 53	1.62	0.45	91.62	-0.1767	-0.0295	0.0209
657	SLU 54	1.61	0.53	91.65	-0.1742	-0.0294	0.022
657	SLU 55	1.59	0.58	91.07	-0.1713	-0.0291	0.0226
657	SLU 56	1.64	0.45	92.57	-0.1791	-0.0299	0.021
657	SLU 57	1.63	0.53	92.6	-0.1765	-0.0298	0.0221
657	SLU 58	1.62	0.44	91.98	-0.1778	-0.0297	0.0209
657	SLU 59	1.62	0.52	92	-0.1753	-0.0296	0.022
657	SLU 60	1.61	0.51	93.45	-0.1778	-0.0293	0.0218
657	SLU 61	1.61	0.59	93.47	-0.1752	-0.0293	0.0229
657	SLU 62	1.63	0.5	94.4	-0.1801	-0.0297	0.0219
657	SLU 63	1.63	0.58	94.42	-0.1776	-0.0297	0.023
657	SLU 64	1.61	0.44	89.99	-0.1698	-0.0292	0.0198
657	SLU 65	1.6	0.58	90.03	-0.1657	-0.0291	0.0216
657	SLU 66	1.65	0.45	91.53	-0.1734	-0.0299	0.0199
657	SLU 67	1.64	0.53	91.55	-0.1709	-0.0298	0.021
657	SLU 68	1.62	0.57	90.98	-0.168	-0.0295	0.0217
657	SLU 69	1.67	0.44	92.48	-0.1757	-0.0303	0.02
657	SLU 70	1.66	0.52	92.5	-0.1732	-0.0302	0.0211



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
657	SLU 71	1.65	0.43	91.89	-0.1745	-0.0301	0.02
657	SLU 72	1.65	0.52	91.91	-0.172	-0.03	0.021
657	SLU 73	1.68	0.71	97.88	-0.1764	-0.0303	0.024
657	SLU 74	1.72	0.57	99.38	-0.1841	-0.031	0.0224
657	SLU 75	1.71	0.66	99.41	-0.1816	-0.031	0.0235
657	SLU 76	1.7	0.7	98.83	-0.1787	-0.0307	0.0241
657	SLU 77	1.74	0.57	100.33	-0.1865	-0.0315	0.0225
657	SLU 78	1.73	0.65	100.36	-0.184	-0.0314	0.0236
657	SLU 79	1.73	0.56	99.74	-0.1853	-0.0312	0.0224
657	SLU 80	1.72	0.64	99.76	-0.1828	-0.0312	0.0235
657	SLU 81	1.72	0.63	101.21	-0.1852	-0.0309	0.0232
657	SLU 82	1.71	0.71	101.23	-0.1827	-0.0308	0.0243
657	SLU 83	1.74	0.62	102.16	-0.1875	-0.0313	0.0233
657	SLU 84	1.73	0.7	102.18	-0.185	-0.0312	0.0244
657	SLE RA 1	1.22	0.31	67.52	-0.129	-0.0221	0.0149
657	SLE RA 2	1.21	0.4	67.54	-0.1262	-0.0221	0.0161
657	SLE RA 3	1.24	0.32	68.54	-0.1314	-0.0226	0.015
657	SLE RA 4	1.24	0.37	68.56	-0.1297	-0.0225	0.0157
657	SLE RA 5	1.23	0.4	68.17	-0.1278	-0.0223	0.0161
657	SLE RA 6	1.25	0.31	69.18	-0.133	-0.0228	0.0151
657	SLE RA 7	1.25	0.37	69.19	-0.1313	-0.0228	0.0158
657	SLE RA 8	1.25	0.31	68.78	-0.1321	-0.0227	0.015
657	SLE RA 9	1.24	0.36	68.8	-0.1305	-0.0226	0.0157
657	SLE RA 10	1.26	0.49	72.78	-0.1334	-0.0228	0.0177
657	SLE RA 11	1.29	0.4	73.78	-0.1385	-0.0233	0.0166
657	SLE RA 12	1.28	0.46	73.79	-0.1369	-0.0233	0.0173
657	SLE RA 13	1.27	0.49	73.41	-0.1349	-0.0231	0.0178
657	SLE RA 14	1.3	0.4	74.41	-0.1401	-0.0236	0.0167
657	SLE RA 15	1.3	0.45	74.43	-0.1384	-0.0236	0.0174
657	SLE RA 16	1.29	0.39	74.02	-0.1393	-0.0235	0.0166
657	SLE RA 17	1.29	0.45	74.03	-0.1376	-0.0234	0.0174
657	SLE RA 18	1.29	0.44	75	-0.1392	-0.0233	0.0172
657	SLE RA 19	1.28	0.49	75.01	-0.1376	-0.0232	0.0179
657	SLE RA 20	1.3	0.43	75.63	-0.1408	-0.0235	0.0173
657	SLE RA 21	1.3	0.49	75.64	-0.1391	-0.0235	0.018
657	SLE FR 1	1.22	0.31	67.52	-0.129	-0.0221	0.0149
657	SLE FR 2	1.22	0.33	67.52	-0.1285	-0.0221	0.0151
657	SLE FR 3	1.22	0.31	67.77	-0.1296	-0.0223	0.0149
657	SLE FR 4	1.24	0.37	69.76	-0.1315	-0.0225	0.0158
657	SLE FR 5	1.24	0.35	70.01	-0.1327	-0.0226	0.0156
657	SLE FR 6	1.25	0.38	71.26	-0.1341	-0.0227	0.016
657	SLE QP 1	1.22	0.31	67.52	-0.129	-0.0221	0.0149
657	SLE QP 2	1.24	0.35	69.76	-0.1321	-0.0225	0.0156
657	SLD 1	5.82	1.13	57.4	-0.0992	0.0201	0.0102
657	SLD 2	5.83	1.87	57.42	-0.1149	0.0199	0.0203
657	SLD 3	5.86	-0.74	57.19	-0.0778	0.0189	-0.0053
657	SLD 4	5.86	0	57.2	-0.0935	0.0188	0.0048
657	SLD 5	2.56	3.29	66.37	-0.1519	-0.008	0.0356
657	SLD 6	2.56	3.77	66.38	-0.1622	-0.0081	0.0423
657	SLD 7	2.68	-2.95	65.66	-0.0805	-0.0117	-0.016
657	SLD 8	2.68	-2.46	65.67	-0.0908	-0.0119	-0.0093
657	SLD 9	-0.21	3.16	73.85	-0.1734	-0.0331	0.0405
657	SLD 10	-0.2	3.65	73.86	-0.1837	-0.0332	0.0471
657	SLD 11	-0.08	-3.07	73.14	-0.102	-0.0369	-0.0111
657	SLD 12	-0.08	-2.59	73.15	-0.1122	-0.037	-0.0045
657	SLD 13	-3.38	0.7	82.31	-0.1707	-0.0637	0.0263
657	SLD 14	-3.38	1.44	82.33	-0.1864	-0.0639	0.0364
657	SLD 15	-3.35	-1.17	82.1	-0.1493	-0.0648	0.0108
657	SLD 16	-3.34	-0.43	82.12	-0.1649	-0.065	0.0209
657	SLV 1	11.95	2.11	40.84	-0.054	0.0771	0.0025
657	SLV 2	11.97	3.83	40.87	-0.0904	0.0767	0.026
657	SLV 3	12.04	-2.13	40.34	-0.0046	0.0745	-0.0326
657	SLV 4	12.06	-0.41	40.37	-0.041	0.074	-0.0091
657	SLV 5	4.32	7.01	61.83	-0.1772	0.0115	0.0608
657	SLV 6	4.33	8.12	61.85	-0.2008	0.0112	0.076
657	SLV 7	4.61	-7.12	60.18	-0.0126	0.0027	-0.0562
657	SLV 8	4.62	-6.01	60.2	-0.0362	0.0024	-0.041
657	SLV 9	-2.14	6.71	79.32	-0.228	-0.0474	0.0721
657	SLV 10	-2.13	7.82	79.34	-0.2515	-0.0476	0.0873
657	SLV 11	-1.85	-7.42	77.67	-0.0634	-0.0561	-0.0448
657	SLV 12	-1.84	-6.31	77.69	-0.0869	-0.0564	-0.0296
657	SLV 13	-9.58	1.11	99.15	-0.2232	-0.119	0.0402
657	SLV 14	-9.56	2.83	99.18	-0.2596	-0.1194	0.0637
657	SLV 15	-9.49	-3.13	98.65	-0.1738	-0.1216	0.0051
657	SLV 16	-9.47	-1.41	98.68	-0.2102	-0.1221	0.0286
657	CRTFP Ux+	0	0	0	0	0	0
657	CRTFP Ux-	0	0	0	0	0	0
657	CRTFP Uy+	0	0	0	0	0	0
657	CRTFP Uy-	0	0	0	0	0	0
658	SLU 1	1.22	0.36	65.99	-0.1133	-0.0212	0.0147
658	SLU 2	1.21	0.5	66.02	-0.1091	-0.0211	0.0166
658	SLU 3	1.25	0.36	67.55	-0.1166	-0.0219	0.0149
658	SLU 4	1.25	0.45	67.57	-0.114	-0.0218	0.016
658	SLU 5	1.23	0.5	66.98	-0.1113	-0.0215	0.0167
658	SLU 6	1.27	0.36	68.51	-0.1187	-0.0223	0.015
658	SLU 7	1.27	0.44	68.53	-0.1162	-0.0222	0.0161
658	SLU 8	1.26	0.35	67.91	-0.1176	-0.0221	0.0149
658	SLU 9	1.25	0.43	67.93	-0.1151	-0.022	0.016
658	SLU 10	1.28	0.64	73.91	-0.1183	-0.022	0.0191



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
658	SLU 11	1.32	0.5	75.43	-0.1257	-0.0228	0.0174
658	SLU 12	1.32	0.59	75.46	-0.1232	-0.0227	0.0185
658	SLU 13	1.3	0.64	74.87	-0.1205	-0.0224	0.0192
658	SLU 14	1.34	0.5	76.4	-0.1279	-0.0232	0.0175
658	SLU 15	1.34	0.58	76.42	-0.1254	-0.0231	0.0186
658	SLU 16	1.33	0.49	75.8	-0.1268	-0.023	0.0174
658	SLU 17	1.33	0.58	75.82	-0.1243	-0.0229	0.0185
658	SLU 18	1.32	0.56	77.25	-0.1264	-0.0226	0.0183
658	SLU 19	1.32	0.64	77.27	-0.1239	-0.0225	0.0194
658	SLU 20	1.34	0.55	78.22	-0.1286	-0.023	0.0184
658	SLU 21	1.34	0.64	78.24	-0.1261	-0.0229	0.0195
658	SLU 22	1.32	0.48	73.79	-0.1194	-0.0226	0.0163
658	SLU 23	1.31	0.63	73.83	-0.1152	-0.0225	0.0182
658	SLU 24	1.36	0.49	75.36	-0.1226	-0.0233	0.0165
658	SLU 25	1.35	0.58	75.38	-0.1201	-0.0232	0.0176
658	SLU 26	1.33	0.63	74.79	-0.1173	-0.0229	0.0183
658	SLU 27	1.38	0.48	76.32	-0.1247	-0.0237	0.0166
658	SLU 28	1.37	0.57	76.34	-0.1222	-0.0236	0.0177
658	SLU 29	1.36	0.48	75.72	-0.1237	-0.0235	0.0165
658	SLU 30	1.36	0.56	75.74	-0.1211	-0.0234	0.0176
658	SLU 31	1.38	0.77	81.72	-0.1243	-0.0234	0.0207
658	SLU 32	1.43	0.63	83.24	-0.1318	-0.0242	0.019
658	SLU 33	1.42	0.72	83.26	-0.1292	-0.0241	0.0202
658	SLU 34	1.41	0.77	82.68	-0.1265	-0.0238	0.0208
658	SLU 35	1.45	0.63	84.21	-0.1339	-0.0246	0.0191
658	SLU 36	1.44	0.71	84.23	-0.1314	-0.0245	0.0203
658	SLU 37	1.44	0.62	83.61	-0.1328	-0.0244	0.0191
658	SLU 38	1.43	0.71	83.63	-0.1303	-0.0243	0.0202
658	SLU 39	1.43	0.69	85.06	-0.1325	-0.0239	0.0199
658	SLU 40	1.42	0.77	85.08	-0.1299	-0.0238	0.0211
658	SLU 41	1.45	0.68	86.02	-0.1346	-0.0244	0.02
658	SLU 42	1.44	0.77	86.05	-0.1321	-0.0243	0.0212
658	SLU 43	1.55	0.42	83.1	-0.1453	-0.0271	0.0186
658	SLU 44	1.54	0.56	83.14	-0.1411	-0.027	0.0204
658	SLU 45	1.58	0.42	84.67	-0.1485	-0.0278	0.0187
658	SLU 46	1.58	0.51	84.69	-0.146	-0.0277	0.0199
658	SLU 47	1.56	0.56	84.1	-0.1432	-0.0274	0.0205
658	SLU 48	1.6	0.42	85.63	-0.1506	-0.0282	0.0188
658	SLU 49	1.6	0.5	85.65	-0.1481	-0.0281	0.0199
658	SLU 50	1.59	0.41	85.03	-0.1496	-0.028	0.0188
658	SLU 51	1.58	0.5	85.05	-0.1471	-0.0279	0.0199
658	SLU 52	1.61	0.7	91.03	-0.1502	-0.0279	0.0229
658	SLU 53	1.65	0.56	92.55	-0.1577	-0.0287	0.0213
658	SLU 54	1.65	0.65	92.57	-0.1551	-0.0286	0.0224
658	SLU 55	1.63	0.7	91.99	-0.1524	-0.0283	0.023
658	SLU 56	1.67	0.56	93.52	-0.1598	-0.0291	0.0214
658	SLU 57	1.67	0.65	93.54	-0.1573	-0.029	0.0225
658	SLU 58	1.66	0.55	92.92	-0.1588	-0.0289	0.0213
658	SLU 59	1.66	0.64	92.94	-0.1562	-0.0288	0.0224
658	SLU 60	1.65	0.62	94.37	-0.1584	-0.0284	0.0222
658	SLU 61	1.65	0.71	94.39	-0.1559	-0.0284	0.0233
658	SLU 62	1.67	0.62	95.33	-0.1605	-0.0289	0.0223
658	SLU 63	1.67	0.7	95.36	-0.158	-0.0288	0.0234
658	SLU 64	1.65	0.55	90.91	-0.1513	-0.0285	0.0202
658	SLU 65	1.64	0.69	90.95	-0.1471	-0.0284	0.022
658	SLU 66	1.69	0.55	92.47	-0.1545	-0.0292	0.0204
658	SLU 67	1.68	0.64	92.5	-0.152	-0.0291	0.0215
658	SLU 68	1.66	0.69	91.91	-0.1492	-0.0288	0.0221
658	SLU 69	1.71	0.55	93.44	-0.1567	-0.0296	0.0205
658	SLU 70	1.7	0.63	93.46	-0.1541	-0.0295	0.0216
658	SLU 71	1.69	0.54	92.84	-0.1556	-0.0294	0.0204
658	SLU 72	1.69	0.63	92.86	-0.1531	-0.0293	0.0215
658	SLU 73	1.71	0.83	98.83	-0.1563	-0.0293	0.0246
658	SLU 74	1.76	0.69	100.36	-0.1637	-0.0301	0.0229
658	SLU 75	1.75	0.78	100.38	-0.1612	-0.03	0.024
658	SLU 76	1.74	0.83	99.8	-0.1584	-0.0297	0.0247
658	SLU 77	1.78	0.69	101.33	-0.1658	-0.0305	0.023
658	SLU 78	1.77	0.77	101.35	-0.1633	-0.0304	0.0241
658	SLU 79	1.77	0.68	100.73	-0.1648	-0.0303	0.0229
658	SLU 80	1.76	0.77	100.75	-0.1623	-0.0302	0.024
658	SLU 81	1.76	0.75	102.18	-0.1644	-0.0298	0.0238
658	SLU 82	1.75	0.84	102.2	-0.1619	-0.0297	0.0249
658	SLU 83	1.78	0.74	103.14	-0.1666	-0.0303	0.0239
658	SLU 84	1.77	0.83	103.16	-0.164	-0.0302	0.025
658	SLE RA 1	1.25	0.39	68.22	-0.1151	-0.0216	0.0152
658	SLE RA 2	1.24	0.49	68.24	-0.1123	-0.0215	0.0164
658	SLE RA 3	1.27	0.39	69.26	-0.1172	-0.0221	0.0153
658	SLE RA 4	1.27	0.45	69.27	-0.1155	-0.022	0.016
658	SLE RA 5	1.26	0.49	68.88	-0.1137	-0.0218	0.0165
658	SLE RA 6	1.28	0.39	69.9	-0.1186	-0.0223	0.0154
658	SLE RA 7	1.28	0.45	69.91	-0.117	-0.0223	0.0161
658	SLE RA 8	1.28	0.39	69.5	-0.1179	-0.0222	0.0153
658	SLE RA 9	1.27	0.45	69.51	-0.1163	-0.0221	0.016
658	SLE RA 10	1.29	0.58	73.5	-0.1184	-0.0221	0.0181
658	SLE RA 11	1.32	0.49	74.52	-0.1233	-0.0227	0.017
658	SLE RA 12	1.31	0.55	74.53	-0.1216	-0.0226	0.0177
658	SLE RA 13	1.3	0.58	74.14	-0.1198	-0.0224	0.0182
658	SLE RA 14	1.33	0.49	75.16	-0.1248	-0.023	0.017
658	SLE RA 15	1.33	0.54	75.17	-0.1231	-0.0229	0.0178



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
658	SLE RA 16	1.32	0.48	74.76	-0.124	-0.0228	0.017
658	SLE RA 17	1.32	0.54	74.77	-0.1224	-0.0227	0.0177
658	SLE RA 18	1.32	0.53	75.73	-0.1238	-0.0225	0.0176
658	SLE RA 19	1.31	0.58	75.74	-0.1221	-0.0224	0.0183
658	SLE RA 20	1.33	0.52	76.37	-0.1252	-0.0228	0.0176
658	SLE RA 21	1.33	0.58	76.38	-0.1236	-0.0227	0.0184
658	SLE FR 1	1.25	0.39	68.22	-0.1151	-0.0216	0.0152
658	SLE FR 2	1.25	0.41	68.22	-0.1145	-0.0216	0.0154
658	SLE FR 3	1.25	0.39	68.47	-0.1156	-0.0217	0.0152
658	SLE FR 4	1.27	0.45	70.47	-0.1171	-0.0219	0.0161
658	SLE FR 5	1.27	0.43	70.73	-0.1183	-0.022	0.0159
658	SLE FR 6	1.28	0.46	71.97	-0.1194	-0.0221	0.0164
658	SLE QP 1	1.25	0.39	68.22	-0.1151	-0.0216	0.0152
658	SLE QP 2	1.27	0.43	70.47	-0.1177	-0.0219	0.0159
658	SLD 1	5.84	1.25	56.75	-0.084	0.0211	0.0132
658	SLD 2	5.84	2.05	56.76	-0.1004	0.0209	0.0241
658	SLD 3	5.87	-0.7	56.57	-0.0666	0.0197	-0.0042
658	SLD 4	5.88	0.09	56.59	-0.083	0.0195	0.0067
658	SLD 5	2.58	3.5	66.62	-0.1311	-0.0067	0.0396
658	SLD 6	2.59	4.02	66.63	-0.1418	-0.0068	0.0468
658	SLD 7	2.71	-3.02	66.02	-0.073	-0.0116	-0.0186
658	SLD 8	2.71	-2.49	66.04	-0.0838	-0.0118	-0.0114
658	SLD 9	-0.17	3.36	74.9	-0.1516	-0.032	0.0431
658	SLD 10	-0.17	3.88	74.92	-0.1624	-0.0321	0.0503
658	SLD 11	-0.05	-3.16	74.31	-0.0935	-0.037	-0.015
658	SLD 12	-0.04	-2.64	74.32	-0.1043	-0.0371	-0.0078
658	SLD 13	-3.34	0.77	84.35	-0.1524	-0.0633	0.0251
658	SLD 14	-3.34	1.57	84.37	-0.1688	-0.0634	0.036
658	SLD 15	-3.31	-1.18	84.17	-0.135	-0.0647	0.0077
658	SLD 16	-3.3	-0.39	84.19	-0.1513	-0.0649	0.0186
658	SLV 1	11.96	2.29	38.35	-0.038	0.0788	0.009
658	SLV 2	11.97	4.13	38.39	-0.076	0.0784	0.0344
658	SLV 3	12.04	-2.14	37.93	0.0024	0.0754	-0.0305
658	SLV 4	12.06	-0.3	37.97	-0.0357	0.0749	-0.0051
658	SLV 5	4.34	7.39	61.46	-0.1483	0.0136	0.0694
658	SLV 6	4.35	8.59	61.49	-0.1729	0.0134	0.0858
658	SLV 7	4.63	-7.38	60.06	-0.0139	0.0021	-0.0624
658	SLV 8	4.64	-6.19	60.09	-0.0385	0.0018	-0.046
658	SLV 9	-2.1	7.06	80.85	-0.1968	-0.0456	0.0777
658	SLV 10	-2.09	8.25	80.88	-0.2214	-0.0459	0.0942
658	SLV 11	-1.81	-7.72	79.45	-0.0624	-0.0571	-0.054
658	SLV 12	-1.8	-6.53	79.48	-0.087	-0.0574	-0.0376
658	SLV 13	-9.52	1.17	102.97	-0.1997	-0.1187	0.0369
658	SLV 14	-9.51	3.01	103.01	-0.2377	-0.1192	0.0623
658	SLV 15	-9.43	-3.27	102.55	-0.1594	-0.1222	-0.0026
658	SLV 16	-9.42	-1.42	102.59	-0.1974	-0.1226	0.0228
658	CRTFP Ux+	0	0	0	0	0	0
658	CRTFP Ux-	0	0	0	0	0	0
658	CRTFP Uy+	0	0	0	0	0	0
658	CRTFP Uy-	0	0	0	0	0	0
659	SLU 1	1.24	0.43	66.68	-0.1002	-0.0225	0.0145
659	SLU 2	1.23	0.59	66.71	-0.096	-0.0223	0.0163
659	SLU 3	1.28	0.44	68.27	-0.1032	-0.0232	0.0147
659	SLU 4	1.27	0.53	68.29	-0.1006	-0.0231	0.0157
659	SLU 5	1.25	0.58	67.69	-0.098	-0.0228	0.0164
659	SLU 6	1.3	0.43	69.25	-0.1051	-0.0237	0.0147
659	SLU 7	1.29	0.53	69.26	-0.1026	-0.0236	0.0158
659	SLU 8	1.29	0.42	68.64	-0.1042	-0.0234	0.0146
659	SLU 9	1.28	0.52	68.66	-0.1017	-0.0233	0.0157
659	SLU 10	1.31	0.74	74.63	-0.1037	-0.0233	0.0188
659	SLU 11	1.35	0.59	76.18	-0.1108	-0.0242	0.0172
659	SLU 12	1.34	0.68	76.2	-0.1083	-0.0241	0.0183
659	SLU 13	1.33	0.74	75.61	-0.1057	-0.0237	0.0189
659	SLU 14	1.37	0.59	77.16	-0.1128	-0.0246	0.0173
659	SLU 15	1.37	0.68	77.18	-0.1103	-0.0245	0.0183
659	SLU 16	1.36	0.58	76.55	-0.1119	-0.0244	0.0172
659	SLU 17	1.35	0.67	76.57	-0.1093	-0.0243	0.0182
659	SLU 18	1.35	0.65	77.99	-0.1112	-0.0239	0.0181
659	SLU 19	1.34	0.74	78.01	-0.1087	-0.0237	0.0192
659	SLU 20	1.37	0.65	78.97	-0.1132	-0.0243	0.0182
659	SLU 21	1.36	0.74	78.99	-0.1106	-0.0242	0.0192
659	SLU 22	1.35	0.57	74.54	-0.1049	-0.024	0.0162
659	SLU 23	1.34	0.72	74.57	-0.1007	-0.0238	0.018
659	SLU 24	1.38	0.57	76.12	-0.1078	-0.0247	0.0164
659	SLU 25	1.38	0.67	76.14	-0.1053	-0.0246	0.0175
659	SLU 26	1.36	0.72	75.54	-0.1027	-0.0242	0.0181
659	SLU 27	1.4	0.57	77.1	-0.1098	-0.0251	0.0165
659	SLU 28	1.4	0.66	77.12	-0.1073	-0.025	0.0175
659	SLU 29	1.39	0.56	76.49	-0.1089	-0.0249	0.0164
659	SLU 30	1.39	0.66	76.51	-0.1063	-0.0248	0.0174
659	SLU 31	1.41	0.88	82.48	-0.1084	-0.0247	0.0205
659	SLU 32	1.46	0.73	84.04	-0.1155	-0.0256	0.0189
659	SLU 33	1.45	0.82	84.05	-0.113	-0.0255	0.02
659	SLU 34	1.43	0.87	83.46	-0.1103	-0.0252	0.0206
659	SLU 35	1.48	0.72	85.01	-0.1175	-0.0261	0.019
659	SLU 36	1.47	0.82	85.03	-0.1149	-0.026	0.0201
659	SLU 37	1.47	0.72	84.41	-0.1165	-0.0258	0.0189
659	SLU 38	1.46	0.81	84.43	-0.114	-0.0257	0.02
659	SLU 39	1.46	0.79	85.85	-0.1159	-0.0253	0.0198



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
659	SLU 40	1.45	0.88	85.86	-0.1133	-0.0252	0.0209
659	SLU 41	1.48	0.79	86.82	-0.1179	-0.0258	0.0199
659	SLU 42	1.47	0.88	86.84	-0.1153	-0.0256	0.021
659	SLU 43	1.58	0.51	84	-0.1287	-0.0288	0.0182
659	SLU 44	1.57	0.67	84.03	-0.1245	-0.0286	0.02
659	SLU 45	1.61	0.52	85.58	-0.1316	-0.0295	0.0184
659	SLU 46	1.61	0.61	85.6	-0.1291	-0.0294	0.0195
659	SLU 47	1.59	0.66	85	-0.1265	-0.0291	0.0201
659	SLU 48	1.64	0.51	86.56	-0.1336	-0.03	0.0185
659	SLU 49	1.63	0.61	86.58	-0.1311	-0.0299	0.0196
659	SLU 50	1.62	0.51	85.95	-0.1327	-0.0297	0.0184
659	SLU 51	1.62	0.6	85.97	-0.1301	-0.0296	0.0195
659	SLU 52	1.64	0.82	91.94	-0.1322	-0.0295	0.0225
659	SLU 53	1.69	0.67	93.5	-0.1393	-0.0304	0.0209
659	SLU 54	1.68	0.76	93.51	-0.1368	-0.0303	0.022
659	SLU 55	1.67	0.82	92.92	-0.1341	-0.03	0.0226
659	SLU 56	1.71	0.67	94.47	-0.1413	-0.0309	0.021
659	SLU 57	1.7	0.76	94.49	-0.1387	-0.0308	0.0221
659	SLU 58	1.7	0.66	93.87	-0.1403	-0.0306	0.0209
659	SLU 59	1.69	0.75	93.89	-0.1378	-0.0305	0.022
659	SLU 60	1.69	0.73	95.31	-0.1397	-0.0301	0.0218
659	SLU 61	1.68	0.83	95.32	-0.1371	-0.03	0.0229
659	SLU 62	1.71	0.73	96.28	-0.1417	-0.0306	0.0219
659	SLU 63	1.7	0.82	96.3	-0.1391	-0.0305	0.023
659	SLU 64	1.69	0.65	91.85	-0.1334	-0.0302	0.0199
659	SLU 65	1.68	0.81	91.88	-0.1292	-0.03	0.0217
659	SLU 66	1.72	0.66	93.43	-0.1363	-0.0309	0.0201
659	SLU 67	1.71	0.75	93.45	-0.1338	-0.0308	0.0212
659	SLU 68	1.7	0.8	92.86	-0.1311	-0.0305	0.0218
659	SLU 69	1.74	0.65	94.41	-0.1383	-0.0314	0.0202
659	SLU 70	1.73	0.75	94.43	-0.1357	-0.0313	0.0213
659	SLU 71	1.73	0.64	93.8	-0.1374	-0.0312	0.0201
659	SLU 72	1.72	0.74	93.82	-0.1348	-0.031	0.0212
659	SLU 73	1.75	0.96	99.79	-0.1368	-0.031	0.0243
659	SLU 74	1.79	0.81	101.35	-0.144	-0.0319	0.0227
659	SLU 75	1.79	0.9	101.37	-0.1414	-0.0318	0.0237
659	SLU 76	1.77	0.96	100.77	-0.1388	-0.0314	0.0244
659	SLU 77	1.82	0.81	102.33	-0.1459	-0.0323	0.0227
659	SLU 78	1.81	0.9	102.34	-0.1434	-0.0322	0.0238
659	SLU 79	1.8	0.8	101.72	-0.145	-0.0321	0.0226
659	SLU 80	1.8	0.89	101.74	-0.1425	-0.032	0.0237
659	SLU 81	1.79	0.87	103.16	-0.1443	-0.0316	0.0235
659	SLU 82	1.79	0.96	103.18	-0.1418	-0.0314	0.0246
659	SLU 83	1.81	0.87	104.14	-0.1463	-0.032	0.0236
659	SLU 84	1.81	0.96	104.15	-0.1438	-0.0319	0.0247
659	SLE RA 1	1.27	0.47	68.93	-0.1016	-0.0229	0.015
659	SLE RA 2	1.27	0.57	68.95	-0.0988	-0.0228	0.0162
659	SLE RA 3	1.3	0.47	69.98	-0.1035	-0.0234	0.0151
659	SLE RA 4	1.29	0.54	70	-0.1018	-0.0233	0.0158
659	SLE RA 5	1.28	0.57	69.6	-0.1001	-0.0231	0.0162
659	SLE RA 6	1.31	0.47	70.64	-0.1048	-0.0237	0.0151
659	SLE RA 7	1.31	0.53	70.65	-0.1031	-0.0236	0.0159
659	SLE RA 8	1.3	0.47	70.23	-0.1042	-0.0236	0.0151
659	SLE RA 9	1.3	0.53	70.24	-0.1025	-0.0235	0.0158
659	SLE RA 10	1.32	0.68	74.22	-0.1039	-0.0234	0.0178
659	SLE RA 11	1.35	0.58	75.26	-0.1086	-0.024	0.0168
659	SLE RA 12	1.34	0.64	75.27	-0.1069	-0.024	0.0175
659	SLE RA 13	1.33	0.67	74.88	-0.1052	-0.0237	0.0179
659	SLE RA 14	1.36	0.57	75.91	-0.1099	-0.0243	0.0168
659	SLE RA 15	1.36	0.64	75.92	-0.1083	-0.0243	0.0175
659	SLE RA 16	1.35	0.57	75.51	-0.1093	-0.0242	0.0168
659	SLE RA 17	1.35	0.63	75.52	-0.1076	-0.0241	0.0175
659	SLE RA 18	1.34	0.62	76.47	-0.1089	-0.0238	0.0174
659	SLE RA 19	1.34	0.68	76.48	-0.1072	-0.0238	0.0181
659	SLE RA 20	1.36	0.62	77.12	-0.1102	-0.0241	0.0174
659	SLE RA 21	1.35	0.68	77.13	-0.1085	-0.0241	0.0181
659	SLE FR 1	1.27	0.47	68.93	-0.1016	-0.0229	0.015
659	SLE FR 2	1.27	0.49	68.93	-0.101	-0.0229	0.0152
659	SLE FR 3	1.28	0.47	69.19	-0.1021	-0.0231	0.015
659	SLE FR 4	1.29	0.54	71.19	-0.1032	-0.0232	0.0159
659	SLE FR 5	1.3	0.51	71.45	-0.1043	-0.0233	0.0157
659	SLE FR 6	1.31	0.54	72.7	-0.1052	-0.0234	0.0162
659	SLE QP 1	1.27	0.47	68.93	-0.1016	-0.0229	0.015
659	SLE QP 2	1.3	0.51	71.19	-0.1038	-0.0232	0.0157
659	SLD 1	5.85	0.85	56.08	-0.0694	0.019	0.0235
659	SLD 2	5.86	1.7	56.1	-0.0864	0.0189	0.035
659	SLD 3	5.89	-1.2	55.93	-0.0555	0.0208	0.0047
659	SLD 4	5.9	-0.35	55.96	-0.0725	0.0206	0.0162
659	SLD 5	2.6	3.57	66.87	-0.1114	-0.0132	0.0444
659	SLD 6	2.61	4.13	66.89	-0.1227	-0.0133	0.052
659	SLD 7	2.73	-3.26	66.39	-0.0652	-0.0073	-0.0182
659	SLD 8	2.74	-2.7	66.41	-0.0764	-0.0074	-0.0106
659	SLD 9	-0.14	3.73	75.97	-0.1311	-0.039	0.0419
659	SLD 10	-0.14	4.29	75.99	-0.1424	-0.0391	0.0495
659	SLD 11	-0.02	-3.1	75.49	-0.0849	-0.0331	-0.0207
659	SLD 12	-0.01	-2.54	75.51	-0.0961	-0.0332	-0.0131
659	SLD 13	-3.31	1.38	86.42	-0.135	-0.067	0.0151
659	SLD 14	-3.3	2.23	86.44	-0.1521	-0.0672	0.0267
659	SLD 15	-3.27	-0.67	86.28	-0.1211	-0.0653	-0.0037



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
659	SLD 16	-3.26	0.18	86.3	-0.1382	-0.0655	0.0079
659	SLV 1	11.95	1.23	35.82	-0.0225	-0.0757	0.0333
659	SLV 2	11.97	3.21	35.88	-0.0622	0.0753	0.0602
659	SLV 3	12.04	-3.42	35.48	0.0098	0.0799	-0.0093
659	SLV 4	12.06	-1.44	35.54	-0.0299	0.0794	0.0177
659	SLV 5	4.35	7.43	61.08	-0.1215	0.0002	0.0808
659	SLV 6	4.36	8.71	61.12	-0.1472	0	0.0983
659	SLV 7	4.65	-8.06	59.96	-0.0138	0.0141	-0.061
659	SLV 8	4.66	-6.77	60	-0.0395	0.0138	-0.0436
659	SLV 9	-2.07	7.8	82.38	-0.168	-0.0602	0.075
659	SLV 10	-2.06	9.09	82.42	-0.1937	-0.0605	0.0924
659	SLV 11	-1.77	-7.68	81.26	-0.0604	-0.0464	-0.0669
659	SLV 12	-1.76	-6.4	81.3	-0.0861	-0.0467	-0.0495
659	SLV 13	-9.47	2.47	106.84	-0.1777	-0.1258	0.0137
659	SLV 14	-9.45	4.45	106.9	-0.2174	-0.1263	0.0406
659	SLV 15	-9.38	-2.18	106.5	-0.1454	-0.1217	-0.0289
659	SLV 16	-9.36	-0.2	106.56	-0.1851	-0.1221	-0.0019
659	CRTFP Ux+	0	0	0	0	0	0
659	CRTFP Ux-	0	0	0	0	0	0
659	CRTFP Uy+	0	0	0	0	0	0
659	CRTFP Uy-	0	0	0	0	0	0
660	SLU 1	1.27	0.5	67.48	-0.0876	-0.0275	0.0137
660	SLU 2	1.25	0.67	67.5	-0.0833	-0.0273	0.0153
660	SLU 3	1.3	0.51	69.09	-0.0902	-0.0283	0.0138
660	SLU 4	1.29	0.61	69.1	-0.0876	-0.0282	0.0148
660	SLU 5	1.28	0.67	68.49	-0.0851	-0.0278	0.0154
660	SLU 6	1.32	0.51	70.08	-0.092	-0.0289	0.0139
660	SLU 7	1.31	0.61	70.09	-0.0894	-0.0287	0.0149
660	SLU 8	1.31	0.5	69.46	-0.0912	-0.0286	0.0138
660	SLU 9	1.3	0.6	69.48	-0.0886	-0.0284	0.0148
660	SLU 10	1.33	0.84	75.45	-0.0895	-0.0287	0.0177
660	SLU 11	1.38	0.68	77.04	-0.0964	-0.0297	0.0162
660	SLU 12	1.37	0.78	77.05	-0.0938	-0.0296	0.0172
660	SLU 13	1.35	0.83	76.45	-0.0913	-0.0292	0.0178
660	SLU 14	1.4	0.67	78.03	-0.0982	-0.0303	0.0163
660	SLU 15	1.39	0.77	78.05	-0.0956	-0.0302	0.0173
660	SLU 16	1.38	0.67	77.42	-0.0974	-0.03	0.0162
660	SLU 17	1.38	0.76	77.43	-0.0948	-0.0299	0.0172
660	SLU 18	1.37	0.74	78.84	-0.0964	-0.0295	0.0171
660	SLU 19	1.37	0.84	78.85	-0.0939	-0.0294	0.0181
660	SLU 20	1.4	0.74	79.83	-0.0982	-0.03	0.0172
660	SLU 21	1.39	0.84	79.84	-0.0957	-0.0299	0.0182
660	SLU 22	1.37	0.65	75.38	-0.0909	-0.0294	0.0154
660	SLU 23	1.36	0.82	75.41	-0.0867	-0.0292	0.017
660	SLU 24	1.41	0.66	76.99	-0.0935	-0.0303	0.0156
660	SLU 25	1.4	0.76	77.01	-0.091	-0.0302	0.0166
660	SLU 26	1.38	0.81	76.4	-0.0885	-0.0298	0.0171
660	SLU 27	1.43	0.65	77.99	-0.0953	-0.0308	0.0157
660	SLU 28	1.42	0.75	78	-0.0928	-0.0307	0.0166
660	SLU 29	1.42	0.65	77.37	-0.0945	-0.0305	0.0156
660	SLU 30	1.41	0.74	77.38	-0.092	-0.0304	0.0165
660	SLU 31	1.44	0.98	83.36	-0.0929	-0.0306	0.0194
660	SLU 32	1.48	0.82	84.94	-0.0997	-0.0317	0.018
660	SLU 33	1.48	0.92	84.96	-0.0972	-0.0316	0.019
660	SLU 34	1.46	0.98	84.35	-0.0947	-0.0312	0.0195
660	SLU 35	1.5	0.82	85.94	-0.1015	-0.0323	0.0181
660	SLU 36	1.5	0.92	85.95	-0.099	-0.0321	0.019
660	SLU 37	1.49	0.81	85.32	-0.1007	-0.032	0.018
660	SLU 38	1.48	0.91	85.34	-0.0982	-0.0318	0.0189
660	SLU 39	1.48	0.89	86.74	-0.0998	-0.0315	0.0188
660	SLU 40	1.47	0.99	86.76	-0.0972	-0.0313	0.0198
660	SLU 41	1.5	0.89	87.74	-0.1016	-0.032	0.0189
660	SLU 42	1.5	0.99	87.75	-0.099	-0.0319	0.0199
660	SLU 43	1.61	0.61	85.01	-0.1127	-0.035	0.0172
660	SLU 44	1.6	0.77	85.03	-0.1084	-0.0348	0.0188
660	SLU 45	1.64	0.61	86.62	-0.1153	-0.0359	0.0173
660	SLU 46	1.64	0.71	86.63	-0.1127	-0.0358	0.0183
660	SLU 47	1.62	0.77	86.03	-0.1102	-0.0354	0.0189
660	SLU 48	1.66	0.61	87.61	-0.1171	-0.0364	0.0174
660	SLU 49	1.66	0.71	87.63	-0.1145	-0.0363	0.0184
660	SLU 50	1.65	0.6	87	-0.1163	-0.0361	0.0173
660	SLU 51	1.65	0.7	87.01	-0.1137	-0.036	0.0183
660	SLU 52	1.67	0.94	92.98	-0.1146	-0.0362	0.0212
660	SLU 53	1.72	0.78	94.57	-0.1215	-0.0373	0.0197
660	SLU 54	1.71	0.88	94.58	-0.1189	-0.0372	0.0207
660	SLU 55	1.69	0.93	93.98	-0.1164	-0.0368	0.0213
660	SLU 56	1.74	0.78	95.56	-0.1233	-0.0379	0.0198
660	SLU 57	1.73	0.87	95.58	-0.1207	-0.0377	0.0208
660	SLU 58	1.73	0.77	94.95	-0.1225	-0.0376	0.0197
660	SLU 59	1.72	0.87	94.96	-0.1199	-0.0374	0.0207
660	SLU 60	1.72	0.84	96.37	-0.1215	-0.0371	0.0206
660	SLU 61	1.71	0.94	96.38	-0.119	-0.0369	0.0216
660	SLU 62	1.74	0.84	97.36	-0.1233	-0.0376	0.0207
660	SLU 63	1.73	0.94	97.38	-0.1208	-0.0375	0.0217
660	SLU 64	1.72	0.75	92.92	-0.116	-0.037	0.0189
660	SLU 65	1.7	0.92	92.94	-0.1118	-0.0368	0.0205
660	SLU 66	1.75	0.76	94.52	-0.1186	-0.0379	0.0191
660	SLU 67	1.74	0.86	94.54	-0.1161	-0.0377	0.0201
660	SLU 68	1.73	0.91	93.93	-0.1136	-0.0373	0.0206



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
660	SLU 69	1.77	0.76	95.52	-0.1204	-0.0384	0.0192
660	SLU 70	1.77	0.85	95.53	-0.1179	-0.0383	0.0201
660	SLU 71	1.76	0.75	94.9	-0.1197	-0.0381	0.0191
660	SLU 72	1.75	0.85	94.92	-0.1171	-0.038	0.02
660	SLU 73	1.78	1.08	100.89	-0.118	-0.0382	0.0229
660	SLU 74	1.83	0.93	102.48	-0.1248	-0.0393	0.0215
660	SLU 75	1.82	1.02	102.49	-0.1223	-0.0391	0.0225
660	SLU 76	1.8	1.08	101.88	-0.1198	-0.0388	0.023
660	SLU 77	1.85	0.92	103.47	-0.1266	-0.0398	0.0216
660	SLU 78	1.84	1.02	103.48	-0.1241	-0.0397	0.0225
660	SLU 79	1.83	0.91	102.86	-0.1259	-0.0395	0.0215
660	SLU 80	1.83	1.01	102.87	-0.1233	-0.0394	0.0224
660	SLU 81	1.82	0.99	104.28	-0.1249	-0.039	0.0223
660	SLU 82	1.82	1.09	104.29	-0.1223	-0.0389	0.0233
660	SLU 83	1.85	0.99	105.27	-0.1267	-0.0396	0.0224
660	SLU 84	1.84	1.09	105.28	-0.1242	-0.0394	0.0234
660	SLE RA 1	1.3	0.55	69.74	-0.0885	-0.028	0.0142
660	SLE RA 2	1.29	0.66	69.75	-0.0857	-0.0279	0.0152
660	SLE RA 3	1.32	0.55	70.81	-0.0903	-0.0286	0.0143
660	SLE RA 4	1.31	0.62	70.82	-0.0886	-0.0285	0.0149
660	SLE RA 5	1.3	0.65	70.41	-0.0869	-0.0283	0.0153
660	SLE RA 6	1.33	0.55	71.47	-0.0915	-0.029	0.0143
660	SLE RA 7	1.33	0.61	71.48	-0.0898	-0.0289	0.015
660	SLE RA 8	1.33	0.54	71.06	-0.0909	-0.0288	0.0143
660	SLE RA 9	1.32	0.61	71.07	-0.0892	-0.0287	0.0149
660	SLE RA 10	1.34	0.77	75.05	-0.0898	-0.0288	0.0168
660	SLE RA 11	1.37	0.66	76.11	-0.0944	-0.0295	0.0159
660	SLE RA 12	1.37	0.73	76.12	-0.0927	-0.0295	0.0165
660	SLE RA 13	1.35	0.77	75.72	-0.091	-0.0292	0.0169
660	SLE RA 14	1.38	0.66	76.77	-0.0956	-0.0299	0.0159
660	SLE RA 15	1.38	0.73	76.78	-0.0939	-0.0298	0.0166
660	SLE RA 16	1.38	0.65	76.36	-0.0951	-0.0297	0.0159
660	SLE RA 17	1.37	0.72	76.37	-0.0934	-0.0296	0.0165
660	SLE RA 18	1.37	0.71	77.31	-0.0944	-0.0294	0.0164
660	SLE RA 19	1.36	0.77	77.32	-0.0927	-0.0293	0.0171
660	SLE RA 20	1.38	0.7	77.97	-0.0956	-0.0298	0.0165
660	SLE RA 21	1.38	0.77	77.98	-0.0939	-0.0297	0.0172
660	SLE FR 1	1.3	0.55	69.74	-0.0885	-0.028	0.0142
660	SLE FR 2	1.3	0.57	69.74	-0.0888	-0.028	0.0144
660	SLE FR 3	1.3	0.55	70	-0.089	-0.0282	0.0142
660	SLE FR 4	1.32	0.62	72.01	-0.0897	-0.0284	0.0151
660	SLE FR 5	1.32	0.59	72.27	-0.0908	-0.0286	0.0149
660	SLE FR 6	1.33	0.63	73.52	-0.0915	-0.0287	0.0153
660	SLE QP 1	1.3	0.55	69.74	-0.0885	-0.028	0.0142
660	SLE QP 2	1.32	0.59	72.01	-0.0903	-0.0284	0.0148
660	SLD 1	5.86	1.5	55.47	-0.0553	0.0157	0.0236
660	SLD 2	5.87	2.41	55.5	-0.0731	0.0155	0.0355
660	SLD 3	5.9	-0.65	55.35	-0.0441	0.0177	0.0043
660	SLD 4	5.91	0.26	55.38	-0.0619	0.0175	0.0163
660	SLD 5	2.62	3.96	67.22	-0.0935	-0.0182	0.0445
660	SLD 6	2.62	4.56	67.24	-0.1053	-0.0184	0.0524
660	SLD 7	2.75	-3.2	66.82	-0.0563	-0.0115	-0.0197
660	SLD 8	2.75	-2.6	66.85	-0.068	-0.0116	-0.0118
660	SLD 9	-0.12	3.79	77.17	-0.1125	-0.0452	0.0415
660	SLD 10	-0.11	4.39	77.19	-0.1243	-0.0454	0.0494
660	SLD 11	0.01	-3.37	76.77	-0.0753	-0.0385	-0.0227
660	SLD 12	0.02	-2.77	76.79	-0.0871	-0.0387	-0.0148
660	SLD 13	-3.27	0.93	88.63	-0.1187	-0.0744	0.0134
660	SLD 14	-3.26	1.84	88.66	-0.1365	-0.0746	0.0254
660	SLD 15	-3.23	-1.22	88.51	-0.1075	-0.0724	-0.0058
660	SLD 16	-3.22	-0.31	88.55	-0.1253	-0.0726	0.0061
660	SLV 1	11.94	2.63	33.3	-0.0078	0.0748	0.0347
660	SLV 2	11.96	4.75	33.37	-0.0492	0.0744	0.0625
660	SLV 3	12.03	-2.24	33.02	0.0183	0.0796	-0.009
660	SLV 4	12.05	-0.12	33.09	-0.0231	0.0791	0.0188
660	SLV 5	4.37	8.23	60.81	-0.0979	-0.0045	0.0822
660	SLV 6	4.38	9.6	60.86	-0.1248	-0.0048	0.1002
660	SLV 7	4.67	-8.01	59.87	-0.0109	0.0112	-0.0634
660	SLV 8	4.68	-6.64	59.92	-0.0378	0.0109	-0.0454
660	SLV 9	-2.04	7.83	84.09	-0.1428	-0.0678	0.0751
660	SLV 10	-2.03	9.2	84.14	-0.1697	-0.0681	0.0931
660	SLV 11	-1.74	-8.41	83.16	-0.0558	-0.0521	-0.0705
660	SLV 12	-1.73	-7.04	83.21	-0.0827	-0.0524	-0.0525
660	SLV 13	-9.41	1.31	110.92	-0.1575	-0.136	0.0109
660	SLV 14	-9.4	3.43	111	-0.1989	-0.1364	0.0387
660	SLV 15	-9.32	-3.56	110.64	-0.1314	-0.1313	-0.0328
660	SLV 16	-9.31	-1.44	110.72	-0.1728	-0.1317	-0.005
660	CRTFP Ux+	0	0	0	0	0	0
660	CRTFP Ux-	0	0	0	0	0	0
660	CRTFP Uy+	0	0	0	0	0	0
660	CRTFP Uy-	0	0	0	0	0	0
661	SLU 1	1.28	0.57	68.54	-0.0752	-0.0396	0.0122
661	SLU 2	1.27	0.74	68.55	-0.0709	-0.0394	0.0135
661	SLU 3	1.32	0.58	70.18	-0.0775	-0.0408	0.0124
661	SLU 4	1.31	0.68	70.19	-0.0749	-0.0407	0.0132
661	SLU 5	1.29	0.74	69.56	-0.0725	-0.0401	0.0136
661	SLU 6	1.34	0.58	71.19	-0.0791	-0.0416	0.0124
661	SLU 7	1.33	0.68	71.2	-0.0766	-0.0414	0.0132
661	SLU 8	1.33	0.57	70.56	-0.0785	-0.0411	0.0123



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
661	SLU 9	1.32	0.67	70.57	-0.0759	-0.041	0.0131
661	SLU 10	1.35	0.92	76.57	-0.0423	-0.0423	0.0157
661	SLU 11	1.4	0.76	78.2	-0.0823	-0.0437	0.0145
661	SLU 12	1.39	0.86	78.2	-0.0797	-0.0435	0.0153
661	SLU 13	1.37	0.92	77.58	-0.0773	-0.043	0.0157
661	SLU 14	1.42	0.76	79.21	-0.0839	-0.0444	0.0146
661	SLU 15	1.41	0.86	79.22	-0.0813	-0.0443	0.0154
661	SLU 16	1.4	0.75	78.58	-0.0832	-0.044	0.0145
661	SLU 17	1.4	0.85	78.59	-0.0807	-0.0439	0.0153
661	SLU 18	1.39	0.83	79.99	-0.082	-0.0437	0.0153
661	SLU 19	1.39	0.93	80	-0.0794	-0.0436	0.0161
661	SLU 20	1.42	0.83	81	-0.0836	-0.0445	0.0153
661	SLU 21	1.41	0.93	81.01	-0.0811	-0.0443	0.0161
661	SLU 22	1.39	0.73	76.53	-0.0773	-0.0431	0.0139
661	SLU 23	1.38	0.9	76.54	-0.073	-0.0428	0.0152
661	SLU 24	1.43	0.73	78.17	-0.0796	-0.0442	0.014
661	SLU 25	1.42	0.84	78.18	-0.077	-0.0441	0.0148
661	SLU 26	1.4	0.9	77.55	-0.0746	-0.0436	0.0152
661	SLU 27	1.45	0.73	79.18	-0.0812	-0.045	0.0141
661	SLU 28	1.44	0.83	79.19	-0.0787	-0.0448	0.0149
661	SLU 29	1.44	0.72	78.55	-0.0806	-0.0446	0.014
661	SLU 30	1.43	0.83	78.56	-0.078	-0.0444	0.0148
661	SLU 31	1.46	1.08	84.56	-0.0778	-0.0457	0.0173
661	SLU 32	1.5	0.91	86.19	-0.0843	-0.0471	0.0162
661	SLU 33	1.5	1.02	86.19	-0.0818	-0.047	0.017
661	SLU 34	1.48	1.08	85.57	-0.0794	-0.0464	0.0174
661	SLU 35	1.53	0.91	87.2	-0.086	-0.0479	0.0162
661	SLU 36	1.52	1.01	87.21	-0.0834	-0.0477	0.017
661	SLU 37	1.51	0.9	86.57	-0.0853	-0.0474	0.0161
661	SLU 38	1.51	1.01	86.58	-0.0828	-0.0473	0.0169
661	SLU 39	1.5	0.98	87.98	-0.0841	-0.0471	0.0169
661	SLU 40	1.49	1.09	87.99	-0.0815	-0.047	0.0177
661	SLU 41	1.52	0.98	88.99	-0.0857	-0.0479	0.017
661	SLU 42	1.52	1.08	89	-0.0832	-0.0478	0.0178
661	SLU 43	1.63	0.69	86.36	-0.097	-0.0504	0.0153
661	SLU 44	1.62	0.86	86.37	-0.0927	-0.0501	0.0166
661	SLU 45	1.67	0.7	88	-0.0993	-0.0515	0.0155
661	SLU 46	1.66	0.8	88.01	-0.0968	-0.0514	0.0163
661	SLU 47	1.64	0.86	87.39	-0.0944	-0.0509	0.0167
661	SLU 48	1.69	0.69	89.01	-0.101	-0.0523	0.0155
661	SLU 49	1.68	0.8	89.02	-0.0984	-0.0521	0.0163
661	SLU 50	1.68	0.69	88.38	-0.1003	-0.0519	0.0154
661	SLU 51	1.67	0.79	88.39	-0.0977	-0.0517	0.0162
661	SLU 52	1.7	1.04	94.39	-0.0975	-0.053	0.0188
661	SLU 53	1.74	0.88	96.02	-0.1041	-0.0544	0.0176
661	SLU 54	1.74	0.98	96.03	-0.1015	-0.0542	0.0184
661	SLU 55	1.72	1.04	95.4	-0.0991	-0.0537	0.0188
661	SLU 56	1.76	0.87	97.03	-0.1057	-0.0551	0.0177
661	SLU 57	1.76	0.98	97.04	-0.1032	-0.055	0.0185
661	SLU 58	1.75	0.86	96.4	-0.1051	-0.0547	0.0176
661	SLU 59	1.74	0.97	96.41	-0.1025	-0.0546	0.0184
661	SLU 60	1.74	0.95	97.81	-0.1038	-0.0544	0.0184
661	SLU 61	1.73	1.05	97.82	-0.1013	-0.0543	0.0192
661	SLU 62	1.76	0.94	98.83	-0.1055	-0.0552	0.0184
661	SLU 63	1.76	1.05	98.83	-0.1029	-0.055	0.0192
661	SLU 64	1.74	0.85	94.35	-0.0991	-0.0538	0.0169
661	SLU 65	1.73	1.02	94.36	-0.0948	-0.0535	0.0183
661	SLU 66	1.78	0.85	95.99	-0.1014	-0.055	0.0171
661	SLU 67	1.77	0.96	96	-0.0988	-0.0548	0.0179
661	SLU 68	1.75	1.02	95.38	-0.0965	-0.0543	0.0183
661	SLU 69	1.8	0.85	97	-0.1031	-0.0557	0.0172
661	SLU 70	1.79	0.95	97.01	-0.1005	-0.0556	0.018
661	SLU 71	1.78	0.84	96.37	-0.1024	-0.0553	0.0171
661	SLU 72	1.78	0.94	96.38	-0.0998	-0.0551	0.0179
661	SLU 73	1.81	1.2	102.38	-0.0996	-0.0564	0.0204
661	SLU 74	1.85	1.03	104.01	-0.1062	-0.0578	0.0193
661	SLU 75	1.84	1.13	104.02	-0.1036	-0.0577	0.0201
661	SLU 76	1.83	1.19	103.39	-0.1012	-0.0571	0.0205
661	SLU 77	1.87	1.03	105.02	-0.1078	-0.0586	0.0193
661	SLU 78	1.87	1.13	105.03	-0.1053	-0.0584	0.0201
661	SLU 79	1.86	1.02	104.39	-0.1072	-0.0581	0.0192
661	SLU 80	1.85	1.12	104.4	-0.1046	-0.058	0.02
661	SLU 81	1.85	1.1	105.8	-0.1059	-0.0579	0.02
661	SLU 82	1.84	1.21	105.81	-0.1034	-0.0577	0.0208
661	SLU 83	1.87	1.1	106.82	-0.1076	-0.0586	0.0201
661	SLU 84	1.86	1.2	106.83	-0.105	-0.0585	0.0209
661	SLE RA 1	1.31	0.62	70.82	-0.0758	-0.0406	0.0127
661	SLE RA 2	1.31	0.73	70.83	-0.0729	-0.0405	0.0136
661	SLE RA 3	1.34	0.62	71.91	-0.0773	-0.0414	0.0128
661	SLE RA 4	1.33	0.69	71.92	-0.0756	-0.0413	0.0133
661	SLE RA 5	1.32	0.73	71.5	-0.074	-0.041	0.0136
661	SLE RA 6	1.35	0.62	72.59	-0.0784	-0.0419	0.0128
661	SLE RA 7	1.35	0.69	72.59	-0.0767	-0.0418	0.0134
661	SLE RA 8	1.34	0.61	72.17	-0.078	-0.0416	0.0128
661	SLE RA 9	1.34	0.68	72.18	-0.0763	-0.0415	0.0133
661	SLE RA 10	1.36	0.85	76.17	-0.0761	-0.0424	0.015
661	SLE RA 11	1.39	0.74	77.26	-0.0805	-0.0433	0.0142
661	SLE RA 12	1.38	0.81	77.26	-0.0788	-0.0432	0.0147
661	SLE RA 13	1.37	0.85	76.85	-0.0772	-0.0429	0.015



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
661	SLE RA 14	1.4	0.74	77.93	-0.0816	-0.0438	0.0143
661	SLE RA 15	1.4	0.81	77.94	-0.0799	-0.0437	0.0148
661	SLE RA 16	1.4	0.73	77.52	-0.0812	-0.0435	0.0142
661	SLE RA 17	1.39	0.8	77.52	-0.0794	-0.0434	0.0147
661	SLE RA 18	1.39	0.79	78.46	-0.0803	-0.0433	0.0147
661	SLE RA 19	1.38	0.86	78.46	-0.0786	-0.0432	0.0153
661	SLE RA 20	1.4	0.79	79.13	-0.0814	-0.0438	0.0148
661	SLE RA 21	1.4	0.85	79.14	-0.0797	-0.0437	0.0153
661	SLE FR 1	1.31	0.62	70.82	-0.0758	-0.0406	0.0127
661	SLE FR 2	1.31	0.64	70.82	-0.0752	-0.0406	0.0129
661	SLE FR 3	1.32	0.62	71.09	-0.0762	-0.0408	0.0127
661	SLE FR 4	1.34	0.69	73.11	-0.0766	-0.0414	0.0135
661	SLE FR 5	1.34	0.67	73.38	-0.0776	-0.0416	0.0133
661	SLE FR 6	1.35	0.7	74.64	-0.0781	-0.042	0.0137
661	SLE QP 1	1.31	0.62	70.82	-0.0758	-0.0406	0.0127
661	SLE QP 2	1.34	0.67	73.11	-0.0771	-0.0414	0.0133
661	SLD 1	5.87	1.6	55.07	-0.0421	0.0067	0.0255
661	SLD 2	5.87	2.57	55.11	-0.0607	0.0065	0.0375
661	SLD 3	5.9	-0.65	54.94	-0.0322	0.0089	0.0069
661	SLD 4	5.91	0.32	54.98	-0.0507	0.0087	0.0188
661	SLD 5	2.63	4.18	67.88	-0.0784	-0.0303	0.0431
661	SLD 6	2.64	4.82	67.91	-0.0906	-0.0304	0.051
661	SLD 7	2.77	-3.31	67.46	-0.0453	-0.023	-0.0191
661	SLD 8	2.77	-2.67	67.49	-0.0575	-0.0231	-0.0112
661	SLD 9	-0.1	-4.01	78.73	-0.0968	-0.0597	0.0378
661	SLD 10	-0.09	4.65	78.76	-0.109	-0.0599	0.0457
661	SLD 11	0.03	-3.49	78.31	-0.0637	-0.0525	-0.0244
661	SLD 12	0.04	-2.85	78.34	-0.0759	-0.0526	-0.0165
661	SLD 13	-3.24	1.01	91.24	-0.1036	-0.0915	0.0078
661	SLD 14	-3.23	1.99	91.28	-0.1221	-0.0917	0.0197
661	SLD 15	-3.2	-1.24	91.11	-0.0936	-0.0893	-0.0109
661	SLD 16	-3.19	-0.26	91.15	-0.1122	-0.0896	0.0011
661	SLV 1	11.93	2.77	30.88	0.0055	0.0712	0.0413
661	SLV 2	11.95	5.04	30.97	-0.0378	0.0708	0.0692
661	SLV 3	12.02	-2.33	30.58	0.0286	0.0763	-0.001
661	SLV 4	12.04	-0.06	30.67	-0.0146	0.0758	0.0269
661	SLV 5	4.37	8.64	60.88	-0.08	-0.0153	0.081
661	SLV 6	4.38	10.1	60.93	-0.108	-0.0156	0.0991
661	SLV 7	4.68	-8.35	59.88	-0.0028	0.0017	-0.06
661	SLV 8	4.69	-6.89	59.94	-0.0308	0.0014	-0.042
661	SLV 9	-2.01	8.22	86.28	-0.1235	-0.0842	0.0686
661	SLV 10	-2	9.69	86.33	-0.1515	-0.0846	0.0866
661	SLV 11	-1.71	-8.77	85.29	-0.0463	-0.0673	-0.0725
661	SLV 12	-1.7	-7.3	85.34	-0.0743	-0.0676	-0.0545
661	SLV 13	-9.36	1.4	115.55	-0.1397	-0.1587	-0.0003
661	SLV 14	-9.35	3.66	115.64	-0.1829	-0.1592	0.0276
661	SLV 15	-9.27	-3.7	115.25	-0.1165	-0.1536	-0.0426
661	SLV 16	-9.26	-1.43	115.34	-0.1597	-0.1541	-0.0147
661	CRTFP Ux+	0	0	0	0	0	0
661	CRTFP Ux-	0	0	0	0	0	0
661	CRTFP Uy+	0	0	0	0	0	0
661	CRTFP Uy-	0	0	0	0	0	0
662	SLU 1	1.1	0.53	59.71	-0.055	1.628	-0.0066
662	SLU 2	1.09	0.69	59.71	-0.0513	1.6283	-0.0101
662	SLU 3	1.13	0.54	61.14	-0.0568	1.6669	-0.0067
662	SLU 4	1.13	0.63	61.15	-0.0545	1.6671	-0.0087
662	SLU 5	1.11	0.68	60.6	-0.0526	1.6524	-0.01
662	SLU 6	1.15	0.54	62.03	-0.058	1.691	-0.0066
662	SLU 7	1.15	0.63	62.03	-0.0558	1.6912	-0.0087
662	SLU 8	1.14	0.53	61.48	-0.0576	1.6761	-0.0064
662	SLU 9	1.14	0.62	61.48	-0.0554	1.6763	-0.0085
662	SLU 10	1.16	0.85	66.65	-0.0543	1.8186	-0.0131
662	SLU 11	1.2	0.7	68.08	-0.0597	1.8572	-0.0097
662	SLU 12	1.19	0.79	68.09	-0.0575	1.8574	-0.0118
662	SLU 13	1.18	0.84	67.54	-0.0556	1.8426	-0.013
662	SLU 14	1.22	0.7	68.97	-0.061	1.8813	-0.0096
662	SLU 15	1.21	0.79	68.98	-0.0588	1.8815	-0.0117
662	SLU 16	1.21	0.69	68.42	-0.0606	1.8664	-0.0095
662	SLU 17	1.2	0.78	68.43	-0.0584	1.8666	-0.0115
662	SLU 18	1.2	0.76	69.62	-0.0593	1.8998	-0.0109
662	SLU 19	1.19	0.86	69.63	-0.0571	1.9	-0.013
662	SLU 20	1.22	0.76	70.51	-0.0606	1.9238	-0.0109
662	SLU 21	1.21	0.85	70.51	-0.0583	1.924	-0.0129
662	SLU 22	1.2	0.67	66.64	-0.0558	1.8176	-0.0093
662	SLU 23	1.19	0.83	66.64	-0.0521	1.8179	-0.0128
662	SLU 24	1.23	0.68	68.07	-0.0576	1.8566	-0.0094
662	SLU 25	1.22	0.77	68.08	-0.0554	1.8568	-0.0114
662	SLU 26	1.21	0.82	67.53	-0.0534	1.842	-0.0127
662	SLU 27	1.25	0.68	68.96	-0.0589	1.8807	-0.0093
662	SLU 28	1.24	0.77	68.97	-0.0566	1.8809	-0.0114
662	SLU 29	1.24	0.67	68.41	-0.0584	1.8658	-0.0091
662	SLU 30	1.23	0.76	68.42	-0.0562	1.866	-0.0112
662	SLU 31	1.25	0.99	73.59	-0.0551	2.0082	-0.0158
662	SLU 32	1.29	0.84	75.02	-0.0606	2.0468	-0.0124
662	SLU 33	1.29	0.93	75.02	-0.0583	2.047	-0.0145
662	SLU 34	1.27	0.98	74.47	-0.0564	2.0323	-0.0157
662	SLU 35	1.31	0.84	75.9	-0.0619	2.0709	-0.0123
662	SLU 36	1.31	0.93	75.91	-0.0596	2.0711	-0.0144
662	SLU 37	1.3	0.83	75.36	-0.0614	2.056	-0.0122



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
662	SLU 38	1.3	0.92	75.36	-0.0592	2.0562	-0.0142
662	SLU 39	1.29	0.9	76.55	-0.0601	2.0894	-0.0136
662	SLU 40	1.29	0.99	76.56	-0.0579	2.0896	-0.0157
662	SLU 41	1.31	0.9	77.44	-0.0614	2.1135	-0.0136
662	SLU 42	1.3	0.99	77.45	-0.0592	2.1137	-0.0156
662	SLU 43	1.4	0.65	75.24	-0.0712	2.0513	-0.0077
662	SLU 44	1.39	0.8	75.25	-0.0675	2.0517	-0.0111
662	SLU 45	1.43	0.65	76.68	-0.073	2.0903	-0.0077
662	SLU 46	1.43	0.74	76.68	-0.0708	2.0905	-0.0098
662	SLU 47	1.41	0.8	76.13	-0.0688	2.0758	-0.011
662	SLU 48	1.45	0.65	77.56	-0.0743	2.1144	-0.0076
662	SLU 49	1.45	0.74	77.57	-0.072	2.1146	-0.0097
662	SLU 50	1.44	0.64	77.02	-0.0738	2.0995	-0.0075
662	SLU 51	1.43	0.73	77.02	-0.0716	2.0997	-0.0096
662	SLU 52	1.46	0.96	82.19	-0.0705	2.2419	-0.0142
662	SLU 53	1.5	0.81	83.62	-0.076	2.2806	-0.0108
662	SLU 54	1.49	0.9	83.62	-0.0737	2.2808	-0.0128
662	SLU 55	1.48	0.96	83.08	-0.0718	2.266	-0.0141
662	SLU 56	1.52	0.81	84.51	-0.0773	2.3047	-0.0107
662	SLU 57	1.51	0.9	84.51	-0.075	2.3049	-0.0127
662	SLU 58	1.51	0.8	83.96	-0.0768	2.2898	-0.0105
662	SLU 59	1.5	0.9	83.96	-0.0746	2.29	-0.0126
662	SLU 60	1.5	0.88	85.16	-0.0755	2.3231	-0.012
662	SLU 61	1.49	0.97	85.16	-0.0733	2.3233	-0.0141
662	SLU 62	1.52	0.88	86.05	-0.0768	2.3472	-0.0119
662	SLU 63	1.51	0.97	86.05	-0.0746	2.3474	-0.014
662	SLU 64	1.5	0.79	82.17	-0.0721	2.241	-0.0104
662	SLU 65	1.49	0.94	82.18	-0.0683	2.2413	-0.0138
662	SLU 66	1.53	0.79	83.61	-0.0738	2.2799	-0.0104
662	SLU 67	1.52	0.88	83.61	-0.0716	2.2802	-0.0125
662	SLU 68	1.51	0.94	83.07	-0.0696	2.2654	-0.0137
662	SLU 69	1.55	0.79	84.5	-0.0751	2.304	-0.0103
662	SLU 70	1.54	0.88	84.5	-0.0729	2.3042	-0.0124
662	SLU 71	1.53	0.78	83.95	-0.0746	2.2891	-0.0102
662	SLU 72	1.53	0.87	83.95	-0.0724	2.2893	-0.0123
662	SLU 73	1.55	1.1	89.12	-0.0713	2.4316	-0.0169
662	SLU 74	1.59	0.95	90.55	-0.0768	2.4702	-0.0135
662	SLU 75	1.59	1.04	90.55	-0.0746	2.4704	-0.0155
662	SLU 76	1.57	1.1	90.01	-0.0726	2.4556	-0.0168
662	SLU 77	1.61	0.95	91.44	-0.0781	2.4943	-0.0134
662	SLU 78	1.61	1.04	91.44	-0.0759	2.4945	-0.0154
662	SLU 79	1.6	0.94	90.89	-0.0776	2.4794	-0.0132
662	SLU 80	1.59	1.03	90.89	-0.0754	2.4796	-0.0153
662	SLU 81	1.59	1.02	92.09	-0.0763	2.5128	-0.0147
662	SLU 82	1.59	1.11	92.09	-0.0741	2.513	-0.0168
662	SLU 83	1.61	1.02	92.98	-0.0776	2.5368	-0.0146
662	SLU 84	1.6	1.11	92.98	-0.0754	2.5371	-0.0167
662	SLE RA 1	1.13	0.57	61.69	-0.0552	1.6821	-0.0074
662	SLE RA 2	1.12	0.68	61.69	-0.0528	1.6824	-0.0097
662	SLE RA 3	1.15	0.58	62.64	-0.0564	1.7081	-0.0074
662	SLE RA 4	1.15	0.64	62.65	-0.0549	1.7083	-0.0088
662	SLE RA 5	1.14	0.67	62.28	-0.0536	1.6984	-0.0096
662	SLE RA 6	1.16	0.58	63.24	-0.0573	1.7242	-0.0074
662	SLE RA 7	1.16	0.64	63.24	-0.0558	1.7243	-0.0087
662	SLE RA 8	1.16	0.57	62.87	-0.057	1.7143	-0.0073
662	SLE RA 9	1.15	0.63	62.87	-0.0555	1.7144	-0.0086
662	SLE RA 10	1.17	0.78	66.32	-0.0548	1.8092	-0.0117
662	SLE RA 11	1.2	0.69	67.27	-0.0584	1.835	-0.0094
662	SLE RA 12	1.19	0.75	67.27	-0.0569	1.8351	-0.0108
662	SLE RA 13	1.18	0.78	66.91	-0.0556	1.8253	-0.0117
662	SLE RA 14	1.21	0.68	67.86	-0.0593	1.851	-0.0094
662	SLE RA 15	1.2	0.75	67.87	-0.0578	1.8512	-0.0108
662	SLE RA 16	1.2	0.68	67.5	-0.059	1.8411	-0.0093
662	SLE RA 17	1.2	0.74	67.5	-0.0575	1.8412	-0.0107
662	SLE RA 18	1.19	0.73	68.3	-0.0581	1.8633	-0.0103
662	SLE RA 19	1.19	0.79	68.3	-0.0566	1.8635	-0.0117
662	SLE RA 20	1.21	0.73	68.89	-0.059	1.8794	-0.0102
662	SLE RA 21	1.2	0.79	68.89	-0.0575	1.8795	-0.0116
662	SLE FR 1	1.13	0.57	61.69	-0.0552	1.6821	-0.0074
662	SLE FR 2	1.13	0.59	61.69	-0.0548	1.6822	-0.0078
662	SLE FR 3	1.14	0.57	61.92	-0.0556	1.6886	-0.0074
662	SLE FR 4	1.15	0.64	63.67	-0.0556	1.7365	-0.0087
662	SLE FR 5	1.15	0.62	63.91	-0.0564	1.7429	-0.0082
662	SLE FR 6	1.16	0.65	64.99	-0.0567	1.7727	-0.0088
662	SLE QP 1	1.13	0.57	61.69	-0.0552	1.6821	-0.0074
662	SLE QP 2	1.15	0.62	63.67	-0.0561	1.7365	-0.0082
662	SLD 1	5	1.44	46.97	-0.0266	1.3048	-0.0095
662	SLD 2	5.01	2.32	47.01	-0.0431	1.3057	-0.0246
662	SLD 3	5.03	-0.56	46.83	-0.0176	1.3017	0.0323
662	SLD 4	5.04	0.32	46.87	-0.0341	1.3026	0.0172
662	SLD 5	2.25	3.73	58.86	-0.058	1.6115	-0.0693
662	SLD 6	2.26	4.31	58.89	-0.0689	1.6121	-0.0792
662	SLD 7	2.37	-2.91	58.4	-0.0279	1.6012	0.07
662	SLD 8	2.37	-2.33	58.42	-0.0387	1.6019	0.0601
662	SLD 9	-0.07	3.57	68.91	-0.0735	1.8711	-0.0765
662	SLD 10	-0.07	4.15	68.94	-0.0843	1.8717	-0.0865
662	SLD 11	0.04	-3.07	68.45	-0.0433	1.8609	0.0628
662	SLD 12	0.05	-2.49	68.47	-0.0542	1.8615	0.0528
662	SLD 13	-2.74	0.92	80.47	-0.0781	2.1703	-0.0337



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
662	SLD 14	-2.74	1.8	80.51	-0.0946	2.1713	-0.0487
662	SLD 15	-2.71	-1.07	80.33	-0.0691	2.1673	0.0081
662	SLD 16	-2.7	-0.19	80.37	-0.0856	2.1682	-0.007
662	SLV 1	10.16	2.46	24.58	0.0135	0.726	-0.0098
662	SLV 2	10.17	4.51	24.67	-0.0249	0.7281	-0.045
662	SLV 3	10.24	-2.05	24.25	0.0344	0.7188	0.0849
662	SLV 4	10.25	-0.01	24.34	-0.0041	0.7209	0.0498
662	SLV 5	3.73	7.67	52.42	-0.0601	1.4439	-0.1463
662	SLV 6	3.74	8.99	52.48	-0.085	1.4453	-0.169
662	SLV 7	3.99	-7.38	51.33	0.0093	1.4199	0.1695
662	SLV 8	4	-6.06	51.39	-0.0156	1.4213	0.1467
662	SLV 9	-1.7	7.3	75.95	-0.0966	2.0517	-0.1632
662	SLV 10	-1.69	8.63	76.01	-0.1215	2.0531	-0.186
662	SLV 11	-1.44	-7.75	74.86	-0.0272	2.0277	0.1525
662	SLV 12	-1.43	-6.42	74.91	-0.0521	2.0291	0.1298
662	SLV 13	-7.95	1.25	102.99	-0.1081	2.7521	-0.0663
662	SLV 14	-7.94	3.29	103.08	-0.1466	2.7542	-0.1014
662	SLV 15	-7.87	-3.27	102.67	-0.0873	2.7448	0.0285
662	SLV 16	-7.86	-1.22	102.76	-0.1257	2.747	-0.0067
662	CRTFP Ux+	0	0	0	0	0	0
662	CRTFP Ux-	0	0	0	0	0	0
662	CRTFP Uy+	0	0	0	0	0	0
662	CRTFP Uy-	0	0	0	0	0	0
664	SLU 1	1.87	0.94	102.05	0.1429	24.0676	-0.2274
664	SLU 2	1.85	1.2	102.05	0.1462	24.0719	-0.2908
664	SLU 3	1.92	0.95	104.51	0.1459	24.6436	-0.23
664	SLU 4	1.91	1.1	104.51	0.1479	24.6463	-0.268
664	SLU 5	1.88	1.19	103.58	0.1479	24.428	-0.2901
664	SLU 6	1.95	0.94	106.03	0.1476	24.9997	-0.2292
664	SLU 7	1.94	1.1	106.03	0.1496	25.0023	-0.2673
664	SLU 8	1.93	0.93	105.09	0.1463	24.7796	-0.2259
664	SLU 9	1.92	1.09	105.1	0.1483	24.7822	-0.264
664	SLU 10	1.96	1.47	113.89	0.1658	26.8753	-0.3585
664	SLU 11	2.03	1.23	116.34	0.1656	27.447	-0.2976
664	SLU 12	2.02	1.38	116.35	0.1676	27.4497	-0.3357
664	SLU 13	1.99	1.47	115.41	0.1675	27.2314	-0.3578
664	SLU 14	2.06	1.22	117.86	0.1672	27.8031	-0.2969
664	SLU 15	2.05	1.38	117.87	0.1693	27.8057	-0.335
664	SLU 16	2.04	1.21	116.93	0.1659	27.583	-0.2936
664	SLU 17	2.03	1.36	116.93	0.1679	27.5856	-0.3317
664	SLU 18	2.03	1.33	118.95	0.1709	28.0724	-0.3241
664	SLU 19	2.02	1.49	118.96	0.1729	28.075	-0.3622
664	SLU 20	2.06	1.33	120.48	0.1726	28.4284	-0.3233
664	SLU 21	2.05	1.49	120.48	0.1746	28.4311	-0.3614
664	SLU 22	2.03	1.18	113.88	0.1644	26.8633	-0.286
664	SLU 23	2.01	1.44	113.88	0.1677	26.8677	-0.3495
664	SLU 24	2.08	1.19	116.34	0.1674	27.4394	-0.2886
664	SLU 25	2.07	1.34	116.34	0.1694	27.442	-0.3267
664	SLU 26	2.04	1.43	115.4	0.1694	27.2237	-0.3488
664	SLU 27	2.11	1.18	117.86	0.1691	27.7954	-0.2879
664	SLU 28	2.1	1.34	117.86	0.1711	27.798	-0.3259
664	SLU 29	2.09	1.17	116.92	0.1678	27.5754	-0.2846
664	SLU 30	2.08	1.33	116.92	0.1698	27.578	-0.3226
664	SLU 31	2.12	1.71	125.72	0.1873	29.6711	-0.4172
664	SLU 32	2.19	1.47	128.17	0.1871	30.2428	-0.3563
664	SLU 33	2.18	1.62	128.18	0.1891	30.2454	-0.3944
664	SLU 34	2.15	1.71	127.24	0.189	30.0271	-0.4164
664	SLU 35	2.22	1.46	129.69	0.1887	30.5988	-0.3556
664	SLU 36	2.21	1.62	129.7	0.1908	30.6014	-0.3936
664	SLU 37	2.2	1.45	128.75	0.1874	30.3788	-0.3522
664	SLU 38	2.19	1.6	128.76	0.1894	30.3814	-0.3903
664	SLU 39	2.19	1.57	130.78	0.1924	30.8682	-0.3827
664	SLU 40	2.18	1.73	130.79	0.1944	30.8708	-0.4208
664	SLU 41	2.22	1.57	132.3	0.1941	31.2242	-0.382
664	SLU 42	2.21	1.73	132.31	0.1961	31.2268	-0.4201
664	SLU 43	2.38	1.14	128.61	0.1784	30.3293	-0.2755
664	SLU 44	2.36	1.39	128.61	0.1817	30.3337	-0.339
664	SLU 45	2.43	1.15	131.07	0.1814	30.9054	-0.2781
664	SLU 46	2.41	1.3	131.07	0.1834	30.908	-0.3161
664	SLU 47	2.39	1.39	130.14	0.1834	30.6897	-0.3382
664	SLU 48	2.46	1.14	132.59	0.1831	31.2614	-0.2773
664	SLU 49	2.45	1.3	132.59	0.1851	31.264	-0.3154
664	SLU 50	2.44	1.13	131.65	0.1817	31.0413	-0.274
664	SLU 51	2.43	1.28	131.65	0.1838	31.044	-0.3121
664	SLU 52	2.47	1.67	140.45	0.2013	33.1371	-0.4066
664	SLU 53	2.54	1.42	142.9	0.201	33.7088	-0.3458
664	SLU 54	2.53	1.58	142.91	0.2031	33.7114	-0.3838
664	SLU 55	2.5	1.67	141.97	0.203	33.4931	-0.4059
664	SLU 56	2.57	1.42	144.42	0.2027	34.0648	-0.345
664	SLU 57	2.56	1.58	144.43	0.2047	34.0674	-0.3831
664	SLU 58	2.55	1.41	143.48	0.2014	33.8447	-0.3417
664	SLU 59	2.54	1.56	143.49	0.2034	33.8474	-0.3798
664	SLU 60	2.53	1.53	145.51	0.2064	34.3341	-0.3722
664	SLU 61	2.52	1.69	145.52	0.2084	34.3368	-0.4103
664	SLU 62	2.57	1.53	147.04	0.2081	34.6902	-0.3714
664	SLU 63	2.56	1.68	147.04	0.2101	34.6928	-0.4095
664	SLU 64	2.53	1.38	140.44	0.1999	33.125	-0.3342
664	SLU 65	2.52	1.63	140.44	0.2032	33.1294	-0.3976
664	SLU 66	2.58	1.39	142.9	0.2029	33.7011	-0.3367



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
664	SLU 67	2.57	1.54	142.9	0.2049	33.7037	-0.3748
664	SLU 68	2.55	1.63	141.96	0.2049	33.4854	-0.3969
664	SLU 69	2.62	1.38	144.42	0.2046	34.0571	-0.336
664	SLU 70	2.61	1.54	144.42	0.2066	34.0598	-0.3741
664	SLU 71	2.6	1.37	143.48	0.2033	33.8371	-0.3327
664	SLU 72	2.59	1.52	143.48	0.2053	33.8397	-0.3707
664	SLU 73	2.63	1.91	152.28	0.2228	35.9328	-0.4653
664	SLU 74	2.7	1.66	154.73	0.2225	36.5045	-0.4044
664	SLU 75	2.69	1.82	154.73	0.2246	36.5071	-0.4425
664	SLU 76	2.66	1.91	153.8	0.2245	36.2888	-0.4645
664	SLU 77	2.73	1.66	156.25	0.2242	36.8605	-0.4037
664	SLU 78	2.72	1.82	156.26	0.2262	36.8632	-0.4417
664	SLU 79	2.71	1.65	155.31	0.2229	36.6405	-0.4003
664	SLU 80	2.7	1.8	155.32	0.2249	36.6431	-0.4384
664	SLU 81	2.69	1.77	157.34	0.2279	37.1299	-0.4308
664	SLU 82	2.68	1.93	157.35	0.2299	37.1325	-0.4689
664	SLU 83	2.73	1.77	158.86	0.2296	37.4859	-0.4301
664	SLU 84	2.71	1.92	158.87	0.2316	37.4885	-0.4682
664	SLE RA 1	1.91	1.01	105.43	0.149	24.8663	-0.2441
664	SLE RA 2	1.9	1.18	105.43	0.1512	24.8693	-0.2865
664	SLE RA 3	1.95	1.01	107.07	0.151	25.2504	-0.2459
664	SLE RA 4	1.94	1.12	107.07	0.1524	25.2522	-0.2712
664	SLE RA 5	1.92	1.18	106.45	0.1524	25.1066	-0.286
664	SLE RA 6	1.97	1.01	108.08	0.1522	25.4878	-0.2454
664	SLE RA 7	1.96	1.11	108.08	0.1535	25.4895	-0.2707
664	SLE RA 8	1.96	1	107.46	0.1513	25.341	-0.2432
664	SLE RA 9	1.95	1.1	107.46	0.1526	25.3428	-0.2685
664	SLE RA 10	1.98	1.36	113.32	0.1643	26.7382	-0.3316
664	SLE RA 11	2.02	1.2	114.96	0.1641	27.1193	-0.291
664	SLE RA 12	2.02	1.3	114.96	0.1655	27.1211	-0.3164
664	SLE RA 13	2	1.36	114.34	0.1655	26.9755	-0.3311
664	SLE RA 14	2.04	1.2	115.97	0.1653	27.3567	-0.2905
664	SLE RA 15	2.04	1.3	115.97	0.1666	27.3584	-0.3159
664	SLE RA 16	2.03	1.19	115.35	0.1644	27.21	-0.2883
664	SLE RA 17	2.02	1.29	115.35	0.1657	27.2117	-0.3137
664	SLE RA 18	2.02	1.27	116.7	0.1677	27.5363	-0.3086
664	SLE RA 19	2.01	1.37	116.7	0.169	27.538	-0.334
664	SLE RA 20	2.04	1.27	117.71	0.1688	27.7736	-0.3081
664	SLE RA 21	2.03	1.37	117.72	0.1702	27.7754	-0.3335
664	SLE FR 1	1.91	1.01	105.43	0.149	24.8663	-0.2441
664	SLE FR 2	1.91	1.04	105.43	0.1495	24.8669	-0.2526
664	SLE FR 3	1.92	1.01	105.83	0.1495	24.9613	-0.2439
664	SLE FR 4	1.94	1.12	108.81	0.1551	25.6679	-0.2719
664	SLE FR 5	1.95	1.08	109.22	0.1551	25.7623	-0.2633
664	SLE FR 6	1.97	1.14	111.06	0.1584	26.2013	-0.2764
664	SLE QP 1	1.91	1.01	105.43	0.149	24.8663	-0.2441
664	SLE QP 2	1.95	1.09	108.81	0.1546	25.6673	-0.2635
664	SLD 1	8.44	2.48	79.53	0.117	19.1775	-0.6055
664	SLD 2	8.45	4.01	79.59	0.1021	19.1917	-0.9715
664	SLD 3	8.5	-0.94	79.26	0.1258	19.1297	0.2279
664	SLD 4	8.51	0.58	79.33	0.1109	19.1439	-0.1381
664	SLD 5	3.81	6.42	100.42	0.1326	23.7904	-1.5645
664	SLD 6	3.81	7.42	100.47	0.1228	23.7997	-1.8055
664	SLD 7	4	-4.98	99.52	0.1621	23.631	1.2136
664	SLD 8	4	-3.98	99.57	0.1522	23.6403	0.9725
664	SLD 9	-0.11	6.15	118.05	0.157	27.6943	-1.4995
664	SLD 10	-0.1	7.15	118.1	0.1472	27.7036	-1.7406
664	SLD 11	0.08	-5.25	117.15	0.1865	27.535	1.2786
664	SLD 12	0.09	-4.25	117.2	0.1766	27.5443	1.0375
664	SLD 13	-4.61	1.59	138.29	0.1983	32.1907	-0.3889
664	SLD 14	-4.6	3.11	138.36	0.1834	32.2049	-0.7549
664	SLD 15	-4.56	-1.83	138.02	0.2072	32.1429	0.4445
664	SLD 16	-4.55	-0.31	138.09	0.1922	32.1571	0.0785
664	SLV 1	17.14	4.24	40.26	0.0665	10.4766	-1.0357
664	SLV 2	17.16	7.79	40.42	0.0317	10.5096	-1.8881
664	SLV 3	17.27	-3.51	39.63	0.0868	10.3642	0.8536
664	SLV 4	17.29	0.03	39.79	0.052	10.3972	0.0012
664	SLV 5	6.3	13.18	89.18	0.1034	21.2749	-3.2126
664	SLV 6	6.31	15.47	89.28	0.0809	21.2963	-3.7642
664	SLV 7	6.74	-12.67	87.07	0.1711	20.9001	3.0849
664	SLV 8	6.75	-10.38	87.17	0.1486	20.9215	2.5334
664	SLV 9	-2.86	12.55	130.45	0.1606	30.4132	-3.0604
664	SLV 10	-2.85	14.84	130.55	0.1382	30.4345	-3.6119
664	SLV 11	-2.42	-13.3	128.34	0.2283	30.0384	3.2372
664	SLV 12	-2.41	-11.01	128.44	0.2058	30.0597	2.6856
664	SLV 13	-13.4	2.14	177.83	0.2572	40.9374	-0.5282
664	SLV 14	-13.38	5.68	177.99	0.2225	40.9704	-1.3806
664	SLV 15	-13.27	-5.62	177.2	0.2775	40.825	1.3611
664	SLV 16	-13.25	-2.07	177.36	0.2428	40.858	0.5087
664	CRTFP Ux+	0	0	0	0	0.0001	0
664	CRTFP Ux-	0	0	0	0	-0.0001	0
664	CRTFP Uy+	0	0	0	0	0	0
664	CRTFP Uy-	0	0	0	0	0	0
666	SLU 1	0.59	-0.04	37.54	-0.7261	1.0271	0.0118
666	SLU 2	0.59	0.02	37.57	-0.7265	1.027	0.0097
666	SLU 3	0.61	-0.04	38.42	-0.7432	1.0519	0.012
666	SLU 4	0.6	0	38.44	-0.7434	1.0518	0.0107
666	SLU 5	0.6	0.02	38.11	-0.737	1.0418	0.01
666	SLU 6	0.62	-0.04	38.96	-0.7536	1.0667	0.0123



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
666	SLU 7	0.61	-0.01	38.98	-0.7539	1.0666	0.011
666	SLU 8	0.61	-0.05	38.62	-0.747	1.0568	0.0124
666	SLU 9	0.61	-0.01	38.64	-0.7473	1.0567	0.0111
666	SLU 10	0.62	0.07	42.18	-0.8156	1.1548	0.009
666	SLU 11	0.64	0.01	43.03	-0.8323	1.1797	0.0113
666	SLU 12	0.64	0.04	43.05	-0.8325	1.1796	0.01
666	SLU 13	0.63	0.06	42.72	-0.8261	1.1696	0.0093
666	SLU 14	0.65	0	43.57	-0.8427	1.1945	0.0116
666	SLU 15	0.65	0.04	43.59	-0.843	1.1944	0.0103
666	SLU 16	0.65	0	43.23	-0.8361	1.1846	0.0117
666	SLU 17	0.64	0.03	43.25	-0.8364	1.1845	0.0104
666	SLU 18	0.64	0.03	44.13	-0.8534	1.2097	0.0108
666	SLU 19	0.64	0.06	44.14	-0.8537	1.2096	0.0095
666	SLU 20	0.65	0.02	44.67	-0.8639	1.2245	0.0111
666	SLU 21	0.65	0.06	44.69	-0.8641	1.2244	0.0098
666	SLU 22	0.64	0.02	42.05	-0.8131	1.1483	0.0105
666	SLU 23	0.64	0.09	42.08	-0.8135	1.1481	0.0084
666	SLU 24	0.66	0.02	42.93	-0.8302	1.1731	0.0107
666	SLU 25	0.66	0.06	42.95	-0.8304	1.173	0.0095
666	SLU 26	0.65	0.08	42.62	-0.824	1.163	0.0087
666	SLU 27	0.67	0.02	43.48	-0.8406	1.1879	0.011
666	SLU 28	0.67	0.06	43.49	-0.8409	1.1878	0.0097
666	SLU 29	0.66	0.02	43.13	-0.834	1.178	0.0111
666	SLU 30	0.66	0.05	43.15	-0.8343	1.1779	0.0098
666	SLU 31	0.67	0.13	46.69	-0.9027	1.2759	0.0077
666	SLU 32	0.69	0.07	47.55	-0.9193	1.3009	0.01
666	SLU 33	0.69	0.11	47.56	-0.9196	1.3008	0.0087
666	SLU 34	0.68	0.13	47.23	-0.9131	1.2908	0.008
666	SLU 35	0.7	0.07	48.09	-0.9298	1.3157	0.0103
666	SLU 36	0.7	0.1	48.1	-0.93	1.3156	0.009
666	SLU 37	0.7	0.06	47.75	-0.9232	1.3058	0.0104
666	SLU 38	0.7	0.1	47.76	-0.9234	1.3057	0.0091
666	SLU 39	0.69	0.09	48.64	-0.9404	1.3309	0.0095
666	SLU 40	0.69	0.13	48.66	-0.9407	1.3308	0.0082
666	SLU 41	0.7	0.08	49.18	-0.9509	1.3457	0.0098
666	SLU 42	0.7	0.12	49.2	-0.9512	1.3456	0.0085
666	SLU 43	0.75	-0.07	47.25	-0.9141	1.2937	0.0158
666	SLU 44	0.75	-0.01	47.28	-0.9145	1.2936	0.0137
666	SLU 45	0.77	-0.07	48.14	-0.9311	1.3185	0.016
666	SLU 46	0.76	-0.03	48.15	-0.9314	1.3184	0.0147
666	SLU 47	0.76	-0.01	47.82	-0.925	1.3084	0.014
666	SLU 48	0.78	-0.08	48.68	-0.9416	1.3333	0.0163
666	SLU 49	0.77	-0.04	48.69	-0.9419	1.3332	0.015
666	SLU 50	0.77	-0.08	48.33	-0.935	1.3234	0.0164
666	SLU 51	0.77	-0.04	48.35	-0.9353	1.3233	0.0151
666	SLU 52	0.78	0.04	51.89	-1.0036	1.4214	0.013
666	SLU 53	0.8	-0.03	52.75	-1.0203	1.4463	0.0153
666	SLU 54	0.8	0.01	52.76	-1.0205	1.4462	0.014
666	SLU 55	0.79	0.03	52.43	-1.0141	1.4362	0.0133
666	SLU 56	0.81	-0.03	53.29	-1.0307	1.4611	0.0156
666	SLU 57	0.81	0.01	53.3	-1.031	1.461	0.0143
666	SLU 58	0.81	-0.03	52.95	-1.0241	1.4512	0.0156
666	SLU 59	0.8	0	52.96	-1.0244	1.4511	0.0144
666	SLU 60	0.8	-0.01	53.84	-1.0414	1.4763	0.0147
666	SLU 61	0.8	0.03	53.86	-1.0416	1.4762	0.0135
666	SLU 62	0.81	-0.01	54.38	-1.0518	1.4911	0.015
666	SLU 63	0.81	0.03	54.4	-1.0521	1.491	0.0138
666	SLU 64	0.8	-0.01	51.77	-1.0011	1.4149	0.0145
666	SLU 65	0.8	0.05	51.8	-1.0015	1.4147	0.0124
666	SLU 66	0.82	-0.01	52.65	-1.0182	1.4397	0.0147
666	SLU 67	0.82	0.03	52.67	-1.0184	1.4396	0.0134
666	SLU 68	0.81	0.05	52.34	-1.012	1.4296	0.0127
666	SLU 69	0.83	-0.01	53.19	-1.0286	1.4545	0.015
666	SLU 70	0.83	0.02	53.21	-1.0289	1.4544	0.0137
666	SLU 71	0.82	-0.02	52.85	-1.022	1.4446	0.0151
666	SLU 72	0.82	0.02	52.87	-1.0223	1.4445	0.0138
666	SLU 73	0.83	0.1	56.41	-1.0907	1.5425	0.0117
666	SLU 74	0.85	0.04	57.26	-1.1073	1.5675	0.014
666	SLU 75	0.85	0.07	57.28	-1.1076	1.5674	0.0127
666	SLU 76	0.84	0.09	56.95	-1.1011	1.5574	0.012
666	SLU 77	0.86	0.03	57.8	-1.1178	1.5823	0.0143
666	SLU 78	0.86	0.07	57.82	-1.118	1.5822	0.013
666	SLU 79	0.86	0.03	57.46	-1.1111	1.5724	0.0143
666	SLU 80	0.86	0.06	57.48	-1.1114	1.5723	0.0131
666	SLU 81	0.85	0.06	58.36	-1.1284	1.5975	0.0135
666	SLU 82	0.85	0.09	58.37	-1.1287	1.5974	0.0122
666	SLU 83	0.86	0.05	58.9	-1.1389	1.6123	0.0137
666	SLU 84	0.86	0.09	58.91	-1.1391	1.6122	0.0125
666	SLE RA 1	0.61	-0.02	38.83	-0.7509	1.0618	0.0114
666	SLE RA 2	0.6	0.02	38.85	-0.7512	1.0616	0.01
666	SLE RA 3	0.62	-0.02	39.42	-0.7623	1.0783	0.0116
666	SLE RA 4	0.62	0	39.43	-0.7625	1.0782	0.0107
666	SLE RA 5	0.61	0.02	39.21	-0.7582	1.0715	0.0102
666	SLE RA 6	0.62	-0.02	39.78	-0.7693	1.0882	0.0118
666	SLE RA 7	0.62	0	39.79	-0.7695	1.0881	0.0109
666	SLE RA 8	0.62	-0.03	39.55	-0.7649	1.0815	0.0118
666	SLE RA 9	0.62	0	39.56	-0.7651	1.0815	0.011
666	SLE RA 10	0.63	0.05	41.92	-0.8107	1.1468	0.0096
666	SLE RA 11	0.64	0.01	42.49	-0.8217	1.1635	0.0111



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
666	SLE RA 12	0.64	0.03	42.5	-0.8219	1.1634	0.0102
666	SLE RA 13	0.63	0.05	42.28	-0.8176	1.1567	0.0097
666	SLE RA 14	0.65	0.01	42.85	-0.8287	1.1734	0.0113
666	SLE RA 15	0.65	0.03	42.86	-0.8289	1.1733	0.0104
666	SLE RA 16	0.64	0	42.62	-0.8243	1.1667	0.0113
666	SLE RA 17	0.64	0.03	42.64	-0.8245	1.1667	0.0105
666	SLE RA 18	0.64	0.02	43.22	-0.8358	1.1835	0.0107
666	SLE RA 19	0.64	0.05	43.23	-0.836	1.1834	0.0099
666	SLE RA 20	0.65	0.02	43.58	-0.8428	1.1934	0.0109
666	SLE RA 21	0.64	0.04	43.59	-0.843	1.1933	0.0101
666	SLE FR 1	0.61	-0.02	38.83	-0.7509	1.0618	0.0114
666	SLE FR 2	0.61	-0.01	38.83	-0.751	1.0617	0.0111
666	SLE FR 3	0.61	-0.02	38.97	-0.7537	1.0657	0.0115
666	SLE FR 4	0.62	0	40.15	-0.7765	1.0983	0.0109
666	SLE FR 5	0.62	-0.01	40.29	-0.7792	1.1022	0.0113
666	SLE FR 6	0.62	0	41.02	-0.7934	1.1226	0.0111
666	SLE QP 1	0.61	-0.02	38.83	-0.7509	1.0618	0.0114
666	SLE QP 2	0.62	-0.01	40.15	-0.7764	1.0983	0.0112
666	SLD 1	3.61	0.57	36.99	-0.7166	1.0671	0.046
666	SLD 2	3.61	0.87	36.96	-0.7162	1.0651	0.0395
666	SLD 3	3.64	-0.47	37.09	-0.7199	1.0943	0.0816
666	SLD 4	3.63	-0.17	37.06	-0.7195	1.0923	0.0751
666	SLD 5	1.48	1.7	39.05	-0.7535	1.048	-0.0311
666	SLD 6	1.48	1.89	39.03	-0.7532	1.0467	-0.0354
666	SLD 7	1.56	-1.78	39.39	-0.7645	1.1387	0.0874
666	SLD 8	1.55	-1.59	39.37	-0.7643	1.1374	0.0831
666	SLD 9	-0.32	1.57	40.92	-0.7885	1.0591	-0.0607
666	SLD 10	-0.32	1.77	40.9	-0.7883	1.0578	-0.065
666	SLD 11	-0.25	-1.91	41.26	-0.7996	1.1498	0.0578
666	SLD 12	-0.25	-1.71	41.24	-0.7993	1.1485	0.0535
666	SLD 13	-2.4	0.16	43.23	-0.8333	1.1042	-0.0527
666	SLD 14	-2.4	0.46	43.2	-0.8329	1.1022	-0.0592
666	SLD 15	-2.38	-0.89	43.33	-0.8366	1.1314	-0.0171
666	SLD 16	-2.38	-0.59	43.3	-0.8362	1.1294	-0.0236
666	SLV 1	7.63	1.31	32.76	-0.6364	1.0262	0.0939
666	SLV 2	7.62	2.01	32.7	-0.6356	1.0216	0.0787
666	SLV 3	7.68	-1.05	33	-0.6441	1.0878	0.1745
666	SLV 4	7.67	-0.36	32.93	-0.6432	1.0832	0.1593
666	SLV 5	2.64	3.86	37.58	-0.723	0.984	-0.0836
666	SLV 6	2.64	4.31	37.54	-0.7224	0.981	-0.0934
666	SLV 7	2.82	-4.03	38.38	-0.7484	1.1894	0.1851
666	SLV 8	2.81	-3.58	38.33	-0.7479	1.1864	0.1753
666	SLV 9	-1.57	3.57	41.96	-0.8049	1.0101	-0.1528
666	SLV 10	-1.58	4.02	41.92	-0.8044	1.0072	-0.1627
666	SLV 11	-1.4	-4.32	42.76	-0.8304	1.2156	0.1158
666	SLV 12	-1.41	-3.87	42.71	-0.8298	1.2126	0.106
666	SLV 13	-6.44	0.34	47.36	-0.9096	1.1134	-0.1369
666	SLV 14	-6.45	1.04	47.29	-0.9087	1.1088	-0.1521
666	SLV 15	-6.38	-2.02	47.6	-0.9172	1.1175	-0.0563
666	SLV 16	-6.4	-1.33	47.53	-0.9164	1.1704	-0.0715
666	CRTFP Ux+	0	0	0	0	0	0
666	CRTFP Ux-	0	0	0	0	0	0
682	SLU 1	-3.23	-3.08	203.07	-14.9163	-12.2616	-0.4961
682	SLU 2	-3.23	-2.77	203.2	-14.9155	-12.2644	-0.4757
682	SLU 3	-3.31	-3.13	207.93	-15.2671	-12.5578	-0.5056
682	SLU 4	-3.31	-2.94	208.01	-15.2666	-12.5594	-0.4933
682	SLU 5	-3.29	-2.81	206.11	-15.1275	-12.4408	-0.4843
682	SLU 6	-3.37	-3.17	210.85	-15.4792	-12.7341	-0.5142
682	SLU 7	-3.37	-2.98	210.92	-15.4786	-12.7358	-0.5019
682	SLU 8	-3.35	-3.17	208.89	-15.3405	-12.6143	-0.5133
682	SLU 9	-3.35	-2.98	208.97	-15.34	-12.616	-0.5011
682	SLU 10	-3.34	-2.85	228.65	-16.7411	-13.8024	-0.4922
682	SLU 11	-3.43	-3.21	233.38	-17.0928	-14.0958	-0.522
682	SLU 12	-3.42	-3.02	233.46	-17.0922	-14.0974	-0.5098
682	SLU 13	-3.4	-2.89	231.56	-16.9532	-13.9788	-0.5008
682	SLU 14	-3.48	-3.25	236.3	-17.3048	-14.2721	-0.5306
682	SLU 15	-3.48	-3.06	236.37	-17.3043	-14.2738	-0.5184
682	SLU 16	-3.46	-3.25	234.35	-17.1662	-14.1523	-0.5298
682	SLU 17	-3.46	-3.06	234.42	-17.1656	-14.154	-0.5175
682	SLU 18	-3.4	-3.2	239.43	-17.5244	-14.4588	-0.5196
682	SLU 19	-3.39	-3.01	239.5	-17.5239	-14.4605	-0.5074
682	SLU 20	-3.45	-3.24	242.34	-17.7365	-14.6351	-0.5282
682	SLU 21	-3.45	-3.05	242.42	-17.736	-14.6368	-0.516
682	SLU 22	-3.49	-3.07	227.79	-16.6609	-13.7381	-0.5156
682	SLU 23	-3.49	-2.76	227.91	-16.66	-13.7409	-0.4953
682	SLU 24	-3.57	-3.12	232.65	-17.0116	-14.0342	-0.5251
682	SLU 25	-3.57	-2.93	232.73	-17.0111	-14.0359	-0.5129
682	SLU 26	-3.55	-2.8	230.83	-16.8721	-13.9173	-0.5039
682	SLU 27	-3.63	-3.16	235.56	-17.2237	-14.2106	-0.5337
682	SLU 28	-3.63	-2.97	235.64	-17.2232	-14.2123	-0.5215
682	SLU 29	-3.61	-3.16	233.61	-17.085	-14.0908	-0.5328
682	SLU 30	-3.61	-2.97	233.69	-17.0845	-14.0925	-0.5206
682	SLU 31	-3.61	-2.84	253.37	-18.4857	-15.2789	-0.5118
682	SLU 32	-3.69	-3.2	258.1	-18.8373	-15.5723	-0.5416
682	SLU 33	-3.69	-3.01	258.18	-18.8368	-15.5739	-0.5294
682	SLU 34	-3.66	-2.88	256.28	-18.6977	-15.4553	-0.5204
682	SLU 35	-3.75	-3.24	261.02	-19.0494	-15.7486	-0.5502
682	SLU 36	-3.75	-3.05	261.09	-19.0488	-15.7503	-0.538
682	SLU 37	-3.72	-3.24	259.06	-18.9107	-15.6288	-0.5493



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
682	SLU 38	-3.72	-3.05	259.14	-18.9102	-15.6305	-0.5371
682	SLU 39	-3.66	-3.19	264.15	-19.269	-15.9353	-0.5392
682	SLU 40	-3.66	-3	264.22	-19.2684	-15.937	-0.527
682	SLU 41	-3.72	-3.23	267.06	-19.481	-16.1116	-0.5478
682	SLU 42	-3.71	-3.04	267.14	-19.4805	-16.1133	-0.5356
682	SLU 43	-4.11	-4.01	255.51	-18.7931	-15.4339	-0.6382
682	SLU 44	-4.11	-3.7	255.64	-18.7922	-15.4367	-0.6178
682	SLU 45	-4.19	-4.06	260.38	-19.1439	-15.73	-0.6477
682	SLU 46	-4.19	-3.87	260.45	-19.1433	-15.7317	-0.6354
682	SLU 47	-4.16	-3.74	258.55	-19.0043	-15.613	-0.6264
682	SLU 48	-4.25	-4.1	263.29	-19.3559	-15.9064	-0.6563
682	SLU 49	-4.25	-3.91	263.37	-19.3554	-15.908	-0.644
682	SLU 50	-4.23	-4.1	261.34	-19.2173	-15.7866	-0.6554
682	SLU 51	-4.22	-3.91	261.42	-19.2167	-15.7882	-0.6432
682	SLU 52	-4.22	-3.78	281.09	-20.6179	-16.9747	-0.6343
682	SLU 53	-4.31	-4.14	285.83	-20.9695	-17.268	-0.6641
682	SLU 54	-4.3	-3.95	285.91	-20.969	-17.2697	-0.6519
682	SLU 55	-4.28	-3.82	284.01	-20.83	-17.151	-0.6429
682	SLU 56	-4.36	-4.18	288.74	-21.1816	-17.4444	-0.6727
682	SLU 57	-4.36	-3.99	288.82	-21.1811	-17.446	-0.6605
682	SLU 58	-4.34	-4.18	286.79	-21.0429	-17.3246	-0.6719
682	SLU 59	-4.34	-3.99	286.87	-21.0424	-17.3263	-0.6596
682	SLU 60	-4.27	-4.13	291.87	-21.4012	-17.631	-0.6617
682	SLU 61	-4.27	-3.94	291.95	-21.4007	-17.6327	-0.6495
682	SLU 62	-4.33	-4.17	294.79	-21.6133	-17.8074	-0.6703
682	SLU 63	-4.33	-3.98	294.86	-21.6128	-17.8091	-0.6581
682	SLU 64	-4.37	-4	280.23	-20.5376	-16.9104	-0.6578
682	SLU 65	-4.37	-3.68	280.36	-20.5368	-16.9132	-0.6374
682	SLU 66	-4.45	-4.04	285.1	-20.8884	-17.2065	-0.6672
682	SLU 67	-4.45	-3.85	285.17	-20.8879	-17.2082	-0.655
682	SLU 68	-4.43	-3.73	283.27	-20.7488	-17.0895	-0.646
682	SLU 69	-4.51	-4.09	288.01	-21.1005	-17.3828	-0.6758
682	SLU 70	-4.51	-3.9	288.09	-21.1	-17.3845	-0.6636
682	SLU 71	-4.49	-4.09	286.06	-20.9618	-17.2631	-0.675
682	SLU 72	-4.49	-3.9	286.14	-20.9613	-17.2647	-0.6627
682	SLU 73	-4.48	-3.76	305.81	-22.3624	-18.4512	-0.6539
682	SLU 74	-4.57	-4.12	310.55	-22.7141	-18.7445	-0.6837
682	SLU 75	-4.57	-3.93	310.62	-22.7135	-18.7462	-0.6715
682	SLU 76	-4.54	-3.81	308.73	-22.5745	-18.6275	-0.6625
682	SLU 77	-4.63	-4.17	313.46	-22.9261	-18.9209	-0.6923
682	SLU 78	-4.62	-3.98	313.54	-22.9256	-18.9225	-0.6801
682	SLU 79	-4.6	-4.17	311.51	-22.7875	-18.8011	-0.6914
682	SLU 80	-4.6	-3.98	311.59	-22.7869	-18.8027	-0.6792
682	SLU 81	-4.54	-4.12	316.59	-23.1457	-19.1075	-0.6813
682	SLU 82	-4.54	-3.93	316.67	-23.1452	-19.1092	-0.6691
682	SLU 83	-4.6	-4.16	319.5	-23.3578	-19.2839	-0.6899
682	SLU 84	-4.59	-3.97	319.58	-23.3573	-19.2856	-0.6777
682	SLE RA 1	-3.31	-3.08	210.13	-15.4148	-12.6835	-0.5017
682	SLE RA 2	-3.3	-2.87	210.22	-15.4142	-12.6854	-0.4881
682	SLE RA 3	-3.36	-3.11	213.37	-15.6486	-12.8809	-0.508
682	SLE RA 4	-3.36	-2.98	213.42	-15.6483	-12.882	-0.4998
682	SLE RA 5	-3.34	-2.9	212.16	-15.5556	-12.8029	-0.4938
682	SLE RA 6	-3.4	-3.14	215.31	-15.79	-12.9985	-0.5137
682	SLE RA 7	-3.4	-3.01	215.37	-15.7896	-12.9996	-0.5056
682	SLE RA 8	-3.38	-3.14	214.01	-15.6976	-12.9186	-0.5131
682	SLE RA 9	-3.38	-3.01	214.07	-15.6972	-12.9197	-0.505
682	SLE RA 10	-3.38	-2.92	227.18	-16.6313	-13.7107	-0.4991
682	SLE RA 11	-3.44	-3.16	230.34	-16.8657	-13.9062	-0.519
682	SLE RA 12	-3.43	-3.04	230.39	-16.8654	-13.9074	-0.5108
682	SLE RA 13	-3.42	-2.95	229.13	-16.7727	-13.8283	-0.5048
682	SLE RA 14	-3.47	-3.19	232.28	-17.0071	-14.0238	-0.5247
682	SLE RA 15	-3.47	-3.06	232.33	-17.0068	-14.0249	-0.5166
682	SLE RA 16	-3.46	-3.19	230.98	-16.9147	-13.9439	-0.5241
682	SLE RA 17	-3.46	-3.06	231.03	-16.9143	-13.9451	-0.516
682	SLE RA 18	-3.42	-3.16	234.37	-17.1535	-14.1483	-0.5174
682	SLE RA 19	-3.41	-3.03	234.42	-17.1531	-14.1494	-0.5092
682	SLE RA 20	-3.45	-3.18	236.31	-17.2949	-14.2658	-0.5231
682	SLE RA 21	-3.45	-3.06	236.36	-17.2945	-14.2669	-0.5149
682	SLE FR 1	-3.31	-3.08	210.13	-15.4148	-12.6835	-0.5017
682	SLE FR 2	-3.31	-3.04	210.15	-15.4147	-12.6839	-0.4989
682	SLE FR 3	-3.32	-3.09	210.91	-15.4713	-12.7305	-0.504
682	SLE FR 4	-3.34	-3.06	217.42	-15.9363	-13.1233	-0.5037
682	SLE FR 5	-3.35	-3.11	218.18	-15.9929	-13.1699	-0.5087
682	SLE FR 6	-3.36	-3.12	222.25	-16.2841	-13.4159	-0.5095
682	SLE QP 1	-3.31	-3.08	210.13	-15.4148	-12.6835	-0.5017
682	SLE QP 2	-3.34	-3.1	217.4	-15.9364	-13.1229	-0.5064
682	SLD 1	13.41	-2.23	237.05	-17.5	-14.0263	0.786
682	SLD 2	13.39	-3.68	237.41	-17.4628	-14.0519	0.7358
682	SLD 3	13.59	-7.67	237.81	-17.6265	-14.1624	0.4395
682	SLD 4	13.57	-9.12	238.16	-17.5894	-14.188	0.3892
682	SLD 5	1.42	5.67	222.09	-16.2202	-13.183	0.416
682	SLD 6	1.4	4.71	222.33	-16.1958	-13.1999	0.3829
682	SLD 7	2.02	-12.46	224.6	-16.6419	-13.6365	-0.7393
682	SLD 8	2.01	-13.42	224.84	-16.6175	-13.6534	-0.7723
682	SLD 9	-8.68	7.21	209.97	-15.2553	-12.5925	-0.2404
682	SLD 10	-8.7	6.26	210.2	-15.2308	-12.6093	-0.2735
682	SLD 11	-8.08	-10.92	212.48	-15.677	-13.0459	-1.3957
682	SLD 12	-8.09	-11.87	212.71	-15.6525	-13.0628	-1.4287
682	SLD 13	-20.25	2.92	196.64	-14.2834	-12.0578	-1.402



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
682	SLD 14	-20.27	1.47	197	-14.2463	-12.0835	-1.4522
682	SLD 15	-20.07	-2.52	197.39	-14.4099	-12.1939	-1.7486
682	SLD 16	-20.09	-3.97	197.75	-14.3728	-12.2195	-1.7988
682	SLV 1	35.85	-1.27	263.41	-19.5958	-15.2426	2.504
682	SLV 2	35.81	-4.66	264.24	-19.5094	-15.3023	2.387
682	SLV 3	36.27	-13.6	265.16	-19.8887	-15.5519	1.7189
682	SLV 4	36.22	-16.98	266	-19.8022	-15.6116	1.602
682	SLV 5	7.79	16.72	228.39	-16.6051	-13.2794	1.6077
682	SLV 6	7.76	14.54	228.93	-16.5492	-13.318	1.532
682	SLV 7	9.19	-24.36	234.25	-17.5812	-14.3104	-1.0091
682	SLV 8	9.16	-26.55	234.79	-17.5252	-14.349	-1.0848
682	SLV 9	-15.84	20.34	200.01	-14.3475	-11.8968	0.072
682	SLV 10	-15.87	18.15	200.55	-14.2916	-11.9354	-0.0036
682	SLV 11	-14.44	-20.74	205.87	-15.3236	-12.9279	-2.5447
682	SLV 12	-14.47	-22.93	206.41	-15.2677	-12.9665	-2.6204
682	SLV 13	-42.9	10.78	168.81	-12.0706	-10.6342	-2.6147
682	SLV 14	-42.95	7.39	169.64	-11.9841	-10.6939	-2.7317
682	SLV 15	-42.48	-1.55	170.56	-12.3634	-10.9435	-3.3998
682	SLV 16	-42.53	-4.93	171.4	-12.277	-11.0032	-3.5167
682	CRTFP Ux+	0	0	0	0	0	0
682	CRTFP Ux-	0	0	0	0	0	0
682	CRTFP Uy+	0	0	0	0	0	0
682	CRTFP Uy-	0	0	0	0	0	0
727	SLU 1	-0.55	0.45	32.65	0.8911	-7.0134	0.1248
727	SLU 2	-0.54	0.54	32.66	0.8914	-7.0156	0.1464
727	SLU 3	-0.56	0.46	33.43	0.9125	-7.1799	0.1285
727	SLU 4	-0.56	0.51	33.44	0.9127	-7.1812	0.1415
727	SLU 5	-0.55	0.54	33.14	0.9046	-7.1176	0.1491
727	SLU 6	-0.57	0.47	33.92	0.9256	-7.2819	0.1313
727	SLU 7	-0.57	0.52	33.92	0.9258	-7.2833	0.1442
727	SLU 8	-0.57	0.47	33.61	0.9174	-7.2174	0.1302
727	SLU 9	-0.57	0.52	33.62	0.9176	-7.2187	0.1432
727	SLU 10	-0.56	0.63	36.46	0.995	-7.8347	0.1712
727	SLU 11	-0.58	0.56	37.23	1.0161	-7.999	0.1533
727	SLU 12	-0.58	0.61	37.24	1.0163	-8.0003	0.1663
727	SLU 13	-0.57	0.64	36.94	1.0082	-7.9367	0.1739
727	SLU 14	-0.59	0.57	37.71	1.0292	-8.101	0.156
727	SLU 15	-0.59	0.62	37.72	1.0294	-8.1023	0.169
727	SLU 16	-0.59	0.56	37.41	1.0209	-8.0365	0.155
727	SLU 17	-0.58	0.62	37.42	1.0212	-8.0378	0.168
727	SLU 18	-0.58	0.58	38.07	1.0391	-8.1835	0.1601
727	SLU 19	-0.57	0.64	38.08	1.0393	-8.1848	0.1731
727	SLU 20	-0.59	0.59	38.56	1.0522	-8.2855	0.1629
727	SLU 21	-0.58	0.65	38.56	1.0524	-8.2868	0.1758
727	SLU 22	-0.59	0.53	36.47	0.9956	-7.8348	0.1481
727	SLU 23	-0.58	0.62	36.48	0.9959	-7.8371	0.1697
727	SLU 24	-0.6	0.55	37.26	1.017	-8.0014	0.1518
727	SLU 25	-0.6	0.6	37.27	1.0172	-8.0027	0.1648
727	SLU 26	-0.59	0.63	36.97	1.0091	-7.9391	0.1725
727	SLU 27	-0.61	0.56	37.74	1.0301	-8.1034	0.1546
727	SLU 28	-0.61	0.61	37.75	1.0303	-8.1047	0.1676
727	SLU 29	-0.61	0.55	37.44	1.0218	-8.0389	0.1536
727	SLU 30	-0.61	0.61	37.44	1.0221	-8.0402	0.1665
727	SLU 31	-0.6	0.72	40.28	1.0995	-8.6561	0.1945
727	SLU 32	-0.62	0.65	41.06	1.1205	-8.8204	0.1766
727	SLU 33	-0.62	0.7	41.06	1.1208	-8.8218	0.1896
727	SLU 34	-0.61	0.73	40.76	1.1126	-8.7581	0.1972
727	SLU 35	-0.63	0.66	41.54	1.1337	-8.9225	0.1793
727	SLU 36	-0.63	0.71	41.54	1.1339	-8.9238	0.1923
727	SLU 37	-0.63	0.65	41.24	1.1254	-8.8579	0.1783
727	SLU 38	-0.62	0.7	41.24	1.1256	-8.8593	0.1913
727	SLU 39	-0.62	0.67	41.9	1.1435	-9.0049	0.1834
727	SLU 40	-0.61	0.73	41.9	1.1437	-9.0063	0.1964
727	SLU 41	-0.63	0.68	42.38	1.1567	-9.1069	0.1862
727	SLU 42	-0.62	0.74	42.39	1.1569	-9.1083	0.1992
727	SLU 43	-0.7	0.55	41.13	1.1226	-8.8357	0.1542
727	SLU 44	-0.7	0.64	41.14	1.1229	-8.838	0.1758
727	SLU 45	-0.72	0.56	41.92	1.144	-9.0023	0.158
727	SLU 46	-0.71	0.61	41.92	1.1442	-9.0036	0.1709
727	SLU 47	-0.71	0.65	41.62	1.1361	-8.94	0.1786
727	SLU 48	-0.73	0.57	42.4	1.1571	-9.1043	0.1607
727	SLU 49	-0.72	0.62	42.41	1.1573	-9.1056	0.1737
727	SLU 50	-0.72	0.57	42.1	1.1489	-9.0398	0.1597
727	SLU 51	-0.72	0.62	42.1	1.1491	-9.0411	0.1727
727	SLU 52	-0.71	0.73	44.94	1.2265	-9.657	0.2006
727	SLU 53	-0.73	0.66	45.71	1.2476	-9.8213	0.1827
727	SLU 54	-0.73	0.71	45.72	1.2478	-9.8227	0.1957
727	SLU 55	-0.72	0.74	45.42	1.2397	-9.759	0.2033
727	SLU 56	-0.74	0.67	46.2	1.2607	-9.9233	0.1854
727	SLU 57	-0.74	0.72	46.2	1.2609	-9.9247	0.1984
727	SLU 58	-0.74	0.67	45.89	1.2524	-9.8588	0.1844
727	SLU 59	-0.74	0.72	45.9	1.2527	-9.8602	0.1974
727	SLU 60	-0.73	0.69	46.56	1.2706	-10.0058	0.1895
727	SLU 61	-0.72	0.74	46.56	1.2708	-10.0072	0.2025
727	SLU 62	-0.74	0.7	47.04	1.2837	-10.1078	0.1923
727	SLU 63	-0.73	0.75	47.04	1.2839	-10.1092	0.2053
727	SLU 64	-0.74	0.64	44.96	1.2271	-9.6572	0.1775
727	SLU 65	-0.74	0.73	44.97	1.2274	-9.6594	0.1992
727	SLU 66	-0.76	0.65	45.74	1.2485	-9.8237	0.1813



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
727	SLU 67	-0.75	0.7	45.75	1.2487	-9.8251	0.1943
727	SLU 68	-0.75	0.74	45.45	1.2406	-9.7614	0.2019
727	SLU 69	-0.77	0.66	46.22	1.2616	-9.9257	0.184
727	SLU 70	-0.76	0.71	46.23	1.2618	-9.9271	0.197
727	SLU 71	-0.76	0.66	45.92	1.2533	-9.8612	0.183
727	SLU 72	-0.76	0.71	45.93	1.2536	-9.8626	0.196
727	SLU 73	-0.75	0.82	48.76	1.331	-10.4785	0.2239
727	SLU 74	-0.77	0.75	49.54	1.352	-10.6428	0.206
727	SLU 75	-0.77	0.8	49.55	1.3523	-10.6441	0.219
727	SLU 76	-0.76	0.83	49.25	1.3441	-10.5805	0.2266
727	SLU 77	-0.78	0.76	50.02	1.3652	-10.7448	0.2088
727	SLU 78	-0.78	0.81	50.03	1.3654	-10.7462	0.2217
727	SLU 79	-0.78	0.76	49.72	1.3569	-10.6803	0.2077
727	SLU 80	-0.78	0.81	49.72	1.3571	-10.6816	0.2207
727	SLU 81	-0.77	0.78	50.38	1.375	-10.8273	0.2129
727	SLU 82	-0.76	0.83	50.39	1.3753	-10.8286	0.2259
727	SLU 83	-0.78	0.79	50.86	1.3882	-10.9293	0.2156
727	SLU 84	-0.77	0.84	50.87	1.3884	-10.9306	0.2286
727	SLE RA 1	-0.56	0.47	33.74	0.9209	-7.2481	0.1314
727	SLE RA 2	-0.56	0.53	33.75	0.9212	-7.2495	0.1458
727	SLE RA 3	-0.57	0.48	34.27	0.9352	-7.3591	0.1339
727	SLE RA 4	-0.57	0.51	34.27	0.9353	-7.36	0.1426
727	SLE RA 5	-0.56	0.54	34.07	0.9299	-7.3176	0.1477
727	SLE RA 6	-0.58	0.49	34.59	0.944	-7.4271	0.1358
727	SLE RA 7	-0.58	0.52	34.59	0.9441	-7.428	0.1444
727	SLE RA 8	-0.57	0.48	34.39	0.9384	-7.3841	0.1351
727	SLE RA 9	-0.57	0.52	34.39	0.9386	-7.385	0.1437
727	SLE RA 10	-0.57	0.59	36.28	0.9902	-7.7956	0.1623
727	SLE RA 11	-0.58	0.55	36.8	1.0043	-7.9051	0.1504
727	SLE RA 12	-0.58	0.58	36.8	1.0044	-7.906	0.1591
727	SLE RA 13	-0.58	0.6	36.6	0.999	-7.8636	0.1642
727	SLE RA 14	-0.59	0.55	37.12	1.013	-7.9731	0.1523
727	SLE RA 15	-0.59	0.59	37.12	1.0132	-7.974	0.1609
727	SLE RA 16	-0.59	0.55	36.92	1.0075	-7.9301	0.1516
727	SLE RA 17	-0.58	0.58	36.92	1.0077	-7.931	0.1602
727	SLE RA 18	-0.58	0.56	37.36	1.0196	-8.0281	0.155
727	SLE RA 19	-0.58	0.6	37.36	1.0197	-8.029	0.1636
727	SLE RA 20	-0.59	0.57	37.68	1.0283	-8.0961	0.1568
727	SLE RA 21	-0.58	0.61	37.68	1.0285	-8.097	0.1655
727	SLE FR 1	-0.56	0.47	33.74	0.9209	-7.2481	0.1314
727	SLE FR 2	-0.56	0.48	33.74	0.921	-7.2484	0.1343
727	SLE FR 3	-0.56	0.47	33.87	0.9244	-7.2753	0.1321
727	SLE FR 4	-0.57	0.51	34.83	0.9506	-7.4824	0.1414
727	SLE FR 5	-0.57	0.5	34.96	0.954	-7.5093	0.1392
727	SLE FR 6	-0.57	0.52	35.55	0.9703	-7.6381	0.1432
727	SLE QP 1	-0.56	0.47	33.74	0.9209	-7.2481	0.1314
727	SLE QP 2	-0.57	0.5	34.83	0.9505	-7.4821	0.1385
727	SLD 1	1.64	1.07	44.28	1.2046	-9.4058	0.2255
727	SLD 2	1.61	0.59	44.3	1.206	-9.4042	0.108
727	SLD 3	1.58	-0.09	44.17	1.2071	-9.368	-0.0608
727	SLD 4	1.55	-0.56	44.19	1.2086	-9.3664	-0.1783
727	SLD 5	0.19	2.5	37.83	1.0226	-8.1168	0.6198
727	SLD 6	0.17	2.19	37.84	1.0235	-8.1157	0.5424
727	SLD 7	-0.01	-1.34	37.46	1.0311	-7.9908	-0.3344
727	SLD 8	-0.03	-1.65	37.47	1.0321	-7.9898	-0.4117
727	SLD 9	-1.11	2.65	32.18	0.8689	-6.9743	0.6887
727	SLD 10	-1.13	2.34	32.2	0.8699	-6.9733	0.6113
727	SLD 11	-1.3	-1.19	31.81	0.8775	-6.8484	-0.2654
727	SLD 12	-1.32	-1.51	31.83	0.8785	-6.8474	-0.3428
727	SLD 13	-2.68	1.56	25.46	0.6925	-5.5977	0.4552
727	SLD 14	-2.71	1.08	25.49	0.6939	-5.5962	0.3377
727	SLD 15	-2.74	0.41	25.35	0.695	-5.5599	0.169
727	SLD 16	-2.77	-0.07	25.38	0.6965	-5.5584	0.0515
727	SLV 1	4.59	1.78	56.95	1.5452	-11.9844	0.3306
727	SLV 2	4.52	0.67	57.01	1.5486	-11.9807	0.0571
727	SLV 3	4.45	-0.83	56.69	1.5512	-11.8976	-0.3178
727	SLV 4	4.39	-1.94	56.75	1.5546	-11.894	-0.5914
727	SLV 5	1.2	5.04	41.84	1.1192	-8.965	1.2271
727	SLV 6	1.15	4.32	41.88	1.1214	-8.9626	1.0501
727	SLV 7	0.75	-3.67	40.98	1.1392	-8.6758	-0.9344
727	SLV 8	0.7	-4.39	41.03	1.1414	-8.6735	-1.1115
727	SLV 9	-1.84	5.39	28.63	0.7596	-6.2907	1.3885
727	SLV 10	-1.88	4.67	28.67	0.7618	-6.2883	1.2114
727	SLV 11	-2.29	-3.33	27.77	0.7796	-6.0016	-0.7731
727	SLV 12	-2.33	-4.04	27.81	0.7818	-5.9992	-0.9501
727	SLV 13	-5.52	2.94	12.9	0.3465	-3.0702	0.8684
727	SLV 14	-5.59	1.83	12.97	0.3499	-3.0665	0.5948
727	SLV 15	-5.66	0.32	12.64	0.3525	-2.9834	0.2199
727	SLV 16	-5.72	-0.79	12.71	0.3559	-2.9798	-0.0537
727	CRTFP Ux+	0	0	0	0	0	0
727	CRTFP Ux-	0	0	0	0	0	0
727	CRTFP Uy+	0	0	0	0	0	0
727	CRTFP Uy-	0	0	0	0	0	0
730	SLU 1	0.67	0.36	37.54	1.0247	11.4663	-0.1435
730	SLU 2	0.66	0.46	37.55	1.025	11.4705	-0.177
730	SLU 3	0.68	0.36	38.44	1.0492	11.7376	-0.1455
730	SLU 4	0.68	0.42	38.45	1.0494	11.7401	-0.1656
730	SLU 5	0.67	0.46	38.11	1.0402	11.6381	-0.177
730	SLU 6	0.7	0.36	39	1.0644	11.9053	-0.1454



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
730	SLU 7	0.69	0.42	39.01	1.0646	11.9078	-0.1655
730	SLU 8	0.69	0.36	38.66	1.0552	11.8016	-0.1435
730	SLU 9	0.68	0.42	38.66	1.0552	11.8041	-0.1635
730	SLU 10	0.69	0.56	41.91	1.1438	12.8029	-0.2147
730	SLU 11	0.72	0.47	42.8	1.168	13.07	-0.1832
730	SLU 12	0.72	0.53	42.81	1.1683	13.0726	-0.2033
730	SLU 13	0.71	0.56	42.47	1.159	12.9706	-0.2147
730	SLU 14	0.73	0.47	43.36	1.1832	13.2377	-0.1832
730	SLU 15	0.73	0.53	43.37	1.1834	13.2402	-0.2033
730	SLU 16	0.73	0.46	43.02	1.1738	13.134	-0.1812
730	SLU 17	0.72	0.52	43.02	1.174	13.1365	-0.2013
730	SLU 18	0.72	0.51	43.77	1.1944	13.3698	-0.1974
730	SLU 19	0.71	0.57	43.77	1.1946	13.3723	-0.2175
730	SLU 20	0.73	0.51	44.33	1.2096	13.5374	-0.1974
730	SLU 21	0.73	0.57	44.33	1.2098	13.5399	-0.2175
730	SLU 22	0.72	0.45	41.9	1.1435	12.7939	-0.1768
730	SLU 23	0.71	0.55	41.91	1.1439	12.798	-0.2103
730	SLU 24	0.74	0.46	42.8	1.1681	13.0652	-0.1788
730	SLU 25	0.73	0.51	42.81	1.1683	13.0677	-0.1989
730	SLU 26	0.72	0.55	42.47	1.1591	12.9657	-0.2103
730	SLU 27	0.75	0.46	43.36	1.1833	13.2328	-0.1787
730	SLU 28	0.75	0.51	43.36	1.1835	13.2353	-0.1988
730	SLU 29	0.74	0.45	43.01	1.1739	13.1291	-0.1768
730	SLU 30	0.74	0.51	43.02	1.1741	13.1317	-0.1968
730	SLU 31	0.75	0.65	46.27	1.2627	14.1304	-0.248
730	SLU 32	0.78	0.56	47.16	1.2869	14.3976	-0.2165
730	SLU 33	0.77	0.62	47.17	1.2871	14.4001	-0.2366
730	SLU 34	0.76	0.65	46.83	1.2779	14.2981	-0.248
730	SLU 35	0.79	0.56	47.72	1.3021	14.5652	-0.2165
730	SLU 36	0.78	0.62	47.72	1.3023	14.5677	-0.2366
730	SLU 37	0.78	0.56	47.37	1.2927	14.4616	-0.2145
730	SLU 38	0.78	0.61	47.38	1.2929	14.4641	-0.2346
730	SLU 39	0.77	0.6	48.13	1.3133	14.6973	-0.2307
730	SLU 40	0.77	0.66	48.13	1.3135	14.6998	-0.2508
730	SLU 41	0.79	0.6	48.68	1.3285	14.8649	-0.2307
730	SLU 42	0.78	0.66	48.69	1.3287	14.8674	-0.2508
730	SLU 43	0.85	0.44	47.31	1.2913	14.4511	-0.1752
730	SLU 44	0.84	0.53	47.32	1.2916	14.4552	-0.2087
730	SLU 45	0.87	0.44	48.21	1.3159	14.7224	-0.1771
730	SLU 46	0.86	0.5	48.22	1.3161	14.7249	-0.1972
730	SLU 47	0.85	0.53	47.88	1.3068	14.6229	-0.2086
730	SLU 48	0.88	0.44	48.77	1.331	14.89	-0.1771
730	SLU 49	0.87	0.5	48.77	1.3312	14.8925	-0.1972
730	SLU 50	0.87	0.44	48.42	1.3216	14.7864	-0.1751
730	SLU 51	0.87	0.49	48.43	1.3218	14.7889	-0.1952
730	SLU 52	0.88	0.64	51.68	1.4105	15.7877	-0.2464
730	SLU 53	0.9	0.55	52.57	1.4347	16.0548	-0.2149
730	SLU 54	0.9	0.6	52.58	1.4349	16.0573	-0.2349
730	SLU 55	0.89	0.64	52.23	1.4256	15.9553	-0.2463
730	SLU 56	0.91	0.55	53.13	1.4498	16.2224	-0.2148
730	SLU 57	0.91	0.6	53.13	1.4501	16.2249	-0.2349
730	SLU 58	0.91	0.54	52.78	1.4404	16.1188	-0.2128
730	SLU 59	0.9	0.6	52.79	1.4407	16.1213	-0.2329
730	SLU 60	0.9	0.59	53.54	1.461	16.3545	-0.2291
730	SLU 61	0.89	0.65	53.54	1.4612	16.357	-0.2492
730	SLU 62	0.91	0.59	54.09	1.4762	16.5222	-0.229
730	SLU 63	0.91	0.64	54.1	1.4764	16.5247	-0.2491
730	SLU 64	0.9	0.53	51.67	1.4102	15.7786	-0.2085
730	SLU 65	0.89	0.63	51.68	1.4105	15.7828	-0.242
730	SLU 66	0.92	0.53	52.57	1.4347	16.0499	-0.2104
730	SLU 67	0.91	0.59	52.57	1.435	16.0524	-0.2305
730	SLU 68	0.91	0.62	52.23	1.4257	15.9504	-0.2419
730	SLU 69	0.93	0.53	53.13	1.4499	16.2176	-0.2104
730	SLU 70	0.93	0.59	53.13	1.4501	16.2201	-0.2305
730	SLU 71	0.92	0.53	52.78	1.4405	16.1139	-0.2084
730	SLU 72	0.92	0.58	52.79	1.4407	16.1164	-0.2285
730	SLU 73	0.93	0.73	56.04	1.5294	17.1152	-0.2797
730	SLU 74	0.96	0.64	56.93	1.5536	17.3823	-0.2482
730	SLU 75	0.95	0.7	56.93	1.5538	17.3848	-0.2682
730	SLU 76	0.94	0.73	56.59	1.5445	17.2828	-0.2796
730	SLU 77	0.97	0.64	57.49	1.5687	17.55	-0.2481
730	SLU 78	0.96	0.7	57.49	1.5689	17.5525	-0.2682
730	SLU 79	0.96	0.63	57.14	1.5593	17.4463	-0.2461
730	SLU 80	0.96	0.69	57.15	1.5596	17.4488	-0.2662
730	SLU 81	0.95	0.68	57.9	1.5799	17.682	-0.2624
730	SLU 82	0.95	0.74	57.9	1.5801	17.6845	-0.2825
730	SLU 83	0.97	0.68	58.45	1.5951	17.8497	-0.2623
730	SLU 84	0.96	0.74	58.46	1.5953	17.8522	-0.2824
730	SLE RA 1	0.68	0.39	38.79	1.0586	11.8456	-0.1531
730	SLE RA 2	0.68	0.45	38.79	1.0589	11.8484	-0.1754
730	SLE RA 3	0.69	0.39	39.39	1.075	12.0265	-0.1543
730	SLE RA 4	0.69	0.43	39.39	1.0751	12.0282	-0.1677
730	SLE RA 5	0.68	0.45	39.16	1.069	11.9602	-0.1753
730	SLE RA 6	0.7	0.39	39.76	1.0851	12.1383	-0.1543
730	SLE RA 7	0.7	0.43	39.76	1.0853	12.1399	-0.1677
730	SLE RA 8	0.7	0.39	39.53	1.0788	12.0691	-0.153
730	SLE RA 9	0.69	0.42	39.53	1.079	12.0708	-0.1664
730	SLE RA 10	0.7	0.52	41.7	1.1381	12.7367	-0.2005
730	SLE RA 11	0.72	0.46	42.29	1.1542	12.9148	-0.1795



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
730	SLE RA 12	0.72	0.5	42.3	1.1544	12.9164	-0.1929
730	SLE RA 13	0.71	0.52	42.07	1.1482	12.8484	-0.2005
730	SLE RA 14	0.73	0.46	42.67	1.1643	13.0265	-0.1795
730	SLE RA 15	0.72	0.5	42.67	1.1645	13.0282	-0.1929
730	SLE RA 16	0.72	0.46	42.44	1.1581	12.9574	-0.1782
730	SLE RA 17	0.72	0.49	42.44	1.1582	12.9591	-0.1915
730	SLE RA 18	0.72	0.49	42.94	1.1718	13.1146	-0.189
730	SLE RA 19	0.71	0.53	42.94	1.1719	13.1162	-0.2024
730	SLE RA 20	0.72	0.49	43.31	1.1819	13.2263	-0.189
730	SLE RA 21	0.72	0.52	43.31	1.182	13.228	-0.2023
730	SLE FR 1	0.68	0.39	38.79	1.0586	11.8456	-0.1531
730	SLE FR 2	0.68	0.4	38.79	1.0587	11.8462	-0.1575
730	SLE FR 3	0.68	0.39	38.93	1.0627	11.8903	-0.153
730	SLE FR 4	0.69	0.43	40.03	1.0926	12.2269	-0.1683
730	SLE FR 5	0.7	0.42	40.18	1.0966	12.271	-0.1638
730	SLE FR 6	0.7	0.44	40.86	1.1152	12.4801	-0.171
730	SLE QP 1	0.68	0.39	38.79	1.0586	11.8456	-0.1531
730	SLE QP 2	0.69	0.42	40.03	1.0926	12.2263	-0.1638
730	SLD 1	3.07	0.94	29.37	0.8025	9.2129	-0.3727
730	SLD 2	3.04	1.51	29.36	0.8016	9.2207	-0.5694
730	SLD 3	3.12	-0.34	29.47	0.8054	9.1812	0.0733
730	SLD 4	3.09	0.23	29.46	0.8045	9.189	-0.1234
730	SLD 5	1.34	2.41	36.69	1.0014	11.3689	-0.8677
730	SLD 6	1.32	2.79	36.68	1.0008	11.3741	-0.9972
730	SLD 7	1.49	-1.85	37.01	1.0109	11.2633	0.619
730	SLD 8	1.47	-1.48	37.01	1.0103	11.2685	0.4895
730	SLD 9	-0.09	2.31	43.06	1.1748	13.1841	-0.8171
730	SLD 10	-0.11	2.69	43.05	1.1742	13.1893	-0.9466
730	SLD 11	0.06	-1.95	43.38	1.1843	13.0785	0.6695
730	SLD 12	0.04	-1.58	43.38	1.1837	13.0837	0.54
730	SLD 13	-1.7	0.61	50.6	1.3807	15.2636	-0.2043
730	SLD 14	-1.73	1.17	50.6	1.3798	15.2714	-0.4009
730	SLD 15	-1.66	-0.67	50.7	1.3835	15.2319	0.2417
730	SLD 16	-1.69	-0.11	50.69	1.3826	15.2397	0.0451
730	SLV 1	6.26	1.6	15.07	0.4136	5.1721	-0.6377
730	SLV 2	6.19	2.92	15.06	0.4115	5.1904	-1.0956
730	SLV 3	6.36	-1.3	15.3	0.4203	5.0988	0.3733
730	SLV 4	6.29	0.02	15.29	0.4182	5.1171	-0.0846
730	SLV 5	2.22	4.95	32.2	0.8792	10.218	-1.7599
730	SLV 6	2.17	5.8	32.19	0.8778	10.2299	-2.0562
730	SLV 7	2.56	-4.73	32.96	0.9014	9.9737	1.6102
730	SLV 8	2.52	-3.88	32.95	0.9	9.9856	1.3139
730	SLV 9	-1.13	4.71	47.11	1.2852	14.4671	-1.6415
730	SLV 10	-1.18	5.56	47.11	1.2838	14.4789	-1.9378
730	SLV 11	-0.79	-4.97	47.87	1.3074	14.2227	1.7286
730	SLV 12	-0.83	-4.11	47.86	1.306	14.2346	1.4322
730	SLV 13	-4.91	0.82	64.78	1.767	19.3355	-0.2431
730	SLV 14	-4.98	2.14	64.76	1.7648	19.3538	-0.701
730	SLV 15	-4.8	-2.09	65	1.7736	19.2622	0.768
730	SLV 16	-4.87	-0.77	64.99	1.7715	19.2805	0.31
730	CRTFP Ux+	0	0	0	0	0	0
730	CRTFP Ux-	0	0	0	0	0	0
730	CRTFP Uy+	0	0	0	0	0	0
730	CRTFP Uy-	0	0	0	0	0	0
733	SLU 1	1.24	-0.04	76.68	11.1623	-0.4339	-0.1901
733	SLU 2	1.23	0.08	76.75	11.1728	-0.436	-0.1885
733	SLU 3	1.28	-0.04	78.48	11.4243	-0.4425	-0.1952
733	SLU 4	1.27	0.03	78.52	11.4307	-0.4438	-0.1943
733	SLU 5	1.25	0.07	77.85	11.3334	-0.442	-0.1917
733	SLU 6	1.3	-0.05	79.58	11.5849	-0.4485	-0.1985
733	SLU 7	1.29	0.03	79.62	11.5912	-0.4498	-0.1975
733	SLU 8	1.28	-0.06	78.89	11.4834	-0.4459	-0.1965
733	SLU 9	1.28	0.02	78.93	11.4897	-0.4472	-0.1955
733	SLU 10	1.3	0.18	86.18	12.5469	-0.4843	-0.1991
733	SLU 11	1.35	0.06	87.91	12.7984	-0.4909	-0.2058
733	SLU 12	1.34	0.13	87.95	12.8047	-0.4922	-0.2049
733	SLU 13	1.33	0.17	87.29	12.7074	-0.4904	-0.2023
733	SLU 14	1.37	0.05	89.02	12.9589	-0.4969	-0.209
733	SLU 15	1.36	0.12	89.06	12.9653	-0.4982	-0.2081
733	SLU 16	1.36	0.04	88.32	12.8574	-0.4942	-0.2071
733	SLU 17	1.35	0.11	88.36	12.8638	-0.4955	-0.2061
733	SLU 18	1.35	0.1	90.16	13.1252	-0.5029	-0.2052
733	SLU 19	1.34	0.17	90.2	13.1315	-0.5042	-0.2042
733	SLU 20	1.37	0.09	91.26	13.2858	-0.5089	-0.2084
733	SLU 21	1.36	0.16	91.3	13.2921	-0.5102	-0.2074
733	SLU 22	1.35	0.09	85.93	12.5108	-0.4875	-0.2067
733	SLU 23	1.34	0.21	86	12.5213	-0.4897	-0.2051
733	SLU 24	1.39	0.09	87.73	12.7728	-0.4962	-0.2118
733	SLU 25	1.38	0.17	87.77	12.7791	-0.4975	-0.2109
733	SLU 26	1.36	0.21	87.1	12.6819	-0.4957	-0.2083
733	SLU 27	1.41	0.08	88.83	12.9334	-0.5022	-0.2151
733	SLU 28	1.4	0.16	88.88	12.9397	-0.5035	-0.2141
733	SLU 29	1.39	0.07	88.14	12.8319	-0.4996	-0.2131
733	SLU 30	1.39	0.15	88.18	12.8382	-0.5009	-0.2121
733	SLU 31	1.41	0.31	95.43	13.8953	-0.538	-0.2157
733	SLU 32	1.46	0.19	97.16	14.1469	-0.5445	-0.2224
733	SLU 33	1.45	0.26	97.21	14.1532	-0.5458	-0.2215
733	SLU 34	1.43	0.3	96.54	14.0559	-0.544	-0.2189
733	SLU 35	1.48	0.18	98.27	14.3074	-0.5506	-0.2256



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
733	SLU 36	1.47	0.25	98.31	14.3137	-0.5518	-0.2247
733	SLU 37	1.47	0.17	97.57	14.2059	-0.5479	-0.2237
733	SLU 38	1.46	0.24	97.61	14.2122	-0.5492	-0.2227
733	SLU 39	1.46	0.23	99.41	14.4737	-0.5566	-0.2218
733	SLU 40	1.45	0.3	99.45	14.48	-0.5579	-0.2208
733	SLU 41	1.48	0.22	100.51	14.6342	-0.5626	-0.225
733	SLU 42	1.47	0.29	100.55	14.6406	-0.5639	-0.224
733	SLU 43	1.58	-0.1	96.51	14.0486	-0.5456	-0.2414
733	SLU 44	1.57	0.02	96.58	14.0592	-0.5478	-0.2398
733	SLU 45	1.61	-0.1	98.31	14.3107	-0.5543	-0.2466
733	SLU 46	1.61	-0.02	98.35	14.317	-0.5556	-0.2456
733	SLU 47	1.59	0.02	97.68	14.2197	-0.5538	-0.243
733	SLU 48	1.63	-0.11	99.41	14.4712	-0.5603	-0.2498
733	SLU 49	1.63	-0.03	99.46	14.4776	-0.5616	-0.2488
733	SLU 50	1.62	-0.12	98.72	14.3697	-0.5577	-0.2478
733	SLU 51	1.61	-0.04	98.76	14.3761	-0.5589	-0.2469
733	SLU 52	1.64	0.12	106.01	15.4332	-0.5961	-0.2504
733	SLU 53	1.68	0	107.75	15.6847	-0.6026	-0.2571
733	SLU 54	1.68	0.07	107.79	15.6911	-0.6039	-0.2562
733	SLU 55	1.66	0.11	107.12	15.5938	-0.6021	-0.2536
733	SLU 56	1.7	-0.01	108.85	15.8453	-0.6086	-0.2604
733	SLU 57	1.7	0.06	108.89	15.8516	-0.6099	-0.2594
733	SLU 58	1.69	-0.02	108.15	15.7438	-0.606	-0.2584
733	SLU 59	1.68	0.05	108.19	15.7501	-0.6073	-0.2574
733	SLU 60	1.68	0.04	109.99	16.0115	-0.6147	-0.2565
733	SLU 61	1.67	0.11	110.03	16.0179	-0.616	-0.2555
733	SLU 62	1.7	0.03	111.09	16.1721	-0.6207	-0.2597
733	SLU 63	1.7	0.1	111.13	16.1784	-0.622	-0.2588
733	SLU 64	1.69	0.03	105.76	15.3971	-0.5993	-0.258
733	SLU 65	1.68	0.16	105.83	15.4076	-0.6014	-0.2564
733	SLU 66	1.72	0.03	107.56	15.6592	-0.608	-0.2632
733	SLU 67	1.72	0.11	107.6	15.6655	-0.6092	-0.2622
733	SLU 68	1.7	0.15	106.93	15.5682	-0.6074	-0.2596
733	SLU 69	1.74	0.02	108.67	15.8197	-0.614	-0.2664
733	SLU 70	1.74	0.1	108.71	15.8261	-0.6153	-0.2654
733	SLU 71	1.73	0.02	107.97	15.7182	-0.6113	-0.2644
733	SLU 72	1.72	0.09	108.01	15.7245	-0.6126	-0.2635
733	SLU 73	1.75	0.25	115.27	16.7817	-0.6498	-0.267
733	SLU 74	1.79	0.13	117	17.0332	-0.6563	-0.2737
733	SLU 75	1.79	0.2	117.04	17.0395	-0.6576	-0.2728
733	SLU 76	1.77	0.24	116.37	16.9422	-0.6558	-0.2702
733	SLU 77	1.81	0.12	118.1	17.1938	-0.6623	-0.277
733	SLU 78	1.81	0.2	118.14	17.2001	-0.6636	-0.276
733	SLU 79	1.8	0.11	117.4	17.0923	-0.6597	-0.275
733	SLU 80	1.79	0.19	117.44	17.0986	-0.661	-0.274
733	SLU 81	1.79	0.17	119.24	17.36	-0.6684	-0.2731
733	SLU 82	1.78	0.24	119.28	17.3663	-0.6696	-0.2721
733	SLU 83	1.81	0.16	120.34	17.5206	-0.6744	-0.2763
733	SLU 84	1.8	0.24	120.38	17.5269	-0.6757	-0.2754
733	SLE RA 1	1.27	0	79.32	11.5476	-0.4492	-0.1948
733	SLE RA 2	1.27	0.08	79.37	11.5546	-0.4506	-0.1937
733	SLE RA 3	1.3	0	80.52	11.7223	-0.455	-0.1983
733	SLE RA 4	1.29	0.05	80.55	11.7265	-0.4558	-0.1976
733	SLE RA 5	1.28	0.07	80.1	11.6616	-0.4546	-0.1959
733	SLE RA 6	1.31	-0.01	81.26	11.8293	-0.459	-0.2004
733	SLE RA 7	1.31	0.04	81.29	11.8335	-0.4598	-0.1998
733	SLE RA 8	1.3	-0.02	80.79	11.7616	-0.4572	-0.1991
733	SLE RA 9	1.3	0.03	80.82	11.7659	-0.4581	-0.1985
733	SLE RA 10	1.32	0.14	85.66	12.4706	-0.4828	-0.2008
733	SLE RA 11	1.34	0.06	86.81	12.6383	-0.4872	-0.2053
733	SLE RA 12	1.34	0.11	86.84	12.6425	-0.4881	-0.2047
733	SLE RA 13	1.33	0.14	86.39	12.5777	-0.4869	-0.2029
733	SLE RA 14	1.36	0.05	87.55	12.7453	-0.4912	-0.2075
733	SLE RA 15	1.35	0.1	87.57	12.7496	-0.4921	-0.2068
733	SLE RA 16	1.35	0.05	87.08	12.6777	-0.4894	-0.2061
733	SLE RA 17	1.35	0.1	87.11	12.6819	-0.4903	-0.2055
733	SLE RA 18	1.34	0.09	88.31	12.8562	-0.4952	-0.2049
733	SLE RA 19	1.34	0.14	88.33	12.8604	-0.4961	-0.2042
733	SLE RA 20	1.36	0.08	89.04	12.9632	-0.4992	-0.207
733	SLE RA 21	1.35	0.13	89.07	12.9674	-0.5001	-0.2064
733	SLE FR 1	1.27	0	79.32	11.5476	-0.4492	-0.1948
733	SLE FR 2	1.27	0.01	79.33	11.549	-0.4495	-0.1946
733	SLE FR 3	1.28	-0.01	79.62	11.5904	-0.4508	-0.1957
733	SLE FR 4	1.29	0.04	82.03	11.9415	-0.4633	-0.1976
733	SLE FR 5	1.3	0.02	82.31	11.983	-0.4646	-0.1987
733	SLE FR 6	1.31	0.04	83.81	12.2019	-0.4722	-0.1998
733	SLE QP 1	1.27	0	79.32	11.5476	-0.4492	-0.1948
733	SLE QP 2	1.3	0.02	82.02	11.9401	-0.463	-0.1978
733	SLD 1	7.48	1.19	75.58	11.0327	-0.3186	-1.108
733	SLD 2	7.42	1.81	75.48	11.0164	-0.3193	-1.0873
733	SLD 3	7.52	-0.95	75.76	11.0016	-0.2683	-1.1142
733	SLD 4	7.46	-0.34	75.66	10.9852	-0.269	-1.0936
733	SLD 5	3.1	3.51	79.83	11.7181	-0.4958	-0.4651
733	SLD 6	3.06	3.92	79.77	11.7074	-0.4963	-0.4515
733	SLD 7	3.24	-3.63	80.43	11.6142	-0.3282	-0.4859
733	SLD 8	3.2	-3.22	80.37	11.6034	-0.3287	-0.4723
733	SLD 9	-0.61	3.27	83.67	12.2768	-0.5973	0.0767
733	SLD 10	-0.65	3.68	83.61	12.2661	-0.5978	0.0903
733	SLD 11	-0.47	-3.87	84.27	12.1729	-0.4298	0.0559



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
733	SLD 12	-0.51	-3.47	84.2	12.1621	-0.4302	0.0695
733	SLD 13	-4.87	0.38	88.38	12.8951	-0.657	0.6979
733	SLD 14	-4.93	1	88.28	12.8787	-0.6577	0.7186
733	SLD 15	-4.83	-1.76	88.55	12.8639	-0.6067	0.6917
733	SLD 16	-4.89	-1.15	88.46	12.8475	-0.6075	0.7124
733	SLV 1	15.76	2.68	66.94	9.815	-0.1236	-2.3271
733	SLV 2	15.62	4.12	66.72	9.777	-0.1253	-2.279
733	SLV 3	15.86	-2.17	67.36	9.7431	-0.0096	-2.3416
733	SLV 4	15.72	-0.74	67.13	9.7051	-0.0113	-2.2935
733	SLV 5	5.51	7.94	76.9	11.4183	-0.5338	-0.823
733	SLV 6	5.42	8.87	76.76	11.3937	-0.5349	-0.7918
733	SLV 7	5.84	-8.25	78.29	11.1785	-0.1538	-0.8713
733	SLV 8	5.75	-7.32	78.15	11.1539	-0.1549	-0.8401
733	SLV 9	-3.16	7.37	85.89	12.7263	-0.7712	0.4445
733	SLV 10	-3.25	8.3	85.74	12.7017	-0.7722	0.4757
733	SLV 11	-2.83	-8.82	87.28	12.4866	-0.3911	0.3962
733	SLV 12	-2.92	-7.89	87.13	12.462	-0.3922	0.4273
733	SLV 13	-13.13	0.79	96.9	14.1752	-0.9147	1.8979
733	SLV 14	-13.27	2.22	96.68	14.1372	-0.9164	1.946
733	SLV 15	-13.03	-4.07	97.32	14.1033	-0.8007	1.8834
733	SLV 16	-13.17	-2.64	97.09	14.0652	-0.8024	1.9315
733	CRTFP Ux+	0	0	0	0	0	0
733	CRTFP Ux-	0	0	0	0	0	0
733	CRTFP Uy+	0	0	0	0	0	0
733	CRTFP Uy-	0	0	0	0	0	0
735	SLU 1	-0.56	0.53	36.75	-0.05	-7.0795	0.1297
735	SLU 2	-0.55	0.63	36.77	-0.0499	-7.0822	0.1548
735	SLU 3	-0.58	0.54	37.63	-0.0513	-7.2457	0.1336
735	SLU 4	-0.57	0.61	37.64	-0.0512	-7.2474	0.1487
735	SLU 5	-0.56	0.64	37.31	-0.0507	-7.184	0.1577
735	SLU 6	-0.59	0.56	38.18	-0.0521	-7.3475	0.1365
735	SLU 7	-0.58	0.62	38.18	-0.052	-7.3491	0.1516
735	SLU 8	-0.58	0.55	37.84	-0.0516	-7.283	0.1355
735	SLU 9	-0.58	0.61	37.84	-0.0515	-7.2846	0.1506
735	SLU 10	-0.57	0.74	41.03	-0.0561	-7.9035	0.1834
735	SLU 11	-0.59	0.66	41.9	-0.0575	-8.067	0.1622
735	SLU 12	-0.58	0.72	41.91	-0.0574	-8.0687	0.1773
735	SLU 13	-0.58	0.76	41.58	-0.0569	-8.0052	0.1863
735	SLU 14	-0.6	0.67	42.44	-0.0583	-8.1687	0.1651
735	SLU 15	-0.59	0.73	42.45	-0.0582	-8.1704	0.1802
735	SLU 16	-0.6	0.67	42.1	-0.0578	-8.1042	0.164
735	SLU 17	-0.59	0.73	42.11	-0.0577	-8.1059	0.1791
735	SLU 18	-0.58	0.69	42.85	-0.0589	-8.2528	0.1704
735	SLU 19	-0.58	0.75	42.86	-0.0588	-8.2544	0.1855
735	SLU 20	-0.59	0.7	43.39	-0.0597	-8.3545	0.1733
735	SLU 21	-0.59	0.76	43.4	-0.0596	-8.3561	0.1884
735	SLU 22	-0.6	0.63	41.06	-0.0561	-7.9032	0.1558
735	SLU 23	-0.59	0.73	41.07	-0.056	-7.9059	0.1809
735	SLU 24	-0.61	0.65	41.94	-0.0574	-8.0694	0.1597
735	SLU 25	-0.61	0.71	41.95	-0.0573	-8.0711	0.1748
735	SLU 26	-0.6	0.75	41.61	-0.0568	-8.0076	0.1838
735	SLU 27	-0.62	0.66	42.48	-0.0581	-8.1711	0.1626
735	SLU 28	-0.62	0.72	42.49	-0.0581	-8.1728	0.1777
735	SLU 29	-0.62	0.66	42.14	-0.0577	-8.1066	0.1615
735	SLU 30	-0.62	0.72	42.15	-0.0576	-8.1083	0.1767
735	SLU 31	-0.61	0.85	45.34	-0.0622	-8.7272	0.2095
735	SLU 32	-0.63	0.76	46.21	-0.0635	-8.8907	0.1883
735	SLU 33	-0.62	0.83	46.22	-0.0635	-8.8923	0.2034
735	SLU 34	-0.62	0.86	45.88	-0.0629	-8.8289	0.2124
735	SLU 35	-0.64	0.78	46.75	-0.0643	-8.9924	0.1912
735	SLU 36	-0.63	0.84	46.76	-0.0642	-8.9941	0.2063
735	SLU 37	-0.63	0.77	46.41	-0.0638	-8.9279	0.1901
735	SLU 38	-0.63	0.83	46.42	-0.0638	-8.9295	0.2052
735	SLU 39	-0.62	0.8	47.15	-0.0649	-9.0764	0.1965
735	SLU 40	-0.62	0.86	47.16	-0.0649	-9.0781	0.2116
735	SLU 41	-0.63	0.81	47.69	-0.0657	-9.1782	0.1994
735	SLU 42	-0.63	0.87	47.7	-0.0656	-9.1798	0.2145
735	SLU 43	-0.72	0.65	46.3	-0.063	-8.921	0.1596
735	SLU 44	-0.71	0.75	46.32	-0.0629	-8.9237	0.1848
735	SLU 45	-0.73	0.67	47.18	-0.0642	-9.0872	0.1636
735	SLU 46	-0.73	0.73	47.19	-0.0642	-9.0888	0.1787
735	SLU 47	-0.72	0.76	46.86	-0.0637	-9.0254	0.1877
735	SLU 48	-0.74	0.68	47.73	-0.065	-9.1889	0.1665
735	SLU 49	-0.74	0.74	47.73	-0.065	-9.1905	0.1816
735	SLU 50	-0.74	0.67	47.39	-0.0646	-9.1244	0.1654
735	SLU 51	-0.73	0.74	47.39	-0.0645	-9.126	0.1805
735	SLU 52	-0.72	0.87	50.58	-0.0691	-9.745	0.2133
735	SLU 53	-0.75	0.78	51.45	-0.0704	-9.9085	0.1921
735	SLU 54	-0.74	0.84	51.46	-0.0704	-9.9101	0.2072
735	SLU 55	-0.73	0.88	51.13	-0.0698	-9.8467	0.2162
735	SLU 56	-0.76	0.79	51.99	-0.0712	-10.0102	0.195
735	SLU 57	-0.75	0.85	52	-0.0711	-10.0118	0.2101
735	SLU 58	-0.75	0.79	51.65	-0.0707	-9.9457	0.1939
735	SLU 59	-0.75	0.85	51.66	-0.0707	-9.9473	0.2091
735	SLU 60	-0.74	0.82	52.4	-0.0718	-10.0942	0.2004
735	SLU 61	-0.73	0.88	52.41	-0.0718	-10.0959	0.2155
735	SLU 62	-0.75	0.83	52.94	-0.0726	-10.1959	0.2033
735	SLU 63	-0.74	0.89	52.95	-0.0725	-10.1976	0.2184
735	SLU 64	-0.76	0.76	50.61	-0.069	-9.7446	0.1857



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
735	SLU 65	-0.75	0.86	50.62	-0.0689	-9.7474	0.2109
735	SLU 66	-0.77	0.77	51.49	-0.0703	-9.9109	0.1897
735	SLU 67	-0.76	0.83	51.5	-0.0702	-9.9125	0.2048
735	SLU 68	-0.76	0.87	51.16	-0.0697	-9.8491	0.2138
735	SLU 69	-0.78	0.78	52.03	-0.0711	-10.0126	0.1926
735	SLU 70	-0.77	0.84	52.04	-0.071	-10.0142	0.2077
735	SLU 71	-0.78	0.78	51.69	-0.0706	-9.9481	0.1915
735	SLU 72	-0.77	0.84	51.7	-0.0705	-9.9497	0.2066
735	SLU 73	-0.76	0.97	54.89	-0.0751	-10.5686	0.2394
735	SLU 74	-0.78	0.89	55.76	-0.0765	-10.7321	0.2182
735	SLU 75	-0.78	0.95	55.77	-0.0764	-10.7338	0.2333
735	SLU 76	-0.77	0.98	55.43	-0.0759	-10.6704	0.2423
735	SLU 77	-0.79	0.9	56.3	-0.0773	-10.8339	0.2211
735	SLU 78	-0.79	0.96	56.31	-0.0772	-10.8355	0.2362
735	SLU 79	-0.79	0.89	55.96	-0.0768	-10.7694	0.22
735	SLU 80	-0.78	0.96	55.97	-0.0767	-10.771	0.2351
735	SLU 81	-0.78	0.92	56.7	-0.0779	-10.9179	0.2265
735	SLU 82	-0.77	0.98	56.71	-0.0778	-10.9195	0.2416
735	SLU 83	-0.79	0.93	57.24	-0.0787	-11.0196	0.2294
735	SLU 84	-0.78	0.99	57.25	-0.0786	-11.0213	0.2445
735	SLE RA 1	-0.57	0.56	37.98	-0.0518	-7.3149	0.1371
735	SLE RA 2	-0.57	0.63	37.99	-0.0517	-7.3167	0.1539
735	SLE RA 3	-0.58	0.57	38.57	-0.0526	-7.4257	0.1398
735	SLE RA 4	-0.58	0.61	38.58	-0.0526	-7.4268	0.1498
735	SLE RA 5	-0.57	0.63	38.35	-0.0522	-7.3845	0.1558
735	SLE RA 6	-0.59	0.58	38.93	-0.0531	-7.4935	0.1417
735	SLE RA 7	-0.59	0.62	38.94	-0.0531	-7.4946	0.1518
735	SLE RA 8	-0.59	0.57	38.7	-0.0528	-7.4505	0.141
735	SLE RA 9	-0.58	0.61	38.71	-0.0528	-7.4516	0.1511
735	SLE RA 10	-0.58	0.7	40.84	-0.0558	-7.8642	0.1729
735	SLE RA 11	-0.59	0.65	41.42	-0.0567	-7.9732	0.1588
735	SLE RA 12	-0.59	0.69	41.42	-0.0567	-7.9743	0.1689
735	SLE RA 13	-0.58	0.71	41.2	-0.0563	-7.932	0.1749
735	SLE RA 14	-0.6	0.65	41.78	-0.0573	-8.041	0.1607
735	SLE RA 15	-0.59	0.69	41.78	-0.0572	-8.0421	0.1708
735	SLE RA 16	-0.6	0.65	41.55	-0.0569	-7.998	0.16
735	SLE RA 17	-0.59	0.69	41.56	-0.0569	-7.9991	0.1701
735	SLE RA 18	-0.59	0.67	42.05	-0.0577	-8.097	0.1643
735	SLE RA 19	-0.58	0.71	42.05	-0.0576	-8.0981	0.1744
735	SLE RA 20	-0.59	0.68	42.41	-0.0582	-8.1648	0.1662
735	SLE RA 21	-0.59	0.72	42.41	-0.0581	-8.1659	0.1763
735	SLE FR 1	-0.57	0.56	37.98	-0.0518	-7.3149	0.1371
735	SLE FR 2	-0.57	0.57	37.98	-0.0518	-7.3152	0.1405
735	SLE FR 3	-0.58	0.56	38.13	-0.052	-7.342	0.1379
735	SLE FR 4	-0.58	0.6	39.2	-0.0535	-7.5499	0.1486
735	SLE FR 5	-0.58	0.59	39.35	-0.0538	-7.5766	0.146
735	SLE FR 6	-0.58	0.61	40.01	-0.0547	-7.7059	0.1507
735	SLE QP 1	-0.57	0.56	37.98	-0.0518	-7.3149	0.1371
735	SLE QP 2	-0.58	0.59	39.2	-0.0535	-7.5495	0.1453
735	SLD 1	1.98	1.26	49.67	-0.0709	-9.4893	0.3122
735	SLD 2	1.92	0.7	49.74	-0.0697	-9.4859	0.1746
735	SLD 3	1.89	-0.09	49.77	-0.0693	-9.4442	-0.0233
735	SLD 4	1.83	-0.64	49.84	-0.0682	-9.4409	-0.161
735	SLD 5	0.34	2.93	42.18	-0.0613	-8.2004	0.7289
735	SLD 6	0.3	2.56	42.22	-0.0606	-8.1981	0.6383
735	SLD 7	0.04	-1.55	42.52	-0.0561	-8.0502	-0.3895
735	SLD 8	0	-1.92	42.56	-0.0554	-8.048	-0.4802
735	SLD 9	-1.15	3.1	35.85	-0.0517	-7.051	0.7707
735	SLD 10	-1.19	2.73	35.89	-0.051	-7.0488	0.6801
735	SLD 11	-1.45	-1.38	36.18	-0.0465	-6.9009	-0.3477
735	SLD 12	-1.49	-1.75	36.23	-0.0458	-6.8987	-0.4384
735	SLD 13	-2.98	1.82	28.57	-0.0389	-5.6581	0.4515
735	SLD 14	-3.04	1.27	28.63	-0.0377	-5.6548	0.3139
735	SLD 15	-3.08	0.48	28.67	-0.0373	-5.6131	0.116
735	SLD 16	-3.14	-0.07	28.73	-0.0362	-5.6097	-0.0217
735	SLV 1	5.4	2.1	63.71	-0.0941	-12.0893	0.5222
735	SLV 2	5.27	0.81	63.86	-0.0914	-12.0815	0.2016
735	SLV 3	5.2	-0.95	63.95	-0.0906	-11.9862	-0.2379
735	SLV 4	5.06	-2.24	64.1	-0.0879	-11.9784	-0.5585
735	SLV 5	1.55	5.89	46.17	-0.0716	-9.0691	1.4668
735	SLV 6	1.47	5.05	46.26	-0.0698	-9.0641	1.2594
735	SLV 7	0.87	-4.27	46.96	-0.0597	-8.7255	-1.0669
735	SLV 8	0.78	-5.1	47.06	-0.058	-8.7205	-1.2743
735	SLV 9	-1.93	6.28	31.35	-0.0491	-6.3785	1.5648
735	SLV 10	-2.02	5.45	31.44	-0.0473	-6.3735	1.3574
735	SLV 11	-2.62	-3.87	32.14	-0.0373	-6.0349	-0.9688
735	SLV 12	-2.71	-4.7	32.23	-0.0355	-6.0299	-1.1762
735	SLV 13	-6.21	3.42	14.31	-0.0192	-3.1206	0.849
735	SLV 14	-6.35	2.13	14.45	-0.0165	-3.1128	0.5285
735	SLV 15	-6.42	0.38	14.54	-0.0157	-3.0175	0.0889
735	SLV 16	-6.56	-0.91	14.69	-0.013	-3.0097	-0.2316
735	CRTFP Ux+	0	0	0	0	0	0
735	CRTFP Ux-	0	0	0	0	0	0
735	CRTFP Uy+	0	0	0	0	0	0
735	CRTFP Uy-	0	0	0	0	0	0
738	SLU 1	0.71	0.43	42.18	-0.0586	11.8579	-0.1477
738	SLU 2	0.7	0.54	42.2	-0.0585	11.8635	-0.1866
738	SLU 3	0.73	0.43	43.19	-0.0602	12.135	-0.1494
738	SLU 4	0.72	0.5	43.2	-0.0601	12.1384	-0.1728



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
738	SLU 5	0.71	0.54	42.82	-0.0595	12.0347	-0.1862
738	SLU 6	0.74	0.43	43.82	-0.0611	12.3063	-0.149
738	SLU 7	0.74	0.5	43.83	-0.0611	12.3096	-0.1724
738	SLU 8	0.74	0.43	43.43	-0.0606	12.2004	-0.1469
738	SLU 9	0.73	0.49	43.44	-0.0605	12.2037	-0.1703
738	SLU 10	0.74	0.66	47.08	-0.0659	13.2305	-0.2296
738	SLU 11	0.77	0.56	48.08	-0.0676	13.5021	-0.1924
738	SLU 12	0.76	0.62	48.09	-0.0675	13.5054	-0.2157
738	SLU 13	0.75	0.66	47.71	-0.0669	13.4017	-0.2292
738	SLU 14	0.78	0.56	48.7	-0.0685	13.6733	-0.192
738	SLU 15	0.77	0.62	48.71	-0.0685	13.6766	-0.2153
738	SLU 16	0.77	0.55	48.32	-0.068	13.5674	-0.1899
738	SLU 17	0.77	0.62	48.33	-0.0679	13.5708	-0.2132
738	SLU 18	0.76	0.6	49.16	-0.0692	13.8108	-0.2091
738	SLU 19	0.76	0.67	49.17	-0.0691	13.8141	-0.2324
738	SLU 20	0.78	0.6	49.79	-0.0702	13.982	-0.2087
738	SLU 21	0.77	0.67	49.8	-0.0701	13.9854	-0.232
738	SLU 22	0.77	0.54	47.07	-0.0659	13.2195	-0.1849
738	SLU 23	0.76	0.65	47.09	-0.0658	13.2251	-0.2238
738	SLU 24	0.79	0.54	48.08	-0.0674	13.4967	-0.1866
738	SLU 25	0.78	0.61	48.09	-0.0673	13.5	-0.2099
738	SLU 26	0.77	0.65	47.71	-0.0667	13.3963	-0.2234
738	SLU 27	0.8	0.54	48.71	-0.0684	13.6679	-0.1862
738	SLU 28	0.79	0.61	48.72	-0.0683	13.6712	-0.2096
738	SLU 29	0.79	0.53	48.32	-0.0678	13.562	-0.1841
738	SLU 30	0.79	0.6	48.33	-0.0677	13.5653	-0.2075
738	SLU 31	0.79	0.77	51.97	-0.0732	14.5921	-0.2668
738	SLU 32	0.82	0.66	52.97	-0.0748	14.8637	-0.2296
738	SLU 33	0.82	0.73	52.98	-0.0747	14.867	-0.2529
738	SLU 34	0.81	0.77	52.6	-0.0741	14.7634	-0.2664
738	SLU 35	0.84	0.66	53.59	-0.0758	15.0349	-0.2292
738	SLU 36	0.83	0.73	53.6	-0.0757	15.0383	-0.2525
738	SLU 37	0.83	0.66	53.21	-0.0752	14.929	-0.2271
738	SLU 38	0.82	0.72	53.21	-0.0751	14.9324	-0.2504
738	SLU 39	0.82	0.71	54.05	-0.0764	15.1724	-0.2463
738	SLU 40	0.81	0.78	54.06	-0.0764	15.1758	-0.2696
738	SLU 41	0.83	0.71	54.68	-0.0774	15.3437	-0.2459
738	SLU 42	0.83	0.78	54.68	-0.0773	15.347	-0.2692
738	SLU 43	0.9	0.52	53.16	-0.0737	14.9484	-0.1793
738	SLU 44	0.89	0.63	53.18	-0.0736	14.954	-0.2182
738	SLU 45	0.92	0.53	54.17	-0.0753	15.2256	-0.181
738	SLU 46	0.92	0.59	54.18	-0.0752	15.2289	-0.2043
738	SLU 47	0.91	0.63	53.8	-0.0746	15.1252	-0.2178
738	SLU 48	0.94	0.52	54.8	-0.0762	15.3968	-0.1806
738	SLU 49	0.93	0.59	54.8	-0.0762	15.4001	-0.2039
738	SLU 50	0.93	0.52	54.41	-0.0757	15.2909	-0.1785
738	SLU 51	0.92	0.59	54.42	-0.0756	15.2943	-0.2018
738	SLU 52	0.93	0.76	58.06	-0.081	16.321	-0.2611
738	SLU 53	0.96	0.65	59.06	-0.0827	16.5926	-0.224
738	SLU 54	0.95	0.72	59.07	-0.0826	16.5959	-0.2473
738	SLU 55	0.94	0.75	58.69	-0.082	16.4923	-0.2607
738	SLU 56	0.97	0.65	59.68	-0.0836	16.7638	-0.2236
738	SLU 57	0.97	0.71	59.69	-0.0836	16.7672	-0.2469
738	SLU 58	0.97	0.64	59.3	-0.0831	16.6579	-0.2215
738	SLU 59	0.96	0.71	59.3	-0.083	16.6613	-0.2448
738	SLU 60	0.96	0.7	60.14	-0.0843	16.9013	-0.2407
738	SLU 61	0.95	0.76	60.15	-0.0842	16.9047	-0.264
738	SLU 62	0.97	0.7	60.77	-0.0853	17.0726	-0.2403
738	SLU 63	0.96	0.76	60.77	-0.0852	17.0759	-0.2636
738	SLU 64	0.96	0.63	58.05	-0.081	16.31	-0.2165
738	SLU 65	0.95	0.74	58.07	-0.0809	16.3156	-0.2553
738	SLU 66	0.98	0.63	59.06	-0.0825	16.5872	-0.2182
738	SLU 67	0.97	0.7	59.07	-0.0824	16.5905	-0.2415
738	SLU 68	0.96	0.74	58.69	-0.0818	16.4869	-0.255
738	SLU 69	0.99	0.63	59.69	-0.0835	16.7584	-0.2178
738	SLU 70	0.99	0.7	59.69	-0.0834	16.7618	-0.2411
738	SLU 71	0.99	0.63	59.3	-0.0829	16.6525	-0.2157
738	SLU 72	0.98	0.69	59.31	-0.0828	16.6559	-0.239
738	SLU 73	0.99	0.86	62.95	-0.0883	17.6826	-0.2983
738	SLU 74	1.02	0.76	63.95	-0.0899	17.9542	-0.2611
738	SLU 75	1.01	0.82	63.96	-0.0898	17.9576	-0.2845
738	SLU 76	1	0.86	63.58	-0.0892	17.8539	-0.2979
738	SLU 77	1.03	0.75	64.57	-0.0909	18.1255	-0.2608
738	SLU 78	1.02	0.82	64.58	-0.0908	18.1288	-0.2841
738	SLU 79	1.02	0.75	64.18	-0.0903	18.0196	-0.2587
738	SLU 80	1.02	0.82	64.19	-0.0902	18.0229	-0.282
738	SLU 81	1.01	0.8	65.03	-0.0915	18.2629	-0.2778
738	SLU 82	1.01	0.87	65.04	-0.0915	18.2663	-0.3012
738	SLU 83	1.03	0.8	65.65	-0.0925	18.4342	-0.2775
738	SLU 84	1.02	0.87	65.66	-0.0924	18.4375	-0.3008
738	SLE RA 1	0.73	0.46	43.58	-0.0607	12.2469	-0.1583
738	SLE RA 2	0.72	0.53	43.59	-0.0606	12.2506	-0.1843
738	SLE RA 3	0.74	0.46	44.25	-0.0617	12.4317	-0.1595
738	SLE RA 4	0.74	0.51	44.26	-0.0617	12.4339	-0.175
738	SLE RA 5	0.73	0.53	44.01	-0.0613	12.3648	-0.184
738	SLE RA 6	0.75	0.46	44.67	-0.0624	12.5459	-0.1592
738	SLE RA 7	0.74	0.51	44.68	-0.0623	12.5481	-0.1748
738	SLE RA 8	0.74	0.46	44.41	-0.062	12.4753	-0.1578
738	SLE RA 9	0.74	0.5	44.42	-0.0619	12.4775	-0.1734



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
738	SLE RA 10	0.74	0.62	46.85	-0.0656	13.162	-0.2129
738	SLE RA 11	0.76	0.54	47.51	-0.0667	13.343	-0.1881
738	SLE RA 12	0.76	0.59	47.52	-0.0666	13.3453	-0.2037
738	SLE RA 13	0.75	0.61	47.26	-0.0662	13.2762	-0.2126
738	SLE RA 14	0.77	0.54	47.93	-0.0673	13.4572	-0.1879
738	SLE RA 15	0.77	0.59	47.93	-0.0673	13.4594	-0.2034
738	SLE RA 16	0.77	0.54	47.67	-0.0669	13.3866	-0.1865
738	SLE RA 17	0.76	0.58	47.67	-0.0669	13.3888	-0.202
738	SLE RA 18	0.76	0.58	48.23	-0.0677	13.5489	-0.1993
738	SLE RA 19	0.76	0.62	48.24	-0.0677	13.5511	-0.2148
738	SLE RA 20	0.77	0.58	48.65	-0.0684	13.663	-0.199
738	SLE RA 21	0.77	0.62	48.65	-0.0683	13.6653	-0.2146
738	SLE FR 1	0.73	0.46	43.58	-0.0607	12.2469	-0.1583
738	SLE FR 2	0.73	0.47	43.58	-0.0607	12.2477	-0.1635
738	SLE FR 3	0.73	0.46	43.75	-0.061	12.2926	-0.1582
738	SLE FR 4	0.74	0.51	44.98	-0.0628	12.6383	-0.1758
738	SLE FR 5	0.74	0.49	45.14	-0.0631	12.6832	-0.1705
738	SLE FR 6	0.74	0.52	45.91	-0.0642	12.8979	-0.1788
738	SLE QP 1	0.73	0.46	43.58	-0.0607	12.2469	-0.1583
738	SLE QP 2	0.74	0.49	44.98	-0.0628	12.6375	-0.1706
738	SLD 1	3.38	1.1	33.05	-0.0444	9.5362	-0.3841
738	SLD 2	3.31	1.76	33.01	-0.0457	9.5449	-0.6134
738	SLD 3	3.47	-0.38	33.17	-0.0429	9.4935	0.1351
738	SLD 4	3.4	0.27	33.13	-0.0442	9.5023	-0.0942
738	SLD 5	1.4	2.82	41.22	-0.0594	11.7702	-0.981
738	SLD 6	1.35	3.25	41.2	-0.0603	11.776	-1.132
738	SLD 7	1.71	-2.14	41.62	-0.0542	11.6281	0.7497
738	SLD 8	1.67	-1.71	41.59	-0.0551	11.6338	0.5987
738	SLD 9	-0.19	2.7	48.36	-0.0705	13.6412	-0.9399
738	SLD 10	-0.24	3.13	48.33	-0.0714	13.6469	-1.0909
738	SLD 11	0.12	-2.26	48.75	-0.0654	13.499	0.7908
738	SLD 12	0.08	-1.83	48.73	-0.0662	13.5048	0.6398
738	SLD 13	-1.93	0.71	56.82	-0.0815	15.7728	-0.2471
738	SLD 14	-2	1.37	56.78	-0.0828	15.7815	-0.4763
738	SLD 15	-1.83	-0.77	56.94	-0.0799	15.7301	0.2722
738	SLD 16	-1.9	-0.12	56.9	-0.0812	15.7388	0.0429
738	SLV 1	6.91	1.87	17.06	-0.0197	5.377	-0.6526
738	SLV 2	6.76	3.4	16.96	-0.0227	5.3973	-1.1866
738	SLV 3	7.13	-1.5	17.34	-0.0162	5.279	0.5244
738	SLV 4	6.97	0.03	17.24	-0.0192	5.2994	-0.0096
738	SLV 5	2.29	5.76	36.2	-0.0547	10.6044	-2.0077
738	SLV 6	2.19	6.75	36.13	-0.0566	10.6175	-2.3532
738	SLV 7	3.01	-5.49	37.12	-0.043	10.2779	1.9157
738	SLV 8	2.91	-4.49	37.06	-0.0449	10.2911	1.5702
738	SLV 9	-1.43	5.48	52.89	-0.0807	14.984	-1.9114
738	SLV 10	-1.53	6.48	52.83	-0.0826	14.9971	-2.2569
738	SLV 11	-0.72	-5.76	53.82	-0.069	14.6575	2.012
738	SLV 12	-0.82	-4.77	53.76	-0.071	14.6707	1.6665
738	SLV 13	-5.5	0.96	72.71	-0.1064	19.9756	-0.3316
738	SLV 14	-5.65	2.49	72.61	-0.1095	19.996	-0.8656
738	SLV 15	-5.28	-2.41	72.99	-0.1029	19.8777	0.8454
738	SLV 16	-5.44	-0.88	72.89	-0.106	19.898	0.3114
738	CRTFP Ux+	0	0	0	0	0	0
738	CRTFP Ux-	0	0	0	0	0	0
738	CRTFP Uy+	0	0	0	0	0	0
738	CRTFP Uy-	0	0	0	0	0	0
740	SLU 1	-0.43	0.53	103.83	-14.5885	2.5258	-0.1121
740	SLU 2	-0.43	0.65	103.94	-14.6033	2.5293	-0.1123
740	SLU 3	-0.44	0.57	106.24	-14.9328	2.5892	-0.115
740	SLU 4	-0.44	0.64	106.31	-14.9416	2.5913	-0.1151
740	SLU 5	-0.44	0.66	105.4	-14.8093	2.5662	-0.1144
740	SLU 6	-0.45	0.57	107.7	-15.1388	2.6261	-0.117
740	SLU 7	-0.45	0.65	107.77	-15.1476	2.6282	-0.1171
740	SLU 8	-0.44	0.53	106.74	-15.0005	2.5995	-0.1162
740	SLU 9	-0.44	0.61	106.81	-15.0094	2.6016	-0.1163
740	SLU 10	-0.41	0.8	117.65	-16.5285	2.8852	-0.1127
740	SLU 11	-0.43	0.72	119.96	-16.858	2.9451	-0.1154
740	SLU 12	-0.42	0.79	120.02	-16.8669	2.9472	-0.1155
740	SLU 13	-0.42	0.81	119.11	-16.7345	2.9221	-0.1148
740	SLU 14	-0.43	0.72	121.41	-17.064	2.9819	-0.1175
740	SLU 15	-0.43	0.8	121.48	-17.0729	2.984	-0.1176
740	SLU 16	-0.43	0.68	120.45	-16.9258	2.9554	-0.1166
740	SLU 17	-0.43	0.76	120.52	-16.9346	2.9575	-0.1168
740	SLU 18	-0.41	0.74	123.41	-17.3389	3.0342	-0.1127
740	SLU 19	-0.41	0.82	123.48	-17.3477	3.0363	-0.1128
740	SLU 20	-0.41	0.74	124.87	-17.5449	3.071	-0.1148
740	SLU 21	-0.41	0.82	124.94	-17.5537	3.0731	-0.1149
740	SLU 22	-0.47	0.86	116.78	-16.3888	2.8993	-0.122
740	SLU 23	-0.47	0.99	116.89	-16.4035	2.9029	-0.1222
740	SLU 24	-0.48	0.9	119.2	-16.7331	2.9628	-0.1249
740	SLU 25	-0.48	0.98	119.26	-16.7419	2.9649	-0.125
740	SLU 26	-0.48	0.99	118.35	-16.6095	2.9397	-0.1243
740	SLU 27	-0.49	0.9	120.65	-16.9391	2.9996	-0.1269
740	SLU 28	-0.49	0.98	120.72	-16.9479	3.0017	-0.1271
740	SLU 29	-0.49	0.87	119.69	-16.8008	2.9731	-0.1261
740	SLU 30	-0.49	0.94	119.76	-16.8096	2.9752	-0.1262
740	SLU 31	-0.46	1.14	130.6	-18.3288	3.2587	-0.1226
740	SLU 32	-0.47	1.05	132.91	-18.6583	3.3186	-0.1253
740	SLU 33	-0.47	1.13	132.98	-18.6672	3.3207	-0.1254



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
740	SLU 34	-0.46	1.14	132.06	-18.5348	3.2956	-0.1247
740	SLU 35	-0.47	1.05	134.36	-18.8643	3.3555	-0.1274
740	SLU 36	-0.47	1.13	134.43	-18.8732	3.3576	-0.1275
740	SLU 37	-0.47	1.02	133.4	-18.7261	3.3289	-0.1265
740	SLU 38	-0.47	1.09	133.47	-18.7349	3.331	-0.1267
740	SLU 39	-0.45	1.07	136.37	-19.1392	3.4077	-0.1226
740	SLU 40	-0.45	1.15	136.43	-19.148	3.4098	-0.1227
740	SLU 41	-0.46	1.08	137.82	-19.3452	3.4446	-0.1247
740	SLU 42	-0.46	1.15	137.89	-19.354	3.4467	-0.1248
740	SLU 43	-0.55	0.57	130.54	-18.3478	3.1555	-0.1423
740	SLU 44	-0.54	0.7	130.65	-18.3626	3.159	-0.1425
740	SLU 45	-0.56	0.61	132.95	-18.6921	3.2189	-0.1452
740	SLU 46	-0.56	0.69	133.02	-18.7009	3.221	-0.1453
740	SLU 47	-0.55	0.7	132.1	-18.5686	3.1959	-0.1446
740	SLU 48	-0.56	0.62	134.41	-18.8981	3.2557	-0.1472
740	SLU 49	-0.56	0.69	134.48	-18.9069	3.2578	-0.1474
740	SLU 50	-0.56	0.58	133.45	-18.7598	3.2292	-0.1464
740	SLU 51	-0.56	0.66	133.51	-18.7687	3.2313	-0.1466
740	SLU 52	-0.53	0.85	144.36	-20.2878	3.5149	-0.143
740	SLU 53	-0.54	0.76	146.66	-20.6173	3.5747	-0.1456
740	SLU 54	-0.54	0.84	146.73	-20.6262	3.5769	-0.1458
740	SLU 55	-0.53	0.85	145.82	-20.4938	3.5517	-0.145
740	SLU 56	-0.55	0.76	148.12	-20.8233	3.6116	-0.1477
740	SLU 57	-0.55	0.84	148.19	-20.8322	3.6137	-0.1478
740	SLU 58	-0.54	0.73	147.16	-20.6851	3.585	-0.1469
740	SLU 59	-0.54	0.8	147.23	-20.6939	3.5872	-0.147
740	SLU 60	-0.52	0.78	150.12	-21.0982	3.6638	-0.1429
740	SLU 61	-0.52	0.86	150.19	-21.1071	3.666	-0.1431
740	SLU 62	-0.53	0.79	151.58	-21.3042	3.7007	-0.145
740	SLU 63	-0.53	0.87	151.65	-21.3131	3.7028	-0.1451
740	SLU 64	-0.59	0.9	143.49	-20.1481	3.529	-0.1522
740	SLU 65	-0.59	1.03	143.6	-20.1629	3.5325	-0.1524
740	SLU 66	-0.6	0.94	145.9	-20.4924	3.5924	-0.1551
740	SLU 67	-0.6	1.02	145.97	-20.5012	3.5945	-0.1552
740	SLU 68	-0.59	1.03	145.06	-20.3689	3.5694	-0.1545
740	SLU 69	-0.61	0.95	147.36	-20.6984	3.6293	-0.1572
740	SLU 70	-0.6	1.02	147.43	-20.7072	3.6314	-0.1573
740	SLU 71	-0.6	0.91	146.4	-20.5601	3.6027	-0.1563
740	SLU 72	-0.6	0.99	146.47	-20.569	3.6048	-0.1565
740	SLU 73	-0.57	1.18	157.31	-22.0881	3.8884	-0.1529
740	SLU 74	-0.58	1.09	159.61	-22.4176	3.9483	-0.1555
740	SLU 75	-0.58	1.17	159.68	-22.4265	3.9504	-0.1557
740	SLU 76	-0.58	1.18	158.77	-22.2941	3.9253	-0.1549
740	SLU 77	-0.59	1.1	161.07	-22.6236	3.9851	-0.1576
740	SLU 78	-0.59	1.17	161.14	-22.6325	3.9873	-0.1577
740	SLU 79	-0.58	1.06	160.11	-22.4854	3.9586	-0.1568
740	SLU 80	-0.58	1.14	160.18	-22.4942	3.9607	-0.1569
740	SLU 81	-0.56	1.12	163.07	-22.8985	4.0374	-0.1528
740	SLU 82	-0.56	1.19	163.14	-22.9073	4.0395	-0.153
740	SLU 83	-0.57	1.12	164.53	-23.1045	4.0742	-0.1549
740	SLU 84	-0.57	1.2	164.6	-23.1133	4.0764	-0.155
740	SLE RA 1	-0.44	0.62	107.53	-15.1029	2.6325	-0.1149
740	SLE RA 2	-0.44	0.71	107.6	-15.1127	2.6349	-0.1151
740	SLE RA 3	-0.45	0.65	109.14	-15.3324	2.6748	-0.1168
740	SLE RA 4	-0.45	0.7	109.19	-15.3383	2.6762	-0.1169
740	SLE RA 5	-0.45	0.71	108.57	-15.25	2.6595	-0.1164
740	SLE RA 6	-0.45	0.65	110.11	-15.4697	2.6994	-0.1182
740	SLE RA 7	-0.45	0.7	110.16	-15.4756	2.7008	-0.1183
740	SLE RA 8	-0.45	0.63	109.47	-15.3775	2.6817	-0.1177
740	SLE RA 9	-0.45	0.68	109.51	-15.3834	2.6831	-0.1177
740	SLE RA 10	-0.43	0.81	116.74	-16.3962	2.8721	-0.1154
740	SLE RA 11	-0.44	0.75	118.28	-16.6159	2.912	-0.1171
740	SLE RA 12	-0.44	0.8	118.33	-16.6218	2.9135	-0.1172
740	SLE RA 13	-0.44	0.81	117.71	-16.5336	2.8967	-0.1167
740	SLE RA 14	-0.44	0.75	119.25	-16.7532	2.9366	-0.1185
740	SLE RA 15	-0.44	0.8	119.3	-16.7591	2.938	-0.1186
740	SLE RA 16	-0.44	0.73	118.61	-16.6611	2.9189	-0.118
740	SLE RA 17	-0.44	0.78	118.65	-16.667	2.9203	-0.118
740	SLE RA 18	-0.43	0.76	120.59	-16.9365	2.9714	-0.1153
740	SLE RA 19	-0.43	0.81	120.63	-16.9424	2.9729	-0.1154
740	SLE RA 20	-0.43	0.77	121.56	-17.0738	2.996	-0.1167
740	SLE RA 21	-0.43	0.82	121.6	-17.0797	2.9974	-0.1168
740	SLE FR 1	-0.44	0.62	107.53	-15.1029	2.6325	-0.1149
740	SLE FR 2	-0.44	0.64	107.54	-15.1048	2.633	-0.1149
740	SLE FR 3	-0.44	0.62	107.92	-15.1578	2.6424	-0.1155
740	SLE FR 4	-0.44	0.68	111.46	-15.6549	2.7347	-0.1151
740	SLE FR 5	-0.44	0.66	111.83	-15.7079	2.744	-0.1156
740	SLE FR 6	-0.44	0.69	114.06	-16.0197	2.802	-0.1151
740	SLE QP 1	-0.44	0.62	107.53	-15.1029	2.6325	-0.1149
740	SLE QP 2	-0.44	0.66	111.45	-15.653	2.7342	-0.115
740	SLD 1	8.49	2.97	113.14	-15.5218	2.9986	1.1722
740	SLD 2	8.38	2.58	112.9	-15.5043	2.9936	1.1742
740	SLD 3	8.58	-0.34	112.56	-15.4828	2.9485	1.1838
740	SLD 4	8.46	-0.74	112.32	-15.4654	2.9435	1.1859
740	SLD 5	2.13	6.46	112.87	-15.6759	2.8904	0.2531
740	SLD 6	2.06	6.2	112.71	-15.6643	2.8871	0.2545
740	SLD 7	2.42	-4.6	110.95	-15.5459	2.7234	0.2919
740	SLD 8	2.34	-4.86	110.79	-15.5344	2.7201	0.2932
740	SLD 9	-3.22	6.19	112.1	-15.7715	2.7483	-0.5233



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
740	SLD 10	-3.29	5.93	111.94	-15.76	2.745	-0.522
740	SLD 11	-2.93	-4.88	110.18	-15.6416	2.5813	-0.4846
740	SLD 12	-3.01	-5.13	110.02	-15.6301	2.578	-0.4832
740	SLD 13	-9.34	2.06	110.57	-15.8405	2.5249	-1.4159
740	SLD 14	-9.45	1.67	110.33	-15.8231	2.5199	-1.4139
740	SLD 15	-9.25	-1.26	109.99	-15.8016	2.4748	-1.4043
740	SLD 16	-9.37	-1.65	109.75	-15.7841	2.4698	-1.4023
740	SLV 1	20.45	5.94	115.48	-15.3413	3.3518	2.8967
740	SLV 2	20.18	5.03	114.92	-15.3006	3.3402	2.9014
740	SLV 3	20.65	-1.58	114.17	-15.2514	3.2388	2.9237
740	SLV 4	20.38	-2.49	113.61	-15.2107	3.2271	2.9284
740	SLV 5	5.57	13.81	114.74	-15.7029	3.093	0.7466
740	SLV 6	5.4	13.22	114.38	-15.6765	3.0855	0.7497
740	SLV 7	6.24	-11.26	110.37	-15.4032	2.7161	0.8368
740	SLV 8	6.06	-11.85	110.01	-15.3769	2.7086	0.8398
740	SLV 9	-6.94	13.17	112.88	-15.9291	2.7598	-1.0699
740	SLV 10	-7.11	12.58	112.52	-15.9027	2.7523	-1.0669
740	SLV 11	-6.28	-11.9	108.51	-15.6294	2.3829	-0.9798
740	SLV 12	-6.45	-12.49	108.15	-15.6031	2.3754	-0.9767
740	SLV 13	-21.26	3.81	109.28	-16.0953	2.2413	-3.1585
740	SLV 14	-21.53	2.9	108.72	-16.0546	2.2296	-3.1538
740	SLV 15	-21.06	-3.71	107.97	-16.0054	2.1282	-3.1315
740	SLV 16	-21.33	-4.62	107.41	-15.9647	2.1166	-3.1267
740	CRTFP Ux+	0	0	0	0	0	0
740	CRTFP Ux-	0	0	0	0	0	0
743	SLU 1	0.48	2.01	91.06	-10.3939	-3.8122	0.1398
743	SLU 2	0.48	2.14	91.15	-10.4034	-3.8179	0.1418
743	SLU 3	0.5	2.09	93.13	-10.6323	-3.8984	0.144
743	SLU 4	0.5	2.16	93.19	-10.638	-3.9019	0.1452
743	SLU 5	0.49	2.17	92.42	-10.5479	-3.8695	0.1438
743	SLU 6	0.51	2.11	94.4	-10.7768	-3.95	0.146
743	SLU 7	0.51	2.19	94.46	-10.7825	-3.9534	0.1472
743	SLU 8	0.5	2.07	93.6	-10.6828	-3.9153	0.1438
743	SLU 9	0.5	2.15	93.65	-10.6885	-3.9188	0.145
743	SLU 10	0.53	2.46	103.11	-11.7546	-4.3255	0.1555
743	SLU 11	0.55	2.4	105.1	-11.9835	-4.4061	0.1577
743	SLU 12	0.54	2.48	105.15	-11.9893	-4.4095	0.1588
743	SLU 13	0.54	2.48	104.38	-11.8991	-4.3771	0.1575
743	SLU 14	0.56	2.42	106.37	-12.128	-4.4576	0.1597
743	SLU 15	0.55	2.5	106.42	-12.1337	-4.461	0.1609
743	SLU 16	0.55	2.38	105.56	-12.034	-4.423	0.1575
743	SLU 17	0.55	2.46	105.62	-12.0398	-4.4264	0.1587
743	SLU 18	0.55	2.46	108.15	-12.3242	-4.5374	0.1593
743	SLU 19	0.55	2.54	108.2	-12.3299	-4.5408	0.1605
743	SLU 20	0.56	2.49	109.42	-12.4686	-4.5889	0.1614
743	SLU 21	0.56	2.56	109.47	-12.4744	-4.5924	0.1626
743	SLU 22	0.54	2.45	102.23	-11.6444	-4.3174	0.1592
743	SLU 23	0.53	2.58	102.32	-11.654	-4.3231	0.1612
743	SLU 24	0.55	2.52	104.3	-11.8829	-4.4036	0.1634
743	SLU 25	0.55	2.6	104.36	-11.8886	-4.4071	0.1646
743	SLU 26	0.54	2.6	103.59	-11.7985	-4.3747	0.1632
743	SLU 27	0.57	2.55	105.57	-12.0273	-4.4552	0.1654
743	SLU 28	0.56	2.62	105.63	-12.0331	-4.4586	0.1666
743	SLU 29	0.56	2.5	104.77	-11.9334	-4.4205	0.1632
743	SLU 30	0.56	2.58	104.82	-11.9391	-4.4239	0.1644
743	SLU 31	0.58	2.89	114.28	-13.0052	-4.8307	0.1749
743	SLU 32	0.6	2.83	116.26	-13.2341	-4.9113	0.1771
743	SLU 33	0.6	2.91	116.32	-13.2398	-4.9147	0.1783
743	SLU 34	0.59	2.92	115.55	-13.1497	-4.8823	0.1769
743	SLU 35	0.61	2.86	117.53	-13.3786	-4.9628	0.1791
743	SLU 36	0.61	2.94	117.59	-13.3843	-4.9662	0.1803
743	SLU 37	0.61	2.81	116.73	-13.2846	-4.9282	0.1769
743	SLU 38	0.6	2.89	116.79	-13.2903	-4.9316	0.1781
743	SLU 39	0.61	2.89	119.32	-13.5747	-5.0426	0.1788
743	SLU 40	0.6	2.97	119.37	-13.5805	-5.046	0.1799
743	SLU 41	0.62	2.92	120.59	-13.7192	-5.0941	0.1808
743	SLU 42	0.61	3	120.64	-13.7249	-5.0976	0.182
743	SLU 43	0.61	2.47	114.55	-13.0832	-4.7827	0.1751
743	SLU 44	0.6	2.6	114.64	-13.0928	-4.7884	0.1771
743	SLU 45	0.62	2.54	116.62	-13.3217	-4.8689	0.1792
743	SLU 46	0.62	2.62	116.68	-13.3274	-4.8723	0.1804
743	SLU 47	0.61	2.63	115.91	-13.2373	-4.8399	0.1791
743	SLU 48	0.63	2.57	117.89	-13.4662	-4.9205	0.1813
743	SLU 49	0.63	2.65	117.95	-13.4719	-4.9239	0.1825
743	SLU 50	0.63	2.52	117.09	-13.3722	-4.8858	0.1791
743	SLU 51	0.62	2.6	117.14	-13.3779	-4.8892	0.1803
743	SLU 52	0.65	2.91	126.6	-14.444	-5.296	0.1907
743	SLU 53	0.67	2.85	128.58	-14.6729	-5.3765	0.1929
743	SLU 54	0.67	2.93	128.64	-14.6786	-5.3799	0.1941
743	SLU 55	0.66	2.94	127.87	-14.5885	-5.3475	0.1928
743	SLU 56	0.68	2.88	129.85	-14.8174	-5.4281	0.195
743	SLU 57	0.68	2.96	129.91	-14.8231	-5.4315	0.1961
743	SLU 58	0.68	2.84	129.05	-14.7234	-5.3934	0.1928
743	SLU 59	0.67	2.91	129.1	-14.7291	-5.3968	0.194
743	SLU 60	0.67	2.92	131.64	-15.0136	-5.5078	0.1946
743	SLU 61	0.67	2.99	131.69	-15.0193	-5.5113	0.1958
743	SLU 62	0.69	2.94	132.91	-15.158	-5.5594	0.1966
743	SLU 63	0.68	3.02	132.96	-15.1638	-5.5628	0.1978
743	SLU 64	0.66	2.9	125.71	-14.3338	-5.2879	0.1945



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
743	SLU 65	0.66	3.03	125.81	-14.3434	-5.2936	0.1965
743	SLU 66	0.68	2.98	127.79	-14.5723	-5.3741	0.1987
743	SLU 67	0.68	3.05	127.84	-14.578	-5.3775	0.1998
743	SLU 68	0.67	3.06	127.08	-14.4878	-5.3451	0.1985
743	SLU 69	0.69	3	129.06	-14.7167	-5.4257	0.2007
743	SLU 70	0.69	3.08	129.11	-14.7225	-5.4291	0.2019
743	SLU 71	0.68	2.96	128.25	-14.6228	-5.391	0.1985
743	SLU 72	0.68	3.04	128.31	-14.6285	-5.3944	0.1997
743	SLU 73	0.71	3.35	137.77	-15.6946	-5.8012	0.2101
743	SLU 74	0.73	3.29	139.75	-15.9235	-5.8817	0.2123
743	SLU 75	0.73	3.37	139.81	-15.9292	-5.8851	0.2135
743	SLU 76	0.72	3.37	139.04	-15.8391	-5.8527	0.2122
743	SLU 77	0.74	3.31	141.02	-16.068	-5.9333	0.2144
743	SLU 78	0.74	3.39	141.08	-16.0737	-5.9367	0.2156
743	SLU 79	0.73	3.27	140.22	-15.974	-5.8986	0.2122
743	SLU 80	0.73	3.35	140.27	-15.9797	-5.902	0.2134
743	SLU 81	0.73	3.35	142.8	-16.2641	-6.013	0.214
743	SLU 82	0.73	3.43	142.86	-16.2699	-6.0165	0.2152
743	SLU 83	0.74	3.38	144.07	-16.4086	-6.0646	0.2161
743	SLU 84	0.74	3.45	144.13	-16.4143	-6.068	0.2172
743	SLE RA 1	0.5	2.14	94.25	-10.7512	-3.9566	0.1453
743	SLE RA 2	0.49	2.22	94.31	-10.7575	-3.9604	0.1467
743	SLE RA 3	0.51	2.19	95.63	-10.9101	-4.014	0.1481
743	SLE RA 4	0.51	2.24	95.67	-10.9139	-4.0163	0.1489
743	SLE RA 5	0.5	2.24	95.16	-10.8538	-3.9947	0.148
743	SLE RA 6	0.52	2.2	96.48	-11.0064	-4.0484	0.1495
743	SLE RA 7	0.51	2.26	96.52	-11.0103	-4.0507	0.1503
743	SLE RA 8	0.51	2.17	95.94	-10.9438	-4.0253	0.148
743	SLE RA 9	0.51	2.23	95.98	-10.9476	-4.0276	0.1488
743	SLE RA 10	0.53	2.43	102.29	-11.6583	-4.2988	0.1558
743	SLE RA 11	0.54	2.39	103.61	-11.8109	-4.3525	0.1572
743	SLE RA 12	0.54	2.45	103.64	-11.8148	-4.3547	0.158
743	SLE RA 13	0.53	2.45	103.13	-11.7547	-4.3331	0.1571
743	SLE RA 14	0.55	2.41	104.45	-11.9073	-4.3868	0.1586
743	SLE RA 15	0.55	2.46	104.49	-11.9111	-4.3891	0.1594
743	SLE RA 16	0.54	2.38	103.92	-11.8446	-4.3637	0.1571
743	SLE RA 17	0.54	2.43	103.95	-11.8484	-4.366	0.1579
743	SLE RA 18	0.54	2.44	105.64	-12.038	-4.44	0.1584
743	SLE RA 19	0.54	2.49	105.68	-12.0419	-4.4423	0.1592
743	SLE RA 20	0.55	2.45	106.49	-12.1344	-4.4744	0.1597
743	SLE RA 21	0.55	2.51	106.53	-12.1382	-4.4767	0.1605
743	SLE FR 1	0.5	2.14	94.25	-10.7512	-3.9566	0.1453
743	SLE FR 2	0.5	2.16	94.26	-10.7524	-3.9573	0.1456
743	SLE FR 3	0.5	2.15	94.59	-10.7897	-3.9703	0.1459
743	SLE FR 4	0.51	2.25	97.68	-11.1385	-4.1023	0.1495
743	SLE FR 5	0.51	2.23	98.01	-11.1758	-4.1153	0.1498
743	SLE FR 6	0.52	2.29	99.95	-11.3946	-4.1983	0.1519
743	SLE QP 1	0.5	2.14	94.25	-10.7512	-3.9566	0.1453
743	SLE QP 2	0.51	2.23	97.67	-11.1372	-4.1016	0.1492
743	SLD 1	8.68	3.2	94.85	-10.8354	-3.7548	1.1062
743	SLD 2	8.57	3.52	94.99	-10.8453	-3.7604	1.1168
743	SLD 3	8.56	0.22	94.31	-10.866	-3.6688	1.0326
743	SLD 4	8.46	0.55	94.45	-10.8759	-3.6744	1.0432
743	SLD 5	3.15	6.98	97.61	-10.9985	-4.1269	0.546
743	SLD 6	3.08	7.19	97.7	-11.005	-4.1306	0.553
743	SLD 7	2.78	-2.95	95.82	-11.1005	-3.8404	0.3008
743	SLD 8	2.7	-2.74	95.91	-11.107	-3.8441	0.3078
743	SLD 9	-1.68	7.19	99.42	-11.1674	-4.3591	-0.0093
743	SLD 10	-1.75	7.4	99.51	-11.1739	-4.3628	-0.0023
743	SLD 11	-2.06	-2.74	97.63	-11.2695	-4.0726	-0.2545
743	SLD 12	-2.13	-2.52	97.72	-11.276	-4.0763	-0.2475
743	SLD 13	-7.43	3.91	100.88	-11.3986	-4.5288	-0.7447
743	SLD 14	-7.54	4.23	101.02	-11.4084	-4.5344	-0.7341
743	SLD 15	-7.55	0.93	100.35	-11.4292	-4.4428	-0.8183
743	SLD 16	-7.65	1.25	100.48	-11.439	-4.4484	-0.8077
743	SLV 1	19.61	4.39	91.04	-10.4299	-3.2867	2.3851
743	SLV 2	19.36	5.14	91.36	-10.4528	-3.2997	2.4099
743	SLV 3	19.35	-2.36	89.82	-10.5014	-3.0919	2.2185
743	SLV 4	19.1	-1.61	90.14	-10.5244	-3.1049	2.2432
743	SLV 5	6.67	12.98	97.47	-10.8126	-4.1503	1.0684
743	SLV 6	6.51	13.47	97.68	-10.8274	-4.1587	1.0845
743	SLV 7	5.82	-9.52	93.4	-11.051	-3.501	0.513
743	SLV 8	5.66	-9.03	93.61	-11.0658	-3.5094	0.529
743	SLV 9	-4.63	13.49	101.72	-11.2086	-4.6938	-0.2305
743	SLV 10	-4.8	13.97	101.93	-11.2235	-4.7022	-0.2145
743	SLV 11	-5.49	-9.01	97.65	-11.447	-4.0444	-0.786
743	SLV 12	-5.65	-8.53	97.86	-11.4619	-4.0529	-0.7699
743	SLV 13	-18.08	6.07	105.19	-11.7501	-5.0983	-1.9448
743	SLV 14	-18.33	6.82	105.52	-11.773	-5.1113	-1.92
743	SLV 15	-18.34	-0.68	103.97	-11.8216	-4.9035	-2.1114
743	SLV 16	-18.59	0.07	104.3	-11.8446	-4.9165	-2.0866
743	CRTFP Ux+	0	0	0	0	0	0
743	CRTFP Ux-	0	0	0	0	0	0
743	CRTFP Uy+	0	0	0	0	0	0
743	CRTFP Uy-	0	0	0	0	0	0
745	SLU 1	-0.5	0.54	35.12	-0.0551	-5.8662	0.1323
745	SLU 2	-0.49	0.64	35.14	-0.055	-5.8689	0.1573
745	SLU 3	-0.51	0.55	35.96	-0.0565	-6.0014	0.1363
745	SLU 4	-0.51	0.61	35.97	-0.0564	-6.003	0.1513



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
745	SLU 5	-0.5	0.65	35.66	-0.0559	-5.9516	0.1602
745	SLU 6	-0.52	0.56	36.48	-0.0573	-6.084	0.1392
745	SLU 7	-0.51	0.62	36.49	-0.0573	-6.0856	0.1542
745	SLU 8	-0.52	0.56	36.15	-0.0568	-6.0315	0.1382
745	SLU 9	-0.51	0.62	36.16	-0.0568	-6.0331	0.1532
745	SLU 10	-0.5	0.75	39.2	-0.0619	-6.5398	0.1862
745	SLU 11	-0.52	0.67	40.03	-0.0634	-6.6722	0.1652
745	SLU 12	-0.52	0.73	40.04	-0.0633	-6.6738	0.1802
745	SLU 13	-0.51	0.76	39.72	-0.0627	-6.6224	0.1891
745	SLU 14	-0.53	0.68	40.54	-0.0642	-6.7548	0.1681
745	SLU 15	-0.53	0.74	40.55	-0.0642	-6.7565	0.1831
745	SLU 16	-0.53	0.67	40.22	-0.0637	-6.7023	0.167
745	SLU 17	-0.52	0.73	40.23	-0.0636	-6.7039	0.182
745	SLU 18	-0.52	0.7	40.93	-0.0649	-6.8246	0.1735
745	SLU 19	-0.51	0.76	40.94	-0.0649	-6.8262	0.1885
745	SLU 20	-0.53	0.71	41.44	-0.0658	-6.9072	0.1765
745	SLU 21	-0.52	0.77	41.46	-0.0657	-6.9088	0.1915
745	SLU 22	-0.53	0.64	39.23	-0.0618	-6.539	0.1587
745	SLU 23	-0.52	0.74	39.25	-0.0617	-6.5417	0.1837
745	SLU 24	-0.55	0.66	40.07	-0.0632	-6.6741	0.1627
745	SLU 25	-0.54	0.72	40.08	-0.0632	-6.6757	0.1777
745	SLU 26	-0.53	0.75	39.76	-0.0626	-6.6243	0.1866
745	SLU 27	-0.55	0.67	40.58	-0.0641	-6.7567	0.1656
745	SLU 28	-0.55	0.73	40.6	-0.064	-6.7583	0.1806
745	SLU 29	-0.55	0.67	40.26	-0.0636	-6.7042	0.1645
745	SLU 30	-0.55	0.73	40.27	-0.0635	-6.7058	0.1795
745	SLU 31	-0.54	0.86	43.31	-0.0686	-7.2125	0.2126
745	SLU 32	-0.56	0.77	44.13	-0.0701	-7.3449	0.1916
745	SLU 33	-0.55	0.83	44.14	-0.0701	-7.3466	0.2066
745	SLU 34	-0.55	0.87	43.83	-0.0695	-7.2951	0.2155
745	SLU 35	-0.57	0.78	44.65	-0.071	-7.4276	0.1945
745	SLU 36	-0.56	0.84	44.66	-0.0709	-7.4292	0.2095
745	SLU 37	-0.56	0.78	44.32	-0.0704	-7.375	0.1934
745	SLU 38	-0.56	0.84	44.34	-0.0704	-7.3767	0.2084
745	SLU 39	-0.55	0.81	45.03	-0.0717	-7.4973	0.1999
745	SLU 40	-0.55	0.87	45.05	-0.0716	-7.4989	0.2149
745	SLU 41	-0.56	0.82	45.55	-0.0725	-7.5799	0.2029
745	SLU 42	-0.55	0.88	45.56	-0.0725	-7.5815	0.2179
745	SLU 43	-0.64	0.66	44.25	-0.0693	-7.3955	0.1629
745	SLU 44	-0.63	0.76	44.27	-0.0692	-7.3982	0.1879
745	SLU 45	-0.65	0.68	45.09	-0.0707	-7.5306	0.1669
745	SLU 46	-0.64	0.74	45.1	-0.0706	-7.5322	0.1819
745	SLU 47	-0.64	0.77	44.78	-0.0701	-7.4808	0.1909
745	SLU 48	-0.66	0.69	45.61	-0.0715	-7.6132	0.1699
745	SLU 49	-0.65	0.75	45.62	-0.0715	-7.6148	0.1849
745	SLU 50	-0.65	0.68	45.28	-0.071	-7.5607	0.1688
745	SLU 51	-0.65	0.74	45.29	-0.071	-7.5623	0.1838
745	SLU 52	-0.64	0.88	48.33	-0.0761	-8.069	0.2168
745	SLU 53	-0.66	0.79	49.16	-0.0776	-8.2014	0.1958
745	SLU 54	-0.66	0.85	49.17	-0.0775	-8.2031	0.2108
745	SLU 55	-0.65	0.89	48.85	-0.0769	-8.1516	0.2197
745	SLU 56	-0.67	0.8	49.67	-0.0784	-8.2841	0.1988
745	SLU 57	-0.67	0.86	49.68	-0.0784	-8.2857	0.2138
745	SLU 58	-0.67	0.8	49.35	-0.0779	-8.2315	0.1977
745	SLU 59	-0.66	0.86	49.36	-0.0778	-8.2332	0.2127
745	SLU 60	-0.65	0.82	50.06	-0.0791	-8.3538	0.2042
745	SLU 61	-0.65	0.88	50.07	-0.0791	-8.3554	0.2192
745	SLU 62	-0.66	0.84	50.57	-0.08	-8.4364	0.2071
745	SLU 63	-0.66	0.9	50.58	-0.0799	-8.438	0.2221
745	SLU 64	-0.67	0.77	48.36	-0.076	-8.0682	0.1893
745	SLU 65	-0.66	0.87	48.37	-0.0759	-8.0709	0.2143
745	SLU 66	-0.68	0.78	49.2	-0.0774	-8.2033	0.1933
745	SLU 67	-0.68	0.84	49.21	-0.0774	-8.205	0.2083
745	SLU 68	-0.67	0.88	48.89	-0.0768	-8.1535	0.2173
745	SLU 69	-0.69	0.79	49.71	-0.0783	-8.2859	0.1963
745	SLU 70	-0.69	0.85	49.72	-0.0782	-8.2876	0.2113
745	SLU 71	-0.69	0.79	49.39	-0.0778	-8.2334	0.1952
745	SLU 72	-0.68	0.85	49.4	-0.0777	-8.235	0.2102
745	SLU 73	-0.68	0.98	52.44	-0.0828	-8.7417	0.2432
745	SLU 74	-0.7	0.9	53.26	-0.0843	-8.8742	0.2222
745	SLU 75	-0.69	0.96	53.27	-0.0843	-8.8758	0.2372
745	SLU 76	-0.68	0.99	52.96	-0.0837	-8.8243	0.2461
745	SLU 77	-0.7	0.91	53.78	-0.0852	-8.9568	0.2251
745	SLU 78	-0.7	0.97	53.79	-0.0851	-8.9584	0.2401
745	SLU 79	-0.7	0.9	53.45	-0.0846	-8.9042	0.2241
745	SLU 80	-0.7	0.96	53.46	-0.0846	-8.9059	0.2391
745	SLU 81	-0.69	0.93	54.16	-0.0859	-9.0265	0.2306
745	SLU 82	-0.68	0.99	54.17	-0.0858	-9.0282	0.2456
745	SLU 83	-0.7	0.94	54.68	-0.0867	-9.1091	0.2335
745	SLU 84	-0.69	1	54.69	-0.0867	-9.1108	0.2485
745	SLE RA 1	-0.51	0.57	36.3	-0.057	-6.0584	0.1398
745	SLE RA 2	-0.5	0.63	36.31	-0.0569	-6.0603	0.1565
745	SLE RA 3	-0.52	0.58	36.86	-0.0579	-6.1485	0.1425
745	SLE RA 4	-0.51	0.62	36.86	-0.0579	-6.1496	0.1525
745	SLE RA 5	-0.51	0.64	36.65	-0.0575	-6.1153	0.1585
745	SLE RA 6	-0.52	0.58	37.2	-0.0585	-6.2036	0.1445
745	SLE RA 7	-0.52	0.62	37.21	-0.0585	-6.2047	0.1545
745	SLE RA 8	-0.52	0.58	36.98	-0.0582	-6.1686	0.1437
745	SLE RA 9	-0.52	0.62	36.99	-0.0581	-6.1697	0.1537



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
745	SLE RA 10	-0.51	0.71	39.02	-0.0615	-6.5075	0.1757
745	SLE RA 11	-0.53	0.65	39.57	-0.0625	-6.5958	0.1618
745	SLE RA 12	-0.52	0.69	39.57	-0.0625	-6.5968	0.1718
745	SLE RA 13	-0.52	0.72	39.36	-0.0621	-6.5626	0.1777
745	SLE RA 14	-0.53	0.66	39.91	-0.0631	-6.6508	0.1637
745	SLE RA 15	-0.53	0.7	39.92	-0.0631	-6.6519	0.1737
745	SLE RA 16	-0.53	0.66	39.69	-0.0627	-6.6158	0.163
745	SLE RA 17	-0.53	0.7	39.7	-0.0627	-6.6169	0.173
745	SLE RA 18	-0.52	0.68	40.17	-0.0636	-6.6973	0.1673
745	SLE RA 19	-0.52	0.72	40.17	-0.0635	-6.6984	0.1773
745	SLE RA 20	-0.53	0.68	40.51	-0.0641	-6.7524	0.1693
745	SLE RA 21	-0.52	0.72	40.52	-0.0641	-6.7535	0.1793
745	SLE FR 1	-0.51	0.57	36.3	-0.057	-6.0584	0.1398
745	SLE FR 2	-0.51	0.58	36.3	-0.057	-6.0588	0.1432
745	SLE FR 3	-0.51	0.57	36.43	-0.0572	-6.0805	0.1406
745	SLE FR 4	-0.51	0.61	37.46	-0.059	-6.2505	0.1514
745	SLE FR 5	-0.51	0.6	37.59	-0.0592	-6.2721	0.1489
745	SLE FR 6	-0.51	0.62	38.23	-0.0603	-6.3779	0.1536
745	SLE QP 1	-0.51	0.57	36.3	-0.057	-6.0584	0.1398
745	SLE QP 2	-0.51	0.6	37.46	-0.059	-6.2501	0.1481
745	SLD 1	2.02	1.27	47.4	-0.0781	-7.8434	0.3162
745	SLD 2	1.94	0.71	47.5	-0.0769	-7.8399	0.1782
745	SLD 3	1.92	-0.08	47.48	-0.0762	-7.8017	-0.0205
745	SLD 4	1.84	-0.63	47.58	-0.075	-7.7982	-0.1585
745	SLD 5	0.41	2.94	40.3	-0.0678	-6.792	0.7339
745	SLD 6	0.36	2.58	40.36	-0.067	-6.7897	0.643
745	SLD 7	0.08	-1.55	40.57	-0.0615	-6.653	-0.3884
745	SLD 8	0.03	-1.91	40.64	-0.0607	-6.6506	-0.4793
745	SLD 9	-1.05	3.11	34.28	-0.0572	-5.8496	0.7754
745	SLD 10	-1.11	2.75	34.34	-0.0564	-5.8472	0.6846
745	SLD 11	-1.38	-1.38	34.55	-0.051	-5.7106	-0.3469
745	SLD 12	-1.44	-1.74	34.61	-0.0501	-5.7082	-0.4377
745	SLD 13	-2.87	1.83	27.33	-0.043	-4.702	0.4546
745	SLD 14	-2.95	1.28	27.43	-0.0417	-4.6985	0.3167
745	SLD 15	-2.96	0.48	27.41	-0.0411	-4.6603	0.1179
745	SLD 16	-3.05	-0.07	27.51	-0.0398	-4.6568	-0.02
745	SLV 1	5.42	2.11	60.74	-0.1037	-9.9789	0.5276
745	SLV 2	5.22	0.82	60.97	-0.1008	-9.9706	0.2063
745	SLV 3	5.19	-0.94	60.93	-0.0994	-9.8837	-0.2351
745	SLV 4	5	-2.23	61.16	-0.0965	-9.8754	-0.5564
745	SLV 5	1.64	5.9	44.11	-0.0794	-7.5146	1.4745
745	SLV 6	1.52	5.07	44.26	-0.0775	-7.5092	1.2666
745	SLV 7	0.89	-4.27	44.75	-0.0651	-7.1972	-1.068
745	SLV 8	0.76	-5.1	44.9	-0.0633	-7.1918	-1.2758
745	SLV 9	-1.79	6.3	30.02	-0.0547	-5.3084	1.572
745	SLV 10	-1.92	5.46	30.17	-0.0528	-5.303	1.3641
745	SLV 11	-2.54	-3.87	30.65	-0.0404	-4.991	-0.9705
745	SLV 12	-2.67	-4.71	30.8	-0.0386	-4.9856	-1.1784
745	SLV 13	-6.02	3.43	13.75	-0.0214	-2.6248	0.8526
745	SLV 14	-6.22	2.14	13.99	-0.0185	-2.6166	0.5313
745	SLV 15	-6.25	0.38	13.94	-0.0171	-2.5296	0.0898
745	SLV 16	-6.44	-0.91	14.18	-0.0142	-2.5214	-0.2315
745	CRTFP Ux+	0	0	0	0	0	0
745	CRTFP Ux-	0	0	0	0	0	0
745	CRTFP Uy+	0	0	0	0	0	0
745	CRTFP Uy-	0	0	0	0	0	0
748	SLU 1	0.64	0.43	40.25	-0.0675	10.159	-0.15
748	SLU 2	0.63	0.54	40.27	-0.0675	10.1648	-0.1886
748	SLU 3	0.66	0.44	41.21	-0.0693	10.392	-0.1517
748	SLU 4	0.66	0.51	41.22	-0.0693	10.3955	-0.1749
748	SLU 5	0.65	0.54	40.86	-0.0686	10.3088	-0.1883
748	SLU 6	0.67	0.44	41.81	-0.0704	10.536	-0.1513
748	SLU 7	0.67	0.5	41.82	-0.0704	10.5394	-0.1746
748	SLU 8	0.67	0.43	41.44	-0.0698	10.4469	-0.1492
748	SLU 9	0.66	0.5	41.45	-0.0697	10.4504	-0.1724
748	SLU 10	0.67	0.67	44.91	-0.0761	11.3189	-0.232
748	SLU 11	0.69	0.56	45.86	-0.0779	11.5461	-0.195
748	SLU 12	0.69	0.63	45.87	-0.0778	11.5496	-0.2182
748	SLU 13	0.68	0.67	45.51	-0.0772	11.4629	-0.2316
748	SLU 14	0.71	0.56	46.45	-0.079	11.6901	-0.1947
748	SLU 15	0.7	0.63	46.46	-0.0789	11.6935	-0.2179
748	SLU 16	0.7	0.56	46.08	-0.0783	11.601	-0.1925
748	SLU 17	0.69	0.62	46.09	-0.0783	11.6045	-0.2158
748	SLU 18	0.69	0.61	46.89	-0.0798	11.8077	-0.2118
748	SLU 19	0.68	0.68	46.9	-0.0797	11.8112	-0.235
748	SLU 20	0.7	0.61	47.48	-0.0809	11.9517	-0.2115
748	SLU 21	0.69	0.68	47.49	-0.0809	11.9552	-0.2347
748	SLU 22	0.69	0.54	44.9	-0.0759	11.3083	-0.1874
748	SLU 23	0.68	0.65	44.92	-0.0759	11.3141	-0.2261
748	SLU 24	0.71	0.55	45.86	-0.0777	11.5413	-0.1892
748	SLU 25	0.71	0.61	45.87	-0.0777	11.5448	-0.2124
748	SLU 26	0.7	0.65	45.51	-0.077	11.4581	-0.2257
748	SLU 27	0.72	0.55	46.46	-0.0788	11.6852	-0.1888
748	SLU 28	0.72	0.61	46.47	-0.0788	11.6887	-0.212
748	SLU 29	0.72	0.54	46.09	-0.0782	11.5962	-0.1867
748	SLU 30	0.71	0.61	46.1	-0.0781	11.5997	-0.2099
748	SLU 31	0.72	0.78	49.56	-0.0845	12.4682	-0.2694
748	SLU 32	0.74	0.67	50.51	-0.0863	12.6954	-0.2325
748	SLU 33	0.74	0.74	50.52	-0.0862	12.6989	-0.2557



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
748	SLU 34	0.73	0.78	50.16	-0.0856	12.6122	-0.2691
748	SLU 35	0.76	0.67	51.1	-0.0874	12.8393	-0.2321
748	SLU 36	0.75	0.74	51.11	-0.0874	12.8428	-0.2553
748	SLU 37	0.75	0.66	50.73	-0.0867	12.7503	-0.23
748	SLU 38	0.74	0.73	50.74	-0.0867	12.7538	-0.2532
748	SLU 39	0.74	0.72	51.54	-0.0882	12.957	-0.2493
748	SLU 40	0.73	0.79	51.55	-0.0882	12.9605	-0.2725
748	SLU 41	0.75	0.72	52.13	-0.0893	13.101	-0.2489
748	SLU 42	0.74	0.78	52.14	-0.0893	13.1045	-0.2721
748	SLU 43	0.82	0.53	50.74	-0.0849	12.8127	-0.1821
748	SLU 44	0.81	0.64	50.75	-0.0849	12.8185	-0.2208
748	SLU 45	0.84	0.53	51.7	-0.0867	13.0457	-0.1839
748	SLU 46	0.83	0.6	51.71	-0.0867	13.0492	-0.2071
748	SLU 47	0.82	0.64	51.35	-0.086	12.9624	-0.2204
748	SLU 48	0.85	0.53	52.29	-0.0878	13.1896	-0.1835
748	SLU 49	0.84	0.6	52.3	-0.0878	13.1931	-0.2067
748	SLU 50	0.84	0.53	51.92	-0.0871	13.1006	-0.1814
748	SLU 51	0.84	0.59	51.93	-0.0871	13.1041	-0.2046
748	SLU 52	0.84	0.76	55.39	-0.0934	13.9726	-0.2641
748	SLU 53	0.87	0.66	56.34	-0.0953	14.1998	-0.2272
748	SLU 54	0.86	0.72	56.35	-0.0952	14.2033	-0.2504
748	SLU 55	0.85	0.76	55.99	-0.0945	14.1165	-0.2637
748	SLU 56	0.88	0.66	56.93	-0.0964	14.3437	-0.2268
748	SLU 57	0.88	0.72	56.94	-0.0963	14.3472	-0.25
748	SLU 58	0.87	0.65	56.56	-0.0957	14.2547	-0.2247
748	SLU 59	0.87	0.72	56.57	-0.0957	14.2582	-0.2479
748	SLU 60	0.86	0.71	57.37	-0.0972	14.4614	-0.244
748	SLU 61	0.86	0.77	57.38	-0.0971	14.4649	-0.2672
748	SLU 62	0.88	0.7	57.96	-0.0983	14.6053	-0.2436
748	SLU 63	0.87	0.77	57.97	-0.0982	14.6088	-0.2668
748	SLU 64	0.87	0.64	55.39	-0.0933	13.962	-0.2196
748	SLU 65	0.86	0.75	55.4	-0.0933	13.9678	-0.2583
748	SLU 66	0.89	0.64	56.35	-0.0951	14.195	-0.2213
748	SLU 67	0.88	0.71	56.36	-0.0951	14.1985	-0.2445
748	SLU 68	0.87	0.74	56	-0.0944	14.1117	-0.2579
748	SLU 69	0.9	0.64	56.94	-0.0962	14.3389	-0.221
748	SLU 70	0.89	0.71	56.95	-0.0962	14.3424	-0.2442
748	SLU 71	0.89	0.63	56.57	-0.0955	14.2499	-0.2188
748	SLU 72	0.89	0.7	56.58	-0.0955	14.2534	-0.2421
748	SLU 73	0.89	0.87	60.04	-0.1018	15.1219	-0.3016
748	SLU 74	0.92	0.76	60.99	-0.1037	15.3491	-0.2646
748	SLU 75	0.91	0.83	61	-0.1036	15.3526	-0.2878
748	SLU 76	0.9	0.87	60.64	-0.1029	15.2658	-0.3012
748	SLU 77	0.93	0.76	61.58	-0.1048	15.493	-0.2643
748	SLU 78	0.93	0.83	61.59	-0.1047	15.4965	-0.2875
748	SLU 79	0.93	0.76	61.21	-0.1041	15.404	-0.2622
748	SLU 80	0.92	0.82	61.22	-0.1041	15.4075	-0.2854
748	SLU 81	0.91	0.81	62.02	-0.1056	15.6107	-0.2814
748	SLU 82	0.91	0.88	62.03	-0.1055	15.6142	-0.3047
748	SLU 83	0.93	0.81	62.61	-0.1067	15.7546	-0.2811
748	SLU 84	0.92	0.88	62.62	-0.1066	15.7581	-0.3043
748	SLE RA 1	0.66	0.46	41.58	-0.0699	10.4874	-0.1607
748	SLE RA 2	0.65	0.54	41.59	-0.0699	10.4913	-0.1865
748	SLE RA 3	0.67	0.47	42.22	-0.0711	10.6427	-0.1618
748	SLE RA 4	0.67	0.51	42.23	-0.0711	10.645	-0.1773
748	SLE RA 5	0.66	0.54	41.99	-0.0706	10.5872	-0.1862
748	SLE RA 6	0.68	0.47	42.62	-0.0719	10.7387	-0.1616
748	SLE RA 7	0.67	0.51	42.62	-0.0718	10.741	-0.1771
748	SLE RA 8	0.67	0.46	42.37	-0.0714	10.6793	-0.1602
748	SLE RA 9	0.67	0.51	42.38	-0.0714	10.6816	-0.1757
748	SLE RA 10	0.67	0.62	44.69	-0.0756	11.2607	-0.2153
748	SLE RA 11	0.69	0.55	45.32	-0.0768	11.4121	-0.1907
748	SLE RA 12	0.69	0.6	45.32	-0.0768	11.4144	-0.2062
748	SLE RA 13	0.68	0.62	45.08	-0.0764	11.3566	-0.2151
748	SLE RA 14	0.7	0.55	45.71	-0.0776	11.5081	-0.1905
748	SLE RA 15	0.7	0.59	45.72	-0.0775	11.5104	-0.2059
748	SLE RA 16	0.69	0.55	45.47	-0.0771	11.4487	-0.1891
748	SLE RA 17	0.69	0.59	45.47	-0.0771	11.451	-0.2045
748	SLE RA 18	0.69	0.58	46	-0.0781	11.5865	-0.2019
748	SLE RA 19	0.68	0.63	46.01	-0.0781	11.5889	-0.2174
748	SLE RA 20	0.7	0.58	46.4	-0.0788	11.6825	-0.2017
748	SLE RA 21	0.69	0.63	46.41	-0.0788	11.6848	-0.2171
748	SLE FR 1	0.66	0.46	41.58	-0.0699	10.4874	-0.1607
748	SLE FR 2	0.66	0.48	41.58	-0.0699	10.4882	-0.1658
748	SLE FR 3	0.66	0.46	41.74	-0.0702	10.5258	-0.1606
748	SLE FR 4	0.67	0.52	42.91	-0.0724	10.8179	-0.1782
748	SLE FR 5	0.67	0.5	43.07	-0.0727	10.8555	-0.1729
748	SLE FR 6	0.67	0.52	43.79	-0.074	11.037	-0.1813
748	SLE QP 1	0.66	0.46	41.58	-0.0699	10.4874	-0.1607
748	SLE QP 2	0.67	0.5	42.91	-0.0724	10.8171	-0.173
748	SLD 1	3.14	1.11	31.6	-0.0511	8.1956	-0.3872
748	SLD 2	3.04	1.77	31.52	-0.0525	8.2015	-0.6169
748	SLD 3	3.28	-0.38	31.74	-0.0492	8.1542	0.1327
748	SLD 4	3.18	0.28	31.66	-0.0506	8.1601	-0.0969
748	SLD 5	1.22	2.82	39.31	-0.0687	10.0924	-0.9846
748	SLD 6	1.15	3.26	39.26	-0.0697	10.0963	-1.1359
748	SLD 7	1.68	-2.14	39.79	-0.0622	9.9544	0.7484
748	SLD 8	1.61	-1.71	39.74	-0.0631	9.9583	0.5971
748	SLD 9	-0.28	2.71	46.08	-0.0817	11.676	-0.9432



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
748	SLD 10	-0.35	3.14	46.03	-0.0826	11.6799	-1.0945
748	SLD 11	0.18	-2.26	46.56	-0.0751	11.538	0.7898
748	SLD 12	0.12	-1.82	46.5	-0.0761	11.5418	0.6385
748	SLD 13	-1.85	0.72	54.16	-0.0942	13.4741	-0.2491
748	SLD 14	-1.95	1.38	54.07	-0.0956	13.48	-0.4788
748	SLD 15	-1.71	-0.77	54.3	-0.0923	13.4327	0.2708
748	SLD 16	-1.81	-0.11	54.22	-0.0937	13.4386	0.0411
748	SLV 1	6.46	1.88	16.44	-0.0225	4.6796	-0.6565
748	SLV 2	6.23	3.41	16.25	-0.0258	4.6934	-1.1914
748	SLV 3	6.78	-1.5	16.77	-0.0181	4.5848	0.5221
748	SLV 4	6.54	0.04	16.58	-0.0213	4.5985	-0.0128
748	SLV 5	1.97	5.77	34.5	-0.0636	9.1173	-2.0128
748	SLV 6	1.82	6.76	34.38	-0.0657	9.1263	-2.3589
748	SLV 7	3.02	-5.49	35.6	-0.0488	8.8012	1.9158
748	SLV 8	2.87	-4.49	35.48	-0.0509	8.8101	1.5697
748	SLV 9	-1.54	5.5	50.34	-0.0939	12.8242	-1.9158
748	SLV 10	-1.68	6.49	50.21	-0.096	12.8331	-2.2619
748	SLV 11	-0.48	-5.76	51.44	-0.0791	12.508	2.0128
748	SLV 12	-0.63	-4.77	51.32	-0.0812	12.5169	1.6667
748	SLV 13	-5.21	0.96	69.24	-0.1235	17.0357	-0.3333
748	SLV 14	-5.44	2.5	69.04	-0.1267	17.0495	-0.8682
748	SLV 15	-4.89	-2.41	69.57	-0.119	16.9409	0.8453
748	SLV 16	-5.12	-0.88	69.38	-0.1223	16.9546	0.3104
748	CRTFP Ux+	0	0	0	0	0	0
748	CRTFP Ux-	0	0	0	0	0	0
748	CRTFP Uy+	0	0	0	0	0	0
748	CRTFP Uy-	0	0	0	0	0	0
750	SLU 1	-1.63	-1.55	107.04	-15.1149	2.0635	-0.1957
750	SLU 2	-1.63	-1.39	107.13	-15.1278	2.0686	-0.199
750	SLU 3	-1.67	-1.58	109.63	-15.4792	2.1107	-0.2011
750	SLU 4	-1.67	-1.48	109.69	-15.4869	2.1138	-0.2031
750	SLU 5	-1.65	-1.41	108.68	-15.3458	2.0988	-0.2027
750	SLU 6	-1.7	-1.6	111.18	-15.6971	2.1408	-0.2048
750	SLU 7	-1.7	-1.5	111.24	-15.7049	2.1439	-0.2067
750	SLU 8	-1.68	-1.6	110.14	-15.5508	2.1237	-0.2031
750	SLU 9	-1.68	-1.5	110.19	-15.5586	2.1268	-0.205
750	SLU 10	-1.69	-1.43	120.65	-17.032	2.3112	-0.2057
750	SLU 11	-1.73	-1.61	123.15	-17.3834	2.3532	-0.2078
750	SLU 12	-1.73	-1.51	123.2	-17.3911	2.3563	-0.2098
750	SLU 13	-1.72	-1.45	122.2	-17.2499	2.3413	-0.2094
750	SLU 14	-1.76	-1.63	124.7	-17.6013	2.3834	-0.2115
750	SLU 15	-1.76	-1.53	124.75	-17.609	2.3865	-0.2134
750	SLU 16	-1.74	-1.63	123.65	-17.455	2.3663	-0.2098
750	SLU 17	-1.75	-1.53	123.71	-17.4627	2.3694	-0.2117
750	SLU 18	-1.72	-1.61	126.35	-17.8352	2.41	-0.2053
750	SLU 19	-1.72	-1.51	126.41	-17.8429	2.4131	-0.2072
750	SLU 20	-1.74	-1.63	127.9	-18.0531	2.4401	-0.2089
750	SLU 21	-1.75	-1.53	127.95	-18.0609	2.4432	-0.2109
750	SLU 22	-1.77	-1.54	120.26	-16.9732	2.3049	-0.2151
750	SLU 23	-1.77	-1.38	120.35	-16.986	2.3101	-0.2184
750	SLU 24	-1.81	-1.57	122.85	-17.3374	2.3521	-0.2205
750	SLU 25	-1.81	-1.47	122.9	-17.3452	2.3552	-0.2225
750	SLU 26	-1.79	-1.4	121.9	-17.204	2.3402	-0.2221
750	SLU 27	-1.84	-1.59	124.4	-17.5554	2.3822	-0.2242
750	SLU 28	-1.84	-1.49	124.45	-17.5631	2.3853	-0.2261
750	SLU 29	-1.82	-1.59	123.35	-17.4091	2.3652	-0.2225
750	SLU 30	-1.82	-1.49	123.41	-17.4168	2.3683	-0.2244
750	SLU 31	-1.83	-1.42	133.87	-18.8902	2.5527	-0.2251
750	SLU 32	-1.87	-1.6	136.36	-19.2416	2.5947	-0.2272
750	SLU 33	-1.87	-1.5	136.42	-19.2493	2.5978	-0.2291
750	SLU 34	-1.86	-1.44	135.41	-19.1082	2.5828	-0.2288
750	SLU 35	-1.9	-1.62	137.91	-19.4596	2.6248	-0.2308
750	SLU 36	-1.9	-1.52	137.97	-19.4673	2.6279	-0.2328
750	SLU 37	-1.88	-1.62	136.87	-19.3133	2.6077	-0.2291
750	SLU 38	-1.89	-1.52	136.93	-19.321	2.6109	-0.2311
750	SLU 39	-1.86	-1.6	139.57	-19.6934	2.6514	-0.2247
750	SLU 40	-1.86	-1.5	139.62	-19.7011	2.6545	-0.2266
750	SLU 41	-1.88	-1.62	141.11	-19.9114	2.6816	-0.2283
750	SLU 42	-1.88	-1.52	141.17	-19.9191	2.6847	-0.2303
750	SLU 43	-2.07	-2.02	134.62	-19.0123	2.5997	-0.2478
750	SLU 44	-2.07	-1.86	134.71	-19.0252	2.6049	-0.2511
750	SLU 45	-2.11	-2.04	137.21	-19.3766	2.6469	-0.2532
750	SLU 46	-2.11	-1.94	137.27	-19.3843	2.65	-0.2551
750	SLU 47	-2.09	-1.88	136.26	-19.2431	2.635	-0.2548
750	SLU 48	-2.14	-2.07	138.76	-19.5945	2.677	-0.2568
750	SLU 49	-2.14	-1.97	138.82	-19.6022	2.6802	-0.2588
750	SLU 50	-2.12	-2.07	137.72	-19.4482	2.66	-0.2551
750	SLU 51	-2.12	-1.97	137.77	-19.4559	2.6631	-0.2571
750	SLU 52	-2.13	-1.89	148.23	-20.9293	2.8475	-0.2578
750	SLU 53	-2.17	-2.08	150.73	-21.2807	2.8895	-0.2599
750	SLU 54	-2.17	-1.98	150.78	-21.2885	2.8926	-0.2618
750	SLU 55	-2.16	-1.92	149.78	-21.1473	2.8776	-0.2614
750	SLU 56	-2.2	-2.1	152.28	-21.4987	2.9196	-0.2635
750	SLU 57	-2.2	-2	152.33	-21.5064	2.9227	-0.2655
750	SLU 58	-2.18	-2.1	151.24	-21.3524	2.9026	-0.2618
750	SLU 59	-2.19	-2	151.29	-21.3601	2.9057	-0.2638
750	SLU 60	-2.16	-2.08	153.93	-21.7325	2.9462	-0.2573
750	SLU 61	-2.16	-1.98	153.99	-21.7403	2.9494	-0.2593
750	SLU 62	-2.18	-2.1	155.48	-21.9505	2.9764	-0.261



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
750	SLU 63	-2.18	-2	155.54	-21.9582	2.9795	-0.263
750	SLU 64	-2.2	-2.01	147.84	-20.8705	2.8412	-0.2672
750	SLU 65	-2.21	-1.85	147.93	-20.8834	2.8463	-0.2705
750	SLU 66	-2.25	-2.03	150.43	-21.2348	2.8884	-0.2726
750	SLU 67	-2.25	-1.93	150.48	-21.2425	2.8915	-0.2745
750	SLU 68	-2.23	-1.87	149.48	-21.1014	2.8765	-0.2741
750	SLU 69	-2.28	-2.06	151.98	-21.4528	2.9185	-0.2762
750	SLU 70	-2.28	-1.96	152.03	-21.4605	2.9216	-0.2782
750	SLU 71	-2.26	-2.06	150.93	-21.3064	2.9014	-0.2745
750	SLU 72	-2.26	-1.96	150.99	-21.3142	2.9045	-0.2765
750	SLU 73	-2.27	-1.88	161.45	-22.7876	3.0889	-0.2772
750	SLU 74	-2.31	-2.07	163.94	-23.139	3.1309	-0.2792
750	SLU 75	-2.31	-1.97	164	-23.1467	3.134	-0.2812
750	SLU 76	-2.3	-1.91	163	-23.0055	3.119	-0.2808
750	SLU 77	-2.34	-2.09	165.49	-23.3569	3.1611	-0.2829
750	SLU 78	-2.34	-1.99	165.55	-23.3647	3.1642	-0.2849
750	SLU 79	-2.32	-2.09	164.45	-23.2106	3.144	-0.2812
750	SLU 80	-2.33	-1.99	164.51	-23.2183	3.1471	-0.2832
750	SLU 81	-2.3	-2.07	167.15	-23.5908	3.1877	-0.2767
750	SLU 82	-2.3	-1.97	167.2	-23.5985	3.1908	-0.2787
750	SLU 83	-2.32	-2.09	168.7	-23.8087	3.2178	-0.2804
750	SLU 84	-2.32	-1.99	168.75	-23.8165	3.2209	-0.2824
750	SLE RA 1	-1.67	-1.55	110.82	-15.6459	2.1324	-0.2013
750	SLE RA 2	-1.67	-1.44	110.88	-15.6544	2.1359	-0.2035
750	SLE RA 3	-1.69	-1.57	112.54	-15.8887	2.1639	-0.2048
750	SLE RA 4	-1.69	-1.5	112.58	-15.8938	2.166	-0.2062
750	SLE RA 5	-1.69	-1.45	111.91	-15.7997	2.156	-0.2059
750	SLE RA 6	-1.71	-1.58	113.58	-16.034	2.184	-0.2073
750	SLE RA 7	-1.71	-1.51	113.61	-16.0391	2.1861	-0.2086
750	SLE RA 8	-1.7	-1.58	112.88	-15.9365	2.1726	-0.2062
750	SLE RA 9	-1.7	-1.51	112.92	-15.9416	2.1747	-0.2075
750	SLE RA 10	-1.71	-1.47	119.89	-16.9239	2.2976	-0.2079
750	SLE RA 11	-1.74	-1.59	121.55	-17.1581	2.3256	-0.2093
750	SLE RA 12	-1.74	-1.52	121.59	-17.1633	2.3277	-0.2106
750	SLE RA 13	-1.73	-1.48	120.92	-17.0692	2.3177	-0.2104
750	SLE RA 14	-1.75	-1.6	122.59	-17.3034	2.3457	-0.2118
750	SLE RA 15	-1.76	-1.54	122.62	-17.3086	2.3478	-0.2131
750	SLE RA 16	-1.75	-1.6	121.89	-17.2059	2.3343	-0.2106
750	SLE RA 17	-1.75	-1.54	121.93	-17.2111	2.3364	-0.2119
750	SLE RA 18	-1.73	-1.59	123.69	-17.4594	2.3635	-0.2076
750	SLE RA 19	-1.73	-1.52	123.73	-17.4645	2.3655	-0.2089
750	SLE RA 20	-1.74	-1.6	124.72	-17.6047	2.3835	-0.2101
750	SLE RA 21	-1.75	-1.53	124.76	-17.6098	2.3856	-0.2114
750	SLE FR 1	-1.67	-1.55	110.82	-15.6459	2.1324	-0.2013
750	SLE FR 2	-1.67	-1.53	110.83	-15.6476	2.1331	-0.2017
750	SLE FR 3	-1.67	-1.56	111.23	-15.704	2.1405	-0.2022
750	SLE FR 4	-1.68	-1.54	114.69	-16.1916	2.2024	-0.2036
750	SLE FR 5	-1.69	-1.57	115.09	-16.248	2.2098	-0.2042
750	SLE FR 6	-1.7	-1.57	117.25	-16.5526	2.2479	-0.2045
750	SLE QP 1	-1.67	-1.55	110.82	-15.6459	2.1324	-0.2013
750	SLE QP 2	-1.68	-1.56	114.68	-16.1899	2.2017	-0.2032
750	SLD 1	7.21	-1.09	124.03	-17.5829	2.4613	1.0363
750	SLD 2	7.04	-1.87	124.49	-17.6321	2.4773	1.0508
750	SLD 3	7.1	-3.98	124.26	-17.625	2.3577	1.099
750	SLD 4	6.93	-4.76	124.72	-17.6742	2.3738	1.1136
750	SLD 5	1.18	3.11	117.05	-16.5352	2.4337	0.0708
750	SLD 6	1.07	2.59	117.35	-16.5676	2.4443	0.0804
750	SLD 7	0.82	-6.54	117.82	-16.6754	2.0887	0.2801
750	SLD 8	0.71	-7.05	118.13	-16.7078	2.0992	0.2897
750	SLD 9	-4.07	3.93	111.23	-15.672	2.3043	-0.6961
750	SLD 10	-4.19	3.41	111.53	-15.7044	2.3148	-0.6865
750	SLD 11	-4.43	-5.72	112.01	-15.8122	1.9592	-0.4868
750	SLD 12	-4.55	-6.23	112.31	-15.8446	1.9698	-0.4772
750	SLD 13	-10.3	1.64	104.63	-14.7057	2.0297	-1.52
750	SLD 14	-10.47	0.86	105.09	-14.7548	2.0457	-1.5054
750	SLD 15	-10.41	-1.25	104.87	-14.7477	1.9262	-1.4572
750	SLD 16	-10.58	-2.03	105.33	-14.7969	1.9422	-1.4426
750	SLV 1	19.12	-0.57	136.57	-19.4517	2.8053	2.6985
750	SLV 2	18.72	-2.39	137.65	-19.5661	2.8427	2.7325
750	SLV 3	18.87	-7.12	137.12	-19.5501	2.57	2.8413
750	SLV 4	18.48	-8.94	138.19	-19.6645	2.6074	2.8753
750	SLV 5	5	9	120.23	-16.9993	2.7333	0.4449
750	SLV 6	4.75	7.82	120.92	-17.0734	2.7574	0.4668
750	SLV 7	4.18	-12.86	122.06	-17.3273	1.9488	0.9209
750	SLV 8	3.92	-14.04	122.75	-17.4014	1.973	0.9428
750	SLV 9	-7.29	10.91	106.61	-14.9784	2.4305	-1.3492
750	SLV 10	-7.54	9.73	107.3	-15.0525	2.4547	-1.3272
750	SLV 11	-8.11	-10.94	108.43	-15.3064	1.646	-0.8732
750	SLV 12	-8.37	-12.12	109.13	-15.3805	1.6702	-0.8512
750	SLV 13	-21.84	5.82	91.16	-12.7153	1.7961	-3.2817
750	SLV 14	-22.24	4	92.23	-12.8297	1.8335	-3.2477
750	SLV 15	-22.09	-0.74	91.71	-12.8137	1.5608	-3.1389
750	SLV 16	-22.49	-2.56	92.78	-12.9281	1.5982	-3.1049
750	CRTFP Ux+	0	0	0	0	0	0
750	CRTFP Ux-	0	0	0	0	0	0
750	CRTFP Uy+	0	0	0	0	0	0
750	CRTFP Uy-	0	0	0	0	0	0
753	SLU 1	1.59	0.02	91.56	-8.8914	0.0235	0.1339
753	SLU 2	1.58	0.16	91.65	-8.9002	0.021	0.1326



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
753	SLU 3	1.63	0.02	93.71	-9.1002	0.0275	0.1375
753	SLU 4	1.63	0.11	93.77	-9.1054	0.026	0.1367
753	SLU 5	1.61	0.16	92.97	-9.0281	0.0225	0.1347
753	SLU 6	1.66	0.01	95.03	-9.228	0.0289	0.1396
753	SLU 7	1.65	0.1	95.08	-9.2333	0.0274	0.1388
753	SLU 8	1.64	0	94.19	-9.1472	0.0264	0.1382
753	SLU 9	1.64	0.09	94.25	-9.1524	0.0249	0.1374
753	SLU 10	1.67	0.29	102.94	-9.9951	0.0381	0.1402
753	SLU 11	1.72	0.14	105	-10.1951	0.0445	0.1451
753	SLU 12	1.72	0.23	105.05	-10.2004	0.043	0.1443
753	SLU 13	1.7	0.28	104.26	-10.123	0.0395	0.1423
753	SLU 14	1.75	0.13	106.31	-10.323	0.0459	0.1472
753	SLU 15	1.74	0.22	106.37	-10.3282	0.0444	0.1464
753	SLU 16	1.74	0.12	105.48	-10.2421	0.0434	0.1458
753	SLU 17	1.73	0.21	105.53	-10.2474	0.0419	0.145
753	SLU 18	1.72	0.19	107.68	-10.4556	0.0479	0.1447
753	SLU 19	1.71	0.28	107.74	-10.4609	0.0464	0.1439
753	SLU 20	1.75	0.18	109	-10.5835	0.0493	0.1469
753	SLU 21	1.74	0.27	109.06	-10.5888	0.0478	0.1461
753	SLU 22	1.73	0.18	102.66	-9.9666	0.0374	0.1461
753	SLU 23	1.72	0.33	102.76	-9.9754	0.0349	0.1447
753	SLU 24	1.77	0.18	104.81	-10.1754	0.0413	0.1496
753	SLU 25	1.76	0.27	104.87	-10.1806	0.0398	0.1488
753	SLU 26	1.74	0.32	104.07	-10.1033	0.0363	0.1469
753	SLU 27	1.8	0.17	106.13	-10.3032	0.0428	0.1518
753	SLU 28	1.79	0.26	106.19	-10.3085	0.0413	0.151
753	SLU 29	1.78	0.16	105.3	-10.2224	0.0403	0.1504
753	SLU 30	1.78	0.25	105.35	-10.2276	0.0388	0.1496
753	SLU 31	1.81	0.45	114.04	-11.0703	0.052	0.1523
753	SLU 32	1.86	0.3	116.1	-11.2703	0.0584	0.1572
753	SLU 33	1.85	0.39	116.16	-11.2756	0.0569	0.1564
753	SLU 34	1.83	0.44	115.36	-11.1982	0.0534	0.1544
753	SLU 35	1.89	0.29	117.42	-11.3982	0.0598	0.1593
753	SLU 36	1.88	0.38	117.47	-11.4034	0.0583	0.1585
753	SLU 37	1.87	0.28	116.58	-11.3173	0.0573	0.1579
753	SLU 38	1.87	0.37	116.64	-11.3226	0.0558	0.1571
753	SLU 39	1.86	0.35	118.79	-11.5308	0.0618	0.1569
753	SLU 40	1.85	0.44	118.84	-11.5361	0.0603	0.1561
753	SLU 41	1.88	0.34	120.1	-11.6587	0.0632	0.159
753	SLU 42	1.88	0.43	120.16	-11.6639	0.0617	0.1582
753	SLU 43	2.02	-0.03	115.22	-11.1902	0.0258	0.1699
753	SLU 44	2.01	0.11	115.31	-11.199	0.0233	0.1686
753	SLU 45	2.06	-0.03	117.37	-11.3989	0.0298	0.1735
753	SLU 46	2.06	0.06	117.43	-11.4042	0.0283	0.1727
753	SLU 47	2.04	0.1	116.63	-11.3268	0.0248	0.1707
753	SLU 48	2.09	-0.04	118.69	-11.5268	0.0312	0.1756
753	SLU 49	2.08	0.05	118.74	-11.5321	0.0297	0.1748
753	SLU 50	2.07	-0.05	117.85	-11.4459	0.0287	0.1742
753	SLU 51	2.07	0.04	117.91	-11.4512	0.0272	0.1734
753	SLU 52	2.1	0.23	126.6	-12.2939	0.0404	0.1762
753	SLU 53	2.15	0.09	128.66	-12.4939	0.0468	0.1811
753	SLU 54	2.15	0.18	128.71	-12.4991	0.0453	0.1803
753	SLU 55	2.13	0.23	127.92	-12.4218	0.0418	0.1783
753	SLU 56	2.18	0.08	129.97	-12.6218	0.0482	0.1832
753	SLU 57	2.17	0.17	130.03	-12.627	0.0467	0.1824
753	SLU 58	2.17	0.07	129.14	-12.5409	0.0457	0.1818
753	SLU 59	2.16	0.16	129.2	-12.5462	0.0442	0.181
753	SLU 60	2.15	0.14	131.34	-12.7544	0.0502	0.1808
753	SLU 61	2.14	0.23	131.4	-12.7597	0.0487	0.1799
753	SLU 62	2.18	0.13	132.66	-12.8823	0.0516	0.1829
753	SLU 63	2.17	0.22	132.72	-12.8875	0.0501	0.1821
753	SLU 64	2.16	0.13	126.32	-12.2654	0.0397	0.1821
753	SLU 65	2.15	0.28	126.42	-12.2742	0.0372	0.1807
753	SLU 66	2.2	0.13	128.47	-12.4741	0.0436	0.1856
753	SLU 67	2.19	0.22	128.53	-12.4794	0.0421	0.1848
753	SLU 68	2.17	0.27	127.73	-12.402	0.0386	0.1829
753	SLU 69	2.23	0.12	129.79	-12.602	0.0451	0.1878
753	SLU 70	2.22	0.21	129.85	-12.6073	0.0436	0.187
753	SLU 71	2.21	0.11	128.96	-12.5211	0.0426	0.1864
753	SLU 72	2.21	0.2	129.01	-12.5264	0.0411	0.1856
753	SLU 73	2.24	0.4	137.7	-13.3691	0.0543	0.1883
753	SLU 74	2.29	0.25	139.76	-13.5691	0.0607	0.1932
753	SLU 75	2.28	0.34	139.82	-13.5743	0.0592	0.1924
753	SLU 76	2.26	0.39	139.02	-13.497	0.0557	0.1905
753	SLU 77	2.32	0.24	141.08	-13.697	0.0621	0.1954
753	SLU 78	2.31	0.33	141.13	-13.7022	0.0606	0.1946
753	SLU 79	2.3	0.23	140.24	-13.6161	0.0596	0.1939
753	SLU 80	2.3	0.32	140.3	-13.6213	0.0581	0.1931
753	SLU 81	2.29	0.3	142.45	-13.8296	0.0641	0.1929
753	SLU 82	2.28	0.39	142.5	-13.8349	0.0626	0.1921
753	SLU 83	2.31	0.29	143.76	-13.9575	0.0655	0.195
753	SLU 84	2.31	0.38	143.82	-13.9627	0.064	0.1942
753	SLE RA 1	1.63	0.06	94.73	-9.1986	0.0275	0.1374
753	SLE RA 2	1.62	0.16	94.79	-9.2045	0.0258	0.1365
753	SLE RA 3	1.66	0.06	96.17	-9.3378	0.0301	0.1398
753	SLE RA 4	1.65	0.12	96.2	-9.3413	0.0291	0.1392
753	SLE RA 5	1.64	0.16	95.67	-9.2897	0.0268	0.1379
753	SLE RA 6	1.68	0.06	97.04	-9.423	0.0311	0.1412
753	SLE RA 7	1.67	0.12	97.08	-9.4265	0.0301	0.1407



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
753	SLE RA 8	1.67	0.05	96.49	-9.3691	0.0294	0.1403
753	SLE RA 9	1.66	0.11	96.52	-9.3726	0.0284	0.1397
753	SLE RA 10	1.68	0.24	102.32	-9.9344	0.0372	0.1415
753	SLE RA 11	1.72	0.15	103.69	-10.0677	0.0415	0.1448
753	SLE RA 12	1.71	0.2	103.73	-10.0712	0.0405	0.1443
753	SLE RA 13	1.7	0.24	103.2	-10.0197	0.0382	0.143
753	SLE RA 14	1.74	0.14	104.57	-10.153	0.0424	0.1462
753	SLE RA 15	1.73	0.2	104.6	-10.1565	0.0414	0.1457
753	SLE RA 16	1.73	0.13	104.01	-10.0991	0.0408	0.1453
753	SLE RA 17	1.72	0.19	104.05	-10.1026	0.0398	0.1448
753	SLE RA 18	1.72	0.18	105.48	-10.2414	0.0437	0.1446
753	SLE RA 19	1.71	0.24	105.52	-10.2449	0.0427	0.1441
753	SLE RA 20	1.73	0.17	106.36	-10.3267	0.0447	0.146
753	SLE RA 21	1.73	0.23	106.4	-10.3302	0.0437	0.1455
753	SLE FR 1	1.63	0.06	94.73	-9.1986	0.0275	0.1374
753	SLE FR 2	1.63	0.08	94.74	-9.1998	0.0272	0.1372
753	SLE FR 3	1.64	0.06	95.08	-9.2327	0.0279	0.138
753	SLE FR 4	1.65	0.12	97.97	-9.5126	0.032	0.1394
753	SLE FR 5	1.66	0.1	98.31	-9.5455	0.0328	0.1401
753	SLE FR 6	1.67	0.12	100.11	-9.72	0.0356	0.141
753	SLE QP 1	1.63	0.06	94.73	-9.1986	0.0275	0.1374
753	SLE QP 2	1.66	0.1	97.96	-9.5114	0.0324	0.1396
753	SLD 1	9.07	1.46	90.63	-8.792	0.096	0.8479
753	SLD 2	8.9	2.2	90.43	-8.778	0.1022	0.8487
753	SLD 3	9.13	-1.09	90.26	-8.761	0.1609	0.8532
753	SLD 4	8.95	-0.36	90.05	-8.747	0.1671	0.854
753	SLD 5	3.84	4.25	96.36	-9.3451	-0.048	0.3439
753	SLD 6	3.72	4.74	96.23	-9.3359	-0.044	0.3444
753	SLD 7	4.01	-4.27	95.12	-9.2418	0.1682	0.3615
753	SLD 8	3.89	-3.79	94.98	-9.2326	0.1723	0.3621
753	SLD 9	-0.58	3.98	100.93	-9.7903	-0.1076	-0.0829
753	SLD 10	-0.69	4.46	100.8	-9.781	-0.1035	-0.0824
753	SLD 11	-0.41	-4.54	99.68	-9.687	0.1087	-0.0653
753	SLD 12	-0.52	-4.06	99.55	-9.6778	0.1128	-0.0648
753	SLD 13	-5.64	0.56	105.86	-10.2759	-0.1024	-0.5749
753	SLD 14	-5.81	1.29	105.66	-10.2619	-0.0962	-0.5741
753	SLD 15	-5.59	-2	105.49	-10.2449	-0.0375	-0.5696
753	SLD 16	-5.76	-1.27	105.28	-10.2309	-0.0313	-0.5688
753	SLV 1	19.01	3.2	80.79	-7.8261	0.1836	1.7968
753	SLV 2	18.6	4.91	80.31	-7.7933	0.1981	1.7987
753	SLV 3	19.13	-2.59	79.93	-7.755	0.3309	1.809
753	SLV 4	18.72	-0.89	79.45	-7.7223	0.3453	1.8109
753	SLV 5	6.75	9.52	94.19	-9.1193	-0.1481	0.6179
753	SLV 6	6.49	10.63	93.88	-9.0981	-0.1387	0.6191
753	SLV 7	7.15	-9.8	91.33	-8.8824	0.3427	0.6586
753	SLV 8	6.88	-8.69	91.02	-8.8613	0.3521	0.6598
753	SLV 9	-3.57	8.89	104.89	-10.1616	-0.2873	-0.3807
753	SLV 10	-3.84	9.99	104.58	-10.1405	-0.278	-0.3794
753	SLV 11	-3.18	-10.43	102.03	-9.9248	0.2035	-0.34
753	SLV 12	-3.44	-9.33	101.72	-9.9036	0.2128	-0.3388
753	SLV 13	-15.41	1.08	116.46	-11.3006	-0.2805	-1.5318
753	SLV 14	-15.82	2.79	115.98	-11.2679	-0.2661	-1.5299
753	SLV 15	-15.29	-4.71	115.6	-11.2295	-0.1333	-1.5196
753	SLV 16	-15.7	-3.01	115.13	-11.1968	-0.1189	-1.5177
753	CRTFP Ux+	0	0	0	0	0	0
753	CRTFP Ux-	0	0	0	0	0	0
753	CRTFP Uy+	0	0	0	0	0	0
753	CRTFP Uy-	0	0	0	0	0	0
755	SLU 1	-0.47	0.54	33.5	-0.0501	-4.727	0.1342
755	SLU 2	-0.46	0.64	33.52	-0.0501	-4.7296	0.159
755	SLU 3	-0.48	0.56	34.3	-0.0514	-4.8329	0.1382
755	SLU 4	-0.47	0.61	34.31	-0.0514	-4.8344	0.1531
755	SLU 5	-0.47	0.65	34.01	-0.0509	-4.7942	0.162
755	SLU 6	-0.49	0.57	34.79	-0.0522	-4.8975	0.1412
755	SLU 7	-0.48	0.63	34.8	-0.0522	-4.8991	0.1561
755	SLU 8	-0.48	0.56	34.48	-0.0517	-4.8563	0.1401
755	SLU 9	-0.48	0.62	34.49	-0.0517	-4.8579	0.155
755	SLU 10	-0.48	0.75	37.38	-0.0564	-5.2577	0.1881
755	SLU 11	-0.49	0.67	38.16	-0.0577	-5.361	0.1673
755	SLU 12	-0.49	0.73	38.17	-0.0577	-5.3625	0.1822
755	SLU 13	-0.48	0.77	37.87	-0.0572	-5.3223	0.1911
755	SLU 14	-0.5	0.68	38.65	-0.0585	-5.4256	0.1703
755	SLU 15	-0.5	0.74	38.66	-0.0585	-5.4272	0.1852
755	SLU 16	-0.5	0.68	38.34	-0.058	-5.3844	0.1692
755	SLU 17	-0.49	0.74	38.35	-0.058	-5.386	0.1841
755	SLU 18	-0.49	0.7	39.02	-0.0591	-5.4814	0.1758
755	SLU 19	-0.48	0.76	39.03	-0.0591	-5.483	0.1907
755	SLU 20	-0.5	0.72	39.51	-0.0599	-5.5461	0.1787
755	SLU 21	-0.49	0.78	39.52	-0.0599	-5.5476	0.1936
755	SLU 22	-0.5	0.65	37.41	-0.0563	-5.2566	0.1608
755	SLU 23	-0.49	0.74	37.43	-0.0563	-5.2591	0.1856
755	SLU 24	-0.51	0.66	38.21	-0.0576	-5.3624	0.1648
755	SLU 25	-0.51	0.72	38.22	-0.0576	-5.364	0.1797
755	SLU 26	-0.5	0.76	37.92	-0.057	-5.3238	0.1886
755	SLU 27	-0.52	0.67	38.7	-0.0584	-5.4271	0.1678
755	SLU 28	-0.51	0.73	38.71	-0.0583	-5.4286	0.1827
755	SLU 29	-0.52	0.67	38.39	-0.0579	-5.3859	0.1667
755	SLU 30	-0.51	0.73	38.4	-0.0579	-5.3874	0.1816
755	SLU 31	-0.51	0.86	41.29	-0.0625	-5.7872	0.2147



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
755	SLU 32	-0.53	0.78	42.07	-0.0639	-5.8905	0.1939
755	SLU 33	-0.52	0.84	42.08	-0.0638	-5.892	0.2088
755	SLU 34	-0.52	0.87	41.78	-0.0633	-5.8519	0.2177
755	SLU 35	-0.53	0.79	42.56	-0.0647	-5.9552	0.1969
755	SLU 36	-0.53	0.85	42.57	-0.0646	-5.9567	0.2118
755	SLU 37	-0.53	0.79	42.25	-0.0642	-5.914	0.1958
755	SLU 38	-0.53	0.84	42.26	-0.0642	-5.9155	0.2107
755	SLU 39	-0.52	0.81	42.92	-0.0653	-6.011	0.2024
755	SLU 40	-0.52	0.87	42.93	-0.0653	-6.0125	0.2173
755	SLU 41	-0.53	0.82	43.41	-0.0661	-6.0756	0.2053
755	SLU 42	-0.53	0.88	43.42	-0.0661	-6.0772	0.2202
755	SLU 43	-0.6	0.66	42.21	-0.0631	-5.9636	0.1653
755	SLU 44	-0.59	0.76	42.23	-0.063	-5.9661	0.1901
755	SLU 45	-0.61	0.68	43.01	-0.0644	-6.0694	0.1694
755	SLU 46	-0.6	0.74	43.02	-0.0643	-6.071	0.1842
755	SLU 47	-0.6	0.78	42.72	-0.0638	-6.0308	0.1931
755	SLU 48	-0.61	0.69	43.5	-0.0651	-6.1341	0.1723
755	SLU 49	-0.61	0.75	43.51	-0.0651	-6.1356	0.1872
755	SLU 50	-0.61	0.69	43.19	-0.0647	-6.0929	0.1712
755	SLU 51	-0.61	0.75	43.2	-0.0646	-6.0944	0.1861
755	SLU 52	-0.6	0.88	46.09	-0.0693	-6.4942	0.2193
755	SLU 53	-0.62	0.8	46.87	-0.0706	-6.5975	0.1985
755	SLU 54	-0.62	0.86	46.88	-0.0706	-6.5991	0.2134
755	SLU 55	-0.61	0.89	46.58	-0.0701	-6.5589	0.2222
755	SLU 56	-0.63	0.81	47.36	-0.0714	-6.6622	0.2014
755	SLU 57	-0.62	0.87	47.37	-0.0714	-6.6637	0.2163
755	SLU 58	-0.63	0.8	47.05	-0.071	-6.621	0.2004
755	SLU 59	-0.62	0.86	47.06	-0.0709	-6.6225	0.2153
755	SLU 60	-0.62	0.83	47.73	-0.0721	-6.718	0.2069
755	SLU 61	-0.61	0.89	47.74	-0.072	-6.7195	0.2218
755	SLU 62	-0.62	0.84	48.22	-0.0729	-6.7826	0.2099
755	SLU 63	-0.62	0.9	48.23	-0.0728	-6.7842	0.2248
755	SLU 64	-0.63	0.77	46.12	-0.0692	-6.4931	0.1919
755	SLU 65	-0.62	0.87	46.14	-0.0692	-6.4957	0.2167
755	SLU 66	-0.64	0.79	46.92	-0.0705	-6.599	0.196
755	SLU 67	-0.64	0.85	46.93	-0.0705	-6.6005	0.2108
755	SLU 68	-0.63	0.88	46.63	-0.07	-6.5603	0.2197
755	SLU 69	-0.65	0.8	47.41	-0.0713	-6.6636	0.1989
755	SLU 70	-0.64	0.86	47.42	-0.0713	-6.6652	0.2138
755	SLU 71	-0.64	0.79	47.1	-0.0708	-6.6224	0.1978
755	SLU 72	-0.64	0.85	47.11	-0.0708	-6.624	0.2127
755	SLU 73	-0.64	0.99	50	-0.0755	-7.0238	0.2458
755	SLU 74	-0.65	0.9	50.78	-0.0768	-7.1271	0.2251
755	SLU 75	-0.65	0.96	50.79	-0.0768	-7.1286	0.24
755	SLU 76	-0.64	1	50.49	-0.0763	-7.0884	0.2484
755	SLU 77	-0.66	0.91	51.27	-0.0776	-7.1917	0.228
755	SLU 78	-0.66	0.97	51.28	-0.0776	-7.1933	0.2429
755	SLU 79	-0.66	0.91	50.96	-0.0771	-7.1505	0.227
755	SLU 80	-0.65	0.97	50.97	-0.0771	-7.152	0.2418
755	SLU 81	-0.65	0.94	51.63	-0.0782	-7.2475	0.2335
755	SLU 82	-0.65	1	51.64	-0.0782	-7.2491	0.2484
755	SLU 83	-0.66	0.95	52.12	-0.079	-7.3122	0.2365
755	SLU 84	-0.65	1.01	52.13	-0.079	-7.3137	0.2514
755	SLE RA 1	-0.48	0.57	34.62	-0.0519	-4.8783	0.1418
755	SLE RA 2	-0.47	0.64	34.63	-0.0519	-4.88	0.1583
755	SLE RA 3	-0.48	0.58	35.15	-0.0528	-4.9489	0.1445
755	SLE RA 4	-0.48	0.62	35.16	-0.0527	-4.9499	0.1544
755	SLE RA 5	-0.48	0.64	34.96	-0.0524	-4.9231	0.1603
755	SLE RA 6	-0.49	0.59	35.48	-0.0533	-4.992	0.1464
755	SLE RA 7	-0.49	0.63	35.48	-0.0533	-4.993	0.1564
755	SLE RA 8	-0.49	0.59	35.27	-0.053	-4.9645	0.1457
755	SLE RA 9	-0.48	0.62	35.28	-0.0529	-4.9656	0.1557
755	SLE RA 10	-0.48	0.71	37.2	-0.0561	-5.2321	0.1777
755	SLE RA 11	-0.49	0.66	37.72	-0.0569	-5.301	0.1639
755	SLE RA 12	-0.49	0.7	37.73	-0.0569	-5.302	0.1738
755	SLE RA 13	-0.49	0.72	37.53	-0.0566	-5.2752	0.1797
755	SLE RA 14	-0.5	0.67	38.05	-0.0575	-5.3441	0.1659
755	SLE RA 15	-0.5	0.7	38.06	-0.0575	-5.3451	0.1758
755	SLE RA 16	-0.5	0.66	37.84	-0.0572	-5.3166	0.1651
755	SLE RA 17	-0.49	0.7	37.85	-0.0571	-5.3176	0.1751
755	SLE RA 18	-0.49	0.68	38.29	-0.0579	-5.3813	0.1695
755	SLE RA 19	-0.49	0.72	38.3	-0.0579	-5.3823	0.1794
755	SLE RA 20	-0.5	0.69	38.62	-0.0584	-5.4244	0.1715
755	SLE RA 21	-0.49	0.73	38.63	-0.0584	-5.4254	0.1814
755	SLE FR 1	-0.48	0.57	34.62	-0.0519	-4.8783	0.1418
755	SLE FR 2	-0.48	0.58	34.62	-0.0519	-4.8787	0.1451
755	SLE FR 3	-0.48	0.57	34.75	-0.0521	-4.8956	0.1426
755	SLE FR 4	-0.48	0.62	35.72	-0.0537	-5.0295	0.1534
755	SLE FR 5	-0.48	0.61	35.85	-0.0539	-5.0464	0.1509
755	SLE FR 6	-0.48	0.62	36.45	-0.0549	-5.1298	0.1556
755	SLE QP 1	-0.48	0.57	34.62	-0.0519	-4.8783	0.1418
755	SLE QP 2	-0.48	0.6	35.72	-0.0537	-5.0292	0.1501
755	SLD 1	2.04	1.27	45.12	-0.0715	-6.291	0.3186
755	SLD 2	1.93	0.72	45.26	-0.0702	-6.2886	0.1804
755	SLD 3	1.94	-0.07	45.22	-0.0694	-6.2561	-0.0189
755	SLD 4	1.83	-0.63	45.36	-0.0681	-6.2538	-0.1571
755	SLD 5	0.44	2.95	38.37	-0.0625	-5.461	0.7372
755	SLD 6	0.37	2.58	38.46	-0.0617	-5.4595	0.6462
755	SLD 7	0.12	-1.55	38.69	-0.0554	-5.3448	-0.3877



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
755	SLD 8	0.05	-1.91	38.78	-0.0545	-5.3433	-0.4786
755	SLD 9	-1.01	3.12	32.65	-0.0529	-4.7151	0.7788
755	SLD 10	-1.08	2.75	32.75	-0.052	-4.7136	0.6879
755	SLD 11	-1.33	-1.38	32.98	-0.0457	-4.5989	-0.346
755	SLD 12	-1.4	-1.74	33.07	-0.0449	-4.5974	-0.437
755	SLD 13	-2.79	1.83	26.08	-0.0393	-3.8046	0.4573
755	SLD 14	-2.9	1.28	26.22	-0.038	-3.8023	0.3191
755	SLD 15	-2.89	0.49	26.18	-0.0372	-3.7698	0.1198
755	SLD 16	-3	-0.07	26.32	-0.0359	-3.7675	-0.0184
755	SLV 1	5.4	2.12	57.73	-0.0953	-7.982	0.5304
755	SLV 2	5.15	0.83	58.05	-0.0923	-7.9765	0.2087
755	SLV 3	5.18	-0.94	57.95	-0.0905	-7.9024	-0.234
755	SLV 4	4.94	-2.23	58.28	-0.0874	-7.897	-0.5558
755	SLV 5	1.66	5.92	41.93	-0.0741	-6.0366	1.4795
755	SLV 6	1.5	5.08	42.13	-0.0721	-6.0331	1.2713
755	SLV 7	0.93	-4.27	42.67	-0.0579	-5.7715	-1.0688
755	SLV 8	0.77	-5.11	42.88	-0.0559	-5.768	-1.277
755	SLV 9	-1.73	6.31	28.55	-0.0515	-4.2904	1.5772
755	SLV 10	-1.89	5.47	28.76	-0.0495	-4.2869	1.369
755	SLV 11	-2.46	-3.87	29.3	-0.0353	-4.0253	-0.9711
755	SLV 12	-2.62	-4.71	29.51	-0.0333	-4.0218	-1.1793
755	SLV 13	-5.9	3.43	13.16	-0.02	-2.1614	0.856
755	SLV 14	-6.14	2.14	13.48	-0.0169	-2.156	0.5342
755	SLV 15	-6.11	0.38	13.38	-0.0151	-2.0819	0.0915
755	SLV 16	-6.36	-0.91	13.71	-0.0121	-2.0765	-0.2302
755	CRTFP Ux+	0	0	0	0	0	0
755	CRTFP Ux-	0	0	0	0	0	0
755	CRTFP Uy+	0	0	0	0	0	0
755	CRTFP Uy-	0	0	0	0	0	0
758	SLU 1	0.59	0.44	38.22	-0.0666	8.4676	-0.1514
758	SLU 2	0.58	0.55	38.23	-0.0666	8.4732	-0.1899
758	SLU 3	0.61	0.44	39.12	-0.0684	8.6567	-0.1532
758	SLU 4	0.6	0.51	39.13	-0.0684	8.6601	-0.1763
758	SLU 5	0.6	0.55	38.79	-0.0677	8.59	-0.1896
758	SLU 6	0.62	0.44	39.68	-0.0695	8.7735	-0.1528
758	SLU 7	0.62	0.51	39.69	-0.0695	8.7769	-0.1759
758	SLU 8	0.62	0.43	39.33	-0.0688	8.7012	-0.1507
758	SLU 9	0.61	0.5	39.34	-0.0688	8.7046	-0.1738
758	SLU 10	0.61	0.67	42.62	-0.0751	9.4137	-0.2335
758	SLU 11	0.64	0.57	43.5	-0.0768	9.5971	-0.1968
758	SLU 12	0.63	0.63	43.52	-0.0768	9.6005	-0.2199
758	SLU 13	0.62	0.67	43.18	-0.0762	9.5305	-0.2331
758	SLU 14	0.65	0.57	44.06	-0.0779	9.7139	-0.1964
758	SLU 15	0.64	0.63	44.07	-0.0779	9.7173	-0.2195
758	SLU 16	0.64	0.56	43.72	-0.0773	9.6416	-0.1943
758	SLU 17	0.64	0.63	43.73	-0.0773	9.645	-0.2174
758	SLU 18	0.63	0.61	44.48	-0.0787	9.811	-0.2137
758	SLU 19	0.63	0.68	44.49	-0.0787	9.8144	-0.2368
758	SLU 20	0.64	0.61	45.04	-0.0798	9.9278	-0.2133
758	SLU 21	0.64	0.68	45.05	-0.0798	9.9312	-0.2364
758	SLU 22	0.64	0.54	42.61	-0.0749	9.404	-0.1891
758	SLU 23	0.63	0.65	42.63	-0.0749	9.4097	-0.2276
758	SLU 24	0.66	0.55	43.52	-0.0767	9.5931	-0.1908
758	SLU 25	0.65	0.62	43.53	-0.0767	9.5966	-0.2139
758	SLU 26	0.64	0.65	43.19	-0.076	9.5265	-0.2272
758	SLU 27	0.67	0.55	44.08	-0.0778	9.7099	-0.1905
758	SLU 28	0.66	0.61	44.09	-0.0778	9.7134	-0.2136
758	SLU 29	0.66	0.54	43.73	-0.0771	9.6376	-0.1884
758	SLU 30	0.66	0.61	43.74	-0.0771	9.641	-0.2115
758	SLU 31	0.66	0.78	47.01	-0.0834	10.3501	-0.2711
758	SLU 32	0.68	0.67	47.9	-0.0851	10.5336	-0.2344
758	SLU 33	0.68	0.74	47.91	-0.0851	10.537	-0.2575
758	SLU 34	0.67	0.78	47.57	-0.0845	10.4669	-0.2708
758	SLU 35	0.69	0.67	48.46	-0.0862	10.6504	-0.2341
758	SLU 36	0.69	0.74	48.47	-0.0862	10.6538	-0.2572
758	SLU 37	0.69	0.67	48.11	-0.0856	10.5781	-0.2319
758	SLU 38	0.68	0.73	48.12	-0.0856	10.5815	-0.255
758	SLU 39	0.68	0.72	48.87	-0.087	10.7475	-0.2513
758	SLU 40	0.67	0.79	48.88	-0.087	10.7509	-0.2744
758	SLU 41	0.69	0.72	49.43	-0.0881	10.8643	-0.251
758	SLU 42	0.68	0.79	49.44	-0.0881	10.8677	-0.2741
758	SLU 43	0.75	0.53	48.17	-0.0838	10.6868	-0.184
758	SLU 44	0.75	0.64	48.19	-0.0837	10.6924	-0.2225
758	SLU 45	0.77	0.54	49.08	-0.0855	10.8759	-0.1857
758	SLU 46	0.77	0.6	49.09	-0.0855	10.8793	-0.2088
758	SLU 47	0.76	0.64	48.75	-0.0848	10.8092	-0.2221
758	SLU 48	0.78	0.53	49.64	-0.0866	10.9927	-0.1854
758	SLU 49	0.78	0.6	49.65	-0.0866	10.9961	-0.2085
758	SLU 50	0.78	0.53	49.29	-0.086	10.9204	-0.1832
758	SLU 51	0.77	0.59	49.3	-0.0859	10.9238	-0.2063
758	SLU 52	0.77	0.77	52.57	-0.0922	11.6329	-0.266
758	SLU 53	0.8	0.66	53.46	-0.094	11.8163	-0.2293
758	SLU 54	0.79	0.73	53.47	-0.094	11.8197	-0.2524
758	SLU 55	0.78	0.76	53.13	-0.0933	11.7497	-0.2657
758	SLU 56	0.81	0.66	54.02	-0.0951	11.9331	-0.2289
758	SLU 57	0.81	0.73	54.03	-0.0951	11.9365	-0.252
758	SLU 58	0.8	0.65	53.67	-0.0944	11.8608	-0.2268
758	SLU 59	0.8	0.72	53.68	-0.0944	11.8642	-0.2499
758	SLU 60	0.79	0.71	54.43	-0.0959	12.0302	-0.2462



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
758	SLU 61	0.79	0.77	54.44	-0.0958	12.0336	-0.2693
758	SLU 62	0.8	0.71	54.99	-0.0969	12.147	-0.2458
758	SLU 63	0.8	0.77	55	-0.0969	12.1504	-0.2689
758	SLU 64	0.8	0.64	52.57	-0.0921	11.6232	-0.2216
758	SLU 65	0.79	0.75	52.59	-0.092	11.6289	-0.2601
758	SLU 66	0.82	0.64	53.48	-0.0938	11.8123	-0.2234
758	SLU 67	0.81	0.71	53.49	-0.0938	11.8157	-0.2465
758	SLU 68	0.8	0.75	53.15	-0.0931	11.7457	-0.2597
758	SLU 69	0.83	0.64	54.03	-0.0949	11.9291	-0.223
758	SLU 70	0.82	0.71	54.05	-0.0949	11.9325	-0.2461
758	SLU 71	0.82	0.64	53.69	-0.0943	11.8568	-0.2209
758	SLU 72	0.82	0.7	53.7	-0.0942	11.8602	-0.244
758	SLU 73	0.82	0.87	56.97	-0.1005	12.5693	-0.3037
758	SLU 74	0.85	0.77	57.86	-0.1023	12.7528	-0.2669
758	SLU 75	0.84	0.83	57.87	-0.1023	12.7562	-0.29
758	SLU 76	0.83	0.87	57.53	-0.1016	12.6861	-0.3033
758	SLU 77	0.86	0.77	58.42	-0.1034	12.8696	-0.2666
758	SLU 78	0.85	0.83	58.43	-0.1034	12.873	-0.2897
758	SLU 79	0.85	0.76	58.07	-0.1027	12.7973	-0.2645
758	SLU 80	0.85	0.83	58.08	-0.1027	12.8007	-0.2876
758	SLU 81	0.84	0.82	58.83	-0.1042	12.9667	-0.2838
758	SLU 82	0.83	0.88	58.84	-0.1041	12.9701	-0.3069
758	SLU 83	0.85	0.82	59.39	-0.1053	13.0835	-0.2835
758	SLU 84	0.85	0.88	59.4	-0.1052	13.0869	-0.3066
758	SLE RA 1	0.61	0.47	39.47	-0.069	8.7351	-0.1622
758	SLE RA 2	0.6	0.54	39.48	-0.069	8.7389	-0.1879
758	SLE RA 3	0.62	0.47	40.08	-0.0702	8.8612	-0.1634
758	SLE RA 4	0.61	0.51	40.08	-0.0702	8.8635	-0.1788
758	SLE RA 5	0.61	0.54	39.86	-0.0697	8.8168	-0.1876
758	SLE RA 6	0.62	0.47	40.45	-0.0709	8.9391	-0.1631
758	SLE RA 7	0.62	0.51	40.46	-0.0709	8.9413	-0.1785
758	SLE RA 8	0.62	0.47	40.22	-0.0705	8.8909	-0.1617
758	SLE RA 9	0.62	0.51	40.22	-0.0704	8.8931	-0.1771
758	SLE RA 10	0.62	0.62	42.41	-0.0746	9.3659	-0.2169
758	SLE RA 11	0.64	0.55	43	-0.0758	9.4881	-0.1924
758	SLE RA 12	0.63	0.6	43.01	-0.0758	9.4904	-0.2078
758	SLE RA 13	0.63	0.62	42.78	-0.0754	9.4437	-0.2167
758	SLE RA 14	0.64	0.55	43.37	-0.0765	9.566	-0.1922
758	SLE RA 15	0.64	0.6	43.38	-0.0765	9.5683	-0.2076
758	SLE RA 16	0.64	0.55	43.14	-0.0761	9.5178	-0.1908
758	SLE RA 17	0.64	0.59	43.15	-0.0761	9.5201	-0.2062
758	SLE RA 18	0.63	0.59	43.65	-0.0771	9.6308	-0.2037
758	SLE RA 19	0.63	0.63	43.65	-0.077	9.633	-0.2191
758	SLE RA 20	0.64	0.59	44.02	-0.0778	9.7086	-0.2034
758	SLE RA 21	0.64	0.63	44.03	-0.0778	9.7109	-0.2188
758	SLE FR 1	0.61	0.47	39.47	-0.069	8.7351	-0.1622
758	SLE FR 2	0.6	0.48	39.47	-0.069	8.7359	-0.1673
758	SLE FR 3	0.61	0.47	39.62	-0.0693	8.7663	-0.1621
758	SLE FR 4	0.61	0.52	40.73	-0.0714	9.0046	-0.1798
758	SLE FR 5	0.62	0.5	40.87	-0.0717	9.035	-0.1745
758	SLE FR 6	0.62	0.53	41.56	-0.073	9.1829	-0.1829
758	SLE QP 1	0.61	0.47	39.47	-0.069	8.7351	-0.1622
758	SLE QP 2	0.61	0.5	40.72	-0.0714	9.0038	-0.1746
758	SLD 1	2.9	1.11	30.07	-0.0502	6.8694	-0.3892
758	SLD 2	2.77	1.77	29.94	-0.0517	6.8707	-0.6192
758	SLD 3	3.08	-0.38	30.26	-0.048	6.8349	0.1312
758	SLD 4	2.95	0.28	30.13	-0.0494	6.8363	-0.0988
758	SLD 5	1.05	2.83	37.26	-0.0683	8.4156	-0.9871
758	SLD 6	0.96	3.26	37.18	-0.0692	8.4164	-1.1385
758	SLD 7	1.66	-2.14	37.89	-0.0607	8.3006	0.7476
758	SLD 8	1.57	-1.71	37.81	-0.0616	8.3015	0.5962
758	SLD 9	-0.34	2.71	43.64	-0.0812	9.7062	-0.9454
758	SLD 10	-0.43	3.15	43.56	-0.0822	9.707	-1.0969
758	SLD 11	0.27	-2.26	44.27	-0.0736	9.5912	0.7892
758	SLD 12	0.18	-1.82	44.18	-0.0746	9.5921	0.6378
758	SLD 13	-1.73	0.72	51.32	-0.0934	11.1714	-0.2505
758	SLD 14	-1.86	1.38	51.19	-0.0949	11.1727	-0.4805
758	SLD 15	-1.54	-0.77	51.5	-0.0911	11.1369	0.2699
758	SLD 16	-1.67	-0.11	51.38	-0.0926	11.1382	0.0399
758	SLV 1	5.97	1.88	15.79	-0.0218	4.0068	-0.6591
758	SLV 2	5.67	3.42	15.5	-0.0252	4.0099	-1.1947
758	SLV 3	6.39	-1.5	16.22	-0.0166	3.9277	0.5206
758	SLV 4	6.08	0.04	15.92	-0.0201	3.9308	-0.015
758	SLV 5	1.64	5.78	32.64	-0.0637	7.6241	-2.0163
758	SLV 6	1.45	6.77	32.45	-0.066	7.626	-2.3629
758	SLV 7	3.03	-5.49	34.07	-0.0466	7.3606	1.9161
758	SLV 8	2.83	-4.5	33.88	-0.0488	7.3626	1.5696
758	SLV 9	-1.6	5.5	47.56	-0.094	10.6451	-1.9188
758	SLV 10	-1.8	6.5	47.38	-0.0963	10.6471	-2.2654
758	SLV 11	-0.22	-5.76	48.99	-0.0769	10.3816	2.0136
758	SLV 12	-0.42	-4.77	48.8	-0.0791	10.3836	1.667
758	SLV 13	-4.86	0.97	65.52	-0.1228	14.0768	-0.3343
758	SLV 14	-5.16	2.5	65.23	-0.1262	14.0799	-0.8699
758	SLV 15	-4.44	-2.41	65.95	-0.1176	13.9978	0.8454
758	SLV 16	-4.74	-0.88	65.66	-0.1211	14.0009	0.3098
758	CRTFP Ux+	0	0	0	0	0	0
758	CRTFP Ux-	0	0	0	0	0	0
758	CRTFP Uy+	0	0	0	0	0	0
758	CRTFP Uy-	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
760	SLU 1	1.16	0.05	62.36	0.0204	0.1509	-0.0153
760	SLU 2	1.16	0.15	62.43	0.0203	0.1491	-0.0156
760	SLU 3	1.2	0.05	63.83	0.0209	0.1572	-0.0157
760	SLU 4	1.19	0.11	63.87	0.0209	0.1561	-0.0159
760	SLU 5	1.18	0.14	63.32	0.0206	0.1523	-0.0159
760	SLU 6	1.22	0.04	64.73	0.0212	0.1603	-0.0161
760	SLU 7	1.21	0.1	64.76	0.0212	0.1593	-0.0162
760	SLU 8	1.21	0.04	64.16	0.021	0.1571	-0.016
760	SLU 9	1.2	0.09	64.19	0.0209	0.1561	-0.0162
760	SLU 10	1.23	0.23	70.13	0.0231	0.1797	-0.0167
760	SLU 11	1.26	0.13	71.53	0.0237	0.1878	-0.0168
760	SLU 12	1.26	0.19	71.57	0.0237	0.1867	-0.017
760	SLU 13	1.25	0.22	71.02	0.0234	0.1828	-0.017
760	SLU 14	1.28	0.13	72.43	0.024	0.1909	-0.0172
760	SLU 15	1.28	0.19	72.46	0.024	0.1899	-0.0173
760	SLU 16	1.27	0.12	71.86	0.0238	0.1877	-0.0171
760	SLU 17	1.27	0.18	71.89	0.0237	0.1867	-0.0173
760	SLU 18	1.26	0.17	73.36	0.0244	0.1946	-0.0169
760	SLU 19	1.26	0.23	73.4	0.0243	0.1935	-0.017
760	SLU 20	1.28	0.16	74.26	0.0247	0.1977	-0.0172
760	SLU 21	1.28	0.22	74.3	0.0246	0.1967	-0.0174
760	SLU 22	1.26	0.16	69.96	0.0238	0.18	-0.0162
760	SLU 23	1.26	0.26	70.03	0.0237	0.1783	-0.0165
760	SLU 24	1.29	0.16	71.43	0.0244	0.1863	-0.0166
760	SLU 25	1.29	0.22	71.47	0.0243	0.1853	-0.0168
760	SLU 26	1.28	0.25	70.92	0.024	0.1814	-0.0168
760	SLU 27	1.31	0.16	72.33	0.0246	0.1895	-0.017
760	SLU 28	1.31	0.22	72.36	0.0246	0.1884	-0.0171
760	SLU 29	1.3	0.15	71.76	0.0244	0.1863	-0.0169
760	SLU 30	1.3	0.21	71.79	0.0243	0.1852	-0.017
760	SLU 31	1.32	0.34	77.72	0.0265	0.2089	-0.0176
760	SLU 32	1.36	0.25	79.13	0.0272	0.2169	-0.0177
760	SLU 33	1.36	0.31	79.17	0.0271	0.2159	-0.0179
760	SLU 34	1.34	0.34	78.62	0.0268	0.212	-0.0179
760	SLU 35	1.38	0.24	80.03	0.0274	0.2201	-0.0181
760	SLU 36	1.38	0.3	80.06	0.0274	0.219	-0.0182
760	SLU 37	1.37	0.23	79.46	0.0272	0.2169	-0.018
760	SLU 38	1.37	0.29	79.49	0.0271	0.2158	-0.0181
760	SLU 39	1.36	0.28	80.96	0.0278	0.2237	-0.0178
760	SLU 40	1.35	0.34	81	0.0278	0.2227	-0.0179
760	SLU 41	1.38	0.27	81.86	0.0281	0.2269	-0.0181
760	SLU 42	1.37	0.33	81.9	0.0281	0.2258	-0.0183
760	SLU 43	1.48	0.02	78.47	0.0253	0.1861	-0.0196
760	SLU 44	1.47	0.12	78.53	0.0253	0.1844	-0.0199
760	SLU 45	1.51	0.02	79.93	0.0259	0.1925	-0.02
760	SLU 46	1.51	0.08	79.97	0.0258	0.1914	-0.0202
760	SLU 47	1.49	0.12	79.43	0.0255	0.1875	-0.0202
760	SLU 48	1.53	0.02	80.83	0.0262	0.1956	-0.0204
760	SLU 49	1.53	0.08	80.87	0.0261	0.1945	-0.0205
760	SLU 50	1.52	0.01	80.26	0.0259	0.1924	-0.0203
760	SLU 51	1.52	0.07	80.3	0.0259	0.1914	-0.0205
760	SLU 52	1.54	0.21	86.23	0.0281	0.215	-0.021
760	SLU 53	1.58	0.11	87.63	0.0287	0.223	-0.0211
760	SLU 54	1.58	0.17	87.67	0.0286	0.222	-0.0213
760	SLU 55	1.56	0.2	87.13	0.0283	0.2181	-0.0213
760	SLU 56	1.6	0.1	88.53	0.029	0.2262	-0.0215
760	SLU 57	1.6	0.16	88.57	0.0289	0.2251	-0.0216
760	SLU 58	1.59	0.1	87.96	0.0287	0.223	-0.0214
760	SLU 59	1.58	0.15	88	0.0287	0.222	-0.0216
760	SLU 60	1.58	0.14	89.47	0.0293	0.2298	-0.0212
760	SLU 61	1.57	0.2	89.5	0.0293	0.2288	-0.0213
760	SLU 62	1.6	0.14	90.36	0.0296	0.233	-0.0215
760	SLU 63	1.59	0.2	90.4	0.0296	0.2319	-0.0217
760	SLU 64	1.58	0.13	86.07	0.0288	0.2153	-0.0205
760	SLU 65	1.57	0.23	86.13	0.0287	0.2135	-0.0208
760	SLU 66	1.61	0.14	87.53	0.0293	0.2216	-0.0209
760	SLU 67	1.61	0.2	87.57	0.0292	0.2206	-0.0211
760	SLU 68	1.59	0.23	87.03	0.029	0.2167	-0.0211
760	SLU 69	1.63	0.13	88.43	0.0296	0.2247	-0.0213
760	SLU 70	1.63	0.19	88.47	0.0295	0.2237	-0.0214
760	SLU 71	1.62	0.12	87.86	0.0293	0.2216	-0.0212
760	SLU 72	1.61	0.18	87.9	0.0293	0.2205	-0.0213
760	SLU 73	1.64	0.32	93.83	0.0315	0.2441	-0.0219
760	SLU 74	1.68	0.22	95.23	0.0321	0.2522	-0.022
760	SLU 75	1.67	0.28	95.27	0.032	0.2511	-0.0222
760	SLU 76	1.66	0.31	94.72	0.0318	0.2473	-0.0222
760	SLU 77	1.7	0.22	96.13	0.0324	0.2553	-0.0224
760	SLU 78	1.69	0.28	96.17	0.0323	0.2543	-0.0225
760	SLU 79	1.69	0.21	95.56	0.0321	0.2522	-0.0223
760	SLU 80	1.68	0.27	95.6	0.0321	0.2511	-0.0224
760	SLU 81	1.67	0.25	97.06	0.0328	0.259	-0.0221
760	SLU 82	1.67	0.31	97.1	0.0327	0.2579	-0.0222
760	SLU 83	1.69	0.25	97.96	0.0331	0.2621	-0.0224
760	SLU 84	1.69	0.31	98	0.033	0.2611	-0.0226
760	SLE RA 1	1.19	0.08	64.53	0.0214	0.1592	-0.0156
760	SLE RA 2	1.19	0.14	64.58	0.0213	0.158	-0.0157
760	SLE RA 3	1.21	0.08	65.51	0.0217	0.1634	-0.0159
760	SLE RA 4	1.21	0.12	65.54	0.0217	0.1627	-0.016
760	SLE RA 5	1.2	0.14	65.17	0.0215	0.1601	-0.016



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
760	SLE RA 6	1.23	0.08	66.11	0.0219	0.1655	-0.0161
760	SLE RA 7	1.22	0.12	66.14	0.0219	0.1648	-0.0162
760	SLE RA 8	1.22	0.07	65.73	0.0218	0.1634	-0.016
760	SLE RA 9	1.22	0.11	65.75	0.0217	0.1627	-0.0161
760	SLE RA 10	1.23	0.2	69.71	0.0232	0.1784	-0.0165
760	SLE RA 11	1.26	0.14	70.65	0.0236	0.1838	-0.0166
760	SLE RA 12	1.26	0.18	70.67	0.0236	0.1831	-0.0167
760	SLE RA 13	1.25	0.2	70.31	0.0234	0.1805	-0.0167
760	SLE RA 14	1.27	0.13	71.24	0.0238	0.1859	-0.0168
760	SLE RA 15	1.27	0.17	71.27	0.0238	0.1852	-0.0169
760	SLE RA 16	1.26	0.13	70.86	0.0236	0.1838	-0.0168
760	SLE RA 17	1.26	0.17	70.89	0.0236	0.1831	-0.0169
760	SLE RA 18	1.26	0.16	71.87	0.024	0.1883	-0.0166
760	SLE RA 19	1.25	0.2	71.89	0.024	0.1876	-0.0167
760	SLE RA 20	1.27	0.16	72.46	0.0242	0.1904	-0.0168
760	SLE RA 21	1.27	0.19	72.49	0.0242	0.1897	-0.0169
760	SLE FR 1	1.19	0.08	64.53	0.0214	0.1592	-0.0156
760	SLE FR 2	1.19	0.09	64.54	0.0214	0.159	-0.0156
760	SLE FR 3	1.2	0.08	64.77	0.0215	0.16	-0.0157
760	SLE FR 4	1.21	0.12	66.74	0.0222	0.1677	-0.0159
760	SLE FR 5	1.22	0.1	66.97	0.0223	0.1688	-0.016
760	SLE FR 6	1.22	0.12	68.2	0.0227	0.1738	-0.0161
760	SLE QP 1	1.19	0.08	64.53	0.0214	0.1592	-0.0156
760	SLE QP 2	1.21	0.1	66.73	0.0222	0.1679	-0.0159
760	SLD 1	6.28	1.01	61.57	0.0199	0.1895	-0.0296
760	SLD 2	6.09	1.5	61.35	0.0172	0.1956	-0.0185
760	SLD 3	6.32	-0.72	61.83	0.0233	0.2366	-0.0311
760	SLD 4	6.13	-0.23	61.61	0.0206	0.2428	-0.0201
760	SLD 5	2.71	2.9	64.84	0.0168	0.1017	-0.0196
760	SLD 6	2.58	3.23	64.69	0.015	0.1058	-0.0123
760	SLD 7	2.84	-2.85	65.69	0.0281	0.259	-0.0249
760	SLD 8	2.71	-2.52	65.55	0.0264	0.263	-0.0176
760	SLD 9	-0.29	2.73	67.92	0.018	0.0728	-0.0142
760	SLD 10	-0.41	3.05	67.78	0.0162	0.0769	-0.0069
760	SLD 11	-0.16	-3.02	68.78	0.0293	0.2301	-0.0195
760	SLD 12	-0.28	-2.7	68.63	0.0276	0.2341	-0.0122
760	SLD 13	-3.7	0.43	71.86	0.0237	0.0931	-0.0117
760	SLD 14	-3.89	0.92	71.64	0.0211	0.0993	-0.0006
760	SLD 15	-3.67	-1.3	72.12	0.0272	0.1403	-0.0133
760	SLD 16	-3.86	-0.8	71.9	0.0245	0.1464	-0.0022
760	SLV 1	13.07	2.16	54.64	0.0166	0.2206	-0.0479
760	SLV 2	12.62	3.31	54.13	0.0104	0.2349	-0.0221
760	SLV 3	13.15	-1.75	55.23	0.0243	0.3277	-0.0516
760	SLV 4	12.71	-0.6	54.72	0.0181	0.342	-0.0258
760	SLV 5	4.71	6.45	62.3	0.0099	0.0189	-0.0244
760	SLV 6	4.42	7.2	61.97	0.0059	0.0281	-0.0077
760	SLV 7	5.01	-6.59	64.27	0.0356	0.3758	-0.0366
760	SLV 8	4.72	-5.84	63.94	0.0316	0.385	-0.02
760	SLV 9	-2.3	6.05	69.53	0.0128	-0.0492	-0.0118
760	SLV 10	-2.58	6.79	69.2	0.0088	-0.0399	0.0049
760	SLV 11	-2	-6.99	71.5	0.0385	0.3078	-0.0241
760	SLV 12	-2.29	-6.25	71.17	0.0345	0.317	-0.0074
760	SLV 13	-10.29	0.81	78.75	0.0262	-0.0061	-0.006
760	SLV 14	-10.73	1.96	78.24	0.0201	0.0082	0.0198
760	SLV 15	-10.2	-3.1	79.34	0.0339	0.101	-0.0096
760	SLV 16	-10.64	-1.95	78.83	0.0278	0.1153	0.0161
760	CRTFP Ux+	0	0	0	0	0	0
760	CRTFP Ux-	0	0	0	0	0	0
763	SLU 1	-0.07	0.46	63.84	-0.063	2.0769	-0.0309
763	SLU 2	-0.07	0.54	63.92	-0.0632	2.0795	-0.031
763	SLU 3	-0.07	0.49	65.29	-0.0653	2.1289	-0.0318
763	SLU 4	-0.07	0.54	65.34	-0.0654	2.1304	-0.0319
763	SLU 5	-0.07	0.54	64.8	-0.0644	2.11	-0.0317
763	SLU 6	-0.07	0.49	66.18	-0.0665	2.1594	-0.0325
763	SLU 7	-0.07	0.54	66.22	-0.0666	2.161	-0.0326
763	SLU 8	-0.07	0.47	65.61	-0.0654	2.138	-0.0323
763	SLU 9	-0.07	0.52	65.65	-0.0655	2.1396	-0.0324
763	SLU 10	-0.05	0.65	72.34	-0.0719	2.3736	-0.0326
763	SLU 11	-0.05	0.59	73.72	-0.074	2.423	-0.0335
763	SLU 12	-0.05	0.64	73.77	-0.0741	2.4245	-0.0335
763	SLU 13	-0.05	0.65	73.23	-0.0731	2.4042	-0.0333
763	SLU 14	-0.05	0.6	74.61	-0.0752	2.4536	-0.0342
763	SLU 15	-0.05	0.65	74.65	-0.0753	2.4551	-0.0342
763	SLU 16	-0.05	0.57	74.04	-0.0741	2.4322	-0.0339
763	SLU 17	-0.05	0.62	74.08	-0.0742	2.4337	-0.034
763	SLU 18	-0.04	0.61	75.88	-0.0754	2.4971	-0.0333
763	SLU 19	-0.04	0.66	75.93	-0.0755	2.4986	-0.0333
763	SLU 20	-0.04	0.62	76.77	-0.0766	2.5277	-0.0339
763	SLU 21	-0.04	0.66	76.81	-0.0768	2.5292	-0.034
763	SLU 22	-0.08	0.68	71.95	-0.0671	2.3788	-0.0337
763	SLU 23	-0.08	0.76	72.02	-0.0673	2.3813	-0.0338
763	SLU 24	-0.08	0.71	73.4	-0.0694	2.4307	-0.0346
763	SLU 25	-0.08	0.76	73.45	-0.0695	2.4322	-0.0347
763	SLU 26	-0.08	0.77	72.91	-0.0685	2.4118	-0.0345
763	SLU 27	-0.08	0.71	74.29	-0.0706	2.4613	-0.0353
763	SLU 28	-0.08	0.76	74.33	-0.0707	2.4628	-0.0354
763	SLU 29	-0.08	0.69	73.72	-0.0695	2.4399	-0.0351
763	SLU 30	-0.08	0.74	73.76	-0.0696	2.4414	-0.0352
763	SLU 31	-0.06	0.87	80.45	-0.076	2.6754	-0.0354



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
763	SLU 32	-0.06	0.82	81.83	-0.0781	2.7248	-0.0363
763	SLU 33	-0.06	0.87	81.88	-0.0782	2.7264	-0.0363
763	SLU 34	-0.06	0.87	81.34	-0.0772	2.706	-0.0361
763	SLU 35	-0.06	0.82	82.72	-0.0793	2.7554	-0.0369
763	SLU 36	-0.06	0.87	82.76	-0.0794	2.7569	-0.037
763	SLU 37	-0.06	0.8	82.15	-0.0782	2.734	-0.0367
763	SLU 38	-0.06	0.85	82.19	-0.0783	2.7355	-0.0368
763	SLU 39	-0.06	0.83	83.99	-0.0795	2.799	-0.036
763	SLU 40	-0.05	0.88	84.04	-0.0797	2.8005	-0.0361
763	SLU 41	-0.05	0.84	84.88	-0.0807	2.8295	-0.0367
763	SLU 42	-0.05	0.89	84.92	-0.0809	2.831	-0.0368
763	SLU 43	-0.09	0.52	80.21	-0.0804	2.5965	-0.0393
763	SLU 44	-0.09	0.6	80.29	-0.0807	2.5991	-0.0393
763	SLU 45	-0.09	0.55	81.67	-0.0827	2.6485	-0.0402
763	SLU 46	-0.09	0.6	81.71	-0.0829	2.65	-0.0402
763	SLU 47	-0.09	0.61	81.17	-0.0819	2.6296	-0.04
763	SLU 48	-0.09	0.55	82.55	-0.084	2.679	-0.0409
763	SLU 49	-0.09	0.6	82.59	-0.0841	2.6806	-0.0409
763	SLU 50	-0.09	0.53	81.98	-0.0828	2.6576	-0.0407
763	SLU 51	-0.09	0.58	82.03	-0.083	2.6592	-0.0407
763	SLU 52	-0.07	0.71	88.72	-0.0894	2.8932	-0.041
763	SLU 53	-0.07	0.66	90.1	-0.0915	2.9426	-0.0418
763	SLU 54	-0.07	0.7	90.14	-0.0916	2.9441	-0.0418
763	SLU 55	-0.07	0.71	89.6	-0.0906	2.9237	-0.0417
763	SLU 56	-0.07	0.66	90.98	-0.0927	2.9732	-0.0425
763	SLU 57	-0.07	0.71	91.02	-0.0928	2.9747	-0.0425
763	SLU 58	-0.07	0.63	90.41	-0.0916	2.9518	-0.0423
763	SLU 59	-0.07	0.68	90.45	-0.0917	2.9533	-0.0423
763	SLU 60	-0.06	0.67	92.26	-0.0929	3.0167	-0.0416
763	SLU 61	-0.06	0.72	92.3	-0.093	3.0182	-0.0416
763	SLU 62	-0.06	0.68	93.14	-0.0941	3.0473	-0.0423
763	SLU 63	-0.06	0.73	93.18	-0.0942	3.0488	-0.0423
763	SLU 64	-0.1	0.74	88.32	-0.0845	2.8984	-0.0421
763	SLU 65	-0.1	0.82	88.4	-0.0848	2.9009	-0.0421
763	SLU 66	-0.1	0.77	89.78	-0.0869	2.9503	-0.043
763	SLU 67	-0.1	0.82	89.82	-0.087	2.9518	-0.043
763	SLU 68	-0.1	0.83	89.28	-0.086	2.9314	-0.0428
763	SLU 69	-0.1	0.78	90.66	-0.0881	2.9809	-0.0436
763	SLU 70	-0.1	0.82	90.7	-0.0882	2.9824	-0.0437
763	SLU 71	-0.1	0.75	90.09	-0.087	2.9595	-0.0434
763	SLU 72	-0.1	0.8	90.13	-0.0871	2.961	-0.0435
763	SLU 73	-0.08	0.93	96.83	-0.0935	3.195	-0.0438
763	SLU 74	-0.08	0.88	98.2	-0.0956	3.2444	-0.0446
763	SLU 75	-0.08	0.93	98.25	-0.0957	3.246	-0.0446
763	SLU 76	-0.08	0.94	97.71	-0.0947	3.2256	-0.0444
763	SLU 77	-0.08	0.88	99.09	-0.0968	3.275	-0.0453
763	SLU 78	-0.08	0.93	99.13	-0.0969	3.2765	-0.0453
763	SLU 79	-0.08	0.86	98.52	-0.0957	3.2536	-0.0451
763	SLU 80	-0.08	0.91	98.56	-0.0958	3.2551	-0.0451
763	SLU 81	-0.07	0.89	100.36	-0.097	3.3186	-0.0444
763	SLU 82	-0.07	0.94	100.41	-0.0971	3.3201	-0.0444
763	SLU 83	-0.07	0.9	101.25	-0.0982	3.3491	-0.0451
763	SLU 84	-0.07	0.95	101.29	-0.0983	3.3506	-0.0451
763	SLE RA 1	-0.08	0.52	66.16	-0.0641	2.1632	-0.0317
763	SLE RA 2	-0.08	0.58	66.21	-0.0643	2.1649	-0.0318
763	SLE RA 3	-0.08	0.54	67.13	-0.0657	2.1978	-0.0323
763	SLE RA 4	-0.08	0.57	67.16	-0.0658	2.1988	-0.0324
763	SLE RA 5	-0.08	0.58	66.8	-0.0651	2.1852	-0.0323
763	SLE RA 6	-0.08	0.54	67.72	-0.0665	2.2182	-0.0328
763	SLE RA 7	-0.08	0.58	67.75	-0.0666	2.2192	-0.0328
763	SLE RA 8	-0.08	0.53	67.34	-0.0657	2.2039	-0.0327
763	SLE RA 9	-0.07	0.56	67.37	-0.0658	2.2049	-0.0327
763	SLE RA 10	-0.06	0.65	71.83	-0.0701	2.361	-0.0329
763	SLE RA 11	-0.06	0.61	72.75	-0.0715	2.3939	-0.0334
763	SLE RA 12	-0.06	0.65	72.78	-0.0716	2.3949	-0.0334
763	SLE RA 13	-0.06	0.65	72.42	-0.0709	2.3813	-0.0333
763	SLE RA 14	-0.06	0.62	73.34	-0.0723	2.4143	-0.0339
763	SLE RA 15	-0.06	0.65	73.36	-0.0724	2.4153	-0.0339
763	SLE RA 16	-0.06	0.6	72.96	-0.0716	2.4	-0.0337
763	SLE RA 17	-0.06	0.63	72.99	-0.0716	2.401	-0.0338
763	SLE RA 18	-0.06	0.62	74.19	-0.0724	2.4433	-0.0333
763	SLE RA 19	-0.06	0.66	74.22	-0.0725	2.4443	-0.0333
763	SLE RA 20	-0.06	0.63	74.78	-0.0732	2.4637	-0.0337
763	SLE RA 21	-0.06	0.66	74.8	-0.0733	2.4647	-0.0338
763	SLE FR 1	-0.08	0.52	66.16	-0.0641	2.1632	-0.0317
763	SLE FR 2	-0.08	0.53	66.17	-0.0642	2.1635	-0.0318
763	SLE FR 3	-0.08	0.52	66.39	-0.0645	2.1713	-0.0319
763	SLE FR 4	-0.07	0.56	68.58	-0.0667	2.2475	-0.0322
763	SLE FR 5	-0.07	0.55	68.8	-0.0669	2.2554	-0.0324
763	SLE FR 6	-0.07	0.57	70.17	-0.0683	2.3032	-0.0325
763	SLE QP 1	-0.08	0.52	66.16	-0.0641	2.1632	-0.0317
763	SLE QP 2	-0.07	0.55	68.57	-0.0666	2.2472	-0.0322
763	SLD 1	5.41	2.07	71.55	-0.0123	2.4369	-0.0118
763	SLD 2	5.27	1.82	71.28	-0.0149	2.4312	-0.002
763	SLD 3	5.46	-0.05	70.92	-0.0149	2.4074	-0.009
763	SLD 4	5.32	-0.3	70.65	-0.0176	2.4017	0.0007
763	SLD 5	1.52	4.27	70.46	-0.0458	2.3499	-0.032
763	SLD 6	1.43	4.1	70.28	-0.0476	2.3461	-0.0255
763	SLD 7	1.69	-2.8	68.37	-0.0547	2.2515	-0.0229



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
763	SLD 8	1.6	-2.97	68.19	-0.0564	2.2478	-0.0164
763	SLD 9	-1.74	4.07	68.94	-0.0768	2.2467	-0.048
763	SLD 10	-1.84	3.9	68.76	-0.0786	2.2429	-0.0416
763	SLD 11	-1.57	-3	66.85	-0.0857	2.1483	-0.0389
763	SLD 12	-1.66	-3.16	66.68	-0.0874	2.1445	-0.0324
763	SLD 13	-5.46	1.41	66.48	-0.1157	2.0928	-0.0651
763	SLD 14	-5.6	1.15	66.21	-0.1183	2.0871	-0.0554
763	SLD 15	-5.41	-0.71	65.86	-0.1183	2.0632	-0.0624
763	SLD 16	-5.55	-0.97	65.59	-0.121	2.0575	-0.0527
763	SLV 1	12.75	4.02	75.57	0.0607	2.6907	0.0158
763	SLV 2	12.42	3.44	74.94	0.0545	2.6774	0.0385
763	SLV 3	12.88	-0.78	74.15	0.0546	2.6241	0.022
763	SLV 4	12.55	-1.37	73.53	0.0484	2.6108	0.0447
763	SLV 5	3.65	8.98	72.93	-0.0181	2.4836	-0.0312
763	SLV 6	3.44	8.6	72.52	-0.0221	2.475	-0.0165
763	SLV 7	4.06	-7.04	68.2	-0.0385	2.2616	-0.0105
763	SLV 8	3.84	-7.41	67.8	-0.0425	2.253	0.0042
763	SLV 9	-3.98	8.52	69.34	-0.0908	2.2415	-0.0686
763	SLV 10	-4.2	8.14	68.93	-0.0948	2.2329	-0.0539
763	SLV 11	-3.58	-7.5	64.61	-0.1112	2.0195	-0.0479
763	SLV 12	-3.79	-7.88	64.21	-0.1152	2.0109	-0.0333
763	SLV 13	-12.69	2.47	63.61	-0.1816	1.8837	-0.1091
763	SLV 14	-13.02	1.89	62.98	-0.1878	1.8704	-0.0864
763	SLV 15	-12.56	-2.33	62.19	-0.1878	1.8171	-0.1029
763	SLV 16	-12.9	-2.92	61.56	-0.1939	1.8038	-0.0802
763	CRTFP Ux+	0	0	0	0	0	0
763	CRTFP Ux-	0	0	0	0	0	0
766	SLU 1	0.16	1.5	59.97	-0.075	-1.6023	0.0268
766	SLU 2	0.16	1.59	60.04	-0.0752	-1.6051	0.0266
766	SLU 3	0.17	1.55	61.33	-0.077	-1.6392	0.0275
766	SLU 4	0.17	1.6	61.37	-0.0771	-1.6409	0.0273
766	SLU 5	0.17	1.61	60.88	-0.0762	-1.6272	0.0268
766	SLU 6	0.18	1.57	62.17	-0.078	-1.6613	0.0277
766	SLU 7	0.18	1.62	62.2	-0.0781	-1.663	0.0276
766	SLU 8	0.18	1.54	61.65	-0.077	-1.6464	0.0274
766	SLU 9	0.18	1.59	61.69	-0.0771	-1.6481	0.0272
766	SLU 10	0.19	1.81	68.02	-0.0829	-1.8286	0.0281
766	SLU 11	0.2	1.78	69.31	-0.0848	-1.8628	0.029
766	SLU 12	0.2	1.83	69.35	-0.0849	-1.8644	0.0289
766	SLU 13	0.19	1.83	68.86	-0.0839	-1.8507	0.0284
766	SLU 14	0.2	1.8	70.15	-0.0858	-1.8848	0.0293
766	SLU 15	0.2	1.85	70.19	-0.0859	-1.8865	0.0292
766	SLU 16	0.2	1.76	69.64	-0.0848	-1.8699	0.0289
766	SLU 17	0.2	1.82	69.67	-0.0849	-1.8716	0.0288
766	SLU 18	0.2	1.82	71.38	-0.0861	-1.9216	0.029
766	SLU 19	0.2	1.87	71.42	-0.0862	-1.9233	0.0289
766	SLU 20	0.21	1.84	72.22	-0.0871	-1.9436	0.0293
766	SLU 21	0.21	1.89	72.26	-0.0872	-1.9453	0.0292
766	SLU 22	0.19	1.81	67.55	-0.0785	-1.8343	0.0297
766	SLU 23	0.19	1.9	67.61	-0.0787	-1.8371	0.0295
766	SLU 24	0.19	1.86	68.9	-0.0805	-1.8713	0.0304
766	SLU 25	0.19	1.92	68.94	-0.0806	-1.873	0.0303
766	SLU 26	0.19	1.92	68.45	-0.0797	-1.8592	0.0298
766	SLU 27	0.2	1.88	69.74	-0.0815	-1.8934	0.0307
766	SLU 28	0.2	1.94	69.78	-0.0816	-1.895	0.0305
766	SLU 29	0.2	1.85	69.22	-0.0805	-1.8784	0.0303
766	SLU 30	0.2	1.9	69.26	-0.0806	-1.8801	0.0302
766	SLU 31	0.21	2.13	75.6	-0.0864	-2.0606	0.0311
766	SLU 32	0.22	2.09	76.88	-0.0883	-2.0948	0.032
766	SLU 33	0.22	2.14	76.92	-0.0884	-2.0965	0.0318
766	SLU 34	0.22	2.15	76.43	-0.0874	-2.0827	0.0314
766	SLU 35	0.23	2.11	77.72	-0.0893	-2.1169	0.0323
766	SLU 36	0.23	2.16	77.76	-0.0894	-2.1185	0.0321
766	SLU 37	0.22	2.08	77.21	-0.0883	-2.102	0.0319
766	SLU 38	0.22	2.13	77.25	-0.0884	-2.1036	0.0317
766	SLU 39	0.22	2.13	78.95	-0.0896	-2.1536	0.032
766	SLU 40	0.22	2.19	78.99	-0.0897	-2.1553	0.0318
766	SLU 41	0.23	2.15	79.79	-0.0906	-2.1757	0.0323
766	SLU 42	0.23	2.21	79.83	-0.0907	-2.1774	0.0321
766	SLU 43	0.21	1.84	75.37	-0.0963	-2.0034	0.0338
766	SLU 44	0.2	1.93	75.43	-0.0965	-2.0062	0.0336
766	SLU 45	0.21	1.89	76.72	-0.0983	-2.0404	0.0345
766	SLU 46	0.21	1.95	76.76	-0.0984	-2.0421	0.0344
766	SLU 47	0.21	1.95	76.27	-0.0975	-2.0283	0.0339
766	SLU 48	0.22	1.91	77.56	-0.0993	-2.0624	0.0348
766	SLU 49	0.22	1.97	77.6	-0.0994	-2.0641	0.0346
766	SLU 50	0.22	1.88	77.05	-0.0983	-2.0475	0.0344
766	SLU 51	0.22	1.93	77.09	-0.0984	-2.0492	0.0342
766	SLU 52	0.23	2.16	83.42	-0.1042	-2.2297	0.0352
766	SLU 53	0.24	2.12	84.71	-0.1061	-2.2639	0.0361
766	SLU 54	0.24	2.17	84.75	-0.1062	-2.2656	0.0359
766	SLU 55	0.24	2.18	84.26	-0.1052	-2.2518	0.0354
766	SLU 56	0.25	2.14	85.55	-0.1071	-2.286	0.0364
766	SLU 57	0.24	2.19	85.58	-0.1072	-2.2876	0.0362
766	SLU 58	0.24	2.11	85.03	-0.1061	-2.271	0.036
766	SLU 59	0.24	2.16	85.07	-0.1062	-2.2727	0.0358
766	SLU 60	0.24	2.16	86.78	-0.1074	-2.3227	0.0361
766	SLU 61	0.24	2.22	86.81	-0.1075	-2.3244	0.0359
766	SLU 62	0.25	2.18	87.62	-0.1084	-2.3448	0.0364



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
766	SLU 63	0.25	2.24	87.65	-0.1085	-2.3465	0.0362
766	SLU 64	0.23	2.15	82.94	-0.0998	-2.2354	0.0368
766	SLU 65	0.23	2.24	83.01	-0.1	-2.2383	0.0365
766	SLU 66	0.24	2.2	84.3	-0.1018	-2.2724	0.0374
766	SLU 67	0.24	2.26	84.33	-0.1019	-2.2741	0.0373
766	SLU 68	0.23	2.26	83.85	-0.101	-2.2603	0.0368
766	SLU 69	0.24	2.23	85.13	-0.1028	-2.2945	0.0377
766	SLU 70	0.24	2.28	85.17	-0.1029	-2.2962	0.0376
766	SLU 71	0.24	2.19	84.62	-0.1018	-2.2796	0.0373
766	SLU 72	0.24	2.25	84.66	-0.1019	-2.2813	0.0372
766	SLU 73	0.25	2.47	90.99	-0.1077	-2.4618	0.0381
766	SLU 74	0.26	2.43	92.28	-0.1096	-2.4959	0.039
766	SLU 75	0.26	2.48	92.32	-0.1097	-2.4976	0.0389
766	SLU 76	0.26	2.49	91.83	-0.1087	-2.4838	0.0384
766	SLU 77	0.27	2.45	93.12	-0.1106	-2.518	0.0393
766	SLU 78	0.27	2.5	93.16	-0.1107	-2.5197	0.0392
766	SLU 79	0.27	2.42	92.6	-0.1096	-2.5031	0.0389
766	SLU 80	0.27	2.47	92.64	-0.1097	-2.5048	0.0388
766	SLU 81	0.26	2.48	94.35	-0.1109	-2.5547	0.039
766	SLU 82	0.26	2.53	94.39	-0.111	-2.5564	0.0389
766	SLU 83	0.27	2.5	95.19	-0.1119	-2.5768	0.0393
766	SLU 84	0.27	2.55	95.23	-0.112	-2.5785	0.0392
766	SLE RA 1	0.17	1.59	62.14	-0.076	-1.6686	0.0276
766	SLE RA 2	0.17	1.65	62.18	-0.0761	-1.6704	0.0275
766	SLE RA 3	0.18	1.62	63.04	-0.0773	-1.6932	0.0281
766	SLE RA 4	0.18	1.66	63.07	-0.0774	-1.6943	0.028
766	SLE RA 5	0.17	1.66	62.74	-0.0768	-1.6852	0.0277
766	SLE RA 6	0.18	1.64	63.6	-0.078	-1.7079	0.0283
766	SLE RA 7	0.18	1.67	63.62	-0.0781	-1.7091	0.0282
766	SLE RA 8	0.18	1.61	63.26	-0.0773	-1.698	0.028
766	SLE RA 9	0.18	1.65	63.28	-0.0774	-1.6991	0.0279
766	SLE RA 10	0.19	1.8	67.5	-0.0813	-1.8195	0.0285
766	SLE RA 11	0.19	1.77	68.36	-0.0825	-1.8422	0.0291
766	SLE RA 12	0.19	1.81	68.39	-0.0826	-1.8434	0.029
766	SLE RA 13	0.19	1.81	68.06	-0.082	-1.8342	0.0287
766	SLE RA 14	0.2	1.79	68.92	-0.0832	-1.8569	0.0293
766	SLE RA 15	0.2	1.82	68.95	-0.0833	-1.8581	0.0292
766	SLE RA 16	0.2	1.76	68.58	-0.0825	-1.847	0.0291
766	SLE RA 17	0.2	1.8	68.6	-0.0826	-1.8481	0.029
766	SLE RA 18	0.2	1.8	69.74	-0.0834	-1.8814	0.0291
766	SLE RA 19	0.19	1.84	69.77	-0.0834	-1.8826	0.029
766	SLE RA 20	0.2	1.82	70.3	-0.0841	-1.8962	0.0293
766	SLE RA 21	0.2	1.85	70.33	-0.0841	-1.8973	0.0292
766	SLE FR 1	0.17	1.59	62.14	-0.076	-1.6686	0.0276
766	SLE FR 2	0.17	1.6	62.15	-0.076	-1.6689	0.0276
766	SLE FR 3	0.17	1.59	62.36	-0.0763	-1.6745	0.0277
766	SLE FR 4	0.18	1.66	64.43	-0.0782	-1.7328	0.0281
766	SLE FR 5	0.18	1.66	64.64	-0.0785	-1.7383	0.0282
766	SLE FR 6	0.18	1.69	65.94	-0.0797	-1.775	0.0284
766	SLE QP 1	0.17	1.59	62.14	-0.076	-1.6686	0.0276
766	SLE QP 2	0.18	1.65	64.42	-0.0782	-1.7324	0.0281
766	SLD 1	5.68	2.31	62.05	-0.0927	-1.5161	0.048
766	SLD 2	5.54	2.53	62.18	-0.0924	-1.5193	0.0576
766	SLD 3	5.6	0.23	61.38	-0.0964	-1.4618	0.0463
766	SLD 4	5.46	0.46	61.51	-0.0961	-1.465	0.0559
766	SLD 5	1.97	4.95	64.7	-0.0771	-1.7494	0.0348
766	SLD 6	1.88	5.1	64.79	-0.0769	-1.7515	0.0412
766	SLD 7	1.71	-1.96	62.47	-0.0892	-1.5683	0.0293
766	SLD 8	1.61	-1.81	62.55	-0.089	-1.5704	0.0357
766	SLD 9	-1.26	5.12	66.29	-0.0674	-1.8945	0.0205
766	SLD 10	-1.35	5.26	66.37	-0.0672	-1.8966	0.0268
766	SLD 11	-1.53	-1.8	64.05	-0.0795	-1.7134	0.015
766	SLD 12	-1.62	-1.65	64.14	-0.0793	-1.7155	0.0213
766	SLD 13	-5.1	2.85	67.33	-0.0603	-1.9999	0.0002
766	SLD 14	-5.24	3.07	67.46	-0.06	-2.0031	0.0099
766	SLD 15	-5.18	0.77	66.66	-0.064	-1.9456	-0.0014
766	SLD 16	-5.32	1	66.79	-0.0637	-1.9487	0.0082
766	SLV 1	13.04	3.1	58.83	-0.1124	-1.2241	0.0746
766	SLV 2	12.72	3.62	59.13	-0.1117	-1.2315	0.097
766	SLV 3	12.86	-1.6	57.31	-0.1207	-1.1011	0.0708
766	SLV 4	12.53	-1.08	57.61	-0.12	-1.1085	0.0932
766	SLV 5	4.37	9.12	64.99	-0.076	-1.7652	0.0439
766	SLV 6	4.16	9.46	65.19	-0.0756	-1.77	0.0584
766	SLV 7	3.76	-6.54	59.93	-0.1036	-1.3552	0.0312
766	SLV 8	3.55	-6.21	60.13	-0.1032	-1.36	0.0457
766	SLV 9	-3.2	9.51	68.71	-0.0532	-2.1049	0.0104
766	SLV 10	-3.41	9.85	68.91	-0.0528	-2.1097	0.025
766	SLV 11	-3.8	-6.16	63.65	-0.0808	-1.6949	-0.0023
766	SLV 12	-4.01	-5.82	63.84	-0.0804	-1.6996	0.0122
766	SLV 13	-12.18	4.39	71.22	-0.0364	-2.3564	-0.037
766	SLV 14	-12.5	4.9	71.53	-0.0357	-2.3638	-0.0146
766	SLV 15	-12.36	-0.31	69.71	-0.0447	-2.2334	-0.0408
766	SLV 16	-12.69	0.2	70.01	-0.044	-2.2408	-0.0184
766	CRTFP Ux+	0	0	0	0	0	0
766	CRTFP Ux-	0	0	0	0	0	0
769	SLU 1	-1.01	-0.92	64.93	0.0001	-0.3302	0.0065
769	SLU 2	-1.01	-0.82	64.99	0	-0.3281	0.0069
769	SLU 3	-1.04	-0.93	66.51	0.0004	-0.3399	0.0067
769	SLU 4	-1.04	-0.87	66.55	0.0003	-0.3386	0.0069



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
769	SLU 5	-1.03	-0.83	65.93	0.0001	-0.3325	0.0069
769	SLU 6	-1.06	-0.95	67.46	0.0005	-0.3443	0.0067
769	SLU 7	-1.06	-0.88	67.49	0.0004	-0.343	0.0069
769	SLU 8	-1.05	-0.94	66.82	0.0004	-0.339	0.0066
769	SLU 9	-1.05	-0.88	66.85	0.0003	-0.3378	0.0068
769	SLU 10	-1.06	-0.84	73.21	0.0006	-0.3831	0.0083
769	SLU 11	-1.08	-0.96	74.74	0.001	-0.3949	0.0081
769	SLU 12	-1.09	-0.89	74.77	0.0009	-0.3937	0.0083
769	SLU 13	-1.08	-0.85	74.16	0.0007	-0.3875	0.0083
769	SLU 14	-1.1	-0.97	75.69	0.0011	-0.3993	0.0081
769	SLU 15	-1.1	-0.91	75.72	0.001	-0.3981	0.0083
769	SLU 16	-1.09	-0.97	75.05	0.001	-0.3941	0.008
769	SLU 17	-1.09	-0.91	75.08	0.0009	-0.3928	0.0082
769	SLU 18	-1.08	-0.95	76.68	0.001	-0.4088	0.0085
769	SLU 19	-1.08	-0.89	76.72	0.0009	-0.4076	0.0087
769	SLU 20	-1.09	-0.96	77.63	0.0011	-0.4132	0.0085
769	SLU 21	-1.1	-0.9	77.66	0.001	-0.412	0.0087
769	SLU 22	-1.1	-0.91	73.01	0.0015	-0.3818	0.0072
769	SLU 23	-1.1	-0.81	73.06	0.0014	-0.3797	0.0076
769	SLU 24	-1.13	-0.93	74.59	0.0018	-0.3915	0.0074
769	SLU 25	-1.13	-0.87	74.62	0.0017	-0.3903	0.0076
769	SLU 26	-1.12	-0.83	74.01	0.0015	-0.3842	0.0076
769	SLU 27	-1.14	-0.94	75.53	0.0019	-0.396	0.0074
769	SLU 28	-1.15	-0.88	75.57	0.0018	-0.3947	0.0076
769	SLU 29	-1.13	-0.94	74.9	0.0018	-0.3907	0.0072
769	SLU 30	-1.14	-0.88	74.93	0.0017	-0.3894	0.0075
769	SLU 31	-1.15	-0.84	81.29	0.002	-0.4348	0.009
769	SLU 32	-1.17	-0.95	82.82	0.0024	-0.4466	0.0088
769	SLU 33	-1.17	-0.89	82.85	0.0023	-0.4453	0.009
769	SLU 34	-1.17	-0.85	82.23	0.0021	-0.4392	0.009
769	SLU 35	-1.19	-0.96	83.76	0.0025	-0.451	0.0088
769	SLU 36	-1.19	-0.9	83.8	0.0024	-0.4498	0.009
769	SLU 37	-1.18	-0.96	83.12	0.0024	-0.4457	0.0086
769	SLU 38	-1.18	-0.9	83.16	0.0023	-0.4445	0.0089
769	SLU 39	-1.17	-0.95	84.76	0.0024	-0.4605	0.0092
769	SLU 40	-1.17	-0.88	84.79	0.0023	-0.4592	0.0094
769	SLU 41	-1.18	-0.96	85.71	0.0025	-0.4649	0.0092
769	SLU 42	-1.18	-0.9	85.74	0.0024	-0.4637	0.0094
769	SLU 43	-1.28	-1.2	81.64	-0.0003	-0.4115	0.0082
769	SLU 44	-1.29	-1.1	81.7	-0.0005	-0.4094	0.0086
769	SLU 45	-1.31	-1.21	83.22	0	-0.4212	0.0084
769	SLU 46	-1.31	-1.15	83.26	-0.0001	-0.4199	0.0086
769	SLU 47	-1.3	-1.11	82.64	-0.0003	-0.4138	0.0086
769	SLU 48	-1.33	-1.22	84.17	0.0001	-0.4256	0.0084
769	SLU 49	-1.33	-1.16	84.2	0	-0.4244	0.0087
769	SLU 50	-1.32	-1.22	83.53	-0.0001	-0.4203	0.0083
769	SLU 51	-1.32	-1.16	83.56	-0.0002	-0.4191	0.0085
769	SLU 52	-1.33	-1.12	89.92	0.0001	-0.4645	0.01
769	SLU 53	-1.36	-1.23	91.45	0.0005	-0.4762	0.0098
769	SLU 54	-1.36	-1.17	91.48	0.0004	-0.475	0.01
769	SLU 55	-1.35	-1.13	90.87	0.0002	-0.4689	0.01
769	SLU 56	-1.37	-1.25	92.4	0.0006	-0.4807	0.0098
769	SLU 57	-1.38	-1.19	92.43	0.0005	-0.4794	0.0101
769	SLU 58	-1.36	-1.25	91.76	0.0005	-0.4754	0.0097
769	SLU 59	-1.37	-1.19	91.79	0.0004	-0.4741	0.0099
769	SLU 60	-1.35	-1.23	93.39	0.0005	-0.4901	0.0102
769	SLU 61	-1.35	-1.17	93.43	0.0004	-0.4889	0.0104
769	SLU 62	-1.37	-1.24	94.34	0.0006	-0.4946	0.0102
769	SLU 63	-1.37	-1.18	94.37	0.0005	-0.4933	0.0105
769	SLU 64	-1.37	-1.19	89.72	0.0011	-0.4632	0.0089
769	SLU 65	-1.38	-1.09	89.77	0.0009	-0.4611	0.0093
769	SLU 66	-1.4	-1.2	91.3	0.0014	-0.4729	0.0091
769	SLU 67	-1.4	-1.14	91.33	0.0013	-0.4716	0.0093
769	SLU 68	-1.39	-1.1	90.72	0.0011	-0.4655	0.0093
769	SLU 69	-1.42	-1.22	92.25	0.0015	-0.4773	0.0091
769	SLU 70	-1.42	-1.16	92.28	0.0014	-0.476	0.0094
769	SLU 71	-1.41	-1.22	91.61	0.0013	-0.472	0.009
769	SLU 72	-1.41	-1.16	91.64	0.0012	-0.4708	0.0092
769	SLU 73	-1.42	-1.11	98	0.0015	-0.5161	0.0107
769	SLU 74	-1.45	-1.23	99.53	0.0019	-0.5279	0.0105
769	SLU 75	-1.45	-1.17	99.56	0.0018	-0.5267	0.0107
769	SLU 76	-1.44	-1.13	98.94	0.0016	-0.5206	0.0107
769	SLU 77	-1.46	-1.24	100.47	0.0021	-0.5323	0.0105
769	SLU 78	-1.46	-1.18	100.51	0.002	-0.5311	0.0107
769	SLU 79	-1.45	-1.24	99.84	0.0019	-0.5271	0.0104
769	SLU 80	-1.45	-1.18	99.87	0.0018	-0.5258	0.0106
769	SLU 81	-1.44	-1.22	101.47	0.0019	-0.5418	0.0109
769	SLU 82	-1.44	-1.16	101.5	0.0018	-0.5406	0.0111
769	SLU 83	-1.46	-1.24	102.42	0.002	-0.5462	0.0109
769	SLU 84	-1.46	-1.18	102.45	0.0019	-0.545	0.0112
769	SLE RA 1	-1.04	-0.92	67.24	0.0005	-0.3449	0.0067
769	SLE RA 2	-1.04	-0.85	67.27	0.0004	-0.3435	0.007
769	SLE RA 3	-1.05	-0.93	68.29	0.0007	-0.3514	0.0068
769	SLE RA 4	-1.06	-0.89	68.32	0.0006	-0.3506	0.007
769	SLE RA 5	-1.05	-0.86	67.9	0.0005	-0.3465	0.007
769	SLE RA 6	-1.07	-0.93	68.92	0.0008	-0.3543	0.0069
769	SLE RA 7	-1.07	-0.89	68.95	0.0007	-0.3535	0.007
769	SLE RA 8	-1.06	-0.93	68.5	0.0007	-0.3508	0.0067
769	SLE RA 9	-1.06	-0.89	68.52	0.0006	-0.35	0.0069



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
769	SLE RA 10	-1.07	-0.87	72.76	0.0008	-0.3802	0.0079
769	SLE RA 11	-1.09	-0.94	73.78	0.0011	-0.3881	0.0078
769	SLE RA 12	-1.09	-0.9	73.8	0.001	-0.3873	0.0079
769	SLE RA 13	-1.08	-0.87	73.39	0.0009	-0.3832	0.0079
769	SLE RA 14	-1.1	-0.95	74.41	0.0012	-0.391	0.0078
769	SLE RA 15	-1.1	-0.91	74.43	0.0011	-0.3902	0.0079
769	SLE RA 16	-1.09	-0.95	73.98	0.0011	-0.3875	0.0077
769	SLE RA 17	-1.09	-0.91	74.01	0.001	-0.3867	0.0078
769	SLE RA 18	-1.08	-0.94	75.07	0.0011	-0.3974	0.008
769	SLE RA 19	-1.08	-0.9	75.1	0.001	-0.3965	0.0082
769	SLE RA 20	-1.09	-0.95	75.7	0.0012	-0.4003	0.0081
769	SLE RA 21	-1.09	-0.91	75.73	0.0011	-0.3995	0.0082
769	SLE FR 1	-1.04	-0.92	67.24	0.0005	-0.3449	0.0067
769	SLE FR 2	-1.04	-0.9	67.25	0.0005	-0.3447	0.0068
769	SLE FR 3	-1.04	-0.92	67.49	0.0006	-0.3461	0.0067
769	SLE FR 4	-1.05	-0.91	69.6	0.0007	-0.3604	0.0072
769	SLE FR 5	-1.05	-0.93	69.84	0.0007	-0.3618	0.0071
769	SLE FR 6	-1.06	-0.93	71.16	0.0008	-0.3711	0.0074
769	SLE QP 1	-1.04	-0.92	67.24	0.0005	-0.3449	0.0067
769	SLE QP 2	-1.05	-0.92	69.59	0.0007	-0.3607	0.0071
769	SLD 1	4.36	-0.63	74.65	-0.0179	-0.3914	0.003
769	SLD 2	4.18	-1.1	75.08	-0.0136	-0.3835	0.0143
769	SLD 3	4.28	-2.39	74.8	-0.0118	-0.4584	0.0051
769	SLD 4	4.1	-2.86	75.23	-0.0075	-0.4505	0.0163
769	SLD 5	0.72	1.91	70.81	-0.015	-0.2697	0.0007
769	SLD 6	0.6	1.6	71.08	-0.0121	-0.2645	0.0082
769	SLD 7	0.47	-3.94	71.3	0.0055	-0.493	0.0076
769	SLD 8	0.35	-4.25	71.58	0.0084	-0.4878	0.015
769	SLD 9	-2.45	2.4	67.59	-0.0069	-0.2335	-0.0008
769	SLD 10	-2.57	2.09	67.87	-0.0041	-0.2283	0.0066
769	SLD 11	-2.7	-3.45	68.09	0.0136	-0.4569	0.0061
769	SLD 12	-2.82	-3.76	68.37	0.0164	-0.4517	0.0135
769	SLD 13	-6.2	1.01	63.95	0.0089	-0.2708	-0.0021
769	SLD 14	-6.38	0.54	64.37	0.0132	-0.2629	0.0092
769	SLD 15	-6.28	-0.75	64.1	0.015	-0.3378	0
769	SLD 16	-6.46	-1.22	64.52	0.0193	-0.3299	0.0112
769	SLV 1	11.6	-0.31	81.46	-0.0426	-0.4351	-0.0024
769	SLV 2	11.18	-1.4	82.45	-0.0326	-0.4167	0.0239
769	SLV 3	11.43	-4.28	81.8	-0.0287	-0.5872	0.0023
769	SLV 4	11.01	-5.38	82.79	-0.0187	-0.5688	0.0285
769	SLV 5	3.07	5.48	72.46	-0.0351	-0.1555	-0.0074
769	SLV 6	2.8	4.77	73.1	-0.0286	-0.1436	0.0096
769	SLV 7	2.51	-7.77	73.6	0.0112	-0.6625	0.0082
769	SLV 8	2.24	-8.48	74.24	0.0177	-0.6506	0.0252
769	SLV 9	-4.34	6.63	64.93	-0.0163	-0.0707	-0.0109
769	SLV 10	-4.61	5.92	65.57	-0.0098	-0.0588	0.006
769	SLV 11	-4.9	-6.62	66.08	0.03	-0.5777	0.0046
769	SLV 12	-5.17	-7.33	66.72	0.0365	-0.5658	0.0216
769	SLV 13	-13.11	3.53	56.38	0.0201	-0.1525	-0.0143
769	SLV 14	-13.53	2.44	57.37	0.0302	-0.1341	0.0119
769	SLV 15	-13.28	-0.45	56.73	0.034	-0.3046	-0.0096
769	SLV 16	-13.7	-1.54	57.72	0.044	-0.2862	0.0166
769	CRTFP Ux+	0	0	0	0	0	0
769	CRTFP Ux-	0	0	0	0	0	0
769	CRTFP Uy+	0	0	0	0	0	0
769	CRTFP Uy-	0	0	0	0	0	0
771	SLU 1	-0.46	0.54	32.13	-0.0389	-3.7866	0.1354
771	SLU 2	-0.46	0.64	32.15	-0.0388	-3.789	0.16
771	SLU 3	-0.47	0.56	32.89	-0.0399	-3.8682	0.1394
771	SLU 4	-0.47	0.62	32.91	-0.0398	-3.8696	0.1542
771	SLU 5	-0.47	0.65	32.62	-0.0395	-3.8388	0.163
771	SLU 6	-0.48	0.57	33.36	-0.0405	-3.918	0.1424
771	SLU 7	-0.48	0.63	33.38	-0.0405	-3.9194	0.1572
771	SLU 8	-0.48	0.56	33.07	-0.0401	-3.8862	0.1414
771	SLU 9	-0.47	0.62	33.08	-0.0401	-3.8876	0.1561
771	SLU 10	-0.48	0.75	35.84	-0.0437	-4.1983	0.1893
771	SLU 11	-0.49	0.67	36.58	-0.0447	-4.2775	0.1687
771	SLU 12	-0.49	0.73	36.6	-0.0447	-4.2789	0.1835
771	SLU 13	-0.49	0.77	36.31	-0.0443	-4.2481	0.1923
771	SLU 14	-0.5	0.68	37.05	-0.0453	-4.3273	0.1717
771	SLU 15	-0.5	0.74	37.07	-0.0453	-4.3287	0.1865
771	SLU 16	-0.5	0.68	36.76	-0.045	-4.2955	0.1706
771	SLU 17	-0.5	0.74	36.77	-0.0449	-4.2969	0.1854
771	SLU 18	-0.49	0.71	37.4	-0.0458	-4.3713	0.1772
771	SLU 19	-0.49	0.77	37.41	-0.0458	-4.3727	0.192
771	SLU 20	-0.5	0.72	37.87	-0.0464	-4.4211	0.1802
771	SLU 21	-0.5	0.78	37.88	-0.0464	-4.4225	0.195
771	SLU 22	-0.5	0.65	35.87	-0.0436	-4.1972	0.1621
771	SLU 23	-0.49	0.74	35.89	-0.0436	-4.1996	0.1868
771	SLU 24	-0.51	0.66	36.63	-0.0446	-4.2788	0.1662
771	SLU 25	-0.51	0.72	36.65	-0.0446	-4.2802	0.181
771	SLU 26	-0.5	0.76	36.36	-0.0442	-4.2494	0.1897
771	SLU 27	-0.52	0.67	37.1	-0.0452	-4.3286	0.1692
771	SLU 28	-0.51	0.73	37.11	-0.0452	-4.33	0.1839
771	SLU 29	-0.51	0.67	36.81	-0.0448	-4.2968	0.1681
771	SLU 30	-0.51	0.73	36.82	-0.0448	-4.2982	0.1829
771	SLU 31	-0.52	0.86	39.58	-0.0484	-4.6089	0.216
771	SLU 32	-0.53	0.78	40.32	-0.0494	-4.6881	0.1954
771	SLU 33	-0.53	0.84	40.34	-0.0494	-4.6896	0.2102



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
771	SLU 34	-0.52	0.87	40.05	-0.049	-4.6587	0.219
771	SLU 35	-0.54	0.79	40.79	-0.0501	-4.7379	0.1984
771	SLU 36	-0.53	0.85	40.8	-0.05	-4.7394	0.2132
771	SLU 37	-0.53	0.79	40.5	-0.0497	-4.7061	0.1974
771	SLU 38	-0.53	0.85	40.51	-0.0497	-4.7075	0.2121
771	SLU 39	-0.53	0.81	41.14	-0.0505	-4.7819	0.2039
771	SLU 40	-0.53	0.87	41.15	-0.0505	-4.7834	0.2187
771	SLU 41	-0.54	0.82	41.61	-0.0511	-4.8317	0.2069
771	SLU 42	-0.53	0.88	41.62	-0.0511	-4.8331	0.2217
771	SLU 43	-0.59	0.67	40.49	-0.0489	-4.7818	0.1669
771	SLU 44	-0.59	0.76	40.51	-0.0489	-4.7842	0.1915
771	SLU 45	-0.6	0.68	41.25	-0.0499	-4.8634	0.1709
771	SLU 46	-0.6	0.74	41.26	-0.0499	-4.8648	0.1857
771	SLU 47	-0.59	0.78	40.98	-0.0495	-4.8339	0.1945
771	SLU 48	-0.61	0.69	41.72	-0.0505	-4.9132	0.1739
771	SLU 49	-0.6	0.75	41.73	-0.0505	-4.9146	0.1887
771	SLU 50	-0.6	0.69	41.42	-0.0502	-4.8814	0.1728
771	SLU 51	-0.6	0.75	41.44	-0.0501	-4.8828	0.1876
771	SLU 52	-0.61	0.88	44.2	-0.0537	-5.1935	0.2208
771	SLU 53	-0.62	0.8	44.94	-0.0548	-5.2727	0.2002
771	SLU 54	-0.62	0.86	44.95	-0.0547	-5.2741	0.2149
771	SLU 55	-0.61	0.89	44.67	-0.0544	-5.2433	0.2237
771	SLU 56	-0.63	0.81	45.41	-0.0554	-5.3225	0.2031
771	SLU 57	-0.63	0.87	45.42	-0.0554	-5.3239	0.2179
771	SLU 58	-0.62	0.81	45.11	-0.055	-5.2907	0.2021
771	SLU 59	-0.62	0.86	45.13	-0.055	-5.2921	0.2169
771	SLU 60	-0.62	0.83	45.76	-0.0558	-5.3665	0.2087
771	SLU 61	-0.62	0.89	45.77	-0.0558	-5.3679	0.2234
771	SLU 62	-0.63	0.84	46.23	-0.0565	-5.4163	0.2116
771	SLU 63	-0.62	0.9	46.24	-0.0565	-5.4177	0.2264
771	SLU 64	-0.63	0.77	44.23	-0.0536	-5.1924	0.1936
771	SLU 65	-0.62	0.87	44.25	-0.0536	-5.1948	0.2182
771	SLU 66	-0.64	0.79	44.99	-0.0546	-5.274	0.1976
771	SLU 67	-0.63	0.85	45	-0.0546	-5.2754	0.2124
771	SLU 68	-0.63	0.88	44.72	-0.0542	-5.2446	0.2212
771	SLU 69	-0.64	0.8	45.46	-0.0553	-5.3238	0.2006
771	SLU 70	-0.64	0.86	45.47	-0.0552	-5.3252	0.2154
771	SLU 71	-0.64	0.8	45.16	-0.0549	-5.292	0.1995
771	SLU 72	-0.64	0.86	45.18	-0.0549	-5.2934	0.2143
771	SLU 73	-0.64	0.99	47.94	-0.0585	-5.6041	0.2475
771	SLU 74	-0.66	0.9	48.68	-0.0595	-5.6833	0.2269
771	SLU 75	-0.65	0.96	48.69	-0.0595	-5.6848	0.2417
771	SLU 76	-0.65	1	48.41	-0.0591	-5.6539	0.2505
771	SLU 77	-0.66	0.92	49.15	-0.0601	-5.7331	0.2299
771	SLU 78	-0.66	0.98	49.16	-0.0601	-5.7345	0.2447
771	SLU 79	-0.66	0.91	48.85	-0.0597	-5.7013	0.2288
771	SLU 80	-0.66	0.97	48.87	-0.0597	-5.7027	0.2436
771	SLU 81	-0.66	0.94	49.5	-0.0606	-5.7771	0.2354
771	SLU 82	-0.65	1	49.51	-0.0605	-5.7785	0.2502
771	SLU 83	-0.66	0.95	49.97	-0.0612	-5.8269	0.2384
771	SLU 84	-0.66	1.01	49.98	-0.0612	-5.8283	0.2532
771	SLE RA 1	-0.47	0.57	33.2	-0.0402	-3.9039	0.143
771	SLE RA 2	-0.47	0.64	33.21	-0.0402	-3.9055	0.1595
771	SLE RA 3	-0.48	0.58	33.71	-0.0409	-3.9583	0.1457
771	SLE RA 4	-0.48	0.62	33.72	-0.0409	-3.9593	0.1556
771	SLE RA 5	-0.48	0.64	33.52	-0.0406	-3.9387	0.1614
771	SLE RA 6	-0.49	0.59	34.02	-0.0413	-3.9915	0.1477
771	SLE RA 7	-0.48	0.63	34.03	-0.0413	-3.9925	0.1576
771	SLE RA 8	-0.48	0.59	33.82	-0.041	-3.9703	0.147
771	SLE RA 9	-0.48	0.63	33.83	-0.041	-3.9712	0.1569
771	SLE RA 10	-0.48	0.71	35.67	-0.0434	-4.1784	0.179
771	SLE RA 11	-0.49	0.66	36.17	-0.0441	-4.2312	0.1652
771	SLE RA 12	-0.49	0.7	36.18	-0.0441	-4.2321	0.1751
771	SLE RA 13	-0.49	0.72	35.98	-0.0438	-4.2116	0.181
771	SLE RA 14	-0.5	0.67	36.48	-0.0445	-4.2644	0.1672
771	SLE RA 15	-0.5	0.71	36.49	-0.0445	-4.2653	0.1771
771	SLE RA 16	-0.5	0.66	36.28	-0.0443	-4.2432	0.1665
771	SLE RA 17	-0.5	0.7	36.29	-0.0443	-4.2441	0.1764
771	SLE RA 18	-0.49	0.68	36.71	-0.0448	-4.2937	0.1709
771	SLE RA 19	-0.49	0.72	36.72	-0.0448	-4.2947	0.1808
771	SLE RA 20	-0.5	0.69	37.02	-0.0453	-4.3269	0.1729
771	SLE RA 21	-0.5	0.73	37.03	-0.0452	-4.3279	0.1827
771	SLE FR 1	-0.47	0.57	33.2	-0.0402	-3.9039	0.143
771	SLE FR 2	-0.47	0.58	33.2	-0.0402	-3.9042	0.1463
771	SLE FR 3	-0.48	0.57	33.32	-0.0404	-3.9172	0.1438
771	SLE FR 4	-0.48	0.62	34.26	-0.0416	-4.0212	0.1547
771	SLE FR 5	-0.48	0.61	34.38	-0.0418	-4.0341	0.1522
771	SLE FR 6	-0.48	0.63	34.96	-0.0425	-4.0988	0.157
771	SLE QP 1	-0.47	0.57	33.2	-0.0402	-3.9039	0.143
771	SLE QP 2	-0.48	0.6	34.25	-0.0416	-4.0208	0.1514
771	SLD 1	2.03	1.28	43.17	-0.0562	-5.0043	0.3196
771	SLD 2	1.9	0.72	43.35	-0.0547	-5.0049	0.1814
771	SLD 3	1.95	-0.07	43.32	-0.0538	-4.9788	-0.0182
771	SLD 4	1.82	-0.63	43.5	-0.0524	-4.9795	-0.1564
771	SLD 5	0.43	2.95	36.67	-0.0498	-4.3544	0.7391
771	SLD 6	0.34	2.59	36.79	-0.0489	-4.3548	0.648
771	SLD 7	0.14	-1.55	37.16	-0.0419	-4.2695	-0.3871
771	SLD 8	0.06	-1.91	37.28	-0.041	-4.2699	-0.4781
771	SLD 9	-1.02	3.12	31.22	-0.0422	-3.7718	0.7809



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
771	SLD 10	-1.1	2.75	31.34	-0.0413	-3.7722	0.6899
771	SLD 11	-1.3	-1.38	31.72	-0.0343	-3.6869	-0.3452
771	SLD 12	-1.38	-1.74	31.83	-0.0334	-3.6873	-0.4363
771	SLD 13	-2.78	1.84	25.01	-0.0308	-3.0622	0.4592
771	SLD 14	-2.91	1.28	25.19	-0.0294	-3.0629	0.321
771	SLD 15	-2.86	0.49	25.16	-0.0285	-3.0368	0.1214
771	SLD 16	-2.99	-0.07	25.34	-0.027	-3.0374	-0.0169
771	SLV 1	5.39	2.12	55.13	-0.0756	-6.3222	0.5312
771	SLV 2	5.09	0.83	55.55	-0.0723	-6.3238	0.2093
771	SLV 3	5.2	-0.93	55.47	-0.0702	-6.2641	-0.2341
771	SLV 4	4.9	-2.23	55.89	-0.0669	-6.2657	-0.556
771	SLV 5	1.63	5.92	39.93	-0.0605	-4.7992	1.482
771	SLV 6	1.43	5.08	40.2	-0.0584	-4.8002	1.2737
771	SLV 7	0.99	-4.27	41.05	-0.0426	-4.6053	-1.0692
771	SLV 8	0.79	-5.11	41.33	-0.0405	-4.6064	-1.2775
771	SLV 9	-1.75	6.31	27.18	-0.0427	-3.4353	1.5803
771	SLV 10	-1.94	5.48	27.45	-0.0406	-3.4364	1.372
771	SLV 11	-2.39	-3.88	28.3	-0.0249	-3.2415	-0.9709
771	SLV 12	-2.58	-4.71	28.57	-0.0227	-3.2425	-1.1792
771	SLV 13	-5.86	3.43	12.62	-0.0163	-1.776	0.8588
771	SLV 14	-6.16	2.14	13.04	-0.013	-1.7776	0.5369
771	SLV 15	-6.05	0.38	12.95	-0.0109	-1.7179	0.0935
771	SLV 16	-6.35	-0.92	13.38	-0.0076	-1.7195	-0.2284
771	CRTFP Ux+	0	0	0	0	0	0
771	CRTFP Ux-	0	0	0	0	0	0
771	CRTFP Uy+	0	0	0	0	0	0
771	CRTFP Uy-	0	0	0	0	0	0
774	SLU 1	0.56	0.44	36.29	-0.0605	6.9122	-0.1524
774	SLU 2	0.56	0.55	36.31	-0.0605	6.9175	-0.1907
774	SLU 3	0.58	0.44	37.15	-0.0621	7.061	-0.1542
774	SLU 4	0.58	0.51	37.16	-0.0621	7.0642	-0.1772
774	SLU 5	0.57	0.55	36.84	-0.0615	7.0094	-0.1904
774	SLU 6	0.59	0.44	37.67	-0.0631	7.1529	-0.1538
774	SLU 7	0.59	0.51	37.69	-0.0631	7.1561	-0.1768
774	SLU 8	0.59	0.44	37.34	-0.0625	7.0959	-0.1517
774	SLU 9	0.58	0.5	37.36	-0.0625	7.0991	-0.1747
774	SLU 10	0.58	0.67	40.45	-0.0682	7.6604	-0.2345
774	SLU 11	0.61	0.57	41.29	-0.0698	7.8039	-0.1979
774	SLU 12	0.6	0.63	41.3	-0.0698	7.8071	-0.2209
774	SLU 13	0.59	0.67	40.98	-0.0692	7.7523	-0.2342
774	SLU 14	0.62	0.57	41.81	-0.0708	7.8958	-0.1976
774	SLU 15	0.61	0.63	41.82	-0.0708	7.899	-0.2206
774	SLU 16	0.61	0.56	41.48	-0.0702	7.8388	-0.1955
774	SLU 17	0.61	0.63	41.49	-0.0702	7.842	-0.2185
774	SLU 18	0.6	0.62	42.2	-0.0715	7.9735	-0.2149
774	SLU 19	0.6	0.68	42.21	-0.0715	7.9767	-0.2379
774	SLU 20	0.61	0.61	42.73	-0.0725	8.0654	-0.2146
774	SLU 21	0.61	0.68	42.74	-0.0725	8.0686	-0.2376
774	SLU 22	0.61	0.55	40.45	-0.068	7.6522	-0.1902
774	SLU 23	0.6	0.65	40.47	-0.068	7.6575	-0.2285
774	SLU 24	0.62	0.55	41.3	-0.0696	7.801	-0.192
774	SLU 25	0.62	0.62	41.31	-0.0696	7.8042	-0.215
774	SLU 26	0.61	0.65	40.99	-0.069	7.7494	-0.2282
774	SLU 27	0.64	0.55	41.83	-0.0706	7.8929	-0.1916
774	SLU 28	0.63	0.61	41.84	-0.0706	7.896	-0.2146
774	SLU 29	0.63	0.54	41.5	-0.07	7.8359	-0.1895
774	SLU 30	0.63	0.61	41.51	-0.07	7.8391	-0.2125
774	SLU 31	0.63	0.78	44.6	-0.0757	8.4004	-0.2723
774	SLU 32	0.65	0.68	45.44	-0.0773	8.5439	-0.2357
774	SLU 33	0.65	0.74	45.45	-0.0773	8.5471	-0.2587
774	SLU 34	0.64	0.78	45.13	-0.0767	8.4923	-0.272
774	SLU 35	0.66	0.67	45.97	-0.0783	8.6358	-0.2354
774	SLU 36	0.66	0.74	45.98	-0.0783	8.639	-0.2584
774	SLU 37	0.66	0.67	45.64	-0.0777	8.5788	-0.2333
774	SLU 38	0.65	0.73	45.65	-0.0777	8.582	-0.2563
774	SLU 39	0.65	0.72	46.36	-0.079	8.7135	-0.2527
774	SLU 40	0.64	0.79	46.37	-0.079	8.7167	-0.2757
774	SLU 41	0.66	0.72	46.89	-0.08	8.8054	-0.2524
774	SLU 42	0.65	0.79	46.9	-0.08	8.8085	-0.2754
774	SLU 43	0.72	0.53	45.75	-0.0761	8.7322	-0.1852
774	SLU 44	0.71	0.64	45.77	-0.0761	8.7375	-0.2235
774	SLU 45	0.73	0.54	46.61	-0.0777	8.881	-0.1869
774	SLU 46	0.73	0.6	46.62	-0.0777	8.8842	-0.2099
774	SLU 47	0.72	0.64	46.3	-0.0771	8.8294	-0.2232
774	SLU 48	0.74	0.54	47.14	-0.0787	8.9729	-0.1866
774	SLU 49	0.74	0.6	47.15	-0.0787	8.976	-0.2096
774	SLU 50	0.74	0.53	46.81	-0.0781	8.9159	-0.1845
774	SLU 51	0.74	0.59	46.82	-0.0781	8.9191	-0.2075
774	SLU 52	0.74	0.77	49.91	-0.0837	9.4804	-0.2673
774	SLU 53	0.76	0.66	50.75	-0.0853	9.6239	-0.2307
774	SLU 54	0.76	0.73	50.76	-0.0853	9.6271	-0.2537
774	SLU 55	0.75	0.76	50.44	-0.0847	9.5723	-0.2669
774	SLU 56	0.77	0.66	51.27	-0.0863	9.7158	-0.2304
774	SLU 57	0.77	0.73	51.29	-0.0863	9.7189	-0.2534
774	SLU 58	0.77	0.65	50.95	-0.0857	9.6588	-0.2283
774	SLU 59	0.76	0.72	50.96	-0.0857	9.662	-0.2513
774	SLU 60	0.75	0.71	51.67	-0.087	9.7935	-0.2477
774	SLU 61	0.75	0.78	51.68	-0.087	9.7967	-0.2707
774	SLU 62	0.77	0.71	52.19	-0.088	9.8853	-0.2474



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
774	SLU 63	0.76	0.77	52.2	-0.088	9.8885	-0.2704
774	SLU 64	0.76	0.64	49.91	-0.0836	9.4722	-0.223
774	SLU 65	0.75	0.75	49.93	-0.0836	9.4775	-0.2613
774	SLU 66	0.78	0.64	50.77	-0.0852	9.621	-0.2247
774	SLU 67	0.77	0.71	50.78	-0.0852	9.6242	-0.2477
774	SLU 68	0.77	0.75	50.46	-0.0846	9.5693	-0.2609
774	SLU 69	0.79	0.64	51.29	-0.0862	9.7128	-0.2244
774	SLU 70	0.79	0.71	51.3	-0.0862	9.716	-0.2474
774	SLU 71	0.78	0.64	50.96	-0.0856	9.6559	-0.2223
774	SLU 72	0.78	0.7	50.97	-0.0856	9.6591	-0.2453
774	SLU 73	0.78	0.87	54.07	-0.0913	10.2204	-0.3051
774	SLU 74	0.8	0.77	54.9	-0.0929	10.3639	-0.2685
774	SLU 75	0.8	0.83	54.92	-0.0929	10.3671	-0.2915
774	SLU 76	0.79	0.87	54.59	-0.0923	10.3122	-0.3047
774	SLU 77	0.82	0.77	55.43	-0.0939	10.4557	-0.2682
774	SLU 78	0.81	0.83	55.44	-0.0939	10.4589	-0.2912
774	SLU 79	0.81	0.76	55.1	-0.0933	10.3988	-0.266
774	SLU 80	0.81	0.83	55.11	-0.0933	10.402	-0.289
774	SLU 81	0.8	0.82	55.82	-0.0945	10.5335	-0.2855
774	SLU 82	0.8	0.88	55.83	-0.0945	10.5367	-0.3085
774	SLU 83	0.81	0.82	56.35	-0.0955	10.6253	-0.2852
774	SLU 84	0.81	0.88	56.36	-0.0955	10.6285	-0.3082
774	SLE RA 1	0.58	0.47	37.48	-0.0627	7.1237	-0.1632
774	SLE RA 2	0.57	0.54	37.49	-0.0627	7.1272	-0.1888
774	SLE RA 3	0.59	0.47	38.05	-0.0637	7.2229	-0.1644
774	SLE RA 4	0.58	0.52	38.06	-0.0637	7.225	-0.1797
774	SLE RA 5	0.58	0.54	37.84	-0.0633	7.1884	-0.1885
774	SLE RA 6	0.59	0.47	38.4	-0.0644	7.2841	-0.1642
774	SLE RA 7	0.59	0.51	38.41	-0.0644	7.2862	-0.1795
774	SLE RA 8	0.59	0.47	38.18	-0.064	7.2461	-0.1627
774	SLE RA 9	0.59	0.51	38.19	-0.064	7.2483	-0.1781
774	SLE RA 10	0.59	0.62	40.25	-0.0678	7.6225	-0.2179
774	SLE RA 11	0.6	0.55	40.81	-0.0688	7.7181	-0.1936
774	SLE RA 12	0.6	0.6	40.82	-0.0688	7.7203	-0.2089
774	SLE RA 13	0.6	0.62	40.6	-0.0684	7.6837	-0.2177
774	SLE RA 14	0.61	0.55	41.16	-0.0695	7.7794	-0.1933
774	SLE RA 15	0.61	0.6	41.17	-0.0695	7.7815	-0.2087
774	SLE RA 16	0.61	0.55	40.94	-0.0691	7.7414	-0.1919
774	SLE RA 17	0.61	0.59	40.95	-0.0691	7.7435	-0.2073
774	SLE RA 18	0.6	0.59	41.42	-0.07	7.8312	-0.2049
774	SLE RA 19	0.6	0.63	41.43	-0.07	7.8333	-0.2202
774	SLE RA 20	0.61	0.59	41.77	-0.0706	7.8924	-0.2047
774	SLE RA 21	0.61	0.63	41.78	-0.0706	7.8945	-0.22
774	SLE FR 1	0.58	0.47	37.48	-0.0627	7.1237	-0.1632
774	SLE FR 2	0.58	0.48	37.48	-0.0627	7.1244	-0.1683
774	SLE FR 3	0.58	0.47	37.62	-0.0629	7.1482	-0.1631
774	SLE FR 4	0.58	0.52	38.66	-0.0648	7.3366	-0.1808
774	SLE FR 5	0.59	0.5	38.8	-0.0651	7.3604	-0.1756
774	SLE FR 6	0.59	0.53	39.45	-0.0663	7.4774	-0.1841
774	SLE QP 1	0.58	0.47	37.48	-0.0627	7.1237	-0.1632
774	SLE QP 2	0.58	0.5	38.66	-0.0648	7.3359	-0.1757
774	SLD 1	2.67	1.11	28.62	-0.0454	5.6572	-0.3905
774	SLD 2	2.51	1.77	28.45	-0.0469	5.6525	-0.6207
774	SLD 3	2.9	-0.38	28.87	-0.0429	5.6329	0.1302
774	SLD 4	2.74	0.28	28.7	-0.0444	5.6281	-0.1
774	SLD 5	0.9	2.83	35.3	-0.0626	6.8701	-0.9887
774	SLD 6	0.79	3.27	35.19	-0.0636	6.867	-1.1403
774	SLD 7	1.65	-2.14	36.13	-0.0541	6.7889	0.7471
774	SLD 8	1.54	-1.71	36.02	-0.0552	6.7858	0.5955
774	SLD 9	-0.38	2.71	41.3	-0.0745	7.886	-0.9469
774	SLD 10	-0.48	3.15	41.19	-0.0756	7.8829	-1.0985
774	SLD 11	0.38	-2.26	42.13	-0.0661	7.8049	0.7888
774	SLD 12	0.27	-1.82	42.02	-0.0671	7.8017	0.6372
774	SLD 13	-1.57	0.72	48.62	-0.0853	9.0437	-0.2514
774	SLD 14	-1.73	1.38	48.45	-0.0868	9.039	-0.4816
774	SLD 15	-1.35	-0.77	48.87	-0.0828	9.0194	0.2693
774	SLD 16	-1.51	-0.11	48.7	-0.0843	9.0146	0.0391
774	SLV 1	5.48	1.88	15.18	-0.0192	3.406	-0.6607
774	SLV 2	5.11	3.42	14.78	-0.0228	3.395	-1.1968
774	SLV 3	5.99	-1.5	15.74	-0.0135	3.3499	0.5197
774	SLV 4	5.62	0.04	15.34	-0.0171	3.3389	-0.0164
774	SLV 5	1.34	5.78	30.83	-0.0592	6.2439	-2.0185
774	SLV 6	1.1	6.77	30.57	-0.0615	6.2368	-2.3654
774	SLV 7	3.05	-5.49	32.71	-0.0401	6.057	1.9163
774	SLV 8	2.81	-4.5	32.45	-0.0425	6.0498	1.5694
774	SLV 9	-1.64	5.51	44.87	-0.0872	8.622	-1.9208
774	SLV 10	-1.88	6.5	44.61	-0.0896	8.6149	-2.2677
774	SLV 11	0.07	-5.77	46.75	-0.0682	8.435	2.014
774	SLV 12	-0.17	-4.77	46.49	-0.0705	8.4279	1.6671
774	SLV 13	-4.45	0.97	61.98	-0.1126	11.3329	-0.3351
774	SLV 14	-4.83	2.51	61.58	-0.1162	11.3219	-0.8711
774	SLV 15	-3.94	-2.41	62.54	-0.1069	11.2769	0.8454
774	SLV 16	-4.31	-0.87	62.14	-0.1105	11.2658	0.3093
774	CRTFP Ux+	0	0	0	0	0	0
774	CRTFP Ux-	0	0	0	0	0	0
774	CRTFP Uy+	0	0	0	0	0	0
774	CRTFP Uy-	0	0	0	0	0	0
776	SLU 1	1.25	0.07	62.99	0.0205	0.2213	-0.0171
776	SLU 2	1.25	0.17	63.04	0.0203	0.2196	-0.0174



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
776	SLU 3	1.29	0.07	64.47	0.021	0.2295	-0.0175
776	SLU 4	1.28	0.13	64.5	0.0209	0.2285	-0.0177
776	SLU 5	1.27	0.16	63.95	0.0206	0.2238	-0.0178
776	SLU 6	1.31	0.07	65.37	0.0213	0.2338	-0.0179
776	SLU 7	1.31	0.13	65.41	0.0212	0.2327	-0.0181
776	SLU 8	1.3	0.06	64.8	0.0211	0.2298	-0.0178
776	SLU 9	1.3	0.12	64.83	0.0209	0.2288	-0.018
776	SLU 10	1.32	0.25	70.83	0.023	0.2599	-0.0188
776	SLU 11	1.36	0.16	72.25	0.0237	0.2698	-0.0189
776	SLU 12	1.36	0.22	72.29	0.0236	0.2688	-0.0191
776	SLU 13	1.34	0.25	71.73	0.0233	0.2642	-0.0191
776	SLU 14	1.38	0.15	73.16	0.024	0.2741	-0.0193
776	SLU 15	1.38	0.21	73.19	0.0239	0.2731	-0.0195
776	SLU 16	1.37	0.15	72.58	0.0238	0.2702	-0.0192
776	SLU 17	1.37	0.2	72.61	0.0236	0.2691	-0.0194
776	SLU 18	1.36	0.19	74.11	0.0244	0.279	-0.019
776	SLU 19	1.36	0.25	74.14	0.0243	0.2779	-0.0192
776	SLU 20	1.38	0.19	75.01	0.0247	0.2832	-0.0194
776	SLU 21	1.38	0.25	75.05	0.0245	0.2822	-0.0196
776	SLU 22	1.36	0.18	70.69	0.0239	0.2606	-0.0181
776	SLU 23	1.35	0.28	70.75	0.0236	0.2589	-0.0184
776	SLU 24	1.39	0.19	72.17	0.0244	0.2688	-0.0185
776	SLU 25	1.39	0.25	72.21	0.0243	0.2678	-0.0187
776	SLU 26	1.37	0.28	71.65	0.0239	0.2631	-0.0188
776	SLU 27	1.41	0.18	73.08	0.0247	0.2731	-0.0189
776	SLU 28	1.41	0.24	73.11	0.0245	0.272	-0.0191
776	SLU 29	1.4	0.17	72.5	0.0244	0.2692	-0.0188
776	SLU 30	1.4	0.23	72.53	0.0243	0.2681	-0.019
776	SLU 31	1.43	0.37	78.53	0.0264	0.2992	-0.0198
776	SLU 32	1.46	0.27	79.95	0.0271	0.3092	-0.0199
776	SLU 33	1.46	0.33	79.99	0.027	0.3081	-0.0201
776	SLU 34	1.45	0.36	79.43	0.0266	0.3035	-0.0201
776	SLU 35	1.49	0.27	80.86	0.0274	0.3134	-0.0203
776	SLU 36	1.48	0.33	80.89	0.0272	0.3124	-0.0205
776	SLU 37	1.47	0.26	80.28	0.0271	0.3095	-0.0202
776	SLU 38	1.47	0.32	80.32	0.027	0.3084	-0.0204
776	SLU 39	1.46	0.31	81.81	0.0277	0.3183	-0.02
776	SLU 40	1.46	0.37	81.84	0.0276	0.3172	-0.0202
776	SLU 41	1.48	0.3	82.71	0.028	0.3225	-0.0204
776	SLU 42	1.48	0.36	82.75	0.0279	0.3215	-0.0206
776	SLU 43	1.59	0.05	79.24	0.0255	0.2742	-0.0219
776	SLU 44	1.59	0.15	79.3	0.0253	0.2725	-0.0222
776	SLU 45	1.63	0.05	80.72	0.026	0.2824	-0.0223
776	SLU 46	1.63	0.11	80.76	0.0259	0.2814	-0.0225
776	SLU 47	1.61	0.14	80.2	0.0256	0.2768	-0.0226
776	SLU 48	1.65	0.05	81.63	0.0263	0.2867	-0.0227
776	SLU 49	1.65	0.11	81.66	0.0262	0.2856	-0.0229
776	SLU 50	1.64	0.04	81.05	0.0261	0.2828	-0.0226
776	SLU 51	1.64	0.1	81.09	0.0259	0.2817	-0.0228
776	SLU 52	1.66	0.24	87.08	0.028	0.3128	-0.0235
776	SLU 53	1.7	0.14	88.51	0.0287	0.3228	-0.0237
776	SLU 54	1.7	0.2	88.54	0.0286	0.3217	-0.0239
776	SLU 55	1.69	0.23	87.99	0.0283	0.3171	-0.0239
776	SLU 56	1.72	0.13	89.41	0.029	0.327	-0.024
776	SLU 57	1.72	0.19	89.45	0.0289	0.326	-0.0242
776	SLU 58	1.71	0.13	88.83	0.0288	0.3231	-0.024
776	SLU 59	1.71	0.19	88.87	0.0286	0.3221	-0.0242
776	SLU 60	1.7	0.17	90.36	0.0294	0.3319	-0.0238
776	SLU 61	1.7	0.23	90.39	0.0293	0.3308	-0.024
776	SLU 62	1.72	0.17	91.27	0.0297	0.3361	-0.0242
776	SLU 63	1.72	0.23	91.3	0.0295	0.3351	-0.0244
776	SLU 64	1.7	0.16	86.94	0.0289	0.3136	-0.0229
776	SLU 65	1.69	0.26	87	0.0286	0.3118	-0.0232
776	SLU 66	1.73	0.17	88.43	0.0294	0.3217	-0.0233
776	SLU 67	1.73	0.23	88.46	0.0293	0.3207	-0.0235
776	SLU 68	1.71	0.26	87.91	0.0289	0.3161	-0.0236
776	SLU 69	1.75	0.16	89.33	0.0297	0.326	-0.0237
776	SLU 70	1.75	0.22	89.37	0.0295	0.3249	-0.0239
776	SLU 71	1.74	0.15	88.75	0.0294	0.3221	-0.0236
776	SLU 72	1.74	0.21	88.79	0.0293	0.321	-0.0238
776	SLU 73	1.77	0.35	94.78	0.0314	0.3521	-0.0245
776	SLU 74	1.8	0.25	96.21	0.0321	0.3621	-0.0247
776	SLU 75	1.8	0.31	96.24	0.032	0.361	-0.0249
776	SLU 76	1.79	0.34	95.69	0.0316	0.3564	-0.0249
776	SLU 77	1.83	0.25	97.11	0.0324	0.3663	-0.025
776	SLU 78	1.82	0.31	97.15	0.0322	0.3653	-0.0252
776	SLU 79	1.82	0.24	96.54	0.0321	0.3624	-0.025
776	SLU 80	1.81	0.3	96.57	0.032	0.3614	-0.0252
776	SLU 81	1.8	0.29	98.06	0.0328	0.3712	-0.0248
776	SLU 82	1.8	0.35	98.1	0.0326	0.3701	-0.025
776	SLU 83	1.82	0.28	98.97	0.033	0.3754	-0.0252
776	SLU 84	1.82	0.34	99	0.0329	0.3744	-0.0254
776	SLE RA 1	1.28	0.1	65.19	0.0215	0.2326	-0.0174
776	SLE RA 2	1.28	0.17	65.23	0.0213	0.2314	-0.0176
776	SLE RA 3	1.31	0.1	66.18	0.0218	0.238	-0.0177
776	SLE RA 4	1.3	0.14	66.2	0.0217	0.2373	-0.0178
776	SLE RA 5	1.29	0.16	65.83	0.0215	0.2342	-0.0178
776	SLE RA 6	1.32	0.1	66.78	0.022	0.2408	-0.0179
776	SLE RA 7	1.32	0.14	66.8	0.0219	0.2401	-0.0181



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
776	SLE RA 8	1.31	0.09	66.39	0.0218	0.2382	-0.0179
776	SLE RA 9	1.31	0.13	66.42	0.0217	0.2375	-0.018
776	SLE RA 10	1.33	0.22	70.41	0.0231	0.2583	-0.0185
776	SLE RA 11	1.35	0.16	71.36	0.0236	0.2649	-0.0186
776	SLE RA 12	1.35	0.2	71.39	0.0235	0.2642	-0.0187
776	SLE RA 13	1.34	0.22	71.02	0.0233	0.2611	-0.0187
776	SLE RA 14	1.37	0.16	71.97	0.0238	0.2677	-0.0188
776	SLE RA 15	1.37	0.2	71.99	0.0237	0.267	-0.019
776	SLE RA 16	1.36	0.15	71.58	0.0236	0.2651	-0.0188
776	SLE RA 17	1.36	0.19	71.61	0.0236	0.2644	-0.0189
776	SLE RA 18	1.35	0.18	72.6	0.0241	0.271	-0.0187
776	SLE RA 19	1.35	0.22	72.62	0.024	0.2703	-0.0188
776	SLE RA 20	1.37	0.18	73.2	0.0242	0.2738	-0.0189
776	SLE RA 21	1.37	0.22	73.23	0.0241	0.2731	-0.019
776	SLE FR 1	1.28	0.1	65.19	0.0215	0.2326	-0.0174
776	SLE FR 2	1.28	0.11	65.19	0.0214	0.2323	-0.0174
776	SLE FR 3	1.29	0.1	65.43	0.0215	0.2337	-0.0175
776	SLE FR 4	1.3	0.14	67.42	0.0222	0.2439	-0.0178
776	SLE FR 5	1.31	0.12	67.65	0.0223	0.2452	-0.0179
776	SLE FR 6	1.32	0.14	68.89	0.0228	0.2518	-0.018
776	SLE QP 1	1.28	0.1	65.19	0.0215	0.2326	-0.0174
776	SLE QP 2	1.3	0.13	67.41	0.0222	0.2441	-0.0178
776	SLD 1	6.46	1.02	62.33	0.0193	0.2558	-0.0374
776	SLD 2	6.21	1.51	62.02	0.0161	0.2629	-0.0257
776	SLD 3	6.5	-0.71	62.51	0.0259	0.3039	-0.0388
776	SLD 4	6.25	-0.21	62.21	0.0227	0.3109	-0.0271
776	SLD 5	2.83	2.92	65.66	0.0119	0.1735	-0.0236
776	SLD 6	2.66	3.25	65.46	0.0098	0.1782	-0.0159
776	SLD 7	2.97	-2.83	66.28	0.034	0.3336	-0.0283
776	SLD 8	2.81	-2.51	66.07	0.0318	0.3382	-0.0206
776	SLD 9	-0.2	2.76	68.75	0.0126	0.1499	-0.0149
776	SLD 10	-0.37	3.08	68.54	0.0105	0.1546	-0.0072
776	SLD 11	-0.06	-3	69.36	0.0347	0.31	-0.0196
776	SLD 12	-0.22	-2.67	69.16	0.0326	0.3147	-0.012
776	SLD 13	-3.64	0.47	72.61	0.0218	0.1772	-0.0084
776	SLD 14	-3.89	0.96	72.31	0.0186	0.1843	0.0033
776	SLD 15	-3.6	-1.26	72.8	0.0284	0.2253	-0.0098
776	SLD 16	-3.85	-0.77	72.49	0.0252	0.2323	0.0019
776	SLV 1	13.36	2.15	55.51	0.0154	0.2746	-0.0637
776	SLV 2	12.78	3.3	54.79	0.008	0.291	-0.0365
776	SLV 3	13.46	-1.76	55.94	0.0304	0.3836	-0.067
776	SLV 4	12.88	-0.61	55.22	0.0229	0.4001	-0.0398
776	SLV 5	4.87	6.47	63.31	-0.0012	0.085	-0.0312
776	SLV 6	4.49	7.21	62.84	-0.006	0.0957	-0.0136
776	SLV 7	5.2	-6.57	64.75	0.0487	0.4484	-0.0423
776	SLV 8	4.83	-5.83	64.28	0.0439	0.4591	-0.0247
776	SLV 9	-2.22	6.08	70.54	0.0006	0.0291	-0.0108
776	SLV 10	-2.6	6.82	70.07	-0.0042	0.0397	0.0068
776	SLV 11	-1.88	-6.96	71.98	0.0505	0.3925	-0.0219
776	SLV 12	-2.26	-6.22	71.51	0.0457	0.4031	-0.0043
776	SLV 13	-10.27	0.86	79.6	0.0215	0.0881	0.0043
776	SLV 14	-10.85	2.01	78.88	0.0141	0.1045	0.0315
776	SLV 15	-10.17	-3.05	80.03	0.0365	0.1971	0.001
776	SLV 16	-10.75	-1.9	79.32	0.0291	0.2135	0.0282
776	CRTFP Ux+	0	0	0	0	0	0
776	CRTFP Ux-	0	0	0	0	0	0
779	SLU 1	-1.06	-0.91	64.85	-0.0064	-0.3821	0.01
779	SLU 2	-1.07	-0.81	64.89	-0.0067	-0.38	0.0104
779	SLU 3	-1.09	-0.92	66.43	-0.0064	-0.3931	0.0103
779	SLU 4	-1.09	-0.86	66.46	-0.0066	-0.3919	0.0105
779	SLU 5	-1.08	-0.82	65.84	-0.0067	-0.3852	0.0105
779	SLU 6	-1.11	-0.93	67.38	-0.0064	-0.3983	0.0104
779	SLU 7	-1.11	-0.87	67.41	-0.0066	-0.397	0.0106
779	SLU 8	-1.1	-0.93	66.74	-0.0065	-0.3924	0.0102
779	SLU 9	-1.1	-0.87	66.77	-0.0067	-0.3912	0.0104
779	SLU 10	-1.12	-0.83	73.12	-0.0073	-0.4423	0.0123
779	SLU 11	-1.14	-0.94	74.66	-0.007	-0.4555	0.0121
779	SLU 12	-1.15	-0.88	74.69	-0.0072	-0.4542	0.0123
779	SLU 13	-1.14	-0.84	74.07	-0.0073	-0.4475	0.0123
779	SLU 14	-1.16	-0.96	75.61	-0.007	-0.4606	0.0122
779	SLU 15	-1.16	-0.9	75.64	-0.0072	-0.4594	0.0124
779	SLU 16	-1.15	-0.96	74.97	-0.0071	-0.4548	0.012
779	SLU 17	-1.15	-0.9	75	-0.0072	-0.4535	0.0122
779	SLU 18	-1.14	-0.94	76.6	-0.0072	-0.4712	0.0126
779	SLU 19	-1.14	-0.88	76.63	-0.0074	-0.4699	0.0129
779	SLU 20	-1.16	-0.95	77.55	-0.0073	-0.4763	0.0127
779	SLU 21	-1.16	-0.89	77.58	-0.0074	-0.4751	0.0129
779	SLU 22	-1.15	-0.9	72.95	-0.0061	-0.4413	0.011
779	SLU 23	-1.16	-0.8	72.99	-0.0064	-0.4392	0.0114
779	SLU 24	-1.18	-0.92	74.53	-0.0061	-0.4524	0.0113
779	SLU 25	-1.19	-0.86	74.56	-0.0063	-0.4511	0.0115
779	SLU 26	-1.18	-0.81	73.94	-0.0065	-0.4444	0.0115
779	SLU 27	-1.2	-0.93	75.48	-0.0062	-0.4575	0.0113
779	SLU 28	-1.2	-0.87	75.51	-0.0063	-0.4563	0.0115
779	SLU 29	-1.19	-0.93	74.84	-0.0062	-0.4517	0.0111
779	SLU 30	-1.19	-0.87	74.87	-0.0064	-0.4504	0.0114
779	SLU 31	-1.21	-0.83	81.22	-0.007	-0.5016	0.0132
779	SLU 32	-1.24	-0.94	82.76	-0.0067	-0.5147	0.0131
779	SLU 33	-1.24	-0.88	82.79	-0.0069	-0.5134	0.0133



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
779	SLU 34	-1.23	-0.84	82.17	-0.007	-0.5067	0.0133
779	SLU 35	-1.25	-0.95	83.71	-0.0068	-0.5199	0.0131
779	SLU 36	-1.26	-0.89	83.74	-0.0069	-0.5186	0.0134
779	SLU 37	-1.24	-0.95	83.07	-0.0068	-0.514	0.013
779	SLU 38	-1.25	-0.89	83.1	-0.007	-0.5127	0.0132
779	SLU 39	-1.23	-0.94	84.7	-0.0069	-0.5304	0.0136
779	SLU 40	-1.24	-0.88	84.73	-0.0071	-0.5291	0.0138
779	SLU 41	-1.25	-0.95	85.65	-0.007	-0.5356	0.0137
779	SLU 42	-1.25	-0.89	85.68	-0.0072	-0.5343	0.0139
779	SLU 43	-1.35	-1.19	81.52	-0.0084	-0.4764	0.0127
779	SLU 44	-1.35	-1.08	81.57	-0.0087	-0.4743	0.0131
779	SLU 45	-1.38	-1.2	83.11	-0.0084	-0.4874	0.013
779	SLU 46	-1.38	-1.14	83.14	-0.0086	-0.4862	0.0132
779	SLU 47	-1.37	-1.1	82.52	-0.0087	-0.4795	0.0132
779	SLU 48	-1.39	-1.21	84.06	-0.0084	-0.4926	0.013
779	SLU 49	-1.4	-1.15	84.08	-0.0086	-0.4913	0.0133
779	SLU 50	-1.38	-1.21	83.42	-0.0085	-0.4868	0.0129
779	SLU 51	-1.38	-1.15	83.44	-0.0087	-0.4855	0.0131
779	SLU 52	-1.41	-1.11	89.8	-0.0093	-0.5367	0.0149
779	SLU 53	-1.43	-1.22	91.34	-0.009	-0.5498	0.0148
779	SLU 54	-1.43	-1.16	91.37	-0.0092	-0.5485	0.015
779	SLU 55	-1.43	-1.12	90.75	-0.0093	-0.5418	0.015
779	SLU 56	-1.45	-1.23	92.28	-0.009	-0.5549	0.0149
779	SLU 57	-1.45	-1.17	92.31	-0.0092	-0.5537	0.0151
779	SLU 58	-1.44	-1.23	91.64	-0.0091	-0.5491	0.0147
779	SLU 59	-1.44	-1.17	91.67	-0.0092	-0.5478	0.0149
779	SLU 60	-1.43	-1.22	93.28	-0.0092	-0.5655	0.0153
779	SLU 61	-1.43	-1.16	93.31	-0.0094	-0.5642	0.0156
779	SLU 62	-1.44	-1.23	94.22	-0.0093	-0.5706	0.0154
779	SLU 63	-1.45	-1.17	94.25	-0.0094	-0.5694	0.0156
779	SLU 64	-1.44	-1.18	89.62	-0.0081	-0.5357	0.0137
779	SLU 65	-1.45	-1.08	89.67	-0.0084	-0.5336	0.0141
779	SLU 66	-1.47	-1.19	91.21	-0.0081	-0.5467	0.0139
779	SLU 67	-1.47	-1.13	91.24	-0.0083	-0.5454	0.0142
779	SLU 68	-1.46	-1.09	90.62	-0.0085	-0.5387	0.0141
779	SLU 69	-1.49	-1.2	92.16	-0.0082	-0.5518	0.014
779	SLU 70	-1.49	-1.14	92.18	-0.0083	-0.5506	0.0142
779	SLU 71	-1.47	-1.2	91.52	-0.0082	-0.546	0.0138
779	SLU 72	-1.48	-1.14	91.54	-0.0084	-0.5447	0.0141
779	SLU 73	-1.5	-1.1	97.9	-0.009	-0.5959	0.0159
779	SLU 74	-1.52	-1.21	99.44	-0.0087	-0.609	0.0158
779	SLU 75	-1.53	-1.15	99.47	-0.0089	-0.6077	0.016
779	SLU 76	-1.52	-1.11	98.85	-0.009	-0.6011	0.016
779	SLU 77	-1.54	-1.23	100.38	-0.0088	-0.6142	0.0158
779	SLU 78	-1.54	-1.17	100.41	-0.0089	-0.6129	0.0161
779	SLU 79	-1.53	-1.23	99.74	-0.0088	-0.6083	0.0156
779	SLU 80	-1.53	-1.17	99.77	-0.009	-0.6071	0.0159
779	SLU 81	-1.52	-1.21	101.38	-0.0089	-0.6247	0.0163
779	SLU 82	-1.52	-1.15	101.41	-0.0091	-0.6234	0.0165
779	SLU 83	-1.54	-1.22	102.32	-0.009	-0.6299	0.0164
779	SLU 84	-1.54	-1.16	102.35	-0.0092	-0.6286	0.0166
779	SLE RA 1	-1.09	-0.91	67.16	-0.0063	-0.399	0.0103
779	SLE RA 2	-1.09	-0.84	67.19	-0.0065	-0.3976	0.0106
779	SLE RA 3	-1.11	-0.92	68.22	-0.0063	-0.4064	0.0105
779	SLE RA 4	-1.11	-0.88	68.24	-0.0064	-0.4055	0.0106
779	SLE RA 5	-1.1	-0.85	67.82	-0.0065	-0.4011	0.0106
779	SLE RA 6	-1.12	-0.92	68.85	-0.0063	-0.4098	0.0105
779	SLE RA 7	-1.12	-0.88	68.87	-0.0065	-0.409	0.0107
779	SLE RA 8	-1.11	-0.92	68.42	-0.0064	-0.4059	0.0104
779	SLE RA 9	-1.11	-0.88	68.44	-0.0065	-0.4051	0.0106
779	SLE RA 10	-1.13	-0.86	72.68	-0.0069	-0.4392	0.0118
779	SLE RA 11	-1.14	-0.93	73.7	-0.0067	-0.4479	0.0117
779	SLE RA 12	-1.15	-0.89	73.72	-0.0068	-0.4471	0.0119
779	SLE RA 13	-1.14	-0.86	73.31	-0.0069	-0.4426	0.0118
779	SLE RA 14	-1.15	-0.94	74.33	-0.0067	-0.4514	0.0117
779	SLE RA 15	-1.16	-0.9	74.35	-0.0068	-0.4505	0.0119
779	SLE RA 16	-1.15	-0.94	73.91	-0.0067	-0.4475	0.0116
779	SLE RA 17	-1.15	-0.9	73.93	-0.0069	-0.4466	0.0118
779	SLE RA 18	-1.14	-0.93	75	-0.0068	-0.4584	0.0121
779	SLE RA 19	-1.14	-0.89	75.02	-0.007	-0.4576	0.0122
779	SLE RA 20	-1.15	-0.94	75.63	-0.0069	-0.4618	0.0121
779	SLE RA 21	-1.15	-0.9	75.65	-0.007	-0.461	0.0123
779	SLE FR 1	-1.09	-0.91	67.16	-0.0063	-0.399	0.0103
779	SLE FR 2	-1.09	-0.89	67.17	-0.0063	-0.3987	0.0104
779	SLE FR 3	-1.09	-0.91	67.41	-0.0063	-0.4004	0.0103
779	SLE FR 4	-1.1	-0.9	69.52	-0.0065	-0.4166	0.0109
779	SLE FR 5	-1.11	-0.92	69.76	-0.0065	-0.4182	0.0109
779	SLE FR 6	-1.11	-0.92	71.08	-0.0066	-0.4287	0.0112
779	SLE QP 1	-1.09	-0.91	67.16	-0.0063	-0.399	0.0103
779	SLE QP 2	-1.1	-0.91	69.51	-0.0065	-0.4168	0.0108
779	SLD 1	4.36	-0.62	74.06	-0.0251	-0.4608	-0.005
779	SLD 2	4.12	-1.09	74.62	-0.0205	-0.4521	0.0073
779	SLD 3	4.28	-2.37	74.4	-0.0155	-0.5278	-0.0027
779	SLD 4	4.03	-2.84	74.96	-0.011	-0.5191	0.0095
779	SLD 5	0.71	1.92	70.26	-0.0274	-0.33	0.0005
779	SLD 6	0.54	1.61	70.62	-0.0244	-0.3242	0.0085
779	SLD 7	0.43	-3.93	71.4	0.0045	-0.5533	0.008
779	SLD 8	0.27	-4.23	71.76	0.0075	-0.5476	0.0161
779	SLD 9	-2.47	2.41	67.26	-0.0204	-0.2861	0.0056



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
779	SLD 10	-2.64	2.1	67.62	-0.0174	-0.2804	0.0137
779	SLD 11	-2.75	-3.44	68.4	0.0114	-0.5094	0.0132
779	SLD 12	-2.91	-3.75	68.76	0.0145	-0.5037	0.0212
779	SLD 13	-6.24	1.01	64.07	-0.0019	-0.3146	0.0122
779	SLD 14	-6.49	0.54	64.62	0.0026	-0.3059	0.0244
779	SLD 15	-6.32	-0.74	64.41	0.0076	-0.3816	0.0144
779	SLD 16	-6.57	-1.21	64.96	0.0122	-0.3729	0.0267
779	SLV 1	11.68	-0.29	80.19	-0.0497	-0.5222	-0.026
779	SLV 2	11.11	-1.38	81.48	-0.039	-0.502	0.0025
779	SLV 3	11.49	-4.26	80.97	-0.0281	-0.6743	-0.0209
779	SLV 4	10.92	-5.35	82.25	-0.0174	-0.654	0.0076
779	SLV 5	3.12	5.49	71.32	-0.0541	-0.2214	-0.0129
779	SLV 6	2.75	4.78	72.15	-0.0472	-0.2083	0.0055
779	SLV 7	2.49	-7.75	73.9	0.018	-0.7281	0.0042
779	SLV 8	2.12	-8.46	74.73	0.0249	-0.715	0.0226
779	SLV 9	-4.32	6.63	64.29	-0.0378	-0.1186	-0.0009
779	SLV 10	-4.69	5.92	65.12	-0.0309	-0.1055	0.0175
779	SLV 11	-4.95	-6.61	66.87	0.0342	-0.6254	0.0162
779	SLV 12	-5.33	-7.31	67.7	0.0412	-0.6123	0.0346
779	SLV 13	-13.12	3.53	56.77	0.0045	-0.1797	0.0141
779	SLV 14	-13.7	2.43	58.06	0.0152	-0.1594	0.0426
779	SLV 15	-13.31	-0.45	57.54	0.0261	-0.3317	0.0192
779	SLV 16	-13.89	-1.54	58.83	0.0368	-0.3114	0.0477
779	CRTFP Ux+	0	0	0	0	0	0
779	CRTFP Ux-	0	0	0	0	0	0
779	CRTFP Uy+	0	0	0	0	0	0
779	CRTFP Uy-	0	0	0	0	0	0
782	SLU 1	0.16	0.73	89.26	-1.8006	-8.2096	0.0293
782	SLU 2	0.16	0.85	89.35	-1.804	-8.2178	0.0444
782	SLU 3	0.17	0.78	91.26	-1.8425	-8.3857	0.0331
782	SLU 4	0.17	0.85	91.32	-1.8445	-8.3906	0.0421
782	SLU 5	0.17	0.86	90.58	-1.8294	-8.3268	0.0441
782	SLU 6	0.18	0.78	92.48	-1.8679	-8.4948	0.0327
782	SLU 7	0.18	0.85	92.54	-1.8699	-8.4997	0.0418
782	SLU 8	0.18	0.75	91.71	-1.8515	-8.4277	0.0286
782	SLU 9	0.18	0.82	91.76	-1.8535	-8.4326	0.0377
782	SLU 10	0.21	1.02	101.09	-2.0426	-9.2638	0.0621
782	SLU 11	0.21	0.94	102.99	-2.0811	-9.4317	0.0507
782	SLU 12	0.21	1.01	103.05	-2.0831	-9.4366	0.0597
782	SLU 13	0.22	1.02	102.31	-2.068	-9.3728	0.0617
782	SLU 14	0.22	0.95	104.22	-2.1066	-9.5408	0.0503
782	SLU 15	0.22	1.02	104.27	-2.1086	-9.5457	0.0594
782	SLU 16	0.22	0.91	103.44	-2.0901	-9.4737	0.0463
782	SLU 17	0.22	0.98	103.49	-2.0921	-9.4786	0.0553
782	SLU 18	0.22	0.97	106.02	-2.1416	-9.7039	0.0545
782	SLU 19	0.23	1.04	106.08	-2.1436	-9.7088	0.0636
782	SLU 20	0.23	0.97	107.25	-2.167	-9.813	0.0542
782	SLU 21	0.23	1.05	107.3	-2.169	-9.8179	0.0632
782	SLU 22	0.17	1.06	100.67	-2.021	-9.2076	0.0648
782	SLU 23	0.18	1.18	100.76	-2.0244	-9.2158	0.0799
782	SLU 24	0.18	1.11	102.67	-2.0629	-9.3837	0.0685
782	SLU 25	0.18	1.18	102.72	-2.0649	-9.3886	0.0775
782	SLU 26	0.18	1.19	101.98	-2.0498	-9.3248	0.0795
782	SLU 27	0.19	1.11	103.89	-2.0883	-9.4927	0.0681
782	SLU 28	0.19	1.19	103.94	-2.0903	-9.4976	0.0772
782	SLU 29	0.19	1.08	103.11	-2.0719	-9.4257	0.0641
782	SLU 30	0.19	1.15	103.17	-2.0739	-9.4306	0.0731
782	SLU 31	0.22	1.35	112.49	-2.263	-10.2618	0.0975
782	SLU 32	0.22	1.27	114.4	-2.3015	-10.4297	0.0861
782	SLU 33	0.22	1.34	114.46	-2.3035	-10.4346	0.0952
782	SLU 34	0.23	1.35	113.71	-2.2884	-10.3708	0.0971
782	SLU 35	0.23	1.28	115.62	-2.327	-10.5388	0.0858
782	SLU 36	0.23	1.35	115.68	-2.3289	-10.5437	0.0948
782	SLU 37	0.23	1.24	114.84	-2.3105	-10.4717	0.0817
782	SLU 38	0.23	1.31	114.9	-2.3125	-10.4766	0.0907
782	SLU 39	0.23	1.3	117.43	-2.362	-10.7019	0.09
782	SLU 40	0.24	1.37	117.48	-2.364	-10.7068	0.099
782	SLU 41	0.24	1.3	118.65	-2.3874	-10.811	0.0896
782	SLU 42	0.24	1.38	118.71	-2.3894	-10.8158	0.0987
782	SLU 43	0.21	0.84	112.13	-2.2653	-10.3303	0.026
782	SLU 44	0.21	0.96	112.22	-2.2686	-10.3385	0.0411
782	SLU 45	0.21	0.88	114.13	-2.3071	-10.5064	0.0297
782	SLU 46	0.22	0.95	114.18	-2.3091	-10.5113	0.0388
782	SLU 47	0.22	0.97	113.44	-2.294	-10.4475	0.0407
782	SLU 48	0.22	0.89	115.35	-2.3325	-10.6155	0.0294
782	SLU 49	0.22	0.96	115.41	-2.3345	-10.6204	0.0384
782	SLU 50	0.22	0.85	114.57	-2.3161	-10.5484	0.0253
782	SLU 51	0.22	0.92	114.63	-2.3181	-10.5533	0.0343
782	SLU 52	0.25	1.12	123.96	-2.5073	-11.3845	0.0587
782	SLU 53	0.26	1.05	125.86	-2.5458	-11.5525	0.0473
782	SLU 54	0.26	1.12	125.92	-2.5478	-11.5574	0.0564
782	SLU 55	0.26	1.13	125.18	-2.5327	-11.4936	0.0584
782	SLU 56	0.27	1.05	127.08	-2.5712	-11.6615	0.047
782	SLU 57	0.27	1.13	127.14	-2.5732	-11.6664	0.056
782	SLU 58	0.27	1.02	126.31	-2.5548	-11.5944	0.0429
782	SLU 59	0.27	1.09	126.36	-2.5568	-11.5993	0.052
782	SLU 60	0.27	1.07	128.89	-2.6062	-11.8247	0.0512
782	SLU 61	0.27	1.15	128.95	-2.6082	-11.8295	0.0602
782	SLU 62	0.28	1.08	130.11	-2.6316	-11.9337	0.0508



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
782	SLU 63	0.28	1.15	130.17	-2.6336	-11.9386	0.0599
782	SLU 64	0.22	1.17	123.54	-2.4857	-11.3283	0.0614
782	SLU 65	0.22	1.29	123.63	-2.489	-11.3365	0.0765
782	SLU 66	0.23	1.21	125.54	-2.5275	-11.5044	0.0652
782	SLU 67	0.23	1.28	125.59	-2.5295	-11.5093	0.0742
782	SLU 68	0.23	1.3	124.85	-2.5144	-11.4455	0.0762
782	SLU 69	0.23	1.22	126.76	-2.5529	-11.6135	0.0648
782	SLU 70	0.23	1.29	126.81	-2.5549	-11.6184	0.0738
782	SLU 71	0.23	1.18	125.98	-2.5365	-11.5464	0.0607
782	SLU 72	0.23	1.25	126.03	-2.5385	-11.5513	0.0698
782	SLU 73	0.26	1.45	135.36	-2.7276	-12.3825	0.0942
782	SLU 74	0.27	1.38	137.27	-2.7662	-12.5505	0.0828
782	SLU 75	0.27	1.45	137.32	-2.7682	-12.5553	0.0918
782	SLU 76	0.27	1.46	136.58	-2.7531	-12.4915	0.0938
782	SLU 77	0.28	1.38	138.49	-2.7916	-12.6595	0.0824
782	SLU 78	0.28	1.46	138.55	-2.7936	-12.6644	0.0915
782	SLU 79	0.28	1.35	137.71	-2.7752	-12.5924	0.0784
782	SLU 80	0.28	1.42	137.77	-2.7772	-12.5973	0.0874
782	SLU 81	0.28	1.4	140.3	-2.8266	-12.8226	0.0866
782	SLU 82	0.28	1.48	140.35	-2.8286	-12.8275	0.0957
782	SLU 83	0.29	1.41	141.52	-2.852	-12.9317	0.0863
782	SLU 84	0.29	1.48	141.57	-2.854	-12.9366	0.0953
782	SLE RA 1	0.17	0.83	92.52	-1.8636	-8.4948	0.0395
782	SLE RA 2	0.17	0.91	92.58	-1.8658	-8.5002	0.0495
782	SLE RA 3	0.17	0.86	93.85	-1.8915	-8.6122	0.0419
782	SLE RA 4	0.17	0.9	93.89	-1.8928	-8.6154	0.048
782	SLE RA 5	0.17	0.91	93.4	-1.8828	-8.5729	0.0493
782	SLE RA 6	0.17	0.86	94.67	-1.9085	-8.6849	0.0417
782	SLE RA 7	0.18	0.91	94.71	-1.9098	-8.6881	0.0477
782	SLE RA 8	0.18	0.84	94.15	-1.8975	-8.6401	0.039
782	SLE RA 9	0.18	0.88	94.19	-1.8988	-8.6434	0.045
782	SLE RA 10	0.2	1.02	100.4	-2.0249	-9.1976	0.0613
782	SLE RA 11	0.2	0.96	101.68	-2.0506	-9.3095	0.0537
782	SLE RA 12	0.2	1.01	101.71	-2.0519	-9.3128	0.0597
782	SLE RA 13	0.2	1.02	101.22	-2.0419	-9.2702	0.061
782	SLE RA 14	0.2	0.97	102.49	-2.0676	-9.3822	0.0535
782	SLE RA 15	0.2	1.02	102.53	-2.0689	-9.3855	0.0595
782	SLE RA 16	0.2	0.94	101.97	-2.0566	-9.3375	0.0507
782	SLE RA 17	0.2	0.99	102.01	-2.0579	-9.3407	0.0568
782	SLE RA 18	0.21	0.98	103.7	-2.0909	-9.491	0.0563
782	SLE RA 19	0.21	1.03	103.73	-2.0922	-9.4942	0.0623
782	SLE RA 20	0.21	0.99	104.51	-2.1078	-9.5637	0.056
782	SLE RA 21	0.21	1.04	104.55	-2.1092	-9.5669	0.0621
782	SLE FR 1	0.17	0.83	92.52	-1.8636	-8.4948	0.0395
782	SLE FR 2	0.17	0.84	92.53	-1.8641	-8.4959	0.0415
782	SLE FR 3	0.17	0.83	92.85	-1.8704	-8.5238	0.0394
782	SLE FR 4	0.18	0.89	95.89	-1.9322	-8.7947	0.0465
782	SLE FR 5	0.18	0.87	96.2	-1.9386	-8.8227	0.0444
782	SLE FR 6	0.19	0.9	98.11	-1.9773	-8.9929	0.0479
782	SLE QP 1	0.17	0.83	92.52	-1.8636	-8.4948	0.0395
782	SLE QP 2	0.18	0.87	95.87	-1.9318	-8.7936	0.0445
782	SLD 1	8.1	3.14	101.63	-1.9112	-9.2515	0.4886
782	SLD 2	7.81	2.79	101.17	-1.9066	-9.2045	0.4577
782	SLD 3	8.18	0.04	100.82	-1.8762	-9.1799	0.1084
782	SLD 4	7.88	-0.31	100.36	-1.8717	-9.1329	0.0775
782	SLD 5	2.49	6.31	98.92	-1.9794	-9.0479	0.7598
782	SLD 6	2.3	6.08	98.62	-1.9765	-9.017	0.7395
782	SLD 7	2.75	-4.01	96.2	-1.8629	-8.8094	-0.5073
782	SLD 8	2.56	-4.24	95.9	-1.8599	-8.7785	-0.5277
782	SLD 9	-2.2	5.99	95.84	-2.0036	-8.8088	0.6167
782	SLD 10	-2.39	5.75	95.54	-2.0007	-8.7779	0.5964
782	SLD 11	-1.94	-4.33	93.13	-1.8871	-8.5703	-0.6505
782	SLD 12	-2.13	-4.56	92.83	-1.8842	-8.5393	-0.6708
782	SLD 13	-7.53	2.05	91.39	-1.9919	-8.4544	0.0115
782	SLD 14	-7.82	1.7	90.93	-1.9874	-8.4074	-0.0194
782	SLD 15	-7.45	-1.04	90.57	-1.9569	-8.3828	-0.3687
782	SLD 16	-7.75	-1.39	90.12	-1.9524	-8.3358	-0.3996
782	SLV 1	18.71	6.06	109.39	-1.8811	-9.8713	1.0691
782	SLV 2	18.03	5.24	108.33	-1.8706	-9.7619	0.9972
782	SLV 3	18.9	-0.96	107.54	-1.802	-9.7082	0.2076
782	SLV 4	18.21	-1.77	106.48	-1.7915	-9.5988	0.1357
782	SLV 5	5.58	13.21	102.91	-2.0384	-9.3833	1.6711
782	SLV 6	5.14	12.68	102.23	-2.0316	-9.3125	1.6245
782	SLV 7	6.19	-10.18	96.76	-1.7747	-8.8396	-1.2008
782	SLV 8	5.74	-10.7	96.07	-1.7679	-8.7688	-1.2473
782	SLV 9	-5.39	12.45	95.68	-2.0957	-8.8184	1.3363
782	SLV 10	-5.83	11.92	94.99	-2.0889	-8.7476	1.2898
782	SLV 11	-4.78	-10.94	89.52	-1.832	-8.2748	-1.5355
782	SLV 12	-5.23	-11.47	88.83	-1.8252	-8.204	-1.582
782	SLV 13	-17.85	3.52	85.27	-2.0721	-7.9885	-0.0467
782	SLV 14	-18.54	2.7	84.21	-2.0616	-7.879	-0.1186
782	SLV 15	-17.67	-3.5	83.42	-1.993	-7.8253	-0.9082
782	SLV 16	-18.36	-4.31	82.36	-1.9825	-7.7159	-0.9801
782	CRTFP Ux+	0	0	0	0	0	0
782	CRTFP Ux-	0	0	0	0	0	0
782	CRTFP Uy+	0	0	0	0	0	0
782	CRTFP Uy-	0	0	0	0	0	0
784	SLU 1	0.12	0.27	53.04	-0.0224	1.7664	-0.0041
784	SLU 2	0.12	0.37	53.09	-0.0228	1.7688	-0.0035



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
784	SLU 3	0.13	0.3	54.16	-0.0234	1.8126	-0.0044
784	SLU 4	0.13	0.36	54.19	-0.0236	1.8141	-0.004
784	SLU 5	0.13	0.37	53.78	-0.0234	1.7964	-0.0036
784	SLU 6	0.13	0.3	54.86	-0.0239	1.8402	-0.0045
784	SLU 7	0.14	0.36	54.89	-0.0241	1.8417	-0.0041
784	SLU 8	0.14	0.27	54.43	-0.0235	1.8215	-0.0044
784	SLU 9	0.14	0.33	54.46	-0.0237	1.823	-0.004
784	SLU 10	0.16	0.5	59.75	-0.0264	2.0372	-0.0019
784	SLU 11	0.16	0.42	60.83	-0.0269	2.081	-0.0028
784	SLU 12	0.16	0.48	60.86	-0.0272	2.0825	-0.0024
784	SLU 13	0.17	0.49	60.45	-0.0269	2.0648	-0.002
784	SLU 14	0.17	0.42	61.53	-0.0274	2.1086	-0.0029
784	SLU 15	0.17	0.48	61.56	-0.0277	2.11	-0.0025
784	SLU 16	0.17	0.39	61.1	-0.027	2.0899	-0.0028
784	SLU 17	0.17	0.45	61.13	-0.0273	2.0913	-0.0024
784	SLU 18	0.17	0.45	62.56	-0.0275	2.1498	-0.0019
784	SLU 19	0.17	0.51	62.59	-0.0278	2.1512	-0.0015
784	SLU 20	0.18	0.45	63.26	-0.0281	2.1773	-0.002
784	SLU 21	0.18	0.51	63.29	-0.0283	2.1788	-0.0016
784	SLU 22	0.13	0.51	59.43	-0.0231	2.0356	-0.0045
784	SLU 23	0.13	0.61	59.48	-0.0235	2.038	-0.0038
784	SLU 24	0.14	0.54	60.56	-0.024	2.0819	-0.0047
784	SLU 25	0.14	0.6	60.59	-0.0242	2.0833	-0.0043
784	SLU 26	0.14	0.61	60.18	-0.024	2.0656	-0.0039
784	SLU 27	0.14	0.53	61.25	-0.0245	2.1094	-0.0048
784	SLU 28	0.14	0.59	61.28	-0.0247	2.1109	-0.0044
784	SLU 29	0.14	0.51	60.82	-0.0241	2.0908	-0.0047
784	SLU 30	0.15	0.57	60.85	-0.0243	2.0922	-0.0043
784	SLU 31	0.17	0.73	66.15	-0.027	2.3064	-0.0022
784	SLU 32	0.17	0.66	67.22	-0.0276	2.3502	-0.0031
784	SLU 33	0.17	0.72	67.25	-0.0278	2.3517	-0.0027
784	SLU 34	0.17	0.73	66.84	-0.0276	2.334	-0.0023
784	SLU 35	0.18	0.66	67.92	-0.0281	2.3778	-0.0032
784	SLU 36	0.18	0.72	67.95	-0.0283	2.3793	-0.0028
784	SLU 37	0.18	0.63	67.49	-0.0277	2.3591	-0.0031
784	SLU 38	0.18	0.69	67.52	-0.0279	2.3606	-0.0027
784	SLU 39	0.18	0.68	68.96	-0.0282	2.419	-0.0022
784	SLU 40	0.18	0.74	68.99	-0.0284	2.4205	-0.0018
784	SLU 41	0.19	0.68	69.65	-0.0287	2.4466	-0.0023
784	SLU 42	0.19	0.74	69.68	-0.0289	2.448	-0.0019
784	SLU 43	0.16	0.28	66.75	-0.0289	2.204	-0.0053
784	SLU 44	0.16	0.38	66.8	-0.0293	2.2064	-0.0046
784	SLU 45	0.16	0.3	67.88	-0.0299	2.2503	-0.0055
784	SLU 46	0.16	0.36	67.91	-0.0301	2.2517	-0.0051
784	SLU 47	0.16	0.37	67.5	-0.0299	2.234	-0.0047
784	SLU 48	0.17	0.3	68.58	-0.0304	2.2778	-0.0056
784	SLU 49	0.17	0.36	68.61	-0.0306	2.2793	-0.0052
784	SLU 50	0.17	0.27	68.15	-0.03	2.2591	-0.0055
784	SLU 51	0.17	0.33	68.18	-0.0302	2.2606	-0.0051
784	SLU 52	0.19	0.5	73.47	-0.0329	2.4748	-0.003
784	SLU 53	0.2	0.42	74.55	-0.0334	2.5186	-0.0039
784	SLU 54	0.2	0.48	74.58	-0.0337	2.5201	-0.0035
784	SLU 55	0.2	0.5	74.17	-0.0334	2.5024	-0.0031
784	SLU 56	0.2	0.42	75.24	-0.034	2.5462	-0.004
784	SLU 57	0.2	0.48	75.27	-0.0342	2.5476	-0.0036
784	SLU 58	0.2	0.4	74.81	-0.0336	2.5275	-0.0039
784	SLU 59	0.21	0.46	74.84	-0.0338	2.529	-0.0035
784	SLU 60	0.21	0.45	76.28	-0.0341	2.5874	-0.003
784	SLU 61	0.21	0.51	76.31	-0.0343	2.5888	-0.0026
784	SLU 62	0.21	0.45	76.98	-0.0346	2.615	-0.0031
784	SLU 63	0.21	0.51	77.01	-0.0348	2.6164	-0.0027
784	SLU 64	0.17	0.51	73.15	-0.0296	2.4732	-0.0056
784	SLU 65	0.17	0.61	73.2	-0.03	2.4757	-0.0049
784	SLU 66	0.17	0.54	74.27	-0.0305	2.5195	-0.0058
784	SLU 67	0.17	0.6	74.3	-0.0307	2.5209	-0.0054
784	SLU 68	0.17	0.61	73.89	-0.0305	2.5032	-0.0051
784	SLU 69	0.18	0.54	74.97	-0.031	2.5471	-0.0059
784	SLU 70	0.18	0.6	75	-0.0313	2.5485	-0.0056
784	SLU 71	0.18	0.51	74.54	-0.0306	2.5284	-0.0058
784	SLU 72	0.18	0.57	74.57	-0.0308	2.5298	-0.0054
784	SLU 73	0.2	0.73	79.87	-0.0335	2.744	-0.0033
784	SLU 74	0.21	0.66	80.94	-0.0341	2.7879	-0.0042
784	SLU 75	0.21	0.72	80.97	-0.0343	2.7893	-0.0038
784	SLU 76	0.21	0.73	80.56	-0.0341	2.7716	-0.0035
784	SLU 77	0.21	0.66	81.64	-0.0346	2.8154	-0.0043
784	SLU 78	0.21	0.72	81.67	-0.0348	2.8169	-0.004
784	SLU 79	0.21	0.63	81.21	-0.0342	2.7967	-0.0042
784	SLU 80	0.21	0.69	81.24	-0.0344	2.7982	-0.0038
784	SLU 81	0.22	0.69	82.67	-0.0347	2.8566	-0.0033
784	SLU 82	0.22	0.75	82.7	-0.0349	2.8581	-0.0029
784	SLU 83	0.22	0.68	83.37	-0.0352	2.8842	-0.0034
784	SLU 84	0.22	0.74	83.4	-0.0354	2.8856	-0.003
784	SLE RA 1	0.13	0.34	54.86	-0.0226	1.8433	-0.0042
784	SLE RA 2	0.13	0.41	54.9	-0.0229	1.8449	-0.0038
784	SLE RA 3	0.13	0.36	55.61	-0.0232	1.8742	-0.0044
784	SLE RA 4	0.13	0.4	55.63	-0.0234	1.8751	-0.0041
784	SLE RA 5	0.13	0.41	55.36	-0.0232	1.8633	-0.0039
784	SLE RA 6	0.13	0.36	56.08	-0.0236	1.8925	-0.0045
784	SLE RA 7	0.13	0.4	56.1	-0.0237	1.8935	-0.0042



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
784	SLE RA 8	0.13	0.34	55.79	-0.0233	1.8801	-0.0044
784	SLE RA 9	0.13	0.38	55.81	-0.0235	1.881	-0.0041
784	SLE RA 10	0.15	0.49	59.34	-0.0253	2.0238	-0.0027
784	SLE RA 11	0.15	0.44	60.06	-0.0256	2.0531	-0.0033
784	SLE RA 12	0.15	0.48	60.08	-0.0258	2.054	-0.0031
784	SLE RA 13	0.15	0.49	59.8	-0.0256	2.0422	-0.0028
784	SLE RA 14	0.16	0.44	60.52	-0.026	2.0714	-0.0034
784	SLE RA 15	0.16	0.48	60.54	-0.0261	2.0724	-0.0031
784	SLE RA 16	0.16	0.42	60.24	-0.0257	2.059	-0.0033
784	SLE RA 17	0.16	0.46	60.26	-0.0258	2.06	-0.0031
784	SLE RA 18	0.16	0.46	61.21	-0.026	2.0989	-0.0027
784	SLE RA 19	0.16	0.5	61.23	-0.0262	2.0999	-0.0024
784	SLE RA 20	0.16	0.46	61.68	-0.0264	2.1173	-0.0028
784	SLE RA 21	0.16	0.5	61.7	-0.0265	2.1183	-0.0025
784	SLE FR 1	0.13	0.34	54.86	-0.0226	1.8433	-0.0042
784	SLE FR 2	0.13	0.36	54.87	-0.0227	1.8436	-0.0041
784	SLE FR 3	0.13	0.34	55.05	-0.0227	1.8507	-0.0043
784	SLE FR 4	0.14	0.39	56.77	-0.0237	1.9203	-0.0037
784	SLE FR 5	0.14	0.38	56.95	-0.0238	1.9274	-0.0038
784	SLE FR 6	0.14	0.4	58.04	-0.0243	1.9711	-0.0035
784	SLE QP 1	0.13	0.34	54.86	-0.0226	1.8433	-0.0042
784	SLE QP 2	0.14	0.38	56.77	-0.0236	1.92	-0.0038
784	SLD 1	7.19	2.1	59.71	0.007	2.1219	-0.0282
784	SLD 2	6.92	1.96	59.45	0.0058	2.1061	-0.0152
784	SLD 3	7.26	-0.35	59.29	0.012	2.0971	-0.0316
784	SLD 4	6.99	-0.5	59.03	0.0109	2.0813	-0.0186
784	SLD 5	2.19	4.65	58.34	-0.0219	2.0211	-0.0084
784	SLD 6	2.01	4.55	58.17	-0.0227	2.0106	0.0002
784	SLD 7	2.43	-3.54	56.93	-0.0051	1.9383	-0.0195
784	SLD 8	2.26	-3.64	56.76	-0.0058	1.9279	-0.011
784	SLD 9	-1.98	4.39	56.78	-0.0415	1.9121	0.0034
784	SLD 10	-2.16	4.3	56.61	-0.0422	1.9017	0.012
784	SLD 11	-1.74	-3.8	55.37	-0.0246	1.8294	-0.0078
784	SLD 12	-1.92	-3.89	55.19	-0.0253	1.8189	0.0008
784	SLD 13	-6.72	1.25	54.51	-0.0582	1.7587	0.011
784	SLD 14	-6.99	1.11	54.24	-0.0593	1.7429	0.024
784	SLD 15	-6.65	-1.21	54.08	-0.0531	1.7339	0.0077
784	SLD 16	-6.92	-1.35	53.82	-0.0542	1.7181	0.0207
784	SLV 1	16.64	4.32	63.7	0.0482	2.3932	-0.0611
784	SLV 2	16.02	3.99	63.09	0.0456	2.3564	-0.0308
784	SLV 3	16.8	-1.25	62.73	0.0596	2.3371	-0.0687
784	SLV 4	16.18	-1.58	62.12	0.057	2.3003	-0.0384
784	SLV 5	4.94	10.07	60.42	-0.019	2.1534	-0.0147
784	SLV 6	4.54	9.85	60.02	-0.0207	2.1296	0.005
784	SLV 7	5.5	-8.5	57.2	0.0191	1.9664	-0.0401
784	SLV 8	5.1	-8.72	56.8	0.0175	1.9426	-0.0205
784	SLV 9	-4.83	9.47	56.73	-0.0647	1.8974	0.0129
784	SLV 10	-5.23	9.25	56.34	-0.0664	1.8736	0.0325
784	SLV 11	-4.27	-9.1	53.51	-0.0266	1.7104	-0.0125
784	SLV 12	-4.67	-9.31	53.12	-0.0283	1.6866	0.0071
784	SLV 13	-15.91	2.33	51.41	-0.1043	1.5397	0.0308
784	SLV 14	-16.53	2	50.8	-0.1069	1.5029	0.0612
784	SLV 15	-15.74	-3.24	50.45	-0.0928	1.4836	0.0232
784	SLV 16	-16.36	-3.57	49.84	-0.0955	1.4468	0.0536
784	CRTFP Ux+	0	0	0	0	0	0
784	CRTFP Ux-	0	0	0	0	0	0
785	SLU 1	0.08	0.52	39.86	-0.0034	0.0685	0.0589
785	SLU 2	0.08	0.62	39.89	-0.0035	0.069	0.0595
785	SLU 3	0.09	0.55	40.66	-0.0035	0.0689	0.0603
785	SLU 4	0.09	0.61	40.68	-0.0036	0.0692	0.0606
785	SLU 5	0.09	0.62	40.39	-0.0035	0.0686	0.0606
785	SLU 6	0.09	0.55	41.17	-0.0036	0.0685	0.0614
785	SLU 7	0.09	0.61	41.19	-0.0036	0.0688	0.0617
785	SLU 8	0.09	0.53	40.87	-0.0035	0.0677	0.0611
785	SLU 9	0.09	0.59	40.89	-0.0036	0.068	0.0614
785	SLU 10	0.11	0.77	44.69	-0.0039	0.0701	0.0657
785	SLU 11	0.12	0.7	45.46	-0.004	0.07	0.0666
785	SLU 12	0.12	0.76	45.48	-0.004	0.0703	0.0669
785	SLU 13	0.12	0.77	45.19	-0.004	0.0697	0.0668
785	SLU 14	0.12	0.7	45.97	-0.004	0.0696	0.0677
785	SLU 15	0.12	0.76	45.99	-0.0041	0.0699	0.068
785	SLU 16	0.12	0.68	45.67	-0.004	0.0688	0.0674
785	SLU 17	0.12	0.74	45.69	-0.004	0.0691	0.0677
785	SLU 18	0.13	0.73	46.71	-0.0041	0.0701	0.0679
785	SLU 19	0.13	0.79	46.73	-0.0041	0.0704	0.0682
785	SLU 20	0.13	0.74	47.22	-0.0041	0.0697	0.069
785	SLU 21	0.13	0.8	47.24	-0.0042	0.07	0.0693
785	SLU 22	0.09	0.76	44.38	-0.0034	0.0747	0.0636
785	SLU 23	0.09	0.86	44.41	-0.0034	0.0751	0.0642
785	SLU 24	0.09	0.79	45.19	-0.0035	0.075	0.065
785	SLU 25	0.1	0.85	45.2	-0.0035	0.0753	0.0653
785	SLU 26	0.1	0.86	44.92	-0.0035	0.0747	0.0653
785	SLU 27	0.1	0.79	45.69	-0.0035	0.0746	0.0661
785	SLU 28	0.1	0.85	45.71	-0.0036	0.0749	0.0664
785	SLU 29	0.1	0.77	45.39	-0.0035	0.0738	0.0658
785	SLU 30	0.1	0.82	45.41	-0.0035	0.0741	0.0662
785	SLU 31	0.12	1.01	49.21	-0.0039	0.0762	0.0704
785	SLU 32	0.12	0.94	49.99	-0.0039	0.0761	0.0713
785	SLU 33	0.13	1	50.01	-0.004	0.0764	0.0716



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
785	SLU 34	0.13	1.01	49.72	-0.004	0.0758	0.0715
785	SLU 35	0.13	0.94	50.49	-0.004	0.0757	0.0724
785	SLU 36	0.13	1	50.51	-0.004	0.076	0.0727
785	SLU 37	0.13	0.92	50.19	-0.004	0.0749	0.0721
785	SLU 38	0.13	0.98	50.21	-0.004	0.0752	0.0724
785	SLU 39	0.13	0.97	51.24	-0.004	0.0762	0.0726
785	SLU 40	0.13	1.03	51.26	-0.0041	0.0765	0.0729
785	SLU 41	0.14	0.98	51.74	-0.0041	0.0758	0.0737
785	SLU 42	0.14	1.04	51.76	-0.0041	0.0761	0.074
785	SLU 43	0.1	0.59	50.26	-0.0044	0.087	0.075
785	SLU 44	0.1	0.69	50.29	-0.0045	0.0875	0.0755
785	SLU 45	0.11	0.62	51.07	-0.0045	0.0874	0.0764
785	SLU 46	0.11	0.68	51.09	-0.0046	0.0877	0.0767
785	SLU 47	0.11	0.69	50.8	-0.0046	0.0871	0.0766
785	SLU 48	0.12	0.63	51.57	-0.0046	0.087	0.0775
785	SLU 49	0.12	0.68	51.59	-0.0047	0.0872	0.0778
785	SLU 50	0.12	0.6	51.27	-0.0046	0.0862	0.0772
785	SLU 51	0.12	0.66	51.29	-0.0046	0.0865	0.0775
785	SLU 52	0.14	0.84	55.09	-0.005	0.0886	0.0818
785	SLU 53	0.14	0.77	55.87	-0.005	0.0885	0.0827
785	SLU 54	0.14	0.83	55.89	-0.0051	0.0888	0.083
785	SLU 55	0.14	0.84	55.6	-0.005	0.0882	0.0829
785	SLU 56	0.15	0.78	56.37	-0.0051	0.0881	0.0838
785	SLU 57	0.15	0.83	56.39	-0.0051	0.0883	0.0841
785	SLU 58	0.15	0.75	56.07	-0.005	0.0873	0.0835
785	SLU 59	0.15	0.81	56.09	-0.0051	0.0876	0.0838
785	SLU 60	0.15	0.81	57.12	-0.0051	0.0886	0.084
785	SLU 61	0.15	0.87	57.14	-0.0051	0.0889	0.0843
785	SLU 62	0.15	0.81	57.63	-0.0052	0.0882	0.0851
785	SLU 63	0.15	0.87	57.64	-0.0052	0.0885	0.0854
785	SLU 64	0.11	0.83	54.79	-0.0044	0.0931	0.0797
785	SLU 65	0.11	0.93	54.82	-0.0045	0.0936	0.0802
785	SLU 66	0.12	0.86	55.59	-0.0045	0.0935	0.0811
785	SLU 67	0.12	0.92	55.61	-0.0046	0.0938	0.0814
785	SLU 68	0.12	0.93	55.32	-0.0045	0.0932	0.0813
785	SLU 69	0.12	0.86	56.1	-0.0046	0.0931	0.0822
785	SLU 70	0.12	0.92	56.12	-0.0046	0.0933	0.0825
785	SLU 71	0.12	0.84	55.8	-0.0045	0.0923	0.0819
785	SLU 72	0.12	0.9	55.82	-0.0046	0.0926	0.0822
785	SLU 73	0.14	1.08	59.62	-0.0049	0.0947	0.0865
785	SLU 74	0.15	1.01	60.39	-0.005	0.0946	0.0874
785	SLU 75	0.15	1.07	60.41	-0.005	0.0949	0.0877
785	SLU 76	0.15	1.08	60.12	-0.005	0.0943	0.0876
785	SLU 77	0.15	1.02	60.9	-0.005	0.0942	0.0885
785	SLU 78	0.15	1.07	60.92	-0.0051	0.0945	0.0888
785	SLU 79	0.15	0.99	60.6	-0.005	0.0934	0.0882
785	SLU 80	0.15	1.05	60.62	-0.005	0.0937	0.0885
785	SLU 81	0.15	1.05	61.64	-0.0051	0.0947	0.0887
785	SLU 82	0.16	1.11	61.66	-0.0051	0.095	0.089
785	SLU 83	0.16	1.05	62.15	-0.0051	0.0943	0.0898
785	SLU 84	0.16	1.11	62.17	-0.0052	0.0946	0.0901
785	SLE RA 1	0.08	0.59	41.15	-0.0034	0.0703	0.0603
785	SLE RA 2	0.08	0.65	41.17	-0.0034	0.0706	0.0606
785	SLE RA 3	0.09	0.61	41.69	-0.0035	0.0705	0.0612
785	SLE RA 4	0.09	0.65	41.7	-0.0035	0.0707	0.0614
785	SLE RA 5	0.09	0.66	41.51	-0.0035	0.0703	0.0614
785	SLE RA 6	0.09	0.61	42.02	-0.0035	0.0703	0.0619
785	SLE RA 7	0.09	0.65	42.04	-0.0035	0.0704	0.0621
785	SLE RA 8	0.09	0.59	41.82	-0.0035	0.0697	0.0617
785	SLE RA 9	0.09	0.63	41.84	-0.0035	0.0699	0.062
785	SLE RA 10	0.1	0.75	44.37	-0.0037	0.0713	0.0648
785	SLE RA 11	0.11	0.71	44.89	-0.0038	0.0713	0.0654
785	SLE RA 12	0.11	0.75	44.9	-0.0038	0.0715	0.0656
785	SLE RA 13	0.11	0.76	44.71	-0.0038	0.0711	0.0655
785	SLE RA 14	0.11	0.71	45.22	-0.0038	0.071	0.0661
785	SLE RA 15	0.11	0.75	45.24	-0.0038	0.0712	0.0663
785	SLE RA 16	0.11	0.69	45.02	-0.0038	0.0705	0.0659
785	SLE RA 17	0.11	0.73	45.04	-0.0038	0.0707	0.0661
785	SLE RA 18	0.11	0.73	45.72	-0.0038	0.0713	0.0663
785	SLE RA 19	0.11	0.77	45.73	-0.0039	0.0715	0.0665
785	SLE RA 20	0.12	0.73	46.06	-0.0039	0.0711	0.067
785	SLE RA 21	0.12	0.77	46.07	-0.0039	0.0713	0.0672
785	SLE FR 1	0.08	0.59	41.15	-0.0034	0.0703	0.0603
785	SLE FR 2	0.08	0.6	41.15	-0.0034	0.0704	0.0603
785	SLE FR 3	0.09	0.59	41.28	-0.0034	0.0702	0.0606
785	SLE FR 4	0.09	0.64	42.52	-0.0035	0.0707	0.0621
785	SLE FR 5	0.09	0.63	42.65	-0.0035	0.0705	0.0624
785	SLE FR 6	0.1	0.66	43.43	-0.0036	0.0708	0.0633
785	SLE QP 1	0.08	0.59	41.15	-0.0034	0.0703	0.0603
785	SLE QP 2	0.09	0.63	42.52	-0.0035	0.0706	0.0621
785	SLD 1	7.4	1.89	43.34	-0.0019	0.2959	0.0067
785	SLD 2	7.13	1.87	43.27	-0.002	0.2761	0.0196
785	SLD 3	7.32	-0.4	43.09	-0.001	0.2905	0.0091
785	SLD 4	7.05	-0.41	43.02	-0.0011	0.2707	0.022
785	SLD 5	2.46	4.48	43.16	-0.0043	0.15	0.0394
785	SLD 6	2.28	4.47	43.11	-0.0044	0.1369	0.048
785	SLD 7	2.19	-3.14	42.32	-0.0014	0.1319	0.0475
785	SLD 8	2.01	-3.15	42.27	-0.0015	0.1189	0.0561
785	SLD 9	-1.82	4.41	42.77	-0.0055	0.0224	0.0681



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
785	SLD 10	-2	4.4	42.72	-0.0056	0.0093	0.0766
785	SLD 11	-2.09	-3.21	41.93	-0.0027	0.0043	0.0762
785	SLD 12	-2.27	-3.22	41.88	-0.0028	-0.0087	0.0847
785	SLD 13	-6.86	1.68	42.02	-0.0059	-0.1294	0.1021
785	SLD 14	-7.14	1.66	41.95	-0.006	-0.1492	0.115
785	SLD 15	-6.94	-0.61	41.77	-0.005	-0.1348	0.1045
785	SLD 16	-7.22	-0.63	41.7	-0.0052	-0.1547	0.1175
785	SLV 1	17.19	3.49	44.49	0.0004	0.5989	-0.0676
785	SLV 2	16.55	3.45	44.33	0.0001	0.5528	-0.0374
785	SLV 3	17	-1.69	43.92	0.0023	0.5863	-0.062
785	SLV 4	16.37	-1.73	43.75	0.002	0.5402	-0.0318
785	SLV 5	5.61	9.35	44.01	-0.0052	0.2562	0.0095
785	SLV 6	5.2	9.33	43.91	-0.0054	0.2264	0.029
785	SLV 7	5	-7.92	42.1	0.0012	0.2142	0.0281
785	SLV 8	4.59	-7.94	41.99	0.001	0.1844	0.0476
785	SLV 9	-4.4	9.2	43.05	-0.0081	-0.0431	0.0765
785	SLV 10	-4.81	9.18	42.94	-0.0083	-0.073	0.096
785	SLV 11	-5.01	-8.07	41.13	-0.0016	-0.0851	0.0952
785	SLV 12	-5.43	-8.09	41.02	-0.0018	-0.115	0.1147
785	SLV 13	-16.18	2.99	41.29	-0.0091	-0.3989	0.156
785	SLV 14	-16.82	2.95	41.12	-0.0094	-0.4451	0.1861
785	SLV 15	-16.37	-2.19	40.71	-0.0071	-0.4115	0.1616
785	SLV 16	-17	-2.23	40.55	-0.0075	-0.4577	0.1917
785	CRTFP Ux+	0	0	0	0	0	0
785	CRTFP Ux-	0	0	0	0	0	0
786	SLU 1	0.04	1.22	51.43	-0.0165	-1.5579	0.0675
786	SLU 2	0.04	1.33	51.47	-0.0169	-1.5598	0.0673
786	SLU 3	0.04	1.27	52.53	-0.0169	-1.5998	0.0692
786	SLU 4	0.04	1.33	52.56	-0.0171	-1.601	0.0691
786	SLU 5	0.04	1.34	52.16	-0.017	-1.5857	0.0685
786	SLU 6	0.05	1.29	53.23	-0.0171	-1.6257	0.0703
786	SLU 7	0.05	1.35	53.25	-0.0173	-1.6268	0.0702
786	SLU 8	0.05	1.25	52.81	-0.0169	-1.6097	0.0698
786	SLU 9	0.05	1.32	52.84	-0.0171	-1.6108	0.0697
786	SLU 10	0.06	1.55	58.05	-0.0186	-1.8083	0.0729
786	SLU 11	0.07	1.49	59.11	-0.0186	-1.8483	0.0747
786	SLU 12	0.07	1.56	59.14	-0.0189	-1.8495	0.0746
786	SLU 13	0.07	1.57	58.74	-0.0188	-1.8342	0.074
786	SLU 14	0.07	1.51	59.81	-0.0188	-1.8742	0.0759
786	SLU 15	0.07	1.57	59.83	-0.0191	-1.8753	0.0757
786	SLU 16	0.07	1.48	59.4	-0.0186	-1.8582	0.0753
786	SLU 17	0.07	1.54	59.42	-0.0189	-1.8593	0.0752
786	SLU 18	0.07	1.54	60.83	-0.019	-1.9129	0.0754
786	SLU 19	0.07	1.61	60.85	-0.0192	-1.9141	0.0753
786	SLU 20	0.08	1.56	61.52	-0.0192	-1.9388	0.0766
786	SLU 21	0.08	1.62	61.55	-0.0194	-1.9399	0.0765
786	SLU 22	0.04	1.53	57.65	-0.0154	-1.8012	0.0733
786	SLU 23	0.04	1.64	57.69	-0.0158	-1.8032	0.0731
786	SLU 24	0.05	1.58	58.76	-0.0159	-1.8431	0.0749
786	SLU 25	0.05	1.65	58.78	-0.0161	-1.8443	0.0748
786	SLU 26	0.05	1.66	58.39	-0.016	-1.829	0.0742
786	SLU 27	0.05	1.6	59.45	-0.016	-1.869	0.0761
786	SLU 28	0.05	1.66	59.48	-0.0163	-1.8702	0.0759
786	SLU 29	0.05	1.57	59.04	-0.0158	-1.853	0.0755
786	SLU 30	0.05	1.63	59.06	-0.0161	-1.8541	0.0754
786	SLU 31	0.07	1.87	64.27	-0.0176	-2.0517	0.0786
786	SLU 32	0.07	1.81	65.34	-0.0176	-2.0916	0.0805
786	SLU 33	0.07	1.87	65.36	-0.0178	-2.0928	0.0804
786	SLU 34	0.07	1.88	64.97	-0.0178	-2.0775	0.0798
786	SLU 35	0.08	1.82	66.03	-0.0178	-2.1175	0.0816
786	SLU 36	0.08	1.89	66.06	-0.018	-2.1187	0.0815
786	SLU 37	0.08	1.79	65.62	-0.0176	-2.1015	0.0811
786	SLU 38	0.08	1.85	65.64	-0.0178	-2.1026	0.081
786	SLU 39	0.08	1.85	67.05	-0.0179	-2.1562	0.0812
786	SLU 40	0.08	1.92	67.07	-0.0182	-2.1574	0.0811
786	SLU 41	0.08	1.87	67.74	-0.0181	-2.1821	0.0823
786	SLU 42	0.08	1.93	67.77	-0.0184	-2.1833	0.0822
786	SLU 43	0.05	1.48	64.72	-0.0218	-1.9419	0.0858
786	SLU 44	0.05	1.59	64.76	-0.0222	-1.9438	0.0856
786	SLU 45	0.05	1.53	65.83	-0.0222	-1.9838	0.0874
786	SLU 46	0.05	1.59	65.85	-0.0224	-1.9849	0.0873
786	SLU 47	0.05	1.6	65.46	-0.0224	-1.9697	0.0867
786	SLU 48	0.06	1.54	66.52	-0.0224	-2.0096	0.0886
786	SLU 49	0.06	1.61	66.55	-0.0226	-2.0108	0.0885
786	SLU 50	0.06	1.51	66.11	-0.0222	-1.9936	0.0881
786	SLU 51	0.06	1.58	66.13	-0.0224	-1.9948	0.0879
786	SLU 52	0.07	1.81	71.34	-0.0239	-2.1923	0.0911
786	SLU 53	0.07	1.75	72.41	-0.024	-2.2323	0.093
786	SLU 54	0.07	1.82	72.43	-0.0242	-2.2334	0.0929
786	SLU 55	0.08	1.83	72.04	-0.0241	-2.2182	0.0923
786	SLU 56	0.08	1.77	73.1	-0.0242	-2.2581	0.0941
786	SLU 57	0.08	1.83	73.13	-0.0244	-2.2593	0.094
786	SLU 58	0.08	1.74	72.69	-0.0239	-2.2421	0.0936
786	SLU 59	0.08	1.8	72.71	-0.0242	-2.2433	0.0935
786	SLU 60	0.08	1.8	74.12	-0.0243	-2.2969	0.0937
786	SLU 61	0.08	1.86	74.15	-0.0245	-2.298	0.0936
786	SLU 62	0.09	1.82	74.81	-0.0245	-2.3227	0.0948
786	SLU 63	0.09	1.88	74.84	-0.0247	-2.3239	0.0947
786	SLU 64	0.05	1.79	70.94	-0.0208	-2.1852	0.0915



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
786	SLU 65	0.05	1.9	70.99	-0.0211	-2.1871	0.0913
786	SLU 66	0.06	1.84	72.05	-0.0212	-2.2271	0.0932
786	SLU 67	0.06	1.91	72.07	-0.0214	-2.2282	0.0931
786	SLU 68	0.06	1.92	71.68	-0.0213	-2.213	0.0925
786	SLU 69	0.06	1.86	72.74	-0.0214	-2.253	0.0943
786	SLU 70	0.06	1.92	72.77	-0.0216	-2.2541	0.0942
786	SLU 71	0.06	1.83	72.33	-0.0212	-2.2369	0.0938
786	SLU 72	0.06	1.89	72.36	-0.0214	-2.2381	0.0937
786	SLU 73	0.08	2.12	77.57	-0.0229	-2.4356	0.0969
786	SLU 74	0.08	2.06	78.63	-0.0229	-2.4756	0.0988
786	SLU 75	0.08	2.13	78.65	-0.0231	-2.4767	0.0986
786	SLU 76	0.08	2.14	78.26	-0.0231	-2.4615	0.098
786	SLU 77	0.09	2.08	79.32	-0.0231	-2.5015	0.0999
786	SLU 78	0.09	2.15	79.35	-0.0233	-2.5026	0.0998
786	SLU 79	0.09	2.05	78.91	-0.0229	-2.4854	0.0994
786	SLU 80	0.09	2.11	78.94	-0.0231	-2.4866	0.0992
786	SLU 81	0.09	2.11	80.34	-0.0233	-2.5402	0.0995
786	SLU 82	0.09	2.18	80.37	-0.0235	-2.5413	0.0993
786	SLU 83	0.09	2.13	81.04	-0.0235	-2.5661	0.1006
786	SLU 84	0.09	2.19	81.06	-0.0237	-2.5672	0.1005
786	SLE RA 1	0.04	1.31	53.2	-0.0162	-1.6274	0.0691
786	SLE RA 2	0.04	1.38	53.23	-0.0164	-1.6287	0.069
786	SLE RA 3	0.04	1.34	53.94	-0.0165	-1.6554	0.0703
786	SLE RA 4	0.04	1.39	53.96	-0.0166	-1.6561	0.0702
786	SLE RA 5	0.04	1.39	53.69	-0.0166	-1.646	0.0698
786	SLE RA 6	0.04	1.35	54.4	-0.0166	-1.6726	0.071
786	SLE RA 7	0.04	1.4	54.42	-0.0167	-1.6734	0.0709
786	SLE RA 8	0.05	1.33	54.13	-0.0165	-1.6619	0.0707
786	SLE RA 9	0.05	1.38	54.15	-0.0166	-1.6627	0.0706
786	SLE RA 10	0.05	1.53	57.62	-0.0176	-1.7944	0.0727
786	SLE RA 11	0.06	1.49	58.33	-0.0176	-1.821	0.074
786	SLE RA 12	0.06	1.53	58.34	-0.0178	-1.8218	0.0739
786	SLE RA 13	0.06	1.54	58.08	-0.0177	-1.8116	0.0735
786	SLE RA 14	0.06	1.5	58.79	-0.0178	-1.8383	0.0747
786	SLE RA 15	0.06	1.55	58.81	-0.0179	-1.839	0.0746
786	SLE RA 16	0.06	1.48	58.52	-0.0176	-1.8276	0.0744
786	SLE RA 17	0.06	1.52	58.53	-0.0178	-1.8284	0.0743
786	SLE RA 18	0.06	1.52	59.47	-0.0179	-1.8641	0.0744
786	SLE RA 19	0.06	1.57	59.49	-0.018	-1.8649	0.0744
786	SLE RA 20	0.06	1.53	59.93	-0.018	-1.8814	0.0752
786	SLE RA 21	0.06	1.58	59.95	-0.0181	-1.8821	0.0751
786	SLE FR 1	0.04	1.31	53.2	-0.0162	-1.6274	0.0691
786	SLE FR 2	0.04	1.33	53.21	-0.0162	-1.6277	0.0691
786	SLE FR 3	0.04	1.32	53.39	-0.0162	-1.6343	0.0695
786	SLE FR 4	0.04	1.39	55.09	-0.0167	-1.6987	0.0707
786	SLE FR 5	0.05	1.38	55.27	-0.0167	-1.7053	0.071
786	SLE FR 6	0.05	1.42	56.34	-0.017	-1.7458	0.0718
786	SLE QP 1	0.04	1.31	53.2	-0.0162	-1.6274	0.0691
786	SLE QP 2	0.04	1.37	55.08	-0.0167	-1.6984	0.0707
786	SLD 1	7.15	2.2	53.74	-0.0283	-1.511	0.0403
786	SLD 2	6.89	2.31	53.82	-0.0288	-1.522	0.0533
786	SLD 3	7.07	-0.22	53.36	-0.0234	-1.4836	0.0465
786	SLD 4	6.8	-0.11	53.44	-0.0239	-1.4946	0.0594
786	SLD 5	2.35	5.28	55.25	-0.0274	-1.6818	0.05
786	SLD 6	2.18	5.36	55.3	-0.0278	-1.6891	0.0586
786	SLD 7	2.07	-2.8	53.97	-0.0113	-1.5904	0.0704
786	SLD 8	1.89	-2.73	54.02	-0.0116	-1.5977	0.0789
786	SLD 9	-1.81	5.48	56.15	-0.0218	-1.7991	0.0626
786	SLD 10	-1.98	5.55	56.2	-0.0221	-1.8064	0.0711
786	SLD 11	-2.09	-2.61	54.86	-0.0056	-1.7078	0.0829
786	SLD 12	-2.27	-2.53	54.92	-0.006	-1.7151	0.0914
786	SLD 13	-6.71	2.86	56.73	-0.0095	-1.9022	0.0821
786	SLD 14	-6.98	2.97	56.81	-0.01	-1.9133	0.095
786	SLD 15	-6.8	0.44	56.35	-0.0046	-1.8748	0.0882
786	SLD 16	-7.06	0.55	56.42	-0.0051	-1.8859	0.1011
786	SLV 1	16.67	3.22	51.91	-0.0436	-1.2582	-0.0003
786	SLV 2	16.06	3.48	52.09	-0.0448	-1.284	0.0298
786	SLV 3	16.48	-2.28	51.03	-0.0327	-1.1963	0.0136
786	SLV 4	15.86	-2.02	51.21	-0.0339	-1.2221	0.0437
786	SLV 5	5.44	10.22	55.42	-0.0412	-1.6558	0.0232
786	SLV 6	5.04	10.39	55.54	-0.042	-1.6725	0.0427
786	SLV 7	4.78	-8.1	52.51	-0.0047	-1.4494	0.0694
786	SLV 8	4.39	-7.94	52.63	-0.0054	-1.4661	0.0888
786	SLV 9	-4.3	10.69	57.54	-0.028	-1.9308	0.0526
786	SLV 10	-4.7	10.85	57.66	-0.0287	-1.9475	0.0721
786	SLV 11	-4.95	-7.64	54.63	0.0086	-1.7244	0.0988
786	SLV 12	-5.35	-7.47	54.74	0.0078	-1.7411	0.1183
786	SLV 13	-15.77	4.77	58.95	0.0005	-2.1748	0.0978
786	SLV 14	-16.39	5.03	59.14	-0.0007	-2.2006	0.1279
786	SLV 15	-15.97	-0.73	58.08	0.0114	-2.1129	0.1116
786	SLV 16	-16.58	-0.47	58.26	0.0102	-2.1387	0.1417
786	CRTFP Ux+	0	0	0	0	0	0
786	CRTFP Ux-	0	0	0	0	0	0
788	SLU 1	0.02	2.02	76.1	-3.1463	10.2089	-0.2744
788	SLU 2	0.02	2.14	76.17	-3.1505	10.2174	-0.2939
788	SLU 3	0.02	2.09	77.8	-3.2171	10.4351	-0.2842
788	SLU 4	0.02	2.16	77.85	-3.2196	10.4402	-0.2959
788	SLU 5	0.03	2.17	77.24	-3.1944	10.3595	-0.2975
788	SLU 6	0.03	2.12	78.87	-3.261	10.5772	-0.2878



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
788	SLU 7	0.03	2.19	78.91	-3.2636	10.5823	-0.2995
788	SLU 8	0.03	2.07	78.23	-3.2341	10.4931	-0.2816
788	SLU 9	0.03	2.15	78.27	-3.2367	10.4982	-0.2933
788	SLU 10	0.04	2.44	86.32	-3.5693	11.5613	-0.3384
788	SLU 11	0.05	2.39	87.95	-3.6359	11.779	-0.3286
788	SLU 12	0.05	2.47	88	-3.6384	11.7841	-0.3404
788	SLU 13	0.05	2.47	87.38	-3.6132	11.7034	-0.342
788	SLU 14	0.05	2.42	89.02	-3.6798	11.9211	-0.3322
788	SLU 15	0.05	2.49	89.06	-3.6823	11.9262	-0.344
788	SLU 16	0.05	2.38	88.37	-3.6529	11.837	-0.326
788	SLU 17	0.05	2.45	88.42	-3.6554	11.8421	-0.3378
788	SLU 18	0.05	2.45	90.59	-3.7445	12.1288	-0.3379
788	SLU 19	0.05	2.53	90.64	-3.7471	12.1339	-0.3496
788	SLU 20	0.06	2.48	91.66	-3.7885	12.2709	-0.3415
788	SLU 21	0.06	2.55	91.7	-3.791	12.276	-0.3532
788	SLU 22	0.03	2.44	85.81	-3.5381	11.4791	-0.3358
788	SLU 23	0.03	2.56	85.89	-3.5424	11.4876	-0.3553
788	SLU 24	0.03	2.51	87.52	-3.6089	11.7053	-0.3456
788	SLU 25	0.03	2.58	87.56	-3.6115	11.7104	-0.3573
788	SLU 26	0.03	2.58	86.95	-3.5863	11.6297	-0.3589
788	SLU 27	0.04	2.53	88.58	-3.6529	11.8474	-0.3492
788	SLU 28	0.04	2.61	88.63	-3.6554	11.8525	-0.3609
788	SLU 29	0.04	2.49	87.94	-3.626	11.7633	-0.343
788	SLU 30	0.04	2.56	87.98	-3.6285	11.7684	-0.3547
788	SLU 31	0.05	2.86	96.03	-3.9611	12.8315	-0.3998
788	SLU 32	0.05	2.81	97.67	-4.0277	13.0492	-0.39
788	SLU 33	0.05	2.88	97.71	-4.0303	13.0543	-0.4017
788	SLU 34	0.05	2.89	97.1	-4.0051	12.9736	-0.4034
788	SLU 35	0.06	2.84	98.73	-4.0716	13.1913	-0.3936
788	SLU 36	0.06	2.91	98.77	-4.0742	13.1964	-0.4053
788	SLU 37	0.06	2.8	98.09	-4.0447	13.1072	-0.3874
788	SLU 38	0.06	2.87	98.13	-4.0473	13.1123	-0.3992
788	SLU 39	0.06	2.87	100.31	-4.1364	13.3989	-0.3993
788	SLU 40	0.06	2.94	100.35	-4.1389	13.404	-0.411
788	SLU 41	0.06	2.9	101.37	-4.1803	13.541	-0.4029
788	SLU 42	0.06	2.97	101.42	-4.1828	13.5461	-0.4146
788	SLU 43	0.02	2.48	95.6	-3.9558	12.8361	-0.3357
788	SLU 44	0.02	2.6	95.67	-3.9601	12.8446	-0.3552
788	SLU 45	0.03	2.55	97.3	-4.0266	13.0623	-0.3454
788	SLU 46	0.03	2.62	97.35	-4.0292	13.0674	-0.3572
788	SLU 47	0.03	2.63	96.73	-4.004	12.9867	-0.3588
788	SLU 48	0.03	2.58	98.37	-4.0706	13.2044	-0.349
788	SLU 49	0.03	2.65	98.41	-4.0731	13.2095	-0.3608
788	SLU 50	0.03	2.54	97.72	-4.0437	13.1203	-0.3429
788	SLU 51	0.03	2.61	97.77	-4.0462	13.1254	-0.3546
788	SLU 52	0.05	2.91	105.82	-4.3788	14.1885	-0.3997
788	SLU 53	0.05	2.86	107.45	-4.4454	14.4062	-0.3899
788	SLU 54	0.05	2.93	107.49	-4.448	14.4113	-0.4016
788	SLU 55	0.05	2.93	106.88	-4.4228	14.3306	-0.4033
788	SLU 56	0.06	2.88	108.51	-4.4893	14.5483	-0.3935
788	SLU 57	0.06	2.96	108.56	-4.4919	14.5534	-0.4052
788	SLU 58	0.06	2.84	107.87	-4.4624	14.4642	-0.3873
788	SLU 59	0.06	2.91	107.92	-4.465	14.4693	-0.399
788	SLU 60	0.05	2.92	110.09	-4.5541	14.756	-0.3992
788	SLU 61	0.05	2.99	110.14	-4.5566	14.7611	-0.4109
788	SLU 62	0.06	2.94	111.16	-4.598	14.8981	-0.4028
788	SLU 63	0.06	3.02	111.2	-4.6005	14.9032	-0.4145
788	SLU 64	0.03	2.9	105.31	-4.3477	14.1063	-0.397
788	SLU 65	0.03	3.02	105.39	-4.3519	14.1148	-0.4166
788	SLU 66	0.03	2.97	107.02	-4.4185	14.3325	-0.4068
788	SLU 67	0.03	3.04	107.06	-4.421	14.3376	-0.4186
788	SLU 68	0.04	3.05	106.45	-4.3958	14.2569	-0.4202
788	SLU 69	0.04	3	108.08	-4.4624	14.4746	-0.4104
788	SLU 70	0.04	3.07	108.13	-4.4649	14.4797	-0.4222
788	SLU 71	0.04	2.95	107.44	-4.4355	14.3905	-0.4042
788	SLU 72	0.04	3.03	107.48	-4.4381	14.3956	-0.416
788	SLU 73	0.05	3.32	115.53	-4.7707	15.4587	-0.4611
788	SLU 74	0.06	3.27	117.17	-4.8373	15.6764	-0.4513
788	SLU 75	0.06	3.35	117.21	-4.8398	15.6815	-0.463
788	SLU 76	0.06	3.35	116.6	-4.8146	15.6008	-0.4647
788	SLU 77	0.06	3.3	118.23	-4.8812	15.8185	-0.4549
788	SLU 78	0.06	3.37	118.27	-4.8837	15.8236	-0.4666
788	SLU 79	0.06	3.26	117.59	-4.8543	15.7344	-0.4487
788	SLU 80	0.06	3.33	117.63	-4.8568	15.7395	-0.4604
788	SLU 81	0.06	3.33	119.81	-4.9459	16.0261	-0.4605
788	SLU 82	0.06	3.41	119.85	-4.9485	16.0312	-0.4723
788	SLU 83	0.07	3.36	120.87	-4.9898	16.1682	-0.4641
788	SLU 84	0.07	3.43	120.92	-4.9924	16.1733	-0.4759
788	SLE RA 1	0.02	2.14	78.87	-3.2583	10.5719	-0.2919
788	SLE RA 2	0.02	2.22	78.92	-3.2611	10.5775	-0.305
788	SLE RA 3	0.02	2.18	80.01	-3.3055	10.7226	-0.2984
788	SLE RA 4	0.02	2.23	80.04	-3.3071	10.726	-0.3063
788	SLE RA 5	0.03	2.24	79.63	-3.2904	10.6722	-0.3074
788	SLE RA 6	0.03	2.2	80.72	-3.3347	10.8174	-0.3008
788	SLE RA 7	0.03	2.25	80.75	-3.3364	10.8208	-0.3087
788	SLE RA 8	0.03	2.17	80.29	-3.3168	10.7613	-0.2967
788	SLE RA 9	0.03	2.22	80.32	-3.3185	10.7647	-0.3045
788	SLE RA 10	0.04	2.42	85.69	-3.5403	11.4734	-0.3346
788	SLE RA 11	0.04	2.39	86.78	-3.5846	11.6186	-0.3281



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
788	SLE RA 12	0.04	2.44	86.81	-3.5863	11.622	-0.3359
788	SLE RA 13	0.04	2.44	86.4	-3.5685	11.5682	-0.337
788	SLE RA 14	0.04	2.41	87.49	-3.6139	11.7133	-0.3305
788	SLE RA 15	0.04	2.45	87.51	-3.6156	11.7167	-0.3383
788	SLE RA 16	0.04	2.38	87.06	-3.596	11.6572	-0.3264
788	SLE RA 17	0.04	2.43	87.09	-3.5977	11.6606	-0.3342
788	SLE RA 18	0.04	2.43	88.54	-3.6571	11.8517	-0.3343
788	SLE RA 19	0.04	2.48	88.57	-3.6588	11.8551	-0.3421
788	SLE RA 20	0.05	2.45	89.25	-3.6864	11.9465	-0.3367
788	SLE RA 21	0.05	2.49	89.28	-3.6881	11.9499	-0.3445
788	SLE FR 1	0.02	2.14	78.87	-3.2583	10.5719	-0.2919
788	SLE FR 2	0.02	2.15	78.88	-3.2588	10.573	-0.2945
788	SLE FR 3	0.02	2.15	79.16	-3.27	10.6097	-0.2929
788	SLE FR 4	0.03	2.24	81.78	-3.3785	10.9569	-0.3072
788	SLE FR 5	0.03	2.23	82.06	-3.3896	10.9937	-0.3056
788	SLE FR 6	0.03	2.28	83.71	-3.4577	11.2118	-0.3131
788	SLE QP 1	0.02	2.14	78.87	-3.2583	10.5719	-0.2919
788	SLE QP 2	0.03	2.22	81.77	-3.3779	10.9558	-0.3046
788	SLD 1	7.3	3.07	78.43	-3.278	10.6485	-0.149
788	SLD 2	7.04	3.35	78.59	-3.2864	10.6701	-0.1883
788	SLD 3	7.21	0.31	77.63	-3.228	10.5731	0.2886
788	SLD 4	6.94	0.58	77.79	-3.2364	10.5947	0.2493
788	SLD 5	2.4	6.62	81.96	-3.4223	10.9742	-0.9146
788	SLD 6	2.23	6.8	82.06	-3.4278	10.9884	-0.9404
788	SLD 7	2.08	-2.59	79.28	-3.2556	10.7227	0.5441
788	SLD 8	1.91	-2.41	79.39	-3.2611	10.7369	0.5182
788	SLD 9	-1.85	6.86	84.16	-3.4947	11.1747	-1.1274
788	SLD 10	-2.03	7.04	84.26	-3.5002	11.1889	-1.1533
788	SLD 11	-2.18	-2.35	81.48	-3.328	10.9232	0.3312
788	SLD 12	-2.35	-2.17	81.59	-3.3335	10.9375	0.3053
788	SLD 13	-6.89	3.87	85.76	-3.5194	11.317	-0.8585
788	SLD 14	-7.15	4.14	85.92	-3.5278	11.3386	-0.8979
788	SLD 15	-6.99	1.1	84.96	-3.4694	11.2415	-0.421
788	SLD 16	-7.25	1.38	85.12	-3.4778	11.2631	-0.4603
788	SLV 1	17.05	4.1	73.89	-3.141	10.2291	0.0761
788	SLV 2	16.44	4.73	74.27	-3.1605	10.2794	-0.0154
788	SLV 3	16.83	-2.17	72.07	-3.0278	10.0579	1.0681
788	SLV 4	16.21	-1.53	72.45	-3.0474	10.1082	0.9765
788	SLV 5	5.57	12.18	82.09	-3.4751	10.9887	-1.679
788	SLV 6	5.18	12.59	82.34	-3.4877	11.0213	-1.7382
788	SLV 7	4.84	-8.71	76.05	-3.0978	10.418	1.6275
788	SLV 8	4.44	-8.29	76.29	-3.1105	10.4506	1.5683
788	SLV 9	-4.39	12.74	87.25	-3.6453	11.461	-2.1775
788	SLV 10	-4.78	13.16	87.5	-3.658	11.4936	-2.2368
788	SLV 11	-5.12	-8.14	81.21	-3.2681	10.8903	1.1289
788	SLV 12	-5.52	-7.73	81.45	-3.2807	10.9229	1.0697
788	SLV 13	-16.16	5.98	91.1	-3.7084	11.8034	-1.5858
788	SLV 14	-16.77	6.62	91.47	-3.728	11.8538	-1.6773
788	SLV 15	-16.38	-0.28	89.28	-3.5953	11.6322	-0.5939
788	SLV 16	-16.99	0.35	89.66	-3.6148	11.6826	-0.6854
788	CRTFP Ux+	0	0	0	0	0	0
788	CRTFP Ux-	0	0	0	0	0	0
788	CRTFP Uy+	0	0	0	0	0	0
788	CRTFP Uy-	0	0	0	0	0	0
790	SLU 1	-0.01	0.45	15.74	0.0023	-4.0191	0.1118
790	SLU 2	-0.01	0.47	15.75	0.0022	-4.0229	0.1175
790	SLU 3	-0.01	0.46	16.09	0.0023	-4.1097	0.1156
790	SLU 4	-0.01	0.48	16.1	0.0023	-4.1119	0.119
790	SLU 5	-0.01	0.48	15.97	0.0023	-4.0792	0.119
790	SLU 6	-0.01	0.47	16.31	0.0024	-4.166	0.1171
790	SLU 7	-0.01	0.48	16.32	0.0023	-4.1683	0.1205
790	SLU 8	-0.01	0.46	16.18	0.0023	-4.1318	0.1149
790	SLU 9	-0.01	0.47	16.19	0.0023	-4.1341	0.1183
790	SLU 10	-0.01	0.53	17.86	0.0025	-4.5625	0.1332
790	SLU 11	-0.01	0.53	18.2	0.0026	-4.6492	0.1314
790	SLU 12	-0.01	0.54	18.21	0.0026	-4.6515	0.1348
790	SLU 13	-0.01	0.54	18.08	0.0025	-4.6188	0.1348
790	SLU 14	-0.01	0.53	18.42	0.0026	-4.7056	0.1329
790	SLU 15	-0.01	0.55	18.43	0.0026	-4.7079	0.1363
790	SLU 16	-0.01	0.52	18.29	0.0026	-4.6714	0.1307
790	SLU 17	-0.01	0.54	18.3	0.0026	-4.6736	0.1341
790	SLU 18	-0.01	0.54	18.75	0.0026	-4.7899	0.1343
790	SLU 19	-0.01	0.55	18.76	0.0026	-4.7922	0.1377
790	SLU 20	-0.01	0.54	18.97	0.0027	-4.8463	0.1359
790	SLU 21	-0.01	0.56	18.98	0.0027	-4.8485	0.1393
790	SLU 22	-0.01	0.53	17.78	0.0027	-4.5432	0.1334
790	SLU 23	-0.01	0.56	17.79	0.0027	-4.547	0.1391
790	SLU 24	-0.01	0.55	18.13	0.0028	-4.6338	0.1372
790	SLU 25	-0.01	0.56	18.14	0.0028	-4.636	0.1406
790	SLU 26	-0.01	0.56	18.01	0.0027	-4.6034	0.1406
790	SLU 27	-0.01	0.56	18.35	0.0028	-4.6901	0.1388
790	SLU 28	-0.01	0.57	18.36	0.0028	-4.6924	0.1422
790	SLU 29	-0.01	0.55	18.22	0.0028	-4.6559	0.1365
790	SLU 30	-0.01	0.56	18.23	0.0028	-4.6582	0.1399
790	SLU 31	-0.01	0.62	19.9	0.003	-5.0866	0.1549
790	SLU 32	-0.01	0.61	20.24	0.0031	-5.1733	0.153
790	SLU 33	-0.01	0.63	20.25	0.003	-5.1756	0.1564
790	SLU 34	-0.01	0.63	20.12	0.003	-5.1429	0.1564
790	SLU 35	-0.01	0.62	20.46	0.0031	-5.2297	0.1545



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
790	SLU 36	-0.01	0.63	20.47	0.0031	-5.232	0.1579
790	SLU 37	-0.01	0.61	20.33	0.0031	-5.1955	0.1523
790	SLU 38	-0.01	0.62	20.34	0.0031	-5.1978	0.1557
790	SLU 39	-0.01	0.62	20.79	0.0031	-5.314	0.156
790	SLU 40	-0.01	0.64	20.8	0.0031	-5.3163	0.1594
790	SLU 41	-0.01	0.63	21.01	0.0032	-5.3704	0.1575
790	SLU 42	-0.01	0.64	21.02	0.0031	-5.3726	0.1609
790	SLU 43	-0.01	0.55	19.76	0.0028	-5.0451	0.1379
790	SLU 44	-0.01	0.57	19.77	0.0027	-5.0489	0.1436
790	SLU 45	-0.01	0.57	20.11	0.0028	-5.1357	0.1417
790	SLU 46	-0.01	0.58	20.12	0.0028	-5.138	0.1451
790	SLU 47	-0.01	0.58	19.99	0.0028	-5.1053	0.1451
790	SLU 48	-0.01	0.57	20.33	0.0029	-5.192	0.1433
790	SLU 49	-0.01	0.59	20.34	0.0029	-5.1943	0.1467
790	SLU 50	-0.01	0.56	20.2	0.0029	-5.1578	0.141
790	SLU 51	-0.01	0.58	20.21	0.0028	-5.1601	0.1444
790	SLU 52	-0.01	0.64	21.88	0.003	-5.5885	0.1594
790	SLU 53	-0.01	0.63	22.22	0.0031	-5.6753	0.1575
790	SLU 54	-0.01	0.64	22.23	0.0031	-5.6775	0.1609
790	SLU 55	-0.01	0.64	22.1	0.003	-5.6448	0.1609
790	SLU 56	-0.01	0.64	22.44	0.0032	-5.7316	0.159
790	SLU 57	-0.01	0.65	22.45	0.0031	-5.7339	0.1624
790	SLU 58	-0.01	0.63	22.31	0.0031	-5.6974	0.1568
790	SLU 59	-0.01	0.64	22.32	0.0031	-5.6997	0.1602
790	SLU 60	-0.01	0.64	22.77	0.0032	-5.8159	0.1605
790	SLU 61	-0.01	0.66	22.78	0.0031	-5.8182	0.1639
790	SLU 62	-0.01	0.65	22.99	0.0032	-5.8723	0.162
790	SLU 63	-0.01	0.66	23	0.0032	-5.8746	0.1654
790	SLU 64	-0.01	0.64	21.8	0.0033	-5.5692	0.1596
790	SLU 65	-0.01	0.66	21.81	0.0032	-5.573	0.1652
790	SLU 66	-0.01	0.65	22.15	0.0033	-5.6598	0.1633
790	SLU 67	-0.01	0.67	22.16	0.0033	-5.6621	0.1667
790	SLU 68	-0.01	0.67	22.03	0.0033	-5.6294	0.1668
790	SLU 69	-0.01	0.66	22.37	0.0034	-5.7161	0.1649
790	SLU 70	-0.01	0.67	22.38	0.0033	-5.7184	0.1683
790	SLU 71	-0.01	0.65	22.24	0.0033	-5.6819	0.1627
790	SLU 72	-0.01	0.66	22.25	0.0033	-5.6842	0.1661
790	SLU 73	-0.01	0.72	23.92	0.0035	-6.1126	0.181
790	SLU 74	-0.01	0.72	24.26	0.0036	-6.1994	0.1791
790	SLU 75	-0.01	0.73	24.27	0.0036	-6.2016	0.1825
790	SLU 76	-0.01	0.73	24.14	0.0035	-6.169	0.1825
790	SLU 77	-0.01	0.72	24.48	0.0036	-6.2557	0.1807
790	SLU 78	-0.01	0.74	24.49	0.0036	-6.258	0.1841
790	SLU 79	-0.01	0.71	24.35	0.0036	-6.2215	0.1784
790	SLU 80	-0.01	0.73	24.36	0.0036	-6.2238	0.1818
790	SLU 81	-0.01	0.73	24.81	0.0036	-6.34	0.1821
790	SLU 82	-0.01	0.74	24.82	0.0036	-6.3423	0.1855
790	SLU 83	-0.01	0.73	25.03	0.0037	-6.3964	0.1836
790	SLU 84	-0.01	0.75	25.04	0.0037	-6.3987	0.187
790	SLE RA 1	-0.01	0.47	16.32	0.0024	-4.1688	0.118
790	SLE RA 2	-0.01	0.49	16.33	0.0024	-4.1714	0.1218
790	SLE RA 3	-0.01	0.48	16.56	0.0024	-4.2292	0.1205
790	SLE RA 4	-0.01	0.49	16.56	0.0024	-4.2307	0.1228
790	SLE RA 5	-0.01	0.49	16.48	0.0024	-4.2089	0.1228
790	SLE RA 6	-0.01	0.49	16.7	0.0025	-4.2668	0.1215
790	SLE RA 7	-0.01	0.5	16.71	0.0025	-4.2683	0.1238
790	SLE RA 8	-0.01	0.48	16.61	0.0025	-4.244	0.12
790	SLE RA 9	-0.01	0.49	16.62	0.0024	-4.2455	0.1223
790	SLE RA 10	-0.01	0.53	17.74	0.0026	-4.5311	0.1323
790	SLE RA 11	-0.01	0.52	17.96	0.0026	-4.5889	0.131
790	SLE RA 12	-0.01	0.53	17.97	0.0026	-4.5904	0.1333
790	SLE RA 13	-0.01	0.53	17.88	0.0026	-4.5687	0.1333
790	SLE RA 14	-0.01	0.53	18.11	0.0026	-4.6265	0.1321
790	SLE RA 15	-0.01	0.54	18.12	0.0026	-4.628	0.1343
790	SLE RA 16	-0.01	0.52	18.02	0.0026	-4.6037	0.1306
790	SLE RA 17	-0.01	0.53	18.03	0.0026	-4.6052	0.1328
790	SLE RA 18	-0.01	0.53	18.33	0.0027	-4.6827	0.133
790	SLE RA 19	-0.01	0.54	18.33	0.0026	-4.6842	0.1353
790	SLE RA 20	-0.01	0.54	18.48	0.0027	-4.7203	0.134
790	SLE RA 21	-0.01	0.55	18.48	0.0027	-4.7218	0.1363
790	SLE FR 1	-0.01	0.47	16.32	0.0024	-4.1688	0.118
790	SLE FR 2	-0.01	0.48	16.32	0.0024	-4.1693	0.1187
790	SLE FR 3	-0.01	0.47	16.38	0.0024	-4.1839	0.1184
790	SLE FR 4	-0.01	0.49	16.92	0.0025	-4.3235	0.1233
790	SLE FR 5	-0.01	0.49	16.98	0.0025	-4.338	0.1229
790	SLE FR 6	-0.01	0.5	17.32	0.0025	-4.4258	0.1255
790	SLE QP 1	-0.01	0.47	16.32	0.0024	-4.1688	0.118
790	SLE QP 2	-0.01	0.49	16.92	0.0025	-4.323	0.1225
790	SLD 1	1.38	0.65	16.09	0.0014	-4.0853	0.1629
790	SLD 2	1.32	0.72	16.12	0.0014	-4.0935	0.1794
790	SLD 3	1.36	0.12	15.94	0.0023	-4.0383	0.0303
790	SLD 4	1.3	0.19	15.97	0.0022	-4.0466	0.0468
790	SLD 5	0.44	1.33	16.9	0.001	-4.3214	0.3328
790	SLD 6	0.4	1.37	16.91	0.0009	-4.3268	0.3437
790	SLD 7	0.38	-0.44	16.39	0.0037	-4.165	-0.1093
790	SLD 8	0.34	-0.39	16.41	0.0036	-4.1704	-0.0984
790	SLD 9	-0.37	1.37	17.43	0.0014	-4.4756	0.3434
790	SLD 10	-0.41	1.42	17.45	0.0013	-4.481	0.3543
790	SLD 11	-0.42	-0.39	16.93	0.0041	-4.3192	-0.0987



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
790	SLD 12	-0.46	-0.35	16.95	0.004	-4.3246	-0.0878
790	SLD 13	-1.32	0.79	17.88	0.0028	-4.5994	0.1982
790	SLD 14	-1.38	0.86	17.91	0.0027	-4.6077	0.2147
790	SLD 15	-1.34	0.26	17.73	0.0036	-4.5525	0.0656
790	SLD 16	-1.4	0.33	17.76	0.0035	-4.5607	0.0821
790	SLV 1	3.24	0.85	14.96	0.0001	-3.764	0.2114
790	SLV 2	3.09	1	15.03	-0.0001	-3.7832	0.2499
790	SLV 3	3.2	-0.35	14.62	0.0019	-3.6578	-0.0892
790	SLV 4	3.05	-0.2	14.69	0.0017	-3.677	-0.0507
790	SLV 5	1.05	2.39	16.84	-0.001	-4.313	0.5984
790	SLV 6	0.96	2.49	16.88	-0.0011	-4.3254	0.6233
790	SLV 7	0.92	-1.61	15.7	0.0051	-3.9591	-0.4036
790	SLV 8	0.82	-1.51	15.75	0.005	-3.9715	-0.3787
790	SLV 9	-0.84	2.49	18.1	0	-4.6745	0.6237
790	SLV 10	-0.94	2.59	18.14	-0.0002	-4.6869	0.6486
790	SLV 11	-0.98	-1.51	16.96	0.0061	-4.3206	-0.3783
790	SLV 12	-1.07	-1.41	17.01	0.0059	-4.333	-0.3534
790	SLV 13	-3.07	1.18	19.16	0.0032	-4.969	0.2957
790	SLV 14	-3.22	1.33	19.23	0.003	-4.9882	0.3342
790	SLV 15	-3.11	-0.02	18.81	0.0051	-4.8628	-0.0049
790	SLV 16	-3.26	0.13	18.88	0.0049	-4.882	0.0336
790	CRTFP Ux+	0	0	0	0	0	0
790	CRTFP Ux-	0	0	0	0	0	0
790	CRTFP Uy+	0	0	0	0	0	0
790	CRTFP Uy-	0	0	0	0	0	0
792	SLU 1	-0.48	0.54	31.17	-0.0232	-3.1323	0.1359
792	SLU 2	-0.48	0.64	31.2	-0.0232	-3.1345	0.1604
792	SLU 3	-0.49	0.56	31.91	-0.0239	-3.1969	0.14
792	SLU 4	-0.49	0.61	31.93	-0.0238	-3.1983	0.1546
792	SLU 5	-0.49	0.65	31.65	-0.0236	-3.1739	0.1634
792	SLU 6	-0.5	0.57	32.37	-0.0242	-3.2364	0.143
792	SLU 7	-0.5	0.63	32.38	-0.0242	-3.2377	0.1576
792	SLU 8	-0.5	0.56	32.08	-0.024	-3.2111	0.1419
792	SLU 9	-0.5	0.62	32.09	-0.024	-3.2124	0.1566
792	SLU 10	-0.51	0.75	34.77	-0.0261	-3.4605	0.1897
792	SLU 11	-0.52	0.67	35.49	-0.0267	-3.5229	0.1693
792	SLU 12	-0.52	0.73	35.5	-0.0267	-3.5243	0.184
792	SLU 13	-0.52	0.77	35.22	-0.0265	-3.4999	0.1927
792	SLU 14	-0.53	0.68	35.94	-0.0271	-3.5623	0.1723
792	SLU 15	-0.53	0.74	35.95	-0.0271	-3.5637	0.187
792	SLU 16	-0.53	0.68	35.65	-0.0269	-3.5371	0.1712
792	SLU 17	-0.52	0.74	35.66	-0.0268	-3.5384	0.1859
792	SLU 18	-0.52	0.71	36.28	-0.0273	-3.5979	0.1778
792	SLU 19	-0.52	0.76	36.29	-0.0273	-3.5993	0.1925
792	SLU 20	-0.53	0.72	36.73	-0.0277	-3.6373	0.1808
792	SLU 21	-0.53	0.78	36.74	-0.0277	-3.6387	0.1955
792	SLU 22	-0.52	0.65	34.8	-0.026	-3.4598	0.1627
792	SLU 23	-0.52	0.74	34.82	-0.0259	-3.462	0.1872
792	SLU 24	-0.53	0.66	35.54	-0.0266	-3.5245	0.1668
792	SLU 25	-0.53	0.72	35.55	-0.0265	-3.5258	0.1814
792	SLU 26	-0.53	0.76	35.27	-0.0263	-3.5014	0.1902
792	SLU 27	-0.54	0.67	35.99	-0.0269	-3.5639	0.1698
792	SLU 28	-0.54	0.73	36	-0.0269	-3.5652	0.1844
792	SLU 29	-0.54	0.67	35.71	-0.0267	-3.5386	0.1687
792	SLU 30	-0.54	0.73	35.72	-0.0267	-3.54	0.1834
792	SLU 31	-0.55	0.86	38.39	-0.0288	-3.788	0.2165
792	SLU 32	-0.56	0.78	39.11	-0.0294	-3.8504	0.1961
792	SLU 33	-0.56	0.84	39.12	-0.0294	-3.8518	0.2108
792	SLU 34	-0.56	0.87	38.84	-0.0292	-3.8274	0.2195
792	SLU 35	-0.57	0.79	39.56	-0.0298	-3.8899	0.1991
792	SLU 36	-0.57	0.85	39.58	-0.0298	-3.8912	0.2138
792	SLU 37	-0.57	0.79	39.28	-0.0296	-3.8646	0.198
792	SLU 38	-0.56	0.85	39.29	-0.0296	-3.8659	0.2127
792	SLU 39	-0.56	0.81	39.9	-0.03	-3.9255	0.2046
792	SLU 40	-0.56	0.87	39.91	-0.03	-3.9268	0.2193
792	SLU 41	-0.57	0.82	40.35	-0.0304	-3.9649	0.2076
792	SLU 42	-0.57	0.88	40.37	-0.0304	-3.9662	0.2223
792	SLU 43	-0.61	0.67	39.28	-0.0293	-3.9596	0.1675
792	SLU 44	-0.61	0.76	39.31	-0.0293	-3.9619	0.192
792	SLU 45	-0.62	0.68	40.02	-0.0299	-4.0243	0.1716
792	SLU 46	-0.62	0.74	40.04	-0.0299	-4.0257	0.1862
792	SLU 47	-0.62	0.77	39.76	-0.0297	-4.0013	0.195
792	SLU 48	-0.63	0.69	40.48	-0.0303	-4.0637	0.1746
792	SLU 49	-0.63	0.75	40.49	-0.0303	-4.0651	0.1892
792	SLU 50	-0.63	0.69	40.19	-0.0301	-4.0385	0.1735
792	SLU 51	-0.63	0.75	40.2	-0.03	-4.0398	0.1882
792	SLU 52	-0.64	0.88	42.88	-0.0321	-4.2878	0.2213
792	SLU 53	-0.65	0.8	43.59	-0.0328	-4.3503	0.2009
792	SLU 54	-0.65	0.86	43.61	-0.0327	-4.3516	0.2156
792	SLU 55	-0.65	0.89	43.33	-0.0325	-4.3273	0.2243
792	SLU 56	-0.66	0.81	44.05	-0.0331	-4.3897	0.2039
792	SLU 57	-0.66	0.87	44.06	-0.0331	-4.3911	0.2186
792	SLU 58	-0.66	0.81	43.76	-0.0329	-4.3644	0.2028
792	SLU 59	-0.66	0.86	43.77	-0.0329	-4.3658	0.2175
792	SLU 60	-0.65	0.83	44.39	-0.0334	-4.4253	0.2094
792	SLU 61	-0.65	0.89	44.4	-0.0334	-4.4267	0.2241
792	SLU 62	-0.66	0.84	44.84	-0.0337	-4.4647	0.2124
792	SLU 63	-0.66	0.9	44.85	-0.0337	-4.4661	0.2271
792	SLU 64	-0.65	0.77	42.91	-0.032	-4.2872	0.1943



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
792	SLU 65	-0.65	0.87	42.93	-0.032	-4.2894	0.2188
792	SLU 66	-0.66	0.79	43.65	-0.0326	-4.3518	0.1984
792	SLU 67	-0.66	0.85	43.66	-0.0326	-4.3532	0.213
792	SLU 68	-0.66	0.88	43.38	-0.0324	-4.3288	0.2217
792	SLU 69	-0.67	0.8	44.1	-0.033	-4.3913	0.2013
792	SLU 70	-0.67	0.86	44.11	-0.033	-4.3926	0.216
792	SLU 71	-0.67	0.8	43.81	-0.0328	-4.366	0.2003
792	SLU 72	-0.67	0.85	43.83	-0.0327	-4.3673	0.215
792	SLU 73	-0.68	0.99	46.5	-0.0348	-4.6154	0.2481
792	SLU 74	-0.69	0.9	47.22	-0.0355	-4.6778	0.2277
792	SLU 75	-0.69	0.96	47.23	-0.0354	-4.6792	0.2424
792	SLU 76	-0.69	1	46.95	-0.0352	-4.6548	0.2511
792	SLU 77	-0.7	0.92	47.67	-0.0358	-4.7172	0.2307
792	SLU 78	-0.7	0.97	47.69	-0.0358	-4.7186	0.2453
792	SLU 79	-0.7	0.91	47.39	-0.0356	-4.692	0.2296
792	SLU 80	-0.7	0.97	47.4	-0.0356	-4.6933	0.2443
792	SLU 81	-0.69	0.94	48.01	-0.0361	-4.7528	0.2362
792	SLU 82	-0.69	1	48.02	-0.0361	-4.7542	0.2509
792	SLU 83	-0.7	0.95	48.46	-0.0365	-4.7923	0.2392
792	SLU 84	-0.7	1.01	48.48	-0.0364	-4.7936	0.2539
792	SLE RA 1	-0.49	0.57	32.21	-0.024	-3.2258	0.1436
792	SLE RA 2	-0.49	0.64	32.22	-0.024	-3.2273	0.1599
792	SLE RA 3	-0.5	0.58	32.7	-0.0244	-3.269	0.1463
792	SLE RA 4	-0.5	0.62	32.71	-0.0244	-3.2699	0.1561
792	SLE RA 5	-0.5	0.64	32.53	-0.0243	-3.2536	0.1619
792	SLE RA 6	-0.51	0.59	33.01	-0.0247	-3.2952	0.1483
792	SLE RA 7	-0.51	0.63	33.01	-0.0247	-3.2961	0.1581
792	SLE RA 8	-0.5	0.59	32.81	-0.0245	-3.2784	0.1476
792	SLE RA 9	-0.5	0.63	32.82	-0.0245	-3.2793	0.1573
792	SLE RA 10	-0.51	0.71	34.61	-0.0259	-3.4446	0.1794
792	SLE RA 11	-0.52	0.66	35.08	-0.0263	-3.4863	0.1658
792	SLE RA 12	-0.52	0.7	35.09	-0.0263	-3.4872	0.1756
792	SLE RA 13	-0.52	0.72	34.91	-0.0262	-3.4709	0.1814
792	SLE RA 14	-0.53	0.67	35.39	-0.0266	-3.5125	0.1678
792	SLE RA 15	-0.52	0.71	35.39	-0.0266	-3.5134	0.1776
792	SLE RA 16	-0.52	0.66	35.19	-0.0264	-3.4957	0.1671
792	SLE RA 17	-0.52	0.7	35.2	-0.0264	-3.4966	0.1769
792	SLE RA 18	-0.52	0.68	35.61	-0.0267	-3.5363	0.1715
792	SLE RA 19	-0.52	0.72	35.62	-0.0267	-3.5372	0.1813
792	SLE RA 20	-0.53	0.69	35.91	-0.027	-3.5626	0.1735
792	SLE RA 21	-0.53	0.73	35.92	-0.027	-3.5635	0.1833
792	SLE FR 1	-0.49	0.57	32.21	-0.024	-3.2258	0.1436
792	SLE FR 2	-0.49	0.58	32.21	-0.024	-3.2261	0.1468
792	SLE FR 3	-0.5	0.57	32.33	-0.0241	-3.2363	0.1444
792	SLE FR 4	-0.5	0.62	33.23	-0.0248	-3.3193	0.1552
792	SLE FR 5	-0.5	0.61	33.35	-0.0249	-3.3295	0.1528
792	SLE FR 6	-0.51	0.63	33.91	-0.0254	-3.3811	0.1576
792	SLE QP 1	-0.49	0.57	32.21	-0.024	-3.2258	0.1436
792	SLE QP 2	-0.5	0.6	33.23	-0.0248	-3.319	0.152
792	SLD 1	2.03	1.28	41.77	-0.0349	-4.1035	0.3196
792	SLD 2	1.88	0.72	42	-0.0333	-4.1096	0.1814
792	SLD 3	1.96	-0.07	41.99	-0.0323	-4.0887	-0.0182
792	SLD 4	1.81	-0.63	42.22	-0.0307	-4.0948	-0.1564
792	SLD 5	0.39	2.95	35.42	-0.0321	-3.5757	0.7395
792	SLD 6	0.29	2.59	35.57	-0.031	-3.5797	0.6484
792	SLD 7	0.16	-1.55	36.15	-0.0234	-3.5263	-0.3867
792	SLD 8	0.06	-1.91	36.3	-0.0224	-3.5303	-0.4777
792	SLD 9	-1.06	3.12	30.17	-0.0273	-3.1076	0.7817
792	SLD 10	-1.16	2.75	30.31	-0.0263	-3.1116	0.6906
792	SLD 11	-1.3	-1.38	30.89	-0.0186	-3.0582	-0.3445
792	SLD 12	-1.4	-1.74	31.04	-0.0176	-3.0622	-0.4355
792	SLD 13	-2.81	1.83	24.24	-0.019	-2.5431	0.4604
792	SLD 14	-2.97	1.28	24.47	-0.0174	-2.5492	0.3221
792	SLD 15	-2.89	0.49	24.46	-0.0164	-2.5283	0.1225
792	SLD 16	-3.04	-0.07	24.69	-0.0148	-2.5344	-0.0157
792	SLV 1	5.43	2.13	53.24	-0.0482	-5.1552	0.5305
792	SLV 2	5.07	0.83	53.77	-0.0446	-5.1693	0.2086
792	SLV 3	5.27	-0.93	53.73	-0.0423	-5.1211	-0.2349
792	SLV 4	4.91	-2.22	54.26	-0.0387	-5.1353	-0.5568
792	SLV 5	1.58	5.92	38.4	-0.0414	-3.9191	1.4822
792	SLV 6	1.35	5.08	38.74	-0.0391	-3.9282	1.2739
792	SLV 7	1.04	-4.27	40.03	-0.0218	-3.8055	-1.069
792	SLV 8	0.82	-5.11	40.37	-0.0194	-3.8146	-1.2773
792	SLV 9	-1.82	6.31	26.09	-0.0303	-2.8233	1.5812
792	SLV 10	-2.05	5.48	26.43	-0.0279	-2.8325	1.373
792	SLV 11	-2.36	-3.88	27.72	-0.0106	-2.7097	-0.97
792	SLV 12	-2.59	-4.71	28.06	-0.0082	-2.7189	-1.1782
792	SLV 13	-5.91	3.43	12.2	-0.011	-1.5027	0.8607
792	SLV 14	-6.27	2.14	12.73	-0.0073	-1.5168	0.5388
792	SLV 15	-6.08	0.38	12.69	-0.0051	-1.4686	0.0953
792	SLV 16	-6.43	-0.92	13.22	-0.0014	-1.4827	-0.2265
792	CRTFP Ux+	0	0	0	0	0	0
792	CRTFP Ux-	0	0	0	0	0	0
792	CRTFP Uy+	0	0	0	0	0	0
792	CRTFP Uy-	0	0	0	0	0	0
795	SLU 1	0.56	0.44	34.59	-0.0524	5.5562	-0.153
795	SLU 2	0.56	0.55	34.6	-0.0524	5.561	-0.1912
795	SLU 3	0.58	0.44	35.4	-0.0538	5.6699	-0.1548
795	SLU 4	0.57	0.51	35.41	-0.0538	5.6728	-0.1777



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
795	SLU 5	0.57	0.54	35.1	-0.0533	5.6311	-0.1908
795	SLU 6	0.59	0.44	35.9	-0.0547	5.74	-0.1544
795	SLU 7	0.59	0.51	35.91	-0.0547	5.7429	-0.1773
795	SLU 8	0.58	0.43	35.58	-0.0542	5.6964	-0.1523
795	SLU 9	0.58	0.5	35.59	-0.0542	5.6993	-0.1752
795	SLU 10	0.58	0.67	38.53	-0.059	6.131	-0.2351
795	SLU 11	0.6	0.57	39.32	-0.0604	6.2399	-0.1987
795	SLU 12	0.6	0.63	39.33	-0.0604	6.2428	-0.2216
795	SLU 13	0.59	0.67	39.03	-0.0599	6.2011	-0.2348
795	SLU 14	0.62	0.57	39.82	-0.0613	6.31	-0.1984
795	SLU 15	0.61	0.63	39.83	-0.0613	6.3129	-0.2213
795	SLU 16	0.61	0.56	39.51	-0.0607	6.2664	-0.1962
795	SLU 17	0.61	0.62	39.52	-0.0608	6.2693	-0.2192
795	SLU 18	0.6	0.62	40.19	-0.0618	6.3705	-0.2158
795	SLU 19	0.6	0.68	40.2	-0.0618	6.3734	-0.2387
795	SLU 20	0.61	0.61	40.69	-0.0627	6.4406	-0.2154
795	SLU 21	0.61	0.68	40.7	-0.0627	6.4435	-0.2383
795	SLU 22	0.61	0.54	38.53	-0.0589	6.1244	-0.1909
795	SLU 23	0.6	0.65	38.55	-0.0589	6.1292	-0.2291
795	SLU 24	0.62	0.55	39.34	-0.0603	6.2381	-0.1927
795	SLU 25	0.62	0.61	39.35	-0.0603	6.241	-0.2156
795	SLU 26	0.61	0.65	39.05	-0.0598	6.1993	-0.2287
795	SLU 27	0.63	0.55	39.84	-0.0611	6.3082	-0.1923
795	SLU 28	0.63	0.61	39.85	-0.0611	6.3111	-0.2152
795	SLU 29	0.63	0.54	39.53	-0.0606	6.2646	-0.1902
795	SLU 30	0.63	0.61	39.54	-0.0606	6.2675	-0.2131
795	SLU 31	0.63	0.78	42.47	-0.0655	6.6992	-0.273
795	SLU 32	0.65	0.67	43.27	-0.0669	6.8081	-0.2366
795	SLU 33	0.65	0.74	43.28	-0.0669	6.811	-0.2595
795	SLU 34	0.64	0.78	42.97	-0.0663	6.7693	-0.2727
795	SLU 35	0.66	0.67	43.76	-0.0677	6.8782	-0.2362
795	SLU 36	0.66	0.74	43.78	-0.0677	6.8811	-0.2592
795	SLU 37	0.66	0.67	43.45	-0.0672	6.8346	-0.2341
795	SLU 38	0.65	0.73	43.46	-0.0672	6.8375	-0.257
795	SLU 39	0.64	0.72	44.14	-0.0683	6.9386	-0.2537
795	SLU 40	0.64	0.79	44.15	-0.0683	6.9416	-0.2766
795	SLU 41	0.66	0.72	44.64	-0.0692	7.0088	-0.2533
795	SLU 42	0.65	0.79	44.65	-0.0692	7.0117	-0.2762
795	SLU 43	0.71	0.53	43.61	-0.0659	7.0282	-0.1859
795	SLU 44	0.71	0.64	43.63	-0.0659	7.0331	-0.2241
795	SLU 45	0.73	0.54	44.42	-0.0673	7.1419	-0.1877
795	SLU 46	0.73	0.6	44.43	-0.0673	7.1448	-0.2106
795	SLU 47	0.72	0.64	44.13	-0.0668	7.1032	-0.2238
795	SLU 48	0.74	0.53	44.92	-0.0682	7.212	-0.1873
795	SLU 49	0.74	0.6	44.93	-0.0682	7.2149	-0.2102
795	SLU 50	0.73	0.53	44.61	-0.0677	7.1684	-0.1852
795	SLU 51	0.73	0.59	44.62	-0.0677	7.1713	-0.2081
795	SLU 52	0.74	0.76	47.55	-0.0725	7.6031	-0.268
795	SLU 53	0.76	0.66	48.34	-0.0739	7.7119	-0.2316
795	SLU 54	0.75	0.73	48.35	-0.0739	7.7148	-0.2545
795	SLU 55	0.75	0.76	48.05	-0.0734	7.6732	-0.2677
795	SLU 56	0.77	0.66	48.84	-0.0748	7.782	-0.2313
795	SLU 57	0.77	0.72	48.85	-0.0748	7.7849	-0.2542
795	SLU 58	0.76	0.65	48.53	-0.0743	7.7384	-0.2292
795	SLU 59	0.76	0.72	48.54	-0.0743	7.7413	-0.2521
795	SLU 60	0.75	0.71	49.21	-0.0753	7.8425	-0.2487
795	SLU 61	0.75	0.77	49.23	-0.0753	7.8454	-0.2716
795	SLU 62	0.76	0.71	49.71	-0.0762	7.9126	-0.2483
795	SLU 63	0.76	0.77	49.72	-0.0762	7.9155	-0.2712
795	SLU 64	0.76	0.64	47.55	-0.0724	7.5964	-0.2238
795	SLU 65	0.75	0.75	47.57	-0.0724	7.6013	-0.262
795	SLU 66	0.77	0.64	48.37	-0.0738	7.7101	-0.2256
795	SLU 67	0.77	0.71	48.38	-0.0738	7.713	-0.2485
795	SLU 68	0.76	0.75	48.07	-0.0733	7.6714	-0.2616
795	SLU 69	0.79	0.64	48.86	-0.0746	7.7802	-0.2252
795	SLU 70	0.78	0.71	48.88	-0.0746	7.7831	-0.2481
795	SLU 71	0.78	0.64	48.55	-0.0741	7.7366	-0.2231
795	SLU 72	0.78	0.7	48.56	-0.0741	7.7395	-0.246
795	SLU 73	0.78	0.87	51.5	-0.079	8.1713	-0.3059
795	SLU 74	0.8	0.77	52.29	-0.0804	8.2801	-0.2695
795	SLU 75	0.8	0.83	52.3	-0.0804	8.283	-0.2924
795	SLU 76	0.79	0.87	52	-0.0799	8.2414	-0.3056
795	SLU 77	0.81	0.77	52.79	-0.0812	8.3502	-0.2692
795	SLU 78	0.81	0.83	52.8	-0.0812	8.3531	-0.2921
795	SLU 79	0.81	0.76	52.48	-0.0807	8.3066	-0.267
795	SLU 80	0.81	0.83	52.49	-0.0807	8.3095	-0.29
795	SLU 81	0.8	0.82	53.16	-0.0818	8.4107	-0.2866
795	SLU 82	0.79	0.88	53.17	-0.0818	8.4136	-0.3095
795	SLU 83	0.81	0.82	53.66	-0.0827	8.4808	-0.2862
795	SLU 84	0.81	0.88	53.67	-0.0827	8.4837	-0.3091
795	SLE RA 1	0.57	0.47	35.71	-0.0543	5.7185	-0.1638
795	SLE RA 2	0.57	0.54	35.73	-0.0543	5.7217	-0.1893
795	SLE RA 3	0.58	0.47	36.25	-0.0552	5.7943	-0.165
795	SLE RA 4	0.58	0.51	36.26	-0.0552	5.7962	-0.1803
795	SLE RA 5	0.58	0.54	36.06	-0.0548	5.7685	-0.1891
795	SLE RA 6	0.59	0.47	36.59	-0.0558	5.8411	-0.1648
795	SLE RA 7	0.59	0.51	36.59	-0.0558	5.843	-0.18
795	SLE RA 8	0.59	0.47	36.38	-0.0554	5.812	-0.1634
795	SLE RA 9	0.59	0.51	36.39	-0.0554	5.8139	-0.1786



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
795	SLE RA 10	0.59	0.62	38.34	-0.0587	6.1017	-0.2186
795	SLE RA 11	0.6	0.55	38.87	-0.0596	6.1743	-0.1943
795	SLE RA 12	0.6	0.6	38.88	-0.0596	6.1762	-0.2096
795	SLE RA 13	0.6	0.62	38.67	-0.0592	6.1485	-0.2183
795	SLE RA 14	0.61	0.55	39.2	-0.0602	6.221	-0.1941
795	SLE RA 15	0.61	0.6	39.21	-0.0602	6.223	-0.2093
795	SLE RA 16	0.61	0.55	38.99	-0.0598	6.192	-0.1927
795	SLE RA 17	0.6	0.59	39	-0.0598	6.1939	-0.2079
795	SLE RA 18	0.6	0.59	39.45	-0.0605	6.2614	-0.2057
795	SLE RA 19	0.6	0.63	39.46	-0.0605	6.2633	-0.221
795	SLE RA 20	0.61	0.59	39.78	-0.0611	6.3081	-0.2054
795	SLE RA 21	0.6	0.63	39.79	-0.0611	6.31	-0.2207
795	SLE FR 1	0.57	0.47	35.71	-0.0543	5.7185	-0.1638
795	SLE FR 2	0.57	0.48	35.72	-0.0543	5.7192	-0.1689
795	SLE FR 3	0.58	0.47	35.85	-0.0545	5.7372	-0.1637
795	SLE FR 4	0.58	0.52	36.84	-0.0561	5.882	-0.1815
795	SLE FR 5	0.58	0.5	36.97	-0.0564	5.9001	-0.1763
795	SLE FR 6	0.59	0.53	37.58	-0.0574	5.9899	-0.1848
795	SLE QP 1	0.57	0.47	35.71	-0.0543	5.7185	-0.1638
795	SLE QP 2	0.58	0.5	36.83	-0.0561	5.8814	-0.1764
795	SLD 1	2.47	1.11	27.35	-0.039	4.5929	-0.3913
795	SLD 2	2.28	1.77	27.13	-0.0407	4.5807	-0.6216
795	SLD 3	2.74	-0.38	27.67	-0.0363	4.6087	0.1296
795	SLD 4	2.55	0.28	27.45	-0.0379	4.5966	-0.1007
795	SLD 5	0.78	2.83	33.54	-0.0549	5.4729	-0.9896
795	SLD 6	0.65	3.27	33.4	-0.0559	5.4649	-1.1412
795	SLD 7	1.67	-2.14	34.61	-0.0458	5.5258	0.7467
795	SLD 8	1.54	-1.71	34.47	-0.0468	5.5178	0.595
795	SLD 9	-0.38	2.71	39.2	-0.0655	6.2449	-0.9478
795	SLD 10	-0.51	3.15	39.06	-0.0665	6.2369	-1.0995
795	SLD 11	0.51	-2.26	40.27	-0.0563	6.2978	0.7885
795	SLD 12	0.39	-1.82	40.12	-0.0574	6.2898	0.6368
795	SLD 13	-1.39	0.72	46.21	-0.0744	7.1662	-0.2521
795	SLD 14	-1.58	1.38	46	-0.076	7.154	-0.4824
795	SLD 15	-1.12	-0.77	46.53	-0.0716	7.182	0.2688
795	SLD 16	-1.31	-0.11	46.32	-0.0732	7.1699	0.0385
795	SLV 1	5.01	1.88	14.65	-0.016	2.8655	-0.6615
795	SLV 2	4.56	3.42	14.14	-0.0198	2.8372	-1.1979
795	SLV 3	5.62	-1.5	15.38	-0.0098	2.9025	0.5193
795	SLV 4	5.17	0.04	14.87	-0.0136	2.8741	-0.0171
795	SLV 5	1.06	5.78	29.17	-0.0528	4.9256	-2.0198
795	SLV 6	0.77	6.78	28.84	-0.0553	4.9072	-2.3668
795	SLV 7	3.09	-5.5	31.58	-0.0322	5.0486	1.9163
795	SLV 8	2.8	-4.5	31.25	-0.0346	5.0303	1.5692
795	SLV 9	-1.64	5.51	42.42	-0.0776	6.7325	-1.922
795	SLV 10	-1.93	6.5	42.09	-0.0801	6.7142	-2.2691
795	SLV 11	0.39	-5.77	44.83	-0.057	6.8555	2.014
795	SLV 12	0.1	-4.77	44.5	-0.0595	6.8372	1.667
795	SLV 13	-4.01	0.97	58.8	-0.0987	8.8886	-0.3357
795	SLV 14	-4.46	2.51	58.29	-0.1025	8.8603	-0.8721
795	SLV 15	-3.4	-2.41	59.52	-0.0925	8.9255	0.8451
795	SLV 16	-3.85	-0.87	59.01	-0.0963	8.8972	0.3088
795	CRTFP Ux+	0	0	0	0	0	0
795	CRTFP Ux-	0	0	0	0	0	0
795	CRTFP Uy+	0	0	0	0	0	0
795	CRTFP Uy-	0	0	0	0	0	0
797	SLU 1	1.35	0.09	63.59	0.0196	0.2922	-0.0177
797	SLU 2	1.35	0.19	63.64	0.0193	0.2904	-0.0181
797	SLU 3	1.39	0.09	65.09	0.0201	0.3023	-0.0181
797	SLU 4	1.38	0.15	65.12	0.0199	0.3012	-0.0184
797	SLU 5	1.37	0.18	64.55	0.0196	0.2958	-0.0184
797	SLU 6	1.41	0.09	66	0.0204	0.3076	-0.0185
797	SLU 7	1.41	0.15	66.03	0.0202	0.3066	-0.0188
797	SLU 8	1.4	0.08	65.42	0.0201	0.303	-0.0185
797	SLU 9	1.4	0.14	65.45	0.0199	0.3019	-0.0187
797	SLU 10	1.43	0.27	71.5	0.0219	0.3406	-0.0196
797	SLU 11	1.47	0.18	72.95	0.0226	0.3524	-0.0197
797	SLU 12	1.47	0.24	72.98	0.0225	0.3514	-0.0199
797	SLU 13	1.45	0.27	72.42	0.0221	0.346	-0.02
797	SLU 14	1.49	0.17	73.86	0.0229	0.3578	-0.02
797	SLU 15	1.49	0.23	73.89	0.0227	0.3568	-0.0203
797	SLU 16	1.48	0.17	73.28	0.0227	0.3532	-0.02
797	SLU 17	1.48	0.22	73.31	0.0225	0.3521	-0.0202
797	SLU 18	1.47	0.21	74.82	0.0232	0.3639	-0.0198
797	SLU 19	1.46	0.27	74.85	0.0231	0.3628	-0.0201
797	SLU 20	1.49	0.21	75.74	0.0235	0.3693	-0.0202
797	SLU 21	1.49	0.27	75.77	0.0233	0.3682	-0.0204
797	SLU 22	1.46	0.2	71.39	0.0228	0.3418	-0.0187
797	SLU 23	1.45	0.3	71.44	0.0225	0.34	-0.0191
797	SLU 24	1.49	0.21	72.89	0.0233	0.3518	-0.0192
797	SLU 25	1.49	0.27	72.92	0.0231	0.3508	-0.0194
797	SLU 26	1.48	0.3	72.35	0.0228	0.3454	-0.0195
797	SLU 27	1.52	0.2	73.8	0.0235	0.3572	-0.0196
797	SLU 28	1.52	0.26	73.83	0.0234	0.3561	-0.0198
797	SLU 29	1.51	0.19	73.22	0.0233	0.3525	-0.0195
797	SLU 30	1.5	0.25	73.25	0.0231	0.3515	-0.0197
797	SLU 31	1.54	0.39	79.3	0.025	0.3902	-0.0206
797	SLU 32	1.58	0.29	80.75	0.0258	0.402	-0.0207
797	SLU 33	1.57	0.35	80.78	0.0256	0.4009	-0.0209



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
797	SLU 34	1.56	0.38	80.22	0.0253	0.3956	-0.021
797	SLU 35	1.6	0.29	81.66	0.0261	0.4074	-0.0211
797	SLU 36	1.6	0.35	81.69	0.0259	0.4063	-0.0213
797	SLU 37	1.59	0.28	81.08	0.0258	0.4027	-0.021
797	SLU 38	1.59	0.34	81.11	0.0256	0.4016	-0.0213
797	SLU 39	1.57	0.33	82.62	0.0264	0.4134	-0.0209
797	SLU 40	1.57	0.39	82.65	0.0262	0.4124	-0.0211
797	SLU 41	1.6	0.32	83.54	0.0267	0.4188	-0.0213
797	SLU 42	1.6	0.38	83.57	0.0265	0.4178	-0.0215
797	SLU 43	1.72	0.07	79.99	0.0245	0.3629	-0.0226
797	SLU 44	1.71	0.17	80.04	0.0242	0.3611	-0.023
797	SLU 45	1.75	0.08	81.49	0.0249	0.3729	-0.0231
797	SLU 46	1.75	0.14	81.52	0.0248	0.3719	-0.0233
797	SLU 47	1.74	0.17	80.96	0.0244	0.3665	-0.0234
797	SLU 48	1.78	0.07	82.4	0.0252	0.3783	-0.0235
797	SLU 49	1.78	0.13	82.43	0.025	0.3773	-0.0237
797	SLU 50	1.77	0.06	81.82	0.0249	0.3736	-0.0234
797	SLU 51	1.76	0.12	81.85	0.0248	0.3726	-0.0236
797	SLU 52	1.8	0.26	87.91	0.0267	0.4113	-0.0245
797	SLU 53	1.83	0.17	89.35	0.0275	0.4231	-0.0246
797	SLU 54	1.83	0.22	89.38	0.0273	0.4221	-0.0248
797	SLU 55	1.82	0.26	88.82	0.0269	0.4167	-0.0249
797	SLU 56	1.86	0.16	90.27	0.0277	0.4285	-0.025
797	SLU 57	1.86	0.22	90.3	0.0275	0.4274	-0.0252
797	SLU 58	1.85	0.15	89.68	0.0275	0.4238	-0.0249
797	SLU 59	1.85	0.21	89.71	0.0273	0.4228	-0.0251
797	SLU 60	1.83	0.2	91.22	0.0281	0.4345	-0.0248
797	SLU 61	1.83	0.26	91.25	0.0279	0.4335	-0.025
797	SLU 62	1.86	0.19	92.14	0.0283	0.4399	-0.0252
797	SLU 63	1.86	0.25	92.17	0.0281	0.4389	-0.0254
797	SLU 64	1.83	0.19	87.79	0.0276	0.4124	-0.0237
797	SLU 65	1.82	0.29	87.84	0.0273	0.4107	-0.0241
797	SLU 66	1.86	0.19	89.29	0.0281	0.4225	-0.0241
797	SLU 67	1.86	0.25	89.32	0.0279	0.4214	-0.0244
797	SLU 68	1.85	0.28	88.76	0.0276	0.4161	-0.0244
797	SLU 69	1.89	0.19	90.2	0.0283	0.4279	-0.0245
797	SLU 70	1.88	0.25	90.23	0.0282	0.4268	-0.0248
797	SLU 71	1.87	0.18	89.62	0.0281	0.4232	-0.0245
797	SLU 72	1.87	0.24	89.65	0.0279	0.4221	-0.0247
797	SLU 73	1.9	0.38	95.71	0.0298	0.4608	-0.0256
797	SLU 74	1.94	0.28	97.15	0.0306	0.4727	-0.0257
797	SLU 75	1.94	0.34	97.18	0.0304	0.4716	-0.0259
797	SLU 76	1.93	0.37	96.62	0.0301	0.4662	-0.026
797	SLU 77	1.97	0.28	98.07	0.0309	0.478	-0.026
797	SLU 78	1.97	0.34	98.1	0.0307	0.477	-0.0263
797	SLU 79	1.96	0.27	97.48	0.0306	0.4734	-0.026
797	SLU 80	1.95	0.33	97.51	0.0304	0.4723	-0.0262
797	SLU 81	1.94	0.32	99.03	0.0312	0.4841	-0.0258
797	SLU 82	1.94	0.37	99.06	0.031	0.483	-0.0261
797	SLU 83	1.97	0.31	99.94	0.0315	0.4895	-0.0262
797	SLU 84	1.96	0.37	99.97	0.0313	0.4884	-0.0265
797	SLE RA 1	1.38	0.12	65.82	0.0206	0.3064	-0.018
797	SLE RA 2	1.38	0.19	65.85	0.0204	0.3052	-0.0182
797	SLE RA 3	1.4	0.12	66.82	0.0209	0.3131	-0.0183
797	SLE RA 4	1.4	0.16	66.84	0.0208	0.3124	-0.0184
797	SLE RA 5	1.39	0.18	66.46	0.0205	0.3088	-0.0185
797	SLE RA 6	1.42	0.12	67.43	0.021	0.3167	-0.0185
797	SLE RA 7	1.42	0.16	67.45	0.0209	0.316	-0.0187
797	SLE RA 8	1.41	0.11	67.04	0.0209	0.3135	-0.0185
797	SLE RA 9	1.41	0.15	67.06	0.0208	0.3128	-0.0186
797	SLE RA 10	1.43	0.24	71.09	0.022	0.3386	-0.0192
797	SLE RA 11	1.46	0.18	72.06	0.0226	0.3465	-0.0193
797	SLE RA 12	1.46	0.22	72.08	0.0224	0.3458	-0.0194
797	SLE RA 13	1.45	0.24	71.7	0.0222	0.3422	-0.0195
797	SLE RA 14	1.47	0.18	72.67	0.0227	0.3501	-0.0196
797	SLE RA 15	1.47	0.22	72.69	0.0226	0.3494	-0.0197
797	SLE RA 16	1.47	0.17	72.28	0.0226	0.347	-0.0195
797	SLE RA 17	1.47	0.21	72.3	0.0224	0.3463	-0.0197
797	SLE RA 18	1.46	0.2	73.31	0.023	0.3541	-0.0194
797	SLE RA 19	1.46	0.24	73.33	0.0228	0.3534	-0.0196
797	SLE RA 20	1.47	0.2	73.92	0.0231	0.3577	-0.0197
797	SLE RA 21	1.47	0.24	73.94	0.023	0.357	-0.0198
797	SLE FR 1	1.38	0.12	65.82	0.0206	0.3064	-0.018
797	SLE FR 2	1.38	0.13	65.83	0.0205	0.3061	-0.018
797	SLE FR 3	1.39	0.12	66.06	0.0206	0.3078	-0.0181
797	SLE FR 4	1.4	0.16	68.07	0.0212	0.3205	-0.0185
797	SLE FR 5	1.41	0.14	68.31	0.0213	0.3221	-0.0185
797	SLE FR 6	1.42	0.16	69.56	0.0218	0.3303	-0.0187
797	SLE QP 1	1.38	0.12	65.82	0.0206	0.3064	-0.018
797	SLE QP 2	1.4	0.15	68.07	0.0213	0.3207	-0.0184
797	SLD 1	6.68	1.03	63.01	0.0176	0.3264	-0.0446
797	SLD 2	6.36	1.52	62.6	0.0141	0.3344	-0.0326
797	SLD 3	6.73	-0.7	63.26	0.0264	0.3754	-0.0459
797	SLD 4	6.41	-0.21	62.85	0.023	0.3834	-0.0338
797	SLD 5	2.97	2.94	66.24	0.0074	0.2467	-0.0265
797	SLD 6	2.76	3.26	65.97	0.0051	0.252	-0.0186
797	SLD 7	3.13	-2.81	67.08	0.0368	0.4099	-0.0307
797	SLD 8	2.92	-2.49	66.81	0.0346	0.4152	-0.0228
797	SLD 9	-0.12	2.78	69.32	0.008	0.2262	-0.0141



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
797	SLD 10	-0.32	3.1	69.05	0.0057	0.2315	-0.0061
797	SLD 11	0.04	-2.97	70.17	0.0374	0.3894	-0.0182
797	SLD 12	-0.16	-2.65	69.9	0.0351	0.3947	-0.0103
797	SLD 13	-3.61	0.5	73.28	0.0196	0.258	-0.003
797	SLD 14	-3.92	0.99	72.87	0.0161	0.266	0.0091
797	SLD 15	-3.56	-1.23	73.53	0.0284	0.307	-0.0043
797	SLD 16	-3.87	-0.73	73.12	0.0249	0.315	0.0078
797	SLV 1	13.75	2.14	56.22	0.013	0.338	-0.0798
797	SLV 2	13.01	3.29	55.26	0.0049	0.3566	-0.0517
797	SLV 3	13.86	-1.77	56.8	0.033	0.4491	-0.0827
797	SLV 4	13.13	-0.62	55.84	0.0249	0.4677	-0.0546
797	SLV 5	5.06	6.48	63.79	-0.0101	0.1541	-0.0373
797	SLV 6	4.59	7.22	63.18	-0.0153	0.1661	-0.0191
797	SLV 7	5.44	-6.56	65.73	0.0565	0.5246	-0.047
797	SLV 8	4.96	-5.82	65.12	0.0513	0.5366	-0.0288
797	SLV 9	-2.16	6.11	71.01	-0.0087	0.1048	-0.008
797	SLV 10	-2.63	6.85	70.4	-0.0139	0.1168	0.0102
797	SLV 11	-1.78	-6.93	72.95	0.0579	0.4753	-0.0178
797	SLV 12	-2.26	-6.19	72.34	0.0526	0.4873	0.0004
797	SLV 13	-10.32	0.91	80.29	0.0176	0.1737	0.0178
797	SLV 14	-11.05	2.06	79.33	0.0095	0.1923	0.0459
797	SLV 15	-10.21	-3	80.87	0.0376	0.2848	0.0148
797	SLV 16	-10.94	-1.85	79.92	0.0295	0.3034	0.043
797	CRTFP Ux+	0	0	0	0	0	0
797	CRTFP Ux-	0	0	0	0	0	0
800	SLU 1	-1.13	-0.9	64.58	-0.0118	-0.4349	0.0117
800	SLU 2	-1.13	-0.8	64.62	-0.0122	-0.4328	0.0121
800	SLU 3	-1.15	-0.92	66.16	-0.0121	-0.4473	0.012
800	SLU 4	-1.16	-0.86	66.18	-0.0123	-0.446	0.0122
800	SLU 5	-1.15	-0.82	65.56	-0.0124	-0.4387	0.0121
800	SLU 6	-1.17	-0.93	67.1	-0.0123	-0.4532	0.012
800	SLU 7	-1.18	-0.87	67.13	-0.0125	-0.4519	0.0122
800	SLU 8	-1.16	-0.93	66.46	-0.0122	-0.4468	0.0118
800	SLU 9	-1.16	-0.87	66.49	-0.0125	-0.4455	0.0121
800	SLU 10	-1.2	-0.83	72.81	-0.0139	-0.5026	0.0142
800	SLU 11	-1.22	-0.94	74.36	-0.0138	-0.5171	0.014
800	SLU 12	-1.23	-0.88	74.38	-0.014	-0.5158	0.0143
800	SLU 13	-1.22	-0.84	73.75	-0.0141	-0.5085	0.0142
800	SLU 14	-1.24	-0.95	75.3	-0.014	-0.523	0.0141
800	SLU 15	-1.24	-0.89	75.32	-0.0143	-0.5217	0.0143
800	SLU 16	-1.23	-0.95	74.66	-0.014	-0.5165	0.0139
800	SLU 17	-1.23	-0.89	74.68	-0.0142	-0.5153	0.0142
800	SLU 18	-1.22	-0.94	76.28	-0.0143	-0.5346	0.0147
800	SLU 19	-1.22	-0.88	76.31	-0.0145	-0.5333	0.0149
800	SLU 20	-1.24	-0.95	77.23	-0.0145	-0.5405	0.0148
800	SLU 21	-1.24	-0.89	77.25	-0.0147	-0.5392	0.015
800	SLU 22	-1.22	-0.9	72.67	-0.0126	-0.5019	0.0128
800	SLU 23	-1.23	-0.8	72.71	-0.013	-0.4998	0.0132
800	SLU 24	-1.25	-0.91	74.25	-0.0129	-0.5142	0.0131
800	SLU 25	-1.26	-0.85	74.28	-0.0131	-0.513	0.0133
800	SLU 26	-1.25	-0.81	73.65	-0.0132	-0.5057	0.0133
800	SLU 27	-1.27	-0.92	75.2	-0.0131	-0.5202	0.0132
800	SLU 28	-1.28	-0.86	75.22	-0.0133	-0.5189	0.0134
800	SLU 29	-1.26	-0.92	74.56	-0.013	-0.5137	0.013
800	SLU 30	-1.26	-0.86	74.58	-0.0133	-0.5124	0.0132
800	SLU 31	-1.3	-0.82	80.9	-0.0147	-0.5695	0.0153
800	SLU 32	-1.32	-0.93	82.45	-0.0146	-0.584	0.0152
800	SLU 33	-1.32	-0.87	82.47	-0.0148	-0.5827	0.0154
800	SLU 34	-1.32	-0.83	81.85	-0.0149	-0.5754	0.0154
800	SLU 35	-1.34	-0.95	83.39	-0.0148	-0.5899	0.0153
800	SLU 36	-1.34	-0.89	83.41	-0.0151	-0.5886	0.0155
800	SLU 37	-1.33	-0.95	82.75	-0.0148	-0.5835	0.0151
800	SLU 38	-1.33	-0.89	82.77	-0.015	-0.5822	0.0153
800	SLU 39	-1.32	-0.93	84.38	-0.0151	-0.6015	0.0158
800	SLU 40	-1.32	-0.87	84.4	-0.0153	-0.6003	0.016
800	SLU 41	-1.34	-0.94	85.32	-0.0153	-0.6075	0.0159
800	SLU 42	-1.34	-0.88	85.34	-0.0155	-0.6062	0.0161
800	SLU 43	-1.43	-1.18	81.18	-0.0151	-0.5425	0.0148
800	SLU 44	-1.44	-1.08	81.22	-0.0155	-0.5403	0.0152
800	SLU 45	-1.46	-1.19	82.76	-0.0154	-0.5548	0.0151
800	SLU 46	-1.46	-1.13	82.78	-0.0156	-0.5536	0.0153
800	SLU 47	-1.45	-1.09	82.16	-0.0157	-0.5463	0.0152
800	SLU 48	-1.48	-1.2	83.7	-0.0156	-0.5608	0.0151
800	SLU 49	-1.48	-1.14	83.73	-0.0158	-0.5595	0.0154
800	SLU 50	-1.46	-1.2	83.06	-0.0155	-0.5543	0.015
800	SLU 51	-1.47	-1.14	83.09	-0.0157	-0.553	0.0152
800	SLU 52	-1.5	-1.1	89.41	-0.0172	-0.6101	0.0173
800	SLU 53	-1.52	-1.21	90.95	-0.0171	-0.6246	0.0172
800	SLU 54	-1.53	-1.15	90.98	-0.0173	-0.6233	0.0174
800	SLU 55	-1.52	-1.11	90.35	-0.0174	-0.616	0.0173
800	SLU 56	-1.54	-1.23	91.9	-0.0173	-0.6305	0.0172
800	SLU 57	-1.55	-1.17	91.92	-0.0175	-0.6292	0.0175
800	SLU 58	-1.53	-1.22	91.26	-0.0172	-0.6241	0.0171
800	SLU 59	-1.54	-1.16	91.28	-0.0175	-0.6228	0.0173
800	SLU 60	-1.52	-1.21	92.88	-0.0175	-0.6421	0.0178
800	SLU 61	-1.53	-1.15	92.91	-0.0178	-0.6409	0.018
800	SLU 62	-1.54	-1.22	93.83	-0.0178	-0.648	0.0179
800	SLU 63	-1.55	-1.16	93.85	-0.018	-0.6468	0.0181
800	SLU 64	-1.53	-1.17	89.27	-0.0159	-0.6094	0.016



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
800	SLU 65	-1.54	-1.07	89.31	-0.0162	-0.6073	0.0163
800	SLU 66	-1.56	-1.18	90.85	-0.0161	-0.6218	0.0162
800	SLU 67	-1.56	-1.12	90.87	-0.0164	-0.6205	0.0164
800	SLU 68	-1.55	-1.08	90.25	-0.0165	-0.6132	0.0164
800	SLU 69	-1.57	-1.2	91.79	-0.0164	-0.6277	0.0163
800	SLU 70	-1.58	-1.14	91.82	-0.0166	-0.6264	0.0165
800	SLU 71	-1.56	-1.2	91.15	-0.0163	-0.6213	0.0161
800	SLU 72	-1.57	-1.14	91.18	-0.0165	-0.62	0.0163
800	SLU 73	-1.6	-1.09	97.5	-0.018	-0.677	0.0184
800	SLU 74	-1.62	-1.21	99.05	-0.0179	-0.6915	0.0183
800	SLU 75	-1.63	-1.15	99.07	-0.0181	-0.6903	0.0185
800	SLU 76	-1.62	-1.11	98.44	-0.0182	-0.683	0.0185
800	SLU 77	-1.64	-1.22	99.99	-0.0181	-0.6974	0.0184
800	SLU 78	-1.65	-1.16	100.01	-0.0183	-0.6962	0.0186
800	SLU 79	-1.63	-1.22	99.35	-0.018	-0.691	0.0182
800	SLU 80	-1.63	-1.16	99.37	-0.0183	-0.6897	0.0184
800	SLU 81	-1.62	-1.2	100.98	-0.0183	-0.7091	0.0189
800	SLU 82	-1.63	-1.14	101	-0.0186	-0.7078	0.0192
800	SLU 83	-1.64	-1.22	101.92	-0.0186	-0.715	0.019
800	SLU 84	-1.65	-1.16	101.94	-0.0188	-0.7137	0.0192
800	SLE RA 1	-1.15	-0.9	66.89	-0.012	-0.4541	0.012
800	SLE RA 2	-1.16	-0.84	66.92	-0.0123	-0.4527	0.0123
800	SLE RA 3	-1.17	-0.91	67.95	-0.0122	-0.4623	0.0122
800	SLE RA 4	-1.18	-0.87	67.96	-0.0124	-0.4615	0.0123
800	SLE RA 5	-1.17	-0.84	67.54	-0.0124	-0.4566	0.0123
800	SLE RA 6	-1.18	-0.92	68.57	-0.0124	-0.4663	0.0122
800	SLE RA 7	-1.19	-0.88	68.59	-0.0125	-0.4654	0.0124
800	SLE RA 8	-1.18	-0.92	68.15	-0.0123	-0.462	0.0121
800	SLE RA 9	-1.18	-0.88	68.16	-0.0125	-0.4611	0.0123
800	SLE RA 10	-1.2	-0.85	72.38	-0.0134	-0.4992	0.0137
800	SLE RA 11	-1.22	-0.93	73.41	-0.0134	-0.5088	0.0136
800	SLE RA 12	-1.22	-0.89	73.42	-0.0135	-0.508	0.0137
800	SLE RA 13	-1.21	-0.86	73.01	-0.0136	-0.5031	0.0137
800	SLE RA 14	-1.23	-0.93	74.04	-0.0135	-0.5128	0.0136
800	SLE RA 15	-1.23	-0.89	74.05	-0.0137	-0.5119	0.0138
800	SLE RA 16	-1.22	-0.93	73.61	-0.0135	-0.5085	0.0135
800	SLE RA 17	-1.22	-0.89	73.63	-0.0136	-0.5076	0.0137
800	SLE RA 18	-1.22	-0.92	74.69	-0.0137	-0.5205	0.014
800	SLE RA 19	-1.22	-0.88	74.71	-0.0138	-0.5197	0.0142
800	SLE RA 20	-1.23	-0.93	75.32	-0.0138	-0.5244	0.0141
800	SLE RA 21	-1.23	-0.89	75.34	-0.014	-0.5236	0.0142
800	SLE FR 1	-1.15	-0.9	66.89	-0.012	-0.4541	0.012
800	SLE FR 2	-1.15	-0.89	66.9	-0.0121	-0.4538	0.0121
800	SLE FR 3	-1.16	-0.91	67.14	-0.0121	-0.4556	0.012
800	SLE FR 4	-1.17	-0.9	69.24	-0.0126	-0.4737	0.0127
800	SLE FR 5	-1.18	-0.91	69.48	-0.0126	-0.4756	0.0126
800	SLE FR 6	-1.19	-0.91	70.79	-0.0129	-0.4873	0.013
800	SLE QP 1	-1.15	-0.9	66.89	-0.012	-0.4541	0.012
800	SLE QP 2	-1.17	-0.91	69.23	-0.0125	-0.474	0.0126
800	SLD 1	4.4	-0.61	73.3	-0.0279	-0.5321	-0.0118
800	SLD 2	4.08	-1.08	73.98	-0.0236	-0.5226	0.0012
800	SLD 3	4.31	-2.36	73.93	-0.017	-0.5992	-0.0095
800	SLD 4	3.99	-2.83	74.61	-0.0127	-0.5898	0.0035
800	SLD 5	0.7	1.92	69.38	-0.0345	-0.3913	-0.0005
800	SLD 6	0.49	1.61	69.82	-0.0317	-0.3851	0.008
800	SLD 7	0.39	-3.92	71.47	0.002	-0.6151	0.0072
800	SLD 8	0.18	-4.22	71.92	0.0048	-0.6088	0.0157
800	SLD 9	-2.52	2.4	66.54	-0.0298	-0.3392	0.0095
800	SLD 10	-2.73	2.1	66.99	-0.027	-0.3329	0.0181
800	SLD 11	-2.83	-3.43	68.64	0.0066	-0.5629	0.0172
800	SLD 12	-3.04	-3.74	69.09	0.0094	-0.5567	0.0258
800	SLD 13	-6.34	1.01	63.86	-0.0124	-0.3582	0.0218
800	SLD 14	-6.65	0.54	64.54	-0.0081	-0.3487	0.0347
800	SLD 15	-6.43	-0.74	64.49	-0.0014	-0.4254	0.0241
800	SLD 16	-6.75	-1.21	65.17	0.0028	-0.4159	0.037
800	SLV 1	11.86	-0.28	78.79	-0.0481	-0.6126	-0.0443
800	SLV 2	11.13	-1.37	80.38	-0.0381	-0.5905	-0.0142
800	SLV 3	11.65	-4.24	80.21	-0.0233	-0.7649	-0.0391
800	SLV 4	10.91	-5.33	81.8	-0.0134	-0.7428	-0.009
800	SLV 5	3.19	5.48	69.67	-0.0624	-0.2884	-0.0176
800	SLV 6	2.71	4.78	70.69	-0.056	-0.2741	0.0018
800	SLV 7	2.48	-7.74	74.41	0.02	-0.7961	-0.0001
800	SLV 8	2	-8.44	75.43	0.0265	-0.7818	0.0193
800	SLV 9	-4.35	6.62	63.03	-0.0515	-0.1662	0.0059
800	SLV 10	-4.82	5.92	64.06	-0.0451	-0.1519	0.0254
800	SLV 11	-5.06	-6.6	67.77	0.031	-0.6739	0.0234
800	SLV 12	-5.53	-7.3	68.79	0.0374	-0.6596	0.0429
800	SLV 13	-13.26	3.51	56.67	-0.0116	-0.2052	0.0342
800	SLV 14	-14	2.43	58.25	-0.0017	-0.1831	0.0643
800	SLV 15	-13.47	-0.45	58.09	0.0131	-0.3575	0.0395
800	SLV 16	-14.21	-1.54	59.67	0.023	-0.3354	0.0695
800	CRTFP Ux+	0	0	0	0	0	0
800	CRTFP Ux-	0	0	0	0	0	0
800	CRTFP Uy+	0	0	0	0	0	0
800	CRTFP Uy-	0	0	0	0	0	0
803	SLU 1	0.19	1.34	86.75	0.8317	-9.3406	0.231
803	SLU 2	0.19	1.46	86.82	0.8299	-9.3459	0.2462
803	SLU 3	0.2	1.4	88.7	0.8504	-9.5456	0.2396
803	SLU 4	0.2	1.47	88.74	0.8493	-9.5488	0.2487



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
803	SLU 5	0.2	1.47	88	0.8408	-9.4708	0.2488
803	SLU 6	0.21	1.42	89.88	0.8614	-9.6704	0.2422
803	SLU 7	0.21	1.48	89.92	0.8603	-9.6736	0.2513
803	SLU 8	0.21	1.37	89.12	0.8536	-9.5903	0.2362
803	SLU 9	0.21	1.44	89.16	0.8525	-9.5935	0.2453
803	SLU 10	0.23	1.67	98.2	0.935	-10.5448	0.2815
803	SLU 11	0.23	1.61	100.08	0.9555	-10.7445	0.2748
803	SLU 12	0.23	1.68	100.12	0.9544	-10.7477	0.284
803	SLU 13	0.24	1.69	99.38	0.9459	-10.6697	0.284
803	SLU 14	0.24	1.63	101.26	0.9665	-10.8694	0.2774
803	SLU 15	0.24	1.7	101.3	0.9654	-10.8725	0.2865
803	SLU 16	0.24	1.59	100.5	0.9587	-10.7892	0.2714
803	SLU 17	0.24	1.66	100.54	0.9576	-10.7924	0.2805
803	SLU 18	0.24	1.65	103.01	0.9819	-11.0533	0.2814
803	SLU 19	0.24	1.72	103.05	0.9808	-11.0565	0.2905
803	SLU 20	0.25	1.67	104.2	0.9928	-11.1782	0.2839
803	SLU 21	0.25	1.74	104.23	0.9917	-11.1814	0.2931
803	SLU 22	0.2	1.71	97.96	0.9431	-10.5186	0.2854
803	SLU 23	0.21	1.83	98.03	0.9412	-10.5238	0.3006
803	SLU 24	0.21	1.77	99.91	0.9618	-10.7235	0.2939
803	SLU 25	0.21	1.84	99.94	0.9607	-10.7267	0.3031
803	SLU 26	0.22	1.85	99.21	0.9522	-10.6487	0.3031
803	SLU 27	0.22	1.79	101.09	0.9727	-10.8484	0.2965
803	SLU 28	0.22	1.86	101.13	0.9716	-10.8516	0.3056
803	SLU 29	0.22	1.75	100.33	0.9649	-10.7683	0.2905
803	SLU 30	0.22	1.82	100.37	0.9638	-10.7715	0.2996
803	SLU 31	0.24	2.05	109.41	1.0464	-11.7228	0.3358
803	SLU 32	0.25	1.99	111.29	1.0669	-11.9224	0.3292
803	SLU 33	0.25	2.06	111.33	1.0658	-11.9256	0.3383
803	SLU 34	0.25	2.06	110.59	1.0573	-11.8476	0.3384
803	SLU 35	0.26	2	112.47	1.0779	-12.0473	0.3317
803	SLU 36	0.26	2.07	112.51	1.0768	-12.0505	0.3409
803	SLU 37	0.26	1.96	111.71	1.0701	-11.9672	0.3257
803	SLU 38	0.26	2.03	111.75	1.069	-11.9704	0.3349
803	SLU 39	0.25	2.02	114.22	1.0933	-12.2313	0.3357
803	SLU 40	0.25	2.09	114.26	1.0922	-12.2345	0.3448
803	SLU 41	0.26	2.04	115.4	1.1042	-12.3561	0.3383
803	SLU 42	0.26	2.11	115.44	1.1031	-12.3593	0.3474
803	SLU 43	0.24	1.62	108.94	1.043	-11.7389	0.2817
803	SLU 44	0.25	1.73	109	1.0412	-11.7442	0.2969
803	SLU 45	0.25	1.67	110.88	1.0617	-11.9439	0.2903
803	SLU 46	0.25	1.74	110.92	1.0606	-11.9471	0.2994
803	SLU 47	0.26	1.75	110.18	1.0521	-11.8691	0.2995
803	SLU 48	0.26	1.69	112.06	1.0727	-12.0688	0.2929
803	SLU 49	0.26	1.76	112.1	1.0716	-12.0719	0.302
803	SLU 50	0.26	1.65	111.3	1.0649	-11.9887	0.2868
803	SLU 51	0.26	1.72	111.34	1.0638	-11.9918	0.296
803	SLU 52	0.28	1.95	120.38	1.1463	-12.9431	0.3322
803	SLU 53	0.29	1.89	122.26	1.1669	-13.1428	0.3255
803	SLU 54	0.29	1.96	122.3	1.1658	-13.146	0.3346
803	SLU 55	0.29	1.96	121.56	1.1573	-13.068	0.3347
803	SLU 56	0.3	1.91	123.44	1.1778	-13.2677	0.3281
803	SLU 57	0.3	1.97	123.48	1.1767	-13.2708	0.3372
803	SLU 58	0.3	1.87	122.68	1.17	-13.1876	0.3221
803	SLU 59	0.3	1.93	122.72	1.1689	-13.1907	0.3312
803	SLU 60	0.29	1.92	125.2	1.1932	-13.4516	0.3321
803	SLU 61	0.29	1.99	125.23	1.1921	-13.4548	0.3412
803	SLU 62	0.3	1.94	126.38	1.2042	-13.5765	0.3346
803	SLU 63	0.3	2.01	126.42	1.2031	-13.5797	0.3437
803	SLU 64	0.26	1.99	120.15	1.1544	-12.9169	0.3361
803	SLU 65	0.26	2.1	120.21	1.1526	-12.9222	0.3513
803	SLU 66	0.27	2.05	122.09	1.1731	-13.1218	0.3446
803	SLU 67	0.27	2.12	122.13	1.172	-13.125	0.3537
803	SLU 68	0.27	2.12	121.39	1.1635	-13.047	0.3538
803	SLU 69	0.28	2.06	123.27	1.184	-13.2467	0.3472
803	SLU 70	0.28	2.13	123.31	1.1829	-13.2499	0.3563
803	SLU 71	0.28	2.02	122.51	1.1763	-13.1666	0.3412
803	SLU 72	0.28	2.09	122.55	1.1752	-13.1698	0.3503
803	SLU 73	0.29	2.32	131.59	1.2577	-14.1211	0.3865
803	SLU 74	0.3	2.26	133.47	1.2782	-14.3207	0.3799
803	SLU 75	0.3	2.33	133.51	1.2771	-14.3239	0.389
803	SLU 76	0.3	2.34	132.77	1.2686	-14.2459	0.3891
803	SLU 77	0.31	2.28	134.65	1.2892	-14.4456	0.3824
803	SLU 78	0.31	2.35	134.69	1.2881	-14.4488	0.3915
803	SLU 79	0.31	2.24	133.89	1.2814	-14.3655	0.3764
803	SLU 80	0.31	2.31	133.93	1.2803	-14.3687	0.3855
803	SLU 81	0.3	2.3	136.41	1.3046	-14.6296	0.3864
803	SLU 82	0.31	2.37	136.44	1.3035	-14.6328	0.3955
803	SLU 83	0.31	2.31	137.59	1.3155	-14.7545	0.389
803	SLU 84	0.32	2.38	137.63	1.3144	-14.7576	0.3981
803	SLE RA 1	0.2	1.45	89.96	0.8635	-9.6772	0.2466
803	SLE RA 2	0.2	1.53	90	0.8623	-9.6807	0.2567
803	SLE RA 3	0.2	1.49	91.25	0.876	-9.8138	0.2523
803	SLE RA 4	0.2	1.53	91.28	0.8753	-9.8159	0.2584
803	SLE RA 5	0.2	1.54	90.79	0.8696	-9.7639	0.2584
803	SLE RA 6	0.21	1.5	92.04	0.8833	-9.8971	0.254
803	SLE RA 7	0.21	1.54	92.07	0.8826	-9.8992	0.2601
803	SLE RA 8	0.21	1.47	91.53	0.8781	-9.8437	0.25
803	SLE RA 9	0.21	1.52	91.56	0.8774	-9.8458	0.2561



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
803	SLE RA 10	0.22	1.67	97.59	0.9324	-10.48	0.2802
803	SLE RA 11	0.22	1.63	98.84	0.9461	-10.6131	0.2758
803	SLE RA 12	0.22	1.68	98.87	0.9453	-10.6152	0.2818
803	SLE RA 13	0.22	1.68	98.37	0.9397	-10.5632	0.2819
803	SLE RA 14	0.23	1.64	99.63	0.9534	-10.6963	0.2775
803	SLE RA 15	0.23	1.69	99.65	0.9526	-10.6984	0.2836
803	SLE RA 16	0.23	1.61	99.12	0.9482	-10.6429	0.2735
803	SLE RA 17	0.23	1.66	99.15	0.9475	-10.645	0.2795
803	SLE RA 18	0.23	1.65	100.8	0.9636	-10.819	0.2801
803	SLE RA 19	0.23	1.7	100.82	0.9629	-10.8211	0.2862
803	SLE RA 20	0.23	1.66	101.58	0.9709	-10.9022	0.2818
803	SLE RA 21	0.23	1.71	101.61	0.9702	-10.9043	0.2879
803	SLE FR 1	0.2	1.45	89.96	0.8635	-9.6772	0.2466
803	SLE FR 2	0.2	1.46	89.97	0.8633	-9.6779	0.2486
803	SLE FR 3	0.2	1.45	90.27	0.8664	-9.7105	0.2472
803	SLE FR 4	0.2	1.53	93.22	0.8933	-10.0204	0.2587
803	SLE FR 5	0.21	1.51	93.52	0.8965	-10.053	0.2573
803	SLE FR 6	0.21	1.55	95.38	0.9136	-10.2481	0.2633
803	SLE QP 1	0.2	1.45	89.96	0.8635	-9.6772	0.2466
803	SLE QP 2	0.2	1.51	93.21	0.8936	-10.0197	0.2566
803	SLD 1	8.01	3.43	99.43	0.9991	-10.4769	0.3275
803	SLD 2	7.61	3.13	98.99	0.9955	-10.4313	0.3161
803	SLD 3	7.91	0.51	99.07	1.0426	-10.4955	-0.0505
803	SLD 4	7.51	0.21	98.62	1.039	-10.4499	-0.062
803	SLD 5	2.76	6.57	95.7	0.8599	-10.1369	0.8533
803	SLD 6	2.5	6.37	95.41	0.8575	-10.1069	0.8457
803	SLD 7	2.45	-3.17	94.5	1.0049	-10.1988	-0.4068
803	SLD 8	2.18	-3.37	94.21	1.0025	-10.1688	-0.4143
803	SLD 9	-1.77	6.39	92.21	0.7846	-9.8707	0.9276
803	SLD 10	-2.04	6.19	91.92	0.7822	-9.8406	0.92
803	SLD 11	-2.09	-3.35	91.01	0.9296	-9.9326	-0.3325
803	SLD 12	-2.35	-3.55	90.72	0.9272	-9.9025	-0.34
803	SLD 13	-7.11	2.82	87.79	0.7481	-9.5895	0.5752
803	SLD 14	-7.51	2.51	87.35	0.7445	-9.5439	0.5637
803	SLD 15	-7.2	-0.11	87.43	0.7916	-9.6081	0.1972
803	SLD 16	-7.6	-0.41	86.99	0.788	-9.5625	0.1857
803	SLV 1	18.46	5.9	107.82	1.1421	-11.0964	0.4076
803	SLV 2	17.53	5.19	106.78	1.1338	-10.9902	0.3808
803	SLV 3	18.24	-0.72	107	1.2405	-11.1399	-0.4493
803	SLV 4	17.31	-1.43	105.96	1.2323	-11.0337	-0.476
803	SLV 5	6.17	13	99.02	0.8203	-10.2952	1.6061
803	SLV 6	5.57	12.54	98.34	0.8149	-10.2265	1.5888
803	SLV 7	5.45	-9.08	96.28	1.1484	-10.4401	-1.25
803	SLV 8	4.85	-9.54	95.61	1.143	-10.3714	-1.2673
803	SLV 9	-4.44	12.56	90.81	0.6441	-9.668	1.7806
803	SLV 10	-5.04	12.1	90.14	0.6387	-9.5993	1.7633
803	SLV 11	-5.16	-9.52	88.07	0.9722	-9.8129	-1.0755
803	SLV 12	-5.76	-9.98	87.4	0.9668	-9.7443	-1.0928
803	SLV 13	-16.9	4.45	80.46	0.5548	-9.0057	0.9893
803	SLV 14	-17.83	3.74	79.42	0.5466	-8.8996	0.9625
803	SLV 15	-17.12	-2.17	79.64	0.6533	-9.0492	0.1324
803	SLV 16	-18.05	-2.88	78.6	0.645	-8.9431	0.1057
803	CRTFP Ux+	0	0	0	0	0	0
803	CRTFP Ux-	0	0	0	0	0	0
803	CRTFP Uy+	0	0	0	0	0	0
803	CRTFP Uy-	0	0	0	0	0	0
805	SLU 1	0.15	1.71	57.95	0.0465	1.6037	0.0736
805	SLU 2	0.15	1.81	57.99	0.0459	1.6055	0.0741
805	SLU 3	0.16	1.77	59.2	0.0476	1.646	0.0754
805	SLU 4	0.16	1.83	59.22	0.0472	1.6471	0.0757
805	SLU 5	0.16	1.83	58.75	0.0464	1.631	0.0752
805	SLU 6	0.17	1.8	59.96	0.0481	1.6715	0.0765
805	SLU 7	0.17	1.85	59.98	0.0477	1.6726	0.0768
805	SLU 8	0.17	1.76	59.48	0.0476	1.6547	0.0758
805	SLU 9	0.17	1.81	59.5	0.0472	1.6558	0.0761
805	SLU 10	0.18	2.06	65.3	0.0511	1.8531	0.0815
805	SLU 11	0.19	2.02	66.52	0.0528	1.8936	0.0828
805	SLU 12	0.19	2.08	66.54	0.0524	1.8947	0.0831
805	SLU 13	0.19	2.08	66.07	0.0516	1.8786	0.0827
805	SLU 14	0.19	2.04	67.28	0.0533	1.9191	0.0839
805	SLU 15	0.2	2.1	67.3	0.053	1.9202	0.0842
805	SLU 16	0.2	2	66.79	0.0528	1.9023	0.0833
805	SLU 17	0.2	2.06	66.81	0.0524	1.9034	0.0836
805	SLU 18	0.19	2.07	68.4	0.0539	1.9574	0.0842
805	SLU 19	0.19	2.13	68.42	0.0535	1.9585	0.0845
805	SLU 20	0.2	2.09	69.17	0.0545	1.9829	0.0853
805	SLU 21	0.2	2.15	69.19	0.0541	1.984	0.0856
805	SLU 22	0.16	2.08	65.13	0.0537	1.8499	0.0804
805	SLU 23	0.16	2.18	65.17	0.0531	1.8517	0.0809
805	SLU 24	0.17	2.14	66.38	0.0548	1.8922	0.0822
805	SLU 25	0.17	2.2	66.41	0.0545	1.8933	0.0825
805	SLU 26	0.17	2.2	65.93	0.0537	1.8772	0.082
805	SLU 27	0.18	2.16	67.15	0.0554	1.9178	0.0833
805	SLU 28	0.18	2.22	67.17	0.055	1.9189	0.0836
805	SLU 29	0.18	2.12	66.66	0.0548	1.901	0.0826
805	SLU 30	0.18	2.18	66.68	0.0545	1.9021	0.0829
805	SLU 31	0.19	2.43	72.49	0.0583	2.0993	0.0883
805	SLU 32	0.2	2.39	73.7	0.06	2.1398	0.0896
805	SLU 33	0.2	2.45	73.72	0.0597	2.1409	0.0899



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
805	SLU 34	0.2	2.45	73.25	0.0589	2.1248	0.0895
805	SLU 35	0.2	2.41	74.46	0.0606	2.1653	0.0907
805	SLU 36	0.21	2.47	74.48	0.0602	2.1664	0.091
805	SLU 37	0.21	2.37	73.98	0.06	2.1486	0.0901
805	SLU 38	0.21	2.43	74	0.0597	2.1496	0.0904
805	SLU 39	0.2	2.43	75.59	0.0612	2.2036	0.091
805	SLU 40	0.2	2.49	75.61	0.0608	2.2047	0.0913
805	SLU 41	0.21	2.46	76.35	0.0617	2.2291	0.0921
805	SLU 42	0.21	2.52	76.37	0.0614	2.2302	0.0924
805	SLU 43	0.19	2.1	72.87	0.0579	2.0004	0.0933
805	SLU 44	0.19	2.2	72.91	0.0573	2.0022	0.0938
805	SLU 45	0.2	2.16	74.12	0.059	2.0427	0.0951
805	SLU 46	0.2	2.22	74.15	0.0587	2.0438	0.0954
805	SLU 47	0.2	2.22	73.67	0.0579	2.0277	0.095
805	SLU 48	0.21	2.18	74.89	0.0596	2.0682	0.0962
805	SLU 49	0.21	2.24	74.91	0.0592	2.0693	0.0965
805	SLU 50	0.21	2.14	74.4	0.059	2.0514	0.0956
805	SLU 51	0.21	2.2	74.42	0.0586	2.0525	0.0959
805	SLU 52	0.22	2.45	80.23	0.0625	2.2498	0.1013
805	SLU 53	0.23	2.41	81.44	0.0642	2.2903	0.1025
805	SLU 54	0.23	2.47	81.46	0.0639	2.2914	0.1028
805	SLU 55	0.23	2.47	80.99	0.0631	2.2753	0.1024
805	SLU 56	0.24	2.43	82.2	0.0648	2.3158	0.1037
805	SLU 57	0.24	2.49	82.22	0.0644	2.3169	0.104
805	SLU 58	0.24	2.39	81.71	0.0642	2.299	0.103
805	SLU 59	0.24	2.45	81.74	0.0639	2.3001	0.1033
805	SLU 60	0.23	2.45	83.33	0.0654	2.354	0.1039
805	SLU 61	0.23	2.51	83.35	0.065	2.3551	0.1043
805	SLU 62	0.24	2.47	84.09	0.0659	2.3796	0.1051
805	SLU 63	0.24	2.53	84.11	0.0655	2.3807	0.1054
805	SLU 64	0.2	2.47	80.06	0.0652	2.2466	0.1001
805	SLU 65	0.2	2.57	80.09	0.0646	2.2484	0.1006
805	SLU 66	0.21	2.53	81.31	0.0663	2.2889	0.1019
805	SLU 67	0.21	2.59	81.33	0.0659	2.29	0.1022
805	SLU 68	0.21	2.59	80.85	0.0651	2.2739	0.1018
805	SLU 69	0.22	2.55	82.07	0.0668	2.3144	0.103
805	SLU 70	0.22	2.61	82.09	0.0665	2.3155	0.1033
805	SLU 71	0.22	2.51	81.58	0.0663	2.2977	0.1024
805	SLU 72	0.22	2.57	81.6	0.0659	2.2987	0.1027
805	SLU 73	0.23	2.82	87.41	0.0698	2.496	0.1081
805	SLU 74	0.24	2.78	88.62	0.0715	2.5365	0.1093
805	SLU 75	0.24	2.84	88.65	0.0711	2.5376	0.1097
805	SLU 76	0.24	2.84	88.17	0.0703	2.5215	0.1092
805	SLU 77	0.25	2.8	89.39	0.072	2.562	0.1105
805	SLU 78	0.25	2.86	89.41	0.0717	2.5631	0.1108
805	SLU 79	0.25	2.76	88.9	0.0715	2.5452	0.1098
805	SLU 80	0.25	2.82	88.92	0.0711	2.5463	0.1101
805	SLU 81	0.24	2.82	90.51	0.0726	2.6003	0.1107
805	SLU 82	0.24	2.88	90.53	0.0723	2.6014	0.1111
805	SLU 83	0.25	2.84	91.27	0.0732	2.6258	0.1119
805	SLU 84	0.25	2.9	91.29	0.0728	2.6269	0.1122
805	SLE RA 1	0.15	1.82	60	0.0485	1.674	0.0755
805	SLE RA 2	0.15	1.88	60.03	0.0481	1.6752	0.0759
805	SLE RA 3	0.16	1.86	60.84	0.0493	1.7022	0.0767
805	SLE RA 4	0.16	1.9	60.85	0.049	1.703	0.0769
805	SLE RA 5	0.16	1.9	60.54	0.0485	1.6923	0.0766
805	SLE RA 6	0.16	1.87	61.35	0.0496	1.7193	0.0775
805	SLE RA 7	0.16	1.91	61.36	0.0494	1.72	0.0777
805	SLE RA 8	0.16	1.85	61.02	0.0493	1.7081	0.077
805	SLE RA 9	0.16	1.89	61.03	0.049	1.7088	0.0772
805	SLE RA 10	0.17	2.05	64.91	0.0516	1.8403	0.0808
805	SLE RA 11	0.18	2.02	65.71	0.0528	1.8673	0.0817
805	SLE RA 12	0.18	2.06	65.73	0.0525	1.868	0.0819
805	SLE RA 13	0.18	2.06	65.41	0.052	1.8573	0.0816
805	SLE RA 14	0.18	2.04	66.22	0.0531	1.8843	0.0824
805	SLE RA 15	0.18	2.08	66.24	0.0529	1.885	0.0826
805	SLE RA 16	0.18	2.01	65.9	0.0527	1.8731	0.082
805	SLE RA 17	0.18	2.05	65.91	0.0525	1.8739	0.0822
805	SLE RA 18	0.18	2.05	66.97	0.0535	1.9098	0.0826
805	SLE RA 19	0.18	2.09	66.99	0.0533	1.9105	0.0828
805	SLE RA 20	0.19	2.07	67.48	0.0539	1.9268	0.0834
805	SLE RA 21	0.19	2.11	67.49	0.0536	1.9276	0.0836
805	SLE FR 1	0.15	1.82	60	0.0485	1.674	0.0755
805	SLE FR 2	0.15	1.83	60.01	0.0485	1.6743	0.0756
805	SLE FR 3	0.15	1.82	60.21	0.0487	1.6808	0.0758
805	SLE FR 4	0.16	1.9	62.1	0.05	1.745	0.0777
805	SLE FR 5	0.16	1.89	62.3	0.0502	1.7516	0.0779
805	SLE FR 6	0.17	1.94	63.49	0.051	1.7919	0.0791
805	SLE QP 1	0.15	1.82	60	0.0485	1.674	0.0755
805	SLE QP 2	0.16	1.89	62.09	0.05	1.7448	0.0776
805	SLD 1	7.5	2.87	65.05	0.0678	1.9901	0.0662
805	SLD 2	7.12	2.77	64.79	0.0678	1.9743	0.0773
805	SLD 3	7.41	0.42	64.9	0.0801	1.9752	0.063
805	SLD 4	7.04	0.33	64.64	0.08	1.9594	0.0741
805	SLD 5	2.56	5.91	63.25	0.0368	1.8439	0.077
805	SLD 6	2.32	5.85	63.08	0.0368	1.8335	0.0844
805	SLD 7	2.27	-2.24	62.76	0.0776	1.7941	0.0664
805	SLD 8	2.02	-2.31	62.59	0.0776	1.7837	0.0738
805	SLD 9	-1.7	6.08	61.6	0.0225	1.7059	0.0815



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
805	SLD 10	-1.95	6.02	61.43	0.0224	1.6955	0.0888
805	SLD 11	-1.99	-2.07	61.11	0.0633	1.6561	0.0709
805	SLD 12	-2.24	-2.13	60.94	0.0633	1.6457	0.0782
805	SLD 13	-6.71	3.45	59.55	0.02	1.5301	0.0811
805	SLD 14	-7.09	3.36	59.29	0.02	1.5143	0.0922
805	SLD 15	-6.8	1.01	59.4	0.0323	1.5152	0.078
805	SLD 16	-7.18	0.91	59.14	0.0322	1.4994	0.0891
805	SLV 1	17.32	4.07	69.04	0.0922	2.32	0.0507
805	SLV 2	16.45	3.85	68.44	0.092	2.2831	0.0765
805	SLV 3	17.12	-1.47	68.7	0.1199	2.286	0.0434
805	SLV 4	16.25	-1.69	68.1	0.1197	2.2492	0.0692
805	SLV 5	5.77	10.99	64.8	0.0206	1.9752	0.0761
805	SLV 6	5.2	10.85	64.42	0.0205	1.9513	0.0928
805	SLV 7	5.09	-7.49	63.66	0.1131	1.8621	0.0518
805	SLV 8	4.53	-7.63	63.27	0.113	1.8383	0.0685
805	SLV 9	-4.21	11.41	60.92	-0.0129	1.6513	0.0867
805	SLV 10	-4.77	11.27	60.53	-0.013	1.6274	0.1035
805	SLV 11	-4.88	-7.07	59.77	0.0795	1.5382	0.0624
805	SLV 12	-5.45	-7.21	59.38	0.0794	1.5144	0.0792
805	SLV 13	-15.93	5.47	56.09	-0.0197	1.2403	0.0861
805	SLV 14	-16.8	5.25	55.49	-0.0198	1.2035	0.1119
805	SLV 15	-16.13	-0.07	55.75	0.0081	1.2064	0.0788
805	SLV 16	-17	-0.29	55.15	0.0079	1.1696	0.1046
805	CRTFP Ux+	0	0	0	0	0	0
805	CRTFP Ux-	0	0	0	0	0	0
806	SLU 1	0.11	2.22	44.72	0.0098	0.1435	0.0569
806	SLU 2	0.11	2.32	44.74	0.0097	0.1437	0.0571
806	SLU 3	0.11	2.29	45.64	0.0101	0.1466	0.0583
806	SLU 4	0.12	2.35	45.66	0.01	0.1467	0.0585
806	SLU 5	0.12	2.35	45.31	0.0099	0.1449	0.0583
806	SLU 6	0.12	2.32	46.21	0.0102	0.1478	0.0595
806	SLU 7	0.12	2.38	46.22	0.0102	0.148	0.0597
806	SLU 8	0.12	2.28	45.85	0.0101	0.146	0.0592
806	SLU 9	0.13	2.34	45.87	0.01	0.1461	0.0593
806	SLU 10	0.14	2.6	50.16	0.0109	0.1586	0.0618
806	SLU 11	0.14	2.58	51.06	0.0112	0.1615	0.063
806	SLU 12	0.14	2.64	51.08	0.0112	0.1616	0.0632
806	SLU 13	0.14	2.63	50.73	0.011	0.1599	0.063
806	SLU 14	0.15	2.61	51.63	0.0114	0.1628	0.0642
806	SLU 15	0.15	2.67	51.64	0.0113	0.1629	0.0643
806	SLU 16	0.15	2.57	51.27	0.0112	0.161	0.0638
806	SLU 17	0.15	2.63	51.29	0.0112	0.1611	0.064
806	SLU 18	0.15	2.63	52.46	0.0114	0.1648	0.0635
806	SLU 19	0.15	2.69	52.48	0.0114	0.1649	0.0637
806	SLU 20	0.15	2.66	53.03	0.0116	0.1661	0.0647
806	SLU 21	0.15	2.72	53.04	0.0115	0.1662	0.0649
806	SLU 22	0.11	2.62	50.01	0.0113	0.1619	0.0612
806	SLU 23	0.12	2.71	50.03	0.0112	0.1621	0.0615
806	SLU 24	0.12	2.69	50.93	0.0116	0.165	0.0627
806	SLU 25	0.12	2.75	50.95	0.0115	0.1651	0.0628
806	SLU 26	0.12	2.74	50.6	0.0114	0.1633	0.0626
806	SLU 27	0.13	2.72	51.5	0.0117	0.1663	0.0638
806	SLU 28	0.13	2.78	51.51	0.0117	0.1664	0.064
806	SLU 29	0.13	2.68	51.14	0.0116	0.1644	0.0635
806	SLU 30	0.13	2.73	51.16	0.0115	0.1645	0.0637
806	SLU 31	0.14	3	55.45	0.0123	0.177	0.0661
806	SLU 32	0.15	2.98	56.35	0.0127	0.1799	0.0673
806	SLU 33	0.15	3.03	56.36	0.0126	0.18	0.0675
806	SLU 34	0.15	3.03	56.02	0.0125	0.1783	0.0673
806	SLU 35	0.15	3.01	56.92	0.0128	0.1812	0.0685
806	SLU 36	0.16	3.06	56.93	0.0128	0.1813	0.0686
806	SLU 37	0.16	2.96	56.56	0.0127	0.1794	0.0682
806	SLU 38	0.16	3.02	56.57	0.0127	0.1795	0.0683
806	SLU 39	0.15	3.03	57.75	0.0129	0.1832	0.0679
806	SLU 40	0.15	3.08	57.76	0.0129	0.1833	0.068
806	SLU 41	0.16	3.06	58.32	0.0131	0.1845	0.069
806	SLU 42	0.16	3.11	58.33	0.013	0.1846	0.0692
806	SLU 43	0.14	2.75	56.33	0.0123	0.1802	0.0724
806	SLU 44	0.14	2.85	56.35	0.0122	0.1804	0.0727
806	SLU 45	0.15	2.82	57.25	0.0125	0.1833	0.0739
806	SLU 46	0.15	2.88	57.26	0.0125	0.1834	0.0741
806	SLU 47	0.15	2.88	56.91	0.0123	0.1817	0.0739
806	SLU 48	0.15	2.85	57.81	0.0127	0.1846	0.0751
806	SLU 49	0.15	2.91	57.83	0.0126	0.1847	0.0752
806	SLU 50	0.15	2.81	57.46	0.0125	0.1827	0.0748
806	SLU 51	0.16	2.87	57.47	0.0125	0.1829	0.0749
806	SLU 52	0.17	3.13	61.77	0.0133	0.1953	0.0774
806	SLU 53	0.17	3.11	62.67	0.0136	0.1982	0.0786
806	SLU 54	0.17	3.17	62.68	0.0136	0.1984	0.0788
806	SLU 55	0.17	3.16	62.33	0.0134	0.1966	0.0786
806	SLU 56	0.18	3.14	63.23	0.0138	0.1995	0.0797
806	SLU 57	0.18	3.2	63.25	0.0137	0.1996	0.0799
806	SLU 58	0.18	3.1	62.88	0.0137	0.1977	0.0794
806	SLU 59	0.18	3.16	62.89	0.0136	0.1978	0.0796
806	SLU 60	0.18	3.16	64.07	0.0139	0.2015	0.0791
806	SLU 61	0.18	3.22	64.08	0.0138	0.2017	0.0793
806	SLU 62	0.18	3.19	64.63	0.014	0.2028	0.0803
806	SLU 63	0.18	3.25	64.65	0.0139	0.2029	0.0804
806	SLU 64	0.14	3.15	61.61	0.0138	0.1986	0.0768



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
806	SLU 65	0.15	3.24	61.64	0.0137	0.1988	0.077
806	SLU 66	0.15	3.22	62.54	0.014	0.2017	0.0782
806	SLU 67	0.15	3.28	62.55	0.014	0.2018	0.0784
806	SLU 68	0.15	3.27	62.2	0.0138	0.2001	0.0782
806	SLU 69	0.16	3.25	63.1	0.0142	0.203	0.0794
806	SLU 70	0.16	3.31	63.12	0.0141	0.2031	0.0795
806	SLU 71	0.16	3.21	62.75	0.014	0.2012	0.0791
806	SLU 72	0.16	3.27	62.76	0.014	0.2013	0.0792
806	SLU 73	0.17	3.53	67.05	0.0148	0.2137	0.0817
806	SLU 74	0.18	3.51	67.95	0.0151	0.2167	0.0829
806	SLU 75	0.18	3.56	67.97	0.0151	0.2168	0.0831
806	SLU 76	0.18	3.56	67.62	0.0149	0.215	0.0829
806	SLU 77	0.19	3.54	68.52	0.0153	0.2179	0.0841
806	SLU 78	0.19	3.59	68.53	0.0152	0.218	0.0842
806	SLU 79	0.19	3.49	68.16	0.0152	0.2161	0.0837
806	SLU 80	0.19	3.55	68.18	0.0151	0.2162	0.0839
806	SLU 81	0.18	3.56	69.35	0.0154	0.22	0.0834
806	SLU 82	0.18	3.61	69.37	0.0153	0.2201	0.0836
806	SLU 83	0.19	3.59	69.92	0.0155	0.2212	0.0846
806	SLU 84	0.19	3.64	69.93	0.0154	0.2213	0.0848
806	SLE RA 1	0.11	2.33	46.23	0.0103	0.1487	0.0581
806	SLE RA 2	0.11	2.4	46.25	0.0102	0.1489	0.0583
806	SLE RA 3	0.11	2.38	46.85	0.0104	0.1508	0.0591
806	SLE RA 4	0.11	2.42	46.86	0.0104	0.1509	0.0592
806	SLE RA 5	0.12	2.42	46.63	0.0103	0.1497	0.0591
806	SLE RA 6	0.12	2.4	47.23	0.0105	0.1516	0.0598
806	SLE RA 7	0.12	2.44	47.23	0.0105	0.1517	0.06
806	SLE RA 8	0.12	2.37	46.99	0.0104	0.1504	0.0596
806	SLE RA 9	0.12	2.41	47	0.0104	0.1505	0.0597
806	SLE RA 10	0.13	2.59	49.86	0.0109	0.1588	0.0614
806	SLE RA 11	0.13	2.57	50.46	0.0112	0.1608	0.0622
806	SLE RA 12	0.13	2.61	50.47	0.0111	0.1608	0.0623
806	SLE RA 13	0.13	2.61	50.24	0.011	0.1597	0.0622
806	SLE RA 14	0.14	2.59	50.84	0.0113	0.1616	0.063
806	SLE RA 15	0.14	2.63	50.85	0.0112	0.1617	0.0631
806	SLE RA 16	0.14	2.57	50.6	0.0112	0.1604	0.0628
806	SLE RA 17	0.14	2.6	50.61	0.0111	0.1605	0.0629
806	SLE RA 18	0.13	2.61	51.39	0.0113	0.163	0.0626
806	SLE RA 19	0.14	2.65	51.4	0.0113	0.163	0.0627
806	SLE RA 20	0.14	2.63	51.77	0.0114	0.1638	0.0633
806	SLE RA 21	0.14	2.67	51.78	0.0114	0.1639	0.0634
806	SLE FR 1	0.11	2.33	46.23	0.0103	0.1487	0.0581
806	SLE FR 2	0.11	2.35	46.24	0.0102	0.1488	0.0581
806	SLE FR 3	0.11	2.34	46.38	0.0103	0.1491	0.0584
806	SLE FR 4	0.12	2.43	47.78	0.0106	0.153	0.0595
806	SLE FR 5	0.12	2.42	47.93	0.0106	0.1533	0.0597
806	SLE FR 6	0.12	2.47	48.81	0.0108	0.1558	0.0603
806	SLE QP 1	0.11	2.33	46.23	0.0103	0.1487	0.0581
806	SLE QP 2	0.12	2.42	47.78	0.0106	0.153	0.0594
806	SLD 1	7.65	3.75	48.3	0.0112	0.3918	0.1081
806	SLD 2	7.26	3.73	48.22	0.0111	0.3747	0.1129
806	SLD 3	7.56	1.48	48.39	0.0134	0.3862	0.111
806	SLD 4	7.17	1.46	48.31	0.0133	0.3691	0.1158
806	SLD 5	2.58	6.27	47.81	0.0075	0.2363	0.0687
806	SLD 6	2.33	6.25	47.76	0.0074	0.2251	0.0718
806	SLD 7	2.28	-1.31	48.12	0.0148	0.2174	0.0786
806	SLD 8	2.03	-1.32	48.06	0.0147	0.2062	0.0817
806	SLD 9	-1.79	6.15	47.5	0.0065	0.0998	0.0372
806	SLD 10	-2.05	6.14	47.45	0.0064	0.0886	0.0403
806	SLD 11	-2.1	-1.42	47.8	0.0138	0.081	0.0471
806	SLD 12	-2.35	-1.44	47.75	0.0137	0.0697	0.0502
806	SLD 13	-6.94	3.37	47.25	0.0079	-0.0631	0.0031
806	SLD 14	-7.32	3.35	47.17	0.0078	-0.0802	0.0078
806	SLD 15	-7.03	1.1	47.34	0.0101	-0.0687	0.006
806	SLD 16	-7.41	1.08	47.26	0.01	-0.0858	0.0108
806	SLV 1	17.73	5.47	49.04	0.0121	0.7129	0.1733
806	SLV 2	16.84	5.42	48.85	0.0118	0.6731	0.1844
806	SLV 3	17.52	0.32	49.25	0.0171	0.6999	0.1801
806	SLV 4	16.63	0.27	49.06	0.0168	0.6601	0.1912
806	SLV 5	5.87	11.15	47.87	0.0036	0.3476	0.0813
806	SLV 6	5.29	11.12	47.75	0.0034	0.3218	0.0885
806	SLV 7	5.18	-6.02	48.57	0.0201	0.3043	0.1041
806	SLV 8	4.6	-6.05	48.45	0.0199	0.2785	0.1113
806	SLV 9	-4.37	10.88	47.11	0.0012	0.0275	0.0076
806	SLV 10	-4.94	10.85	46.99	0.0011	0.0017	0.0148
806	SLV 11	-5.06	-6.29	47.81	0.0178	-0.0158	0.0304
806	SLV 12	-5.64	-6.32	47.69	0.0176	-0.0416	0.0376
806	SLV 13	-16.4	4.56	46.5	0.0044	-0.3541	-0.0723
806	SLV 14	-17.29	4.51	46.31	0.0041	-0.3939	-0.0612
806	SLV 15	-16.6	-0.59	46.71	0.0093	-0.3671	-0.0655
806	SLV 16	-17.5	-0.64	46.52	0.009	-0.4069	-0.0544
806	CRTFP Ux+	0	0	0	0	0	0
806	CRTFP Ux-	0	0	0	0	0	0
807	SLU 1	0.06	2.63	55.37	0.066	-1.3781	-0.0118
807	SLU 2	0.06	2.73	55.41	0.0654	-1.3796	-0.0119
807	SLU 3	0.07	2.71	56.57	0.0679	-1.4156	-0.0121
807	SLU 4	0.07	2.78	56.59	0.0675	-1.4165	-0.0122
807	SLU 5	0.07	2.77	56.14	0.0665	-1.4032	-0.012
807	SLU 6	0.07	2.75	57.31	0.0689	-1.4392	-0.0122



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
807	SLU 7	0.07	2.81	57.33	0.0686	-1.4401	-0.0123
807	SLU 8	0.08	2.71	56.85	0.0681	-1.4253	-0.0119
807	SLU 9	0.08	2.77	56.87	0.0677	-1.4262	-0.012
807	SLU 10	0.08	3.06	62.45	0.0731	-1.6037	-0.013
807	SLU 11	0.09	3.04	63.62	0.0756	-1.6398	-0.0131
807	SLU 12	0.09	3.1	63.64	0.0752	-1.6407	-0.0132
807	SLU 13	0.09	3.1	63.19	0.0742	-1.6273	-0.0131
807	SLU 14	0.1	3.08	64.36	0.0766	-1.6634	-0.0132
807	SLU 15	0.1	3.14	64.37	0.0763	-1.6643	-0.0133
807	SLU 16	0.1	3.03	63.9	0.0758	-1.6494	-0.013
807	SLU 17	0.1	3.1	63.92	0.0755	-1.6503	-0.0131
807	SLU 18	0.09	3.1	65.44	0.077	-1.6983	-0.0133
807	SLU 19	0.09	3.16	65.46	0.0767	-1.6992	-0.0134
807	SLU 20	0.1	3.14	66.18	0.0781	-1.7219	-0.0134
807	SLU 21	0.1	3.2	66.2	0.0777	-1.7228	-0.0135
807	SLU 22	0.06	3.07	62.23	0.0758	-1.5955	-0.0133
807	SLU 23	0.06	3.17	62.26	0.0753	-1.597	-0.0135
807	SLU 24	0.07	3.15	63.42	0.0777	-1.6331	-0.0136
807	SLU 25	0.07	3.22	63.44	0.0774	-1.634	-0.0137
807	SLU 26	0.07	3.21	63	0.0763	-1.6206	-0.0136
807	SLU 27	0.08	3.19	64.16	0.0788	-1.6567	-0.0137
807	SLU 28	0.08	3.26	64.18	0.0784	-1.6576	-0.0138
807	SLU 29	0.08	3.15	63.71	0.0779	-1.6427	-0.0135
807	SLU 30	0.08	3.21	63.72	0.0776	-1.6436	-0.0136
807	SLU 31	0.09	3.5	69.31	0.083	-1.8212	-0.0145
807	SLU 32	0.09	3.48	70.47	0.0854	-1.8572	-0.0147
807	SLU 33	0.09	3.54	70.49	0.0851	-1.8581	-0.0148
807	SLU 34	0.09	3.54	70.05	0.084	-1.8448	-0.0146
807	SLU 35	0.1	3.52	71.21	0.0865	-1.8808	-0.0148
807	SLU 36	0.1	3.58	71.23	0.0861	-1.8817	-0.0149
807	SLU 37	0.1	3.47	70.75	0.0857	-1.8669	-0.0145
807	SLU 38	0.1	3.54	70.77	0.0853	-1.8678	-0.0146
807	SLU 39	0.09	3.54	72.3	0.0869	-1.9158	-0.0148
807	SLU 40	0.1	3.6	72.31	0.0865	-1.9167	-0.0149
807	SLU 41	0.1	3.58	73.03	0.0879	-1.9394	-0.0149
807	SLU 42	0.1	3.64	73.05	0.0876	-1.9403	-0.015
807	SLU 43	0.08	3.27	69.64	0.0824	-1.7169	-0.0148
807	SLU 44	0.08	3.37	69.67	0.0818	-1.7184	-0.0149
807	SLU 45	0.08	3.35	70.83	0.0843	-1.7545	-0.0151
807	SLU 46	0.08	3.41	70.85	0.0839	-1.7554	-0.0152
807	SLU 47	0.09	3.41	70.41	0.0829	-1.742	-0.015
807	SLU 48	0.09	3.39	71.57	0.0853	-1.7781	-0.0152
807	SLU 49	0.09	3.45	71.59	0.085	-1.779	-0.0153
807	SLU 50	0.09	3.34	71.11	0.0845	-1.7641	-0.0149
807	SLU 51	0.09	3.41	71.13	0.0842	-1.765	-0.015
807	SLU 52	0.1	3.7	76.72	0.0896	-1.9426	-0.016
807	SLU 53	0.11	3.68	77.88	0.092	-1.9786	-0.0161
807	SLU 54	0.11	3.74	77.9	0.0916	-1.9795	-0.0162
807	SLU 55	0.11	3.74	77.46	0.0906	-1.9662	-0.0161
807	SLU 56	0.11	3.72	78.62	0.093	-2.0022	-0.0162
807	SLU 57	0.11	3.78	78.64	0.0927	-2.0031	-0.0163
807	SLU 58	0.11	3.67	78.16	0.0922	-1.9883	-0.016
807	SLU 59	0.12	3.73	78.18	0.0919	-1.9892	-0.0161
807	SLU 60	0.11	3.73	79.7	0.0934	-2.0372	-0.0163
807	SLU 61	0.11	3.8	79.72	0.0931	-2.0381	-0.0164
807	SLU 62	0.12	3.77	80.44	0.0945	-2.0608	-0.0164
807	SLU 63	0.12	3.84	80.46	0.0941	-2.0617	-0.0165
807	SLU 64	0.08	3.71	76.49	0.0923	-1.9344	-0.0163
807	SLU 65	0.08	3.81	76.52	0.0917	-1.9359	-0.0165
807	SLU 66	0.09	3.79	77.68	0.0941	-1.9719	-0.0166
807	SLU 67	0.09	3.85	77.7	0.0938	-1.9728	-0.0167
807	SLU 68	0.09	3.85	77.26	0.0927	-1.9595	-0.0166
807	SLU 69	0.09	3.83	78.42	0.0952	-1.9955	-0.0167
807	SLU 70	0.09	3.89	78.44	0.0948	-1.9964	-0.0168
807	SLU 71	0.09	3.78	77.97	0.0944	-1.9816	-0.0165
807	SLU 72	0.1	3.85	77.99	0.094	-1.9825	-0.0166
807	SLU 73	0.1	4.14	83.57	0.0994	-2.16	-0.0175
807	SLU 74	0.11	4.12	84.73	0.1018	-2.1961	-0.0177
807	SLU 75	0.11	4.18	84.75	0.1015	-2.197	-0.0178
807	SLU 76	0.11	4.18	84.31	0.1005	-2.1836	-0.0176
807	SLU 77	0.12	4.16	85.47	0.1029	-2.2197	-0.0178
807	SLU 78	0.12	4.22	85.49	0.1026	-2.2206	-0.0179
807	SLU 79	0.12	4.11	85.02	0.1021	-2.2057	-0.0175
807	SLU 80	0.12	4.17	85.03	0.1017	-2.2066	-0.0176
807	SLU 81	0.11	4.17	86.56	0.1033	-2.2546	-0.0178
807	SLU 82	0.11	4.24	86.58	0.103	-2.2555	-0.0179
807	SLU 83	0.12	4.21	87.3	0.1043	-2.2782	-0.0179
807	SLU 84	0.12	4.28	87.32	0.104	-2.2791	-0.018
807	SLE RA 1	0.06	2.75	57.33	0.0688	-1.4402	-0.0122
807	SLE RA 2	0.06	2.82	57.35	0.0684	-1.4412	-0.0123
807	SLE RA 3	0.07	2.81	58.13	0.07	-1.4652	-0.0124
807	SLE RA 4	0.07	2.85	58.14	0.0698	-1.4658	-0.0125
807	SLE RA 5	0.07	2.85	57.85	0.0691	-1.4569	-0.0124
807	SLE RA 6	0.07	2.84	58.62	0.0707	-1.4809	-0.0125
807	SLE RA 7	0.07	2.88	58.63	0.0705	-1.4815	-0.0125
807	SLE RA 8	0.07	2.81	58.32	0.0702	-1.4717	-0.0123
807	SLE RA 9	0.07	2.85	58.33	0.07	-1.4722	-0.0124
807	SLE RA 10	0.08	3.04	62.05	0.0736	-1.5906	-0.013
807	SLE RA 11	0.08	3.03	62.83	0.0752	-1.6147	-0.0131



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
807	SLE RA 12	0.08	3.07	62.84	0.075	-1.6153	-0.0132
807	SLE RA 13	0.08	3.07	62.54	0.0743	-1.6064	-0.0131
807	SLE RA 14	0.08	3.06	63.32	0.0759	-1.6304	-0.0132
807	SLE RA 15	0.09	3.1	63.33	0.0757	-1.631	-0.0132
807	SLE RA 16	0.09	3.02	63.02	0.0753	-1.6211	-0.013
807	SLE RA 17	0.09	3.07	63.03	0.0751	-1.6217	-0.0131
807	SLE RA 18	0.08	3.07	64.04	0.0762	-1.6537	-0.0132
807	SLE RA 19	0.08	3.11	64.06	0.0759	-1.6543	-0.0133
807	SLE RA 20	0.09	3.09	64.54	0.0769	-1.6694	-0.0133
807	SLE RA 21	0.09	3.13	64.55	0.0766	-1.67	-0.0133
807	SLE FR 1	0.06	2.75	57.33	0.0688	-1.4402	-0.0122
807	SLE FR 2	0.06	2.77	57.34	0.0687	-1.4404	-0.0122
807	SLE FR 3	0.06	2.77	57.53	0.0691	-1.4465	-0.0122
807	SLE FR 4	0.07	2.86	59.35	0.0709	-1.5044	-0.0125
807	SLE FR 5	0.07	2.86	59.54	0.0713	-1.5105	-0.0125
807	SLE FR 6	0.07	2.91	60.69	0.0725	-1.5469	-0.0127
807	SLE QP 1	0.06	2.75	57.33	0.0688	-1.4402	-0.0122
807	SLE QP 2	0.07	2.85	59.35	0.071	-1.5042	-0.0125
807	SLD 1	7.4	4.47	57.74	0.0585	-1.3121	-0.0296
807	SLD 2	7.02	4.52	57.78	0.0571	-1.3213	-0.0181
807	SLD 3	7.31	2.05	57.54	0.0714	-1.2919	-0.0241
807	SLD 4	6.93	2.1	57.58	0.07	-1.3011	-0.0125
807	SLD 5	2.47	6.99	59.16	0.048	-1.4755	-0.0281
807	SLD 6	2.22	7.02	59.19	0.0471	-1.4816	-0.0205
807	SLD 7	2.17	-1.06	58.49	0.0909	-1.4083	-0.0097
807	SLD 8	1.93	-1.03	58.52	0.09	-1.4144	-0.0021
807	SLD 9	-1.79	6.73	60.17	0.0521	-1.5941	-0.023
807	SLD 10	-2.04	6.76	60.2	0.0512	-1.6002	-0.0153
807	SLD 11	-2.09	-1.32	59.5	0.0949	-1.5269	-0.0045
807	SLD 12	-2.33	-1.29	59.53	0.094	-1.533	0.0031
807	SLD 13	-6.8	3.59	61.11	0.072	-1.7073	-0.0125
807	SLD 14	-7.17	3.64	61.15	0.0707	-1.7165	-0.0009
807	SLD 15	-6.89	1.18	60.91	0.0849	-1.6872	-0.0069
807	SLD 16	-7.26	1.23	60.95	0.0835	-1.6964	0.0046
807	SLV 1	17.21	6.56	55.56	0.0418	-1.0533	-0.0524
807	SLV 2	16.34	6.67	55.66	0.0386	-1.0748	-0.0255
807	SLV 3	17.01	1.08	55.11	0.0709	-1.0077	-0.0399
807	SLV 4	16.14	1.2	55.21	0.0677	-1.0292	-0.0129
807	SLV 5	5.67	12.24	58.88	0.0187	-1.4344	-0.0482
807	SLV 6	5.11	12.32	58.94	0.0166	-1.4483	-0.0308
807	SLV 7	4.99	-6	57.37	0.1157	-1.2824	-0.0064
807	SLV 8	4.43	-5.93	57.43	0.1136	-1.2963	0.0111
807	SLV 9	-4.3	11.62	61.26	0.0284	-1.7122	-0.0361
807	SLV 10	-4.86	11.7	61.32	0.0264	-1.7261	-0.0187
807	SLV 11	-4.97	-6.62	59.75	0.1254	-1.5602	0.0057
807	SLV 12	-5.53	-6.54	59.81	0.1233	-1.5741	0.0232
807	SLV 13	-16	4.5	63.48	0.0743	-1.9793	-0.0121
807	SLV 14	-16.87	4.61	63.58	0.0711	-2.0008	0.0148
807	SLV 15	-16.2	-0.97	63.03	0.1034	-1.9337	0.0005
807	SLV 16	-17.07	-0.86	63.13	0.1002	-1.9552	0.0274
807	CRTFP Ux+	0	0	0	0	0	0
807	CRTFP Ux-	0	0	0	0	0	0
809	SLU 1	0.04	2.51	73.74	2.3355	11.0262	-0.4734
809	SLU 2	0.04	2.62	73.79	2.335	11.0328	-0.4924
809	SLU 3	0.04	2.59	75.4	2.3894	11.2702	-0.4888
809	SLU 4	0.04	2.66	75.43	2.3891	11.2741	-0.5002
809	SLU 5	0.05	2.66	74.82	2.3681	11.1839	-0.4997
809	SLU 6	0.05	2.63	76.43	2.4224	11.4213	-0.496
809	SLU 7	0.05	2.7	76.46	2.4222	11.4252	-0.5074
809	SLU 8	0.05	2.58	75.8	2.4016	11.3285	-0.4879
809	SLU 9	0.05	2.65	75.83	2.4013	11.3324	-0.4993
809	SLU 10	0.06	2.95	83.59	2.6424	12.4729	-0.5521
809	SLU 11	0.06	2.93	85.2	2.6968	12.7103	-0.5484
809	SLU 12	0.06	2.99	85.22	2.6965	12.7143	-0.5598
809	SLU 13	0.06	2.99	84.62	2.6755	12.6241	-0.5593
809	SLU 14	0.07	2.96	86.22	2.7298	12.8615	-0.5557
809	SLU 15	0.07	3.03	86.25	2.7295	12.8654	-0.5671
809	SLU 16	0.07	2.92	85.59	2.709	12.7687	-0.5475
809	SLU 17	0.07	2.98	85.62	2.7087	12.7726	-0.5589
809	SLU 18	0.06	2.99	87.73	2.7746	13.0836	-0.5586
809	SLU 19	0.07	3.05	87.76	2.7743	13.0875	-0.57
809	SLU 20	0.07	3.02	88.76	2.8077	13.2347	-0.5659
809	SLU 21	0.07	3.09	88.79	2.8074	13.2387	-0.5773
809	SLU 22	0.04	2.96	83.28	2.6425	12.426	-0.5529
809	SLU 23	0.04	3.07	83.33	2.6421	12.4326	-0.5719
809	SLU 24	0.04	3.04	84.93	2.6964	12.67	-0.5683
809	SLU 25	0.04	3.11	84.96	2.6961	12.6739	-0.5797
809	SLU 26	0.05	3.11	84.35	2.6751	12.5837	-0.5792
809	SLU 27	0.05	3.08	85.96	2.7295	12.8211	-0.5755
809	SLU 28	0.05	3.15	85.99	2.7292	12.825	-0.5869
809	SLU 29	0.05	3.03	85.33	2.7087	12.7283	-0.5674
809	SLU 30	0.05	3.1	85.36	2.7084	12.7322	-0.5788
809	SLU 31	0.06	3.4	93.12	2.9495	13.8727	-0.6316
809	SLU 32	0.06	3.38	94.73	3.0038	14.1101	-0.6279
809	SLU 33	0.06	3.44	94.76	3.0035	14.1141	-0.6393
809	SLU 34	0.06	3.44	94.15	2.9825	14.0239	-0.6388
809	SLU 35	0.07	3.41	95.75	3.0369	14.2613	-0.6352
809	SLU 36	0.07	3.48	95.78	3.0366	14.2652	-0.6466
809	SLU 37	0.07	3.36	95.13	3.0161	14.1685	-0.6271



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
809	SLU 38	0.07	3.43	95.16	3.0158	14.1724	-0.6385
809	SLU 39	0.06	3.43	97.27	3.0817	14.4834	-0.6382
809	SLU 40	0.07	3.5	97.3	3.0814	14.4873	-0.6496
809	SLU 41	0.07	3.47	98.29	3.1147	14.6345	-0.6454
809	SLU 42	0.07	3.54	98.32	3.1144	14.6385	-0.6568
809	SLU 43	0.05	3.11	92.6	2.9309	13.8542	-0.5882
809	SLU 44	0.05	3.22	92.65	2.9304	13.8607	-0.6072
809	SLU 45	0.05	3.19	94.26	2.9847	14.0981	-0.6035
809	SLU 46	0.05	3.26	94.29	2.9845	14.1021	-0.6149
809	SLU 47	0.06	3.26	93.68	2.9634	14.0119	-0.6144
809	SLU 48	0.06	3.23	95.29	3.0178	14.2493	-0.6108
809	SLU 49	0.06	3.3	95.32	3.0175	14.2532	-0.6222
809	SLU 50	0.06	3.18	94.66	2.997	14.1564	-0.6027
809	SLU 51	0.06	3.25	94.69	2.9967	14.1604	-0.6141
809	SLU 52	0.07	3.55	102.44	3.2378	15.3009	-0.6668
809	SLU 53	0.07	3.53	104.05	3.2921	15.5383	-0.6632
809	SLU 54	0.07	3.59	104.08	3.2918	15.5422	-0.6746
809	SLU 55	0.08	3.59	103.47	3.2708	15.452	-0.6741
809	SLU 56	0.08	3.56	105.08	3.3252	15.6894	-0.6704
809	SLU 57	0.08	3.63	105.11	3.3249	15.6933	-0.6818
809	SLU 58	0.08	3.52	104.45	3.3044	15.5966	-0.6623
809	SLU 59	0.08	3.58	104.48	3.3041	15.6005	-0.6737
809	SLU 60	0.08	3.58	106.59	3.37	15.9116	-0.6734
809	SLU 61	0.08	3.65	106.62	3.3697	15.9155	-0.6848
809	SLU 62	0.08	3.62	107.62	3.4031	16.0627	-0.6806
809	SLU 63	0.08	3.69	107.65	3.4028	16.0666	-0.692
809	SLU 64	0.05	3.56	102.13	3.2379	15.254	-0.6677
809	SLU 65	0.05	3.67	102.18	3.2374	15.2605	-0.6867
809	SLU 66	0.05	3.64	103.79	3.2918	15.4979	-0.6831
809	SLU 67	0.05	3.71	103.82	3.2915	15.5018	-0.6945
809	SLU 68	0.06	3.71	103.21	3.2705	15.4117	-0.6939
809	SLU 69	0.06	3.68	104.82	3.3249	15.6491	-0.6903
809	SLU 70	0.06	3.75	104.85	3.3246	15.653	-0.7017
809	SLU 71	0.06	3.63	104.19	3.304	15.5562	-0.6822
809	SLU 72	0.06	3.7	104.22	3.3038	15.5602	-0.6936
809	SLU 73	0.07	4	111.97	3.5448	16.7007	-0.7464
809	SLU 74	0.07	3.97	113.58	3.5992	16.9381	-0.7427
809	SLU 75	0.07	4.04	113.61	3.5989	16.942	-0.7541
809	SLU 76	0.08	4.04	113	3.5779	16.8518	-0.7536
809	SLU 77	0.08	4.01	114.61	3.6323	17.0892	-0.7499
809	SLU 78	0.08	4.08	114.64	3.632	17.0931	-0.7613
809	SLU 79	0.08	3.96	113.98	3.6114	16.9964	-0.7418
809	SLU 80	0.08	4.03	114.01	3.6111	17.0003	-0.7532
809	SLU 81	0.08	4.03	116.12	3.677	17.3114	-0.7529
809	SLU 82	0.08	4.1	116.15	3.6768	17.3153	-0.7643
809	SLU 83	0.08	4.07	117.15	3.7101	17.4625	-0.7601
809	SLU 84	0.08	4.14	117.18	3.7098	17.4664	-0.7716
809	SLE RA 1	0.04	2.64	76.47	2.4232	11.4262	-0.4961
809	SLE RA 2	0.04	2.71	76.5	2.4229	11.4305	-0.5088
809	SLE RA 3	0.04	2.7	77.57	2.4591	11.5888	-0.5064
809	SLE RA 4	0.04	2.74	77.59	2.4589	11.5914	-0.514
809	SLE RA 5	0.04	2.74	77.19	2.4449	11.5313	-0.5136
809	SLE RA 6	0.05	2.72	78.26	2.4812	11.6896	-0.5112
809	SLE RA 7	0.05	2.76	78.28	2.481	11.6922	-0.5188
809	SLE RA 8	0.05	2.69	77.84	2.4673	11.6277	-0.5058
809	SLE RA 9	0.05	2.73	77.86	2.4671	11.6303	-0.5134
809	SLE RA 10	0.05	2.94	83.03	2.6278	12.3907	-0.5486
809	SLE RA 11	0.05	2.92	84.1	2.6641	12.5489	-0.5461
809	SLE RA 12	0.05	2.96	84.12	2.6639	12.5515	-0.5537
809	SLE RA 13	0.06	2.96	83.72	2.6499	12.4914	-0.5534
809	SLE RA 14	0.06	2.94	84.79	2.6861	12.6497	-0.551
809	SLE RA 15	0.06	2.98	84.81	2.6859	12.6523	-0.5586
809	SLE RA 16	0.06	2.91	84.37	2.6722	12.5878	-0.5456
809	SLE RA 17	0.06	2.95	84.39	2.672	12.5904	-0.5532
809	SLE RA 18	0.06	2.96	85.79	2.716	12.7978	-0.5529
809	SLE RA 19	0.06	3	85.81	2.7158	12.8004	-0.5605
809	SLE RA 20	0.06	2.98	86.48	2.738	12.8985	-0.5578
809	SLE RA 21	0.06	3.02	86.5	2.7378	12.9011	-0.5654
809	SLE FR 1	0.04	2.64	76.47	2.4232	11.4262	-0.4961
809	SLE FR 2	0.04	2.65	76.47	2.4231	11.4271	-0.4987
809	SLE FR 3	0.04	2.65	76.74	2.432	11.4665	-0.4981
809	SLE FR 4	0.04	2.75	79.27	2.511	11.8385	-0.5157
809	SLE FR 5	0.04	2.74	79.54	2.5199	11.878	-0.5151
809	SLE FR 6	0.05	2.8	81.13	2.5696	12.112	-0.5245
809	SLE QP 1	0.04	2.64	76.47	2.4232	11.4262	-0.4961
809	SLE QP 2	0.04	2.73	79.27	2.511	11.8377	-0.5132
809	SLD 1	7.13	3.74	75.67	2.3656	11.4665	-0.9983
809	SLD 2	6.77	3.96	75.77	2.364	11.4796	-1.0054
809	SLD 3	7.05	1.14	75.27	2.3973	11.424	-0.5581
809	SLD 4	6.68	1.36	75.38	2.3958	11.4371	-0.5652
809	SLD 5	2.36	6.93	78.76	2.4195	11.7884	-1.3251
809	SLD 6	2.12	7.08	78.83	2.4185	11.797	-1.3298
809	SLD 7	2.08	-1.72	77.46	2.5254	11.6468	0.1422
809	SLD 8	1.84	-1.57	77.52	2.5244	11.6554	0.1376
809	SLD 9	-1.75	7.04	81.01	2.4977	12.0199	-1.1639
809	SLD 10	-2	7.19	81.08	2.4967	12.0285	-1.1686
809	SLD 11	-2.04	-1.61	79.7	2.6036	11.8783	0.3034
809	SLD 12	-2.28	-1.46	79.77	2.6026	11.8869	0.2987
809	SLD 13	-6.6	4.1	83.15	2.6263	12.2382	-0.4611



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
809	SLD 14	-6.96	4.33	83.26	2.6247	12.2513	-0.4682
809	SLD 15	-6.68	1.51	82.76	2.6581	12.1957	-0.0209
809	SLD 16	-7.05	1.73	82.87	2.6565	12.2088	-0.028
809	SLV 1	16.62	4.96	70.81	2.1716	10.9641	-1.6317
809	SLV 2	15.77	5.48	71.05	2.168	10.9946	-1.6482
809	SLV 3	16.43	-0.92	69.92	2.2435	10.8676	-0.6339
809	SLV 4	15.58	-0.4	70.17	2.2399	10.8981	-0.6504
809	SLV 5	5.46	12.23	78.03	2.3007	11.7166	-2.3592
809	SLV 6	4.91	12.57	78.19	2.2984	11.7363	-2.3699
809	SLV 7	4.81	-7.38	75.08	2.5405	11.395	0.9668
809	SLV 8	4.26	-7.04	75.23	2.5382	11.4148	0.9561
809	SLV 9	-4.17	12.51	83.3	2.4839	12.2605	-1.9825
809	SLV 10	-4.73	12.85	83.46	2.4816	12.2803	-1.9932
809	SLV 11	-4.82	-7.1	80.34	2.7237	11.939	1.3435
809	SLV 12	-5.37	-6.77	80.5	2.7213	11.9587	1.3328
809	SLV 13	-15.49	5.87	88.36	2.7822	12.7772	-0.376
809	SLV 14	-16.35	6.39	88.61	2.7785	12.8077	-0.3925
809	SLV 15	-15.69	-0.01	87.48	2.8541	12.6807	0.6218
809	SLV 16	-16.54	0.51	87.72	2.8505	12.7113	0.6053
809	CRTFP Ux+	0	0	0	0	0	0
809	CRTFP Ux-	0	0	0	0	0	0
809	CRTFP Uy+	0	0	0	0	0	0
809	CRTFP Uy-	0	0	0	0	0	0
811	SLU 1	-0.52	0.54	30.75	-0.0042	-2.8304	0.1358
811	SLU 2	-0.52	0.63	30.77	-0.0042	-2.8327	0.16
811	SLU 3	-0.53	0.55	31.48	-0.0043	-2.8872	0.1398
811	SLU 4	-0.53	0.61	31.49	-0.0043	-2.8886	0.1543
811	SLU 5	-0.53	0.65	31.22	-0.0043	-2.8673	0.163
811	SLU 6	-0.54	0.57	31.92	-0.0044	-2.9218	0.1428
811	SLU 7	-0.54	0.62	31.94	-0.0044	-2.9231	0.1573
811	SLU 8	-0.53	0.56	31.64	-0.0044	-2.8995	0.1417
811	SLU 9	-0.53	0.62	31.65	-0.0044	-2.9009	0.1563
811	SLU 10	-0.55	0.75	34.29	-0.0046	-3.1194	0.1893
811	SLU 11	-0.56	0.67	35	-0.0047	-3.1739	0.1691
811	SLU 12	-0.57	0.73	35.01	-0.0047	-3.1753	0.1837
811	SLU 13	-0.56	0.76	34.74	-0.0047	-3.154	0.1923
811	SLU 14	-0.57	0.68	35.44	-0.0048	-3.2085	0.1721
811	SLU 15	-0.57	0.74	35.46	-0.0048	-3.2099	0.1866
811	SLU 16	-0.57	0.68	35.16	-0.0048	-3.1863	0.171
811	SLU 17	-0.57	0.74	35.17	-0.0048	-3.1876	0.1856
811	SLU 18	-0.57	0.7	35.78	-0.0048	-3.2401	0.1776
811	SLU 19	-0.57	0.76	35.79	-0.0048	-3.2414	0.1922
811	SLU 20	-0.58	0.72	36.22	-0.0049	-3.2746	0.1806
811	SLU 21	-0.58	0.77	36.24	-0.0048	-3.276	0.1952
811	SLU 22	-0.56	0.64	34.33	-0.0044	-3.1195	0.1625
811	SLU 23	-0.56	0.74	34.35	-0.0044	-3.1218	0.1868
811	SLU 24	-0.57	0.66	35.06	-0.0045	-3.1763	0.1666
811	SLU 25	-0.57	0.72	35.07	-0.0045	-3.1777	0.1811
811	SLU 26	-0.57	0.75	34.8	-0.0045	-3.1564	0.1898
811	SLU 27	-0.58	0.67	35.5	-0.0046	-3.2109	0.1695
811	SLU 28	-0.58	0.73	35.52	-0.0046	-3.2122	0.1841
811	SLU 29	-0.58	0.67	35.22	-0.0046	-3.1886	0.1685
811	SLU 30	-0.58	0.73	35.23	-0.0046	-3.19	0.183
811	SLU 31	-0.6	0.86	37.87	-0.0048	-3.4086	0.2161
811	SLU 32	-0.61	0.78	38.58	-0.0049	-3.4631	0.1959
811	SLU 33	-0.61	0.83	38.59	-0.0049	-3.4644	0.2104
811	SLU 34	-0.61	0.87	38.32	-0.0049	-3.4431	0.2191
811	SLU 35	-0.62	0.79	39.02	-0.005	-3.4976	0.1988
811	SLU 36	-0.62	0.85	39.04	-0.005	-3.499	0.2134
811	SLU 37	-0.61	0.78	38.74	-0.005	-3.4754	0.1978
811	SLU 38	-0.61	0.84	38.75	-0.005	-3.4767	0.2123
811	SLU 39	-0.61	0.81	39.36	-0.005	-3.5292	0.2044
811	SLU 40	-0.61	0.87	39.37	-0.005	-3.5305	0.219
811	SLU 41	-0.62	0.82	39.8	-0.0051	-3.5637	0.2074
811	SLU 42	-0.62	0.88	39.82	-0.0051	-3.5651	0.2219
811	SLU 43	-0.66	0.66	38.75	-0.0054	-3.5804	0.1673
811	SLU 44	-0.66	0.76	38.77	-0.0054	-3.5827	0.1916
811	SLU 45	-0.67	0.68	39.47	-0.0055	-3.6372	0.1713
811	SLU 46	-0.67	0.74	39.49	-0.0055	-3.6386	0.1859
811	SLU 47	-0.66	0.77	39.21	-0.0054	-3.6173	0.1946
811	SLU 48	-0.67	0.69	39.92	-0.0056	-3.6718	0.1743
811	SLU 49	-0.68	0.75	39.93	-0.0056	-3.6731	0.1889
811	SLU 50	-0.67	0.69	39.64	-0.0055	-3.6495	0.1733
811	SLU 51	-0.67	0.74	39.65	-0.0055	-3.6509	0.1878
811	SLU 52	-0.69	0.88	42.29	-0.0058	-3.8695	0.2209
811	SLU 53	-0.7	0.8	43	-0.0059	-3.924	0.2006
811	SLU 54	-0.7	0.85	43.01	-0.0059	-3.9253	0.2152
811	SLU 55	-0.7	0.89	42.73	-0.0058	-3.904	0.2239
811	SLU 56	-0.71	0.81	43.44	-0.006	-3.9585	0.2036
811	SLU 57	-0.71	0.87	43.45	-0.006	-3.9599	0.2182
811	SLU 58	-0.71	0.8	43.16	-0.0059	-3.9363	0.2026
811	SLU 59	-0.71	0.86	43.17	-0.0059	-3.9376	0.2171
811	SLU 60	-0.71	0.83	43.78	-0.0059	-3.9901	0.2092
811	SLU 61	-0.71	0.89	43.79	-0.0059	-3.9914	0.2237
811	SLU 62	-0.71	0.84	44.22	-0.006	-4.0246	0.2122
811	SLU 63	-0.72	0.9	44.23	-0.006	-4.026	0.2267
811	SLU 64	-0.7	0.77	42.32	-0.0056	-3.8696	0.1941
811	SLU 65	-0.7	0.87	42.35	-0.0056	-3.8718	0.2184
811	SLU 66	-0.71	0.79	43.05	-0.0057	-3.9263	0.1981



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
811	SLU 67	-0.71	0.84	43.07	-0.0057	-3.9277	0.2127
811	SLU 68	-0.71	0.88	42.79	-0.0057	-3.9064	0.2213
811	SLU 69	-0.72	0.8	43.5	-0.0058	-3.9609	0.2011
811	SLU 70	-0.72	0.86	43.51	-0.0058	-3.9622	0.2156
811	SLU 71	-0.72	0.79	43.22	-0.0058	-3.9387	0.2
811	SLU 72	-0.72	0.85	43.23	-0.0058	-3.94	0.2146
811	SLU 73	-0.74	0.98	45.87	-0.006	-4.1586	0.2477
811	SLU 74	-0.75	0.9	46.57	-0.0061	-4.2131	0.2274
811	SLU 75	-0.75	0.96	46.59	-0.0061	-4.2144	0.242
811	SLU 76	-0.75	0.99	46.31	-0.0061	-4.1931	0.2506
811	SLU 77	-0.76	0.91	47.02	-0.0062	-4.2476	0.2304
811	SLU 78	-0.76	0.97	47.03	-0.0062	-4.249	0.2449
811	SLU 79	-0.75	0.91	46.74	-0.0062	-4.2254	0.2293
811	SLU 80	-0.75	0.97	46.75	-0.0062	-4.2268	0.2439
811	SLU 81	-0.75	0.94	47.35	-0.0062	-4.2792	0.2359
811	SLU 82	-0.75	0.99	47.37	-0.0062	-4.2805	0.2505
811	SLU 83	-0.76	0.95	47.8	-0.0063	-4.3137	0.2389
811	SLU 84	-0.76	1.01	47.81	-0.0062	-4.3151	0.2535
811	SLE RA 1	-0.53	0.57	31.77	-0.0043	-2.913	0.1434
811	SLE RA 2	-0.53	0.63	31.79	-0.0042	-2.9146	0.1596
811	SLE RA 3	-0.54	0.58	32.26	-0.0043	-2.9509	0.1461
811	SLE RA 4	-0.54	0.62	32.27	-0.0043	-2.9518	0.1558
811	SLE RA 5	-0.54	0.64	32.08	-0.0043	-2.9376	0.1616
811	SLE RA 6	-0.54	0.59	32.55	-0.0044	-2.9739	0.1481
811	SLE RA 7	-0.54	0.63	32.56	-0.0044	-2.9748	0.1578
811	SLE RA 8	-0.54	0.58	32.37	-0.0044	-2.9591	0.1474
811	SLE RA 9	-0.54	0.62	32.37	-0.0044	-2.96	0.1571
811	SLE RA 10	-0.55	0.71	34.13	-0.0045	-3.1057	0.1791
811	SLE RA 11	-0.56	0.66	34.6	-0.0046	-3.142	0.1656
811	SLE RA 12	-0.56	0.7	34.61	-0.0046	-3.143	0.1753
811	SLE RA 13	-0.56	0.72	34.43	-0.0046	-3.1287	0.1811
811	SLE RA 14	-0.57	0.66	34.9	-0.0047	-3.1651	0.1676
811	SLE RA 15	-0.57	0.7	34.91	-0.0047	-3.166	0.1773
811	SLE RA 16	-0.56	0.66	34.71	-0.0046	-3.1503	0.1669
811	SLE RA 17	-0.56	0.7	34.72	-0.0046	-3.1512	0.1766
811	SLE RA 18	-0.56	0.68	35.12	-0.0046	-3.1861	0.1713
811	SLE RA 19	-0.56	0.72	35.13	-0.0046	-3.187	0.181
811	SLE RA 20	-0.57	0.69	35.42	-0.0047	-3.2092	0.1733
811	SLE RA 21	-0.57	0.73	35.43	-0.0047	-3.2101	0.183
811	SLE FR 1	-0.53	0.57	31.77	-0.0043	-2.913	0.1434
811	SLE FR 2	-0.53	0.58	31.77	-0.0043	-2.9133	0.1467
811	SLE FR 3	-0.53	0.57	31.89	-0.0043	-2.9223	0.1442
811	SLE FR 4	-0.54	0.61	32.78	-0.0044	-2.9953	0.155
811	SLE FR 5	-0.54	0.6	32.9	-0.0044	-3.0042	0.1526
811	SLE FR 6	-0.55	0.62	33.45	-0.0044	-3.0496	0.1574
811	SLE QP 1	-0.53	0.57	31.77	-0.0043	-2.913	0.1434
811	SLE QP 2	-0.54	0.6	32.78	-0.0044	-2.995	0.1518
811	SLD 1	2.05	1.28	41.1	-0.009	-3.6703	0.3188
811	SLD 2	1.87	0.72	41.38	-0.0073	-3.685	0.1806
811	SLD 3	1.99	-0.07	41.4	-0.0061	-3.6825	-0.0187
811	SLD 4	1.81	-0.63	41.67	-0.0044	-3.6972	-0.1568
811	SLD 5	0.36	2.95	34.77	-0.0105	-3.1764	0.7385
811	SLD 6	0.24	2.58	34.96	-0.0093	-3.1861	0.6475
811	SLD 7	0.16	-1.55	35.76	-0.0008	-3.2171	-0.3864
811	SLD 8	0.04	-1.91	35.94	0.0003	-3.2268	-0.4774
811	SLD 9	-1.12	3.12	29.61	-0.0091	-2.7632	0.781
811	SLD 10	-1.24	2.75	29.79	-0.0079	-2.7729	0.69
811	SLD 11	-1.32	-1.38	30.6	0.0006	-2.8038	-0.3439
811	SLD 12	-1.44	-1.75	30.78	0.0017	-2.8135	-0.4349
811	SLD 13	-2.89	1.83	23.88	-0.0044	-2.2927	0.4604
811	SLD 14	-3.07	1.27	24.16	-0.0026	-2.3074	0.3223
811	SLD 15	-2.95	0.48	24.18	-0.0015	-2.3049	0.1229
811	SLD 16	-3.13	-0.07	24.45	0.0003	-2.3196	-0.0152
811	SLV 1	5.52	2.13	52.27	-0.0152	-4.5759	0.5287
811	SLV 2	5.11	0.83	52.91	-0.0111	-4.6102	0.207
811	SLV 3	5.39	-0.93	52.94	-0.0086	-4.6041	-0.2359
811	SLV 4	4.97	-2.22	53.59	-0.0045	-4.6384	-0.5575
811	SLV 5	1.56	5.92	37.5	-0.0183	-3.4205	1.4802
811	SLV 6	1.29	5.08	37.91	-0.0156	-3.4427	1.2721
811	SLV 7	1.1	-4.26	39.73	0.0036	-3.5146	-1.0682
811	SLV 8	0.84	-5.1	40.15	0.0062	-3.5368	-1.2763
811	SLV 9	-1.92	6.31	25.41	-0.015	-2.4532	1.5799
811	SLV 10	-2.18	5.47	25.82	-0.0123	-2.4754	1.3718
811	SLV 11	-2.37	-3.88	27.64	0.0068	-2.5473	-0.9685
811	SLV 12	-2.64	-4.71	28.06	0.0095	-2.5694	-1.1766
811	SLV 13	-6.05	3.43	11.97	-0.0042	-1.3515	0.8611
811	SLV 14	-6.47	2.13	12.61	-0.0001	-1.3858	0.5394
811	SLV 15	-6.19	0.37	12.64	0.0023	-1.3797	0.0966
811	SLV 16	-6.6	-0.92	13.28	0.0064	-1.414	-0.2251
811	CRTFP Ux+	0	0	0	0	0	0
811	CRTFP Ux-	0	0	0	0	0	0
811	CRTFP Uy+	0	0	0	0	0	0
811	CRTFP Uy-	0	0	0	0	0	0
814	SLU 1	0.58	0.43	33.12	-0.0447	4.4065	-0.1534
814	SLU 2	0.58	0.54	33.14	-0.0447	4.4108	-0.1914
814	SLU 3	0.6	0.44	33.9	-0.0459	4.4904	-0.1551
814	SLU 4	0.6	0.5	33.91	-0.0459	4.493	-0.178
814	SLU 5	0.59	0.54	33.62	-0.0455	4.4625	-0.1911
814	SLU 6	0.61	0.44	34.37	-0.0466	4.5421	-0.1548



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
814	SLU 7	0.61	0.5	34.38	-0.0466	4.5447	-0.1776
814	SLU 8	0.61	0.43	34.07	-0.0462	4.5098	-0.1527
814	SLU 9	0.61	0.5	34.08	-0.0462	4.5124	-0.1755
814	SLU 10	0.61	0.67	36.88	-0.0503	4.8337	-0.2355
814	SLU 11	0.63	0.57	37.64	-0.0514	4.9133	-0.1992
814	SLU 12	0.63	0.63	37.65	-0.0515	4.9159	-0.222
814	SLU 13	0.62	0.67	37.36	-0.051	4.8854	-0.2351
814	SLU 14	0.64	0.56	38.11	-0.0522	4.9649	-0.1988
814	SLU 15	0.64	0.63	38.12	-0.0522	4.9676	-0.2217
814	SLU 16	0.64	0.56	37.81	-0.0518	4.9327	-0.1967
814	SLU 17	0.64	0.62	37.82	-0.0518	4.9353	-0.2196
814	SLU 18	0.63	0.61	38.47	-0.0526	5.0106	-0.2163
814	SLU 19	0.63	0.68	38.48	-0.0527	5.0132	-0.2392
814	SLU 20	0.64	0.61	38.94	-0.0534	5.0622	-0.216
814	SLU 21	0.64	0.68	38.95	-0.0534	5.0648	-0.2388
814	SLU 22	0.63	0.54	36.89	-0.0501	4.8287	-0.1913
814	SLU 23	0.63	0.65	36.91	-0.0502	4.8331	-0.2294
814	SLU 24	0.65	0.55	37.66	-0.0513	4.9127	-0.1931
814	SLU 25	0.65	0.61	37.67	-0.0513	4.9153	-0.2159
814	SLU 26	0.64	0.65	37.38	-0.0509	4.8847	-0.229
814	SLU 27	0.66	0.55	38.14	-0.0521	4.9643	-0.1927
814	SLU 28	0.66	0.61	38.15	-0.0521	4.9669	-0.2156
814	SLU 29	0.66	0.54	37.84	-0.0516	4.9321	-0.1906
814	SLU 30	0.65	0.61	37.85	-0.0517	4.9347	-0.2135
814	SLU 31	0.66	0.78	40.65	-0.0557	5.2559	-0.2735
814	SLU 32	0.68	0.67	41.4	-0.0569	5.3355	-0.2372
814	SLU 33	0.68	0.74	41.41	-0.0569	5.3381	-0.26
814	SLU 34	0.67	0.78	41.12	-0.0565	5.3076	-0.2731
814	SLU 35	0.69	0.67	41.88	-0.0577	5.3872	-0.2368
814	SLU 36	0.69	0.74	41.89	-0.0577	5.3898	-0.2596
814	SLU 37	0.69	0.67	41.58	-0.0572	5.3549	-0.2347
814	SLU 38	0.69	0.73	41.59	-0.0572	5.3575	-0.2575
814	SLU 39	0.68	0.72	42.23	-0.0581	5.4328	-0.2543
814	SLU 40	0.68	0.79	42.24	-0.0581	5.4354	-0.2771
814	SLU 41	0.69	0.72	42.71	-0.0588	5.4844	-0.2539
814	SLU 42	0.69	0.79	42.72	-0.0589	5.4871	-0.2768
814	SLU 43	0.74	0.53	41.77	-0.0562	5.5837	-0.1864
814	SLU 44	0.74	0.64	41.79	-0.0562	5.588	-0.2244
814	SLU 45	0.76	0.53	42.54	-0.0574	5.6676	-0.1881
814	SLU 46	0.76	0.6	42.55	-0.0574	5.6702	-0.211
814	SLU 47	0.75	0.64	42.26	-0.057	5.6397	-0.2241
814	SLU 48	0.77	0.53	43.02	-0.0582	5.7193	-0.1878
814	SLU 49	0.77	0.6	43.03	-0.0582	5.7219	-0.2106
814	SLU 50	0.76	0.53	42.72	-0.0577	5.687	-0.1857
814	SLU 51	0.76	0.59	42.73	-0.0577	5.6896	-0.2085
814	SLU 52	0.77	0.76	45.53	-0.0618	6.0109	-0.2685
814	SLU 53	0.79	0.66	46.28	-0.063	6.0905	-0.2322
814	SLU 54	0.79	0.72	46.29	-0.063	6.0931	-0.255
814	SLU 55	0.78	0.76	46	-0.0626	6.0625	-0.2681
814	SLU 56	0.8	0.66	46.76	-0.0637	6.1421	-0.2318
814	SLU 57	0.8	0.72	46.77	-0.0638	6.1447	-0.2547
814	SLU 58	0.8	0.65	46.46	-0.0633	6.1099	-0.2297
814	SLU 59	0.79	0.72	46.47	-0.0633	6.1125	-0.2525
814	SLU 60	0.78	0.71	47.11	-0.0642	6.1877	-0.2493
814	SLU 61	0.78	0.77	47.12	-0.0642	6.1904	-0.2721
814	SLU 62	0.8	0.71	47.59	-0.0649	6.2394	-0.249
814	SLU 63	0.8	0.77	47.6	-0.0649	6.242	-0.2718
814	SLU 64	0.79	0.64	45.54	-0.0617	6.0059	-0.2243
814	SLU 65	0.79	0.74	45.55	-0.0617	6.0103	-0.2624
814	SLU 66	0.81	0.64	46.31	-0.0629	6.0898	-0.2261
814	SLU 67	0.81	0.71	46.32	-0.0629	6.0925	-0.2489
814	SLU 68	0.8	0.74	46.03	-0.0625	6.0619	-0.262
814	SLU 69	0.82	0.64	46.78	-0.0636	6.1415	-0.2257
814	SLU 70	0.82	0.71	46.79	-0.0636	6.1441	-0.2486
814	SLU 71	0.81	0.63	46.48	-0.0632	6.1092	-0.2236
814	SLU 72	0.81	0.7	46.49	-0.0632	6.1118	-0.2465
814	SLU 73	0.82	0.87	49.29	-0.0673	6.4331	-0.3065
814	SLU 74	0.84	0.77	50.05	-0.0684	6.5127	-0.2701
814	SLU 75	0.84	0.83	50.06	-0.0684	6.5153	-0.293
814	SLU 76	0.83	0.87	49.77	-0.068	6.4848	-0.3061
814	SLU 77	0.85	0.77	50.52	-0.0692	6.5644	-0.2698
814	SLU 78	0.85	0.83	50.53	-0.0692	6.567	-0.2926
814	SLU 79	0.84	0.76	50.22	-0.0688	6.5321	-0.2677
814	SLU 80	0.84	0.82	50.24	-0.0688	6.5347	-0.2905
814	SLU 81	0.83	0.82	50.88	-0.0696	6.61	-0.2873
814	SLU 82	0.83	0.88	50.89	-0.0696	6.6126	-0.3101
814	SLU 83	0.85	0.81	51.35	-0.0704	6.6616	-0.2869
814	SLU 84	0.85	0.88	51.36	-0.0704	6.6642	-0.3098
814	SLE RA 1	0.6	0.47	34.2	-0.0462	4.5271	-0.1642
814	SLE RA 2	0.59	0.54	34.21	-0.0463	4.53	-0.1896
814	SLE RA 3	0.61	0.47	34.71	-0.047	4.5831	-0.1654
814	SLE RA 4	0.61	0.51	34.72	-0.047	4.5848	-0.1806
814	SLE RA 5	0.6	0.54	34.53	-0.0468	4.5645	-0.1894
814	SLE RA 6	0.62	0.47	35.03	-0.0475	4.6175	-0.1652
814	SLE RA 7	0.62	0.51	35.04	-0.0476	4.6193	-0.1804
814	SLE RA 8	0.61	0.46	34.83	-0.0473	4.596	-0.1637
814	SLE RA 9	0.61	0.51	34.84	-0.0473	4.5978	-0.179
814	SLE RA 10	0.62	0.62	36.71	-0.05	4.8119	-0.219
814	SLE RA 11	0.63	0.55	37.21	-0.0508	4.865	-0.1948



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
814	SLE RA 12	0.63	0.6	37.22	-0.0508	4.8667	-0.21
814	SLE RA 13	0.62	0.62	37.02	-0.0505	4.8464	-0.2187
814	SLE RA 14	0.64	0.55	37.52	-0.0513	4.8994	-0.1945
814	SLE RA 15	0.64	0.6	37.53	-0.0513	4.9012	-0.2097
814	SLE RA 16	0.63	0.55	37.33	-0.051	4.8779	-0.1931
814	SLE RA 17	0.63	0.59	37.33	-0.051	4.8797	-0.2083
814	SLE RA 18	0.63	0.59	37.76	-0.0515	4.9298	-0.2062
814	SLE RA 19	0.63	0.63	37.77	-0.0516	4.9316	-0.2214
814	SLE RA 20	0.63	0.58	38.08	-0.052	4.9643	-0.2059
814	SLE RA 21	0.63	0.63	38.09	-0.0521	4.966	-0.2212
814	SLE FR 1	0.6	0.47	34.2	-0.0462	4.5271	-0.1642
814	SLE FR 2	0.6	0.48	34.2	-0.0462	4.5277	-0.1693
814	SLE FR 3	0.6	0.47	34.33	-0.0464	4.5409	-0.1641
814	SLE FR 4	0.6	0.52	35.27	-0.0478	4.6485	-0.1819
814	SLE FR 5	0.61	0.5	35.39	-0.048	4.6617	-0.1767
814	SLE FR 6	0.61	0.53	35.98	-0.0489	4.7285	-0.1852
814	SLE QP 1	0.6	0.47	34.2	-0.0462	4.5271	-0.1642
814	SLE QP 2	0.6	0.5	35.27	-0.0478	4.6479	-0.1768
814	SLD 1	2.3	1.11	26.27	-0.033	3.713	-0.3916
814	SLD 2	2.08	1.77	26	-0.0347	3.6922	-0.622
814	SLD 3	2.61	-0.38	26.67	-0.0301	3.7332	0.1293
814	SLD 4	2.39	0.28	26.4	-0.0318	3.7124	-0.1011
814	SLD 5	0.68	2.83	32.01	-0.0475	4.3404	-0.99
814	SLD 6	0.54	3.26	31.83	-0.0486	4.3267	-1.1417
814	SLD 7	1.72	-2.14	33.34	-0.0378	4.408	0.7464
814	SLD 8	1.57	-1.71	33.16	-0.0389	4.3943	0.5946
814	SLD 9	-0.36	2.71	37.37	-0.0567	4.9016	-0.9483
814	SLD 10	-0.51	3.15	37.19	-0.0579	4.8879	-1.1
814	SLD 11	0.67	-2.26	38.7	-0.0471	4.9691	0.7881
814	SLD 12	0.53	-1.83	38.52	-0.0482	4.9554	0.6364
814	SLD 13	-1.18	0.72	44.14	-0.0639	5.5834	-0.2525
814	SLD 14	-1.4	1.38	43.87	-0.0656	5.5626	-0.4829
814	SLD 15	-0.87	-0.77	44.54	-0.061	5.6037	0.2684
814	SLD 16	-1.09	-0.11	44.27	-0.0626	5.5829	0.038
814	SLV 1	4.58	1.88	14.22	-0.0131	2.4603	-0.6618
814	SLV 2	4.06	3.42	13.59	-0.017	2.4118	-1.1983
814	SLV 3	5.28	-1.5	15.12	-0.0065	2.5067	0.5191
814	SLV 4	4.76	0.04	14.5	-0.0104	2.4583	-0.0174
814	SLV 5	0.82	5.78	27.7	-0.0467	3.9297	-2.0202
814	SLV 6	0.48	6.77	27.29	-0.0492	3.8983	-2.3674
814	SLV 7	3.17	-5.5	30.7	-0.0248	4.0844	1.916
814	SLV 8	2.83	-4.5	30.29	-0.0273	4.053	1.5689
814	SLV 9	-1.62	5.5	40.24	-0.0684	5.2429	-1.9225
814	SLV 10	-1.96	6.5	39.84	-0.0709	5.2115	-2.2697
814	SLV 11	0.73	-5.77	43.25	-0.0464	5.3976	2.0137
814	SLV 12	0.39	-4.77	42.84	-0.049	5.3662	1.6666
814	SLV 13	-3.55	0.97	56.04	-0.0853	6.8376	-0.3362
814	SLV 14	-4.07	2.51	55.41	-0.0892	6.7892	-0.8727
814	SLV 15	-2.85	-2.42	56.94	-0.0787	6.884	0.8447
814	SLV 16	-3.37	-0.88	56.32	-0.0826	6.8356	0.3082
814	CRTFP Ux+	0	0	0	0	0	0
814	CRTFP Ux-	0	0	0	0	0	0
814	CRTFP Uy+	0	0	0	0	0	0
814	CRTFP Uy-	0	0	0	0	0	0
816	SLU 1	1.44	0.1	64.19	0.0207	0.3636	-0.0169
816	SLU 2	1.44	0.2	64.23	0.0204	0.3619	-0.0173
816	SLU 3	1.48	0.11	65.71	0.0212	0.3756	-0.0173
816	SLU 4	1.48	0.17	65.73	0.021	0.3745	-0.0176
816	SLU 5	1.47	0.2	65.15	0.0206	0.3684	-0.0177
816	SLU 6	1.51	0.1	66.63	0.0214	0.3821	-0.0177
816	SLU 7	1.51	0.16	66.65	0.0212	0.3811	-0.0179
816	SLU 8	1.5	0.09	66.03	0.0212	0.3767	-0.0177
816	SLU 9	1.5	0.15	66.06	0.021	0.3756	-0.0179
816	SLU 10	1.53	0.29	72.17	0.0229	0.422	-0.0189
816	SLU 11	1.57	0.2	73.64	0.0238	0.4357	-0.0189
816	SLU 12	1.57	0.26	73.67	0.0236	0.4346	-0.0192
816	SLU 13	1.56	0.29	73.09	0.0232	0.4285	-0.0192
816	SLU 14	1.6	0.19	74.56	0.024	0.4422	-0.0193
816	SLU 15	1.6	0.25	74.59	0.0238	0.4411	-0.0195
816	SLU 16	1.59	0.18	73.97	0.0238	0.4368	-0.0192
816	SLU 17	1.59	0.24	74	0.0236	0.4357	-0.0195
816	SLU 18	1.57	0.23	75.53	0.0244	0.4495	-0.0192
816	SLU 19	1.57	0.29	75.56	0.0242	0.4484	-0.0194
816	SLU 20	1.6	0.23	76.45	0.0246	0.456	-0.0195
816	SLU 21	1.6	0.28	76.48	0.0244	0.4549	-0.0198
816	SLU 22	1.56	0.22	72.09	0.0239	0.4235	-0.018
816	SLU 23	1.56	0.32	72.13	0.0236	0.4217	-0.0184
816	SLU 24	1.6	0.22	73.6	0.0244	0.4355	-0.0184
816	SLU 25	1.6	0.28	73.63	0.0242	0.4344	-0.0186
816	SLU 26	1.58	0.31	73.05	0.0238	0.4283	-0.0187
816	SLU 27	1.62	0.22	74.52	0.0247	0.442	-0.0188
816	SLU 28	1.62	0.28	74.55	0.0245	0.4409	-0.019
816	SLU 29	1.61	0.21	73.93	0.0244	0.4366	-0.0187
816	SLU 30	1.61	0.27	73.95	0.0242	0.4355	-0.019
816	SLU 31	1.65	0.41	80.07	0.0262	0.4818	-0.0199
816	SLU 32	1.69	0.31	81.54	0.027	0.4956	-0.02
816	SLU 33	1.69	0.37	81.56	0.0268	0.4945	-0.0202
816	SLU 34	1.67	0.4	80.99	0.0264	0.4884	-0.0203
816	SLU 35	1.71	0.31	82.46	0.0273	0.5021	-0.0204



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
816	SLU 36	1.71	0.37	82.48	0.027	0.501	-0.0206
816	SLU 37	1.7	0.3	81.87	0.027	0.4967	-0.0203
816	SLU 38	1.7	0.36	81.89	0.0268	0.4956	-0.0205
816	SLU 39	1.69	0.35	83.43	0.0276	0.5093	-0.0202
816	SLU 40	1.69	0.41	83.45	0.0274	0.5083	-0.0205
816	SLU 41	1.71	0.34	84.35	0.0279	0.5159	-0.0206
816	SLU 42	1.71	0.4	84.37	0.0277	0.5148	-0.0208
816	SLU 43	1.84	0.09	80.74	0.0258	0.4522	-0.0216
816	SLU 44	1.84	0.19	80.78	0.0255	0.4504	-0.022
816	SLU 45	1.88	0.1	82.26	0.0263	0.4641	-0.022
816	SLU 46	1.88	0.16	82.28	0.0261	0.4631	-0.0223
816	SLU 47	1.86	0.19	81.7	0.0257	0.457	-0.0224
816	SLU 48	1.9	0.09	83.18	0.0265	0.4707	-0.0224
816	SLU 49	1.9	0.15	83.2	0.0263	0.4696	-0.0227
816	SLU 50	1.89	0.08	82.58	0.0263	0.4652	-0.0224
816	SLU 51	1.89	0.14	82.61	0.0261	0.4642	-0.0226
816	SLU 52	1.93	0.28	88.72	0.028	0.5105	-0.0236
816	SLU 53	1.97	0.19	90.19	0.0289	0.5242	-0.0236
816	SLU 54	1.97	0.25	90.22	0.0287	0.5232	-0.0239
816	SLU 55	1.95	0.28	89.64	0.0283	0.517	-0.024
816	SLU 56	1.99	0.18	91.11	0.0291	0.5308	-0.024
816	SLU 57	1.99	0.24	91.14	0.0289	0.5297	-0.0242
816	SLU 58	1.98	0.17	90.52	0.0289	0.5253	-0.0239
816	SLU 59	1.98	0.23	90.55	0.0287	0.5243	-0.0242
816	SLU 60	1.97	0.22	92.08	0.0295	0.538	-0.0239
816	SLU 61	1.97	0.28	92.11	0.0293	0.537	-0.0241
816	SLU 62	1.99	0.22	93	0.0297	0.5446	-0.0242
816	SLU 63	1.99	0.28	93.03	0.0295	0.5435	-0.0245
816	SLU 64	1.95	0.21	88.64	0.029	0.5121	-0.0227
816	SLU 65	1.95	0.31	88.68	0.0287	0.5103	-0.0231
816	SLU 66	1.99	0.21	90.15	0.0295	0.524	-0.0231
816	SLU 67	1.99	0.27	90.18	0.0293	0.523	-0.0233
816	SLU 68	1.98	0.3	89.6	0.0289	0.5168	-0.0234
816	SLU 69	2.02	0.21	91.07	0.0298	0.5305	-0.0235
816	SLU 70	2.02	0.27	91.1	0.0296	0.5295	-0.0237
816	SLU 71	2.01	0.2	90.48	0.0295	0.5251	-0.0234
816	SLU 72	2.01	0.26	90.5	0.0293	0.5241	-0.0237
816	SLU 73	2.04	0.4	96.62	0.0313	0.5704	-0.0246
816	SLU 74	2.08	0.3	98.09	0.0321	0.5841	-0.0247
816	SLU 75	2.08	0.36	98.11	0.0319	0.5831	-0.0249
816	SLU 76	2.07	0.39	97.54	0.0315	0.5769	-0.025
816	SLU 77	2.11	0.3	99.01	0.0324	0.5906	-0.0251
816	SLU 78	2.11	0.36	99.04	0.0322	0.5896	-0.0253
816	SLU 79	2.1	0.29	98.42	0.0321	0.5852	-0.025
816	SLU 80	2.1	0.35	98.44	0.0319	0.5842	-0.0252
816	SLU 81	2.08	0.34	99.98	0.0327	0.5979	-0.0249
816	SLU 82	2.08	0.4	100	0.0325	0.5969	-0.0252
816	SLU 83	2.11	0.33	100.9	0.033	0.6044	-0.0253
816	SLU 84	2.11	0.39	100.92	0.0328	0.6034	-0.0255
816	SLE RA 1	1.48	0.14	66.45	0.0216	0.3807	-0.0172
816	SLE RA 2	1.48	0.2	66.48	0.0214	0.3796	-0.0175
816	SLE RA 3	1.5	0.14	67.46	0.022	0.3887	-0.0175
816	SLE RA 4	1.5	0.18	67.47	0.0218	0.388	-0.0177
816	SLE RA 5	1.49	0.2	67.09	0.0216	0.3839	-0.0177
816	SLE RA 6	1.52	0.14	68.07	0.0221	0.3931	-0.0177
816	SLE RA 7	1.52	0.18	68.09	0.022	0.3924	-0.0179
816	SLE RA 8	1.51	0.13	67.68	0.022	0.3894	-0.0177
816	SLE RA 9	1.51	0.17	67.69	0.0218	0.3887	-0.0179
816	SLE RA 10	1.54	0.26	71.77	0.0231	0.4196	-0.0185
816	SLE RA 11	1.56	0.2	72.75	0.0237	0.4288	-0.0186
816	SLE RA 12	1.56	0.24	72.77	0.0235	0.4281	-0.0187
816	SLE RA 13	1.55	0.26	72.38	0.0233	0.424	-0.0188
816	SLE RA 14	1.58	0.2	73.36	0.0238	0.4331	-0.0188
816	SLE RA 15	1.58	0.23	73.38	0.0237	0.4324	-0.019
816	SLE RA 16	1.57	0.19	72.97	0.0237	0.4295	-0.0188
816	SLE RA 17	1.57	0.23	72.98	0.0235	0.4288	-0.0189
816	SLE RA 18	1.56	0.22	74.01	0.0241	0.438	-0.0187
816	SLE RA 19	1.56	0.26	74.03	0.0239	0.4373	-0.0189
816	SLE RA 20	1.58	0.22	74.62	0.0243	0.4423	-0.019
816	SLE RA 21	1.58	0.26	74.64	0.0241	0.4416	-0.0191
816	SLE FR 1	1.48	0.14	66.45	0.0216	0.3807	-0.0172
816	SLE FR 2	1.48	0.15	66.45	0.0216	0.3805	-0.0173
816	SLE FR 3	1.48	0.14	66.69	0.0217	0.3825	-0.0173
816	SLE FR 4	1.5	0.17	68.72	0.0223	0.3977	-0.0177
816	SLE FR 5	1.51	0.16	68.96	0.0224	0.3996	-0.0178
816	SLE FR 6	1.52	0.18	70.23	0.0229	0.4093	-0.018
816	SLE QP 1	1.48	0.14	66.45	0.0216	0.3807	-0.0172
816	SLE QP 2	1.5	0.16	68.72	0.0224	0.3979	-0.0177
816	SLD 1	6.94	1.03	63.56	0.0167	0.3336	-0.0503
816	SLD 2	6.56	1.52	63.05	0.0132	0.3425	-0.0381
816	SLD 3	6.99	-0.69	64.06	0.0267	0.3836	-0.0515
816	SLD 4	6.61	-0.2	63.54	0.0232	0.3925	-0.0393
816	SLD 5	3.12	2.95	66.51	0.0061	0.3012	-0.0278
816	SLD 6	2.87	3.27	66.17	0.0038	0.3071	-0.0198
816	SLD 7	3.3	-2.8	68.16	0.0394	0.4678	-0.0318
816	SLD 8	3.05	-2.47	67.82	0.0372	0.4737	-0.0238
816	SLD 9	-0.04	2.8	69.61	0.0076	0.3221	-0.0115
816	SLD 10	-0.29	3.12	69.27	0.0053	0.328	-0.0035
816	SLD 11	0.13	-2.95	71.26	0.0409	0.4887	-0.0155



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
816	SLD 12	-0.12	-2.63	70.92	0.0386	0.4946	-0.0075
816	SLD 13	-3.6	0.53	73.89	0.0215	0.4033	0.004
816	SLD 14	-3.99	1.02	73.38	0.0181	0.4122	0.0162
816	SLD 15	-3.55	-1.2	74.39	0.0315	0.4533	0.0028
816	SLD 16	-3.93	-0.71	73.87	0.0281	0.4622	0.015
816	SLV 1	14.22	2.13	56.65	0.0094	0.2465	-0.0941
816	SLV 2	13.33	3.28	55.45	0.0013	0.2674	-0.0657
816	SLV 3	14.34	-1.77	57.77	0.032	0.36	-0.0969
816	SLV 4	13.45	-0.63	56.57	0.0239	0.3809	-0.0685
816	SLV 5	5.28	6.48	63.61	-0.0144	0.1768	-0.0413
816	SLV 6	4.71	7.23	62.83	-0.0196	0.1902	-0.0229
816	SLV 7	5.69	-6.55	67.34	0.0609	0.555	-0.0506
816	SLV 8	5.12	-5.81	66.56	0.0557	0.5685	-0.0322
816	SLV 9	-2.12	6.13	70.87	-0.011	0.2273	-0.0031
816	SLV 10	-2.69	6.87	70.1	-0.0162	0.2408	0.0153
816	SLV 11	-1.71	-6.9	74.6	0.0644	0.6056	-0.0124
816	SLV 12	-2.28	-6.16	73.83	0.0592	0.619	0.006
816	SLV 13	-10.45	0.95	80.86	0.0208	0.4149	0.0332
816	SLV 14	-11.33	2.1	79.66	0.0128	0.4358	0.0616
816	SLV 15	-10.33	-2.96	81.98	0.0434	0.5284	0.0304
816	SLV 16	-11.21	-1.81	80.78	0.0354	0.5493	0.0588
816	CRTFP Ux+	0	0	0	0	0	0
816	CRTFP Ux-	0	0	0	0	0	0
816	CRTFP Uy+	0	0	0	0	0	0
816	CRTFP Uy-	0	0	0	0	0	0
819	SLU 1	-1.19	-0.9	64.25	-0.0097	-0.4888	0.0113
819	SLU 2	-1.2	-0.8	64.28	-0.0101	-0.4866	0.0115
819	SLU 3	-1.22	-0.91	65.82	-0.0101	-0.5025	0.0115
819	SLU 4	-1.23	-0.85	65.84	-0.0103	-0.5012	0.0116
819	SLU 5	-1.22	-0.81	65.21	-0.0103	-0.4933	0.0116
819	SLU 6	-1.24	-0.93	66.76	-0.0103	-0.5092	0.0115
819	SLU 7	-1.25	-0.87	66.77	-0.0106	-0.5079	0.0117
819	SLU 8	-1.23	-0.93	66.12	-0.0102	-0.5022	0.0113
819	SLU 9	-1.23	-0.87	66.14	-0.0105	-0.5009	0.0115
819	SLU 10	-1.28	-0.83	72.42	-0.0121	-0.564	0.0138
819	SLU 11	-1.3	-0.94	73.96	-0.0121	-0.5799	0.0137
819	SLU 12	-1.31	-0.88	73.98	-0.0123	-0.5786	0.0139
819	SLU 13	-1.3	-0.84	73.35	-0.0123	-0.5707	0.0138
819	SLU 14	-1.32	-0.95	74.9	-0.0123	-0.5866	0.0137
819	SLU 15	-1.33	-0.89	74.91	-0.0126	-0.5853	0.0139
819	SLU 16	-1.31	-0.95	74.26	-0.0122	-0.5795	0.0136
819	SLU 17	-1.31	-0.89	74.28	-0.0125	-0.5782	0.0137
819	SLU 18	-1.31	-0.94	75.88	-0.0125	-0.5993	0.0144
819	SLU 19	-1.31	-0.88	75.89	-0.0128	-0.598	0.0146
819	SLU 20	-1.32	-0.95	76.81	-0.0128	-0.606	0.0145
819	SLU 21	-1.33	-0.89	76.83	-0.013	-0.6047	0.0146
819	SLU 22	-1.3	-0.9	72.32	-0.0106	-0.5636	0.0125
819	SLU 23	-1.31	-0.8	72.34	-0.011	-0.5614	0.0128
819	SLU 24	-1.33	-0.91	73.89	-0.011	-0.5773	0.0127
819	SLU 25	-1.34	-0.85	73.9	-0.0112	-0.576	0.0129
819	SLU 26	-1.33	-0.81	73.28	-0.0113	-0.5681	0.0128
819	SLU 27	-1.35	-0.92	74.82	-0.0113	-0.584	0.0127
819	SLU 28	-1.35	-0.86	74.84	-0.0115	-0.5827	0.0129
819	SLU 29	-1.33	-0.92	74.19	-0.0112	-0.577	0.0126
819	SLU 30	-1.34	-0.86	74.2	-0.0114	-0.5757	0.0127
819	SLU 31	-1.39	-0.82	80.48	-0.013	-0.6388	0.015
819	SLU 32	-1.41	-0.93	82.03	-0.013	-0.6547	0.0149
819	SLU 33	-1.41	-0.87	82.04	-0.0132	-0.6534	0.0151
819	SLU 34	-1.41	-0.83	81.42	-0.0133	-0.6455	0.015
819	SLU 35	-1.43	-0.94	82.96	-0.0133	-0.6613	0.0149
819	SLU 36	-1.43	-0.88	82.98	-0.0135	-0.6601	0.0151
819	SLU 37	-1.41	-0.94	82.33	-0.0132	-0.6543	0.0148
819	SLU 38	-1.42	-0.88	82.34	-0.0134	-0.653	0.0149
819	SLU 39	-1.41	-0.93	83.94	-0.0135	-0.6741	0.0156
819	SLU 40	-1.42	-0.87	83.96	-0.0137	-0.6728	0.0158
819	SLU 41	-1.43	-0.94	84.88	-0.0137	-0.6808	0.0157
819	SLU 42	-1.44	-0.88	84.89	-0.014	-0.6795	0.0159
819	SLU 43	-1.51	-1.17	80.76	-0.0123	-0.6098	0.0142
819	SLU 44	-1.52	-1.07	80.79	-0.0126	-0.6076	0.0145
819	SLU 45	-1.55	-1.19	82.33	-0.0126	-0.6235	0.0144
819	SLU 46	-1.55	-1.13	82.35	-0.0129	-0.6222	0.0146
819	SLU 47	-1.54	-1.09	81.72	-0.0129	-0.6143	0.0145
819	SLU 48	-1.56	-1.2	83.27	-0.0129	-0.6302	0.0145
819	SLU 49	-1.57	-1.14	83.29	-0.0131	-0.6289	0.0146
819	SLU 50	-1.55	-1.2	82.63	-0.0128	-0.6232	0.0143
819	SLU 51	-1.56	-1.14	82.65	-0.013	-0.6219	0.0145
819	SLU 52	-1.6	-1.1	88.93	-0.0146	-0.685	0.0167
819	SLU 53	-1.62	-1.21	90.47	-0.0147	-0.7009	0.0166
819	SLU 54	-1.63	-1.15	90.49	-0.0149	-0.6996	0.0168
819	SLU 55	-1.62	-1.11	89.86	-0.0149	-0.6917	0.0168
819	SLU 56	-1.64	-1.22	91.41	-0.0149	-0.7076	0.0167
819	SLU 57	-1.65	-1.16	91.42	-0.0152	-0.7063	0.0169
819	SLU 58	-1.63	-1.22	90.77	-0.0148	-0.7005	0.0165
819	SLU 59	-1.64	-1.16	90.79	-0.015	-0.6992	0.0167
819	SLU 60	-1.63	-1.21	92.39	-0.0151	-0.7203	0.0174
819	SLU 61	-1.63	-1.15	92.4	-0.0154	-0.719	0.0176
819	SLU 62	-1.65	-1.22	93.32	-0.0154	-0.727	0.0174
819	SLU 63	-1.65	-1.16	93.34	-0.0156	-0.7257	0.0176
819	SLU 64	-1.62	-1.17	88.83	-0.0132	-0.6846	0.0154



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
819	SLU 65	-1.63	-1.07	88.85	-0.0136	-0.6824	0.0157
819	SLU 66	-1.65	-1.18	90.4	-0.0136	-0.6983	0.0156
819	SLU 67	-1.66	-1.12	90.41	-0.0138	-0.697	0.0158
819	SLU 68	-1.65	-1.08	89.79	-0.0138	-0.6891	0.0158
819	SLU 69	-1.67	-1.19	91.33	-0.0139	-0.705	0.0157
819	SLU 70	-1.68	-1.13	91.35	-0.0141	-0.7037	0.0159
819	SLU 71	-1.66	-1.19	90.7	-0.0137	-0.698	0.0155
819	SLU 72	-1.66	-1.13	90.71	-0.014	-0.6967	0.0157
819	SLU 73	-1.71	-1.09	96.99	-0.0156	-0.7598	0.0179
819	SLU 74	-1.73	-1.2	98.54	-0.0156	-0.7757	0.0179
819	SLU 75	-1.74	-1.15	98.55	-0.0158	-0.7744	0.018
819	SLU 76	-1.73	-1.1	97.93	-0.0159	-0.7665	0.018
819	SLU 77	-1.75	-1.22	99.47	-0.0159	-0.7823	0.0179
819	SLU 78	-1.75	-1.16	99.49	-0.0161	-0.7811	0.0181
819	SLU 79	-1.74	-1.22	98.84	-0.0157	-0.7753	0.0177
819	SLU 80	-1.74	-1.16	98.85	-0.016	-0.774	0.0179
819	SLU 81	-1.73	-1.2	100.45	-0.0161	-0.7951	0.0186
819	SLU 82	-1.74	-1.14	100.47	-0.0163	-0.7938	0.0188
819	SLU 83	-1.75	-1.21	101.39	-0.0163	-0.8018	0.0186
819	SLU 84	-1.76	-1.15	101.4	-0.0166	-0.8005	0.0188
819	SLE RA 1	-1.22	-0.9	66.56	-0.0099	-0.5102	0.0116
819	SLE RA 2	-1.23	-0.83	66.57	-0.0102	-0.5087	0.0118
819	SLE RA 3	-1.24	-0.91	67.6	-0.0102	-0.5193	0.0117
819	SLE RA 4	-1.25	-0.87	67.61	-0.0104	-0.5185	0.0119
819	SLE RA 5	-1.24	-0.84	67.2	-0.0104	-0.5132	0.0118
819	SLE RA 6	-1.26	-0.92	68.23	-0.0104	-0.5238	0.0118
819	SLE RA 7	-1.26	-0.88	68.24	-0.0105	-0.5229	0.0119
819	SLE RA 8	-1.25	-0.92	67.8	-0.0103	-0.5191	0.0117
819	SLE RA 9	-1.25	-0.88	67.81	-0.0105	-0.5182	0.0118
819	SLE RA 10	-1.28	-0.85	72	-0.0115	-0.5603	0.0133
819	SLE RA 11	-1.3	-0.92	73.03	-0.0115	-0.5709	0.0132
819	SLE RA 12	-1.3	-0.88	73.04	-0.0117	-0.57	0.0133
819	SLE RA 13	-1.29	-0.86	72.62	-0.0117	-0.5648	0.0133
819	SLE RA 14	-1.31	-0.93	73.65	-0.0117	-0.5753	0.0133
819	SLE RA 15	-1.31	-0.89	73.66	-0.0119	-0.5745	0.0134
819	SLE RA 16	-1.3	-0.93	73.23	-0.0116	-0.5706	0.0131
819	SLE RA 17	-1.3	-0.89	73.24	-0.0118	-0.5698	0.0133
819	SLE RA 18	-1.3	-0.92	74.31	-0.0119	-0.5838	0.0137
819	SLE RA 19	-1.3	-0.88	74.32	-0.012	-0.583	0.0138
819	SLE RA 20	-1.31	-0.93	74.93	-0.012	-0.5883	0.0137
819	SLE RA 21	-1.31	-0.89	74.94	-0.0122	-0.5874	0.0139
819	SLE FR 1	-1.22	-0.9	66.56	-0.0099	-0.5102	0.0116
819	SLE FR 2	-1.22	-0.89	66.56	-0.01	-0.5099	0.0116
819	SLE FR 3	-1.23	-0.9	66.8	-0.01	-0.5119	0.0116
819	SLE FR 4	-1.25	-0.89	68.88	-0.0106	-0.532	0.0123
819	SLE FR 5	-1.25	-0.91	69.13	-0.0106	-0.534	0.0122
819	SLE FR 6	-1.26	-0.91	70.43	-0.0109	-0.547	0.0127
819	SLE QP 1	-1.22	-0.9	66.56	-0.0099	-0.5102	0.0116
819	SLE QP 2	-1.25	-0.91	68.88	-0.0105	-0.5323	0.0122
819	SLD 1	4.49	-0.61	72.63	-0.0153	-0.6053	-0.0208
819	SLD 2	4.1	-1.07	73.42	-0.0122	-0.595	-0.0075
819	SLD 3	4.38	-2.35	73.56	-0.0053	-0.6728	-0.0186
819	SLD 4	3.99	-2.82	74.35	-0.0021	-0.6624	-0.0053
819	SLD 5	0.7	1.92	68.46	-0.0278	-0.4538	-0.0034
819	SLD 6	0.44	1.61	68.98	-0.0258	-0.447	0.0053
819	SLD 7	0.36	-3.91	71.55	0.0058	-0.6785	0.004
819	SLD 8	0.1	-4.21	72.07	0.0079	-0.6717	0.0127
819	SLD 9	-2.59	2.4	65.69	-0.0289	-0.3928	0.0118
819	SLD 10	-2.85	2.09	66.21	-0.0268	-0.386	0.0205
819	SLD 11	-2.94	-3.42	68.79	0.0047	-0.6175	0.0191
819	SLD 12	-3.19	-3.73	69.31	0.0068	-0.6107	0.0279
819	SLD 13	-6.48	1	63.41	-0.0189	-0.4021	0.0298
819	SLD 14	-6.87	0.54	64.2	-0.0158	-0.3918	0.043
819	SLD 15	-6.59	-0.74	64.34	-0.0088	-0.4695	0.032
819	SLD 16	-6.98	-1.21	65.13	-0.0057	-0.4592	0.0452
819	SLV 1	12.16	-0.27	77.71	-0.0213	-0.7059	-0.0649
819	SLV 2	11.25	-1.35	79.55	-0.0139	-0.6819	-0.034
819	SLV 3	11.92	-4.23	79.81	0.0016	-0.8589	-0.0598
819	SLV 4	11.01	-5.31	81.64	0.009	-0.8348	-0.0289
819	SLV 5	3.29	5.48	68.03	-0.0497	-0.3566	-0.0239
819	SLV 6	2.7	4.77	69.22	-0.0449	-0.3411	-0.0039
819	SLV 7	2.5	-7.72	75.02	0.0265	-0.8663	-0.0071
819	SLV 8	1.92	-8.42	76.21	0.0313	-0.8508	0.0129
819	SLV 9	-4.41	6.61	61.55	-0.0523	-0.2137	0.0116
819	SLV 10	-5	5.9	62.74	-0.0475	-0.1982	0.0316
819	SLV 11	-5.2	-6.59	68.54	0.0239	-0.7235	0.0284
819	SLV 12	-5.78	-7.29	69.73	0.0287	-0.7079	0.0484
819	SLV 13	-13.51	3.5	56.12	-0.03	-0.2297	0.0534
819	SLV 14	-14.41	2.41	57.95	-0.0226	-0.2057	0.0843
819	SLV 15	-13.74	-0.46	58.22	-0.0071	-0.3826	0.0584
819	SLV 16	-14.65	-1.54	60.05	0.0002	-0.3586	0.0893
819	CRTFP Ux+	0	0	0	0	0	0
819	CRTFP Ux-	0	0	0	0	0	0
819	CRTFP Uy+	0	0	0	0	0	0
819	CRTFP Uy-	0	0	0	0	0	0
822	SLU 1	0.01	0.83	55.31	0.0511	1.2956	0.0189
822	SLU 2	0.01	0.9	55.33	0.0506	1.2973	0.019
822	SLU 3	0.01	0.86	56.55	0.0524	1.3268	0.0193
822	SLU 4	0.01	0.91	56.57	0.0521	1.3278	0.0193



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
822	SLU 5	0.02	0.91	56.09	0.0512	1.3162	0.0191
822	SLU 6	0.02	0.88	57.31	0.053	1.3456	0.0194
822	SLU 7	0.02	0.92	57.32	0.0527	1.3467	0.0194
822	SLU 8	0.02	0.85	56.82	0.0524	1.3333	0.0191
822	SLU 9	0.02	0.89	56.83	0.0521	1.3344	0.0192
822	SLU 10	0.02	1.03	62.59	0.0564	1.4814	0.0217
822	SLU 11	0.02	1	63.81	0.0582	1.5108	0.022
822	SLU 12	0.02	1.04	63.82	0.0579	1.5119	0.0221
822	SLU 13	0.02	1.04	63.34	0.0571	1.5002	0.0219
822	SLU 14	0.02	1.01	64.56	0.0589	1.5297	0.0221
822	SLU 15	0.02	1.05	64.57	0.0586	1.5307	0.0222
822	SLU 16	0.03	0.98	64.07	0.0582	1.5173	0.0219
822	SLU 17	0.03	1.02	64.08	0.0579	1.5184	0.0219
822	SLU 18	0.02	1.02	65.67	0.0595	1.5585	0.0229
822	SLU 19	0.02	1.06	65.68	0.0592	1.5595	0.0229
822	SLU 20	0.02	1.03	66.42	0.0601	1.5773	0.023
822	SLU 21	0.02	1.07	66.44	0.0598	1.5784	0.023
822	SLU 22	0.01	1.06	62.5	0.0584	1.4792	0.0209
822	SLU 23	0.01	1.13	62.52	0.0579	1.481	0.021
822	SLU 24	0.01	1.09	63.74	0.0597	1.5104	0.0213
822	SLU 25	0.01	1.13	63.76	0.0594	1.5115	0.0213
822	SLU 26	0.01	1.14	63.28	0.0586	1.4999	0.0211
822	SLU 27	0.02	1.1	64.5	0.0603	1.5293	0.0214
822	SLU 28	0.02	1.14	64.51	0.06	1.5304	0.0214
822	SLU 29	0.02	1.08	64.01	0.0597	1.5169	0.0211
822	SLU 30	0.02	1.12	64.02	0.0594	1.518	0.0212
822	SLU 31	0.01	1.26	69.78	0.0638	1.665	0.0238
822	SLU 32	0.02	1.22	71	0.0656	1.6945	0.0241
822	SLU 33	0.02	1.27	71.01	0.0653	1.6955	0.0241
822	SLU 34	0.02	1.27	70.53	0.0644	1.6839	0.0239
822	SLU 35	0.02	1.23	71.75	0.0662	1.7133	0.0242
822	SLU 36	0.02	1.28	71.77	0.0659	1.7144	0.0242
822	SLU 37	0.02	1.21	71.26	0.0656	1.701	0.0239
822	SLU 38	0.02	1.25	71.27	0.0653	1.702	0.024
822	SLU 39	0.01	1.24	72.86	0.0668	1.7421	0.0249
822	SLU 40	0.01	1.29	72.87	0.0665	1.7432	0.0249
822	SLU 41	0.02	1.25	73.61	0.0675	1.761	0.025
822	SLU 42	0.02	1.3	73.63	0.0672	1.7621	0.025
822	SLU 43	0.01	1	69.44	0.0639	1.6213	0.0239
822	SLU 44	0.02	1.07	69.46	0.0634	1.623	0.024
822	SLU 45	0.02	1.04	70.68	0.0651	1.6525	0.0242
822	SLU 46	0.02	1.08	70.7	0.0648	1.6535	0.0243
822	SLU 47	0.02	1.08	70.22	0.064	1.6419	0.0241
822	SLU 48	0.02	1.05	71.43	0.0658	1.6713	0.0243
822	SLU 49	0.02	1.09	71.45	0.0655	1.6724	0.0244
822	SLU 50	0.02	1.02	70.94	0.0652	1.659	0.0241
822	SLU 51	0.03	1.06	70.96	0.0649	1.6601	0.0241
822	SLU 52	0.02	1.2	76.71	0.0692	1.8071	0.0267
822	SLU 53	0.02	1.17	77.93	0.071	1.8365	0.027
822	SLU 54	0.02	1.21	77.95	0.0707	1.8376	0.0271
822	SLU 55	0.03	1.21	77.47	0.0699	1.8259	0.0268
822	SLU 56	0.03	1.18	78.69	0.0717	1.8554	0.0271
822	SLU 57	0.03	1.22	78.7	0.0714	1.8565	0.0272
822	SLU 58	0.03	1.15	78.2	0.071	1.843	0.0269
822	SLU 59	0.03	1.19	78.21	0.0707	1.8441	0.0269
822	SLU 60	0.02	1.19	79.8	0.0723	1.8842	0.0279
822	SLU 61	0.02	1.23	79.81	0.072	1.8852	0.0279
822	SLU 62	0.03	1.2	80.55	0.0729	1.903	0.028
822	SLU 63	0.03	1.24	80.57	0.0726	1.9041	0.028
822	SLU 64	0.01	1.23	76.63	0.0712	1.8049	0.0259
822	SLU 65	0.01	1.3	76.65	0.0707	1.8067	0.026
822	SLU 66	0.01	1.26	77.87	0.0725	1.8361	0.0263
822	SLU 67	0.02	1.31	77.89	0.0722	1.8372	0.0263
822	SLU 68	0.02	1.31	77.41	0.0714	1.8256	0.0261
822	SLU 69	0.02	1.27	78.63	0.0731	1.855	0.0264
822	SLU 70	0.02	1.32	78.64	0.0728	1.8561	0.0264
822	SLU 71	0.02	1.25	78.13	0.0725	1.8426	0.0261
822	SLU 72	0.02	1.29	78.15	0.0722	1.8437	0.0262
822	SLU 73	0.02	1.43	83.9	0.0766	1.9907	0.0288
822	SLU 74	0.02	1.39	85.12	0.0784	2.0202	0.029
822	SLU 75	0.02	1.44	85.14	0.0781	2.0212	0.0291
822	SLU 76	0.02	1.44	84.66	0.0772	2.0096	0.0289
822	SLU 77	0.02	1.4	85.88	0.079	2.039	0.0291
822	SLU 78	0.03	1.45	85.89	0.0787	2.0401	0.0292
822	SLU 79	0.03	1.38	85.39	0.0784	2.0267	0.0289
822	SLU 80	0.03	1.42	85.4	0.0781	2.0277	0.0289
822	SLU 81	0.02	1.42	86.99	0.0796	2.0678	0.0299
822	SLU 82	0.02	1.46	87	0.0793	2.0689	0.0299
822	SLU 83	0.02	1.43	87.74	0.0803	2.0867	0.03
822	SLU 84	0.02	1.47	87.76	0.08	2.0878	0.03
822	SLE RA 1	0.01	0.89	57.36	0.0532	1.348	0.0195
822	SLE RA 2	0.01	0.94	57.38	0.0528	1.3492	0.0195
822	SLE RA 3	0.01	0.92	58.19	0.054	1.3688	0.0197
822	SLE RA 4	0.01	0.95	58.2	0.0538	1.3696	0.0197
822	SLE RA 5	0.01	0.95	57.88	0.0533	1.3618	0.0196
822	SLE RA 6	0.02	0.93	58.7	0.0545	1.3814	0.0198
822	SLE RA 7	0.02	0.95	58.71	0.0543	1.3821	0.0198
822	SLE RA 8	0.02	0.91	58.37	0.054	1.3732	0.0196
822	SLE RA 9	0.02	0.94	58.38	0.0538	1.3739	0.0197



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
822	SLE RA 10	0.01	1.03	62.21	0.0567	1.4719	0.0214
822	SLE RA 11	0.02	1.01	63.03	0.0579	1.4915	0.0216
822	SLE RA 12	0.02	1.03	63.04	0.0577	1.4922	0.0216
822	SLE RA 13	0.02	1.04	62.72	0.0572	1.4845	0.0214
822	SLE RA 14	0.02	1.01	63.53	0.0584	1.5041	0.0216
822	SLE RA 15	0.02	1.04	63.54	0.0582	1.5048	0.0217
822	SLE RA 16	0.02	1	63.2	0.0579	1.4959	0.0215
822	SLE RA 17	0.02	1.02	63.21	0.0577	1.4966	0.0215
822	SLE RA 18	0.01	1.02	64.27	0.0588	1.5233	0.0221
822	SLE RA 19	0.01	1.05	64.28	0.0586	1.524	0.0222
822	SLE RA 20	0.02	1.03	64.77	0.0592	1.5359	0.0222
822	SLE RA 21	0.02	1.05	64.78	0.059	1.5366	0.0222
822	SLE FR 1	0.01	0.89	57.36	0.0532	1.348	0.0195
822	SLE FR 2	0.01	0.9	57.37	0.0531	1.3483	0.0195
822	SLE FR 3	0.01	0.9	57.56	0.0533	1.3531	0.0195
822	SLE FR 4	0.01	0.94	59.44	0.0548	1.4008	0.0203
822	SLE FR 5	0.01	0.93	59.64	0.055	1.4056	0.0203
822	SLE FR 6	0.01	0.96	60.82	0.056	1.4357	0.0208
822	SLE QP 1	0.01	0.89	57.36	0.0532	1.348	0.0195
822	SLE QP 2	0.01	0.93	59.44	0.0548	1.4006	0.0203
822	SLD 1	5.02	2.16	63.74	0.0667	1.6508	-0.0386
822	SLD 2	4.71	1.96	63.46	0.0669	1.6427	-0.0253
822	SLD 3	4.95	0.38	63.85	0.0773	1.6284	-0.0355
822	SLD 4	4.64	0.17	63.57	0.0774	1.6204	-0.0223
822	SLD 5	1.68	4.04	60.61	0.0424	1.511	-0.0044
822	SLD 6	1.47	3.91	60.43	0.0425	1.5057	0.0043
822	SLD 7	1.44	-1.9	60.97	0.0775	1.4365	0.0058
822	SLD 8	1.23	-2.04	60.79	0.0776	1.4312	0.0145
822	SLD 9	-1.21	3.9	58.08	0.0321	1.3701	0.026
822	SLD 10	-1.42	3.77	57.9	0.0322	1.3647	0.0348
822	SLD 11	-1.45	-2.04	58.44	0.0672	1.2955	0.0362
822	SLD 12	-1.66	-2.18	58.26	0.0672	1.2902	0.045
822	SLD 13	-4.62	1.69	55.3	0.0323	1.1809	0.0628
822	SLD 14	-4.93	1.49	55.03	0.0324	1.1728	0.0761
822	SLD 15	-4.69	-0.09	55.41	0.0428	1.1585	0.0659
822	SLD 16	-5	-0.3	55.13	0.0429	1.1504	0.0792
822	SLV 1	11.73	3.74	69.53	0.0831	1.986	-0.1174
822	SLV 2	11.01	3.27	68.88	0.0834	1.9672	-0.0865
822	SLV 3	11.57	-0.3	69.78	0.1069	1.9353	-0.1104
822	SLV 4	10.84	-0.77	69.13	0.1073	1.9165	-0.0795
822	SLV 5	3.9	7.99	62.19	0.0271	1.6564	-0.037
822	SLV 6	3.43	7.68	61.78	0.0273	1.6442	-0.017
822	SLV 7	3.35	-5.48	63.03	0.1065	1.4874	-0.0137
822	SLV 8	2.89	-5.79	62.61	0.1067	1.4752	0.0063
822	SLV 9	-2.86	7.65	56.26	0.0029	1.326	0.0342
822	SLV 10	-3.33	7.35	55.84	0.0031	1.3138	0.0543
822	SLV 11	-3.41	-5.81	57.09	0.0823	1.157	0.0575
822	SLV 12	-3.88	-6.12	56.68	0.0825	1.1449	0.0776
822	SLV 13	-10.82	2.64	49.74	0.0024	0.8847	0.12
822	SLV 14	-11.55	2.16	49.09	0.0027	0.8659	0.151
822	SLV 15	-10.98	-1.4	49.99	0.0262	0.834	0.127
822	SLV 16	-11.71	-1.88	49.34	0.0265	0.8152	0.158
822	CRTFP Ux+	0	0	0	0	0	0
822	CRTFP Ux-	0	0	0	0	0	0
825	SLU 1	0.15	1.68	52.52	0.0672	-1.1479	-0.0238
825	SLU 2	0.15	1.75	52.54	0.0667	-1.1494	-0.0238
825	SLU 3	0.15	1.73	53.71	0.069	-1.1762	-0.0244
825	SLU 4	0.15	1.78	53.73	0.0688	-1.1771	-0.0244
825	SLU 5	0.16	1.78	53.28	0.0677	-1.1672	-0.0243
825	SLU 6	0.16	1.76	54.45	0.0701	-1.194	-0.0249
825	SLU 7	0.16	1.8	54.46	0.0698	-1.1949	-0.0249
825	SLU 8	0.16	1.73	54	0.0692	-1.1834	-0.0248
825	SLU 9	0.16	1.77	54.01	0.069	-1.1844	-0.0248
825	SLU 10	0.17	1.97	59.51	0.0744	-1.3182	-0.025
825	SLU 11	0.17	1.96	60.69	0.0768	-1.3449	-0.0256
825	SLU 12	0.17	2	60.7	0.0765	-1.3459	-0.0257
825	SLU 13	0.17	2	60.25	0.0755	-1.3359	-0.0255
825	SLU 14	0.18	1.98	61.42	0.0778	-1.3627	-0.0261
825	SLU 15	0.18	2.02	61.44	0.0775	-1.3637	-0.0262
825	SLU 16	0.18	1.95	60.97	0.077	-1.3522	-0.026
825	SLU 17	0.18	1.99	60.98	0.0767	-1.3531	-0.026
825	SLU 18	0.17	2	62.48	0.0782	-1.3889	-0.0255
825	SLU 19	0.18	2.04	62.49	0.0779	-1.3899	-0.0255
825	SLU 20	0.18	2.02	63.22	0.0793	-1.4067	-0.026
825	SLU 21	0.18	2.06	63.23	0.079	-1.4076	-0.026
825	SLU 22	0.16	1.98	59.36	0.0765	-1.3129	-0.0253
825	SLU 23	0.16	2.05	59.38	0.076	-1.3145	-0.0253
825	SLU 24	0.16	2.03	60.55	0.0784	-1.3413	-0.0259
825	SLU 25	0.16	2.08	60.56	0.0781	-1.3422	-0.026
825	SLU 26	0.16	2.08	60.12	0.0771	-1.3323	-0.0258
825	SLU 27	0.17	2.06	61.29	0.0794	-1.3591	-0.0264
825	SLU 28	0.17	2.1	61.3	0.0791	-1.36	-0.0264
825	SLU 29	0.17	2.03	60.83	0.0786	-1.3485	-0.0263
825	SLU 30	0.17	2.07	60.84	0.0783	-1.3494	-0.0263
825	SLU 31	0.18	2.28	66.35	0.0838	-1.4832	-0.0265
825	SLU 32	0.18	2.26	67.52	0.0861	-1.51	-0.0272
825	SLU 33	0.18	2.3	67.53	0.0858	-1.5109	-0.0272
825	SLU 34	0.18	2.3	67.09	0.0848	-1.501	-0.027
825	SLU 35	0.19	2.28	68.26	0.0872	-1.5278	-0.0277



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
825	SLU 36	0.19	2.33	68.27	0.0869	-1.5287	-0.0277
825	SLU 37	0.19	2.25	67.8	0.0863	-1.5173	-0.0275
825	SLU 38	0.19	2.29	67.82	0.086	-1.5182	-0.0275
825	SLU 39	0.18	2.3	69.31	0.0875	-1.554	-0.0271
825	SLU 40	0.18	2.34	69.33	0.0873	-1.5549	-0.0271
825	SLU 41	0.19	2.32	70.05	0.0886	-1.5718	-0.0275
825	SLU 42	0.19	2.37	70.07	0.0883	-1.5727	-0.0276
825	SLU 43	0.19	2.08	65.93	0.0841	-1.4356	-0.0304
825	SLU 44	0.19	2.15	65.96	0.0836	-1.4372	-0.0304
825	SLU 45	0.2	2.13	67.13	0.086	-1.464	-0.0311
825	SLU 46	0.2	2.18	67.14	0.0857	-1.4649	-0.0311
825	SLU 47	0.2	2.18	66.69	0.0847	-1.455	-0.0309
825	SLU 48	0.2	2.16	67.86	0.087	-1.4817	-0.0316
825	SLU 49	0.2	2.2	67.88	0.0867	-1.4827	-0.0316
825	SLU 50	0.2	2.12	67.41	0.0862	-1.4712	-0.0314
825	SLU 51	0.2	2.17	67.42	0.0859	-1.4721	-0.0314
825	SLU 52	0.21	2.37	72.93	0.0914	-1.6059	-0.0317
825	SLU 53	0.21	2.36	74.1	0.0937	-1.6327	-0.0323
825	SLU 54	0.22	2.4	74.11	0.0934	-1.6336	-0.0323
825	SLU 55	0.22	2.4	73.66	0.0924	-1.6237	-0.0322
825	SLU 56	0.22	2.38	74.84	0.0948	-1.6505	-0.0328
825	SLU 57	0.22	2.42	74.85	0.0945	-1.6514	-0.0328
825	SLU 58	0.22	2.35	74.38	0.0939	-1.64	-0.0326
825	SLU 59	0.22	2.39	74.39	0.0937	-1.6409	-0.0326
825	SLU 60	0.22	2.4	75.89	0.0952	-1.6767	-0.0322
825	SLU 61	0.22	2.44	75.9	0.0949	-1.6776	-0.0322
825	SLU 62	0.22	2.42	76.63	0.0962	-1.6945	-0.0327
825	SLU 63	0.22	2.46	76.64	0.0959	-1.6954	-0.0327
825	SLU 64	0.2	2.38	72.77	0.0934	-1.6007	-0.0319
825	SLU 65	0.2	2.45	72.79	0.093	-1.6022	-0.032
825	SLU 66	0.2	2.43	73.96	0.0953	-1.629	-0.0326
825	SLU 67	0.2	2.48	73.98	0.095	-1.63	-0.0326
825	SLU 68	0.2	2.48	73.53	0.094	-1.62	-0.0324
825	SLU 69	0.21	2.46	74.7	0.0964	-1.6468	-0.0331
825	SLU 70	0.21	2.5	74.71	0.0961	-1.6477	-0.0331
825	SLU 71	0.21	2.43	74.24	0.0955	-1.6363	-0.0329
825	SLU 72	0.21	2.47	74.26	0.0952	-1.6372	-0.0329
825	SLU 73	0.22	2.68	79.76	0.1007	-1.771	-0.0332
825	SLU 74	0.22	2.66	80.93	0.1031	-1.7978	-0.0338
825	SLU 75	0.22	2.7	80.95	0.1028	-1.7987	-0.0338
825	SLU 76	0.22	2.7	80.5	0.1018	-1.7888	-0.0337
825	SLU 77	0.23	2.68	81.67	0.1041	-1.8156	-0.0343
825	SLU 78	0.23	2.73	81.68	0.1038	-1.8165	-0.0343
825	SLU 79	0.23	2.65	81.22	0.1033	-1.805	-0.0341
825	SLU 80	0.23	2.69	81.23	0.103	-1.8059	-0.0342
825	SLU 81	0.22	2.7	82.73	0.1045	-1.8418	-0.0337
825	SLU 82	0.22	2.74	82.74	0.1042	-1.8427	-0.0337
825	SLU 83	0.23	2.72	83.46	0.1055	-1.8596	-0.0342
825	SLU 84	0.23	2.77	83.48	0.1053	-1.8605	-0.0342
825	SLE RA 1	0.15	1.76	54.47	0.0698	-1.195	-0.0242
825	SLE RA 2	0.15	1.81	54.49	0.0695	-1.1961	-0.0242
825	SLE RA 3	0.15	1.8	55.27	0.0711	-1.2139	-0.0247
825	SLE RA 4	0.15	1.83	55.28	0.0709	-1.2145	-0.0247
825	SLE RA 5	0.15	1.83	54.98	0.0702	-1.2079	-0.0246
825	SLE RA 6	0.16	1.82	55.76	0.0718	-1.2258	-0.025
825	SLE RA 7	0.16	1.85	55.77	0.0716	-1.2264	-0.025
825	SLE RA 8	0.16	1.8	55.46	0.0712	-1.2187	-0.0249
825	SLE RA 9	0.16	1.83	55.47	0.071	-1.2194	-0.0249
825	SLE RA 10	0.16	1.96	59.14	0.0747	-1.3086	-0.0251
825	SLE RA 11	0.17	1.95	59.92	0.0762	-1.3264	-0.0255
825	SLE RA 12	0.17	1.98	59.93	0.076	-1.327	-0.0255
825	SLE RA 13	0.17	1.98	59.63	0.0754	-1.3204	-0.0254
825	SLE RA 14	0.17	1.96	60.41	0.0769	-1.3383	-0.0258
825	SLE RA 15	0.17	1.99	60.42	0.0767	-1.3389	-0.0258
825	SLE RA 16	0.17	1.94	60.1	0.0764	-1.3312	-0.0257
825	SLE RA 17	0.17	1.97	60.11	0.0762	-1.3319	-0.0257
825	SLE RA 18	0.17	1.98	61.11	0.0772	-1.3557	-0.0254
825	SLE RA 19	0.17	2.01	61.12	0.077	-1.3564	-0.0254
825	SLE RA 20	0.17	1.99	61.6	0.0779	-1.3676	-0.0257
825	SLE RA 21	0.17	2.02	61.61	0.0777	-1.3682	-0.0257
825	SLE FR 1	0.15	1.76	54.47	0.0698	-1.195	-0.0242
825	SLE FR 2	0.15	1.77	54.48	0.0698	-1.1952	-0.0242
825	SLE FR 3	0.15	1.77	54.67	0.0701	-1.1998	-0.0244
825	SLE FR 4	0.16	1.84	56.47	0.072	-1.2435	-0.0246
825	SLE FR 5	0.16	1.83	56.66	0.0723	-1.248	-0.0247
825	SLE FR 6	0.16	1.87	57.79	0.0735	-1.2754	-0.0248
825	SLE QP 1	0.15	1.76	54.47	0.0698	-1.195	-0.0242
825	SLE QP 2	0.16	1.83	56.47	0.072	-1.2432	-0.0246
825	SLD 1	5.11	2.47	53.58	0.0618	-1.0382	-0.0841
825	SLD 2	4.8	2.64	53.63	0.0606	-1.0418	-0.0707
825	SLD 3	5.17	0.72	53.64	0.0729	-1.0157	-0.0861
825	SLD 4	4.86	0.9	53.68	0.0717	-1.0193	-0.0726
825	SLD 5	1.61	4.63	55.51	0.0524	-1.2152	-0.0419
825	SLD 6	1.4	4.75	55.54	0.0516	-1.2176	-0.033
825	SLD 7	1.8	-1.18	55.7	0.0893	-1.1402	-0.0484
825	SLD 8	1.6	-1.06	55.72	0.0885	-1.1426	-0.0396
825	SLD 9	-1.29	4.72	57.21	0.0556	-1.3439	-0.0096
825	SLD 10	-1.49	4.83	57.23	0.0548	-1.3463	-0.0007
825	SLD 11	-1.09	-1.09	57.4	0.0924	-1.2689	-0.0162



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
825	SLD 12	-1.3	-0.98	57.42	0.0916	-1.2713	-0.0073
825	SLD 13	-4.55	2.76	59.25	0.0724	-1.4671	0.0235
825	SLD 14	-4.86	2.93	59.29	0.0712	-1.4708	0.0369
825	SLD 15	-4.49	1.01	59.3	0.0834	-1.4447	0.0215
825	SLD 16	-4.8	1.19	59.35	0.0822	-1.4483	0.0349
825	SLV 1	11.74	3.24	49.71	0.0481	-0.7625	-0.1638
825	SLV 2	11.02	3.65	49.81	0.0453	-0.771	-0.1325
825	SLV 3	11.88	-0.71	49.85	0.0731	-0.7116	-0.1684
825	SLV 4	11.15	-0.3	49.95	0.0703	-0.72	-0.1371
825	SLV 5	3.55	8.17	54.22	0.0274	-1.1749	-0.0649
825	SLV 6	3.09	8.44	54.28	0.0256	-1.1804	-0.0446
825	SLV 7	4	-5	54.66	0.1108	-1.005	-0.0801
825	SLV 8	3.53	-4.73	54.73	0.109	-1.0104	-0.0598
825	SLV 9	-3.22	8.39	58.2	0.0351	-1.476	0.0106
825	SLV 10	-3.69	8.65	58.27	0.0333	-1.4815	0.0309
825	SLV 11	-2.78	-4.78	58.65	0.1185	-1.3061	-0.0045
825	SLV 12	-3.24	-4.52	58.71	0.1167	-1.3116	0.0157
825	SLV 13	-10.84	3.95	62.98	0.0738	-1.7665	0.0879
825	SLV 14	-11.57	4.36	63.08	0.071	-1.7749	0.1192
825	SLV 15	-10.71	0	63.12	0.0988	-1.7155	0.0834
825	SLV 16	-11.43	0.41	63.22	0.096	-1.724	0.1147
825	CRTFP Ux+	0	0	0	0	0	0
825	CRTFP Ux-	0	0	0	0	0	0
827	SLU 1	-0.55	0.53	30.96	0.0182	-2.943	0.1349
827	SLU 2	-0.56	0.63	30.98	0.0183	-2.9456	0.1589
827	SLU 3	-0.57	0.55	31.69	0.0187	-3.0025	0.1389
827	SLU 4	-0.57	0.61	31.7	0.0187	-3.004	0.1533
827	SLU 5	-0.57	0.64	31.43	0.0185	-2.9817	0.1619
827	SLU 6	-0.57	0.56	32.14	0.0189	-3.0387	0.1418
827	SLU 7	-0.58	0.62	32.15	0.019	-3.0402	0.1563
827	SLU 8	-0.57	0.56	31.85	0.0188	-3.0154	0.1408
827	SLU 9	-0.57	0.62	31.87	0.0188	-3.0169	0.1552
827	SLU 10	-0.6	0.75	34.53	0.0208	-3.2452	0.1881
827	SLU 11	-0.61	0.67	35.24	0.0212	-3.3021	0.168
827	SLU 12	-0.61	0.72	35.25	0.0212	-3.3036	0.1825
827	SLU 13	-0.61	0.76	34.98	0.021	-3.2813	0.1911
827	SLU 14	-0.62	0.68	35.69	0.0214	-3.3383	0.171
827	SLU 15	-0.62	0.74	35.7	0.0215	-3.3398	0.1854
827	SLU 16	-0.61	0.67	35.4	0.0212	-3.315	0.17
827	SLU 17	-0.61	0.73	35.42	0.0213	-3.3165	0.1844
827	SLU 18	-0.61	0.7	36.03	0.0218	-3.371	0.1765
827	SLU 19	-0.62	0.76	36.04	0.0218	-3.3726	0.191
827	SLU 20	-0.62	0.71	36.48	0.0221	-3.4072	0.1795
827	SLU 21	-0.62	0.77	36.49	0.0221	-3.4087	0.1939
827	SLU 22	-0.6	0.64	34.57	0.0209	-3.2465	0.1615
827	SLU 23	-0.61	0.74	34.59	0.021	-3.2491	0.1856
827	SLU 24	-0.62	0.66	35.3	0.0214	-3.306	0.1655
827	SLU 25	-0.62	0.71	35.32	0.0214	-3.3075	0.18
827	SLU 26	-0.61	0.75	35.04	0.0212	-3.2852	0.1886
827	SLU 27	-0.62	0.67	35.75	0.0216	-3.3422	0.1685
827	SLU 28	-0.63	0.73	35.77	0.0217	-3.3437	0.1829
827	SLU 29	-0.62	0.66	35.47	0.0214	-3.3189	0.1674
827	SLU 30	-0.62	0.72	35.48	0.0215	-3.3204	0.1819
827	SLU 31	-0.65	0.85	38.15	0.0234	-3.5487	0.2148
827	SLU 32	-0.66	0.77	38.86	0.0239	-3.6056	0.1947
827	SLU 33	-0.66	0.83	38.87	0.0239	-3.6071	0.2091
827	SLU 34	-0.66	0.86	38.59	0.0237	-3.5849	0.2177
827	SLU 35	-0.67	0.78	39.3	0.0241	-3.6418	0.1977
827	SLU 36	-0.67	0.84	39.32	0.0241	-3.6433	0.2121
827	SLU 37	-0.66	0.78	39.02	0.0239	-3.6185	0.1966
827	SLU 38	-0.66	0.84	39.03	0.0239	-3.62	0.2111
827	SLU 39	-0.66	0.81	39.64	0.0245	-3.6745	0.2032
827	SLU 40	-0.67	0.86	39.66	0.0245	-3.6761	0.2177
827	SLU 41	-0.67	0.82	40.09	0.0247	-3.7107	0.2062
827	SLU 42	-0.67	0.88	40.11	0.0248	-3.7122	0.2206
827	SLU 43	-0.7	0.66	39	0.0228	-3.7219	0.1662
827	SLU 44	-0.71	0.75	39.03	0.0228	-3.7244	0.1903
827	SLU 45	-0.72	0.67	39.74	0.0232	-3.7813	0.1702
827	SLU 46	-0.72	0.73	39.75	0.0233	-3.7829	0.1846
827	SLU 47	-0.71	0.77	39.47	0.0231	-3.7606	0.1932
827	SLU 48	-0.72	0.69	40.18	0.0235	-3.8175	0.1731
827	SLU 49	-0.73	0.74	40.2	0.0235	-3.819	0.1876
827	SLU 50	-0.72	0.68	39.9	0.0233	-3.7942	0.1721
827	SLU 51	-0.72	0.74	39.91	0.0233	-3.7957	0.1865
827	SLU 52	-0.75	0.87	42.58	0.0253	-4.024	0.2194
827	SLU 53	-0.76	0.79	43.29	0.0257	-4.0809	0.1993
827	SLU 54	-0.76	0.85	43.3	0.0257	-4.0825	0.2138
827	SLU 55	-0.76	0.88	43.03	0.0256	-4.0602	0.2224
827	SLU 56	-0.77	0.8	43.74	0.026	-4.1171	0.2023
827	SLU 57	-0.77	0.86	43.75	0.026	-4.1186	0.2167
827	SLU 58	-0.76	0.8	43.45	0.0258	-4.0938	0.2013
827	SLU 59	-0.76	0.86	43.47	0.0258	-4.0953	0.2157
827	SLU 60	-0.76	0.82	44.08	0.0263	-4.1499	0.2079
827	SLU 61	-0.77	0.88	44.09	0.0264	-4.1514	0.2223
827	SLU 62	-0.77	0.84	44.52	0.0266	-4.1861	0.2108
827	SLU 63	-0.77	0.89	44.54	0.0266	-4.1876	0.2253
827	SLU 64	-0.75	0.77	42.62	0.0255	-4.0254	0.1928
827	SLU 65	-0.76	0.86	42.64	0.0255	-4.0279	0.2169
827	SLU 66	-0.77	0.78	43.35	0.0259	-4.0848	0.1968



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
827	SLU 67	-0.77	0.84	43.37	0.0259	-4.0864	0.2113
827	SLU 68	-0.76	0.87	43.09	0.0258	-4.0641	0.2199
827	SLU 69	-0.77	0.79	43.8	0.0262	-4.121	0.1998
827	SLU 70	-0.78	0.85	43.81	0.0262	-4.1225	0.2142
827	SLU 71	-0.77	0.79	43.52	0.026	-4.0977	0.1988
827	SLU 72	-0.77	0.85	43.53	0.026	-4.0992	0.2132
827	SLU 73	-0.8	0.98	46.19	0.028	-4.3275	0.2461
827	SLU 74	-0.81	0.9	46.9	0.0284	-4.3845	0.226
827	SLU 75	-0.81	0.95	46.92	0.0284	-4.386	0.2405
827	SLU 76	-0.81	0.99	46.64	0.0283	-4.3637	0.2491
827	SLU 77	-0.82	0.91	47.35	0.0287	-4.4206	0.229
827	SLU 78	-0.82	0.97	47.37	0.0287	-4.4222	0.2434
827	SLU 79	-0.81	0.9	47.07	0.0285	-4.3973	0.2279
827	SLU 80	-0.81	0.96	47.08	0.0285	-4.3989	0.2424
827	SLU 81	-0.81	0.93	47.69	0.029	-4.4534	0.2345
827	SLU 82	-0.82	0.99	47.71	0.029	-4.4549	0.249
827	SLU 83	-0.82	0.94	48.14	0.0293	-4.4896	0.2375
827	SLU 84	-0.82	1	48.15	0.0293	-4.4911	0.2519
827	SLE RA 1	-0.57	0.57	31.99	0.019	-3.0297	0.1425
827	SLE RA 2	-0.57	0.63	32	0.019	-3.0314	0.1585
827	SLE RA 3	-0.58	0.58	32.48	0.0193	-3.0694	0.1451
827	SLE RA 4	-0.58	0.61	32.49	0.0193	-3.0704	0.1548
827	SLE RA 5	-0.58	0.64	32.3	0.0192	-3.0555	0.1605
827	SLE RA 6	-0.58	0.58	32.78	0.0195	-3.0935	0.1471
827	SLE RA 7	-0.58	0.62	32.79	0.0195	-3.0945	0.1567
827	SLE RA 8	-0.58	0.58	32.59	0.0194	-3.078	0.1464
827	SLE RA 9	-0.58	0.62	32.6	0.0194	-3.079	0.1561
827	SLE RA 10	-0.6	0.71	34.37	0.0207	-3.2312	0.178
827	SLE RA 11	-0.61	0.65	34.85	0.021	-3.2691	0.1646
827	SLE RA 12	-0.61	0.69	34.85	0.021	-3.2701	0.1742
827	SLE RA 13	-0.6	0.71	34.67	0.0209	-3.2553	0.18
827	SLE RA 14	-0.61	0.66	35.14	0.0211	-3.2932	0.1666
827	SLE RA 15	-0.61	0.7	35.15	0.0212	-3.2943	0.1762
827	SLE RA 16	-0.61	0.66	34.95	0.021	-3.2777	0.1659
827	SLE RA 17	-0.61	0.7	34.96	0.021	-3.2787	0.1755
827	SLE RA 18	-0.61	0.68	35.37	0.0214	-3.3151	0.1703
827	SLE RA 19	-0.61	0.71	35.38	0.0214	-3.3161	0.1799
827	SLE RA 20	-0.61	0.68	35.67	0.0215	-3.3392	0.1722
827	SLE RA 21	-0.62	0.72	35.68	0.0216	-3.3402	0.1819
827	SLE FR 1	-0.57	0.57	31.99	0.019	-3.0297	0.1425
827	SLE FR 2	-0.57	0.58	31.99	0.019	-3.0301	0.1457
827	SLE FR 3	-0.57	0.57	32.11	0.0191	-3.0394	0.1433
827	SLE FR 4	-0.58	0.61	33.01	0.0197	-3.1157	0.154
827	SLE FR 5	-0.58	0.6	33.12	0.0198	-3.125	0.1516
827	SLE FR 6	-0.59	0.62	33.68	0.0202	-3.1724	0.1564
827	SLE QP 1	-0.57	0.57	31.99	0.019	-3.0297	0.1425
827	SLE QP 2	-0.58	0.6	33	0.0197	-3.1153	0.1508
827	SLD 1	2.1	1.27	41.28	0.0214	-3.7995	0.3172
827	SLD 2	1.89	0.72	41.61	0.0234	-3.8273	0.1792
827	SLD 3	2.05	-0.07	41.67	0.0246	-3.8282	-0.0196
827	SLD 4	1.84	-0.63	42	0.0267	-3.856	-0.1575
827	SLD 5	0.34	2.94	34.84	0.0149	-3.272	0.7362
827	SLD 6	0.21	2.58	35.06	0.0163	-3.2903	0.6453
827	SLD 7	0.16	-1.55	36.13	0.0258	-3.3678	-0.3863
827	SLD 8	0.03	-1.91	36.35	0.0271	-3.3861	-0.4772
827	SLD 9	-1.19	3.11	29.66	0.0123	-2.8446	0.7788
827	SLD 10	-1.32	2.74	29.88	0.0137	-2.8629	0.688
827	SLD 11	-1.37	-1.38	30.95	0.0232	-2.9404	-0.3437
827	SLD 12	-1.5	-1.75	31.17	0.0245	-2.9587	-0.4346
827	SLD 13	-3	1.82	24.01	0.0128	-2.3747	0.4592
827	SLD 14	-3.21	1.27	24.34	0.0148	-2.4025	0.3212
827	SLD 15	-3.05	0.48	24.39	0.016	-2.4034	0.1224
827	SLD 16	-3.26	-0.08	24.73	0.0181	-2.4312	-0.0155
827	SLV 1	5.69	2.12	52.39	0.0237	-4.7177	0.5263
827	SLV 2	5.2	0.83	53.17	0.0285	-4.7824	0.205
827	SLV 3	5.56	-0.93	53.27	0.0311	-4.7831	-0.2366
827	SLV 4	5.08	-2.22	54.05	0.0358	-4.8479	-0.5579
827	SLV 5	1.57	5.91	37.35	0.0089	-3.4855	1.4762
827	SLV 6	1.26	5.07	37.86	0.012	-3.5275	1.2684
827	SLV 7	1.16	-4.26	40.28	0.0335	-3.7037	-1.0667
827	SLV 8	0.85	-5.1	40.78	0.0365	-3.7456	-1.2746
827	SLV 9	-2.01	6.29	25.22	0.0029	-2.4851	1.5762
827	SLV 10	-2.32	5.46	25.73	0.006	-2.527	1.3683
827	SLV 11	-2.42	-3.87	28.15	0.0274	-2.7032	-0.9667
827	SLV 12	-2.73	-4.71	28.65	0.0305	-2.7451	-1.1746
827	SLV 13	-6.24	3.42	11.96	0.0036	-1.3828	0.8595
827	SLV 14	-6.72	2.12	12.74	0.0084	-1.4476	0.5383
827	SLV 15	-6.37	0.37	12.84	0.011	-1.4483	0.0966
827	SLV 16	-6.85	-0.93	13.62	0.0157	-1.513	-0.2246
827	CRTFP Ux+	0	0	0	0	0	0
827	CRTFP Ux-	0	0	0	0	0	0
827	CRTFP Uy+	0	0	0	0	0	0
827	CRTFP Uy-	0	0	0	0	0	0
830	SLU 1	0.63	0.43	31.87	-0.0388	3.4374	-0.1536
830	SLU 2	0.63	0.54	31.89	-0.0388	3.4413	-0.1915
830	SLU 3	0.65	0.44	32.61	-0.0398	3.4963	-0.1553
830	SLU 4	0.65	0.5	32.62	-0.0398	3.4987	-0.1781
830	SLU 5	0.64	0.54	32.34	-0.0395	3.4775	-0.1911
830	SLU 6	0.66	0.44	33.06	-0.0405	3.5325	-0.1549



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
830	SLU 7	0.66	0.5	33.07	-0.0405	3.5348	-0.1777
830	SLU 8	0.66	0.43	32.78	-0.0401	3.5097	-0.1528
830	SLU 9	0.66	0.5	32.79	-0.0401	3.512	-0.1756
830	SLU 10	0.67	0.67	35.47	-0.0436	3.7397	-0.2357
830	SLU 11	0.69	0.56	36.19	-0.0446	3.7947	-0.1995
830	SLU 12	0.69	0.63	36.2	-0.0446	3.797	-0.2222
830	SLU 13	0.68	0.67	35.92	-0.0442	3.7758	-0.2353
830	SLU 14	0.7	0.56	36.65	-0.0453	3.8308	-0.1991
830	SLU 15	0.7	0.63	36.66	-0.0453	3.8331	-0.2219
830	SLU 16	0.69	0.56	36.36	-0.0449	3.808	-0.197
830	SLU 17	0.69	0.62	36.37	-0.0449	3.8104	-0.2198
830	SLU 18	0.68	0.61	36.99	-0.0456	3.8636	-0.2166
830	SLU 19	0.68	0.68	37	-0.0456	3.866	-0.2394
830	SLU 20	0.69	0.61	37.44	-0.0463	3.8997	-0.2163
830	SLU 21	0.7	0.68	37.45	-0.0463	3.9021	-0.2391
830	SLU 22	0.68	0.54	35.48	-0.0434	3.7364	-0.1916
830	SLU 23	0.69	0.65	35.5	-0.0435	3.7403	-0.2295
830	SLU 24	0.7	0.55	36.22	-0.0445	3.7953	-0.1933
830	SLU 25	0.71	0.61	36.23	-0.0445	3.7977	-0.2161
830	SLU 26	0.7	0.65	35.95	-0.0441	3.7765	-0.2292
830	SLU 27	0.72	0.54	36.68	-0.0452	3.8315	-0.193
830	SLU 28	0.72	0.61	36.69	-0.0452	3.8338	-0.2157
830	SLU 29	0.71	0.54	36.39	-0.0448	3.8087	-0.1909
830	SLU 30	0.71	0.6	36.4	-0.0448	3.811	-0.2136
830	SLU 31	0.72	0.77	39.09	-0.0482	4.0387	-0.2737
830	SLU 32	0.74	0.67	39.81	-0.0493	4.0937	-0.2375
830	SLU 33	0.74	0.74	39.82	-0.0493	4.096	-0.2602
830	SLU 34	0.74	0.77	39.54	-0.0489	4.0748	-0.2733
830	SLU 35	0.75	0.67	40.26	-0.0499	4.1298	-0.2371
830	SLU 36	0.76	0.74	40.27	-0.0499	4.1321	-0.2599
830	SLU 37	0.75	0.66	39.97	-0.0495	4.107	-0.235
830	SLU 38	0.75	0.73	39.99	-0.0496	4.1094	-0.2578
830	SLU 39	0.74	0.72	40.61	-0.0503	4.1626	-0.2547
830	SLU 40	0.74	0.79	40.62	-0.0503	4.165	-0.2774
830	SLU 41	0.75	0.72	41.06	-0.0509	4.1987	-0.2543
830	SLU 42	0.75	0.78	41.07	-0.0509	4.2011	-0.2771
830	SLU 43	0.8	0.53	40.19	-0.0488	4.3662	-0.1866
830	SLU 44	0.8	0.63	40.21	-0.0488	4.3701	-0.2245
830	SLU 45	0.82	0.53	40.93	-0.0499	4.4251	-0.1883
830	SLU 46	0.82	0.6	40.94	-0.0499	4.4274	-0.2111
830	SLU 47	0.81	0.63	40.66	-0.0495	4.4062	-0.2242
830	SLU 48	0.83	0.53	41.38	-0.0505	4.4612	-0.188
830	SLU 49	0.83	0.59	41.39	-0.0505	4.4635	-0.2107
830	SLU 50	0.82	0.52	41.1	-0.0501	4.4384	-0.1859
830	SLU 51	0.83	0.59	41.11	-0.0502	4.4408	-0.2086
830	SLU 52	0.84	0.76	43.79	-0.0536	4.6684	-0.2687
830	SLU 53	0.86	0.66	44.51	-0.0546	4.7234	-0.2325
830	SLU 54	0.86	0.72	44.53	-0.0546	4.7257	-0.2553
830	SLU 55	0.85	0.76	44.25	-0.0543	4.7045	-0.2683
830	SLU 56	0.87	0.66	44.97	-0.0553	4.7595	-0.2321
830	SLU 57	0.87	0.72	44.98	-0.0553	4.7618	-0.2549
830	SLU 58	0.86	0.65	44.68	-0.0549	4.7367	-0.23
830	SLU 59	0.86	0.71	44.69	-0.0549	4.7391	-0.2528
830	SLU 60	0.85	0.71	45.31	-0.0556	4.7923	-0.2497
830	SLU 61	0.85	0.77	45.32	-0.0556	4.7947	-0.2724
830	SLU 62	0.86	0.7	45.77	-0.0563	4.8285	-0.2493
830	SLU 63	0.87	0.77	45.78	-0.0563	4.8308	-0.2721
830	SLU 64	0.85	0.63	43.81	-0.0535	4.6652	-0.2246
830	SLU 65	0.86	0.74	43.82	-0.0535	4.6691	-0.2626
830	SLU 66	0.87	0.64	44.54	-0.0545	4.724	-0.2263
830	SLU 67	0.87	0.7	44.55	-0.0545	4.7264	-0.2491
830	SLU 68	0.87	0.74	44.28	-0.0542	4.7052	-0.2622
830	SLU 69	0.89	0.64	45	-0.0552	4.7602	-0.226
830	SLU 70	0.89	0.7	45.01	-0.0552	4.7625	-0.2488
830	SLU 71	0.88	0.63	44.71	-0.0548	4.7374	-0.2239
830	SLU 72	0.88	0.7	44.72	-0.0548	4.7397	-0.2467
830	SLU 73	0.89	0.87	47.41	-0.0583	4.9674	-0.3067
830	SLU 74	0.91	0.76	48.13	-0.0593	5.0224	-0.2705
830	SLU 75	0.91	0.83	48.14	-0.0593	5.0247	-0.2933
830	SLU 76	0.91	0.87	47.86	-0.0589	5.0035	-0.3064
830	SLU 77	0.92	0.76	48.58	-0.06	5.0585	-0.2701
830	SLU 78	0.93	0.83	48.59	-0.06	5.0608	-0.2929
830	SLU 79	0.92	0.76	48.3	-0.0596	5.0357	-0.268
830	SLU 80	0.92	0.82	48.31	-0.0596	5.0381	-0.2908
830	SLU 81	0.91	0.81	48.93	-0.0603	5.0913	-0.2877
830	SLU 82	0.91	0.88	48.94	-0.0603	5.0937	-0.3105
830	SLU 83	0.92	0.81	49.38	-0.061	5.1275	-0.2873
830	SLU 84	0.92	0.88	49.39	-0.061	5.1298	-0.3101
830	SLE RA 1	0.64	0.46	32.9	-0.0401	3.5229	-0.1644
830	SLE RA 2	0.65	0.54	32.91	-0.0401	3.5255	-0.1897
830	SLE RA 3	0.66	0.47	33.39	-0.0408	3.5621	-0.1656
830	SLE RA 4	0.66	0.51	33.4	-0.0408	3.5637	-0.1808
830	SLE RA 5	0.65	0.54	33.22	-0.0406	3.5496	-0.1895
830	SLE RA 6	0.67	0.47	33.7	-0.0413	3.5862	-0.1653
830	SLE RA 7	0.67	0.51	33.7	-0.0413	3.5878	-0.1805
830	SLE RA 8	0.66	0.46	33.51	-0.041	3.571	-0.1639
830	SLE RA 9	0.66	0.51	33.51	-0.041	3.5726	-0.1791
830	SLE RA 10	0.67	0.62	35.3	-0.0433	3.7244	-0.2192
830	SLE RA 11	0.68	0.55	35.78	-0.044	3.761	-0.195



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
830	SLE RA 12	0.68	0.59	35.79	-0.044	3.7626	-0.2102
830	SLE RA 13	0.68	0.62	35.61	-0.0437	3.7484	-0.2189
830	SLE RA 14	0.69	0.55	36.09	-0.0444	3.7851	-0.1948
830	SLE RA 15	0.69	0.59	36.09	-0.0444	3.7867	-0.21
830	SLE RA 16	0.69	0.55	35.9	-0.0442	3.7699	-0.1934
830	SLE RA 17	0.69	0.59	35.9	-0.0442	3.7715	-0.2086
830	SLE RA 18	0.68	0.58	36.32	-0.0447	3.807	-0.2065
830	SLE RA 19	0.68	0.63	36.32	-0.0447	3.8085	-0.2217
830	SLE RA 20	0.69	0.58	36.62	-0.0451	3.8311	-0.2062
830	SLE RA 21	0.69	0.63	36.63	-0.0451	3.8326	-0.2214
830	SLE FR 1	0.64	0.46	32.9	-0.0401	3.5229	-0.1644
830	SLE FR 2	0.64	0.48	32.9	-0.0401	3.5234	-0.1695
830	SLE FR 3	0.65	0.46	33.02	-0.0403	3.5325	-0.1643
830	SLE FR 4	0.65	0.51	33.93	-0.0415	3.6086	-0.1821
830	SLE FR 5	0.66	0.5	34.05	-0.0417	3.6177	-0.1769
830	SLE FR 6	0.66	0.52	34.61	-0.0424	3.6649	-0.1855
830	SLE QP 1	0.64	0.46	32.9	-0.0401	3.5229	-0.1644
830	SLE QP 2	0.65	0.5	33.93	-0.0415	3.6081	-0.177
830	SLD 1	2.16	1.11	25.35	-0.0284	2.9722	-0.3917
830	SLD 2	1.91	1.77	25.03	-0.0302	2.9416	-0.6221
830	SLD 3	2.51	-0.38	25.83	-0.0254	3.0073	0.1291
830	SLD 4	2.26	0.28	25.51	-0.0271	2.9767	-0.1013
830	SLD 5	0.62	2.83	30.68	-0.0419	3.3696	-0.99
830	SLD 6	0.45	3.26	30.46	-0.043	3.3495	-1.1418
830	SLD 7	1.79	-2.15	32.29	-0.0317	3.4865	0.746
830	SLD 8	1.62	-1.71	32.08	-0.0329	3.4664	0.5943
830	SLD 9	-0.31	2.71	35.77	-0.0501	3.7498	-0.9484
830	SLD 10	-0.48	3.15	35.56	-0.0512	3.7297	-1.1001
830	SLD 11	0.86	-2.26	37.39	-0.0399	3.8667	0.7877
830	SLD 12	0.69	-1.83	37.18	-0.0411	3.8466	0.636
830	SLD 13	-0.95	0.72	42.34	-0.0558	4.2395	-0.2528
830	SLD 14	-1.2	1.38	42.02	-0.0575	4.2089	-0.4832
830	SLD 15	-0.6	-0.77	42.83	-0.0528	4.2746	0.268
830	SLD 16	-0.85	-0.11	42.5	-0.0545	4.244	0.0376
830	SLV 1	4.19	1.88	13.87	-0.0109	2.1216	-0.6617
830	SLV 2	3.6	3.42	13.12	-0.0149	2.0503	-1.1982
830	SLV 3	4.99	-1.51	14.96	-0.004	2.2011	0.519
830	SLV 4	4.39	0.03	14.21	-0.008	2.1299	-0.0175
830	SLV 5	0.61	5.77	26.38	-0.042	3.0538	-2.02
830	SLV 6	0.23	6.77	25.9	-0.0447	3.0077	-2.3672
830	SLV 7	3.27	-5.5	30.02	-0.0191	3.3191	1.9156
830	SLV 8	2.88	-4.5	29.54	-0.0217	3.2729	1.5684
830	SLV 9	-1.57	5.5	38.31	-0.0613	3.9433	-1.9225
830	SLV 10	-1.96	6.5	37.83	-0.0639	3.8971	-2.2697
830	SLV 11	1.08	-5.77	41.96	-0.0383	4.2085	2.0131
830	SLV 12	0.7	-4.77	41.47	-0.0409	4.1624	1.6659
830	SLV 13	-3.08	0.97	53.64	-0.0749	5.0863	-0.3366
830	SLV 14	-3.68	2.51	52.89	-0.079	5.0151	-0.8731
830	SLV 15	-2.29	-2.42	54.73	-0.068	5.1659	0.8441
830	SLV 16	-2.89	-0.88	53.99	-0.0721	5.0946	0.3076
830	CRTFP Ux+	0	0	0	0	0	0
830	CRTFP Ux-	0	0	0	0	0	0
830	CRTFP Uy+	0	0	0	0	0	0
830	CRTFP Uy-	0	0	0	0	0	0
832	SLU 1	1.53	0.12	64.89	0.0261	0.4357	-0.0146
832	SLU 2	1.53	0.21	64.92	0.0257	0.4339	-0.0149
832	SLU 3	1.57	0.12	66.42	0.0267	0.4496	-0.0149
832	SLU 4	1.57	0.18	66.44	0.0265	0.4485	-0.0152
832	SLU 5	1.56	0.21	65.85	0.0261	0.4416	-0.0153
832	SLU 6	1.6	0.12	67.35	0.0271	0.4573	-0.0153
832	SLU 7	1.6	0.18	67.36	0.0268	0.4562	-0.0155
832	SLU 8	1.59	0.11	66.75	0.0268	0.4511	-0.0152
832	SLU 9	1.59	0.17	66.76	0.0265	0.45	-0.0155
832	SLU 10	1.63	0.3	72.94	0.029	0.5041	-0.0165
832	SLU 11	1.67	0.21	74.44	0.03	0.5197	-0.0165
832	SLU 12	1.67	0.27	74.46	0.0297	0.5186	-0.0167
832	SLU 13	1.66	0.3	73.87	0.0293	0.5117	-0.0168
832	SLU 14	1.7	0.21	75.37	0.0303	0.5274	-0.0168
832	SLU 15	1.7	0.27	75.39	0.0301	0.5263	-0.017
832	SLU 16	1.69	0.2	74.77	0.03	0.5212	-0.0168
832	SLU 17	1.69	0.26	74.79	0.0298	0.5201	-0.017
832	SLU 18	1.67	0.25	76.35	0.0307	0.5359	-0.0168
832	SLU 19	1.67	0.3	76.37	0.0305	0.5348	-0.017
832	SLU 20	1.7	0.24	77.28	0.0311	0.5436	-0.0171
832	SLU 21	1.7	0.3	77.3	0.0308	0.5425	-0.0173
832	SLU 22	1.65	0.23	72.89	0.03	0.506	-0.0155
832	SLU 23	1.65	0.33	72.92	0.0296	0.5043	-0.0159
832	SLU 24	1.69	0.24	74.42	0.0306	0.5199	-0.0159
832	SLU 25	1.69	0.3	74.44	0.0304	0.5188	-0.0161
832	SLU 26	1.68	0.33	73.85	0.03	0.5119	-0.0163
832	SLU 27	1.72	0.23	75.35	0.031	0.5276	-0.0162
832	SLU 28	1.72	0.29	75.37	0.0307	0.5265	-0.0165
832	SLU 29	1.71	0.23	74.75	0.0307	0.5214	-0.0162
832	SLU 30	1.71	0.28	74.77	0.0304	0.5203	-0.0164
832	SLU 31	1.75	0.42	80.94	0.0329	0.5744	-0.0175
832	SLU 32	1.79	0.33	82.44	0.0339	0.59	-0.0175
832	SLU 33	1.79	0.39	82.46	0.0336	0.589	-0.0177
832	SLU 34	1.78	0.42	81.87	0.0332	0.5821	-0.0178
832	SLU 35	1.82	0.32	83.37	0.0342	0.5977	-0.0178



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
832	SLU 36	1.82	0.38	83.39	0.034	0.5966	-0.018
832	SLU 37	1.81	0.32	82.77	0.0339	0.5915	-0.0178
832	SLU 38	1.81	0.37	82.79	0.0337	0.5904	-0.018
832	SLU 39	1.79	0.36	84.35	0.0346	0.6062	-0.0177
832	SLU 40	1.79	0.42	84.37	0.0344	0.6051	-0.018
832	SLU 41	1.82	0.36	85.28	0.035	0.6139	-0.0181
832	SLU 42	1.82	0.42	85.3	0.0347	0.6128	-0.0183
832	SLU 43	1.95	0.11	81.61	0.0326	0.5423	-0.0186
832	SLU 44	1.95	0.21	81.64	0.0322	0.5405	-0.019
832	SLU 45	1.99	0.12	83.14	0.0332	0.5562	-0.019
832	SLU 46	1.99	0.17	83.16	0.033	0.5551	-0.0192
832	SLU 47	1.98	0.2	82.57	0.0326	0.5482	-0.0193
832	SLU 48	2.02	0.11	84.07	0.0336	0.5639	-0.0193
832	SLU 49	2.02	0.17	84.09	0.0333	0.5628	-0.0195
832	SLU 50	2.01	0.1	83.47	0.0333	0.5577	-0.0193
832	SLU 51	2.01	0.16	83.49	0.033	0.5566	-0.0195
832	SLU 52	2.05	0.3	89.67	0.0355	0.6107	-0.0205
832	SLU 53	2.09	0.21	91.17	0.0365	0.6263	-0.0205
832	SLU 54	2.09	0.26	91.18	0.0362	0.6252	-0.0207
832	SLU 55	2.08	0.29	90.59	0.0358	0.6183	-0.0208
832	SLU 56	2.12	0.2	92.09	0.0368	0.634	-0.0208
832	SLU 57	2.12	0.26	92.11	0.0366	0.6329	-0.0211
832	SLU 58	2.11	0.19	91.49	0.0365	0.6278	-0.0208
832	SLU 59	2.11	0.25	91.51	0.0363	0.6267	-0.021
832	SLU 60	2.09	0.24	93.08	0.0372	0.6425	-0.0208
832	SLU 61	2.09	0.3	93.09	0.037	0.6414	-0.021
832	SLU 62	2.12	0.24	94	0.0376	0.6502	-0.0211
832	SLU 63	2.12	0.29	94.02	0.0373	0.6491	-0.0213
832	SLU 64	2.07	0.23	89.61	0.0365	0.6126	-0.0196
832	SLU 65	2.07	0.33	89.64	0.0361	0.6109	-0.02
832	SLU 66	2.11	0.23	91.14	0.0371	0.6265	-0.0199
832	SLU 67	2.11	0.29	91.16	0.0369	0.6254	-0.0202
832	SLU 68	2.1	0.32	90.57	0.0365	0.6185	-0.0203
832	SLU 69	2.14	0.23	92.07	0.0375	0.6342	-0.0203
832	SLU 70	2.14	0.29	92.09	0.0372	0.6331	-0.0205
832	SLU 71	2.13	0.22	91.47	0.0372	0.628	-0.0202
832	SLU 72	2.13	0.28	91.49	0.0369	0.6269	-0.0205
832	SLU 73	2.17	0.42	97.67	0.0394	0.681	-0.0215
832	SLU 74	2.21	0.32	99.17	0.0404	0.6966	-0.0215
832	SLU 75	2.21	0.38	99.19	0.0401	0.6956	-0.0217
832	SLU 76	2.2	0.41	98.6	0.0397	0.6887	-0.0218
832	SLU 77	2.24	0.32	100.1	0.0407	0.7043	-0.0218
832	SLU 78	2.24	0.38	100.11	0.0405	0.7032	-0.022
832	SLU 79	2.23	0.31	99.5	0.0404	0.6981	-0.0218
832	SLU 80	2.23	0.37	99.51	0.0402	0.697	-0.022
832	SLU 81	2.21	0.36	101.08	0.0411	0.7128	-0.0218
832	SLU 82	2.21	0.42	101.1	0.0409	0.7117	-0.022
832	SLU 83	2.24	0.35	102.01	0.0415	0.7205	-0.0221
832	SLU 84	2.24	0.41	102.02	0.0412	0.7194	-0.0223
832	SLE RA 1	1.57	0.15	67.17	0.0272	0.4558	-0.0148
832	SLE RA 2	1.57	0.22	67.19	0.027	0.4546	-0.0151
832	SLE RA 3	1.59	0.15	68.19	0.0277	0.465	-0.0151
832	SLE RA 4	1.59	0.19	68.21	0.0275	0.4643	-0.0152
832	SLE RA 5	1.59	0.21	67.81	0.0272	0.4597	-0.0153
832	SLE RA 6	1.61	0.15	68.81	0.0279	0.4702	-0.0153
832	SLE RA 7	1.61	0.19	68.82	0.0277	0.4695	-0.0155
832	SLE RA 8	1.6	0.14	68.41	0.0277	0.466	-0.0153
832	SLE RA 9	1.6	0.18	68.42	0.0275	0.4653	-0.0154
832	SLE RA 10	1.63	0.28	72.54	0.0291	0.5014	-0.0161
832	SLE RA 11	1.66	0.21	73.54	0.0298	0.5118	-0.0161
832	SLE RA 12	1.66	0.25	73.56	0.0297	0.5111	-0.0163
832	SLE RA 13	1.65	0.27	73.16	0.0293	0.5065	-0.0163
832	SLE RA 14	1.68	0.21	74.16	0.03	0.5169	-0.0163
832	SLE RA 15	1.68	0.25	74.17	0.0299	0.5162	-0.0165
832	SLE RA 16	1.67	0.2	73.76	0.0298	0.5128	-0.0163
832	SLE RA 17	1.67	0.24	73.77	0.0297	0.5121	-0.0165
832	SLE RA 18	1.66	0.24	74.82	0.0303	0.5226	-0.0163
832	SLE RA 19	1.66	0.27	74.83	0.0302	0.5219	-0.0165
832	SLE RA 20	1.68	0.23	75.44	0.0305	0.5277	-0.0165
832	SLE RA 21	1.68	0.27	75.45	0.0304	0.527	-0.0167
832	SLE FR 1	1.57	0.15	67.17	0.0272	0.4558	-0.0148
832	SLE FR 2	1.57	0.16	67.18	0.0272	0.4556	-0.0149
832	SLE FR 3	1.57	0.15	67.42	0.0273	0.4578	-0.0149
832	SLE FR 4	1.59	0.19	69.47	0.0281	0.4756	-0.0153
832	SLE FR 5	1.6	0.17	69.72	0.0282	0.4779	-0.0154
832	SLE FR 6	1.61	0.19	71	0.0288	0.4892	-0.0156
832	SLE QP 1	1.57	0.15	67.17	0.0272	0.4558	-0.0148
832	SLE QP 2	1.59	0.18	69.47	0.0282	0.4758	-0.0153
832	SLD 1	7.22	1.03	64.09	0.0174	0.4042	-0.0534
832	SLD 2	6.78	1.52	63.47	0.0143	0.4141	-0.0414
832	SLD 3	7.28	-0.69	64.87	0.0277	0.4552	-0.0548
832	SLD 4	6.83	-0.2	64.26	0.0247	0.4652	-0.0428
832	SLD 5	3.28	2.96	66.77	0.0098	0.3751	-0.0267
832	SLD 6	2.98	3.28	66.37	0.0078	0.3816	-0.0188
832	SLD 7	3.47	-2.78	69.39	0.0443	0.5454	-0.0315
832	SLD 8	3.17	-2.46	68.98	0.0422	0.5519	-0.0236
832	SLD 9	0.02	2.81	69.95	0.0141	0.3998	-0.007
832	SLD 10	-0.28	3.14	69.55	0.0121	0.4063	0.0009
832	SLD 11	0.21	-2.93	72.57	0.0486	0.5701	-0.0118



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
832	SLD 12	-0.09	-2.61	72.16	0.0465	0.5766	-0.0039
832	SLD 13	-3.64	0.55	74.68	0.0317	0.4865	0.0122
832	SLD 14	-4.09	1.04	74.06	0.0286	0.4964	0.0243
832	SLD 15	-3.59	-1.17	75.46	0.042	0.5376	0.0108
832	SLD 16	-4.03	-0.68	74.85	0.0389	0.5475	0.0228
832	SLV 1	14.76	2.12	56.89	0.0033	0.3071	-0.1045
832	SLV 2	13.72	3.27	55.46	-0.0039	0.3302	-0.0765
832	SLV 3	14.89	-1.78	58.66	0.0267	0.4231	-0.1078
832	SLV 4	13.85	-0.64	57.23	0.0196	0.4462	-0.0798
832	SLV 5	5.52	6.48	63.25	-0.0136	0.2453	-0.0419
832	SLV 6	4.85	7.22	62.33	-0.0182	0.2602	-0.0237
832	SLV 7	5.96	-6.53	69.16	0.0645	0.632	-0.0529
832	SLV 8	5.29	-5.79	68.24	0.0599	0.6469	-0.0348
832	SLV 9	-2.1	6.14	70.7	-0.0035	0.3047	0.0043
832	SLV 10	-2.78	6.88	69.78	-0.0082	0.3197	0.0224
832	SLV 11	-1.66	-6.87	76.61	0.0745	0.6915	-0.0068
832	SLV 12	-2.34	-6.13	75.68	0.0699	0.7064	0.0113
832	SLV 13	-10.67	0.99	81.71	0.0368	0.5054	0.0493
832	SLV 14	-11.7	2.13	80.28	0.0296	0.5285	0.0772
832	SLV 15	-10.53	-2.92	83.48	0.0602	0.6214	0.0459
832	SLV 16	-11.57	-1.77	82.05	0.053	0.6445	0.0739
832	CRTFP Ux+	0	0	0	0	0	0
832	CRTFP Ux-	0	0	0	0	0	0
832	CRTFP Uy+	0	0	0	0	0	0
832	CRTFP Uy-	0	0	0	0	0	0
835	SLU 1	-1.25	-0.9	64.18	0.0074	-0.5438	0.0085
835	SLU 2	-1.26	-0.8	64.2	0.007	-0.5416	0.0087
835	SLU 3	-1.28	-0.91	65.75	0.0072	-0.5589	0.0086
835	SLU 4	-1.29	-0.85	65.76	0.007	-0.5576	0.0087
835	SLU 5	-1.28	-0.81	65.13	0.0069	-0.5491	0.0087
835	SLU 6	-1.3	-0.92	66.68	0.0071	-0.5664	0.0086
835	SLU 7	-1.31	-0.86	66.69	0.0069	-0.5651	0.0087
835	SLU 8	-1.29	-0.92	66.04	0.0071	-0.5587	0.0085
835	SLU 9	-1.3	-0.86	66.05	0.0069	-0.5574	0.0086
835	SLU 10	-1.36	-0.83	72.3	0.0066	-0.6267	0.0109
835	SLU 11	-1.38	-0.94	73.85	0.0067	-0.644	0.0108
835	SLU 12	-1.38	-0.88	73.86	0.0065	-0.6427	0.0109
835	SLU 13	-1.37	-0.84	73.23	0.0064	-0.6342	0.0108
835	SLU 14	-1.39	-0.95	74.77	0.0066	-0.6515	0.0108
835	SLU 15	-1.4	-0.89	74.78	0.0064	-0.6502	0.0109
835	SLU 16	-1.38	-0.95	74.14	0.0066	-0.6438	0.0106
835	SLU 17	-1.39	-0.89	74.15	0.0064	-0.6425	0.0107
835	SLU 18	-1.38	-0.94	75.75	0.0067	-0.6653	0.0116
835	SLU 19	-1.39	-0.88	75.76	0.0065	-0.664	0.0117
835	SLU 20	-1.4	-0.95	76.68	0.0066	-0.6728	0.0116
835	SLU 21	-1.41	-0.89	76.69	0.0064	-0.6715	0.0117
835	SLU 22	-1.37	-0.9	72.24	0.0082	-0.6266	0.0097
835	SLU 23	-1.38	-0.8	72.26	0.0079	-0.6244	0.0099
835	SLU 24	-1.4	-0.91	73.8	0.008	-0.6417	0.0098
835	SLU 25	-1.4	-0.85	73.81	0.0078	-0.6404	0.0099
835	SLU 26	-1.39	-0.81	73.19	0.0077	-0.6319	0.0098
835	SLU 27	-1.42	-0.92	74.73	0.0079	-0.6492	0.0098
835	SLU 28	-1.42	-0.86	74.74	0.0077	-0.6479	0.0099
835	SLU 29	-1.4	-0.92	74.1	0.0079	-0.6415	0.0096
835	SLU 30	-1.41	-0.86	74.11	0.0077	-0.6402	0.0097
835	SLU 31	-1.47	-0.82	80.36	0.0074	-0.7095	0.012
835	SLU 32	-1.49	-0.93	81.9	0.0076	-0.7268	0.012
835	SLU 33	-1.5	-0.87	81.91	0.0074	-0.7255	0.0121
835	SLU 34	-1.49	-0.83	81.29	0.0073	-0.717	0.012
835	SLU 35	-1.51	-0.94	82.83	0.0074	-0.7343	0.0119
835	SLU 36	-1.51	-0.89	82.84	0.0072	-0.733	0.012
835	SLU 37	-1.49	-0.94	82.2	0.0075	-0.7266	0.0118
835	SLU 38	-1.5	-0.88	82.21	0.0073	-0.7253	0.0119
835	SLU 39	-1.5	-0.93	83.81	0.0075	-0.7482	0.0128
835	SLU 40	-1.5	-0.87	83.82	0.0073	-0.7469	0.0129
835	SLU 41	-1.51	-0.94	84.74	0.0074	-0.7556	0.0127
835	SLU 42	-1.52	-0.88	84.75	0.0072	-0.7543	0.0128
835	SLU 43	-1.59	-1.17	80.67	0.0093	-0.6785	0.0107
835	SLU 44	-1.6	-1.07	80.69	0.0089	-0.6763	0.0109
835	SLU 45	-1.62	-1.18	82.24	0.0091	-0.6937	0.0108
835	SLU 46	-1.63	-1.12	82.25	0.0089	-0.6924	0.0109
835	SLU 47	-1.62	-1.08	81.62	0.0088	-0.6838	0.0108
835	SLU 48	-1.64	-1.2	83.17	0.009	-0.7011	0.0108
835	SLU 49	-1.65	-1.14	83.18	0.0088	-0.6998	0.0109
835	SLU 50	-1.63	-1.19	82.53	0.009	-0.6935	0.0106
835	SLU 51	-1.63	-1.13	82.54	0.0088	-0.6922	0.0107
835	SLU 52	-1.69	-1.1	88.79	0.0085	-0.7614	0.013
835	SLU 53	-1.71	-1.21	90.34	0.0087	-0.7787	0.0129
835	SLU 54	-1.72	-1.15	90.35	0.0085	-0.7774	0.0131
835	SLU 55	-1.71	-1.11	89.72	0.0083	-0.7689	0.013
835	SLU 56	-1.73	-1.22	91.27	0.0085	-0.7862	0.0129
835	SLU 57	-1.74	-1.16	91.28	0.0083	-0.7849	0.013
835	SLU 58	-1.72	-1.22	90.63	0.0085	-0.7786	0.0128
835	SLU 59	-1.72	-1.16	90.64	0.0083	-0.7773	0.0129
835	SLU 60	-1.72	-1.21	92.24	0.0086	-0.8001	0.0138
835	SLU 61	-1.73	-1.15	92.25	0.0084	-0.7988	0.0139
835	SLU 62	-1.74	-1.22	93.17	0.0085	-0.8076	0.0137
835	SLU 63	-1.75	-1.16	93.18	0.0083	-0.8063	0.0138
835	SLU 64	-1.7	-1.17	88.73	0.0101	-0.7613	0.0118



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
835	SLU 65	-1.71	-1.07	88.75	0.0098	-0.7592	0.012
835	SLU 66	-1.73	-1.18	90.3	0.01	-0.7765	0.012
835	SLU 67	-1.74	-1.12	90.31	0.0098	-0.7752	0.0121
835	SLU 68	-1.73	-1.08	89.68	0.0096	-0.7666	0.012
835	SLU 69	-1.75	-1.19	91.23	0.0098	-0.7839	0.0119
835	SLU 70	-1.76	-1.13	91.24	0.0096	-0.7826	0.012
835	SLU 71	-1.74	-1.19	90.59	0.0098	-0.7763	0.0118
835	SLU 72	-1.75	-1.13	90.6	0.0096	-0.775	0.0119
835	SLU 73	-1.8	-1.09	96.85	0.0093	-0.8443	0.0142
835	SLU 74	-1.83	-1.2	98.4	0.0095	-0.8616	0.0141
835	SLU 75	-1.83	-1.14	98.41	0.0093	-0.8603	0.0142
835	SLU 76	-1.82	-1.1	97.78	0.0092	-0.8517	0.0141
835	SLU 77	-1.84	-1.22	99.32	0.0094	-0.869	0.0141
835	SLU 78	-1.85	-1.16	99.33	0.0092	-0.8677	0.0142
835	SLU 79	-1.83	-1.22	98.69	0.0094	-0.8614	0.0139
835	SLU 80	-1.84	-1.16	98.7	0.0092	-0.8601	0.014
835	SLU 81	-1.83	-1.2	100.3	0.0095	-0.8829	0.0149
835	SLU 82	-1.84	-1.14	100.31	0.0093	-0.8816	0.015
835	SLU 83	-1.85	-1.21	101.23	0.0093	-0.8904	0.0149
835	SLU 84	-1.86	-1.15	101.24	0.0091	-0.8891	0.015
835	SLE RA 1	-1.29	-0.9	66.49	0.0076	-0.5674	0.0089
835	SLE RA 2	-1.29	-0.83	66.5	0.0074	-0.566	0.009
835	SLE RA 3	-1.31	-0.91	67.53	0.0075	-0.5775	0.0089
835	SLE RA 4	-1.31	-0.87	67.53	0.0074	-0.5767	0.009
835	SLE RA 5	-1.3	-0.84	67.12	0.0073	-0.571	0.0089
835	SLE RA 6	-1.32	-0.91	68.15	0.0074	-0.5825	0.0089
835	SLE RA 7	-1.32	-0.87	68.15	0.0073	-0.5816	0.009
835	SLE RA 8	-1.31	-0.91	67.72	0.0074	-0.5774	0.0088
835	SLE RA 9	-1.31	-0.87	67.73	0.0073	-0.5765	0.0089
835	SLE RA 10	-1.35	-0.85	71.9	0.0071	-0.6227	0.0104
835	SLE RA 11	-1.37	-0.92	72.93	0.0072	-0.6343	0.0104
835	SLE RA 12	-1.37	-0.88	72.93	0.007	-0.6334	0.0104
835	SLE RA 13	-1.37	-0.86	72.51	0.007	-0.6277	0.0104
835	SLE RA 14	-1.38	-0.93	73.55	0.0071	-0.6392	0.0103
835	SLE RA 15	-1.38	-0.89	73.55	0.007	-0.6384	0.0104
835	SLE RA 16	-1.37	-0.93	73.12	0.0071	-0.6341	0.0102
835	SLE RA 17	-1.37	-0.89	73.13	0.007	-0.6333	0.0103
835	SLE RA 18	-1.37	-0.92	74.2	0.0072	-0.6485	0.0109
835	SLE RA 19	-1.38	-0.88	74.21	0.007	-0.6476	0.011
835	SLE RA 20	-1.38	-0.93	74.82	0.0071	-0.6535	0.0109
835	SLE RA 21	-1.39	-0.89	74.82	0.0069	-0.6526	0.011
835	SLE FR 1	-1.29	-0.9	66.49	0.0076	-0.5674	0.0089
835	SLE FR 2	-1.29	-0.89	66.49	0.0075	-0.5671	0.0089
835	SLE FR 3	-1.29	-0.9	66.73	0.0076	-0.5694	0.0088
835	SLE FR 4	-1.31	-0.89	68.8	0.0074	-0.5915	0.0095
835	SLE FR 5	-1.32	-0.91	69.05	0.0074	-0.5937	0.0095
835	SLE FR 6	-1.33	-0.91	70.34	0.0074	-0.608	0.0099
835	SLE QP 1	-1.29	-0.9	66.49	0.0076	-0.5674	0.0089
835	SLE QP 2	-1.31	-0.91	68.8	0.0075	-0.5917	0.0095
835	SLD 1	4.63	-0.6	72.61	0.019	-0.6805	-0.0312
835	SLD 2	4.16	-1.07	73.46	0.0202	-0.6693	-0.018
835	SLD 3	4.51	-2.34	73.78	0.0264	-0.7483	-0.0292
835	SLD 4	4.05	-2.81	74.63	0.0276	-0.7372	-0.016
835	SLD 5	0.73	1.91	68.01	-0.0005	-0.5174	-0.0081
835	SLD 6	0.42	1.61	68.57	0.0003	-0.5101	0.0006
835	SLD 7	0.35	-3.9	71.92	0.0241	-0.7436	-0.0015
835	SLD 8	0.04	-4.2	72.48	0.0249	-0.7363	0.0072
835	SLD 9	-2.66	2.39	65.11	-0.01	-0.4472	0.0117
835	SLD 10	-2.97	2.08	65.67	-0.0092	-0.4398	0.0204
835	SLD 11	-3.04	-3.42	69.03	0.0146	-0.6734	0.0184
835	SLD 12	-3.35	-3.72	69.59	0.0154	-0.6661	0.0271
835	SLD 13	-6.67	1	62.97	-0.0126	-0.4463	0.0349
835	SLD 14	-7.14	0.53	63.82	-0.0115	-0.4352	0.0482
835	SLD 15	-6.78	-0.75	64.14	-0.0053	-0.5142	0.0369
835	SLD 16	-7.25	-1.21	64.99	-0.0041	-0.503	0.0501
835	SLV 1	12.57	-0.26	77.77	0.0347	-0.8021	-0.0856
835	SLV 2	11.49	-1.34	79.75	0.0374	-0.7761	-0.0548
835	SLV 3	12.32	-4.21	80.42	0.0515	-0.956	-0.081
835	SLV 4	11.23	-5.29	82.41	0.0542	-0.93	-0.0503
835	SLV 5	3.44	5.46	67.12	-0.0103	-0.426	-0.0313
835	SLV 6	2.74	4.76	68.4	-0.0086	-0.4091	-0.0114
835	SLV 7	2.57	-7.7	75.97	0.0457	-0.9389	-0.0161
835	SLV 8	1.87	-8.4	77.25	0.0475	-0.9221	0.0038
835	SLV 9	-4.49	6.58	60.34	-0.0325	-0.2614	0.0151
835	SLV 10	-5.19	5.88	61.63	-0.0308	-0.2446	0.035
835	SLV 11	-5.36	-6.57	69.2	0.0235	-0.7744	0.0303
835	SLV 12	-6.06	-7.27	70.48	0.0252	-0.7575	0.0503
835	SLV 13	-13.86	3.48	55.19	-0.0393	-0.2535	0.0692
835	SLV 14	-14.94	2.4	57.17	-0.0366	-0.2275	0.1
835	SLV 15	-14.12	-0.47	57.85	-0.0225	-0.4074	0.0738
835	SLV 16	-15.2	-1.55	59.83	-0.0198	-0.3814	0.1046
835	CRTFP Ux+	0	0	0	0	0	0
835	CRTFP Ux-	0	0	0	0	0	0
835	CRTFP Uy+	0	0	0	0	0	0
835	CRTFP Uy-	0	0	0	0	0	0
838	SLU 1	-0.08	0.88	56.92	0.057	1.1797	0.015
838	SLU 2	-0.08	0.95	56.93	0.0565	1.1813	0.0151
838	SLU 3	-0.08	0.91	58.21	0.0585	1.208	0.0152
838	SLU 4	-0.08	0.96	58.22	0.0582	1.209	0.0153



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
838	SLU 5	-0.07	0.96	57.71	0.0572	1.1984	0.0151
838	SLU 6	-0.07	0.92	58.99	0.0592	1.2251	0.0153
838	SLU 7	-0.07	0.97	58.99	0.0589	1.2261	0.0153
838	SLU 8	-0.07	0.9	58.47	0.0585	1.2139	0.015
838	SLU 9	-0.07	0.94	58.48	0.0582	1.2149	0.0151
838	SLU 10	-0.09	1.08	64.37	0.0629	1.3485	0.0175
838	SLU 11	-0.09	1.05	65.65	0.0649	1.3752	0.0177
838	SLU 12	-0.09	1.09	65.65	0.0646	1.3762	0.0177
838	SLU 13	-0.08	1.09	65.15	0.0636	1.3656	0.0175
838	SLU 14	-0.08	1.06	66.42	0.0656	1.3924	0.0177
838	SLU 15	-0.08	1.1	66.43	0.0653	1.3933	0.0178
838	SLU 16	-0.08	1.03	65.91	0.0649	1.3811	0.0175
838	SLU 17	-0.08	1.08	65.92	0.0646	1.3821	0.0175
838	SLU 18	-0.09	1.07	67.55	0.0662	1.4185	0.0184
838	SLU 19	-0.09	1.11	67.55	0.0658	1.4195	0.0185
838	SLU 20	-0.09	1.08	68.32	0.0669	1.4356	0.0185
838	SLU 21	-0.09	1.12	68.33	0.0666	1.4366	0.0185
838	SLU 22	-0.09	1.11	64.34	0.0648	1.3466	0.0168
838	SLU 23	-0.09	1.18	64.35	0.0643	1.3482	0.0169
838	SLU 24	-0.09	1.15	65.63	0.0663	1.3749	0.0171
838	SLU 25	-0.09	1.19	65.63	0.066	1.3759	0.0171
838	SLU 26	-0.09	1.19	65.13	0.0651	1.3653	0.0169
838	SLU 27	-0.09	1.16	66.4	0.0671	1.3921	0.0171
838	SLU 28	-0.09	1.2	66.41	0.0668	1.393	0.0172
838	SLU 29	-0.08	1.13	65.89	0.0663	1.3808	0.0169
838	SLU 30	-0.08	1.17	65.9	0.066	1.3818	0.0169
838	SLU 31	-0.1	1.31	71.79	0.0707	1.5154	0.0193
838	SLU 32	-0.1	1.28	73.06	0.0728	1.5422	0.0195
838	SLU 33	-0.1	1.32	73.07	0.0724	1.5432	0.0196
838	SLU 34	-0.1	1.32	72.56	0.0715	1.5325	0.0194
838	SLU 35	-0.09	1.29	73.84	0.0735	1.5593	0.0195
838	SLU 36	-0.09	1.33	73.85	0.0732	1.5603	0.0196
838	SLU 37	-0.09	1.27	73.33	0.0728	1.548	0.0193
838	SLU 38	-0.09	1.31	73.33	0.0724	1.549	0.0194
838	SLU 39	-0.11	1.3	74.96	0.074	1.5855	0.0203
838	SLU 40	-0.1	1.34	74.97	0.0737	1.5864	0.0203
838	SLU 41	-0.1	1.31	75.74	0.0748	1.6026	0.0203
838	SLU 42	-0.1	1.35	75.75	0.0744	1.6036	0.0204
838	SLU 43	-0.1	1.06	71.46	0.0714	1.4763	0.0188
838	SLU 44	-0.1	1.13	71.47	0.0709	1.478	0.0189
838	SLU 45	-0.1	1.1	72.74	0.0729	1.5047	0.0191
838	SLU 46	-0.1	1.14	72.75	0.0726	1.5057	0.0191
838	SLU 47	-0.09	1.14	72.24	0.0716	1.4951	0.019
838	SLU 48	-0.09	1.11	73.52	0.0736	1.5218	0.0191
838	SLU 49	-0.09	1.15	73.53	0.0733	1.5228	0.0192
838	SLU 50	-0.09	1.08	73.01	0.0729	1.5105	0.0189
838	SLU 51	-0.09	1.12	73.01	0.0726	1.5115	0.019
838	SLU 52	-0.11	1.27	78.91	0.0773	1.6452	0.0213
838	SLU 53	-0.1	1.23	80.18	0.0793	1.6719	0.0215
838	SLU 54	-0.1	1.27	80.19	0.079	1.6729	0.0216
838	SLU 55	-0.1	1.28	79.68	0.078	1.6623	0.0214
838	SLU 56	-0.1	1.24	80.96	0.08	1.689	0.0216
838	SLU 57	-0.1	1.29	80.96	0.0797	1.69	0.0216
838	SLU 58	-0.1	1.22	80.44	0.0793	1.6778	0.0213
838	SLU 59	-0.1	1.26	80.45	0.079	1.6787	0.0214
838	SLU 60	-0.11	1.25	82.08	0.0806	1.7152	0.0223
838	SLU 61	-0.11	1.3	82.09	0.0802	1.7162	0.0224
838	SLU 62	-0.11	1.26	82.86	0.0813	1.7323	0.0223
838	SLU 63	-0.11	1.31	82.86	0.081	1.7333	0.0224
838	SLU 64	-0.11	1.29	78.88	0.0793	1.6432	0.0207
838	SLU 65	-0.11	1.36	78.89	0.0787	1.6449	0.0207
838	SLU 66	-0.11	1.33	80.16	0.0807	1.6716	0.0209
838	SLU 67	-0.11	1.37	80.17	0.0804	1.6726	0.021
838	SLU 68	-0.11	1.37	79.66	0.0795	1.662	0.0208
838	SLU 69	-0.1	1.34	80.94	0.0815	1.6887	0.021
838	SLU 70	-0.1	1.38	80.94	0.0812	1.6897	0.021
838	SLU 71	-0.1	1.31	80.43	0.0807	1.6774	0.0207
838	SLU 72	-0.1	1.36	80.43	0.0804	1.6784	0.0208
838	SLU 73	-0.12	1.5	86.32	0.0852	1.8121	0.0232
838	SLU 74	-0.12	1.46	87.6	0.0872	1.8388	0.0234
838	SLU 75	-0.12	1.51	87.6	0.0868	1.8398	0.0234
838	SLU 76	-0.11	1.51	87.1	0.0859	1.8292	0.0232
838	SLU 77	-0.11	1.48	88.37	0.0879	1.8559	0.0234
838	SLU 78	-0.11	1.52	88.38	0.0876	1.8569	0.0235
838	SLU 79	-0.11	1.45	87.86	0.0872	1.8447	0.0232
838	SLU 80	-0.11	1.49	87.87	0.0868	1.8457	0.0232
838	SLU 81	-0.12	1.49	89.5	0.0884	1.8821	0.0241
838	SLU 82	-0.12	1.53	89.51	0.0881	1.8831	0.0242
838	SLU 83	-0.12	1.5	90.27	0.0892	1.8992	0.0242
838	SLU 84	-0.12	1.54	90.28	0.0888	1.9002	0.0242
838	SLE RA 1	-0.08	0.94	59.04	0.0592	1.2273	0.0155
838	SLE RA 2	-0.08	0.99	59.05	0.0589	1.2284	0.0155
838	SLE RA 3	-0.08	0.97	59.9	0.0602	1.2463	0.0157
838	SLE RA 4	-0.08	1	59.91	0.06	1.2469	0.0157
838	SLE RA 5	-0.08	1	59.57	0.0594	1.2398	0.0156
838	SLE RA 6	-0.08	0.97	60.42	0.0607	1.2577	0.0157
838	SLE RA 7	-0.08	1	60.42	0.0605	1.2583	0.0157
838	SLE RA 8	-0.08	0.96	60.08	0.0602	1.2502	0.0155
838	SLE RA 9	-0.08	0.99	60.08	0.06	1.2508	0.0156



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
838	SLE RA 10	-0.09	1.08	64.01	0.0632	1.3399	0.0172
838	SLE RA 11	-0.09	1.06	64.86	0.0645	1.3577	0.0173
838	SLE RA 12	-0.09	1.09	64.86	0.0643	1.3584	0.0173
838	SLE RA 13	-0.09	1.09	64.52	0.0637	1.3513	0.0172
838	SLE RA 14	-0.08	1.07	65.38	0.065	1.3691	0.0173
838	SLE RA 15	-0.08	1.09	65.38	0.0648	1.3698	0.0173
838	SLE RA 16	-0.08	1.05	65.03	0.0645	1.3616	0.0172
838	SLE RA 17	-0.08	1.08	65.04	0.0643	1.3623	0.0172
838	SLE RA 18	-0.09	1.07	66.13	0.0653	1.3866	0.0178
838	SLE RA 19	-0.09	1.1	66.13	0.0651	1.3873	0.0178
838	SLE RA 20	-0.09	1.08	66.64	0.0658	1.398	0.0178
838	SLE RA 21	-0.09	1.11	66.65	0.0656	1.3987	0.0179
838	SLE FR 1	-0.08	0.94	59.04	0.0592	1.2273	0.0155
838	SLE FR 2	-0.08	0.95	59.04	0.0592	1.2276	0.0155
838	SLE FR 3	-0.08	0.95	59.25	0.0594	1.2319	0.0155
838	SLE FR 4	-0.08	0.99	61.17	0.061	1.2753	0.0162
838	SLE FR 5	-0.08	0.98	61.37	0.0613	1.2797	0.0162
838	SLE FR 6	-0.09	1.01	62.58	0.0623	1.307	0.0166
838	SLE QP 1	-0.08	0.94	59.04	0.0592	1.2273	0.0155
838	SLE QP 2	-0.08	0.98	61.17	0.0611	1.2751	0.0162
838	SLD 1	5.27	2.22	65.8	0.0721	1.5206	-0.0506
838	SLD 2	4.89	2.02	65.52	0.0724	1.5135	-0.0368
838	SLD 3	5.19	0.44	66.19	0.0833	1.4999	-0.0483
838	SLD 4	4.8	0.24	65.92	0.0835	1.4928	-0.0346
838	SLD 5	1.72	4.09	62	0.0475	1.3815	-0.0098
838	SLD 6	1.46	3.96	61.82	0.0477	1.3768	-0.0007
838	SLD 7	1.44	-1.85	63.33	0.0845	1.3123	-0.0022
838	SLD 8	1.18	-1.98	63.15	0.0847	1.3076	0.0069
838	SLD 9	-1.35	3.94	59.19	0.0375	1.2426	0.0255
838	SLD 10	-1.61	3.81	59.01	0.0376	1.2379	0.0345
838	SLD 11	-1.63	-1.99	60.52	0.0745	1.1734	0.0331
838	SLD 12	-1.89	-2.13	60.34	0.0746	1.1687	0.0421
838	SLD 13	-4.97	1.73	56.41	0.0386	1.0575	0.0669
838	SLD 14	-5.36	1.52	56.14	0.0389	1.0504	0.0807
838	SLD 15	-5.06	-0.05	56.81	0.0498	1.0367	0.0692
838	SLD 16	-5.44	-0.26	56.54	0.05	1.0296	0.0829
838	SLV 1	12.44	3.82	72.03	0.0875	1.8496	-0.1399
838	SLV 2	11.55	3.34	71.39	0.0881	1.833	-0.108
838	SLV 3	12.25	-0.22	72.93	0.1126	1.8025	-0.1347
838	SLV 4	11.35	-0.7	72.3	0.1132	1.7859	-0.1027
838	SLV 5	4.12	8.04	63.16	0.0308	1.5217	-0.0442
838	SLV 6	3.54	7.73	62.75	0.0311	1.511	-0.0235
838	SLV 7	3.48	-5.42	66.18	0.1146	1.3648	-0.0266
838	SLV 8	2.9	-5.73	65.77	0.115	1.3541	-0.0059
838	SLV 9	-3.07	7.69	56.57	0.0072	1.1961	0.0383
838	SLV 10	-3.65	7.38	56.16	0.0075	1.1854	0.059
838	SLV 11	-3.71	-5.77	59.58	0.091	1.0393	0.0559
838	SLV 12	-4.29	-6.08	59.17	0.0914	1.0285	0.0766
838	SLV 13	-11.52	2.66	50.04	0.0089	0.7643	0.135
838	SLV 14	-12.42	2.18	49.4	0.0095	0.7477	0.167
838	SLV 15	-11.72	-1.38	50.94	0.0341	0.7173	0.1403
838	SLV 16	-12.61	-1.85	50.31	0.0346	0.7007	0.1723
838	CRTPP Ux+	0	0	0	0	0	0
838	CRTPP Ux-	0	0	0	0	0	0
841	SLU 1	0.27	1.72	54.6	0.0719	-1.0453	-0.0211
841	SLU 2	0.27	1.79	54.61	0.0715	-1.0467	-0.0211
841	SLU 3	0.28	1.78	55.85	0.074	-1.0712	-0.0216
841	SLU 4	0.28	1.82	55.86	0.0737	-1.072	-0.0216
841	SLU 5	0.28	1.82	55.38	0.0726	-1.063	-0.0216
841	SLU 6	0.29	1.8	56.62	0.0751	-1.0874	-0.0221
841	SLU 7	0.29	1.85	56.63	0.0748	-1.0882	-0.0221
841	SLU 8	0.29	1.77	56.14	0.0742	-1.0778	-0.022
841	SLU 9	0.29	1.81	56.14	0.0739	-1.0786	-0.022
841	SLU 10	0.29	2.02	61.81	0.0795	-1.2001	-0.0221
841	SLU 11	0.3	2	63.06	0.082	-1.2245	-0.0226
841	SLU 12	0.3	2.05	63.06	0.0817	-1.2253	-0.0226
841	SLU 13	0.3	2.05	62.58	0.0806	-1.2163	-0.0225
841	SLU 14	0.31	2.03	63.83	0.0831	-1.2407	-0.023
841	SLU 15	0.31	2.07	63.83	0.0828	-1.2416	-0.0231
841	SLU 16	0.31	2	63.35	0.0822	-1.2311	-0.0229
841	SLU 17	0.31	2.04	63.35	0.0819	-1.232	-0.0229
841	SLU 18	0.3	2.04	64.89	0.0834	-1.2644	-0.0224
841	SLU 19	0.3	2.09	64.9	0.0831	-1.2652	-0.0224
841	SLU 20	0.31	2.07	65.66	0.0845	-1.2806	-0.0229
841	SLU 21	0.31	2.11	65.67	0.0842	-1.2814	-0.0229
841	SLU 22	0.28	2.03	61.72	0.0815	-1.1952	-0.0224
841	SLU 23	0.28	2.1	61.72	0.0811	-1.1966	-0.0224
841	SLU 24	0.29	2.08	62.97	0.0836	-1.2211	-0.023
841	SLU 25	0.29	2.13	62.97	0.0833	-1.2219	-0.023
841	SLU 26	0.29	2.12	62.49	0.0822	-1.2129	-0.0229
841	SLU 27	0.3	2.11	63.74	0.0847	-1.2373	-0.0234
841	SLU 28	0.3	2.15	63.74	0.0844	-1.2381	-0.0234
841	SLU 29	0.3	2.07	63.26	0.0838	-1.2277	-0.0233
841	SLU 30	0.3	2.12	63.26	0.0835	-1.2285	-0.0233
841	SLU 31	0.31	2.33	68.93	0.0891	-1.35	-0.0234
841	SLU 32	0.32	2.31	70.18	0.0916	-1.3744	-0.0239
841	SLU 33	0.32	2.35	70.18	0.0913	-1.3752	-0.0239
841	SLU 34	0.32	2.35	69.7	0.0902	-1.3662	-0.0239
841	SLU 35	0.33	2.33	70.95	0.0927	-1.3906	-0.0244



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
841	SLU 36	0.33	2.38	70.95	0.0924	-1.3915	-0.0244
841	SLU 37	0.33	2.3	70.46	0.0918	-1.381	-0.0243
841	SLU 38	0.33	2.35	70.47	0.0915	-1.3818	-0.0243
841	SLU 39	0.32	2.35	72.01	0.093	-1.4143	-0.0238
841	SLU 40	0.32	2.39	72.02	0.0927	-1.4151	-0.0238
841	SLU 41	0.33	2.37	72.78	0.0941	-1.4305	-0.0242
841	SLU 42	0.33	2.42	72.79	0.0938	-1.4313	-0.0242
841	SLU 43	0.34	2.13	68.54	0.0902	-1.3075	-0.0269
841	SLU 44	0.34	2.21	68.55	0.0897	-1.309	-0.027
841	SLU 45	0.35	2.19	69.79	0.0923	-1.3334	-0.0275
841	SLU 46	0.35	2.23	69.79	0.092	-1.3342	-0.0275
841	SLU 47	0.35	2.23	69.32	0.0909	-1.3252	-0.0274
841	SLU 48	0.36	2.21	70.56	0.0934	-1.3496	-0.0279
841	SLU 49	0.36	2.26	70.56	0.0931	-1.3505	-0.028
841	SLU 50	0.36	2.18	70.08	0.0924	-1.34	-0.0278
841	SLU 51	0.36	2.22	70.08	0.0922	-1.3408	-0.0278
841	SLU 52	0.37	2.43	75.75	0.0977	-1.4623	-0.0279
841	SLU 53	0.38	2.41	77	0.1003	-1.4867	-0.0284
841	SLU 54	0.38	2.46	77	0.1	-1.4875	-0.0285
841	SLU 55	0.38	2.46	76.52	0.0988	-1.4785	-0.0284
841	SLU 56	0.39	2.44	77.77	0.1014	-1.5029	-0.0289
841	SLU 57	0.39	2.48	77.77	0.1011	-1.5038	-0.0289
841	SLU 58	0.39	2.41	77.28	0.1004	-1.4933	-0.0288
841	SLU 59	0.39	2.45	77.29	0.1001	-1.4942	-0.0288
841	SLU 60	0.38	2.45	78.83	0.1017	-1.5266	-0.0283
841	SLU 61	0.38	2.5	78.84	0.1014	-1.5274	-0.0283
841	SLU 62	0.39	2.48	79.6	0.1028	-1.5428	-0.0287
841	SLU 63	0.39	2.52	79.61	0.1025	-1.5436	-0.0288
841	SLU 64	0.36	2.44	75.66	0.0998	-1.4574	-0.0283
841	SLU 65	0.36	2.51	75.66	0.0993	-1.4589	-0.0283
841	SLU 66	0.37	2.49	76.91	0.1019	-1.4833	-0.0288
841	SLU 67	0.37	2.54	76.91	0.1016	-1.4841	-0.0288
841	SLU 68	0.37	2.54	76.43	0.1005	-1.4751	-0.0288
841	SLU 69	0.38	2.52	77.68	0.103	-1.4995	-0.0293
841	SLU 70	0.38	2.56	77.68	0.1027	-1.5004	-0.0293
841	SLU 71	0.38	2.49	77.2	0.102	-1.4899	-0.0292
841	SLU 72	0.38	2.53	77.2	0.1018	-1.4907	-0.0292
841	SLU 73	0.38	2.74	82.87	0.1073	-1.6122	-0.0293
841	SLU 74	0.39	2.72	84.11	0.1099	-1.6366	-0.0298
841	SLU 75	0.39	2.76	84.12	0.1096	-1.6374	-0.0298
841	SLU 76	0.39	2.76	83.64	0.1085	-1.6284	-0.0297
841	SLU 77	0.4	2.74	84.88	0.111	-1.6528	-0.0302
841	SLU 78	0.4	2.79	84.89	0.1107	-1.6537	-0.0303
841	SLU 79	0.4	2.71	84.4	0.11	-1.6432	-0.0301
841	SLU 80	0.4	2.76	84.41	0.1098	-1.6441	-0.0301
841	SLU 81	0.39	2.76	85.95	0.1113	-1.6765	-0.0296
841	SLU 82	0.39	2.81	85.96	0.111	-1.6773	-0.0296
841	SLU 83	0.4	2.79	86.72	0.1124	-1.6927	-0.0301
841	SLU 84	0.4	2.83	86.73	0.1121	-1.6935	-0.0301
841	SLE RA 1	0.27	1.81	56.63	0.0747	-1.0882	-0.0214
841	SLE RA 2	0.27	1.86	56.64	0.0744	-1.0891	-0.0215
841	SLE RA 3	0.28	1.84	57.47	0.076	-1.1054	-0.0218
841	SLE RA 4	0.28	1.87	57.47	0.0758	-1.106	-0.0218
841	SLE RA 5	0.28	1.87	57.15	0.0751	-1.0999	-0.0218
841	SLE RA 6	0.28	1.86	57.98	0.0768	-1.1162	-0.0221
841	SLE RA 7	0.29	1.89	57.98	0.0766	-1.1168	-0.0221
841	SLE RA 8	0.28	1.84	57.66	0.0762	-1.1098	-0.022
841	SLE RA 9	0.29	1.87	57.66	0.076	-1.1104	-0.0221
841	SLE RA 10	0.29	2.01	61.44	0.0797	-1.1913	-0.0221
841	SLE RA 11	0.29	2	62.27	0.0814	-1.2076	-0.0225
841	SLE RA 12	0.3	2.03	62.27	0.0812	-1.2082	-0.0225
841	SLE RA 13	0.3	2.02	61.96	0.0804	-1.2021	-0.0224
841	SLE RA 14	0.3	2.01	62.78	0.0821	-1.2184	-0.0228
841	SLE RA 15	0.3	2.04	62.79	0.0819	-1.219	-0.0228
841	SLE RA 16	0.3	1.99	62.46	0.0815	-1.212	-0.0227
841	SLE RA 17	0.3	2.02	62.47	0.0813	-1.2126	-0.0227
841	SLE RA 18	0.3	2.02	63.5	0.0823	-1.2342	-0.0224
841	SLE RA 19	0.3	2.05	63.5	0.0821	-1.2347	-0.0224
841	SLE RA 20	0.3	2.04	64.01	0.083	-1.245	-0.0227
841	SLE RA 21	0.3	2.07	64.01	0.0828	-1.2456	-0.0227
841	SLE FR 1	0.27	1.81	56.63	0.0747	-1.0882	-0.0214
841	SLE FR 2	0.27	1.82	56.63	0.0746	-1.0884	-0.0214
841	SLE FR 3	0.27	1.81	56.84	0.075	-1.0925	-0.0216
841	SLE FR 4	0.28	1.88	58.69	0.0769	-1.1322	-0.0217
841	SLE FR 5	0.28	1.88	58.9	0.0773	-1.1363	-0.0218
841	SLE FR 6	0.28	1.91	60.06	0.0785	-1.1612	-0.0219
841	SLE QP 1	0.27	1.81	56.63	0.0747	-1.0882	-0.0214
841	SLE QP 2	0.28	1.87	58.69	0.077	-1.132	-0.0217
841	SLD 1	5.58	2.5	55.57	0.0663	-0.9258	-0.0889
841	SLD 2	5.2	2.68	55.58	0.065	-0.9291	-0.0751
841	SLD 3	5.65	0.76	55.92	0.0779	-0.9056	-0.0905
841	SLD 4	5.26	0.94	55.93	0.0766	-0.9088	-0.0766
841	SLD 5	1.84	4.67	57.22	0.0563	-1.1002	-0.042
841	SLD 6	1.59	4.79	57.22	0.0555	-1.1024	-0.0329
841	SLD 7	2.06	-1.13	58.4	0.0951	-1.0328	-0.0472
841	SLD 8	1.8	-1.02	58.4	0.0943	-1.0349	-0.0381
841	SLD 9	-1.24	4.76	58.98	0.0596	-1.229	-0.0054
841	SLD 10	-1.5	4.88	58.99	0.0588	-1.2312	-0.0038
841	SLD 11	-1.03	-1.04	60.16	0.0985	-1.1616	-0.0106



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
841	SLD 12	-1.28	-0.93	60.17	0.0976	-1.1637	-0.0014
841	SLD 13	-4.7	2.81	61.45	0.0773	-1.3551	0.0332
841	SLD 14	-5.09	2.98	61.46	0.076	-1.3584	0.0471
841	SLD 15	-4.64	1.06	61.81	0.089	-1.3349	0.0316
841	SLD 16	-5.02	1.24	61.81	0.0877	-1.3382	0.0455
841	SLV 1	12.69	3.27	51.39	0.0517	-0.6487	-0.1789
841	SLV 2	11.79	3.68	51.41	0.0487	-0.6563	-0.1466
841	SLV 3	12.84	-0.67	52.19	0.078	-0.6028	-0.1826
841	SLV 4	11.94	-0.27	52.21	0.0751	-0.6105	-0.1503
841	SLV 5	3.93	8.21	55.28	0.0299	-1.0552	-0.069
841	SLV 6	3.35	8.47	55.29	0.028	-1.0602	-0.0481
841	SLV 7	4.43	-4.95	57.96	0.1178	-0.9023	-0.0811
841	SLV 8	3.85	-4.69	57.97	0.1159	-0.9073	-0.0602
841	SLV 9	-3.29	8.43	59.42	0.0381	-1.3567	0.0168
841	SLV 10	-3.87	8.7	59.43	0.0362	-1.3616	0.0377
841	SLV 11	-2.79	-4.73	62.09	0.1259	-1.2037	0.0047
841	SLV 12	-3.37	-4.47	62.1	0.124	-1.2087	0.0255
841	SLV 13	-11.38	4.01	65.17	0.0788	-1.6535	0.1068
841	SLV 14	-12.28	4.42	65.19	0.0759	-1.6611	0.1391
841	SLV 15	-11.23	0.06	65.98	0.1052	-1.6076	0.1032
841	SLV 16	-12.13	0.47	65.99	0.1023	-1.6152	0.1355
841	CRTFP Ux+	0	0	0	0	0	0
841	CRTFP Ux-	0	0	0	0	0	0
843	SLU 1	-0.58	0.53	31.9	0.0444	-3.538	0.1332
843	SLU 2	-0.59	0.63	31.93	0.0444	-3.5411	0.1571
843	SLU 3	-0.6	0.55	32.66	0.0455	-3.6125	0.1371
843	SLU 4	-0.6	0.6	32.68	0.0455	-3.6144	0.1515
843	SLU 5	-0.6	0.64	32.39	0.0451	-3.5865	0.16
843	SLU 6	-0.6	0.56	33.12	0.0462	-3.6579	0.1401
843	SLU 7	-0.61	0.61	33.14	0.0462	-3.6598	0.1544
843	SLU 8	-0.6	0.55	32.83	0.0457	-3.6287	0.139
843	SLU 9	-0.6	0.61	32.84	0.0458	-3.6306	0.1534
843	SLU 10	-0.63	0.74	35.61	0.0503	-3.9144	0.186
843	SLU 11	-0.64	0.66	36.34	0.0514	-3.9858	0.1661
843	SLU 12	-0.65	0.72	36.35	0.0514	-3.9877	0.1804
843	SLU 13	-0.64	0.75	36.07	0.051	-3.9597	0.189
843	SLU 14	-0.65	0.67	36.8	0.052	-4.0312	0.169
843	SLU 15	-0.65	0.73	36.82	0.052	-4.0331	0.1833
843	SLU 16	-0.64	0.67	36.51	0.0516	-4.002	0.168
843	SLU 17	-0.65	0.73	36.52	0.0516	-4.0038	0.1823
843	SLU 18	-0.65	0.7	37.16	0.0527	-4.0712	0.1746
843	SLU 19	-0.65	0.75	37.17	0.0528	-4.0731	0.1889
843	SLU 20	-0.66	0.71	37.62	0.0534	-4.1166	0.1775
843	SLU 21	-0.66	0.76	37.63	0.0534	-4.1185	0.1918
843	SLU 22	-0.63	0.64	35.65	0.0505	-3.9176	0.1597
843	SLU 23	-0.64	0.73	35.68	0.0505	-3.9208	0.1836
843	SLU 24	-0.65	0.65	36.41	0.0516	-3.9922	0.1636
843	SLU 25	-0.65	0.71	36.42	0.0516	-3.9941	0.1779
843	SLU 26	-0.65	0.74	36.14	0.0512	-3.9661	0.1865
843	SLU 27	-0.66	0.66	36.87	0.0523	-4.0375	0.1665
843	SLU 28	-0.66	0.72	36.89	0.0523	-4.0394	0.1809
843	SLU 29	-0.65	0.66	36.58	0.0518	-4.0083	0.1655
843	SLU 30	-0.65	0.72	36.59	0.0518	-4.0102	0.1799
843	SLU 31	-0.69	0.85	39.35	0.0564	-4.294	0.2125
843	SLU 32	-0.69	0.77	40.09	0.0574	-4.3655	0.1926
843	SLU 33	-0.7	0.82	40.1	0.0575	-4.3674	0.2069
843	SLU 34	-0.69	0.86	39.82	0.057	-4.3394	0.2154
843	SLU 35	-0.7	0.78	40.55	0.0581	-4.4108	0.1955
843	SLU 36	-0.71	0.84	40.56	0.0581	-4.4127	0.2098
843	SLU 37	-0.7	0.78	40.25	0.0577	-4.3816	0.1945
843	SLU 38	-0.7	0.83	40.27	0.0577	-4.3835	0.2088
843	SLU 39	-0.7	0.8	40.91	0.0588	-4.4509	0.201
843	SLU 40	-0.7	0.86	40.92	0.0589	-4.4528	0.2154
843	SLU 41	-0.71	0.81	41.37	0.0595	-4.4962	0.204
843	SLU 42	-0.71	0.87	41.38	0.0595	-4.4981	0.2183
843	SLU 43	-0.74	0.65	40.19	0.0556	-4.4692	0.1641
843	SLU 44	-0.74	0.75	40.21	0.0557	-4.4723	0.188
843	SLU 45	-0.75	0.67	40.95	0.0567	-4.5438	0.168
843	SLU 46	-0.76	0.73	40.96	0.0568	-4.5456	0.1823
843	SLU 47	-0.75	0.76	40.68	0.0563	-4.5177	0.1909
843	SLU 48	-0.76	0.68	41.41	0.0574	-4.5891	0.1709
843	SLU 49	-0.76	0.74	41.42	0.0574	-4.591	0.1853
843	SLU 50	-0.75	0.68	41.12	0.057	-4.5599	0.1699
843	SLU 51	-0.76	0.73	41.13	0.057	-4.5618	0.1843
843	SLU 52	-0.79	0.86	43.89	0.0615	-4.8456	0.2169
843	SLU 53	-0.8	0.78	44.62	0.0626	-4.917	0.197
843	SLU 54	-0.8	0.84	44.64	0.0626	-4.9189	0.2113
843	SLU 55	-0.8	0.88	44.35	0.0622	-4.891	0.2198
843	SLU 56	-0.81	0.8	45.09	0.0632	-4.9624	0.1999
843	SLU 57	-0.81	0.85	45.1	0.0633	-4.9643	0.2142
843	SLU 58	-0.8	0.79	44.79	0.0628	-4.9332	0.1989
843	SLU 59	-0.8	0.85	44.81	0.0628	-4.9351	0.2132
843	SLU 60	-0.8	0.82	45.44	0.064	-5.0024	0.2054
843	SLU 61	-0.81	0.88	45.46	0.064	-5.0043	0.2198
843	SLU 62	-0.81	0.83	45.91	0.0646	-5.0478	0.2084
843	SLU 63	-0.82	0.89	45.92	0.0647	-5.0497	0.2227
843	SLU 64	-0.79	0.76	43.94	0.0617	-4.8488	0.1906
843	SLU 65	-0.8	0.85	43.96	0.0618	-4.852	0.2144
843	SLU 66	-0.81	0.77	44.7	0.0628	-4.9234	0.1945



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
843	SLU 67	-0.81	0.83	44.71	0.0629	-4.9253	0.2088
843	SLU 68	-0.8	0.87	44.43	0.0624	-4.8973	0.2174
843	SLU 69	-0.81	0.79	45.16	0.0635	-4.9688	0.1974
843	SLU 70	-0.82	0.84	45.17	0.0635	-4.9706	0.2117
843	SLU 71	-0.81	0.78	44.86	0.063	-4.9396	0.1964
843	SLU 72	-0.81	0.84	44.88	0.0631	-4.9414	0.2107
843	SLU 73	-0.84	0.97	47.64	0.0676	-5.2253	0.2434
843	SLU 74	-0.85	0.89	48.37	0.0687	-5.2967	0.2234
843	SLU 75	-0.85	0.95	48.39	0.0687	-5.2986	0.2378
843	SLU 76	-0.85	0.98	48.1	0.0683	-5.2706	0.2463
843	SLU 77	-0.86	0.9	48.84	0.0693	-5.342	0.2264
843	SLU 78	-0.86	0.96	48.85	0.0694	-5.3439	0.2407
843	SLU 79	-0.85	0.9	48.54	0.0689	-5.3128	0.2254
843	SLU 80	-0.86	0.96	48.56	0.0689	-5.3147	0.2397
843	SLU 81	-0.86	0.92	49.19	0.0701	-5.3821	0.2319
843	SLU 82	-0.86	0.98	49.21	0.0701	-5.384	0.2462
843	SLU 83	-0.86	0.94	49.65	0.0707	-5.4275	0.2348
843	SLU 84	-0.87	0.99	49.67	0.0708	-5.4293	0.2492
843	SLE RA 1	-0.6	0.56	32.98	0.0461	-3.6464	0.1408
843	SLE RA 2	-0.6	0.62	32.99	0.0462	-3.6485	0.1567
843	SLE RA 3	-0.61	0.57	33.48	0.0469	-3.6961	0.1434
843	SLE RA 4	-0.61	0.61	33.49	0.0469	-3.6974	0.1529
843	SLE RA 5	-0.61	0.63	33.3	0.0466	-3.6788	0.1586
843	SLE RA 6	-0.61	0.58	33.79	0.0473	-3.7264	0.1453
843	SLE RA 7	-0.61	0.62	33.8	0.0473	-3.7276	0.1549
843	SLE RA 8	-0.61	0.58	33.59	0.047	-3.7069	0.1447
843	SLE RA 9	-0.61	0.61	33.6	0.047	-3.7082	0.1542
843	SLE RA 10	-0.63	0.7	35.44	0.0501	-3.8974	0.176
843	SLE RA 11	-0.64	0.65	35.93	0.0508	-3.945	0.1627
843	SLE RA 12	-0.64	0.69	35.94	0.0508	-3.9463	0.1722
843	SLE RA 13	-0.64	0.71	35.75	0.0505	-3.9276	0.1779
843	SLE RA 14	-0.64	0.66	36.24	0.0512	-3.9752	0.1646
843	SLE RA 15	-0.64	0.69	36.25	0.0512	-3.9765	0.1742
843	SLE RA 16	-0.64	0.65	36.04	0.0509	-3.9558	0.164
843	SLE RA 17	-0.64	0.69	36.05	0.0509	-3.957	0.1735
843	SLE RA 18	-0.64	0.67	36.48	0.0517	-4.0019	0.1683
843	SLE RA 19	-0.64	0.71	36.49	0.0517	-4.0032	0.1779
843	SLE RA 20	-0.65	0.68	36.79	0.0521	-4.0322	0.1703
843	SLE RA 21	-0.65	0.72	36.8	0.0522	-4.0334	0.1798
843	SLE FR 1	-0.6	0.56	32.98	0.0461	-3.6464	0.1408
843	SLE FR 2	-0.6	0.57	32.98	0.0461	-3.6469	0.1439
843	SLE FR 3	-0.6	0.56	33.1	0.0463	-3.6585	0.1415
843	SLE FR 4	-0.61	0.61	34.03	0.0478	-3.7535	0.1522
843	SLE FR 5	-0.61	0.6	34.15	0.048	-3.7652	0.1498
843	SLE FR 6	-0.62	0.62	34.73	0.0489	-3.8242	0.1545
843	SLE QP 1	-0.6	0.56	32.98	0.0461	-3.6464	0.1408
843	SLE QP 2	-0.61	0.59	34.03	0.0478	-3.7531	0.149
843	SLD 1	2.18	1.27	42.46	0.0564	-4.5712	0.3151
843	SLD 2	1.94	0.72	42.86	0.0588	-4.618	0.1773
843	SLD 3	2.12	-0.07	42.95	0.0601	-4.6259	-0.0206
843	SLD 4	1.88	-0.63	43.35	0.0625	-4.6727	-0.1583
843	SLD 5	0.36	2.93	35.74	0.0444	-3.9072	0.7327
843	SLD 6	0.2	2.57	36	0.0459	-3.938	0.6419
843	SLD 7	0.16	-1.55	37.38	0.0567	-4.0895	-0.3863
843	SLD 8	0.01	-1.91	37.64	0.0583	-4.1203	-0.477
843	SLD 9	-1.23	3.1	30.41	0.0374	-3.3859	0.7751
843	SLD 10	-1.39	2.73	30.68	0.0389	-3.4167	0.6844
843	SLD 11	-1.42	-1.38	32.05	0.0497	-3.5682	-0.3439
843	SLD 12	-1.58	-1.75	32.31	0.0512	-3.599	-0.4346
843	SLD 13	-3.1	1.82	24.7	0.0331	-2.8335	0.4564
843	SLD 14	-3.34	1.26	25.1	0.0355	-2.8803	0.3187
843	SLD 15	-3.16	0.47	25.19	0.0368	-2.8882	0.1207
843	SLD 16	-3.4	-0.08	25.6	0.0392	-2.935	-0.017
843	SLV 1	5.91	2.12	53.78	0.0682	-5.6701	0.5238
843	SLV 2	5.36	0.83	54.71	0.0737	-5.779	0.203
843	SLV 3	5.78	-0.92	54.89	0.0765	-5.7942	-0.2367
843	SLV 4	5.23	-2.22	55.83	0.0821	-5.9032	-0.5574
843	SLV 5	1.64	5.89	38.1	0.0403	-4.121	1.4705
843	SLV 6	1.28	5.06	38.71	0.0439	-4.1915	1.2629
843	SLV 7	1.2	-4.25	41.81	0.0682	-4.5348	-1.0644
843	SLV 8	0.85	-5.09	42.42	0.0718	-4.6053	-1.2719
843	SLV 9	-2.07	6.28	25.64	0.0239	-2.9009	1.57
843	SLV 10	-2.43	5.44	26.24	0.0275	-2.9714	1.3624
843	SLV 11	-2.5	-3.87	29.34	0.0518	-3.3147	-0.9648
843	SLV 12	-2.86	-4.71	29.95	0.0554	-3.3852	-1.1724
843	SLV 13	-6.45	3.4	12.23	0.0135	-1.603	0.8555
843	SLV 14	-7	2.11	13.16	0.0191	-1.712	0.5347
843	SLV 15	-6.58	0.36	13.34	0.0219	-1.7272	0.095
843	SLV 16	-7.14	-0.94	14.28	0.0274	-1.8361	-0.2257
843	CRTFP Ux+	0	0	0	0	0	0
843	CRTFP Ux-	0	0	0	0	0	0
843	CRTFP Uy+	0	0	0	0	0	0
843	CRTFP Uy-	0	0	0	0	0	0
846	SLU 1	0.69	0.43	30.75	-0.0358	2.5936	-0.1538
846	SLU 2	0.7	0.54	30.77	-0.0358	2.5971	-0.1917
846	SLU 3	0.72	0.44	31.46	-0.0368	2.6307	-0.1555
846	SLU 4	0.72	0.5	31.47	-0.0368	2.6328	-0.1782
846	SLU 5	0.72	0.54	31.2	-0.0365	2.6197	-0.1913
846	SLU 6	0.73	0.44	31.89	-0.0374	2.6533	-0.1551



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
846	SLU 7	0.74	0.5	31.9	-0.0374	2.6554	-0.1779
846	SLU 8	0.72	0.43	31.62	-0.037	2.6388	-0.1531
846	SLU 9	0.73	0.49	31.63	-0.0371	2.6409	-0.1758
846	SLU 10	0.74	0.67	34.22	-0.0402	2.7865	-0.2359
846	SLU 11	0.76	0.56	34.91	-0.0411	2.8201	-0.1998
846	SLU 12	0.76	0.63	34.92	-0.0411	2.8222	-0.2225
846	SLU 13	0.76	0.66	34.65	-0.0408	2.8091	-0.2355
846	SLU 14	0.78	0.56	35.34	-0.0417	2.8427	-0.1994
846	SLU 15	0.78	0.63	35.35	-0.0418	2.8448	-0.2221
846	SLU 16	0.77	0.56	35.07	-0.0414	2.8282	-0.1973
846	SLU 17	0.77	0.62	35.08	-0.0414	2.8303	-0.22
846	SLU 18	0.76	0.61	35.68	-0.042	2.8642	-0.217
846	SLU 19	0.76	0.68	35.69	-0.042	2.8663	-0.2397
846	SLU 20	0.77	0.61	36.11	-0.0426	2.8868	-0.2166
846	SLU 21	0.78	0.68	36.12	-0.0426	2.8889	-0.2394
846	SLU 22	0.76	0.54	34.23	-0.0401	2.7851	-0.1919
846	SLU 23	0.76	0.65	34.25	-0.0401	2.7886	-0.2297
846	SLU 24	0.78	0.55	34.94	-0.041	2.8222	-0.1936
846	SLU 25	0.78	0.61	34.95	-0.041	2.8243	-0.2163
846	SLU 26	0.78	0.65	34.68	-0.0407	2.8112	-0.2294
846	SLU 27	0.79	0.54	35.37	-0.0417	2.8448	-0.1932
846	SLU 28	0.8	0.61	35.38	-0.0417	2.8469	-0.216
846	SLU 29	0.79	0.54	35.1	-0.0413	2.8303	-0.1911
846	SLU 30	0.79	0.6	35.11	-0.0413	2.8324	-0.2139
846	SLU 31	0.81	0.77	37.7	-0.0444	2.978	-0.274
846	SLU 32	0.82	0.67	38.39	-0.0454	3.0116	-0.2379
846	SLU 33	0.83	0.74	38.4	-0.0454	3.0137	-0.2606
846	SLU 34	0.82	0.77	38.13	-0.0451	3.0006	-0.2736
846	SLU 35	0.84	0.67	38.82	-0.046	3.0342	-0.2375
846	SLU 36	0.84	0.73	38.83	-0.046	3.0363	-0.2602
846	SLU 37	0.83	0.66	38.55	-0.0456	3.0197	-0.2354
846	SLU 38	0.84	0.73	38.56	-0.0457	3.0218	-0.2581
846	SLU 39	0.82	0.72	39.16	-0.0463	3.0556	-0.2551
846	SLU 40	0.82	0.78	39.17	-0.0463	3.0578	-0.2778
846	SLU 41	0.83	0.72	39.59	-0.0469	3.0782	-0.2547
846	SLU 42	0.84	0.78	39.6	-0.0469	3.0804	-0.2775
846	SLU 43	0.88	0.53	38.78	-0.0451	3.306	-0.1869
846	SLU 44	0.89	0.63	38.8	-0.0451	3.3095	-0.2247
846	SLU 45	0.9	0.53	39.49	-0.0461	3.3432	-0.1886
846	SLU 46	0.91	0.59	39.5	-0.0461	3.3453	-0.2113
846	SLU 47	0.9	0.63	39.23	-0.0457	3.3321	-0.2244
846	SLU 48	0.92	0.53	39.92	-0.0467	3.3658	-0.1882
846	SLU 49	0.92	0.59	39.93	-0.0467	3.3679	-0.2109
846	SLU 50	0.91	0.52	39.65	-0.0463	3.3512	-0.1861
846	SLU 51	0.91	0.59	39.66	-0.0463	3.3533	-0.2089
846	SLU 52	0.93	0.76	42.25	-0.0495	3.499	-0.269
846	SLU 53	0.95	0.66	42.94	-0.0504	3.5326	-0.2328
846	SLU 54	0.95	0.72	42.95	-0.0504	3.5347	-0.2556
846	SLU 55	0.95	0.76	42.68	-0.0501	3.5216	-0.2686
846	SLU 56	0.96	0.65	43.37	-0.051	3.5552	-0.2325
846	SLU 57	0.97	0.72	43.38	-0.051	3.5573	-0.2552
846	SLU 58	0.95	0.65	43.1	-0.0507	3.5406	-0.2304
846	SLU 59	0.96	0.71	43.11	-0.0507	3.5428	-0.2531
846	SLU 60	0.94	0.7	43.71	-0.0513	3.5766	-0.2501
846	SLU 61	0.95	0.77	43.72	-0.0513	3.5787	-0.2728
846	SLU 62	0.96	0.7	44.14	-0.0519	3.5992	-0.2497
846	SLU 63	0.96	0.77	44.15	-0.0519	3.6013	-0.2724
846	SLU 64	0.94	0.63	42.26	-0.0493	3.4975	-0.225
846	SLU 65	0.95	0.74	42.28	-0.0494	3.501	-0.2628
846	SLU 66	0.97	0.64	42.97	-0.0503	3.5346	-0.2267
846	SLU 67	0.97	0.7	42.98	-0.0503	3.5367	-0.2494
846	SLU 68	0.97	0.74	42.71	-0.05	3.5236	-0.2625
846	SLU 69	0.98	0.64	43.4	-0.0509	3.5572	-0.2263
846	SLU 70	0.99	0.67	43.41	-0.051	3.5593	-0.249
846	SLU 71	0.97	0.73	43.13	-0.0506	3.5427	-0.2242
846	SLU 72	0.98	0.7	43.14	-0.0506	3.5448	-0.2469
846	SLU 73	0.99	0.87	45.73	-0.0537	3.6904	-0.3071
846	SLU 74	1.01	0.76	46.42	-0.0547	3.724	-0.2709
846	SLU 75	1.01	0.83	46.43	-0.0547	3.7261	-0.2937
846	SLU 76	1.01	0.87	46.16	-0.0543	3.713	-0.3067
846	SLU 77	1.03	0.76	46.85	-0.0553	3.7466	-0.2706
846	SLU 78	1.03	0.83	46.86	-0.0553	3.7487	-0.2933
846	SLU 79	1.02	0.76	46.58	-0.0549	3.7321	-0.2685
846	SLU 80	1.02	0.82	46.59	-0.0549	3.7342	-0.2912
846	SLU 81	1.01	0.81	47.19	-0.0556	3.7681	-0.2882
846	SLU 82	1.01	0.88	47.2	-0.0556	3.7702	-0.3109
846	SLU 83	1.02	0.81	47.62	-0.0562	3.7907	-0.2878
846	SLU 84	1.03	0.88	47.63	-0.0562	3.7928	-0.3105
846	SLE RA 1	0.71	0.46	31.74	-0.037	2.6483	-0.1647
846	SLE RA 2	0.72	0.54	31.76	-0.037	2.6506	-0.1899
846	SLE RA 3	0.73	0.47	32.22	-0.0377	2.673	-0.1658
846	SLE RA 4	0.73	0.51	32.22	-0.0377	2.6744	-0.181
846	SLE RA 5	0.73	0.53	32.05	-0.0375	2.6657	-0.1897
846	SLE RA 6	0.74	0.47	32.51	-0.0381	2.6881	-0.1656
846	SLE RA 7	0.74	0.51	32.51	-0.0381	2.6895	-0.1807
846	SLE RA 8	0.73	0.46	32.32	-0.0378	2.6784	-0.1642
846	SLE RA 9	0.73	0.5	32.33	-0.0379	2.6798	-0.1793
846	SLE RA 10	0.75	0.62	34.06	-0.0399	2.7769	-0.2194
846	SLE RA 11	0.76	0.55	34.52	-0.0406	2.7993	-0.1953



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
846	SLE RA 12	0.76	0.59	34.52	-0.0406	2.8007	-0.2105
846	SLE RA 13	0.76	0.62	34.34	-0.0403	2.792	-0.2192
846	SLE RA 14	0.77	0.55	34.81	-0.041	2.8144	-0.1951
846	SLE RA 15	0.77	0.59	34.81	-0.041	2.8158	-0.2102
846	SLE RA 16	0.76	0.55	34.62	-0.0407	2.8047	-0.1937
846	SLE RA 17	0.76	0.59	34.63	-0.0408	2.8061	-0.2088
846	SLE RA 18	0.75	0.58	35.03	-0.0412	2.8287	-0.2068
846	SLE RA 19	0.76	0.63	35.04	-0.0412	2.8301	-0.222
846	SLE RA 20	0.76	0.58	35.32	-0.0416	2.8438	-0.2066
846	SLE RA 21	0.77	0.63	35.33	-0.0416	2.8452	-0.2217
846	SLE FR 1	0.71	0.46	31.74	-0.037	2.6483	-0.1647
846	SLE FR 2	0.71	0.48	31.75	-0.037	2.6488	-0.1697
846	SLE FR 3	0.72	0.46	31.86	-0.0372	2.6543	-0.1646
846	SLE FR 4	0.73	0.51	32.73	-0.0383	2.7029	-0.1824
846	SLE FR 5	0.73	0.5	32.85	-0.0384	2.7084	-0.1772
846	SLE FR 6	0.73	0.52	33.39	-0.0391	2.7385	-0.1857
846	SLE QP 1	0.71	0.46	31.74	-0.037	2.6483	-0.1647
846	SLE QP 2	0.72	0.5	32.73	-0.0383	2.7024	-0.1773
846	SLD 1	2.06	1.11	24.53	-0.0262	2.325	-0.3918
846	SLD 2	1.77	1.77	24.16	-0.028	2.2837	-0.6221
846	SLD 3	2.45	-0.38	25.1	-0.023	2.3775	0.1289
846	SLD 4	2.16	0.28	24.73	-0.0248	2.3362	-0.1015
846	SLD 5	0.58	2.82	29.47	-0.0391	2.517	-0.99
846	SLD 6	0.39	3.26	29.22	-0.0403	2.4897	-1.1417
846	SLD 7	1.89	-2.15	31.38	-0.0286	2.692	0.7455
846	SLD 8	1.7	-1.71	31.13	-0.0298	2.6648	0.5938
846	SLD 9	-0.25	2.71	34.33	-0.0467	2.7401	-0.9484
846	SLD 10	-0.44	3.14	34.08	-0.0479	2.7128	-1.1001
846	SLD 11	1.06	-2.26	36.24	-0.0363	2.9151	0.7871
846	SLD 12	0.87	-1.83	35.99	-0.0374	2.8879	0.6354
846	SLD 13	-0.71	0.72	40.73	-0.0517	3.0686	-0.2531
846	SLD 14	-1	1.38	40.36	-0.0535	3.0273	-0.4835
846	SLD 15	-0.32	-0.77	41.3	-0.0486	3.1212	0.2675
846	SLD 16	-0.61	-0.11	40.93	-0.0503	3.0798	0.0372
846	SLV 1	3.86	1.87	13.56	-0.0099	1.8223	-0.6616
846	SLV 2	3.18	3.41	12.69	-0.014	1.726	-1.198
846	SLV 3	4.74	-1.51	14.86	-0.0028	1.9412	0.5187
846	SLV 4	4.07	0.03	13.99	-0.0069	1.8449	-0.0177
846	SLV 5	0.44	5.77	25.16	-0.0398	2.2747	-2.0196
846	SLV 6	0	6.77	24.6	-0.0425	2.2125	-2.3667
846	SLV 7	3.39	-5.5	29.49	-0.0161	2.6711	1.9147
846	SLV 8	2.96	-4.5	28.92	-0.0188	2.6088	1.5676
846	SLV 9	-1.51	5.5	36.54	-0.0577	2.796	-1.9222
846	SLV 10	-1.94	6.5	35.97	-0.0604	2.7337	-2.2693
846	SLV 11	1.45	-5.77	40.86	-0.034	3.1924	2.0121
846	SLV 12	1.01	-4.77	40.3	-0.0367	3.1301	1.665
846	SLV 13	-2.62	0.97	51.47	-0.0696	3.5599	-0.3369
846	SLV 14	-3.29	2.51	50.6	-0.0738	3.4636	-0.8734
846	SLV 15	-1.73	-2.41	52.77	-0.0625	3.6788	0.8434
846	SLV 16	-2.41	-0.87	51.9	-0.0667	3.5825	0.3069
846	CRTFP Ux+	0	0	0	0	0	0
846	CRTFP Ux-	0	0	0	0	0	0
846	CRTFP Uy+	0	0	0	0	0	0
846	CRTFP Uy-	0	0	0	0	0	0
848	SLU 1	1.6	0.13	65.84	0.0381	0.5085	-0.0104
848	SLU 2	1.61	0.23	65.86	0.0377	0.5068	-0.0108
848	SLU 3	1.65	0.13	67.39	0.0391	0.5244	-0.0107
848	SLU 4	1.65	0.19	67.4	0.0388	0.5233	-0.0109
848	SLU 5	1.64	0.22	66.8	0.0382	0.5156	-0.011
848	SLU 6	1.68	0.13	68.33	0.0395	0.5332	-0.0109
848	SLU 7	1.68	0.19	68.35	0.0393	0.5322	-0.0111
848	SLU 8	1.66	0.12	67.72	0.0391	0.5262	-0.0109
848	SLU 9	1.66	0.18	67.73	0.0389	0.5252	-0.0111
848	SLU 10	1.71	0.32	74	0.0425	0.587	-0.0121
848	SLU 11	1.75	0.22	75.54	0.0438	0.6046	-0.012
848	SLU 12	1.75	0.28	75.55	0.0436	0.6036	-0.0122
848	SLU 13	1.74	0.31	74.94	0.043	0.5959	-0.0124
848	SLU 14	1.78	0.22	76.48	0.0443	0.6135	-0.0123
848	SLU 15	1.78	0.28	76.49	0.0441	0.6124	-0.0125
848	SLU 16	1.77	0.21	75.87	0.0439	0.6065	-0.0123
848	SLU 17	1.77	0.27	75.88	0.0437	0.6054	-0.0125
848	SLU 18	1.75	0.26	77.48	0.045	0.6232	-0.0124
848	SLU 19	1.76	0.32	77.49	0.0447	0.6221	-0.0126
848	SLU 20	1.78	0.25	78.42	0.0455	0.6321	-0.0126
848	SLU 21	1.79	0.31	78.43	0.0452	0.631	-0.0128
848	SLU 22	1.73	0.25	73.98	0.0436	0.5894	-0.0112
848	SLU 23	1.73	0.34	74	0.0432	0.5876	-0.0116
848	SLU 24	1.77	0.25	75.54	0.0445	0.6052	-0.0115
848	SLU 25	1.77	0.31	75.55	0.0443	0.6042	-0.0117
848	SLU 26	1.76	0.34	74.94	0.0437	0.5965	-0.0118
848	SLU 27	1.8	0.25	76.48	0.045	0.6141	-0.0117
848	SLU 28	1.8	0.31	76.49	0.0448	0.613	-0.0119
848	SLU 29	1.79	0.24	75.86	0.0446	0.6071	-0.0117
848	SLU 30	1.79	0.3	75.88	0.0443	0.606	-0.0119
848	SLU 31	1.84	0.43	82.14	0.048	0.6679	-0.0129
848	SLU 32	1.88	0.34	83.68	0.0493	0.6855	-0.0129
848	SLU 33	1.88	0.4	83.69	0.0491	0.6844	-0.0131
848	SLU 34	1.87	0.43	83.09	0.0485	0.6768	-0.0132
848	SLU 35	1.91	0.34	84.62	0.0498	0.6944	-0.0131



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
848	SLU 36	1.91	0.4	84.63	0.0496	0.6933	-0.0133
848	SLU 37	1.89	0.33	84.01	0.0494	0.6874	-0.0131
848	SLU 38	1.9	0.39	84.02	0.0491	0.6863	-0.0133
848	SLU 39	1.88	0.38	85.62	0.0504	0.7041	-0.0132
848	SLU 40	1.88	0.43	85.63	0.0502	0.703	-0.0134
848	SLU 41	1.91	0.37	86.56	0.0509	0.7129	-0.0134
848	SLU 42	1.91	0.43	86.57	0.0507	0.7119	-0.0136
848	SLU 43	2.04	0.13	82.8	0.0477	0.6334	-0.0133
848	SLU 44	2.04	0.22	82.82	0.0473	0.6316	-0.0136
848	SLU 45	2.08	0.13	84.36	0.0486	0.6492	-0.0135
848	SLU 46	2.09	0.19	84.37	0.0484	0.6481	-0.0137
848	SLU 47	2.07	0.22	83.76	0.0478	0.6405	-0.0139
848	SLU 48	2.11	0.13	85.3	0.0491	0.6581	-0.0138
848	SLU 49	2.12	0.18	85.31	0.0489	0.657	-0.014
848	SLU 50	2.1	0.12	84.68	0.0487	0.6511	-0.0138
848	SLU 51	2.1	0.18	84.69	0.0484	0.65	-0.014
848	SLU 52	2.15	0.31	90.96	0.0521	0.7119	-0.015
848	SLU 53	2.19	0.22	92.5	0.0534	0.7295	-0.0149
848	SLU 54	2.19	0.28	92.51	0.0532	0.7284	-0.0151
848	SLU 55	2.18	0.31	91.9	0.0526	0.7207	-0.0152
848	SLU 56	2.22	0.22	93.44	0.0539	0.7383	-0.0151
848	SLU 57	2.22	0.28	93.45	0.0537	0.7373	-0.0154
848	SLU 58	2.21	0.21	92.83	0.0535	0.7313	-0.0151
848	SLU 59	2.21	0.27	92.84	0.0532	0.7303	-0.0154
848	SLU 60	2.19	0.26	94.44	0.0545	0.748	-0.0152
848	SLU 61	2.19	0.31	94.45	0.0543	0.747	-0.0154
848	SLU 62	2.22	0.25	95.38	0.055	0.7569	-0.0155
848	SLU 63	2.22	0.31	95.39	0.0548	0.7558	-0.0157
848	SLU 64	2.17	0.24	90.95	0.0532	0.7143	-0.0141
848	SLU 65	2.17	0.34	90.96	0.0528	0.7125	-0.0144
848	SLU 66	2.21	0.25	92.5	0.0541	0.7301	-0.0143
848	SLU 67	2.21	0.31	92.51	0.0539	0.729	-0.0145
848	SLU 68	2.2	0.34	91.9	0.0533	0.7213	-0.0147
848	SLU 69	2.24	0.24	93.44	0.0546	0.7389	-0.0146
848	SLU 70	2.24	0.3	93.45	0.0543	0.7379	-0.0148
848	SLU 71	2.23	0.24	92.83	0.0542	0.7319	-0.0146
848	SLU 72	2.23	0.29	92.84	0.0539	0.7309	-0.0148
848	SLU 73	2.28	0.43	99.11	0.0576	0.7927	-0.0158
848	SLU 74	2.32	0.34	100.64	0.0589	0.8103	-0.0157
848	SLU 75	2.32	0.4	100.65	0.0586	0.8093	-0.0159
848	SLU 76	2.31	0.43	100.05	0.058	0.8016	-0.016
848	SLU 77	2.35	0.34	101.58	0.0594	0.8192	-0.016
848	SLU 78	2.35	0.39	101.59	0.0591	0.8181	-0.0162
848	SLU 79	2.33	0.33	100.97	0.0589	0.8122	-0.016
848	SLU 80	2.33	0.39	100.98	0.0587	0.8111	-0.0162
848	SLU 81	2.32	0.37	102.58	0.06	0.8289	-0.016
848	SLU 82	2.32	0.43	102.59	0.0598	0.8279	-0.0162
848	SLU 83	2.35	0.37	103.52	0.0605	0.8378	-0.0163
848	SLU 84	2.35	0.43	103.53	0.0603	0.8367	-0.0165
848	SLE RA 1	1.64	0.16	68.17	0.0397	0.5317	-0.0106
848	SLE RA 2	1.64	0.23	68.18	0.0394	0.5305	-0.0109
848	SLE RA 3	1.67	0.16	69.2	0.0403	0.5422	-0.0108
848	SLE RA 4	1.67	0.2	69.21	0.0402	0.5415	-0.011
848	SLE RA 5	1.66	0.22	68.81	0.0398	0.5364	-0.011
848	SLE RA 6	1.69	0.16	69.83	0.0406	0.5481	-0.011
848	SLE RA 7	1.69	0.2	69.84	0.0405	0.5474	-0.0111
848	SLE RA 8	1.68	0.16	69.42	0.0404	0.5434	-0.011
848	SLE RA 9	1.68	0.2	69.43	0.0402	0.5427	-0.0111
848	SLE RA 10	1.71	0.29	73.61	0.0426	0.584	-0.0118
848	SLE RA 11	1.74	0.23	74.63	0.0435	0.5957	-0.0117
848	SLE RA 12	1.74	0.26	74.64	0.0433	0.595	-0.0119
848	SLE RA 13	1.73	0.28	74.24	0.0429	0.5899	-0.012
848	SLE RA 14	1.76	0.22	75.26	0.0438	0.6016	-0.0119
848	SLE RA 15	1.76	0.26	75.27	0.0437	0.6009	-0.012
848	SLE RA 16	1.75	0.22	74.85	0.0435	0.597	-0.0119
848	SLE RA 17	1.75	0.26	74.86	0.0434	0.5962	-0.012
848	SLE RA 18	1.74	0.25	75.92	0.0443	0.6081	-0.0119
848	SLE RA 19	1.74	0.29	75.93	0.0441	0.6074	-0.0121
848	SLE RA 20	1.76	0.25	76.55	0.0446	0.614	-0.0121
848	SLE RA 21	1.76	0.28	76.56	0.0444	0.6133	-0.0123
848	SLE FR 1	1.64	0.16	68.17	0.0397	0.5317	-0.0106
848	SLE FR 2	1.64	0.17	68.17	0.0396	0.5314	-0.0107
848	SLE FR 3	1.65	0.16	68.42	0.0398	0.534	-0.0107
848	SLE FR 4	1.67	0.2	70.5	0.041	0.5543	-0.0111
848	SLE FR 5	1.68	0.19	70.75	0.0412	0.5569	-0.0111
848	SLE FR 6	1.69	0.2	72.05	0.042	0.5699	-0.0113
848	SLE QP 1	1.64	0.16	68.17	0.0397	0.5317	-0.0106
848	SLE QP 2	1.67	0.19	70.5	0.0411	0.5546	-0.011
848	SLD 1	7.52	1.03	64.67	0.0211	0.4717	-0.0548
848	SLD 2	7.01	1.53	63.97	0.0188	0.4826	-0.0433
848	SLD 3	7.58	-0.69	65.75	0.0312	0.524	-0.0528
848	SLD 4	7.07	-0.19	65.06	0.0289	0.5348	-0.0413
848	SLD 5	3.42	2.96	67.23	0.0201	0.4485	-0.0293
848	SLD 6	3.09	3.29	66.77	0.0186	0.4556	-0.0217
848	SLD 7	3.62	-2.77	70.84	0.0539	0.6227	-0.0225
848	SLD 8	3.29	-2.45	70.38	0.0524	0.6299	-0.015
848	SLD 9	0.05	2.82	70.61	0.0298	0.4793	-0.0071
848	SLD 10	-0.29	3.15	70.15	0.0283	0.4864	0.0005
848	SLD 11	0.25	-2.91	74.22	0.0635	0.6535	-0.0003



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
848	SLD 12	-0.09	-2.59	73.76	0.062	0.6607	0.0072
848	SLD 13	-3.73	0.57	75.93	0.0532	0.5743	0.0193
848	SLD 14	-4.24	1.06	75.24	0.0509	0.5852	0.0307
848	SLD 15	-3.67	-1.15	77.02	0.0633	0.6266	0.0213
848	SLD 16	-4.18	-0.66	76.32	0.0611	0.6375	0.0327
848	SLV 1	15.35	2.11	56.89	-0.0054	0.3597	-0.1134
848	SLV 2	14.16	3.25	55.27	-0.0107	0.385	-0.0867
848	SLV 3	15.49	-1.79	59.33	0.0176	0.4784	-0.1088
848	SLV 4	14.3	-0.65	57.71	0.0123	0.5038	-0.0821
848	SLV 5	5.77	6.48	62.99	-0.0068	0.3116	-0.0534
848	SLV 6	5	7.22	61.94	-0.0102	0.328	-0.0361
848	SLV 7	6.23	-6.52	71.13	0.0698	0.7074	-0.038
848	SLV 8	5.47	-5.78	70.08	0.0663	0.7239	-0.0207
848	SLV 9	-2.13	6.15	70.91	0.0158	0.3853	-0.0014
848	SLV 10	-2.9	6.89	69.86	0.0124	0.4017	0.0159
848	SLV 11	-1.66	-6.84	79.05	0.0923	0.7812	0.0141
848	SLV 12	-2.43	-6.1	78	0.0889	0.7976	0.0313
848	SLV 13	-10.97	1.02	83.28	0.0698	0.6054	0.06
848	SLV 14	-12.15	2.16	81.66	0.0646	0.6307	0.0867
848	SLV 15	-10.83	-2.88	85.72	0.0928	0.7241	0.0646
848	SLV 16	-12.01	-1.73	84.1	0.0875	0.7495	0.0913
848	CRTFP Ux+	0	0	0	0	0	0
848	CRTFP Ux-	0	0	0	0	0	0
848	CRTFP Uy+	0	0	0	0	0	0
848	CRTFP Uy-	0	0	0	0	0	0
851	SLU 1	-2.02	-1.4	102.12	12.4582	-0.9796	0.2455
851	SLU 2	-2.04	-1.24	102.13	12.4585	-0.9763	0.2476
851	SLU 3	-2.07	-1.42	104.59	12.7564	-1.0065	0.2513
851	SLU 4	-2.09	-1.33	104.59	12.7566	-1.0045	0.2526
851	SLU 5	-2.07	-1.26	103.59	12.635	-0.9899	0.2505
851	SLU 6	-2.1	-1.44	106.04	12.933	-1.0201	0.2542
851	SLU 7	-2.11	-1.34	106.05	12.9331	-1.0181	0.2555
851	SLU 8	-2.08	-1.44	105.04	12.8113	-1.0068	0.2512
851	SLU 9	-2.09	-1.34	105.05	12.8115	-1.0048	0.2525
851	SLU 10	-2.21	-1.28	114.92	14.0119	-1.1269	0.2711
851	SLU 11	-2.24	-1.46	117.38	14.3099	-1.1571	0.2748
851	SLU 12	-2.25	-1.37	117.38	14.31	-1.1551	0.2761
851	SLU 13	-2.23	-1.3	116.38	14.1885	-1.1405	0.2739
851	SLU 14	-2.27	-1.48	118.83	14.4864	-1.1706	0.2777
851	SLU 15	-2.28	-1.38	118.84	14.4866	-1.1687	0.2789
851	SLU 16	-2.24	-1.48	117.83	14.3647	-1.1573	0.2747
851	SLU 17	-2.25	-1.38	117.84	14.3649	-1.1554	0.276
851	SLU 18	-2.26	-1.46	120.4	14.6774	-1.1947	0.279
851	SLU 19	-2.27	-1.36	120.4	14.6775	-1.1928	0.2803
851	SLU 20	-2.29	-1.47	121.85	14.8539	-1.2083	0.2819
851	SLU 21	-2.3	-1.38	121.86	14.8541	-1.2063	0.2832
851	SLU 22	-2.21	-1.39	114.94	14.0208	-1.1277	0.2698
851	SLU 23	-2.23	-1.24	114.95	14.0211	-1.1244	0.2719
851	SLU 24	-2.26	-1.41	117.4	14.319	-1.1546	0.2756
851	SLU 25	-2.27	-1.32	117.4	14.3192	-1.1526	0.2769
851	SLU 26	-2.26	-1.26	116.41	14.1976	-1.138	0.2748
851	SLU 27	-2.29	-1.43	118.86	14.4956	-1.1681	0.2785
851	SLU 28	-2.3	-1.34	118.86	14.4958	-1.1662	0.2798
851	SLU 29	-2.27	-1.43	117.86	14.3739	-1.1548	0.2756
851	SLU 30	-2.28	-1.34	117.86	14.3741	-1.1529	0.2768
851	SLU 31	-2.4	-1.28	127.74	15.5745	-1.275	0.2954
851	SLU 32	-2.43	-1.45	130.19	15.8725	-1.3051	0.2991
851	SLU 33	-2.44	-1.36	130.19	15.8726	-1.3032	0.3004
851	SLU 34	-2.42	-1.3	129.2	15.7511	-1.2886	0.2983
851	SLU 35	-2.46	-1.47	131.65	16.049	-1.3187	0.302
851	SLU 36	-2.47	-1.38	131.65	16.0492	-1.3167	0.3032
851	SLU 37	-2.43	-1.47	130.65	15.9274	-1.3054	0.299
851	SLU 38	-2.44	-1.38	130.65	15.9275	-1.3034	0.3003
851	SLU 39	-2.45	-1.45	133.21	16.24	-1.3428	0.3034
851	SLU 40	-2.46	-1.36	133.21	16.2402	-1.3408	0.3046
851	SLU 41	-2.48	-1.47	134.67	16.4166	-1.3564	0.3062
851	SLU 42	-2.49	-1.38	134.67	16.4167	-1.3544	0.3075
851	SLU 43	-2.57	-1.82	128.37	15.6599	-1.2227	0.3108
851	SLU 44	-2.58	-1.67	128.38	15.6602	-1.2194	0.3129
851	SLU 45	-2.62	-1.84	130.83	15.9581	-1.2496	0.3167
851	SLU 46	-2.63	-1.75	130.84	15.9583	-1.2476	0.3179
851	SLU 47	-2.61	-1.68	129.84	15.8367	-1.233	0.3158
851	SLU 48	-2.64	-1.86	132.29	16.1347	-1.2632	0.3195
851	SLU 49	-2.66	-1.76	132.29	16.1348	-1.2612	0.3208
851	SLU 50	-2.62	-1.86	131.29	16.013	-1.2499	0.3166
851	SLU 51	-2.63	-1.76	131.29	16.0132	-1.2479	0.3178
851	SLU 52	-2.75	-1.71	141.17	17.2136	-1.37	0.3364
851	SLU 53	-2.78	-1.88	143.62	17.5116	-1.4002	0.3401
851	SLU 54	-2.79	-1.79	143.63	17.5117	-1.3982	0.3414
851	SLU 55	-2.78	-1.72	142.63	17.3902	-1.3836	0.3393
851	SLU 56	-2.81	-1.9	145.08	17.6881	-1.4138	0.343
851	SLU 57	-2.82	-1.8	145.08	17.6883	-1.4118	0.3442
851	SLU 58	-2.79	-1.9	144.08	17.5664	-1.4005	0.34
851	SLU 59	-2.8	-1.8	144.08	17.5666	-1.3985	0.3413
851	SLU 60	-2.8	-1.88	146.64	17.8791	-1.4378	0.3444
851	SLU 61	-2.81	-1.78	146.65	17.8792	-1.4359	0.3456
851	SLU 62	-2.83	-1.9	148.1	18.0556	-1.4514	0.3472
851	SLU 63	-2.84	-1.8	148.1	18.0558	-1.4495	0.3485
851	SLU 64	-2.75	-1.81	141.18	17.2225	-1.3708	0.3352



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
851	SLU 65	-2.77	-1.66	141.19	17.2228	-1.3675	0.3373
851	SLU 66	-2.81	-1.83	143.64	17.5208	-1.3977	0.341
851	SLU 67	-2.82	-1.74	143.65	17.5209	-1.3957	0.3422
851	SLU 68	-2.8	-1.68	142.65	17.3994	-1.3811	0.3401
851	SLU 69	-2.83	-1.85	145.1	17.6973	-1.4112	0.3438
851	SLU 70	-2.84	-1.76	145.11	17.6975	-1.4093	0.3451
851	SLU 71	-2.81	-1.85	144.1	17.5756	-1.3979	0.3409
851	SLU 72	-2.82	-1.76	144.11	17.5758	-1.396	0.3421
851	SLU 73	-2.94	-1.7	153.98	18.7762	-1.5181	0.3607
851	SLU 74	-2.97	-1.87	156.43	19.0742	-1.5483	0.3644
851	SLU 75	-2.98	-1.78	156.44	19.0743	-1.5463	0.3657
851	SLU 76	-2.97	-1.72	155.44	18.9528	-1.5317	0.3636
851	SLU 77	-3	-1.89	157.89	19.2507	-1.5618	0.3673
851	SLU 78	-3.01	-1.8	157.9	19.2509	-1.5599	0.3686
851	SLU 79	-2.97	-1.89	156.89	19.1291	-1.5485	0.3643
851	SLU 80	-2.99	-1.8	156.9	19.1292	-1.5466	0.3656
851	SLU 81	-2.99	-1.87	159.45	19.4417	-1.5859	0.3687
851	SLU 82	-3	-1.78	159.46	19.4419	-1.5839	0.3699
851	SLU 83	-3.02	-1.89	160.91	19.6183	-1.5995	0.3715
851	SLU 84	-3.03	-1.8	160.92	19.6184	-1.5975	0.3728
851	SLE RA 1	-2.08	-1.4	105.78	12.9047	-1.0219	0.2525
851	SLE RA 2	-2.09	-1.29	105.79	12.9048	-1.0197	0.2539
851	SLE RA 3	-2.11	-1.41	107.43	13.1035	-1.0398	0.2563
851	SLE RA 4	-2.12	-1.35	107.43	13.1036	-1.0385	0.2572
851	SLE RA 5	-2.11	-1.31	106.76	13.0225	-1.0288	0.2558
851	SLE RA 6	-2.13	-1.42	108.4	13.2212	-1.0489	0.2582
851	SLE RA 7	-2.14	-1.36	108.4	13.2213	-1.0476	0.2591
851	SLE RA 8	-2.11	-1.42	107.73	13.1401	-1.04	0.2563
851	SLE RA 9	-2.12	-1.36	107.73	13.1402	-1.0387	0.2571
851	SLE RA 10	-2.2	-1.32	114.32	13.9405	-1.1201	0.2695
851	SLE RA 11	-2.22	-1.44	115.95	14.1391	-1.1402	0.272
851	SLE RA 12	-2.23	-1.37	115.96	14.1392	-1.1389	0.2728
851	SLE RA 13	-2.22	-1.33	115.29	14.0582	-1.1292	0.2714
851	SLE RA 14	-2.24	-1.45	116.93	14.2568	-1.1493	0.2739
851	SLE RA 15	-2.25	-1.39	116.93	14.2569	-1.148	0.2747
851	SLE RA 16	-2.22	-1.45	116.26	14.1757	-1.1404	0.2719
851	SLE RA 17	-2.23	-1.39	116.26	14.1758	-1.1391	0.2728
851	SLE RA 18	-2.24	-1.43	117.97	14.3841	-1.1653	0.2748
851	SLE RA 19	-2.24	-1.37	117.97	14.3842	-1.164	0.2757
851	SLE RA 20	-2.25	-1.45	118.94	14.5018	-1.1744	0.2767
851	SLE RA 21	-2.26	-1.39	118.94	14.5019	-1.1731	0.2776
851	SLE FR 1	-2.08	-1.4	105.78	12.9047	-1.0219	0.2525
851	SLE FR 2	-2.08	-1.38	105.79	12.9047	-1.0215	0.2527
851	SLE FR 3	-2.09	-1.4	106.17	12.9517	-1.0255	0.2532
851	SLE FR 4	-2.13	-1.39	109.44	13.3485	-1.0645	0.2595
851	SLE FR 5	-2.13	-1.41	109.83	13.3956	-1.0686	0.2599
851	SLE FR 6	-2.16	-1.42	111.88	13.6444	-1.0936	0.2636
851	SLE QP 1	-2.08	-1.4	105.78	12.9047	-1.0219	0.2525
851	SLE QP 2	-2.13	-1.41	109.44	13.3485	-1.0649	0.2592
851	SLD 1	7.65	-0.93	117.1	14.4474	-1.2477	-1.0059
851	SLD 2	6.78	-1.65	118.39	14.5924	-1.2285	-0.8767
851	SLD 3	7.46	-3.64	119.2	14.7108	-1.3495	-0.9804
851	SLD 4	6.59	-4.36	120.49	14.8558	-1.3303	-0.8513
851	SLD 5	1.26	2.97	108.31	13.2528	-0.9688	-0.1821
851	SLD 6	0.68	2.5	109.16	13.3483	-0.9561	-0.0971
851	SLD 7	0.61	-6.06	115.33	14.1306	-1.3082	-0.0972
851	SLD 8	0.04	-6.53	116.18	14.2261	-1.2955	-0.0122
851	SLD 9	-4.29	3.71	102.7	12.4709	-0.8343	0.5305
851	SLD 10	-4.86	3.24	103.55	12.5664	-0.8217	0.6156
851	SLD 11	-4.93	-5.31	109.72	13.3487	-1.1738	0.6154
851	SLD 12	-5.51	-5.79	110.57	13.4442	-1.1611	0.7004
851	SLD 13	-10.84	1.54	98.39	11.8412	-0.7996	1.3696
851	SLD 14	-11.71	0.82	99.67	11.9862	-0.7804	1.4988
851	SLD 15	-11.03	-1.16	100.49	12.1046	-0.9014	1.3951
851	SLD 16	-11.9	-1.89	101.78	12.2496	-0.8822	1.5242
851	SLV 1	20.73	-0.4	127.46	15.9314	-1.4967	-2.6993
851	SLV 2	18.71	-2.08	130.46	16.2691	-1.452	-2.3985
851	SLV 3	20.29	-6.53	132.22	16.5276	-1.7275	-2.6411
851	SLV 4	18.27	-8.21	135.22	16.8653	-1.6828	-2.3403
851	SLV 5	5.75	8.5	107.1	13.1606	-0.8521	-0.7688
851	SLV 6	4.44	7.41	109.04	13.3791	-0.8232	-0.5742
851	SLV 7	4.28	-11.96	122.98	15.1478	-1.6216	-0.5748
851	SLV 8	2.97	-13.05	124.92	15.3663	-1.5926	-0.3803
851	SLV 9	-7.22	10.23	93.96	11.3307	-0.5372	0.8986
851	SLV 10	-8.53	9.15	95.9	11.5492	-0.5083	1.0932
851	SLV 11	-8.69	-10.23	109.84	13.3179	-1.3067	1.0925
851	SLV 12	-10	-11.31	111.78	13.5364	-1.2778	1.2871
851	SLV 13	-22.52	5.4	83.66	9.8317	-0.4471	2.8587
851	SLV 14	-24.54	3.72	86.66	10.1694	-0.4024	3.1594
851	SLV 15	-22.96	-0.74	88.42	10.4279	-0.6779	2.9169
851	SLV 16	-24.98	-2.42	91.42	10.7656	-0.6332	3.2176
851	CRTFP Ux+	0	0	0	0	0	0
851	CRTFP Ux-	0	0	0	0	0	0
851	CRTFP Uy+	0	0	0	0	0	0
851	CRTFP Uy-	0	0	0	0	0	0
854	SLU 1	-0.15	0.92	58.67	0.0604	1.0655	0.0126
854	SLU 2	-0.15	0.99	58.66	0.0598	1.067	0.0127
854	SLU 3	-0.15	0.96	60	0.062	1.0911	0.0128
854	SLU 4	-0.15	1	59.99	0.0617	1.092	0.0129



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
854	SLU 5	-0.15	1	59.46	0.0606	1.0824	0.0127
854	SLU 6	-0.15	0.97	60.8	0.0628	1.1065	0.0128
854	SLU 7	-0.15	1.01	60.79	0.0625	1.1074	0.0129
854	SLU 8	-0.14	0.94	60.26	0.062	1.0963	0.0126
854	SLU 9	-0.14	0.98	60.26	0.0616	1.0972	0.0127
854	SLU 10	-0.17	1.13	66.29	0.0664	1.2177	0.0149
854	SLU 11	-0.17	1.09	67.63	0.0686	1.2418	0.015
854	SLU 12	-0.17	1.14	67.62	0.0683	1.2427	0.0151
854	SLU 13	-0.17	1.14	67.09	0.0672	1.2331	0.0149
854	SLU 14	-0.17	1.11	68.42	0.0694	1.2571	0.015
854	SLU 15	-0.17	1.15	68.42	0.0691	1.258	0.0151
854	SLU 16	-0.16	1.08	67.89	0.0686	1.2469	0.0148
854	SLU 17	-0.16	1.12	67.89	0.0682	1.2478	0.0149
854	SLU 18	-0.18	1.12	69.56	0.0698	1.2807	0.0157
854	SLU 19	-0.18	1.16	69.56	0.0695	1.2817	0.0158
854	SLU 20	-0.18	1.13	70.36	0.0706	1.2961	0.0157
854	SLU 21	-0.18	1.17	70.36	0.0703	1.297	0.0158
854	SLU 22	-0.17	1.15	66.32	0.0685	1.216	0.0143
854	SLU 23	-0.17	1.22	66.31	0.0679	1.2175	0.0144
854	SLU 24	-0.17	1.19	67.65	0.0701	1.2415	0.0146
854	SLU 25	-0.17	1.23	67.65	0.0697	1.2424	0.0146
854	SLU 26	-0.17	1.23	67.11	0.0687	1.2329	0.0145
854	SLU 27	-0.17	1.2	68.45	0.0709	1.2569	0.0146
854	SLU 28	-0.17	1.24	68.45	0.0705	1.2578	0.0146
854	SLU 29	-0.16	1.18	67.91	0.07	1.2467	0.0144
854	SLU 30	-0.16	1.22	67.91	0.0697	1.2476	0.0144
854	SLU 31	-0.2	1.36	73.94	0.0745	1.3681	0.0167
854	SLU 32	-0.19	1.33	75.28	0.0767	1.3922	0.0168
854	SLU 33	-0.19	1.37	75.28	0.0763	1.3931	0.0168
854	SLU 34	-0.19	1.37	74.74	0.0753	1.3835	0.0167
854	SLU 35	-0.19	1.34	76.08	0.0775	1.4076	0.0168
854	SLU 36	-0.19	1.38	76.08	0.0771	1.4085	0.0168
854	SLU 37	-0.19	1.31	75.54	0.0766	1.3974	0.0166
854	SLU 38	-0.19	1.36	75.54	0.0763	1.3983	0.0166
854	SLU 39	-0.2	1.35	77.22	0.0779	1.4312	0.0175
854	SLU 40	-0.2	1.39	77.22	0.0776	1.4321	0.0176
854	SLU 41	-0.2	1.36	78.02	0.0787	1.4466	0.0175
854	SLU 42	-0.2	1.4	78.01	0.0784	1.4475	0.0176
854	SLU 43	-0.19	1.11	73.64	0.0757	1.3336	0.0158
854	SLU 44	-0.19	1.18	73.64	0.0752	1.3351	0.0159
854	SLU 45	-0.19	1.15	74.97	0.0773	1.3592	0.016
854	SLU 46	-0.19	1.19	74.97	0.077	1.3601	0.016
854	SLU 47	-0.18	1.19	74.43	0.076	1.3505	0.0159
854	SLU 48	-0.18	1.16	75.77	0.0781	1.3745	0.016
854	SLU 49	-0.18	1.2	75.77	0.0778	1.3755	0.0161
854	SLU 50	-0.18	1.14	75.24	0.0773	1.3643	0.0158
854	SLU 51	-0.18	1.18	75.23	0.077	1.3653	0.0158
854	SLU 52	-0.21	1.32	81.27	0.0818	1.4858	0.0181
854	SLU 53	-0.21	1.29	82.6	0.0839	1.5098	0.0182
854	SLU 54	-0.21	1.33	82.6	0.0836	1.5107	0.0183
854	SLU 55	-0.2	1.33	82.06	0.0826	1.5012	0.0181
854	SLU 56	-0.2	1.3	83.4	0.0847	1.5252	0.0182
854	SLU 57	-0.2	1.34	83.4	0.0844	1.5261	0.0183
854	SLU 58	-0.2	1.27	82.87	0.0839	1.515	0.018
854	SLU 59	-0.2	1.32	82.86	0.0836	1.5159	0.018
854	SLU 60	-0.22	1.31	84.54	0.0851	1.5488	0.0189
854	SLU 61	-0.22	1.35	84.54	0.0848	1.5497	0.019
854	SLU 62	-0.21	1.32	85.34	0.0859	1.5642	0.0189
854	SLU 63	-0.21	1.36	85.33	0.0856	1.5651	0.019
854	SLU 64	-0.21	1.35	81.29	0.0838	1.484	0.0175
854	SLU 65	-0.21	1.42	81.29	0.0833	1.4856	0.0176
854	SLU 66	-0.21	1.38	82.63	0.0854	1.5096	0.0177
854	SLU 67	-0.21	1.43	82.62	0.0851	1.5105	0.0178
854	SLU 68	-0.21	1.43	82.09	0.0841	1.5009	0.0176
854	SLU 69	-0.21	1.4	83.42	0.0862	1.525	0.0177
854	SLU 70	-0.21	1.44	83.42	0.0859	1.5259	0.0178
854	SLU 71	-0.2	1.37	82.89	0.0854	1.5148	0.0175
854	SLU 72	-0.2	1.41	82.89	0.0851	1.5157	0.0176
854	SLU 73	-0.23	1.56	88.92	0.0899	1.6362	0.0198
854	SLU 74	-0.23	1.52	90.26	0.092	1.6603	0.0199
854	SLU 75	-0.23	1.57	90.25	0.0917	1.6612	0.02
854	SLU 76	-0.23	1.57	89.72	0.0907	1.6516	0.0198
854	SLU 77	-0.23	1.54	91.05	0.0928	1.6756	0.0199
854	SLU 78	-0.23	1.58	91.05	0.0925	1.6766	0.02
854	SLU 79	-0.22	1.51	90.52	0.092	1.6654	0.0197
854	SLU 80	-0.22	1.55	90.52	0.0917	1.6664	0.0198
854	SLU 81	-0.24	1.55	92.19	0.0932	1.6993	0.0207
854	SLU 82	-0.24	1.59	92.19	0.0929	1.7002	0.0207
854	SLU 83	-0.24	1.56	92.99	0.094	1.7146	0.0207
854	SLU 84	-0.24	1.6	92.99	0.0937	1.7155	0.0207
854	SLE RA 1	-0.16	0.98	60.85	0.0627	1.1085	0.0131
854	SLE RA 2	-0.16	1.03	60.85	0.0623	1.1095	0.0132
854	SLE RA 3	-0.16	1.01	61.74	0.0638	1.1256	0.0132
854	SLE RA 4	-0.16	1.04	61.74	0.0635	1.1262	0.0133
854	SLE RA 5	-0.15	1.04	61.38	0.0629	1.1198	0.0132
854	SLE RA 6	-0.15	1.02	62.27	0.0643	1.1358	0.0132
854	SLE RA 7	-0.15	1.05	62.27	0.0641	1.1364	0.0133
854	SLE RA 8	-0.15	1	61.92	0.0637	1.129	0.0131
854	SLE RA 9	-0.15	1.03	61.91	0.0635	1.1296	0.0131



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
854	SLE RA 10	-0.17	1.12	65.94	0.0667	1.21	0.0146
854	SLE RA 11	-0.17	1.1	66.83	0.0682	1.226	0.0147
854	SLE RA 12	-0.17	1.13	66.82	0.0679	1.2266	0.0147
854	SLE RA 13	-0.17	1.13	66.47	0.0673	1.2202	0.0146
854	SLE RA 14	-0.17	1.11	67.36	0.0687	1.2362	0.0147
854	SLE RA 15	-0.17	1.14	67.36	0.0685	1.2368	0.0148
854	SLE RA 16	-0.17	1.09	67	0.0681	1.2294	0.0146
854	SLE RA 17	-0.17	1.12	67	0.0679	1.23	0.0146
854	SLE RA 18	-0.18	1.12	68.12	0.069	1.252	0.0152
854	SLE RA 19	-0.18	1.14	68.12	0.0688	1.2526	0.0152
854	SLE RA 20	-0.17	1.12	68.65	0.0695	1.2622	0.0152
854	SLE RA 21	-0.17	1.15	68.65	0.0693	1.2628	0.0152
854	SLE FR 1	-0.16	0.98	60.85	0.0627	1.1085	0.0131
854	SLE FR 2	-0.16	0.99	60.85	0.0626	1.1087	0.0131
854	SLE FR 3	-0.16	0.99	61.07	0.0629	1.1126	0.0131
854	SLE FR 4	-0.16	1.03	63.03	0.0645	1.1517	0.0137
854	SLE FR 5	-0.16	1.03	63.24	0.0648	1.1556	0.0137
854	SLE FR 6	-0.17	1.05	64.49	0.0658	1.1802	0.0141
854	SLE QP 1	-0.16	0.98	60.85	0.0627	1.1085	0.0131
854	SLE QP 2	-0.16	1.02	63.03	0.0646	1.1515	0.0137
854	SLD 1	5.57	2.27	67.96	0.0757	1.3926	-0.0573
854	SLD 2	5.11	2.07	67.69	0.076	1.3864	-0.0435
854	SLD 3	5.48	0.49	68.69	0.0872	1.3734	-0.0553
854	SLD 4	5.02	0.29	68.42	0.0875	1.3672	-0.0416
854	SLD 5	1.78	4.14	63.45	0.0505	1.2541	-0.013
854	SLD 6	1.48	4	63.28	0.0506	1.25	-0.0039
854	SLD 7	1.47	-1.8	65.88	0.0887	1.1901	-0.0065
854	SLD 8	1.17	-1.93	65.71	0.0889	1.186	0.0025
854	SLD 9	-1.49	3.98	60.36	0.0402	1.1171	0.0249
854	SLD 10	-1.8	3.85	60.18	0.0404	1.113	0.034
854	SLD 11	-1.81	-1.95	62.79	0.0785	1.0531	0.0313
854	SLD 12	-2.11	-2.09	62.61	0.0787	1.049	0.0404
854	SLD 13	-5.34	1.76	57.64	0.0416	0.9359	0.069
854	SLD 14	-5.81	1.56	57.38	0.0419	0.9296	0.0828
854	SLD 15	-5.44	-0.02	58.37	0.0531	0.9166	0.0709
854	SLD 16	-5.9	-0.22	58.11	0.0534	0.9104	0.0847
854	SLV 1	13.25	3.88	74.6	0.0913	1.7156	-0.1523
854	SLV 2	12.18	3.41	73.98	0.0919	1.7012	-0.1202
854	SLV 3	13.04	-0.15	76.25	0.1173	1.6721	-0.1478
854	SLV 4	11.97	-0.63	75.64	0.1179	1.6577	-0.1157
854	SLV 5	4.37	8.08	64.1	0.033	1.3893	-0.0485
854	SLV 6	3.68	7.77	63.7	0.0335	1.38	-0.0277
854	SLV 7	3.66	-5.36	69.61	0.1197	1.2442	-0.0335
854	SLV 8	2.96	-5.67	69.21	0.1201	1.2348	-0.0127
854	SLV 9	-3.29	7.72	56.85	0.009	1.0683	0.0402
854	SLV 10	-3.98	7.41	56.45	0.0095	1.0589	0.0609
854	SLV 11	-4.01	-5.73	62.36	0.0957	0.9231	0.0552
854	SLV 12	-4.7	-6.03	61.96	0.0961	0.9138	0.0759
854	SLV 13	-12.29	2.68	50.43	0.0112	0.6454	0.1432
854	SLV 14	-13.36	2.2	49.81	0.0119	0.631	0.1752
854	SLV 15	-12.51	-1.36	52.08	0.0372	0.6019	0.1476
854	SLV 16	-13.58	-1.83	51.46	0.0379	0.5874	0.1797
854	CRTFP Ux+	0	0	0	0	0	0
854	CRTFP Ux-	0	0	0	0	0	0
857	SLU 1	0.37	1.75	56.76	0.0735	-0.9448	-0.0189
857	SLU 2	0.38	1.83	56.75	0.073	-0.9461	-0.019
857	SLU 3	0.39	1.81	58.07	0.0756	-0.9682	-0.0195
857	SLU 4	0.39	1.86	58.07	0.0753	-0.969	-0.0195
857	SLU 5	0.39	1.85	57.55	0.0742	-0.9608	-0.0194
857	SLU 6	0.4	1.84	58.87	0.0767	-0.9829	-0.0199
857	SLU 7	0.4	1.88	58.87	0.0764	-0.9837	-0.0199
857	SLU 8	0.4	1.8	58.36	0.0758	-0.9742	-0.0198
857	SLU 9	0.4	1.85	58.36	0.0755	-0.975	-0.0198
857	SLU 10	0.41	2.06	64.19	0.0809	-1.0843	-0.0198
857	SLU 11	0.42	2.04	65.51	0.0835	-1.1064	-0.0202
857	SLU 12	0.42	2.09	65.51	0.0832	-1.1072	-0.0203
857	SLU 13	0.42	2.08	65	0.082	-1.099	-0.0202
857	SLU 14	0.43	2.07	66.32	0.0846	-1.1211	-0.0207
857	SLU 15	0.43	2.11	66.31	0.0843	-1.1219	-0.0207
857	SLU 16	0.43	2.03	65.81	0.0836	-1.1124	-0.0206
857	SLU 17	0.43	2.08	65.8	0.0833	-1.1132	-0.0206
857	SLU 18	0.42	2.08	67.39	0.0848	-1.1422	-0.0201
857	SLU 19	0.42	2.13	67.39	0.0845	-1.143	-0.0201
857	SLU 20	0.43	2.11	68.19	0.0859	-1.1569	-0.0205
857	SLU 21	0.43	2.15	68.19	0.0856	-1.1577	-0.0205
857	SLU 22	0.4	2.06	64.16	0.0831	-1.0799	-0.0202
857	SLU 23	0.4	2.14	64.15	0.0826	-1.0811	-0.0202
857	SLU 24	0.41	2.12	65.47	0.0851	-1.1033	-0.0207
857	SLU 25	0.41	2.17	65.47	0.0848	-1.104	-0.0207
857	SLU 26	0.41	2.16	64.96	0.0837	-1.0958	-0.0207
857	SLU 27	0.42	2.15	66.28	0.0863	-1.118	-0.0211
857	SLU 28	0.42	2.19	66.27	0.086	-1.1187	-0.0212
857	SLU 29	0.42	2.11	65.77	0.0853	-1.1093	-0.021
857	SLU 30	0.42	2.16	65.76	0.085	-1.11	-0.0211
857	SLU 31	0.43	2.37	71.6	0.0905	-1.2193	-0.021
857	SLU 32	0.44	2.35	72.91	0.093	-1.2414	-0.0215
857	SLU 33	0.44	2.4	72.91	0.0927	-1.2422	-0.0215
857	SLU 34	0.44	2.39	72.4	0.0916	-1.234	-0.0214
857	SLU 35	0.45	2.38	73.72	0.0941	-1.2561	-0.0219



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
857	SLU 36	0.45	2.42	73.71	0.0938	-1.2569	-0.0219
857	SLU 37	0.45	2.34	73.21	0.0932	-1.2474	-0.0218
857	SLU 38	0.45	2.39	73.2	0.0929	-1.2482	-0.0218
857	SLU 39	0.44	2.39	74.79	0.0943	-1.2772	-0.0213
857	SLU 40	0.44	2.44	74.79	0.094	-1.278	-0.0213
857	SLU 41	0.45	2.42	75.59	0.0954	-1.2919	-0.0217
857	SLU 42	0.45	2.46	75.59	0.0951	-1.2927	-0.0218
857	SLU 43	0.48	2.17	71.25	0.0923	-1.182	-0.0242
857	SLU 44	0.48	2.25	71.24	0.0918	-1.1833	-0.0243
857	SLU 45	0.49	2.23	72.56	0.0944	-1.2054	-0.0247
857	SLU 46	0.49	2.28	72.56	0.0941	-1.2062	-0.0248
857	SLU 47	0.49	2.27	72.04	0.0929	-1.198	-0.0247
857	SLU 48	0.5	2.26	73.36	0.0955	-1.2201	-0.0251
857	SLU 49	0.5	2.3	73.36	0.0952	-1.2209	-0.0252
857	SLU 50	0.5	2.23	72.85	0.0946	-1.2114	-0.025
857	SLU 51	0.5	2.27	72.85	0.0943	-1.2122	-0.0251
857	SLU 52	0.51	2.48	78.68	0.0997	-1.3215	-0.025
857	SLU 53	0.52	2.46	80	0.1023	-1.3436	-0.0255
857	SLU 54	0.52	2.51	80	0.102	-1.3443	-0.0255
857	SLU 55	0.52	2.5	79.49	0.1008	-1.3362	-0.0255
857	SLU 56	0.53	2.49	80.81	0.1034	-1.3583	-0.0259
857	SLU 57	0.53	2.53	80.8	0.1031	-1.359	-0.026
857	SLU 58	0.53	2.46	80.3	0.1024	-1.3496	-0.0258
857	SLU 59	0.53	2.5	80.29	0.1021	-1.3503	-0.0259
857	SLU 60	0.52	2.5	81.88	0.1036	-1.3794	-0.0253
857	SLU 61	0.52	2.55	81.88	0.1033	-1.3802	-0.0254
857	SLU 62	0.53	2.53	82.68	0.1047	-1.3941	-0.0257
857	SLU 63	0.53	2.57	82.68	0.1044	-1.3949	-0.0258
857	SLU 64	0.5	2.48	78.65	0.1019	-1.317	-0.0254
857	SLU 65	0.5	2.56	78.64	0.1014	-1.3183	-0.0255
857	SLU 66	0.51	2.54	79.96	0.1039	-1.3404	-0.026
857	SLU 67	0.51	2.59	79.96	0.1036	-1.3412	-0.026
857	SLU 68	0.51	2.58	79.45	0.1025	-1.333	-0.0259
857	SLU 69	0.53	2.57	80.77	0.1051	-1.3551	-0.0264
857	SLU 70	0.53	2.61	80.76	0.1048	-1.3559	-0.0264
857	SLU 71	0.53	2.53	80.26	0.1041	-1.3464	-0.0263
857	SLU 72	0.53	2.58	80.25	0.1038	-1.3472	-0.0263
857	SLU 73	0.53	2.79	86.08	0.1092	-1.4565	-0.0263
857	SLU 74	0.54	2.77	87.4	0.1118	-1.4786	-0.0268
857	SLU 75	0.54	2.82	87.4	0.1115	-1.4794	-0.0268
857	SLU 76	0.54	2.81	86.89	0.1104	-1.4712	-0.0267
857	SLU 77	0.56	2.8	88.21	0.1129	-1.4933	-0.0272
857	SLU 78	0.56	2.84	88.2	0.1126	-1.4941	-0.0272
857	SLU 79	0.55	2.76	87.7	0.112	-1.4846	-0.0271
857	SLU 80	0.56	2.81	87.69	0.1117	-1.4854	-0.0271
857	SLU 81	0.54	2.81	89.28	0.1131	-1.5144	-0.0266
857	SLU 82	0.54	2.86	89.28	0.1128	-1.5152	-0.0266
857	SLU 83	0.56	2.84	90.08	0.1142	-1.5291	-0.027
857	SLU 84	0.56	2.88	90.08	0.1139	-1.5299	-0.027
857	SLE RA 1	0.38	1.84	58.87	0.0763	-0.9834	-0.0193
857	SLE RA 2	0.38	1.89	58.87	0.0759	-0.9843	-0.0193
857	SLE RA 3	0.39	1.88	59.75	0.0776	-0.999	-0.0196
857	SLE RA 4	0.39	1.91	59.75	0.0774	-0.9995	-0.0197
857	SLE RA 5	0.39	1.91	59.4	0.0767	-0.9941	-0.0196
857	SLE RA 6	0.4	1.9	60.28	0.0784	-1.0088	-0.0199
857	SLE RA 7	0.4	1.93	60.28	0.0782	-1.0093	-0.0199
857	SLE RA 8	0.4	1.88	59.94	0.0778	-1.003	-0.0199
857	SLE RA 9	0.4	1.91	59.94	0.0775	-1.0035	-0.0199
857	SLE RA 10	0.4	2.05	63.83	0.0812	-1.0764	-0.0199
857	SLE RA 11	0.41	2.03	64.71	0.0829	-1.0911	-0.0202
857	SLE RA 12	0.41	2.06	64.71	0.0827	-1.0916	-0.0202
857	SLE RA 13	0.41	2.06	64.37	0.0819	-1.0862	-0.0201
857	SLE RA 14	0.42	2.05	65.24	0.0836	-1.1009	-0.0204
857	SLE RA 15	0.42	2.08	65.24	0.0834	-1.1014	-0.0205
857	SLE RA 16	0.42	2.03	64.9	0.083	-1.0951	-0.0204
857	SLE RA 17	0.42	2.06	64.9	0.0828	-1.0956	-0.0204
857	SLE RA 18	0.41	2.06	65.96	0.0838	-1.115	-0.02
857	SLE RA 19	0.41	2.09	65.96	0.0836	-1.1155	-0.0201
857	SLE RA 20	0.42	2.08	66.5	0.0845	-1.1248	-0.0203
857	SLE RA 21	0.42	2.11	66.49	0.0843	-1.1253	-0.0203
857	SLE FR 1	0.38	1.84	58.87	0.0763	-0.9834	-0.0193
857	SLE FR 2	0.38	1.85	58.87	0.0762	-0.9836	-0.0193
857	SLE FR 3	0.38	1.85	59.09	0.0766	-0.9873	-0.0194
857	SLE FR 4	0.39	1.92	61	0.0784	-1.0231	-0.0195
857	SLE FR 5	0.39	1.92	61.21	0.0788	-1.0268	-0.0196
857	SLE FR 6	0.39	1.95	62.42	0.08	-1.0492	-0.0197
857	SLE QP 1	0.38	1.84	58.87	0.0763	-0.9834	-0.0193
857	SLE QP 2	0.39	1.91	61	0.0785	-1.0229	-0.0195
857	SLD 1	6.08	2.54	57.61	0.0672	-0.8154	-0.0907
857	SLD 2	5.61	2.71	57.58	0.0659	-0.8183	-0.0768
857	SLD 3	6.15	0.8	58.31	0.0792	-0.7974	-0.0923
857	SLD 4	5.69	0.97	58.28	0.0779	-0.8003	-0.0784
857	SLD 5	2.07	4.7	58.92	0.0571	-0.9875	-0.0408
857	SLD 6	1.76	4.82	58.9	0.0563	-0.9894	-0.0316
857	SLD 7	2.31	-1.1	61.26	0.0972	-0.9274	-0.0464
857	SLD 8	2	-0.98	61.24	0.0963	-0.9293	-0.0372
857	SLD 9	-1.23	4.8	60.75	0.0607	-1.1165	-0.0018
857	SLD 10	-1.53	4.91	60.73	0.0599	-1.1184	0.0074
857	SLD 11	-0.99	-1	63.1	0.1008	-1.0564	-0.0074



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
857	SLD 12	-1.29	-0.89	63.08	0.0999	-1.0583	0.0018
857	SLD 13	-4.91	2.85	63.72	0.0791	-1.2455	0.0394
857	SLD 14	-5.37	3.02	63.69	0.0778	-1.2484	0.0533
857	SLD 15	-4.84	1.11	64.42	0.0912	-1.2275	0.0377
857	SLD 16	-5.3	1.28	64.39	0.0899	-1.2304	0.0516
857	SLV 1	13.69	3.3	53.09	0.0517	-0.5366	-0.186
857	SLV 2	12.62	3.7	53.01	0.0486	-0.5435	-0.1535
857	SLV 3	13.86	-0.65	54.68	0.0789	-0.4957	-0.1899
857	SLV 4	12.78	-0.24	54.6	0.0758	-0.5025	-0.1574
857	SLV 5	4.31	8.24	56.22	0.0297	-0.9379	-0.0692
857	SLV 6	3.62	8.5	56.18	0.0277	-0.9423	-0.0482
857	SLV 7	4.87	-4.91	61.53	0.1204	-0.8015	-0.0822
857	SLV 8	4.17	-4.65	61.48	0.1185	-0.8059	-0.0612
857	SLV 9	-3.4	8.46	60.52	0.0386	-1.2399	0.0221
857	SLV 10	-4.09	8.73	60.47	0.0366	-1.2443	0.0431
857	SLV 11	-2.84	-4.68	65.82	0.1293	-1.1035	0.0091
857	SLV 12	-3.53	-4.42	65.77	0.1273	-1.1079	0.0301
857	SLV 13	-12.01	4.06	67.39	0.0812	-1.5432	0.1184
857	SLV 14	-13.08	4.46	67.32	0.0782	-1.5501	0.1508
857	SLV 15	-11.84	0.11	68.99	0.1084	-1.5023	0.1145
857	SLV 16	-12.91	0.52	68.91	0.1054	-1.5091	0.1469
857	CRTFP Ux+	0	0	0	0	0	0
857	CRTFP Ux-	0	0	0	0	0	0
859	SLU 1	-0.59	0.52	33.71	0.0748	-4.6984	0.1308
859	SLU 2	-0.59	0.62	33.74	0.0748	-4.7026	0.1544
859	SLU 3	-0.6	0.54	34.52	0.0767	-4.8027	0.1346
859	SLU 4	-0.61	0.6	34.53	0.0767	-4.8051	0.1488
859	SLU 5	-0.6	0.63	34.23	0.076	-4.766	0.1573
859	SLU 6	-0.61	0.55	35.01	0.0778	-4.8661	0.1375
859	SLU 7	-0.61	0.61	35.02	0.0778	-4.8686	0.1517
859	SLU 8	-0.6	0.55	34.69	0.077	-4.8253	0.1365
859	SLU 9	-0.61	0.6	34.71	0.0771	-4.8278	0.1507
859	SLU 10	-0.64	0.73	37.66	0.0846	-5.2209	0.1831
859	SLU 11	-0.65	0.65	38.43	0.0864	-5.321	0.1632
859	SLU 12	-0.65	0.71	38.45	0.0864	-5.3235	0.1775
859	SLU 13	-0.65	0.75	38.14	0.0857	-5.2843	0.186
859	SLU 14	-0.65	0.67	38.92	0.0875	-5.3844	0.1661
859	SLU 15	-0.66	0.72	38.94	0.0876	-5.3869	0.1803
859	SLU 16	-0.65	0.66	38.61	0.0868	-5.3436	0.1651
859	SLU 17	-0.65	0.72	38.62	0.0868	-5.3461	0.1794
859	SLU 18	-0.65	0.69	39.31	0.0887	-5.4389	0.1716
859	SLU 19	-0.65	0.75	39.32	0.0887	-5.4414	0.1859
859	SLU 20	-0.66	0.7	39.8	0.0898	-5.5024	0.1745
859	SLU 21	-0.66	0.76	39.81	0.0898	-5.5048	0.1887
859	SLU 22	-0.64	0.63	37.71	0.0848	-5.2268	0.1569
859	SLU 23	-0.64	0.72	37.73	0.0849	-5.231	0.1806
859	SLU 24	-0.65	0.65	38.51	0.0867	-5.331	0.1608
859	SLU 25	-0.66	0.7	38.53	0.0867	-5.3335	0.175
859	SLU 26	-0.65	0.74	38.22	0.086	-5.2944	0.1835
859	SLU 27	-0.66	0.66	39	0.0878	-5.3945	0.1637
859	SLU 28	-0.66	0.71	39.02	0.0879	-5.3969	0.1779
859	SLU 29	-0.65	0.65	38.69	0.0871	-5.3536	0.1627
859	SLU 30	-0.66	0.71	38.7	0.0871	-5.3561	0.1769
859	SLU 31	-0.69	0.84	41.65	0.0946	-5.7493	0.2093
859	SLU 32	-0.7	0.76	42.42	0.0964	-5.8494	0.1894
859	SLU 33	-0.7	0.82	42.44	0.0965	-5.8519	0.2037
859	SLU 34	-0.7	0.85	42.14	0.0957	-5.8127	0.2122
859	SLU 35	-0.7	0.77	42.91	0.0976	-5.9128	0.1923
859	SLU 36	-0.71	0.83	42.93	0.0976	-5.9153	0.2065
859	SLU 37	-0.7	0.77	42.6	0.0968	-5.872	0.1913
859	SLU 38	-0.7	0.82	42.62	0.0968	-5.8745	0.2056
859	SLU 39	-0.7	0.79	43.3	0.0987	-5.9673	0.1978
859	SLU 40	-0.7	0.85	43.32	0.0987	-5.9698	0.2121
859	SLU 41	-0.71	0.81	43.79	0.0998	-6.0307	0.2007
859	SLU 42	-0.71	0.86	43.8	0.0999	-6.0332	0.2149
859	SLU 43	-0.75	0.65	42.46	0.0938	-5.9268	0.161
859	SLU 44	-0.75	0.74	42.49	0.0938	-5.9309	0.1847
859	SLU 45	-0.76	0.66	43.26	0.0956	-6.031	0.1649
859	SLU 46	-0.77	0.72	43.28	0.0957	-6.0335	0.1791
859	SLU 47	-0.76	0.75	42.98	0.095	-5.9944	0.1876
859	SLU 48	-0.77	0.67	43.75	0.0968	-6.0944	0.1677
859	SLU 49	-0.77	0.73	43.77	0.0968	-6.0969	0.182
859	SLU 50	-0.76	0.67	43.44	0.096	-6.0536	0.1668
859	SLU 51	-0.77	0.73	43.46	0.0961	-6.0561	0.181
859	SLU 52	-0.8	0.86	46.4	0.1036	-6.4493	0.2133
859	SLU 53	-0.81	0.78	47.18	0.1054	-6.5494	0.1935
859	SLU 54	-0.81	0.83	47.19	0.1054	-6.5519	0.2077
859	SLU 55	-0.81	0.87	46.89	0.1047	-6.5127	0.2162
859	SLU 56	-0.81	0.79	47.67	0.1065	-6.6128	0.1964
859	SLU 57	-0.82	0.84	47.68	0.1066	-6.6153	0.2106
859	SLU 58	-0.81	0.78	47.35	0.1058	-6.572	0.1954
859	SLU 59	-0.81	0.84	47.37	0.1058	-6.5745	0.2096
859	SLU 60	-0.81	0.81	48.05	0.1077	-6.6673	0.2019
859	SLU 61	-0.81	0.87	48.07	0.1077	-6.6698	0.2161
859	SLU 62	-0.82	0.82	48.54	0.1088	-6.7307	0.2048
859	SLU 63	-0.82	0.88	48.56	0.1088	-6.7332	0.219
859	SLU 64	-0.8	0.75	46.45	0.1038	-6.4552	0.1872
859	SLU 65	-0.8	0.85	46.48	0.1039	-6.4593	0.2109
859	SLU 66	-0.81	0.77	47.26	0.1057	-6.5594	0.1911



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
859	SLU 67	-0.82	0.82	47.27	0.1057	-6.5619	0.2053
859	SLU 68	-0.81	0.86	46.97	0.105	-6.5227	0.2138
859	SLU 69	-0.82	0.78	47.75	0.1068	-6.6228	0.1939
859	SLU 70	-0.82	0.83	47.76	0.1069	-6.6253	0.2082
859	SLU 71	-0.81	0.77	47.43	0.1061	-6.582	0.193
859	SLU 72	-0.82	0.83	47.45	0.1061	-6.5845	0.2072
859	SLU 73	-0.85	0.96	50.39	0.1136	-6.9777	0.2395
859	SLU 74	-0.86	0.88	51.17	0.1154	-7.0778	0.2197
859	SLU 75	-0.86	0.94	51.19	0.1155	-7.0802	0.2339
859	SLU 76	-0.86	0.97	50.88	0.1147	-7.0411	0.2424
859	SLU 77	-0.86	0.89	51.66	0.1165	-7.1412	0.2226
859	SLU 78	-0.87	0.95	51.68	0.1166	-7.1437	0.2368
859	SLU 79	-0.86	0.89	51.35	0.1158	-7.1004	0.2216
859	SLU 80	-0.86	0.95	51.36	0.1158	-7.1029	0.2358
859	SLU 81	-0.86	0.92	52.04	0.1177	-7.1957	0.2281
859	SLU 82	-0.86	0.97	52.06	0.1177	-7.1982	0.2423
859	SLU 83	-0.87	0.93	52.53	0.1188	-7.2591	0.231
859	SLU 84	-0.87	0.98	52.55	0.1189	-7.2616	0.2452
859	SLE RA 1	-0.6	0.55	34.86	0.0776	-4.8494	0.1382
859	SLE RA 2	-0.61	0.62	34.87	0.0777	-4.8522	0.154
859	SLE RA 3	-0.61	0.56	35.39	0.0789	-4.9189	0.1408
859	SLE RA 4	-0.61	0.6	35.4	0.0789	-4.9205	0.1503
859	SLE RA 5	-0.61	0.63	35.2	0.0784	-4.8944	0.156
859	SLE RA 6	-0.62	0.57	35.72	0.0796	-4.9612	0.1427
859	SLE RA 7	-0.62	0.61	35.73	0.0797	-4.9628	0.1522
859	SLE RA 8	-0.61	0.57	35.51	0.0791	-4.934	0.1421
859	SLE RA 9	-0.62	0.61	35.52	0.0792	-4.9356	0.1516
859	SLE RA 10	-0.64	0.69	37.48	0.0842	-5.1977	0.1731
859	SLE RA 11	-0.64	0.64	38	0.0854	-5.2645	0.1599
859	SLE RA 12	-0.64	0.68	38.01	0.0854	-5.2661	0.1694
859	SLE RA 13	-0.64	0.7	37.81	0.0849	-5.24	0.175
859	SLE RA 14	-0.65	0.65	38.33	0.0861	-5.3067	0.1618
859	SLE RA 15	-0.65	0.69	38.34	0.0862	-5.3084	0.1713
859	SLE RA 16	-0.64	0.65	38.12	0.0856	-5.2795	0.1612
859	SLE RA 17	-0.64	0.68	38.13	0.0857	-5.2812	0.1706
859	SLE RA 18	-0.64	0.66	38.58	0.0869	-5.3431	0.1655
859	SLE RA 19	-0.65	0.7	38.59	0.0869	-5.3447	0.175
859	SLE RA 20	-0.65	0.67	38.91	0.0877	-5.3853	0.1674
859	SLE RA 21	-0.65	0.71	38.92	0.0877	-5.387	0.1769
859	SLE FR 1	-0.6	0.55	34.86	0.0776	-4.8494	0.1382
859	SLE FR 2	-0.6	0.57	34.86	0.0776	-4.85	0.1414
859	SLE FR 3	-0.6	0.56	34.99	0.0779	-4.8663	0.139
859	SLE FR 4	-0.62	0.6	35.98	0.0804	-4.9981	0.1496
859	SLE FR 5	-0.62	0.59	36.1	0.0807	-5.0144	0.1472
859	SLE FR 6	-0.62	0.61	36.72	0.0823	-5.0962	0.1519
859	SLE QP 1	-0.6	0.55	34.86	0.0776	-4.8494	0.1382
859	SLE QP 2	-0.61	0.59	35.97	0.0804	-4.9975	0.1464
859	SLD 1	2.29	1.27	44.78	0.0969	-6.0963	0.3127
859	SLD 2	2.02	0.71	45.27	0.0997	-6.1696	0.1752
859	SLD 3	2.22	-0.08	45.4	0.1012	-6.186	-0.0216
859	SLD 4	1.95	-0.63	45.88	0.104	-6.2593	-0.1591
859	SLD 5	0.42	2.92	37.6	0.0784	-5.178	0.7279
859	SLD 6	0.24	2.56	37.92	0.0803	-5.2263	0.6374
859	SLD 7	0.17	-1.55	39.64	0.0926	-5.4769	-0.3863
859	SLD 8	-0.01	-1.91	39.96	0.0944	-5.5252	-0.4769
859	SLD 9	-1.22	3.09	31.99	0.0664	-4.4698	0.7697
859	SLD 10	-1.4	2.72	32.31	0.0683	-4.5181	0.6792
859	SLD 11	-1.47	-1.38	34.03	0.0805	-4.7687	-0.3446
859	SLD 12	-1.65	-1.75	34.34	0.0824	-4.817	-0.4351
859	SLD 13	-3.18	1.8	26.07	0.0568	-3.7357	0.4519
859	SLD 14	-3.45	1.25	26.55	0.0597	-3.809	0.3144
859	SLD 15	-3.25	0.46	26.68	0.0611	-3.8254	0.1176
859	SLD 16	-3.52	-0.09	27.16	0.0639	-3.8987	-0.0199
859	SLV 1	6.19	2.12	56.62	0.1192	-7.5729	0.5218
859	SLV 2	5.55	0.83	57.74	0.1258	-7.7436	0.2016
859	SLV 3	6.02	-0.92	58	0.1288	-7.7763	-0.2355
859	SLV 4	5.38	-2.21	59.13	0.1354	-7.947	-0.5557
859	SLV 5	1.79	5.88	39.87	0.0763	-5.432	1.4631
859	SLV 6	1.38	5.04	40.6	0.0806	-5.5425	1.2559
859	SLV 7	1.23	-4.25	44.49	0.1084	-6.11	-1.0611
859	SLV 8	0.82	-5.08	45.21	0.1126	-6.2204	-1.2683
859	SLV 9	-2.05	6.26	26.73	0.0482	-3.7746	1.5611
859	SLV 10	-2.46	5.42	27.46	0.0524	-3.885	1.3539
859	SLV 11	-2.61	-3.87	31.35	0.0802	-4.4525	-0.9631
859	SLV 12	-3.02	-4.7	32.07	0.0845	-4.563	-1.1703
859	SLV 13	-6.61	3.38	12.82	0.0254	-2.048	0.8485
859	SLV 14	-7.25	2.09	13.94	0.032	-2.2187	0.5283
859	SLV 15	-6.78	0.35	14.21	0.0351	-2.2514	0.0913
859	SLV 16	-7.42	-0.94	15.33	0.0416	-2.4221	-0.2289
859	CRTFP Ux+	0	0	0	0	0	0
859	CRTFP Ux-	0	0	0	0	0	0
859	CRTFP Uy+	0	0	0	0	0	0
859	CRTFP Uy-	0	0	0	0	0	0
862	SLU 1	0.77	0.43	29.67	-0.0361	1.8246	-0.1543
862	SLU 2	0.78	0.54	29.69	-0.0361	1.8278	-0.1921
862	SLU 3	0.8	0.44	30.35	-0.0371	1.8419	-0.156
862	SLU 4	0.8	0.5	30.36	-0.0371	1.8438	-0.1787
862	SLU 5	0.8	0.54	30.1	-0.0367	1.8381	-0.1918
862	SLU 6	0.81	0.44	30.77	-0.0377	1.8522	-0.1557



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
862	SLU 7	0.82	0.5	30.78	-0.0377	1.8541	-0.1784
862	SLU 8	0.8	0.43	30.5	-0.0373	1.8452	-0.1536
862	SLU 9	0.81	0.5	30.51	-0.0374	1.8471	-0.1763
862	SLU 10	0.83	0.67	33.01	-0.0405	1.9175	-0.2365
862	SLU 11	0.85	0.56	33.67	-0.0414	1.9316	-0.2004
862	SLU 12	0.85	0.63	33.68	-0.0414	1.9335	-0.2231
862	SLU 13	0.85	0.67	33.42	-0.0411	1.9278	-0.2361
862	SLU 14	0.86	0.56	34.09	-0.0421	1.9419	-0.2
862	SLU 15	0.87	0.63	34.1	-0.0421	1.9438	-0.2227
862	SLU 16	0.85	0.56	33.82	-0.0417	1.9349	-0.198
862	SLU 17	0.86	0.62	33.83	-0.0417	1.9368	-0.2206
862	SLU 18	0.84	0.61	34.41	-0.0423	1.9528	-0.2177
862	SLU 19	0.85	0.68	34.42	-0.0423	1.9547	-0.2404
862	SLU 20	0.86	0.61	34.83	-0.0429	1.9631	-0.2173
862	SLU 21	0.87	0.68	34.84	-0.043	1.965	-0.24
862	SLU 22	0.84	0.54	33.03	-0.0404	1.9179	-0.1925
862	SLU 23	0.85	0.65	33.04	-0.0404	1.921	-0.2303
862	SLU 24	0.87	0.55	33.7	-0.0413	1.9352	-0.1942
862	SLU 25	0.87	0.61	33.71	-0.0414	1.9371	-0.2169
862	SLU 26	0.87	0.65	33.46	-0.041	1.9313	-0.2299
862	SLU 27	0.88	0.55	34.12	-0.042	1.9455	-0.1939
862	SLU 28	0.89	0.61	34.13	-0.042	1.9473	-0.2165
862	SLU 29	0.88	0.54	33.86	-0.0416	1.9384	-0.1918
862	SLU 30	0.88	0.6	33.87	-0.0416	1.9403	-0.2144
862	SLU 31	0.9	0.78	36.36	-0.0447	2.0107	-0.2747
862	SLU 32	0.92	0.67	37.02	-0.0457	2.0249	-0.2386
862	SLU 33	0.93	0.74	37.03	-0.0457	2.0268	-0.2613
862	SLU 34	0.92	0.77	36.77	-0.0454	2.021	-0.2743
862	SLU 35	0.94	0.67	37.44	-0.0463	2.0352	-0.2382
862	SLU 36	0.94	0.74	37.45	-0.0463	2.0371	-0.2609
862	SLU 37	0.93	0.67	37.17	-0.046	2.0282	-0.2361
862	SLU 38	0.93	0.73	37.18	-0.046	2.03	-0.2588
862	SLU 39	0.91	0.72	37.77	-0.0466	2.046	-0.2559
862	SLU 40	0.92	0.79	37.78	-0.0466	2.0479	-0.2786
862	SLU 41	0.93	0.72	38.18	-0.0472	2.0563	-0.2555
862	SLU 42	0.94	0.79	38.19	-0.0472	2.0582	-0.2782
862	SLU 43	0.98	0.53	37.43	-0.0455	2.3401	-0.1875
862	SLU 44	0.99	0.63	37.44	-0.0455	2.3432	-0.2253
862	SLU 45	1	0.53	38.1	-0.0464	2.3574	-0.1892
862	SLU 46	1.01	0.6	38.11	-0.0465	2.3592	-0.2119
862	SLU 47	1	0.63	37.86	-0.0461	2.3535	-0.225
862	SLU 48	1.02	0.53	38.52	-0.0471	2.3677	-0.1889
862	SLU 49	1.03	0.59	38.53	-0.0471	2.3695	-0.2116
862	SLU 50	1.01	0.52	38.26	-0.0467	2.3606	-0.1868
862	SLU 51	1.02	0.59	38.27	-0.0467	2.3625	-0.2095
862	SLU 52	1.04	0.76	40.76	-0.0498	2.4329	-0.2697
862	SLU 53	1.05	0.66	41.42	-0.0508	2.4471	-0.2336
862	SLU 54	1.06	0.72	41.43	-0.0508	2.449	-0.2563
862	SLU 55	1.06	0.76	41.17	-0.0505	2.4432	-0.2693
862	SLU 56	1.07	0.66	41.84	-0.0514	2.4574	-0.2332
862	SLU 57	1.08	0.72	41.85	-0.0514	2.4592	-0.2559
862	SLU 58	1.06	0.65	41.57	-0.0511	2.4503	-0.2312
862	SLU 59	1.07	0.71	41.58	-0.0511	2.4522	-0.2538
862	SLU 60	1.05	0.71	42.17	-0.0517	2.4682	-0.2509
862	SLU 61	1.06	0.77	42.18	-0.0517	2.4701	-0.2736
862	SLU 62	1.07	0.71	42.58	-0.0523	2.4785	-0.2505
862	SLU 63	1.07	0.77	42.59	-0.0523	2.4804	-0.2732
862	SLU 64	1.05	0.63	40.78	-0.0497	2.4333	-0.2257
862	SLU 65	1.06	0.74	40.79	-0.0498	2.4364	-0.2635
862	SLU 66	1.07	0.64	41.46	-0.0507	2.4506	-0.2274
862	SLU 67	1.08	0.7	41.47	-0.0507	2.4525	-0.2501
862	SLU 68	1.08	0.74	41.21	-0.0504	2.4467	-0.2631
862	SLU 69	1.09	0.64	41.87	-0.0513	2.4609	-0.2271
862	SLU 70	1.1	0.7	41.88	-0.0514	2.4628	-0.2497
862	SLU 71	1.08	0.63	41.61	-0.051	2.4539	-0.225
862	SLU 72	1.09	0.7	41.62	-0.051	2.4558	-0.2476
862	SLU 73	1.11	0.87	44.11	-0.0541	2.5261	-0.3079
862	SLU 74	1.12	0.77	44.78	-0.0551	2.5403	-0.2718
862	SLU 75	1.13	0.83	44.79	-0.0551	2.5422	-0.2945
862	SLU 76	1.13	0.87	44.53	-0.0547	2.5364	-0.3075
862	SLU 77	1.14	0.76	45.19	-0.0557	2.5506	-0.2714
862	SLU 78	1.15	0.83	45.2	-0.0557	2.5525	-0.2941
862	SLU 79	1.13	0.76	44.93	-0.0553	2.5436	-0.2693
862	SLU 80	1.14	0.82	44.94	-0.0553	2.5455	-0.292
862	SLU 81	1.12	0.82	45.52	-0.0559	2.5614	-0.2891
862	SLU 82	1.13	0.88	45.53	-0.056	2.5633	-0.3118
862	SLU 83	1.14	0.81	45.93	-0.0566	2.5717	-0.2887
862	SLU 84	1.14	0.88	45.94	-0.0566	2.5736	-0.3114
862	SLE RA 1	0.79	0.46	30.63	-0.0373	1.8513	-0.1652
862	SLE RA 2	0.8	0.54	30.64	-0.0373	1.8534	-0.1904
862	SLE RA 3	0.81	0.47	31.08	-0.038	1.8628	-0.1664
862	SLE RA 4	0.81	0.51	31.09	-0.038	1.8641	-0.1815
862	SLE RA 5	0.81	0.54	30.92	-0.0377	1.8602	-0.1902
862	SLE RA 6	0.82	0.47	31.36	-0.0384	1.8697	-0.1661
862	SLE RA 7	0.82	0.51	31.37	-0.0384	1.8709	-0.1813
862	SLE RA 8	0.81	0.46	31.18	-0.0381	1.865	-0.1647
862	SLE RA 9	0.82	0.51	31.19	-0.0382	1.8662	-0.1799
862	SLE RA 10	0.83	0.62	32.85	-0.0402	1.9132	-0.22
862	SLE RA 11	0.84	0.55	33.3	-0.0409	1.9226	-0.196



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
862	SLE RA 12	0.85	0.59	33.3	-0.0409	1.9239	-0.2111
862	SLE RA 13	0.84	0.62	33.13	-0.0406	1.92	-0.2198
862	SLE RA 14	0.85	0.55	33.57	-0.0413	1.9295	-0.1957
862	SLE RA 15	0.86	0.59	33.58	-0.0413	1.9307	-0.2108
862	SLE RA 16	0.85	0.55	33.4	-0.041	1.9248	-0.1943
862	SLE RA 17	0.85	0.59	33.4	-0.0411	1.9261	-0.2094
862	SLE RA 18	0.84	0.58	33.79	-0.0415	1.9367	-0.2075
862	SLE RA 19	0.84	0.63	33.8	-0.0415	1.938	-0.2226
862	SLE RA 20	0.85	0.58	34.07	-0.0419	1.9436	-0.2072
862	SLE RA 21	0.85	0.63	34.07	-0.0419	1.9448	-0.2224
862	SLE FR 1	0.79	0.46	30.63	-0.0373	1.8513	-0.1652
862	SLE FR 2	0.79	0.48	30.63	-0.0373	1.8517	-0.1703
862	SLE FR 3	0.79	0.46	30.74	-0.0375	1.854	-0.1651
862	SLE FR 4	0.81	0.51	31.58	-0.0386	1.8773	-0.1829
862	SLE FR 5	0.81	0.5	31.69	-0.0387	1.8796	-0.1778
862	SLE FR 6	0.81	0.52	32.21	-0.0394	1.894	-0.1863
862	SLE QP 1	0.79	0.46	30.63	-0.0373	1.8513	-0.1652
862	SLE QP 2	0.8	0.5	31.58	-0.0386	1.8769	-0.1779
862	SLD 1	1.98	1.11	23.74	-0.0265	1.6939	-0.3922
862	SLD 2	1.65	1.77	23.32	-0.0283	1.641	-0.6225
862	SLD 3	2.41	-0.38	24.41	-0.0233	1.7645	0.1282
862	SLD 4	2.08	0.28	23.98	-0.0251	1.7116	-0.1021
862	SLD 5	0.56	2.82	28.29	-0.0394	1.7244	-0.9903
862	SLD 6	0.35	3.26	28.01	-0.0406	1.6896	-1.1419
862	SLD 7	1.99	-2.14	30.52	-0.0288	1.9598	0.7446
862	SLD 8	1.78	-1.71	30.23	-0.03	1.9249	0.5929
862	SLD 9	-0.17	2.71	32.92	-0.0471	1.8289	-0.9487
862	SLD 10	-0.38	3.14	32.64	-0.0483	1.794	-1.1003
862	SLD 11	1.26	-2.26	35.15	-0.0365	2.0643	0.7861
862	SLD 12	1.05	-1.82	34.86	-0.0377	2.0294	0.6345
862	SLD 13	-0.47	0.72	39.18	-0.052	2.0422	-0.2537
862	SLD 14	-0.8	1.38	38.75	-0.0538	1.9893	-0.484
862	SLD 15	-0.04	-0.77	39.84	-0.0488	2.1128	0.2668
862	SLD 16	-0.37	-0.11	39.42	-0.0506	2.0599	0.0365
862	SLV 1	3.56	1.87	13.26	-0.0102	1.454	-0.6619
862	SLV 2	2.81	3.41	12.27	-0.0144	1.3308	-1.1982
862	SLV 3	4.54	-1.51	14.77	-0.003	1.6138	0.518
862	SLV 4	3.78	0.03	13.77	-0.0072	1.4906	-0.0183
862	SLV 5	0.28	5.77	23.97	-0.0402	1.529	-2.0194
862	SLV 6	-0.2	6.77	23.33	-0.0429	1.4493	-2.3664
862	SLV 7	3.53	-5.49	28.99	-0.0162	2.0617	1.9133
862	SLV 8	3.05	-4.5	28.35	-0.0189	1.982	1.5663
862	SLV 9	-1.44	5.5	34.81	-0.0582	1.7718	-1.9221
862	SLV 10	-1.92	6.49	34.17	-0.0609	1.6921	-2.2691
862	SLV 11	1.81	-5.76	39.83	-0.0342	2.3045	2.0106
862	SLV 12	1.32	-4.77	39.19	-0.0369	2.2248	1.6636
862	SLV 13	-2.17	0.97	49.38	-0.0699	2.2632	-0.3374
862	SLV 14	-2.93	2.51	48.39	-0.0741	2.1401	-0.8737
862	SLV 15	-1.2	-2.41	50.89	-0.0627	2.423	0.8424
862	SLV 16	-1.95	-0.87	49.9	-0.0669	2.2999	0.3061
862	CRTFP Ux+	0	0	0	0	0	0
862	CRTFP Ux-	0	0	0	0	0	0
862	CRTFP Uy+	0	0	0	0	0	0
862	CRTFP Uy-	0	0	0	0	0	0
864	SLU 1	1.42	0.12	57.87	-1.5789	0.4988	0.0357
864	SLU 2	1.42	0.2	57.88	-1.5793	0.4973	0.0355
864	SLU 3	1.46	0.12	59.24	-1.6161	0.5141	0.0366
864	SLU 4	1.46	0.17	59.24	-1.6163	0.5131	0.0366
864	SLU 5	1.45	0.2	58.71	-1.6018	0.5058	0.0362
864	SLU 6	1.48	0.12	60.07	-1.6387	0.5227	0.0372
864	SLU 7	1.48	0.17	60.07	-1.6389	0.5217	0.0372
864	SLU 8	1.47	0.11	59.53	-1.624	0.516	0.0369
864	SLU 9	1.47	0.16	59.53	-1.6242	0.5151	0.0368
864	SLU 10	1.52	0.28	65.04	-1.7745	0.5749	0.0374
864	SLU 11	1.55	0.2	66.4	-1.8113	0.5917	0.0384
864	SLU 12	1.56	0.25	66.4	-1.8116	0.5908	0.0384
864	SLU 13	1.55	0.28	65.87	-1.7971	0.5835	0.038
864	SLU 14	1.58	0.2	67.23	-1.8339	0.6003	0.0391
864	SLU 15	1.58	0.25	67.23	-1.8341	0.5994	0.039
864	SLU 16	1.57	0.19	66.69	-1.8192	0.5936	0.0387
864	SLU 17	1.57	0.24	66.69	-1.8195	0.5927	0.0386
864	SLU 18	1.56	0.23	68.1	-1.8578	0.6097	0.0383
864	SLU 19	1.56	0.28	68.11	-1.8581	0.6088	0.0382
864	SLU 20	1.58	0.23	68.93	-1.8804	0.6183	0.0389
864	SLU 21	1.59	0.28	68.93	-1.8806	0.6174	0.0388
864	SLU 22	1.53	0.22	65.05	-1.7741	0.5773	0.0383
864	SLU 23	1.53	0.3	65.06	-1.7745	0.5758	0.0382
864	SLU 24	1.57	0.22	66.42	-1.8113	0.5926	0.0393
864	SLU 25	1.57	0.27	66.42	-1.8115	0.5916	0.0392
864	SLU 26	1.56	0.3	65.88	-1.797	0.5844	0.0388
864	SLU 27	1.59	0.22	67.24	-1.8338	0.6012	0.0399
864	SLU 28	1.6	0.27	67.25	-1.8341	0.6002	0.0398
864	SLU 29	1.58	0.21	66.7	-1.8192	0.5945	0.0395
864	SLU 30	1.58	0.26	66.71	-1.8194	0.5936	0.0395
864	SLU 31	1.63	0.38	72.22	-1.9697	0.6534	0.04
864	SLU 32	1.66	0.3	73.58	-2.0065	0.6702	0.0411
864	SLU 33	1.67	0.35	73.58	-2.0068	0.6693	0.041
864	SLU 34	1.66	0.38	73.04	-1.9923	0.662	0.0406
864	SLU 35	1.69	0.3	74.4	-2.0291	0.6788	0.0417



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
864	SLU 36	1.69	0.35	74.41	-2.0293	0.6779	0.0416
864	SLU 37	1.68	0.29	73.86	-2.0144	0.6722	0.0414
864	SLU 38	1.68	0.34	73.87	-2.0147	0.6712	0.0413
864	SLU 39	1.67	0.33	75.28	-2.053	0.6882	0.0409
864	SLU 40	1.67	0.38	75.28	-2.0532	0.6873	0.0408
864	SLU 41	1.69	0.33	76.11	-2.0755	0.6968	0.0415
864	SLU 42	1.7	0.38	76.11	-2.0758	0.6959	0.0415
864	SLU 43	1.8	0.12	72.78	-1.9857	0.6215	0.0454
864	SLU 44	1.81	0.2	72.78	-1.9861	0.62	0.0453
864	SLU 45	1.84	0.12	74.14	-2.0229	0.6368	0.0464
864	SLU 46	1.84	0.17	74.14	-2.0231	0.6359	0.0463
864	SLU 47	1.84	0.2	73.61	-2.0086	0.6286	0.046
864	SLU 48	1.87	0.12	74.97	-2.0454	0.6454	0.047
864	SLU 49	1.87	0.17	74.97	-2.0456	0.6445	0.047
864	SLU 50	1.86	0.11	74.43	-2.0307	0.6387	0.0467
864	SLU 51	1.86	0.16	74.43	-2.031	0.6378	0.0466
864	SLU 52	1.91	0.28	79.94	-2.1813	0.6976	0.0472
864	SLU 53	1.94	0.2	81.3	-2.2181	0.7144	0.0482
864	SLU 54	1.94	0.25	81.31	-2.2183	0.7135	0.0482
864	SLU 55	1.93	0.28	80.77	-2.2038	0.7062	0.0478
864	SLU 56	1.97	0.2	82.13	-2.2406	0.723	0.0488
864	SLU 57	1.97	0.25	82.13	-2.2409	0.7221	0.0488
864	SLU 58	1.96	0.19	81.59	-2.226	0.7164	0.0485
864	SLU 59	1.96	0.24	81.59	-2.2262	0.7154	0.0484
864	SLU 60	1.94	0.23	83.01	-2.2646	0.7325	0.048
864	SLU 61	1.95	0.28	83.01	-2.2648	0.7315	0.048
864	SLU 62	1.97	0.23	83.83	-2.2871	0.7411	0.0487
864	SLU 63	1.97	0.28	83.83	-2.2873	0.7401	0.0486
864	SLU 64	1.92	0.22	79.95	-2.1808	0.7	0.0481
864	SLU 65	1.92	0.3	79.96	-2.1812	0.6985	0.048
864	SLU 66	1.95	0.22	81.32	-2.2181	0.7153	0.0491
864	SLU 67	1.96	0.27	81.32	-2.2183	0.7144	0.049
864	SLU 68	1.95	0.3	80.78	-2.2038	0.7071	0.0486
864	SLU 69	1.98	0.22	82.14	-2.2406	0.7239	0.0497
864	SLU 70	1.98	0.27	82.15	-2.2408	0.723	0.0496
864	SLU 71	1.97	0.21	81.6	-2.2259	0.7172	0.0493
864	SLU 72	1.97	0.26	81.61	-2.2262	0.7163	0.0493
864	SLU 73	2.02	0.38	87.12	-2.3765	0.7761	0.0498
864	SLU 74	2.05	0.3	88.48	-2.4133	0.7929	0.0509
864	SLU 75	2.05	0.35	88.48	-2.4135	0.792	0.0508
864	SLU 76	2.04	0.38	87.94	-2.399	0.7847	0.0504
864	SLU 77	2.08	0.3	89.3	-2.4358	0.8015	0.0515
864	SLU 78	2.08	0.35	89.31	-2.4361	0.8006	0.0514
864	SLU 79	2.07	0.29	88.76	-2.4212	0.7949	0.0512
864	SLU 80	2.07	0.34	88.77	-2.4214	0.7939	0.0511
864	SLU 81	2.05	0.33	90.18	-2.4598	0.811	0.0507
864	SLU 82	2.06	0.38	90.19	-2.46	0.81	0.0506
864	SLU 83	2.08	0.33	91.01	-2.4823	0.8196	0.0513
864	SLU 84	2.08	0.38	91.01	-2.4825	0.8186	0.0512
864	SLE RA 1	1.45	0.15	59.93	-1.6347	0.5212	0.0364
864	SLE RA 2	1.45	0.2	59.93	-1.6349	0.5202	0.0363
864	SLE RA 3	1.47	0.15	60.84	-1.6595	0.5314	0.0371
864	SLE RA 4	1.48	0.18	60.84	-1.6596	0.5308	0.037
864	SLE RA 5	1.47	0.2	60.48	-1.65	0.5259	0.0368
864	SLE RA 6	1.49	0.15	61.39	-1.6745	0.5371	0.0375
864	SLE RA 7	1.49	0.18	61.39	-1.6747	0.5365	0.0374
864	SLE RA 8	1.48	0.14	61.03	-1.6647	0.5327	0.0372
864	SLE RA 9	1.49	0.18	61.03	-1.6649	0.5321	0.0372
864	SLE RA 10	1.52	0.26	64.7	-1.7651	0.572	0.0376
864	SLE RA 11	1.54	0.2	65.61	-1.7896	0.5832	0.0383
864	SLE RA 12	1.54	0.24	65.61	-1.7898	0.5826	0.0382
864	SLE RA 13	1.53	0.25	65.25	-1.7801	0.5777	0.038
864	SLE RA 14	1.56	0.2	66.16	-1.8047	0.5889	0.0387
864	SLE RA 15	1.56	0.23	66.16	-1.8048	0.5883	0.0386
864	SLE RA 16	1.55	0.19	65.8	-1.7949	0.5845	0.0385
864	SLE RA 17	1.55	0.23	65.8	-1.795	0.5838	0.0384
864	SLE RA 18	1.54	0.22	66.75	-1.8206	0.5952	0.0381
864	SLE RA 19	1.54	0.26	66.75	-1.8208	0.5946	0.0381
864	SLE RA 20	1.56	0.22	67.3	-1.8356	0.6009	0.0386
864	SLE RA 21	1.56	0.25	67.3	-1.8358	0.6003	0.0385
864	SLE FR 1	1.45	0.15	59.93	-1.6347	0.5212	0.0364
864	SLE FR 2	1.45	0.16	59.93	-1.6347	0.521	0.0364
864	SLE FR 3	1.46	0.15	60.15	-1.6407	0.5235	0.0366
864	SLE FR 4	1.48	0.18	61.97	-1.6905	0.5432	0.0369
864	SLE FR 5	1.48	0.17	62.19	-1.6965	0.5457	0.0371
864	SLE FR 6	1.5	0.18	63.34	-1.7276	0.5582	0.0373
864	SLE QP 1	1.45	0.15	59.93	-1.6347	0.5212	0.0364
864	SLE QP 2	1.48	0.17	61.97	-1.6905	0.5434	0.0369
864	SLD 1	6.71	0.89	56.32	-1.554	0.461	0.1461
864	SLD 2	6.22	1.31	55.68	-1.5368	0.4712	0.1412
864	SLD 3	6.76	-0.59	57.48	-1.5807	0.5073	0.1485
864	SLD 4	6.27	-0.17	56.84	-1.5635	0.5175	0.1436
864	SLD 5	3.05	2.55	58.63	-1.6122	0.4466	0.067
864	SLD 6	2.73	2.83	58.21	-1.6009	0.4533	0.0637
864	SLD 7	3.23	-2.38	62.5	-1.701	0.601	0.0749
864	SLD 8	2.91	-2.1	62.08	-1.6897	0.6077	0.0716
864	SLD 9	0.04	2.44	61.86	-1.6912	0.4791	0.0022
864	SLD 10	-0.28	2.72	61.44	-1.6799	0.4858	-0.001
864	SLD 11	0.22	-2.49	65.73	-1.7801	0.6335	0.0101



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
864	SLD 12	-0.1	-2.22	65.31	-1.7687	0.6402	0.0069
864	SLD 13	-3.32	0.5	67.1	-1.8174	0.5693	-0.0697
864	SLD 14	-3.81	0.93	66.46	-1.8002	0.5795	-0.0747
864	SLD 15	-3.27	-0.98	68.26	-1.8441	0.6156	-0.0673
864	SLD 16	-3.75	-0.55	67.62	-1.8269	0.6259	-0.0723
864	SLV 1	13.71	1.81	48.78	-1.3719	0.3499	0.2925
864	SLV 2	12.58	2.79	47.29	-1.3318	0.3737	0.281
864	SLV 3	13.84	-1.55	51.4	-1.4321	0.4551	0.2979
864	SLV 4	12.7	-0.56	49.91	-1.392	0.4789	0.2864
864	SLV 5	5.15	5.58	54.3	-1.5106	0.3216	0.1074
864	SLV 6	4.42	6.21	53.33	-1.4846	0.337	0.0999
864	SLV 7	5.58	-5.6	63.04	-1.7112	0.6724	0.1254
864	SLV 8	4.84	-4.97	62.07	-1.6852	0.6878	0.118
864	SLV 9	-1.89	5.31	61.87	-1.6957	0.3991	-0.0441
864	SLV 10	-2.62	5.94	60.9	-1.6697	0.4145	-0.0516
864	SLV 11	-1.46	-5.88	70.61	-1.8963	0.7498	-0.0261
864	SLV 12	-2.2	-5.24	69.65	-1.8703	0.7652	-0.0335
864	SLV 13	-9.75	0.9	74.03	-1.9889	0.6079	-0.2125
864	SLV 14	-10.88	1.88	72.54	-1.9488	0.6317	-0.224
864	SLV 15	-9.62	-2.45	76.65	-2.0491	0.7132	-0.2071
864	SLV 16	-10.76	-1.47	75.16	-2.009	0.737	-0.2186
864	CRTFP Ux+	0	0	0	0	0	0
864	CRTFP Ux-	0	0	0	0	0	0
864	CRTFP Uy+	0	0	0	0	0	0
864	CRTFP Uy-	0	0	0	0	0	0
881	SLU 1	-0.21	0.95	60.55	0.0671	0.953	0.0118
881	SLU 2	-0.21	1.02	60.52	0.0665	0.9544	0.0119
881	SLU 3	-0.21	0.99	61.93	0.0689	0.9758	0.012
881	SLU 4	-0.22	1.03	61.92	0.0686	0.9767	0.012
881	SLU 5	-0.21	1.03	61.35	0.0674	0.9681	0.0119
881	SLU 6	-0.21	1	62.75	0.0698	0.9895	0.012
881	SLU 7	-0.21	1.04	62.74	0.0694	0.9903	0.012
881	SLU 8	-0.2	0.98	62.19	0.0689	0.9803	0.0118
881	SLU 9	-0.21	1.02	62.18	0.0685	0.9812	0.0118
881	SLU 10	-0.25	1.16	68.36	0.0738	1.0888	0.0139
881	SLU 11	-0.25	1.13	69.76	0.0762	1.1102	0.014
881	SLU 12	-0.25	1.17	69.75	0.0758	1.111	0.0141
881	SLU 13	-0.24	1.18	69.18	0.0747	1.1024	0.0139
881	SLU 14	-0.24	1.14	70.58	0.0771	1.1238	0.0141
881	SLU 15	-0.24	1.19	70.57	0.0767	1.1247	0.0141
881	SLU 16	-0.24	1.12	70.02	0.0761	1.1147	0.0138
881	SLU 17	-0.24	1.16	70.01	0.0758	1.1155	0.0139
881	SLU 18	-0.26	1.15	71.74	0.0775	1.1449	0.0147
881	SLU 19	-0.26	1.2	71.72	0.0772	1.1458	0.0148
881	SLU 20	-0.26	1.17	72.56	0.0784	1.1586	0.0147
881	SLU 21	-0.26	1.21	72.55	0.078	1.1594	0.0148
881	SLU 22	-0.25	1.19	68.45	0.0759	1.0872	0.0135
881	SLU 23	-0.25	1.26	68.43	0.0754	1.0886	0.0136
881	SLU 24	-0.25	1.23	69.83	0.0777	1.11	0.0137
881	SLU 25	-0.25	1.27	69.82	0.0774	1.1109	0.0138
881	SLU 26	-0.24	1.27	69.25	0.0762	1.1023	0.0136
881	SLU 27	-0.24	1.24	70.65	0.0786	1.1237	0.0137
881	SLU 28	-0.24	1.28	70.64	0.0783	1.1245	0.0138
881	SLU 29	-0.24	1.21	70.09	0.0777	1.1145	0.0135
881	SLU 30	-0.24	1.26	70.08	0.0774	1.1154	0.0136
881	SLU 31	-0.28	1.4	76.26	0.0826	1.2229	0.0157
881	SLU 32	-0.28	1.37	77.66	0.085	1.2444	0.0158
881	SLU 33	-0.28	1.41	77.65	0.0847	1.2452	0.0159
881	SLU 34	-0.28	1.41	77.08	0.0835	1.2366	0.0157
881	SLU 35	-0.28	1.38	78.49	0.0859	1.258	0.0158
881	SLU 36	-0.28	1.42	78.47	0.0855	1.2589	0.0159
881	SLU 37	-0.27	1.36	77.93	0.085	1.2489	0.0156
881	SLU 38	-0.27	1.4	77.91	0.0846	1.2497	0.0157
881	SLU 39	-0.29	1.39	79.64	0.0863	1.2791	0.0165
881	SLU 40	-0.29	1.43	79.63	0.086	1.28	0.0165
881	SLU 41	-0.29	1.4	80.46	0.0872	1.2928	0.0165
881	SLU 42	-0.29	1.45	80.45	0.0869	1.2936	0.0166
881	SLU 43	-0.27	1.16	76	0.0842	1.1929	0.0147
881	SLU 44	-0.27	1.22	75.98	0.0836	1.1943	0.0148
881	SLU 45	-0.27	1.19	77.38	0.086	1.2157	0.0149
881	SLU 46	-0.27	1.24	77.37	0.0857	1.2166	0.015
881	SLU 47	-0.26	1.24	76.8	0.0845	1.208	0.0148
881	SLU 48	-0.26	1.21	78.2	0.0869	1.2294	0.0149
881	SLU 49	-0.26	1.25	78.19	0.0865	1.2302	0.015
881	SLU 50	-0.26	1.18	77.64	0.086	1.2202	0.0147
881	SLU 51	-0.26	1.22	77.63	0.0856	1.2211	0.0147
881	SLU 52	-0.3	1.37	83.81	0.0909	1.3286	0.0169
881	SLU 53	-0.3	1.34	85.22	0.0933	1.3501	0.017
881	SLU 54	-0.3	1.38	85.2	0.0929	1.3509	0.017
881	SLU 55	-0.3	1.38	84.63	0.0918	1.3423	0.0169
881	SLU 56	-0.3	1.35	86.04	0.0942	1.3637	0.017
881	SLU 57	-0.3	1.39	86.03	0.0938	1.3646	0.017
881	SLU 58	-0.29	1.32	85.48	0.0932	1.3546	0.0168
881	SLU 59	-0.29	1.36	85.47	0.0929	1.3554	0.0168
881	SLU 60	-0.31	1.36	87.19	0.0946	1.3848	0.0176
881	SLU 61	-0.31	1.4	87.18	0.0943	1.3857	0.0177
881	SLU 62	-0.31	1.37	88.01	0.0955	1.3985	0.0176
881	SLU 63	-0.31	1.41	88	0.0951	1.3993	0.0177
881	SLU 64	-0.3	1.39	83.9	0.093	1.3271	0.0164



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
881	SLU 65	-0.3	1.46	83.88	0.0925	1.3285	0.0165
881	SLU 66	-0.3	1.43	85.29	0.0948	1.3499	0.0167
881	SLU 67	-0.3	1.47	85.27	0.0945	1.3508	0.0167
881	SLU 68	-0.3	1.47	84.7	0.0933	1.3422	0.0166
881	SLU 69	-0.3	1.44	86.11	0.0957	1.3636	0.0167
881	SLU 70	-0.3	1.49	86.1	0.0954	1.3644	0.0167
881	SLU 71	-0.29	1.42	85.55	0.0948	1.3544	0.0164
881	SLU 72	-0.29	1.46	85.53	0.0945	1.3553	0.0165
881	SLU 73	-0.33	1.6	91.71	0.0997	1.4628	0.0186
881	SLU 74	-0.33	1.57	93.12	0.1021	1.4843	0.0187
881	SLU 75	-0.33	1.62	93.11	0.1018	1.4851	0.0188
881	SLU 76	-0.33	1.62	92.54	0.1006	1.4765	0.0186
881	SLU 77	-0.33	1.59	93.94	0.103	1.4979	0.0187
881	SLU 78	-0.33	1.63	93.93	0.1026	1.4988	0.0188
881	SLU 79	-0.32	1.56	93.38	0.1021	1.4888	0.0185
881	SLU 80	-0.32	1.6	93.37	0.1017	1.4896	0.0186
881	SLU 81	-0.35	1.6	95.09	0.1034	1.519	0.0194
881	SLU 82	-0.35	1.64	95.08	0.1031	1.5199	0.0195
881	SLU 83	-0.34	1.61	95.92	0.1043	1.5327	0.0194
881	SLU 84	-0.34	1.65	95.9	0.104	1.5335	0.0195
881	SLE RA 1	-0.22	1.02	62.8	0.0696	0.9914	0.0123
881	SLE RA 2	-0.22	1.07	62.79	0.0692	0.9923	0.0123
881	SLE RA 3	-0.22	1.04	63.73	0.0708	1.0066	0.0124
881	SLE RA 4	-0.22	1.07	63.72	0.0706	1.0071	0.0124
881	SLE RA 5	-0.22	1.07	63.34	0.0698	1.0014	0.0123
881	SLE RA 6	-0.22	1.05	64.27	0.0714	1.0157	0.0124
881	SLE RA 7	-0.22	1.08	64.27	0.0712	1.0162	0.0125
881	SLE RA 8	-0.22	1.04	63.9	0.0708	1.0096	0.0123
881	SLE RA 9	-0.22	1.06	63.89	0.0706	1.0101	0.0123
881	SLE RA 10	-0.25	1.16	68.01	0.0741	1.0818	0.0137
881	SLE RA 11	-0.25	1.14	68.95	0.0757	1.0961	0.0138
881	SLE RA 12	-0.25	1.17	68.94	0.0754	1.0967	0.0138
881	SLE RA 13	-0.24	1.17	68.56	0.0747	1.091	0.0137
881	SLE RA 14	-0.24	1.15	69.5	0.0762	1.1052	0.0138
881	SLE RA 15	-0.24	1.18	69.49	0.076	1.1058	0.0138
881	SLE RA 16	-0.24	1.13	69.12	0.0756	1.0991	0.0136
881	SLE RA 17	-0.24	1.16	69.11	0.0754	1.0997	0.0137
881	SLE RA 18	-0.25	1.15	70.26	0.0765	1.1193	0.0142
881	SLE RA 19	-0.25	1.18	70.26	0.0763	1.1199	0.0143
881	SLE RA 20	-0.25	1.16	70.81	0.0771	1.1284	0.0142
881	SLE RA 21	-0.25	1.19	70.8	0.0769	1.129	0.0143
881	SLE FR 1	-0.22	1.02	62.8	0.0696	0.9914	0.0123
881	SLE FR 2	-0.22	1.03	62.8	0.0695	0.9915	0.0123
881	SLE FR 3	-0.22	1.02	63.02	0.0698	0.995	0.0123
881	SLE FR 4	-0.23	1.07	65.04	0.0716	1.0299	0.0129
881	SLE FR 5	-0.23	1.06	65.26	0.0719	1.0334	0.0129
881	SLE FR 6	-0.24	1.09	66.53	0.0731	1.0553	0.0132
881	SLE QP 1	-0.22	1.02	62.8	0.0696	0.9914	0.0123
881	SLE QP 2	-0.23	1.06	65.04	0.0717	1.0297	0.0129
881	SLD 1	5.89	2.32	70.28	0.0837	1.2667	-0.056
881	SLD 2	5.36	2.11	70.03	0.084	1.2614	-0.0426
881	SLD 3	5.79	0.54	71.35	0.0956	1.249	-0.0578
881	SLD 4	5.26	0.33	71.1	0.0959	1.2437	-0.0445
881	SLD 5	1.86	4.17	65.03	0.0572	1.1286	-0.0074
881	SLD 6	1.5	4.03	64.86	0.0574	1.1251	0.0014
881	SLD 7	1.52	-1.76	68.61	0.0968	1.0696	-0.0135
881	SLD 8	1.17	-1.89	68.44	0.097	1.0662	-0.0047
881	SLD 9	-1.63	4.01	61.64	0.0463	0.9933	0.0304
881	SLD 10	-1.98	3.88	61.47	0.0465	0.9898	0.0392
881	SLD 11	-1.97	-1.91	65.22	0.086	0.9344	0.0243
881	SLD 12	-2.32	-2.05	65.05	0.0862	0.9309	0.0331
881	SLD 13	-5.72	1.79	58.98	0.0475	0.8158	0.0702
881	SLD 14	-6.26	1.58	58.73	0.0477	0.8105	0.0835
881	SLD 15	-5.83	0.01	60.06	0.0593	0.7981	0.0683
881	SLD 16	-6.36	-0.2	59.8	0.0596	0.7928	0.0817
881	SLV 1	14.1	3.94	77.35	0.1005	1.5841	-0.1481
881	SLV 2	12.85	3.46	76.75	0.1012	1.5718	-0.117
881	SLV 3	13.87	-0.09	79.78	0.1274	1.5439	-0.1524
881	SLV 4	12.62	-0.57	79.18	0.1281	1.5316	-0.1213
881	SLV 5	4.64	8.11	65.15	0.0393	1.2591	-0.0343
881	SLV 6	3.83	7.81	64.76	0.0398	1.2511	-0.0143
881	SLV 7	3.86	-5.31	73.25	0.1292	1.1252	-0.0486
881	SLV 8	3.05	-5.62	72.87	0.1296	1.1173	-0.0285
881	SLV 9	-3.52	7.74	57.21	0.0138	0.9422	0.0542
881	SLV 10	-4.32	7.43	56.83	0.0142	0.9342	0.0743
881	SLV 11	-4.3	-5.69	65.32	0.1036	0.8084	0.04
881	SLV 12	-5.1	-6	64.93	0.104	0.8004	0.06
881	SLV 13	-13.09	2.69	50.9	0.0153	0.5279	0.147
881	SLV 14	-14.33	2.21	50.3	0.0159	0.5155	0.1781
881	SLV 15	-13.32	-1.34	53.33	0.0422	0.4877	0.1428
881	SLV 16	-14.56	-1.82	52.74	0.0429	0.4754	0.1738
881	CRTFP Ux+	0	0	0	0	0	0
881	CRTFP Ux-	0	0	0	0	0	0
884	SLU 1	0.47	1.78	59	0.0784	-0.8462	-0.0174
884	SLU 2	0.47	1.86	58.98	0.0779	-0.8474	-0.0175
884	SLU 3	0.49	1.84	60.38	0.0806	-0.8672	-0.0179
884	SLU 4	0.49	1.88	60.36	0.0803	-0.8679	-0.018
884	SLU 5	0.49	1.88	59.82	0.0791	-0.8606	-0.0179
884	SLU 6	0.5	1.87	61.21	0.0818	-0.8804	-0.0183



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
884	SLU 7	0.5	1.91	61.2	0.0815	-0.8811	-0.0184
884	SLU 8	0.5	1.83	60.67	0.0808	-0.8726	-0.0182
884	SLU 9	0.5	1.88	60.66	0.0804	-0.8733	-0.0182
884	SLU 10	0.51	2.09	66.66	0.0862	-0.9706	-0.0182
884	SLU 11	0.52	2.07	68.06	0.0889	-0.9905	-0.0186
884	SLU 12	0.52	2.12	68.04	0.0886	-0.9912	-0.0187
884	SLU 13	0.52	2.11	67.5	0.0874	-0.9838	-0.0186
884	SLU 14	0.53	2.1	68.89	0.0901	-1.0037	-0.019
884	SLU 15	0.54	2.14	68.88	0.0898	-1.0044	-0.019
884	SLU 16	0.53	2.07	68.35	0.0891	-0.9959	-0.0189
884	SLU 17	0.53	2.11	68.34	0.0887	-0.9966	-0.0189
884	SLU 18	0.52	2.11	69.97	0.0903	-1.0223	-0.0184
884	SLU 19	0.52	2.16	69.96	0.09	-1.023	-0.0185
884	SLU 20	0.53	2.14	70.81	0.0914	-1.0355	-0.0188
884	SLU 21	0.53	2.18	70.8	0.0911	-1.0362	-0.0189
884	SLU 22	0.5	2.09	66.69	0.0884	-0.9666	-0.0187
884	SLU 23	0.5	2.17	66.67	0.0879	-0.9677	-0.0187
884	SLU 24	0.52	2.15	68.07	0.0906	-0.9876	-0.0191
884	SLU 25	0.52	2.2	68.05	0.0903	-0.9883	-0.0192
884	SLU 26	0.52	2.19	67.51	0.0891	-0.9809	-0.0191
884	SLU 27	0.53	2.18	68.9	0.0918	-1.0008	-0.0195
884	SLU 28	0.53	2.22	68.89	0.0915	-1.0015	-0.0196
884	SLU 29	0.53	2.14	68.36	0.0908	-0.993	-0.0194
884	SLU 30	0.53	2.19	68.35	0.0905	-0.9937	-0.0195
884	SLU 31	0.54	2.4	74.35	0.0962	-1.091	-0.0194
884	SLU 32	0.55	2.38	75.75	0.0989	-1.1109	-0.0198
884	SLU 33	0.55	2.43	75.73	0.0986	-1.1116	-0.0199
884	SLU 34	0.55	2.43	75.19	0.0974	-1.1042	-0.0198
884	SLU 35	0.56	2.41	76.58	0.1001	-1.1241	-0.0202
884	SLU 36	0.56	2.45	76.57	0.0998	-1.1248	-0.0203
884	SLU 37	0.56	2.38	76.04	0.0991	-1.1163	-0.0201
884	SLU 38	0.56	2.42	76.03	0.0988	-1.117	-0.0202
884	SLU 39	0.55	2.43	77.66	0.1003	-1.1427	-0.0197
884	SLU 40	0.55	2.47	77.65	0.1	-1.1434	-0.0197
884	SLU 41	0.56	2.45	78.5	0.1014	-1.1559	-0.02
884	SLU 42	0.56	2.5	78.49	0.1011	-1.1566	-0.0201
884	SLU 43	0.6	2.21	74.06	0.0985	-1.0588	-0.0223
884	SLU 44	0.61	2.28	74.04	0.098	-1.0599	-0.0223
884	SLU 45	0.62	2.27	75.44	0.1007	-1.0798	-0.0228
884	SLU 46	0.62	2.31	75.43	0.1004	-1.0805	-0.0228
884	SLU 47	0.62	2.31	74.88	0.0992	-1.0731	-0.0227
884	SLU 48	0.63	2.29	76.28	0.1019	-1.093	-0.0231
884	SLU 49	0.63	2.34	76.26	0.1016	-1.0937	-0.0232
884	SLU 50	0.63	2.26	75.74	0.1009	-1.0852	-0.023
884	SLU 51	0.63	2.31	75.73	0.1005	-1.0859	-0.0231
884	SLU 52	0.64	2.52	81.72	0.1063	-1.1832	-0.023
884	SLU 53	0.65	2.5	83.12	0.109	-1.203	-0.0235
884	SLU 54	0.65	2.55	83.11	0.1087	-1.2037	-0.0235
884	SLU 55	0.65	2.54	82.56	0.1075	-1.1964	-0.0234
884	SLU 56	0.67	2.53	83.96	0.1102	-1.2163	-0.0238
884	SLU 57	0.67	2.57	83.94	0.1099	-1.217	-0.0239
884	SLU 58	0.66	2.49	83.42	0.1091	-1.2084	-0.0237
884	SLU 59	0.67	2.54	83.41	0.1088	-1.2092	-0.0238
884	SLU 60	0.65	2.54	85.04	0.1104	-1.2349	-0.0233
884	SLU 61	0.65	2.59	85.02	0.1101	-1.2356	-0.0233
884	SLU 62	0.67	2.57	85.87	0.1115	-1.2481	-0.0236
884	SLU 63	0.67	2.61	85.86	0.1112	-1.2488	-0.0237
884	SLU 64	0.63	2.52	81.75	0.1085	-1.1791	-0.0235
884	SLU 65	0.63	2.6	81.73	0.108	-1.1803	-0.0235
884	SLU 66	0.65	2.58	83.13	0.1107	-1.2002	-0.024
884	SLU 67	0.65	2.62	83.12	0.1104	-1.2009	-0.024
884	SLU 68	0.65	2.62	82.57	0.1092	-1.1935	-0.0239
884	SLU 69	0.66	2.61	83.97	0.1119	-1.2134	-0.0244
884	SLU 70	0.66	2.65	83.95	0.1116	-1.2141	-0.0244
884	SLU 71	0.66	2.57	83.43	0.1109	-1.2056	-0.0242
884	SLU 72	0.66	2.62	83.42	0.1105	-1.2063	-0.0243
884	SLU 73	0.67	2.83	89.41	0.1163	-1.3036	-0.0242
884	SLU 74	0.68	2.81	90.81	0.119	-1.3234	-0.0247
884	SLU 75	0.68	2.86	90.8	0.1187	-1.3241	-0.0247
884	SLU 76	0.68	2.85	90.25	0.1175	-1.3168	-0.0246
884	SLU 77	0.69	2.84	91.65	0.1202	-1.3366	-0.025
884	SLU 78	0.7	2.88	91.63	0.1199	-1.3373	-0.0251
884	SLU 79	0.69	2.8	91.11	0.1192	-1.3288	-0.0249
884	SLU 80	0.69	2.85	91.1	0.1188	-1.3295	-0.025
884	SLU 81	0.68	2.85	92.73	0.1204	-1.3552	-0.0245
884	SLU 82	0.68	2.9	92.71	0.1201	-1.356	-0.0245
884	SLU 83	0.69	2.88	93.56	0.1215	-1.3685	-0.0249
884	SLU 84	0.69	2.92	93.55	0.1212	-1.3692	-0.0249
884	SLE RA 1	0.48	1.87	61.2	0.0813	-0.8806	-0.0178
884	SLE RA 2	0.48	1.92	61.18	0.0809	-0.8814	-0.0178
884	SLE RA 3	0.49	1.91	62.12	0.0827	-0.8946	-0.0181
884	SLE RA 4	0.49	1.94	62.11	0.0825	-0.8951	-0.0181
884	SLE RA 5	0.49	1.94	61.74	0.0817	-0.8902	-0.0181
884	SLE RA 6	0.5	1.93	62.67	0.0835	-0.9034	-0.0184
884	SLE RA 7	0.5	1.96	62.66	0.0833	-0.9039	-0.0184
884	SLE RA 8	0.5	1.91	62.31	0.0828	-0.8982	-0.0183
884	SLE RA 9	0.5	1.94	62.31	0.0826	-0.8987	-0.0183
884	SLE RA 10	0.5	2.08	66.3	0.0865	-0.9635	-0.0183
884	SLE RA 11	0.51	2.06	67.24	0.0883	-0.9768	-0.0186



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
884	SLE RA 12	0.51	2.09	67.23	0.0881	-0.9772	-0.0186
884	SLE RA 13	0.51	2.09	66.86	0.0872	-0.9723	-0.0185
884	SLE RA 14	0.52	2.08	67.79	0.0891	-0.9856	-0.0188
884	SLE RA 15	0.52	2.11	67.78	0.0888	-0.986	-0.0189
884	SLE RA 16	0.52	2.06	67.43	0.0884	-0.9804	-0.0188
884	SLE RA 17	0.52	2.09	67.43	0.0882	-0.9808	-0.0188
884	SLE RA 18	0.51	2.09	68.51	0.0892	-0.998	-0.0185
884	SLE RA 19	0.51	2.12	68.5	0.089	-0.9984	-0.0185
884	SLE RA 20	0.52	2.11	69.07	0.09	-1.0068	-0.0187
884	SLE RA 21	0.52	2.14	69.06	0.0897	-1.0073	-0.0187
884	SLE FR 1	0.48	1.87	61.2	0.0813	-0.8806	-0.0178
884	SLE FR 2	0.48	1.88	61.2	0.0812	-0.8807	-0.0178
884	SLE FR 3	0.48	1.88	61.42	0.0816	-0.8841	-0.0179
884	SLE FR 4	0.49	1.95	63.39	0.0836	-0.916	-0.018
884	SLE FR 5	0.49	1.94	63.62	0.084	-0.9193	-0.0181
884	SLE FR 6	0.5	1.98	64.86	0.0852	-0.9393	-0.0181
884	SLE QP 1	0.48	1.87	61.2	0.0813	-0.8806	-0.0178
884	SLE QP 2	0.49	1.94	63.39	0.0836	-0.9158	-0.018
884	SLD 1	6.57	2.56	59.71	0.0715	-0.7068	-0.0906
884	SLD 2	6.03	2.74	59.64	0.0701	-0.7093	-0.0771
884	SLD 3	6.65	0.82	60.78	0.0839	-0.6909	-0.0887
884	SLD 4	6.11	1	60.71	0.0826	-0.6934	-0.0752
884	SLD 5	2.29	4.73	60.69	0.0614	-0.8767	-0.045
884	SLD 6	1.93	4.84	60.64	0.0605	-0.8784	-0.0361
884	SLD 7	2.56	-1.06	64.24	0.1028	-0.8237	-0.0388
884	SLD 8	2.2	-0.95	64.19	0.102	-0.8254	-0.0299
884	SLD 9	-1.22	4.82	62.6	0.0653	-1.0062	-0.0061
884	SLD 10	-1.58	4.94	62.55	0.0644	-1.0079	0.0028
884	SLD 11	-0.95	-0.97	66.15	0.1068	-0.9532	0.0001
884	SLD 12	-1.31	-0.85	66.1	0.1059	-0.9549	0.009
884	SLD 13	-5.13	2.88	66.08	0.0847	-1.1382	0.0392
884	SLD 14	-5.67	3.05	66.01	0.0834	-1.1407	0.0527
884	SLD 15	-5.05	1.14	67.14	0.0972	-1.1223	0.0411
884	SLD 16	-5.59	1.31	67.07	0.0958	-1.1248	0.0546
884	SLV 1	14.71	3.32	54.82	0.0548	-0.4261	-0.1878
884	SLV 2	13.46	3.72	54.65	0.0516	-0.4321	-0.1563
884	SLV 3	14.9	-0.62	57.23	0.0829	-0.3899	-0.1835
884	SLV 4	13.65	-0.22	57.06	0.0798	-0.396	-0.152
884	SLV 5	4.69	8.25	57.19	0.0328	-0.8226	-0.0809
884	SLV 6	3.88	8.52	57.08	0.0307	-0.8265	-0.0605
884	SLV 7	5.31	-4.87	65.23	0.1267	-0.7022	-0.0666
884	SLV 8	4.51	-4.61	65.12	0.1247	-0.7061	-0.0462
884	SLV 9	-3.53	8.49	61.66	0.0426	-1.1255	0.0102
884	SLV 10	-4.33	8.75	61.56	0.0405	-1.1294	0.0306
884	SLV 11	-2.9	-4.64	69.7	0.1366	-1.005	0.0245
884	SLV 12	-3.71	-4.38	69.59	0.1345	-1.0089	0.0449
884	SLV 13	-12.67	4.09	69.72	0.0875	-1.4356	0.116
884	SLV 14	-13.92	4.5	69.56	0.0843	-1.4417	0.1475
884	SLV 15	-12.48	0.15	72.13	0.1157	-1.3995	0.1203
884	SLV 16	-13.73	0.56	71.97	0.1125	-1.4055	0.1518
884	CRTFP Ux+	0	0	0	0	0	0
884	CRTFP Ux-	0	0	0	0	0	0
886	SLU 1	-0.48	0.45	31.21	-0.8031	-5.5036	0.0969
886	SLU 2	-0.48	0.53	31.23	-0.8037	-5.5083	0.1171
886	SLU 3	-0.49	0.46	31.95	-0.8222	-5.6308	0.0999
886	SLU 4	-0.5	0.51	31.97	-0.8226	-5.6336	0.1119
886	SLU 5	-0.49	0.54	31.69	-0.8154	-5.5857	0.1193
886	SLU 6	-0.5	0.47	32.41	-0.8339	-5.7082	0.1021
886	SLU 7	-0.5	0.52	32.42	-0.8343	-5.711	0.1142
886	SLU 8	-0.49	0.47	32.12	-0.8264	-5.6584	0.1015
886	SLU 9	-0.5	0.51	32.13	-0.8268	-5.6612	0.1135
886	SLU 10	-0.52	0.63	34.89	-0.8969	-6.1377	0.1406
886	SLU 11	-0.52	0.56	35.61	-0.9154	-6.2601	0.1233
886	SLU 12	-0.53	0.61	35.62	-0.9158	-6.2629	0.1354
886	SLU 13	-0.52	0.64	35.34	-0.9086	-6.215	0.1428
886	SLU 14	-0.53	0.57	36.06	-0.9271	-6.3375	0.1256
886	SLU 15	-0.53	0.62	36.08	-0.9274	-6.3403	0.1377
886	SLU 16	-0.53	0.56	35.77	-0.9196	-6.2878	0.125
886	SLU 17	-0.53	0.61	35.79	-0.92	-6.2906	0.137
886	SLU 18	-0.53	0.59	36.43	-0.9362	-6.4027	0.1305
886	SLU 19	-0.53	0.64	36.44	-0.9366	-6.4055	0.1426
886	SLU 20	-0.53	0.6	36.88	-0.9479	-6.4801	0.1328
886	SLU 21	-0.53	0.65	36.9	-0.9482	-6.4829	0.1449
886	SLU 22	-0.52	0.54	34.94	-0.8982	-6.1457	0.1182
886	SLU 23	-0.52	0.62	34.96	-0.8988	-6.1504	0.1384
886	SLU 24	-0.53	0.55	35.68	-0.9173	-6.2729	0.1211
886	SLU 25	-0.53	0.6	35.7	-0.9177	-6.2757	0.1332
886	SLU 26	-0.53	0.63	35.42	-0.9105	-6.2278	0.1406
886	SLU 27	-0.54	0.56	36.14	-0.9289	-6.3503	0.1234
886	SLU 28	-0.54	0.61	36.15	-0.9293	-6.3531	0.1355
886	SLU 29	-0.53	0.56	35.85	-0.9215	-6.3005	0.1227
886	SLU 30	-0.53	0.6	35.86	-0.9219	-6.3033	0.1348
886	SLU 31	-0.55	0.72	38.62	-0.992	-6.7797	0.1619
886	SLU 32	-0.56	0.65	39.34	-1.0105	-6.9022	0.1446
886	SLU 33	-0.56	0.7	39.35	-1.0108	-6.905	0.1567
886	SLU 34	-0.56	0.73	39.07	-1.0036	-6.8571	0.1641
886	SLU 35	-0.57	0.66	39.79	-1.0221	-6.9796	0.1469
886	SLU 36	-0.57	0.71	39.81	-1.0225	-6.9824	0.159
886	SLU 37	-0.56	0.65	39.5	-1.0147	-6.9299	0.1462



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
886	SLU 38	-0.57	0.7	39.52	-1.015	-6.9327	0.1583
886	SLU 39	-0.56	0.68	40.16	-1.0313	-7.0448	0.1518
886	SLU 40	-0.57	0.73	40.17	-1.0317	-7.0476	0.1639
886	SLU 41	-0.57	0.69	40.61	-1.0429	-7.1222	0.154
886	SLU 42	-0.57	0.74	40.63	-1.0433	-7.125	0.1661
886	SLU 43	-0.61	0.55	39.29	-1.0115	-6.9346	0.1187
886	SLU 44	-0.62	0.63	39.32	-1.0121	-6.9393	0.1389
886	SLU 45	-0.62	0.56	40.04	-1.0306	-7.0617	0.1216
886	SLU 46	-0.63	0.61	40.05	-1.0309	-7.0645	0.1337
886	SLU 47	-0.62	0.64	39.77	-1.0237	-7.0166	0.1411
886	SLU 48	-0.63	0.57	40.49	-1.0422	-7.1391	0.1239
886	SLU 49	-0.63	0.62	40.51	-1.0426	-7.1419	0.136
886	SLU 50	-0.63	0.57	40.2	-1.0348	-7.0894	0.1232
886	SLU 51	-0.63	0.62	40.22	-1.0351	-7.0922	0.1353
886	SLU 52	-0.65	0.73	42.97	-1.1053	-7.5686	0.1624
886	SLU 53	-0.66	0.66	43.69	-1.1237	-7.6911	0.1451
886	SLU 54	-0.66	0.71	43.71	-1.1241	-7.6939	0.1572
886	SLU 55	-0.65	0.74	43.42	-1.1169	-7.646	0.1646
886	SLU 56	-0.66	0.67	44.15	-1.1354	-7.7685	0.1474
886	SLU 57	-0.66	0.72	44.16	-1.1358	-7.7713	0.1595
886	SLU 58	-0.66	0.67	43.85	-1.1279	-7.7187	0.1467
886	SLU 59	-0.66	0.72	43.87	-1.1283	-7.7215	0.1588
886	SLU 60	-0.66	0.69	44.51	-1.1446	-7.8336	0.1523
886	SLU 61	-0.66	0.74	44.53	-1.1449	-7.8364	0.1644
886	SLU 62	-0.66	0.7	44.97	-1.1562	-7.911	0.1546
886	SLU 63	-0.67	0.75	44.98	-1.1566	-7.9138	0.1666
886	SLU 64	-0.65	0.64	43.02	-1.1065	-7.5767	0.14
886	SLU 65	-0.65	0.72	43.05	-1.1071	-7.5814	0.1601
886	SLU 66	-0.66	0.65	43.77	-1.1256	-7.7038	0.1429
886	SLU 67	-0.66	0.7	43.78	-1.126	-7.7066	0.155
886	SLU 68	-0.66	0.73	43.5	-1.1188	-7.6587	0.1624
886	SLU 69	-0.67	0.66	44.22	-1.1373	-7.7812	0.1452
886	SLU 70	-0.67	0.71	44.24	-1.1377	-7.784	0.1573
886	SLU 71	-0.66	0.66	43.93	-1.1298	-7.7315	0.1445
886	SLU 72	-0.66	0.71	43.95	-1.1302	-7.7343	0.1566
886	SLU 73	-0.69	0.82	46.7	-1.2003	-8.2107	0.1836
886	SLU 74	-0.69	0.75	47.42	-1.2188	-8.3332	0.1664
886	SLU 75	-0.7	0.8	47.44	-1.2192	-8.336	0.1785
886	SLU 76	-0.69	0.83	47.15	-1.212	-8.2881	0.1859
886	SLU 77	-0.7	0.76	47.88	-1.2305	-8.4106	0.1687
886	SLU 78	-0.7	0.81	47.89	-1.2308	-8.4134	0.1808
886	SLU 79	-0.69	0.76	47.58	-1.223	-8.3608	0.168
886	SLU 80	-0.7	0.81	47.6	-1.2234	-8.3636	0.1801
886	SLU 81	-0.69	0.78	48.24	-1.2396	-8.4757	0.1736
886	SLU 82	-0.7	0.83	48.25	-1.24	-8.4785	0.1857
886	SLU 83	-0.7	0.79	48.69	-1.2513	-8.5531	0.1758
886	SLU 84	-0.7	0.84	48.71	-1.2517	-8.5559	0.1879
886	SLE RA 1	-0.49	0.47	32.27	-0.8303	-5.6871	0.103
886	SLE RA 2	-0.49	0.53	32.29	-0.8307	-5.6902	0.1164
886	SLE RA 3	-0.5	0.48	32.77	-0.843	-5.7719	0.105
886	SLE RA 4	-0.5	0.51	32.78	-0.8433	-5.7737	0.113
886	SLE RA 5	-0.5	0.53	32.59	-0.8385	-5.7418	0.118
886	SLE RA 6	-0.5	0.49	33.07	-0.8508	-5.8235	0.1065
886	SLE RA 7	-0.51	0.52	33.08	-0.851	-5.8253	0.1145
886	SLE RA 8	-0.5	0.48	32.88	-0.8458	-5.7903	0.106
886	SLE RA 9	-0.5	0.52	32.89	-0.8461	-5.7921	0.1141
886	SLE RA 10	-0.52	0.59	34.73	-0.8928	-6.1098	0.1321
886	SLE RA 11	-0.52	0.55	35.21	-0.9051	-6.1914	0.1206
886	SLE RA 12	-0.52	0.58	35.22	-0.9054	-6.1933	0.1287
886	SLE RA 13	-0.52	0.6	35.03	-0.9006	-6.1614	0.1336
886	SLE RA 14	-0.53	0.55	35.51	-0.9129	-6.243	0.1221
886	SLE RA 15	-0.53	0.59	35.52	-0.9132	-6.2449	0.1302
886	SLE RA 16	-0.52	0.55	35.32	-0.9079	-6.2098	0.1217
886	SLE RA 17	-0.52	0.58	35.33	-0.9082	-6.2117	0.1297
886	SLE RA 18	-0.52	0.57	35.75	-0.919	-6.2865	0.1254
886	SLE RA 19	-0.52	0.6	35.76	-0.9193	-6.2883	0.1335
886	SLE RA 20	-0.53	0.57	36.06	-0.9268	-6.3381	0.1269
886	SLE RA 21	-0.53	0.6	36.07	-0.927	-6.3399	0.135
886	SLE FR 1	-0.49	0.47	32.27	-0.8303	-5.6871	0.103
886	SLE FR 2	-0.49	0.48	32.28	-0.8304	-5.6877	0.1057
886	SLE FR 3	-0.49	0.47	32.39	-0.8334	-5.7077	0.1036
886	SLE FR 4	-0.5	0.51	33.32	-0.857	-5.8675	0.1124
886	SLE FR 5	-0.5	0.5	33.44	-0.86	-5.8875	0.1103
886	SLE FR 6	-0.51	0.52	34.01	-0.8746	-5.9868	0.1142
886	SLE QP 1	-0.49	0.47	32.27	-0.8303	-5.6871	0.103
886	SLE QP 2	-0.5	0.5	33.32	-0.8569	-5.8669	0.1097
886	SLD 1	2.09	1.08	41.39	-1.0667	-7.1739	0.3594
886	SLD 2	1.82	0.61	41.88	-1.0783	-7.2657	0.2336
886	SLD 3	2	-0.07	42.03	-1.0814	-7.2884	0.0705
886	SLD 4	1.73	-0.54	42.52	-1.093	-7.3802	-0.0552
886	SLD 5	0.46	2.51	34.69	-0.8955	-6.0689	0.6453
886	SLD 6	0.29	2.19	35.01	-0.9031	-6.1293	0.5625
886	SLD 7	0.16	-1.33	36.81	-0.9445	-6.4506	-0.3176
886	SLD 8	-0.02	-1.64	37.13	-0.9521	-6.511	-0.4004
886	SLD 9	-0.98	2.64	29.5	-0.7617	-5.2228	0.6199
886	SLD 10	-1.16	2.33	29.83	-0.7693	-5.2833	0.5371
886	SLD 11	-1.29	-1.19	31.62	-0.8107	-5.6045	-0.343
886	SLD 12	-1.46	-1.51	31.95	-0.8183	-5.6649	-0.4259
886	SLD 13	-2.73	1.54	24.12	-0.6208	-4.3537	0.2747



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
886	SLD 14	-3	1.07	24.6	-0.6324	-4.4454	0.1489
886	SLD 15	-2.82	0.39	24.75	-0.6355	-4.4681	-0.0142
886	SLD 16	-3.09	-0.08	25.24	-0.6471	-4.5599	-0.14
886	SLV 1	5.55	1.82	52.25	-1.3486	-8.9306	0.6835
886	SLV 2	4.94	0.71	53.39	-1.3755	-9.1443	0.3905
886	SLV 3	5.35	-0.79	53.69	-1.3819	-9.1901	0.0291
886	SLV 4	4.73	-1.9	54.83	-1.4088	-9.4038	-0.2638
886	SLV 5	1.74	5.04	36.61	-0.9493	-6.3553	1.3251
886	SLV 6	1.34	4.32	37.35	-0.9667	-6.4936	1.1356
886	SLV 7	1.05	-3.65	41.42	-1.0601	-7.2204	-0.8561
886	SLV 8	0.65	-4.36	42.15	-1.0775	-7.3587	-1.0456
886	SLV 9	-1.65	5.36	24.48	-0.6363	-4.3751	1.2651
886	SLV 10	-2.05	4.65	25.22	-0.6537	-4.5134	1.0756
886	SLV 11	-2.34	-3.32	29.28	-0.7471	-5.2402	-0.9161
886	SLV 12	-2.74	-4.04	30.02	-0.7645	-5.3785	-1.1057
886	SLV 13	-5.73	2.9	11.81	-0.305	-2.33	0.4833
886	SLV 14	-6.35	1.79	12.95	-0.3319	-2.5437	0.1904
886	SLV 15	-5.94	0.29	13.25	-0.3383	-2.5895	-0.1711
886	SLV 16	-6.55	-0.82	14.39	-0.3652	-2.8032	-0.464
886	CRTFP Ux+	0	0	0	0	0	0
886	CRTFP Ux-	0	0	0	0	0	0
886	CRTFP Uy+	0	0	0	0	0	0
886	CRTFP Uy-	0	0	0	0	0	0
889	SLU 1	1.83	0.16	76.33	-3.6353	-0.06	0.099
889	SLU 2	1.83	0.26	76.33	-3.6363	-0.062	0.1001
889	SLU 3	1.88	0.16	78.13	-3.7205	-0.0571	0.1016
889	SLU 4	1.88	0.23	78.13	-3.7211	-0.0583	0.1023
889	SLU 5	1.87	0.26	77.41	-3.688	-0.061	0.1018
889	SLU 6	1.91	0.16	79.22	-3.7722	-0.0561	0.1034
889	SLU 7	1.91	0.22	79.22	-3.7728	-0.0573	0.104
889	SLU 8	1.9	0.15	78.51	-3.7387	-0.0581	0.1024
889	SLU 9	1.9	0.21	78.5	-3.7393	-0.0592	0.1031
889	SLU 10	1.96	0.36	85.78	-4.0841	-0.0497	0.1069
889	SLU 11	2.01	0.26	87.59	-4.1683	-0.0448	0.1085
889	SLU 12	2.01	0.33	87.58	-4.1689	-0.0459	0.1092
889	SLU 13	2	0.36	86.87	-4.1358	-0.0487	0.1087
889	SLU 14	2.04	0.26	88.68	-4.22	-0.0438	0.1102
889	SLU 15	2.04	0.32	88.67	-4.2206	-0.045	0.1109
889	SLU 16	2.03	0.25	87.96	-4.1865	-0.0457	0.1093
889	SLU 17	2.03	0.31	87.96	-4.1871	-0.0469	0.11
889	SLU 18	2.01	0.3	89.84	-4.275	-0.0424	0.1087
889	SLU 19	2.02	0.37	89.83	-4.2756	-0.0436	0.1094
889	SLU 20	2.05	0.3	90.92	-4.3267	-0.0414	0.1105
889	SLU 21	2.05	0.36	90.92	-4.3273	-0.0426	0.1112
889	SLU 22	1.97	0.29	85.83	-4.0828	-0.0466	0.1075
889	SLU 23	1.98	0.39	85.82	-4.0838	-0.0485	0.1086
889	SLU 24	2.02	0.29	87.63	-4.168	-0.0436	0.1102
889	SLU 25	2.02	0.36	87.63	-4.1686	-0.0448	0.1109
889	SLU 26	2.01	0.39	86.91	-4.1355	-0.0475	0.1104
889	SLU 27	2.05	0.29	88.72	-4.2197	-0.0427	0.1119
889	SLU 28	2.06	0.35	88.72	-4.2203	-0.0438	0.1126
889	SLU 29	2.04	0.28	88	-4.1862	-0.0446	0.111
889	SLU 30	2.04	0.34	88	-4.1868	-0.0458	0.1117
889	SLU 31	2.11	0.5	95.28	-4.5316	-0.0362	0.1155
889	SLU 32	2.15	0.39	97.09	-4.6158	-0.0313	0.117
889	SLU 33	2.15	0.46	97.08	-4.6164	-0.0325	0.1177
889	SLU 34	2.14	0.49	96.36	-4.5833	-0.0352	0.1172
889	SLU 35	2.18	0.39	98.17	-4.6675	-0.0303	0.1188
889	SLU 36	2.19	0.45	98.17	-4.6681	-0.0315	0.1194
889	SLU 37	2.17	0.38	97.46	-4.634	-0.0323	0.1178
889	SLU 38	2.17	0.45	97.45	-4.6346	-0.0335	0.1185
889	SLU 39	2.16	0.43	99.33	-4.7225	-0.029	0.1173
889	SLU 40	2.16	0.5	99.33	-4.7231	-0.0301	0.118
889	SLU 41	2.19	0.43	100.42	-4.7742	-0.028	0.119
889	SLU 42	2.2	0.49	100.42	-4.7748	-0.0291	0.1197
889	SLU 43	2.33	0.16	95.97	-4.5724	-0.0827	0.1257
889	SLU 44	2.33	0.26	95.97	-4.5734	-0.0846	0.1268
889	SLU 45	2.37	0.16	97.78	-4.6577	-0.0797	0.1284
889	SLU 46	2.38	0.23	97.77	-4.6583	-0.0809	0.1291
889	SLU 47	2.37	0.26	97.06	-4.6252	-0.0836	0.1286
889	SLU 48	2.41	0.16	98.87	-4.7094	-0.0787	0.1301
889	SLU 49	2.41	0.22	98.86	-4.71	-0.0799	0.1308
889	SLU 50	2.4	0.15	98.15	-4.6758	-0.0807	0.1292
889	SLU 51	2.4	0.21	98.15	-4.6765	-0.0819	0.1299
889	SLU 52	2.46	0.37	105.42	-5.0212	-0.0723	0.1337
889	SLU 53	2.5	0.26	107.23	-5.1055	-0.0674	0.1352
889	SLU 54	2.51	0.33	107.23	-5.1061	-0.0686	0.1359
889	SLU 55	2.5	0.36	106.51	-5.073	-0.0713	0.1354
889	SLU 56	2.54	0.26	108.32	-5.1572	-0.0664	0.137
889	SLU 57	2.54	0.32	108.32	-5.1578	-0.0676	0.1376
889	SLU 58	2.53	0.25	107.6	-5.1236	-0.0684	0.136
889	SLU 59	2.53	0.32	107.6	-5.1243	-0.0695	0.1367
889	SLU 60	2.51	0.3	109.48	-5.2121	-0.0651	0.1355
889	SLU 61	2.52	0.37	109.48	-5.2127	-0.0662	0.1362
889	SLU 62	2.55	0.3	110.57	-5.2638	-0.0641	0.1372
889	SLU 63	2.55	0.36	110.56	-5.2645	-0.0652	0.1379
889	SLU 64	2.47	0.29	105.47	-5.0199	-0.0692	0.1343
889	SLU 65	2.48	0.4	105.47	-5.0209	-0.0712	0.1354
889	SLU 66	2.52	0.29	107.28	-5.1052	-0.0663	0.1369



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
889	SLU 67	2.52	0.36	107.27	-5.1058	-0.0674	0.1376
889	SLU 68	2.51	0.39	106.55	-5.0727	-0.0702	0.1371
889	SLU 69	2.55	0.29	108.36	-5.1569	-0.0653	0.1387
889	SLU 70	2.56	0.35	108.36	-5.1575	-0.0665	0.1393
889	SLU 71	2.54	0.28	107.65	-5.1233	-0.0672	0.1377
889	SLU 72	2.54	0.35	107.64	-5.124	-0.0684	0.1384
889	SLU 73	2.61	0.5	114.92	-5.4687	-0.0588	0.1422
889	SLU 74	2.65	0.4	116.73	-5.553	-0.0539	0.1438
889	SLU 75	2.65	0.46	116.73	-5.5536	-0.0551	0.1445
889	SLU 76	2.64	0.49	116.01	-5.5205	-0.0578	0.144
889	SLU 77	2.68	0.39	117.82	-5.6047	-0.053	0.1455
889	SLU 78	2.69	0.46	117.81	-5.6053	-0.0541	0.1462
889	SLU 79	2.67	0.38	117.1	-5.5711	-0.0549	0.1446
889	SLU 80	2.67	0.45	117.1	-5.5718	-0.0561	0.1453
889	SLU 81	2.66	0.43	118.98	-5.6596	-0.0516	0.1441
889	SLU 82	2.66	0.5	118.97	-5.6602	-0.0528	0.1447
889	SLU 83	2.69	0.43	120.06	-5.7113	-0.0506	0.1458
889	SLU 84	2.69	0.49	120.06	-5.712	-0.0518	0.1465
889	SLE RA 1	1.87	0.19	79.04	-3.7631	-0.0562	0.1014
889	SLE RA 2	1.87	0.27	79.04	-3.7638	-0.0575	0.1021
889	SLE RA 3	1.9	0.2	80.25	-3.82	-0.0542	0.1032
889	SLE RA 4	1.9	0.24	80.25	-3.8204	-0.055	0.1036
889	SLE RA 5	1.9	0.26	79.77	-3.7983	-0.0568	0.1033
889	SLE RA 6	1.92	0.19	80.97	-3.8544	-0.0536	0.1043
889	SLE RA 7	1.93	0.24	80.97	-3.8548	-0.0544	0.1048
889	SLE RA 8	1.91	0.19	80.49	-3.8321	-0.0549	0.1037
889	SLE RA 9	1.92	0.23	80.49	-3.8325	-0.0557	0.1042
889	SLE RA 10	1.96	0.33	85.34	-4.0623	-0.0493	0.1067
889	SLE RA 11	1.99	0.26	86.55	-4.1185	-0.046	0.1077
889	SLE RA 12	1.99	0.31	86.55	-4.1189	-0.0468	0.1082
889	SLE RA 13	1.98	0.33	86.07	-4.0968	-0.0486	0.1079
889	SLE RA 14	2.01	0.26	87.27	-4.153	-0.0454	0.1089
889	SLE RA 15	2.01	0.3	87.27	-4.1534	-0.0461	0.1094
889	SLE RA 16	2	0.26	86.8	-4.1306	-0.0467	0.1083
889	SLE RA 17	2	0.3	86.79	-4.131	-0.0474	0.1087
889	SLE RA 18	1.99	0.29	88.05	-4.1896	-0.0445	0.1079
889	SLE RA 19	1.99	0.33	88.05	-4.19	-0.0452	0.1084
889	SLE RA 20	2.02	0.29	88.77	-4.2241	-0.0438	0.1091
889	SLE RA 21	2.02	0.33	88.77	-4.2245	-0.0446	0.1095
889	SLE FR 1	1.87	0.19	79.04	-3.7631	-0.0562	0.1014
889	SLE FR 2	1.87	0.21	79.04	-3.7633	-0.0565	0.1015
889	SLE FR 3	1.88	0.19	79.33	-3.7769	-0.0559	0.1019
889	SLE FR 4	1.91	0.24	81.74	-3.8912	-0.0529	0.1035
889	SLE FR 5	1.91	0.22	82.04	-3.9049	-0.0524	0.1038
889	SLE FR 6	1.93	0.24	83.55	-3.9764	-0.0503	0.1047
889	SLE QP 1	1.87	0.19	79.04	-3.7631	-0.0562	0.1014
889	SLE QP 2	1.91	0.22	81.75	-3.8911	-0.0527	0.1034
889	SLD 1	8.85	1.14	73.2	-3.6124	-0.1238	0.424
889	SLD 2	8.17	1.68	72.37	-3.5694	-0.1006	0.4051
889	SLD 3	8.93	-0.76	74.96	-3.675	-0.0832	0.4092
889	SLD 4	8.25	-0.21	74.13	-3.6319	-0.0599	0.3903
889	SLD 5	4	3.27	76.66	-3.7203	-0.1399	0.2254
889	SLD 6	3.55	3.63	76.11	-3.6919	-0.1246	0.2129
889	SLD 7	4.25	-3.04	82.53	-3.9289	-0.0043	0.1761
889	SLD 8	3.8	-2.68	81.98	-3.9005	0.011	0.1636
889	SLD 9	0.01	3.13	81.51	-3.8816	-0.1164	0.0431
889	SLD 10	-0.44	3.49	80.96	-3.8532	-0.1011	0.0306
889	SLD 11	0.26	-3.18	87.38	-4.0902	0.0192	-0.0062
889	SLD 12	-0.19	-2.83	86.83	-4.0618	0.0345	-0.0186
889	SLD 13	-4.44	0.66	89.36	-4.1502	-0.0454	-0.1836
889	SLD 14	-5.12	1.2	88.53	-4.1071	-0.0222	-0.2025
889	SLD 15	-4.36	-1.23	91.12	-4.2128	-0.0047	-0.1983
889	SLD 16	-5.04	-0.69	90.29	-4.1697	0.0185	-0.2173
889	SLV 1	18.16	2.3	61.8	-3.2406	-0.2207	0.8529
889	SLV 2	16.58	3.56	59.87	-3.1403	-0.1666	0.8088
889	SLV 3	18.34	-2	65.78	-3.382	-0.128	0.8194
889	SLV 4	16.75	-0.73	63.84	-3.2816	-0.0738	0.7753
889	SLV 5	6.79	7.14	70.06	-3.499	-0.2532	0.3867
889	SLV 6	5.76	7.95	68.81	-3.4341	-0.2182	0.3582
889	SLV 7	7.38	-7.17	83.32	-3.9701	0.0561	0.275
889	SLV 8	6.35	-6.36	82.07	-3.9052	0.0911	0.2465
889	SLV 9	-2.54	6.8	81.42	-3.877	-0.1964	-0.0398
889	SLV 10	-3.57	7.62	80.17	-3.812	-0.1614	-0.0683
889	SLV 11	-1.95	-7.51	94.68	-4.348	0.1128	-0.1515
889	SLV 12	-2.98	-6.69	93.43	-4.2831	0.1478	-0.18
889	SLV 13	-12.94	1.18	99.65	-4.5005	-0.0315	-0.5686
889	SLV 14	-14.53	2.44	97.72	-4.4002	0.0226	-0.6127
889	SLV 15	-12.77	-3.11	103.63	-4.6418	0.0613	-0.6021
889	SLV 16	-14.35	-1.85	101.69	-4.5415	0.1154	-0.6462
889	CRTFP Ux+	0	0	0	0	0	0
889	CRTFP Ux-	0	0	0	0	0	0
889	CRTFP Uy+	0	0	0	0	0	0
889	CRTFP Uy-	0	0	0	0	0	0
903	SLU 1	0.41	0.22	14.42	-1.4614	0.656	-0.0352
903	SLU 2	0.42	0.27	14.42	-1.4622	0.6575	-0.0532
903	SLU 3	0.43	0.22	14.74	-1.4947	0.6581	-0.0346
903	SLU 4	0.43	0.25	14.75	-1.4952	0.659	-0.0454
903	SLU 5	0.43	0.27	14.62	-1.4825	0.6585	-0.0521
903	SLU 6	0.44	0.22	14.94	-1.515	0.6591	-0.0335



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
903	SLU 7	0.44	0.25	14.95	-1.5155	0.66	-0.0443
903	SLU 8	0.43	0.22	14.82	-1.5021	0.6581	-0.0329
903	SLU 9	0.44	0.25	14.82	-1.5025	0.659	-0.0437
903	SLU 10	0.45	0.34	16.03	-1.6253	0.6689	-0.0726
903	SLU 11	0.45	0.28	16.35	-1.6578	0.6695	-0.054
903	SLU 12	0.46	0.32	16.36	-1.6583	0.6704	-0.0648
903	SLU 13	0.46	0.34	16.23	-1.6456	0.6699	-0.0715
903	SLU 14	0.46	0.28	16.55	-1.6781	0.6706	-0.0529
903	SLU 15	0.47	0.32	16.56	-1.6786	0.6714	-0.0637
903	SLU 16	0.46	0.28	16.42	-1.6652	0.6695	-0.0523
903	SLU 17	0.46	0.31	16.43	-1.6656	0.6704	-0.0631
903	SLU 18	0.45	0.31	16.71	-1.6944	0.6724	-0.0629
903	SLU 19	0.46	0.34	16.72	-1.6949	0.6732	-0.0737
903	SLU 20	0.46	0.31	16.91	-1.7147	0.6734	-0.0618
903	SLU 21	0.47	0.34	16.92	-1.7152	0.6743	-0.0726
903	SLU 22	0.45	0.27	16.04	-1.6263	0.6698	-0.0504
903	SLU 23	0.46	0.33	16.05	-1.6271	0.6713	-0.0684
903	SLU 24	0.46	0.28	16.37	-1.6596	0.6719	-0.0498
903	SLU 25	0.47	0.31	16.37	-1.6601	0.6728	-0.0606
903	SLU 26	0.47	0.33	16.25	-1.6474	0.6723	-0.0673
903	SLU 27	0.47	0.27	16.57	-1.6799	0.6729	-0.0487
903	SLU 28	0.48	0.31	16.57	-1.6804	0.6738	-0.0595
903	SLU 29	0.47	0.27	16.44	-1.667	0.6719	-0.0481
903	SLU 30	0.47	0.3	16.45	-1.6674	0.6728	-0.0589
903	SLU 31	0.49	0.39	17.66	-1.7902	0.6827	-0.0878
903	SLU 32	0.49	0.34	17.98	-1.8227	0.6833	-0.0692
903	SLU 33	0.5	0.37	17.98	-1.8232	0.6842	-0.08
903	SLU 34	0.5	0.39	17.86	-1.8105	0.6837	-0.0867
903	SLU 35	0.5	0.34	18.18	-1.843	0.6844	-0.0681
903	SLU 36	0.51	0.37	18.18	-1.8435	0.6852	-0.0789
903	SLU 37	0.5	0.34	18.05	-1.8301	0.6833	-0.0675
903	SLU 38	0.5	0.37	18.06	-1.8305	0.6842	-0.0783
903	SLU 39	0.49	0.36	18.34	-1.8593	0.6862	-0.0781
903	SLU 40	0.49	0.4	18.34	-1.8598	0.687	-0.0889
903	SLU 41	0.5	0.36	18.54	-1.8797	0.6872	-0.077
903	SLU 42	0.5	0.4	18.54	-1.8801	0.6881	-0.0878
903	SLU 43	0.52	0.27	18.18	-1.8433	0.8481	-0.0405
903	SLU 44	0.53	0.32	18.19	-1.8441	0.8495	-0.0586
903	SLU 45	0.54	0.27	18.51	-1.8766	0.8502	-0.0399
903	SLU 46	0.54	0.3	18.52	-1.8771	0.851	-0.0508
903	SLU 47	0.54	0.32	18.39	-1.8644	0.8506	-0.0574
903	SLU 48	0.55	0.27	18.71	-1.8969	0.8512	-0.0388
903	SLU 49	0.55	0.3	18.72	-1.8974	0.8521	-0.0496
903	SLU 50	0.54	0.26	18.58	-1.884	0.8502	-0.0383
903	SLU 51	0.55	0.3	18.59	-1.8844	0.851	-0.0491
903	SLU 52	0.56	0.38	19.8	-2.0072	0.861	-0.078
903	SLU 53	0.56	0.33	20.12	-2.0397	0.8616	-0.0593
903	SLU 54	0.57	0.36	20.12	-2.0402	0.8625	-0.0702
903	SLU 55	0.57	0.38	20	-2.0275	0.862	-0.0768
903	SLU 56	0.57	0.33	20.32	-2.06	0.8626	-0.0582
903	SLU 57	0.58	0.36	20.32	-2.0605	0.8635	-0.069
903	SLU 58	0.57	0.33	20.19	-2.0471	0.8616	-0.0577
903	SLU 59	0.57	0.36	20.2	-2.0475	0.8625	-0.0685
903	SLU 60	0.56	0.36	20.48	-2.0763	0.8644	-0.0682
903	SLU 61	0.57	0.39	20.48	-2.0768	0.8653	-0.0791
903	SLU 62	0.57	0.36	20.68	-2.0966	0.8655	-0.0671
903	SLU 63	0.58	0.39	20.68	-2.0971	0.8663	-0.0779
903	SLU 64	0.56	0.32	19.81	-2.0082	0.8619	-0.0557
903	SLU 65	0.57	0.37	19.82	-2.009	0.8634	-0.0738
903	SLU 66	0.58	0.32	20.14	-2.0415	0.864	-0.0551
903	SLU 67	0.58	0.35	20.14	-2.042	0.8648	-0.066
903	SLU 68	0.58	0.37	20.02	-2.0293	0.8644	-0.0726
903	SLU 69	0.58	0.32	20.34	-2.0618	0.865	-0.054
903	SLU 70	0.59	0.35	20.34	-2.0623	0.8659	-0.0648
903	SLU 71	0.58	0.32	20.21	-2.0489	0.864	-0.0535
903	SLU 72	0.58	0.35	20.21	-2.0493	0.8649	-0.0643
903	SLU 73	0.6	0.44	21.42	-2.1721	0.8748	-0.0932
903	SLU 74	0.6	0.39	21.75	-2.2046	0.8754	-0.0745
903	SLU 75	0.61	0.42	21.75	-2.2051	0.8763	-0.0854
903	SLU 76	0.61	0.44	21.62	-2.1924	0.8758	-0.092
903	SLU 77	0.61	0.39	21.95	-2.2249	0.8764	-0.0734
903	SLU 78	0.62	0.42	21.95	-2.2254	0.8773	-0.0842
903	SLU 79	0.61	0.38	21.82	-2.212	0.8754	-0.0729
903	SLU 80	0.61	0.41	21.82	-2.2124	0.8763	-0.0837
903	SLU 81	0.6	0.41	22.11	-2.2412	0.8783	-0.0834
903	SLU 82	0.61	0.44	22.11	-2.2417	0.8791	-0.0943
903	SLU 83	0.61	0.41	22.31	-2.2615	0.8793	-0.0823
903	SLU 84	0.61	0.44	22.31	-2.262	0.8801	-0.0931
903	SLE RA 1	0.42	0.23	14.88	-1.5085	0.66	-0.0395
903	SLE RA 2	0.43	0.27	14.89	-1.5091	0.6609	-0.0515
903	SLE RA 3	0.43	0.24	15.1	-1.5307	0.6613	-0.0391
903	SLE RA 4	0.44	0.26	15.1	-1.531	0.6619	-0.0463
903	SLE RA 5	0.43	0.27	15.02	-1.5226	0.6616	-0.0508
903	SLE RA 6	0.44	0.24	15.23	-1.5443	0.662	-0.0384
903	SLE RA 7	0.44	0.26	15.24	-1.5446	0.6626	-0.0456
903	SLE RA 8	0.44	0.23	15.15	-1.5356	0.6614	-0.038
903	SLE RA 9	0.44	0.25	15.15	-1.5359	0.6619	-0.0452
903	SLE RA 10	0.45	0.31	15.96	-1.6178	0.6686	-0.0645
903	SLE RA 11	0.45	0.28	16.17	-1.6395	0.669	-0.0521



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
903	SLE RA 12	0.45	0.3	16.17	-1.6398	0.6695	-0.0593
903	SLE RA 13	0.45	0.31	16.09	-1.6313	0.6692	-0.0637
903	SLE RA 14	0.46	0.28	16.3	-1.653	0.6697	-0.0513
903	SLE RA 15	0.46	0.3	16.31	-1.6533	0.6702	-0.0585
903	SLE RA 16	0.45	0.28	16.22	-1.6444	0.669	-0.0509
903	SLE RA 17	0.46	0.3	16.22	-1.6447	0.6696	-0.0582
903	SLE RA 18	0.45	0.29	16.41	-1.6639	0.6709	-0.058
903	SLE RA 19	0.45	0.32	16.41	-1.6642	0.6714	-0.0652
903	SLE RA 20	0.46	0.29	16.55	-1.6774	0.6716	-0.0572
903	SLE RA 21	0.46	0.32	16.55	-1.6777	0.6721	-0.0645
903	SLE FR 1	0.42	0.23	14.88	-1.5085	0.66	-0.0395
903	SLE FR 2	0.42	0.24	14.88	-1.5086	0.6602	-0.0419
903	SLE FR 3	0.43	0.23	14.93	-1.514	0.6603	-0.0392
903	SLE FR 4	0.43	0.26	15.34	-1.5552	0.6634	-0.0475
903	SLE FR 5	0.43	0.25	15.39	-1.5606	0.6635	-0.0448
903	SLE FR 6	0.44	0.26	15.65	-1.5862	0.6654	-0.0488
903	SLE QP 1	0.42	0.23	14.88	-1.5085	0.66	-0.0395
903	SLE QP 2	0.43	0.25	15.34	-1.5551	0.6632	-0.0451
903	SLD 1	0.96	0.56	11.56	-1.1718	0.7511	-0.0477
903	SLD 2	0.79	0.89	11.33	-1.1484	0.7197	-0.1809
903	SLD 3	1.19	-0.19	11.93	-1.2086	0.7938	0.2356
903	SLD 4	1.02	0.14	11.7	-1.1852	0.7625	0.1024
903	SLD 5	0.28	1.41	13.69	-1.3884	0.6304	-0.4518
903	SLD 6	0.16	1.63	13.54	-1.373	0.6098	-0.5395
903	SLD 7	1.04	-1.07	14.92	-1.5113	0.7729	0.4928
903	SLD 8	0.92	-0.85	14.76	-1.4959	0.7522	0.4051
903	SLD 9	-0.06	1.36	15.92	-1.6144	0.5743	-0.4952
903	SLD 10	-0.17	1.57	15.76	-1.599	0.5536	-0.5829
903	SLD 11	0.7	-1.13	17.14	-1.7373	0.7167	0.4493
903	SLD 12	0.59	-0.91	16.99	-1.7219	0.6961	0.3616
903	SLD 13	-0.15	0.36	18.98	-1.925	0.564	-0.1926
903	SLD 14	-0.33	0.69	18.75	-1.9016	0.5327	-0.3257
903	SLD 15	0.07	-0.38	19.35	-1.9619	0.6067	0.0908
903	SLD 16	-0.1	-0.05	19.12	-1.9385	0.5754	-0.0424
903	SLV 1	1.68	0.94	6.51	-0.6593	0.8691	-0.0419
903	SLV 2	1.27	1.71	5.97	-0.6048	0.7961	-0.352
903	SLV 3	2.2	-0.75	7.34	-0.7425	0.9658	0.6005
903	SLV 4	1.79	0.02	6.8	-0.688	0.8928	0.2904
903	SLV 5	0.09	2.89	11.52	-1.1696	0.591	-0.9646
903	SLV 6	-0.17	3.38	11.17	-1.1343	0.5438	-1.1653
903	SLV 7	1.82	-2.74	14.3	-1.4471	0.9133	1.1767
903	SLV 8	1.56	-2.24	13.94	-1.4118	0.8661	0.9761
903	SLV 9	-0.69	2.75	16.73	-1.6985	0.4604	-1.0662
903	SLV 10	-0.96	3.25	16.38	-1.6632	0.4132	-1.2669
903	SLV 11	1.04	-2.88	19.51	-1.976	0.7827	1.0751
903	SLV 12	0.77	-2.38	19.16	-1.9407	0.7355	0.8745
903	SLV 13	-0.93	0.48	23.88	-2.4223	0.4337	-0.3806
903	SLV 14	-1.34	1.25	23.34	-2.3678	0.3607	-0.6907
903	SLV 15	-0.41	-1.2	24.71	-2.5055	0.5304	0.2618
903	SLV 16	-0.82	-0.43	24.17	-2.451	0.4574	-0.0483
903	CRTFP Ux+	0	0	0	0	0	0
903	CRTFP Ux-	0	0	0	0	0	0
903	CRTFP Uy+	0	0	0	0	0	0
903	CRTFP Uy-	0	0	0	0	0	0
907	SLU 1	-0.28	0.98	62.75	0.0831	0.8421	0.0124
907	SLU 2	-0.28	1.05	62.71	0.0826	0.8433	0.0125
907	SLU 3	-0.28	1.02	64.19	0.0854	0.8621	0.0127
907	SLU 4	-0.28	1.06	64.17	0.085	0.8629	0.0127
907	SLU 5	-0.27	1.06	63.57	0.0837	0.8553	0.0125
907	SLU 6	-0.27	1.03	65.04	0.0865	0.8741	0.0127
907	SLU 7	-0.28	1.07	65.02	0.0861	0.8749	0.0128
907	SLU 8	-0.27	1	64.46	0.0854	0.866	0.0125
907	SLU 9	-0.27	1.04	64.43	0.085	0.8668	0.0125
907	SLU 10	-0.32	1.19	70.79	0.0919	0.9616	0.0145
907	SLU 11	-0.32	1.16	72.27	0.0947	0.9804	0.0147
907	SLU 12	-0.32	1.2	72.25	0.0944	0.9811	0.0148
907	SLU 13	-0.32	1.2	71.64	0.093	0.9735	0.0146
907	SLU 14	-0.32	1.17	73.12	0.0958	0.9923	0.0147
907	SLU 15	-0.32	1.21	73.1	0.0955	0.9931	0.0148
907	SLU 16	-0.31	1.15	72.53	0.0947	0.9842	0.0145
907	SLU 17	-0.31	1.19	72.51	0.0944	0.985	0.0146
907	SLU 18	-0.34	1.18	74.29	0.0965	1.011	0.0153
907	SLU 19	-0.34	1.22	74.27	0.0961	1.0117	0.0154
907	SLU 20	-0.34	1.2	75.14	0.0976	1.0229	0.0154
907	SLU 21	-0.34	1.24	75.12	0.0973	1.0237	0.0154
907	SLU 22	-0.32	1.22	70.94	0.0941	0.9602	0.0143
907	SLU 23	-0.32	1.29	70.91	0.0935	0.9615	0.0144
907	SLU 24	-0.32	1.26	72.39	0.0963	0.9803	0.0145
907	SLU 25	-0.32	1.3	72.36	0.096	0.9811	0.0146
907	SLU 26	-0.32	1.3	71.76	0.0947	0.9735	0.0144
907	SLU 27	-0.32	1.27	73.24	0.0974	0.9923	0.0146
907	SLU 28	-0.32	1.31	73.22	0.0971	0.993	0.0146
907	SLU 29	-0.31	1.24	72.65	0.0963	0.9842	0.0144
907	SLU 30	-0.31	1.28	72.63	0.096	0.9849	0.0144
907	SLU 31	-0.37	1.43	78.98	0.1029	1.0797	0.0164
907	SLU 32	-0.37	1.4	80.46	0.1057	1.0985	0.0166
907	SLU 33	-0.37	1.44	80.44	0.1053	1.0993	0.0166
907	SLU 34	-0.36	1.44	79.84	0.104	1.0917	0.0164
907	SLU 35	-0.36	1.41	81.31	0.1068	1.1105	0.0166



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
907	SLU 36	-0.36	1.45	81.29	0.1065	1.1113	0.0167
907	SLU 37	-0.35	1.39	80.72	0.1057	1.1024	0.0164
907	SLU 38	-0.36	1.43	80.7	0.1054	1.1031	0.0164
907	SLU 39	-0.38	1.42	82.48	0.1074	1.1291	0.0172
907	SLU 40	-0.38	1.46	82.46	0.1071	1.1299	0.0172
907	SLU 41	-0.38	1.44	83.33	0.1086	1.1411	0.0172
907	SLU 42	-0.38	1.48	83.31	0.1082	1.1418	0.0173
907	SLU 43	-0.35	1.19	78.77	0.1043	1.0542	0.0155
907	SLU 44	-0.35	1.26	78.73	0.1038	1.0554	0.0156
907	SLU 45	-0.35	1.23	80.21	0.1065	1.0742	0.0158
907	SLU 46	-0.35	1.27	80.19	0.1062	1.075	0.0158
907	SLU 47	-0.34	1.27	79.58	0.1049	1.0674	0.0156
907	SLU 48	-0.34	1.24	81.06	0.1077	1.0862	0.0158
907	SLU 49	-0.34	1.28	81.04	0.1073	1.087	0.0158
907	SLU 50	-0.34	1.21	80.47	0.1066	1.0781	0.0156
907	SLU 51	-0.34	1.25	80.45	0.1062	1.0789	0.0156
907	SLU 52	-0.39	1.4	86.81	0.1131	1.1737	0.0176
907	SLU 53	-0.39	1.37	88.29	0.1159	1.1925	0.0178
907	SLU 54	-0.39	1.41	88.26	0.1155	1.1932	0.0178
907	SLU 55	-0.39	1.41	87.66	0.1142	1.1856	0.0177
907	SLU 56	-0.39	1.38	89.14	0.117	1.2044	0.0178
907	SLU 57	-0.39	1.43	89.12	0.1167	1.2052	0.0179
907	SLU 58	-0.38	1.36	88.55	0.1159	1.1963	0.0176
907	SLU 59	-0.38	1.4	88.53	0.1156	1.1971	0.0176
907	SLU 60	-0.41	1.39	90.31	0.1177	1.2231	0.0184
907	SLU 61	-0.41	1.44	90.28	0.1173	1.2238	0.0185
907	SLU 62	-0.4	1.41	91.16	0.1188	1.235	0.0184
907	SLU 63	-0.4	1.45	91.13	0.1185	1.2358	0.0185
907	SLU 64	-0.39	1.43	86.96	0.1153	1.1723	0.0174
907	SLU 65	-0.39	1.5	86.92	0.1147	1.1736	0.0175
907	SLU 66	-0.39	1.47	88.4	0.1175	1.1924	0.0176
907	SLU 67	-0.39	1.51	88.38	0.1172	1.1932	0.0177
907	SLU 68	-0.38	1.51	87.78	0.1158	1.1856	0.0175
907	SLU 69	-0.39	1.48	89.25	0.1186	1.2044	0.0177
907	SLU 70	-0.39	1.52	89.23	0.1183	1.2051	0.0177
907	SLU 71	-0.38	1.45	88.66	0.1175	1.1963	0.0174
907	SLU 72	-0.38	1.49	88.64	0.1172	1.197	0.0175
907	SLU 73	-0.43	1.64	95	0.1241	1.2918	0.0195
907	SLU 74	-0.43	1.61	96.48	0.1268	1.3106	0.0197
907	SLU 75	-0.43	1.65	96.46	0.1265	1.3114	0.0197
907	SLU 76	-0.43	1.65	95.85	0.1252	1.3038	0.0195
907	SLU 77	-0.43	1.62	97.33	0.128	1.3226	0.0197
907	SLU 78	-0.43	1.67	97.31	0.1276	1.3234	0.0197
907	SLU 79	-0.42	1.6	96.74	0.1269	1.3145	0.0195
907	SLU 80	-0.42	1.64	96.72	0.1265	1.3153	0.0195
907	SLU 81	-0.45	1.63	98.5	0.1286	1.3412	0.0203
907	SLU 82	-0.45	1.68	98.48	0.1283	1.342	0.0203
907	SLU 83	-0.45	1.65	99.35	0.1298	1.3532	0.0203
907	SLU 84	-0.45	1.69	99.33	0.1294	1.354	0.0204
907	SLE RA 1	-0.29	1.05	65.09	0.0863	0.8758	0.013
907	SLE RA 2	-0.29	1.09	65.07	0.0859	0.8767	0.013
907	SLE RA 3	-0.29	1.07	66.05	0.0877	0.8892	0.0131
907	SLE RA 4	-0.29	1.1	66.04	0.0875	0.8897	0.0132
907	SLE RA 5	-0.29	1.1	65.64	0.0866	0.8846	0.013
907	SLE RA 6	-0.29	1.08	66.62	0.0885	0.8972	0.0131
907	SLE RA 7	-0.29	1.11	66.61	0.0883	0.8977	0.0132
907	SLE RA 8	-0.28	1.06	66.23	0.0878	0.8918	0.013
907	SLE RA 9	-0.28	1.09	66.21	0.0875	0.8923	0.013
907	SLE RA 10	-0.32	1.19	70.45	0.0921	0.9555	0.0144
907	SLE RA 11	-0.32	1.17	71.44	0.094	0.968	0.0145
907	SLE RA 12	-0.32	1.2	71.42	0.0938	0.9685	0.0145
907	SLE RA 13	-0.32	1.2	71.02	0.0929	0.9635	0.0144
907	SLE RA 14	-0.32	1.18	72.01	0.0947	0.976	0.0145
907	SLE RA 15	-0.32	1.2	71.99	0.0945	0.9765	0.0145
907	SLE RA 16	-0.31	1.16	71.61	0.094	0.9706	0.0144
907	SLE RA 17	-0.31	1.19	71.6	0.0938	0.9711	0.0144
907	SLE RA 18	-0.33	1.18	72.78	0.0952	0.9884	0.0149
907	SLE RA 19	-0.33	1.21	72.77	0.0949	0.9889	0.0149
907	SLE RA 20	-0.33	1.19	73.35	0.0959	0.9964	0.0149
907	SLE RA 21	-0.33	1.22	73.34	0.0957	0.9969	0.0149
907	SLE FR 1	-0.29	1.05	65.09	0.0863	0.8758	0.013
907	SLE FR 2	-0.29	1.05	65.09	0.0862	0.876	0.013
907	SLE FR 3	-0.29	1.05	65.32	0.0866	0.879	0.013
907	SLE FR 4	-0.3	1.1	67.39	0.0889	0.9098	0.0135
907	SLE FR 5	-0.3	1.09	67.63	0.0892	0.9128	0.0135
907	SLE FR 6	-0.31	1.11	68.94	0.0907	0.9321	0.0139
907	SLE QP 1	-0.29	1.05	65.09	0.0863	0.8758	0.013
907	SLE QP 2	-0.3	1.09	67.4	0.0889	0.9096	0.0135
907	SLD 1	6.2	2.35	73	0.1029	1.1427	-0.0495
907	SLD 2	5.6	2.14	72.75	0.1031	1.1383	-0.0371
907	SLD 3	6.09	0.57	74.43	0.1154	1.1264	-0.0512
907	SLD 4	5.49	0.37	74.18	0.1157	1.1221	-0.0389
907	SLD 5	1.92	4.19	66.95	0.074	1.0049	-0.0049
907	SLD 6	1.52	4.06	66.78	0.0742	1.002	0.0032
907	SLD 7	1.56	-1.72	71.73	0.1159	0.9508	-0.0108
907	SLD 8	1.16	-1.86	71.57	0.116	0.9479	-0.0026
907	SLD 9	-1.77	4.03	63.23	0.0618	0.8713	0.0297
907	SLD 10	-2.16	3.9	63.07	0.062	0.8684	0.0378
907	SLD 11	-2.13	-1.88	68.02	0.1037	0.8171	0.0239



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
907	SLD 12	-2.53	-2.02	67.85	0.1038	0.8143	0.032
907	SLD 13	-6.09	1.81	60.62	0.0622	0.6971	0.066
907	SLD 14	-6.7	1.6	60.37	0.0625	0.6928	0.0783
907	SLD 15	-6.2	0.03	62.05	0.0748	0.6809	0.0642
907	SLD 16	-6.81	-0.17	61.8	0.075	0.6765	0.0765
907	SLV 1	14.91	3.97	80.55	0.1222	1.4549	-0.1338
907	SLV 2	13.5	3.5	79.97	0.1227	1.4447	-0.1051
907	SLV 3	14.66	-0.05	83.8	0.1506	1.418	-0.1379
907	SLV 4	13.25	-0.52	83.22	0.1512	1.4078	-0.1092
907	SLV 5	4.88	8.13	66.52	0.0557	1.1309	-0.0295
907	SLV 6	3.97	7.83	66.14	0.056	1.1243	-0.0109
907	SLV 7	4.05	-5.27	77.34	0.1505	1.008	-0.0431
907	SLV 8	3.14	-5.58	76.97	0.1509	1.0014	-0.0245
907	SLV 9	-3.75	7.75	57.83	0.027	0.8178	0.0516
907	SLV 10	-4.66	7.44	57.45	0.0274	0.8112	0.0702
907	SLV 11	-4.58	-5.65	68.65	0.1219	0.6949	0.0379
907	SLV 12	-5.49	-5.96	68.28	0.1222	0.6883	0.0565
907	SLV 13	-13.86	2.7	51.58	0.0267	0.4113	0.1363
907	SLV 14	-15.26	2.22	51	0.0273	0.4012	0.165
907	SLV 15	-14.1	-1.32	54.83	0.0552	0.3745	0.1322
907	SLV 16	-15.51	-1.8	54.25	0.0557	0.3643	0.1609
907	CRTFP Ux+	0	0	0	0	0	0
907	CRTFP Ux-	0	0	0	0	0	0
910	SLU 1	0.56	1.8	61.52	0.0928	-0.7491	-0.0165
910	SLU 2	0.56	1.88	61.48	0.0923	-0.7502	-0.0165
910	SLU 3	0.58	1.86	62.96	0.0954	-0.7678	-0.017
910	SLU 4	0.58	1.91	62.94	0.0951	-0.7684	-0.017
910	SLU 5	0.58	1.9	62.36	0.0937	-0.7619	-0.0169
910	SLU 6	0.6	1.89	63.84	0.0968	-0.7795	-0.0173
910	SLU 7	0.6	1.93	63.82	0.0964	-0.7802	-0.0174
910	SLU 8	0.59	1.85	63.27	0.0956	-0.7726	-0.0172
910	SLU 9	0.6	1.9	63.24	0.0953	-0.7732	-0.0172
910	SLU 10	0.6	2.11	69.43	0.1024	-0.8588	-0.0172
910	SLU 11	0.62	2.09	70.91	0.1055	-0.8764	-0.0177
910	SLU 12	0.62	2.14	70.89	0.1052	-0.877	-0.0177
910	SLU 13	0.62	2.14	70.31	0.1038	-0.8705	-0.0176
910	SLU 14	0.63	2.12	71.79	0.1069	-0.8881	-0.018
910	SLU 15	0.63	2.16	71.77	0.1066	-0.8888	-0.0181
910	SLU 16	0.63	2.09	71.22	0.1057	-0.8812	-0.0179
910	SLU 17	0.63	2.13	71.19	0.1054	-0.8818	-0.0179
910	SLU 18	0.62	2.14	72.88	0.1073	-0.9043	-0.0175
910	SLU 19	0.62	2.18	72.85	0.107	-0.9049	-0.0175
910	SLU 20	0.63	2.16	73.75	0.1087	-0.916	-0.0179
910	SLU 21	0.63	2.21	73.73	0.1084	-0.9167	-0.0179
910	SLU 22	0.6	2.12	69.53	0.1047	-0.8551	-0.0178
910	SLU 23	0.6	2.19	69.49	0.1042	-0.8562	-0.0178
910	SLU 24	0.62	2.17	70.98	0.1073	-0.8738	-0.0182
910	SLU 25	0.62	2.22	70.95	0.107	-0.8744	-0.0183
910	SLU 26	0.62	2.22	70.37	0.1056	-0.8679	-0.0181
910	SLU 27	0.63	2.2	71.85	0.1087	-0.8855	-0.0186
910	SLU 28	0.63	2.24	71.83	0.1084	-0.8862	-0.0186
910	SLU 29	0.63	2.17	71.28	0.1075	-0.8786	-0.0185
910	SLU 30	0.63	2.21	71.26	0.1072	-0.8792	-0.0185
910	SLU 31	0.64	2.42	77.44	0.1143	-0.9648	-0.0185
910	SLU 32	0.65	2.41	78.93	0.1174	-0.9824	-0.0189
910	SLU 33	0.65	2.45	78.9	0.1171	-0.983	-0.0189
910	SLU 34	0.65	2.45	78.32	0.1157	-0.9765	-0.0188
910	SLU 35	0.67	2.43	79.8	0.1188	-0.9941	-0.0193
910	SLU 36	0.67	2.48	79.78	0.1185	-0.9948	-0.0193
910	SLU 37	0.67	2.4	79.23	0.1176	-0.9872	-0.0192
910	SLU 38	0.67	2.45	79.21	0.1173	-0.9878	-0.0192
910	SLU 39	0.65	2.45	80.89	0.1192	-1.0103	-0.0188
910	SLU 40	0.65	2.49	80.87	0.1189	-1.0109	-0.0188
910	SLU 41	0.67	2.47	81.76	0.1206	-1.022	-0.0191
910	SLU 42	0.67	2.52	81.74	0.1203	-1.0226	-0.0191
910	SLU 43	0.72	2.24	77.23	0.1166	-0.9375	-0.021
910	SLU 44	0.72	2.31	77.19	0.1161	-0.9386	-0.0211
910	SLU 45	0.74	2.29	78.67	0.1192	-0.9562	-0.0215
910	SLU 46	0.74	2.34	78.65	0.1188	-0.9568	-0.0215
910	SLU 47	0.74	2.34	78.06	0.1174	-0.9503	-0.0214
910	SLU 48	0.75	2.32	79.55	0.1205	-0.9679	-0.0219
910	SLU 49	0.75	2.36	79.52	0.1202	-0.9686	-0.0219
910	SLU 50	0.75	2.29	78.98	0.1194	-0.961	-0.0218
910	SLU 51	0.75	2.33	78.95	0.119	-0.9616	-0.0218
910	SLU 52	0.76	2.54	85.14	0.1262	-1.0472	-0.0218
910	SLU 53	0.77	2.53	86.62	0.1293	-1.0648	-0.0222
910	SLU 54	0.78	2.57	86.6	0.129	-1.0654	-0.0222
910	SLU 55	0.77	2.57	86.01	0.1276	-1.0589	-0.0221
910	SLU 56	0.79	2.55	87.5	0.1307	-1.0765	-0.0226
910	SLU 57	0.79	2.6	87.48	0.1304	-1.0772	-0.0226
910	SLU 58	0.79	2.52	86.93	0.1295	-1.0696	-0.0224
910	SLU 59	0.79	2.57	86.9	0.1292	-1.0702	-0.0225
910	SLU 60	0.77	2.57	88.58	0.1311	-1.0927	-0.022
910	SLU 61	0.77	2.61	88.56	0.1308	-1.0933	-0.022
910	SLU 62	0.79	2.6	89.46	0.1325	-1.1044	-0.0224
910	SLU 63	0.79	2.64	89.44	0.1321	-1.1051	-0.0224
910	SLU 64	0.75	2.55	85.24	0.1285	-1.0435	-0.0223
910	SLU 65	0.76	2.62	85.2	0.128	-1.0446	-0.0223
910	SLU 66	0.77	2.61	86.68	0.1311	-1.0622	-0.0228



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
910	SLU 67	0.77	2.65	86.66	0.1307	-1.0628	-0.0228
910	SLU 68	0.77	2.65	86.08	0.1293	-1.0563	-0.0227
910	SLU 69	0.79	2.63	87.56	0.1324	-1.0739	-0.0231
910	SLU 70	0.79	2.68	87.54	0.1321	-1.0746	-0.0231
910	SLU 71	0.79	2.6	86.99	0.1313	-1.067	-0.023
910	SLU 72	0.79	2.64	86.96	0.1309	-1.0676	-0.023
910	SLU 73	0.79	2.86	93.15	0.1381	-1.1532	-0.023
910	SLU 74	0.81	2.84	94.64	0.1412	-1.1708	-0.0235
910	SLU 75	0.81	2.89	94.61	0.1409	-1.1714	-0.0235
910	SLU 76	0.81	2.88	94.03	0.1395	-1.1649	-0.0234
910	SLU 77	0.83	2.87	95.51	0.1426	-1.1825	-0.0238
910	SLU 78	0.83	2.91	95.49	0.1423	-1.1832	-0.0238
910	SLU 79	0.82	2.83	94.94	0.1414	-1.1756	-0.0237
910	SLU 80	0.82	2.88	94.92	0.1411	-1.1762	-0.0237
910	SLU 81	0.81	2.88	96.6	0.143	-1.1987	-0.0233
910	SLU 82	0.81	2.93	96.57	0.1427	-1.1993	-0.0233
910	SLU 83	0.82	2.91	97.47	0.1444	-1.2104	-0.0236
910	SLU 84	0.82	2.95	97.45	0.144	-1.211	-0.0236
910	SLE RA 1	0.57	1.89	63.81	0.0962	-0.7794	-0.0169
910	SLE RA 2	0.57	1.94	63.78	0.0959	-0.7801	-0.0169
910	SLE RA 3	0.58	1.93	64.77	0.0979	-0.7919	-0.0172
910	SLE RA 4	0.59	1.96	64.76	0.0977	-0.7923	-0.0172
910	SLE RA 5	0.58	1.96	64.37	0.0968	-0.7879	-0.0171
910	SLE RA 6	0.6	1.95	65.35	0.0989	-0.7997	-0.0174
910	SLE RA 7	0.6	1.98	65.34	0.0986	-0.8001	-0.0174
910	SLE RA 8	0.59	1.93	64.97	0.0981	-0.7951	-0.0174
910	SLE RA 9	0.6	1.96	64.96	0.0979	-0.7955	-0.0174
910	SLE RA 10	0.6	2.1	69.08	0.1026	-0.8525	-0.0173
910	SLE RA 11	0.61	2.09	70.07	0.1047	-0.8643	-0.0176
910	SLE RA 12	0.61	2.12	70.06	0.1045	-0.8647	-0.0177
910	SLE RA 13	0.61	2.11	69.67	0.1035	-0.8603	-0.0176
910	SLE RA 14	0.62	2.1	70.65	0.1056	-0.8721	-0.0179
910	SLE RA 15	0.62	2.13	70.64	0.1054	-0.8725	-0.0179
910	SLE RA 16	0.62	2.08	70.27	0.1048	-0.8675	-0.0178
910	SLE RA 17	0.62	2.11	70.26	0.1046	-0.8679	-0.0178
910	SLE RA 18	0.61	2.11	71.38	0.1059	-0.8828	-0.0175
910	SLE RA 19	0.61	2.14	71.36	0.1057	-0.8833	-0.0175
910	SLE RA 20	0.62	2.13	71.96	0.1068	-0.8907	-0.0178
910	SLE RA 21	0.62	2.16	71.95	0.1066	-0.8911	-0.0178
910	SLE FR 1	0.57	1.89	63.81	0.0962	-0.7794	-0.0169
910	SLE FR 2	0.57	1.9	63.8	0.0962	-0.7795	-0.0169
910	SLE FR 3	0.58	1.9	64.04	0.0966	-0.7825	-0.017
910	SLE FR 4	0.58	1.97	66.07	0.0991	-0.8106	-0.0171
910	SLE FR 5	0.59	1.97	66.31	0.0995	-0.8136	-0.0172
910	SLE FR 6	0.59	2	67.59	0.1011	-0.8311	-0.0172
910	SLE QP 1	0.57	1.89	63.81	0.0962	-0.7794	-0.0169
910	SLE QP 2	0.58	1.96	66.08	0.0991	-0.8104	-0.0171
910	SLD 1	7.04	2.58	62.08	0.0856	-0.5996	-0.0841
910	SLD 2	6.43	2.75	61.96	0.0842	-0.6019	-0.0715
910	SLD 3	7.13	0.84	63.52	0.0988	-0.5858	-0.0823
910	SLD 4	6.52	1.02	63.41	0.0974	-0.588	-0.0697
910	SLD 5	2.49	4.74	62.71	0.0754	-0.7678	-0.0423
910	SLD 6	2.09	4.86	62.64	0.0745	-0.7693	-0.0339
910	SLD 7	2.79	-1.04	67.52	0.1192	-0.7216	-0.0361
910	SLD 8	2.39	-0.92	67.45	0.1183	-0.7231	-0.0278
910	SLD 9	-1.23	4.84	64.71	0.08	-0.8978	-0.0064
910	SLD 10	-1.63	4.95	64.64	0.0791	-0.8993	0.002
910	SLD 11	-0.93	-0.94	69.52	0.1238	-0.8516	-0.0002
910	SLD 12	-1.33	-0.83	69.45	0.1228	-0.8531	0.0081
910	SLD 13	-5.36	2.9	68.75	0.1009	-1.0329	0.0355
910	SLD 14	-5.96	3.07	68.64	0.0995	-1.0351	0.0482
910	SLD 15	-5.27	1.16	70.19	0.114	-1.019	0.0374
910	SLD 16	-5.87	1.34	70.08	0.1126	-1.0213	0.05
910	SLV 1	15.69	3.33	56.75	0.0672	-0.3167	-0.1739
910	SLV 2	14.28	3.73	56.49	0.0639	-0.3219	-0.1445
910	SLV 3	15.9	-0.6	60.02	0.097	-0.2851	-0.1697
910	SLV 4	14.48	-0.2	59.76	0.0937	-0.2904	-0.1403
910	SLV 5	5.05	8.26	58.37	0.045	-0.7092	-0.0757
910	SLV 6	4.13	8.52	58.2	0.0429	-0.7126	-0.0566
910	SLV 7	5.74	-4.84	69.26	0.1442	-0.6041	-0.0615
910	SLV 8	4.82	-4.58	69.1	0.142	-0.6075	-0.0425
910	SLV 9	-3.66	8.5	63.06	0.0562	-1.0134	0.0083
910	SLV 10	-4.57	8.76	62.89	0.0541	-1.0168	0.0274
910	SLV 11	-2.96	-4.61	73.96	0.1554	-0.9083	0.0225
910	SLV 12	-3.88	-4.34	73.79	0.1533	-0.9116	0.0415
910	SLV 13	-13.32	4.11	72.4	0.1046	-1.3305	0.1061
910	SLV 14	-14.73	4.52	72.14	0.1013	-1.3358	0.1356
910	SLV 15	-13.11	0.18	75.67	0.1343	-1.299	0.1104
910	SLV 16	-14.53	0.59	75.41	0.1311	-1.3042	0.1398
910	CRTFP Ux+	0	0	0	0	0	0
910	CRTFP Ux-	0	0	0	0	0	0
913	SLU 1	0.45	0.04	20.55	0.5816	5.1887	-0.0217
913	SLU 2	0.45	0.07	20.54	0.5814	5.1875	-0.0286
913	SLU 3	0.46	0.04	21.04	0.5954	5.3126	-0.0223
913	SLU 4	0.46	0.06	21.03	0.5953	5.3118	-0.0265
913	SLU 5	0.46	0.07	20.84	0.5897	5.2616	-0.0286
913	SLU 6	0.47	0.04	21.33	0.6037	5.3867	-0.0223
913	SLU 7	0.47	0.06	21.33	0.6036	5.386	-0.0265
913	SLU 8	0.47	0.04	21.14	0.5982	5.337	-0.0216



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
913	SLU 9	0.47	0.05	21.13	0.5981	5.3362	-0.0258
913	SLU 10	0.49	0.09	23.1	0.6538	5.8341	-0.0362
913	SLU 11	0.5	0.07	23.6	0.6679	5.9592	-0.0299
913	SLU 12	0.5	0.08	23.59	0.6678	5.9585	-0.0341
913	SLU 13	0.49	0.09	23.39	0.6621	5.9082	-0.0362
913	SLU 14	0.5	0.07	23.89	0.6762	6.0333	-0.0299
913	SLU 15	0.51	0.08	23.89	0.6761	6.0326	-0.0341
913	SLU 16	0.5	0.06	23.69	0.6706	5.9836	-0.0292
913	SLU 17	0.5	0.08	23.69	0.6705	5.9829	-0.0334
913	SLU 18	0.5	0.08	24.2	0.6851	6.1125	-0.0325
913	SLU 19	0.5	0.09	24.2	0.685	6.1117	-0.0367
913	SLU 20	0.51	0.08	24.5	0.6934	6.1866	-0.0325
913	SLU 21	0.51	0.09	24.49	0.6933	6.1859	-0.0367
913	SLU 22	0.49	0.07	23.13	0.6546	5.8402	-0.0311
913	SLU 23	0.49	0.1	23.12	0.6544	5.839	-0.0381
913	SLU 24	0.5	0.07	23.61	0.6685	5.9641	-0.0318
913	SLU 25	0.5	0.09	23.61	0.6684	5.9634	-0.036
913	SLU 26	0.5	0.1	23.41	0.6628	5.9131	-0.0381
913	SLU 27	0.51	0.07	23.91	0.6768	6.0383	-0.0318
913	SLU 28	0.51	0.09	23.9	0.6767	6.0375	-0.0359
913	SLU 29	0.5	0.07	23.71	0.6713	5.9885	-0.0311
913	SLU 30	0.51	0.09	23.71	0.6711	5.9878	-0.0353
913	SLU 31	0.52	0.13	25.68	0.7269	6.4856	-0.0457
913	SLU 32	0.53	0.1	26.17	0.741	6.6108	-0.0394
913	SLU 33	0.53	0.12	26.17	0.7408	6.61	-0.0436
913	SLU 34	0.53	0.13	25.97	0.7352	6.5598	-0.0457
913	SLU 35	0.54	0.1	26.47	0.7493	6.6849	-0.0393
913	SLU 36	0.54	0.12	26.46	0.7491	6.6841	-0.0435
913	SLU 37	0.54	0.1	26.27	0.7437	6.6352	-0.0387
913	SLU 38	0.54	0.11	26.27	0.7436	6.6344	-0.0429
913	SLU 39	0.53	0.11	26.78	0.7581	6.764	-0.042
913	SLU 40	0.54	0.13	26.78	0.758	6.7633	-0.0461
913	SLU 41	0.54	0.11	27.07	0.7665	6.8382	-0.0419
913	SLU 42	0.54	0.13	27.07	0.7663	6.8374	-0.0461
913	SLU 43	0.57	0.04	25.83	0.731	6.5219	-0.0249
913	SLU 44	0.58	0.07	25.82	0.7308	6.5207	-0.0319
913	SLU 45	0.59	0.04	26.32	0.7449	6.6458	-0.0256
913	SLU 46	0.59	0.06	26.32	0.7447	6.645	-0.0298
913	SLU 47	0.58	0.07	26.12	0.7391	6.5948	-0.0319
913	SLU 48	0.59	0.04	26.61	0.7532	6.7199	-0.0255
913	SLU 49	0.6	0.06	26.61	0.753	6.7192	-0.0297
913	SLU 50	0.59	0.04	26.42	0.7476	6.6702	-0.0249
913	SLU 51	0.59	0.05	26.41	0.7475	6.6695	-0.0291
913	SLU 52	0.61	0.09	28.38	0.8032	7.1673	-0.0395
913	SLU 53	0.62	0.07	28.88	0.8173	7.2924	-0.0332
913	SLU 54	0.62	0.08	28.87	0.8172	7.2917	-0.0373
913	SLU 55	0.62	0.09	28.68	0.8116	7.2415	-0.0395
913	SLU 56	0.63	0.07	29.17	0.8256	7.3666	-0.0331
913	SLU 57	0.63	0.08	29.17	0.8255	7.3658	-0.0373
913	SLU 58	0.62	0.06	28.97	0.8201	7.3168	-0.0325
913	SLU 59	0.63	0.08	28.97	0.8199	7.3161	-0.0366
913	SLU 60	0.62	0.08	29.48	0.8345	7.4457	-0.0357
913	SLU 61	0.62	0.09	29.48	0.8344	7.445	-0.0399
913	SLU 62	0.63	0.08	29.78	0.8428	7.5198	-0.0357
913	SLU 63	0.63	0.09	29.77	0.8427	7.5191	-0.0399
913	SLU 64	0.61	0.07	28.41	0.8041	7.1735	-0.0344
913	SLU 65	0.61	0.1	28.4	0.8039	7.1722	-0.0414
913	SLU 66	0.62	0.07	28.9	0.8179	7.2973	-0.035
913	SLU 67	0.62	0.09	28.89	0.8178	7.2966	-0.0392
913	SLU 68	0.62	0.1	28.69	0.8122	7.2464	-0.0413
913	SLU 69	0.63	0.07	29.19	0.8262	7.3715	-0.035
913	SLU 70	0.63	0.09	29.19	0.8261	7.3707	-0.0392
913	SLU 71	0.63	0.07	28.99	0.8207	7.3217	-0.0343
913	SLU 72	0.63	0.09	28.99	0.8206	7.321	-0.0385
913	SLU 73	0.64	0.13	30.96	0.8763	7.8189	-0.0489
913	SLU 74	0.65	0.1	31.45	0.8904	7.944	-0.0426
913	SLU 75	0.66	0.12	31.45	0.8903	7.9432	-0.0468
913	SLU 76	0.65	0.13	31.25	0.8846	7.893	-0.0489
913	SLU 77	0.66	0.1	31.75	0.8987	8.0181	-0.0426
913	SLU 78	0.66	0.12	31.74	0.8986	8.0174	-0.0468
913	SLU 79	0.66	0.1	31.55	0.8931	7.9684	-0.0419
913	SLU 80	0.66	0.11	31.55	0.893	7.9676	-0.0461
913	SLU 81	0.66	0.11	32.06	0.9076	8.0972	-0.0452
913	SLU 82	0.66	0.13	32.06	0.9074	8.0965	-0.0494
913	SLU 83	0.67	0.11	32.35	0.9159	8.1714	-0.0452
913	SLU 84	0.67	0.13	32.35	0.9158	8.1706	-0.0494
913	SLE RA 1	0.46	0.05	21.28	0.6024	5.3749	-0.0244
913	SLE RA 2	0.46	0.07	21.28	0.6023	5.374	-0.029
913	SLE RA 3	0.47	0.05	21.61	0.6117	5.4574	-0.0248
913	SLE RA 4	0.47	0.06	21.61	0.6116	5.4569	-0.0276
913	SLE RA 5	0.47	0.07	21.48	0.6079	5.4235	-0.029
913	SLE RA 6	0.47	0.05	21.81	0.6172	5.5069	-0.0248
913	SLE RA 7	0.48	0.06	21.8	0.6172	5.5064	-0.0276
913	SLE RA 8	0.47	0.05	21.68	0.6135	5.4737	-0.0243
913	SLE RA 9	0.47	0.06	21.67	0.6135	5.4732	-0.0271
913	SLE RA 10	0.48	0.08	22.99	0.6506	5.8051	-0.0341
913	SLE RA 11	0.49	0.07	23.32	0.66	5.8885	-0.0299
913	SLE RA 12	0.49	0.08	23.31	0.6599	5.888	-0.0326
913	SLE RA 13	0.49	0.08	23.18	0.6562	5.8545	-0.0341



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
913	SLE RA 14	0.5	0.07	23.51	0.6655	5.938	-0.0298
913	SLE RA 15	0.5	0.08	23.51	0.6655	5.9375	-0.0326
913	SLE RA 16	0.49	0.07	23.38	0.6618	5.9048	-0.0294
913	SLE RA 17	0.5	0.08	23.38	0.6618	5.9043	-0.0322
913	SLE RA 18	0.49	0.07	23.72	0.6714	5.9907	-0.0316
913	SLE RA 19	0.49	0.09	23.72	0.6714	5.9902	-0.0344
913	SLE RA 20	0.5	0.07	23.92	0.677	6.0401	-0.0316
913	SLE RA 21	0.5	0.08	23.91	0.6769	6.0396	-0.0344
913	SLE FR 1	0.46	0.05	21.28	0.6024	5.3749	-0.0244
913	SLE FR 2	0.46	0.05	21.28	0.6024	5.3747	-0.0253
913	SLE FR 3	0.46	0.05	21.36	0.6047	5.3946	-0.0244
913	SLE FR 4	0.47	0.06	22.01	0.6231	5.5594	-0.0275
913	SLE FR 5	0.47	0.06	22.09	0.6254	5.5794	-0.0265
913	SLE FR 6	0.48	0.06	22.5	0.6369	5.6828	-0.028
913	SLE QP 1	0.46	0.05	21.28	0.6024	5.3749	-0.0244
913	SLE QP 2	0.47	0.06	22.02	0.6231	5.5596	-0.0265
913	SLD 1	2.32	0.33	19.34	0.5417	4.7454	-0.1458
913	SLD 2	2.13	0.46	19.14	0.5364	4.7217	-0.173
913	SLD 3	2.34	-0.16	19.88	0.5575	4.8516	-0.0232
913	SLD 4	2.15	-0.03	19.68	0.5523	4.8279	-0.0504
913	SLD 5	1.02	0.86	20.43	0.5756	5.1585	-0.2434
913	SLD 6	0.9	0.94	20.3	0.5722	5.1429	-0.2613
913	SLD 7	1.1	-0.78	22.23	0.6284	5.5126	0.1653
913	SLD 8	0.97	-0.69	22.1	0.6249	5.497	0.1474
913	SLD 9	-0.03	0.8	21.93	0.6214	5.6222	-0.2005
913	SLD 10	-0.16	0.89	21.8	0.6179	5.6066	-0.2184
913	SLD 11	0.04	-0.83	23.73	0.6741	5.9764	0.2083
913	SLD 12	-0.08	-0.74	23.6	0.6706	5.9608	0.1903
913	SLD 13	-1.21	0.14	24.35	0.694	6.2913	-0.0027
913	SLD 14	-1.4	0.27	24.15	0.6888	6.2676	-0.0299
913	SLD 15	-1.19	-0.35	24.89	0.7099	6.3975	0.12
913	SLD 16	-1.38	-0.21	24.69	0.7046	6.3739	0.0927
913	SLV 1	4.79	0.67	15.76	0.4329	3.6561	-0.3013
913	SLV 2	4.36	0.98	15.3	0.4207	3.601	-0.3647
913	SLV 3	4.84	-0.44	16.98	0.4687	3.897	-0.0233
913	SLV 4	4.41	-0.13	16.52	0.4565	3.8419	-0.0868
913	SLV 5	1.76	1.87	18.37	0.5139	4.6328	-0.5195
913	SLV 6	1.48	2.07	18.07	0.506	4.5971	-0.5606
913	SLV 7	1.94	-1.83	22.44	0.6332	5.4358	0.407
913	SLV 8	1.65	-1.63	22.14	0.6253	5.4001	0.366
913	SLV 9	-0.71	1.74	21.89	0.621	5.7191	-0.419
913	SLV 10	-0.99	1.94	21.59	0.6131	5.6834	-0.4601
913	SLV 11	-0.54	-1.96	25.96	0.7403	6.5222	0.5075
913	SLV 12	-0.82	-1.76	25.66	0.7324	6.4865	0.4665
913	SLV 13	-3.47	0.25	27.51	0.7898	7.2774	0.0337
913	SLV 14	-3.9	0.55	27.05	0.7776	7.2222	-0.0297
913	SLV 15	-3.41	-0.86	28.73	0.8256	7.5183	0.3117
913	SLV 16	-3.85	-0.56	28.27	0.8134	7.4631	0.2483
913	CRTFP Ux+	0	0	0	0	0	0
913	CRTFP Ux-	0	0	0	0	0	0
913	CRTFP Uy+	0	0	0	0	0	0
913	CRTFP Uy-	0	0	0	0	0	0
914	SLU 1	-0.78	0.73	51.08	-17.0155	-8.6871	-0.1726
914	SLU 2	-0.78	0.86	51.12	-17.0289	-8.694	-0.1521
914	SLU 3	-0.8	0.75	52.31	-17.4205	-8.8938	-0.1766
914	SLU 4	-0.8	0.83	52.33	-17.4286	-8.898	-0.1643
914	SLU 5	-0.79	0.88	51.87	-17.276	-8.8199	-0.1534
914	SLU 6	-0.81	0.77	53.05	-17.6676	-9.0198	-0.1779
914	SLU 7	-0.81	0.85	53.08	-17.6756	-9.0239	-0.1655
914	SLU 8	-0.8	0.76	52.57	-17.5096	-8.939	-0.1752
914	SLU 9	-0.8	0.84	52.6	-17.5177	-8.9431	-0.1629
914	SLU 10	-0.83	1.02	57.11	-19.0026	-9.7101	-0.1452
914	SLU 11	-0.85	0.91	58.3	-19.3942	-9.9099	-0.1697
914	SLU 12	-0.85	0.99	58.32	-19.4022	-9.9141	-0.1573
914	SLU 13	-0.84	1.04	57.86	-19.2496	-9.836	-0.1465
914	SLU 14	-0.86	0.93	59.04	-19.6412	-10.0359	-0.171
914	SLU 15	-0.86	1.01	59.07	-19.6493	-10.04	-0.1586
914	SLU 16	-0.85	0.92	58.56	-19.4833	-9.955	-0.1683
914	SLU 17	-0.85	1	58.59	-19.4913	-9.9592	-0.156
914	SLU 18	-0.85	0.96	59.64	-19.835	-10.1386	-0.1628
914	SLU 19	-0.85	1.04	59.66	-19.843	-10.1428	-0.1504
914	SLU 20	-0.86	0.98	60.38	-20.082	-10.2646	-0.1641
914	SLU 21	-0.86	1.05	60.41	-20.0901	-10.2687	-0.1517
914	SLU 22	-0.84	0.88	57.2	-19.0301	-9.7241	-0.1712
914	SLU 23	-0.84	1.01	57.24	-19.0435	-9.7311	-0.1506
914	SLU 24	-0.86	0.9	58.42	-19.4351	-9.9309	-0.1751
914	SLU 25	-0.86	0.98	58.45	-19.4432	-9.9351	-0.1628
914	SLU 26	-0.85	1.02	57.99	-19.2906	-9.857	-0.1519
914	SLU 27	-0.87	0.91	59.17	-19.6822	-10.0569	-0.1764
914	SLU 28	-0.87	0.99	59.19	-19.6903	-10.061	-0.1641
914	SLU 29	-0.86	0.91	58.69	-19.5242	-9.976	-0.1737
914	SLU 30	-0.86	0.99	58.71	-19.5323	-9.9802	-0.1614
914	SLU 31	-0.89	1.17	63.23	-21.0172	-10.7471	-0.1437
914	SLU 32	-0.91	1.06	64.41	-21.4088	-10.947	-0.1682
914	SLU 33	-0.91	1.14	64.44	-21.4168	-10.9511	-0.1559
914	SLU 34	-0.9	1.18	63.97	-21.2642	-10.8731	-0.145
914	SLU 35	-0.92	1.08	65.16	-21.6558	-11.0729	-0.1695
914	SLU 36	-0.92	1.15	65.18	-21.6639	-11.0771	-0.1572
914	SLU 37	-0.91	1.07	64.68	-21.4979	-10.9921	-0.1668



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
914	SLU 38	-0.91	1.15	64.7	-21.5059	-10.9963	-0.1545
914	SLU 39	-0.91	1.11	65.76	-21.8496	-11.1757	-0.1613
914	SLU 40	-0.91	1.19	65.78	-21.8576	-11.1798	-0.149
914	SLU 41	-0.92	1.12	66.5	-22.0966	-11.3016	-0.1626
914	SLU 42	-0.92	1.2	66.53	-22.1047	-11.3058	-0.1502
914	SLU 43	-0.99	0.9	64.31	-21.4294	-10.9376	-0.2249
914	SLU 44	-0.99	1.03	64.35	-21.4428	-10.9445	-0.2044
914	SLU 45	-1.01	0.92	65.53	-21.8344	-11.1444	-0.2289
914	SLU 46	-1.01	1	65.56	-21.8425	-11.1485	-0.2165
914	SLU 47	-1	1.05	65.1	-21.6899	-11.0705	-0.2057
914	SLU 48	-1.02	0.94	66.28	-22.0815	-11.2703	-0.2302
914	SLU 49	-1.02	1.01	66.3	-22.0896	-11.2745	-0.2178
914	SLU 50	-1.01	0.93	65.8	-21.9235	-11.1895	-0.2275
914	SLU 51	-1.01	1.01	65.83	-21.9316	-11.1937	-0.2152
914	SLU 52	-1.05	1.19	70.34	-23.4165	-11.9606	-0.1975
914	SLU 53	-1.06	1.08	71.52	-23.8081	-12.1605	-0.222
914	SLU 54	-1.06	1.16	71.55	-23.8161	-12.1646	-0.2096
914	SLU 55	-1.06	1.21	71.09	-23.6635	-12.0866	-0.1988
914	SLU 56	-1.07	1.1	72.27	-24.0552	-12.2864	-0.2233
914	SLU 57	-1.07	1.18	72.29	-24.0632	-12.2906	-0.2109
914	SLU 58	-1.06	1.09	71.79	-23.8972	-12.2056	-0.2206
914	SLU 59	-1.06	1.17	71.82	-23.9052	-12.2097	-0.2083
914	SLU 60	-1.06	1.13	72.87	-24.2489	-12.3892	-0.2151
914	SLU 61	-1.06	1.21	72.89	-24.2569	-12.3933	-0.2027
914	SLU 62	-1.07	1.14	73.61	-24.4959	-12.5151	-0.2163
914	SLU 63	-1.08	1.22	73.64	-24.504	-12.5193	-0.204
914	SLU 64	-1.05	1.05	70.43	-23.444	-11.9747	-0.2234
914	SLU 65	-1.05	1.18	70.47	-23.4574	-11.9816	-0.2029
914	SLU 66	-1.07	1.07	71.65	-23.849	-12.1815	-0.2274
914	SLU 67	-1.07	1.15	71.67	-23.8571	-12.1856	-0.2151
914	SLU 68	-1.07	1.19	71.21	-23.7045	-12.1076	-0.2042
914	SLU 69	-1.08	1.08	72.4	-24.0961	-12.3074	-0.2287
914	SLU 70	-1.08	1.16	72.42	-24.1042	-12.3116	-0.2164
914	SLU 71	-1.07	1.08	71.92	-23.9381	-12.2266	-0.226
914	SLU 72	-1.07	1.16	71.94	-23.9462	-12.2307	-0.2137
914	SLU 73	-1.11	1.34	76.46	-25.4311	-12.9977	-0.196
914	SLU 74	-1.12	1.23	77.64	-25.8227	-13.1975	-0.2205
914	SLU 75	-1.12	1.31	77.66	-25.8308	-13.2017	-0.2082
914	SLU 76	-1.12	1.35	77.2	-25.6782	-13.1236	-0.1973
914	SLU 77	-1.13	1.24	78.39	-26.0698	-13.3235	-0.2218
914	SLU 78	-1.13	1.32	78.41	-26.0778	-13.3276	-0.2095
914	SLU 79	-1.12	1.24	77.91	-25.9118	-13.2427	-0.2191
914	SLU 80	-1.12	1.32	77.93	-25.9198	-13.2468	-0.2068
914	SLU 81	-1.12	1.28	78.98	-26.2635	-13.4262	-0.2136
914	SLU 82	-1.12	1.35	79.01	-26.2716	-13.4304	-0.2013
914	SLU 83	-1.13	1.29	79.73	-26.5106	-13.5522	-0.2149
914	SLU 84	-1.14	1.37	79.75	-26.5186	-13.5563	-0.2025
914	SLE RA 1	-0.79	0.79	52.83	-17.5911	-8.9834	-0.1722
914	SLE RA 2	-0.8	0.86	52.86	-17.6	-8.988	-0.1585
914	SLE RA 3	-0.81	0.79	53.65	-17.8611	-9.1212	-0.1748
914	SLE RA 4	-0.81	0.84	53.66	-17.8665	-9.124	-0.1666
914	SLE RA 5	-0.8	0.87	53.35	-17.7647	-9.072	-0.1594
914	SLE RA 6	-0.81	0.8	54.14	-18.0258	-9.2052	-0.1757
914	SLE RA 7	-0.82	0.85	54.16	-18.0312	-9.208	-0.1675
914	SLE RA 8	-0.81	0.79	53.82	-17.9205	-9.1513	-0.1739
914	SLE RA 9	-0.81	0.85	53.84	-17.9259	-9.1657	-0.1657
914	SLE RA 10	-0.83	0.97	56.85	-18.9158	-9.6654	-0.1539
914	SLE RA 11	-0.84	0.89	57.64	-19.1769	-9.7986	-0.1702
914	SLE RA 12	-0.84	0.95	57.66	-19.1822	-9.8014	-0.162
914	SLE RA 13	-0.84	0.98	57.35	-19.0805	-9.7493	-0.1548
914	SLE RA 14	-0.85	0.9	58.14	-19.3416	-9.8826	-0.1711
914	SLE RA 15	-0.85	0.96	58.15	-19.347	-9.8853	-0.1629
914	SLE RA 16	-0.84	0.9	57.82	-19.2363	-9.8287	-0.1693
914	SLE RA 17	-0.84	0.95	57.83	-19.2416	-9.8315	-0.1611
914	SLE RA 18	-0.84	0.93	58.53	-19.4707	-9.9511	-0.1656
914	SLE RA 19	-0.84	0.98	58.55	-19.4761	-9.9538	-0.1574
914	SLE RA 20	-0.85	0.94	59.03	-19.6354	-10.035	-0.1665
914	SLE RA 21	-0.85	0.99	59.05	-19.6408	-10.0378	-0.1583
914	SLE FR 1	-0.79	0.77	52.83	-17.5911	-8.9834	-0.1722
914	SLE FR 2	-0.79	0.79	52.84	-17.5928	-8.9843	-0.1695
914	SLE FR 3	-0.8	0.78	53.03	-17.6569	-9.017	-0.1726
914	SLE FR 4	-0.81	0.84	54.55	-18.1568	-9.2746	-0.1675
914	SLE FR 5	-0.81	0.82	54.74	-18.2208	-9.3073	-0.1706
914	SLE FR 6	-0.82	0.85	55.68	-18.5309	-9.4672	-0.1689
914	SLE QP 1	-0.79	0.77	52.83	-17.5911	-8.9834	-0.1722
914	SLE QP 2	-0.81	0.82	54.54	-18.155	-9.2737	-0.1702
914	SLD 1	3.37	1.76	67.86	-22.6701	-11.4405	1.5377
914	SLD 2	2.93	1	68.67	-22.9193	-11.5819	1.2464
914	SLD 3	3.22	-0.09	68.93	-22.9928	-11.6215	1.1648
914	SLD 4	2.79	-0.86	69.74	-23.242	-11.7629	0.8735
914	SLD 5	0.75	4.05	56.78	-18.9754	-9.6239	0.9599
914	SLD 6	0.46	3.54	57.31	-19.1395	-9.717	0.7681
914	SLD 7	0.25	-2.12	60.33	-20.0511	-10.2272	-0.283
914	SLD 8	-0.03	-2.63	60.86	-20.2152	-10.3203	-0.4749
914	SLD 9	-1.58	4.27	48.22	-16.0947	-8.2271	0.1344
914	SLD 10	-1.87	3.76	48.75	-16.2588	-8.3202	-0.0574
914	SLD 11	-2.08	-1.9	51.77	-17.1704	-8.8304	-1.1086
914	SLD 12	-2.36	-2.41	52.31	-17.3345	-8.9235	-1.3004
914	SLD 13	-4.4	2.49	39.34	-13.0679	-6.7845	-1.214



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
914	SLD 14	-4.83	1.72	40.15	-13.3171	-6.9258	-1.5053
914	SLD 15	-4.55	0.64	40.41	-13.3906	-6.9655	-1.5869
914	SLD 16	-4.98	-0.13	41.22	-13.6398	-7.1068	-1.8782
914	SLV 1	8.95	2.96	85.77	-28.7363	-14.3526	3.8103
914	SLV 2	7.94	1.16	87.65	-29.3167	-14.6818	3.1319
914	SLV 3	8.61	-1.24	88.18	-29.4668	-14.7626	2.9661
914	SLV 4	7.61	-3.03	90.07	-30.0472	-15.0918	2.2878
914	SLV 5	2.8	8.13	59.92	-20.1207	-10.1185	2.422
914	SLV 6	2.15	6.97	61.14	-20.4963	-10.3315	1.983
914	SLV 7	1.69	-5.85	67.96	-22.5557	-11.485	-0.3919
914	SLV 8	1.04	-7.01	69.18	-22.9313	-11.698	-0.8309
914	SLV 9	-2.65	8.64	39.9	-13.3786	-6.8493	0.4904
914	SLV 10	-3.3	7.48	41.12	-13.7542	-7.0624	0.0515
914	SLV 11	-3.77	-5.33	47.94	-15.8137	-8.2159	-2.3235
914	SLV 12	-4.42	-6.49	49.16	-16.1892	-8.4289	-2.7625
914	SLV 13	-9.22	4.66	19.02	-6.2627	-3.4556	-2.6282
914	SLV 14	-10.23	2.87	20.9	-6.8431	-3.7848	-3.3066
914	SLV 15	-9.56	0.47	21.43	-6.9932	-3.8655	-3.4724
914	SLV 16	-10.56	-1.32	23.31	-7.5736	-4.1947	-4.1508
914	CRTFP Ux+	0	0	0	0	0	0
914	CRTFP Ux-	0	0	0	0	0	0
914	CRTFP Uy+	0	0	0	0	0	0
914	CRTFP Uy-	0	0	0	0	0	0
916	SLU 1	-0.61	0.45	31.95	-15.9543	-0.814	-0.3385
916	SLU 2	-0.61	0.54	31.98	-15.9669	-0.8146	-0.3402
916	SLU 3	-0.62	0.47	32.71	-16.3284	-0.8331	-0.347
916	SLU 4	-0.63	0.52	32.73	-16.336	-0.8335	-0.348
916	SLU 5	-0.62	0.55	32.44	-16.1953	-0.8263	-0.3447
916	SLU 6	-0.63	0.48	33.17	-16.5568	-0.8448	-0.3516
916	SLU 7	-0.63	0.53	33.19	-16.5644	-0.8451	-0.3525
916	SLU 8	-0.62	0.47	32.88	-16.411	-0.8373	-0.3476
916	SLU 9	-0.63	0.53	32.89	-16.4186	-0.8377	-0.3486
916	SLU 10	-0.66	0.65	35.69	-17.7895	-0.9086	-0.3643
916	SLU 11	-0.67	0.57	36.42	-18.1509	-0.9272	-0.3711
916	SLU 12	-0.67	0.62	36.44	-18.1585	-0.9275	-0.3721
916	SLU 13	-0.67	0.66	36.15	-18.0178	-0.9203	-0.3688
916	SLU 14	-0.68	0.58	36.89	-18.3793	-0.9388	-0.3757
916	SLU 15	-0.68	0.63	36.9	-18.3869	-0.9392	-0.3766
916	SLU 16	-0.67	0.58	36.59	-18.2335	-0.9314	-0.3717
916	SLU 17	-0.67	0.63	36.6	-18.2411	-0.9317	-0.3727
916	SLU 18	-0.67	0.6	37.26	-18.5579	-0.9483	-0.373
916	SLU 19	-0.68	0.65	37.27	-18.5655	-0.9487	-0.3739
916	SLU 20	-0.68	0.61	37.72	-18.7863	-0.96	-0.3775
916	SLU 21	-0.69	0.66	37.73	-18.7939	-0.9604	-0.3785
916	SLU 22	-0.66	0.55	35.74	-17.8135	-0.9099	-0.3658
916	SLU 23	-0.66	0.64	35.76	-17.8261	-0.9105	-0.3674
916	SLU 24	-0.67	0.56	36.5	-18.1876	-0.929	-0.3743
916	SLU 25	-0.68	0.62	36.51	-18.1952	-0.9294	-0.3752
916	SLU 26	-0.67	0.65	36.23	-18.0545	-0.9221	-0.3719
916	SLU 27	-0.68	0.57	36.96	-18.416	-0.9407	-0.3788
916	SLU 28	-0.69	0.63	36.98	-18.4236	-0.941	-0.3798
916	SLU 29	-0.67	0.57	36.66	-18.2702	-0.9332	-0.3748
916	SLU 30	-0.68	0.62	36.68	-18.2778	-0.9336	-0.3758
916	SLU 31	-0.71	0.74	39.48	-19.6487	-1.0045	-0.3915
916	SLU 32	-0.72	0.67	40.21	-20.0102	-1.023	-0.3984
916	SLU 33	-0.72	0.72	40.22	-20.0178	-1.0234	-0.3993
916	SLU 34	-0.72	0.75	39.94	-19.8771	-1.0162	-0.396
916	SLU 35	-0.73	0.68	40.67	-20.2385	-1.0347	-0.4029
916	SLU 36	-0.73	0.73	40.69	-20.2461	-1.0351	-0.4039
916	SLU 37	-0.72	0.67	40.38	-20.0927	-1.0272	-0.3989
916	SLU 38	-0.72	0.73	40.39	-20.1003	-1.0276	-0.3999
916	SLU 39	-0.72	0.7	40.41	-20.4171	-1.0442	-0.4002
916	SLU 40	-0.73	0.75	41.06	-20.4247	-1.0446	-0.4012
916	SLU 41	-0.73	0.71	41.5	-20.6455	-1.0559	-0.4047
916	SLU 42	-0.74	0.76	41.52	-20.6531	-1.0563	-0.4057
916	SLU 43	-0.77	0.56	40.24	-20.1031	-1.0253	-0.4308
916	SLU 44	-0.78	0.65	40.27	-20.1158	-1.0259	-0.4324
916	SLU 45	-0.79	0.57	41	-20.4772	-1.0444	-0.4393
916	SLU 46	-0.79	0.63	41.01	-20.4848	-1.0448	-0.4402
916	SLU 47	-0.79	0.66	40.73	-20.3441	-1.0376	-0.4369
916	SLU 48	-0.79	0.58	41.46	-20.7056	-1.0561	-0.4438
916	SLU 49	-0.8	0.64	41.48	-20.7132	-1.0565	-0.4448
916	SLU 50	-0.79	0.58	41.17	-20.5598	-1.0486	-0.4398
916	SLU 51	-0.79	0.63	41.18	-20.5674	-1.049	-0.4408
916	SLU 52	-0.82	0.75	43.98	-21.9383	-1.12	-0.4565
916	SLU 53	-0.83	0.67	44.71	-22.2998	-1.1385	-0.4634
916	SLU 54	-0.84	0.73	44.73	-22.3074	-1.1388	-0.4643
916	SLU 55	-0.83	0.76	44.44	-22.1667	-1.1316	-0.461
916	SLU 56	-0.84	0.68	45.17	-22.5281	-1.1501	-0.4679
916	SLU 57	-0.84	0.74	45.19	-22.5357	-1.1505	-0.4689
916	SLU 58	-0.83	0.68	44.88	-22.3824	-1.1427	-0.4639
916	SLU 59	-0.84	0.74	44.89	-22.39	-1.143	-0.4649
916	SLU 60	-0.84	0.7	45.54	-22.7067	-1.1596	-0.4652
916	SLU 61	-0.84	0.76	45.56	-22.7143	-1.16	-0.4662
916	SLU 62	-0.85	0.72	46.01	-22.9351	-1.1713	-0.4697
916	SLU 63	-0.85	0.77	46.02	-22.9427	-1.1717	-0.4707
916	SLU 64	-0.82	0.65	44.03	-21.9623	-1.1212	-0.458
916	SLU 65	-0.83	0.74	44.05	-21.975	-1.1218	-0.4596
916	SLU 66	-0.84	0.67	44.79	-22.3364	-1.1403	-0.4665



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
916	SLU 67	-0.84	0.72	44.8	-22.344	-1.1407	-0.4675
916	SLU 68	-0.84	0.75	44.52	-22.2033	-1.1335	-0.4642
916	SLU 69	-0.85	0.68	45.25	-22.5648	-1.152	-0.471
916	SLU 70	-0.85	0.73	45.26	-22.5724	-1.1523	-0.472
916	SLU 71	-0.84	0.67	44.95	-22.419	-1.1445	-0.4671
916	SLU 72	-0.84	0.73	44.97	-22.4266	-1.1449	-0.468
916	SLU 73	-0.88	0.84	47.76	-23.7975	-1.2158	-0.4837
916	SLU 74	-0.88	0.77	48.5	-24.159	-1.2344	-0.4906
916	SLU 75	-0.89	0.82	48.51	-24.1666	-1.2347	-0.4916
916	SLU 76	-0.88	0.86	48.23	-24.0259	-1.2275	-0.4882
916	SLU 77	-0.89	0.78	48.96	-24.3873	-1.246	-0.4951
916	SLU 78	-0.9	0.83	48.97	-24.395	-1.2464	-0.4961
916	SLU 79	-0.89	0.78	48.66	-24.2416	-1.2386	-0.4912
916	SLU 80	-0.89	0.83	48.68	-24.2492	-1.2389	-0.4921
916	SLU 81	-0.89	0.8	49.33	-24.5659	-1.2555	-0.4924
916	SLU 82	-0.89	0.85	49.34	-24.5735	-1.2559	-0.4934
916	SLU 83	-0.9	0.81	49.79	-24.7943	-1.2672	-0.497
916	SLU 84	-0.9	0.86	49.81	-24.8019	-1.2676	-0.4979
916	SLE RA 1	-0.62	0.48	33.04	-16.4855	-0.8414	-0.3463
916	SLE RA 2	-0.63	0.54	33.05	-16.4939	-0.8418	-0.3474
916	SLE RA 3	-0.63	0.49	33.54	-16.7349	-0.8541	-0.352
916	SLE RA 4	-0.63	0.53	33.55	-16.74	-0.8544	-0.3526
916	SLE RA 5	-0.63	0.55	33.36	-16.6461	-0.8496	-0.3504
916	SLE RA 6	-0.64	0.5	33.85	-16.8871	-0.8619	-0.355
916	SLE RA 7	-0.64	0.53	33.86	-16.8922	-0.8621	-0.3557
916	SLE RA 8	-0.63	0.49	33.65	-16.7899	-0.8569	-0.3524
916	SLE RA 9	-0.64	0.53	33.66	-16.795	-0.8572	-0.353
916	SLE RA 10	-0.66	0.61	35.53	-17.7089	-0.9045	-0.3635
916	SLE RA 11	-0.66	0.56	36.01	-17.9499	-0.9168	-0.3681
916	SLE RA 12	-0.67	0.59	36.02	-17.955	-0.9171	-0.3687
916	SLE RA 13	-0.66	0.62	35.83	-17.8612	-0.9123	-0.3665
916	SLE RA 14	-0.67	0.57	36.32	-18.1022	-0.9246	-0.3711
916	SLE RA 15	-0.67	0.6	36.33	-18.1072	-0.9248	-0.3717
916	SLE RA 16	-0.66	0.56	36.13	-18.005	-0.9196	-0.3684
916	SLE RA 17	-0.67	0.6	36.14	-18.01	-0.9199	-0.3691
916	SLE RA 18	-0.67	0.58	36.57	-18.2212	-0.9309	-0.3693
916	SLE RA 19	-0.67	0.61	36.58	-18.2263	-0.9312	-0.3699
916	SLE RA 20	-0.67	0.59	36.88	-18.3735	-0.9387	-0.3723
916	SLE RA 21	-0.67	0.62	36.89	-18.3785	-0.939	-0.3729
916	SLE FR 1	-0.62	0.48	33.04	-16.4855	-0.8414	-0.3463
916	SLE FR 2	-0.62	0.49	33.04	-16.4872	-0.8414	-0.3465
916	SLE FR 3	-0.62	0.48	33.16	-16.5464	-0.8445	-0.3475
916	SLE FR 4	-0.64	0.52	34.1	-17.0079	-0.8683	-0.3534
916	SLE FR 5	-0.64	0.51	34.22	-17.0671	-0.8713	-0.3544
916	SLE FR 6	-0.64	0.53	34.8	-17.3533	-0.8862	-0.3578
916	SLE QP 1	-0.62	0.48	33.04	-16.4855	-0.8414	-0.3463
916	SLE QP 2	-0.63	0.51	34.1	-17.0062	-0.8682	-0.3532
916	SLD 1	2.3	1.15	42.2	-21.1119	-1.0631	1.3494
916	SLD 2	2.01	0.63	42.69	-21.3407	-1.0755	1.1714
916	SLD 3	2.23	-0.11	42.81	-21.3928	-1.078	1.2795
916	SLD 4	1.94	-0.63	43.3	-21.6216	-1.0904	1.1016
916	SLD 5	0.4	2.72	35.51	-17.7708	-0.9019	0.2954
916	SLD 6	0.22	2.37	35.83	-17.9215	-0.9101	0.1782
916	SLD 7	0.17	-1.5	37.55	-18.7072	-0.9515	0.0626
916	SLD 8	-0.02	-1.84	37.87	-18.8579	-0.9597	-0.0546
916	SLD 9	-1.25	2.86	30.32	-15.1545	-0.7768	-0.6518
916	SLD 10	-1.44	2.52	30.64	-15.3052	-0.785	-0.769
916	SLD 11	-1.48	-1.35	32.36	-16.0908	-0.8264	-0.8846
916	SLD 12	-1.67	-1.69	32.68	-16.2415	-0.8346	-1.0018
916	SLD 13	-3.21	1.65	24.89	-12.3908	-0.6461	-1.808
916	SLD 14	-3.5	1.13	25.38	-12.6196	-0.6585	-1.986
916	SLD 15	-3.28	0.39	25.51	-12.6717	-0.661	-1.8778
916	SLD 16	-3.57	-0.13	25.99	-12.9005	-0.6734	-2.0558
916	SLV 1	6.22	1.97	53.09	-26.6275	-1.3249	3.6266
916	SLV 2	5.56	0.75	54.22	-27.1603	-1.3538	3.2122
916	SLV 3	6.06	-0.9	54.47	-27.2635	-1.3587	3.4685
916	SLV 4	5.4	-2.11	55.6	-27.7964	-1.3875	3.0541
916	SLV 5	1.78	5.5	37.5	-18.8354	-0.9491	1.1525
916	SLV 6	1.35	4.72	38.23	-19.1802	-0.9678	0.8843
916	SLV 7	1.25	-4.05	42.11	-20.9556	-1.0615	0.6254
916	SLV 8	0.82	-4.83	42.84	-21.3005	-1.0801	0.3572
916	SLV 9	-2.08	5.85	25.35	-12.7119	-0.6563	-1.0637
916	SLV 10	-2.51	5.07	26.08	-13.0567	-0.675	-1.3318
916	SLV 11	-2.62	-3.69	29.96	-14.8322	-0.7687	-1.5908
916	SLV 12	-3.05	-4.48	30.69	-15.177	-0.7874	-1.8589
916	SLV 13	-6.67	3.14	12.59	-6.216	-0.349	-3.7605
916	SLV 14	-7.33	1.92	13.72	-6.7488	-0.3778	-4.1749
916	SLV 15	-6.83	0.27	13.97	-6.852	-0.3827	-3.9187
916	SLV 16	-7.49	-0.95	15.1	-7.3849	-0.4115	-4.333
916	CRTFP Ux+	0	0	0	0	0	0
916	CRTFP Ux-	0	0	0	0	0	0
916	CRTFP Uy+	0	0	0	0	0	0
916	CRTFP Uy-	0	0	0	0	0	0
917	SLU 1	-0.72	0.42	33.95	-15.8561	0.1081	-0.4152
917	SLU 2	-0.72	0.52	33.98	-15.8686	0.1082	-0.4201
917	SLU 3	-0.73	0.43	34.75	-16.2213	0.1109	-0.4257
917	SLU 4	-0.74	0.49	34.76	-16.2288	0.111	-0.4286
917	SLU 5	-0.73	0.53	34.46	-16.0916	0.1099	-0.4258
917	SLU 6	-0.74	0.44	35.23	-16.4442	0.1126	-0.4314



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
917	SLU 7	-0.75	0.5	35.25	-16.4517	0.1127	-0.4343
917	SLU 8	-0.74	0.44	34.92	-16.302	0.1115	-0.4266
917	SLU 9	-0.74	0.5	34.94	-16.3095	0.1116	-0.4296
917	SLU 10	-0.78	0.62	37.9	-17.6524	0.1213	-0.4523
917	SLU 11	-0.79	0.53	38.67	-18.0051	0.124	-0.4579
917	SLU 12	-0.79	0.59	38.69	-18.0126	0.1241	-0.4609
917	SLU 13	-0.79	0.63	38.38	-17.8754	0.1231	-0.458
917	SLU 14	-0.8	0.54	39.16	-18.228	0.1258	-0.4636
917	SLU 15	-0.8	0.6	39.17	-18.2355	0.1258	-0.4665
917	SLU 16	-0.79	0.54	38.85	-18.0858	0.1247	-0.4588
917	SLU 17	-0.79	0.6	38.86	-18.0933	0.1247	-0.4618
917	SLU 18	-0.79	0.56	39.55	-18.4044	0.1269	-0.4612
917	SLU 19	-0.8	0.62	39.57	-18.4119	0.1269	-0.4642
917	SLU 20	-0.8	0.57	40.04	-18.6274	0.1286	-0.4669
917	SLU 21	-0.81	0.63	40.06	-18.6349	0.1286	-0.4699
917	SLU 22	-0.78	0.51	37.95	-17.6741	0.1216	-0.4508
917	SLU 23	-0.78	0.61	37.97	-17.6866	0.1217	-0.4557
917	SLU 24	-0.79	0.53	38.75	-18.0392	0.1244	-0.4613
917	SLU 25	-0.8	0.59	38.76	-18.0467	0.1245	-0.4642
917	SLU 26	-0.79	0.62	38.46	-17.9095	0.1235	-0.4614
917	SLU 27	-0.8	0.54	39.23	-18.2622	0.1262	-0.467
917	SLU 28	-0.81	0.6	39.25	-18.2697	0.1262	-0.4699
917	SLU 29	-0.8	0.53	38.92	-18.12	0.1251	-0.4622
917	SLU 30	-0.8	0.59	38.94	-18.1275	0.1251	-0.4651
917	SLU 31	-0.84	0.71	41.9	-19.4704	0.1349	-0.4879
917	SLU 32	-0.85	0.63	42.67	-19.823	0.1376	-0.4935
917	SLU 33	-0.85	0.69	42.68	-19.8305	0.1376	-0.4964
917	SLU 34	-0.85	0.72	42.38	-19.6933	0.1366	-0.4936
917	SLU 35	-0.86	0.64	43.16	-20.046	0.1393	-0.4992
917	SLU 36	-0.86	0.7	43.17	-20.0535	0.1394	-0.5021
917	SLU 37	-0.85	0.63	42.84	-19.9038	0.1382	-0.4944
917	SLU 38	-0.86	0.69	42.86	-19.9113	0.1383	-0.4973
917	SLU 39	-0.85	0.65	43.55	-20.2224	0.1404	-0.4968
917	SLU 40	-0.86	0.71	43.57	-20.2299	0.1405	-0.4997
917	SLU 41	-0.86	0.67	44.04	-20.4453	0.1421	-0.5025
917	SLU 42	-0.87	0.72	44.05	-20.4528	0.1422	-0.5054
917	SLU 43	-0.91	0.51	42.76	-19.9896	0.1359	-0.5276
917	SLU 44	-0.92	0.61	42.79	-20.0021	0.136	-0.5325
917	SLU 45	-0.93	0.52	43.56	-20.3548	0.1387	-0.5381
917	SLU 46	-0.93	0.58	43.58	-20.3623	0.1388	-0.541
917	SLU 47	-0.93	0.62	43.28	-20.2251	0.1377	-0.5382
917	SLU 48	-0.94	0.54	44.05	-20.5777	0.1404	-0.5438
917	SLU 49	-0.94	0.59	44.06	-20.5853	0.1405	-0.5467
917	SLU 50	-0.93	0.53	43.74	-20.4356	0.1393	-0.539
917	SLU 51	-0.93	0.59	43.75	-20.4431	0.1394	-0.5419
917	SLU 52	-0.97	0.71	46.71	-21.7859	0.1491	-0.5647
917	SLU 53	-0.98	0.62	47.48	-22.1386	0.1518	-0.5703
917	SLU 54	-0.99	0.68	47.5	-22.1461	0.1519	-0.5732
917	SLU 55	-0.98	0.72	47.2	-22.0089	0.1508	-0.5704
917	SLU 56	-0.99	0.64	47.97	-22.3615	0.1535	-0.576
917	SLU 57	-1	0.69	47.99	-22.369	0.1536	-0.5789
917	SLU 58	-0.98	0.63	47.66	-22.2194	0.1524	-0.5712
917	SLU 59	-0.99	0.69	47.67	-22.2269	0.1525	-0.5742
917	SLU 60	-0.99	0.65	48.37	-22.5379	0.1547	-0.5736
917	SLU 61	-0.99	0.71	48.38	-22.5454	0.1547	-0.5766
917	SLU 62	-1	0.66	48.85	-22.7609	0.1564	-0.5793
917	SLU 63	-1	0.72	48.87	-22.7684	0.1564	-0.5823
917	SLU 64	-0.97	0.6	46.76	-21.8076	0.1494	-0.5632
917	SLU 65	-0.98	0.7	46.79	-21.8201	0.1495	-0.5681
917	SLU 66	-0.99	0.62	47.56	-22.1728	0.1522	-0.5736
917	SLU 67	-0.99	0.68	47.58	-22.1803	0.1523	-0.5766
917	SLU 68	-0.99	0.71	47.27	-22.0431	0.1512	-0.5738
917	SLU 69	-1	0.63	48.05	-22.3957	0.1539	-0.5793
917	SLU 70	-1	0.69	48.06	-22.4032	0.154	-0.5823
917	SLU 71	-0.99	0.63	47.74	-22.2535	0.1528	-0.5746
917	SLU 72	-0.99	0.68	47.75	-22.261	0.1529	-0.5775
917	SLU 73	-1.03	0.8	50.71	-23.6039	0.1627	-0.6003
917	SLU 74	-1.04	0.72	51.48	-23.9566	0.1654	-0.6058
917	SLU 75	-1.05	0.78	51.5	-23.9641	0.1654	-0.6088
917	SLU 76	-1.04	0.81	51.2	-23.8269	0.1644	-0.606
917	SLU 77	-1.05	0.73	51.97	-24.1795	0.1671	-0.6115
917	SLU 78	-1.06	0.79	51.99	-24.187	0.1671	-0.6145
917	SLU 79	-1.04	0.73	51.66	-24.0373	0.166	-0.6068
917	SLU 80	-1.05	0.79	51.67	-24.0448	0.1661	-0.6097
917	SLU 81	-1.05	0.75	52.37	-24.3559	0.1682	-0.6092
917	SLU 82	-1.05	0.81	52.38	-24.3634	0.1683	-0.6121
917	SLU 83	-1.06	0.76	52.85	-24.5789	0.1699	-0.6149
917	SLU 84	-1.06	0.82	52.87	-24.5864	0.17	-0.6178
917	SLE RA 1	-0.73	0.44	35.09	-16.3755	0.112	-0.4254
917	SLE RA 2	-0.74	0.51	35.11	-16.3839	0.112	-0.4287
917	SLE RA 3	-0.74	0.45	35.62	-16.619	0.1138	-0.4324
917	SLE RA 4	-0.75	0.49	35.63	-16.624	0.1139	-0.4343
917	SLE RA 5	-0.74	0.52	35.43	-16.5325	0.1132	-0.4324
917	SLE RA 6	-0.75	0.46	35.95	-16.7676	0.115	-0.4362
917	SLE RA 7	-0.75	0.5	35.96	-16.7726	0.115	-0.4381
917	SLE RA 8	-0.75	0.46	35.74	-16.6728	0.1142	-0.433
917	SLE RA 9	-0.75	0.5	35.75	-16.6778	0.1143	-0.4349
917	SLE RA 10	-0.77	0.58	37.72	-17.5731	0.1208	-0.4501
917	SLE RA 11	-0.78	0.52	38.24	-17.8082	0.1226	-0.4538



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
917	SLE RA 12	-0.78	0.56	38.25	-17.8132	0.1226	-0.4558
917	SLE RA 13	-0.78	0.58	38.05	-17.7217	0.1219	-0.4539
917	SLE RA 14	-0.79	0.53	38.56	-17.9568	0.1237	-0.4576
917	SLE RA 15	-0.79	0.57	38.57	-17.9618	0.1238	-0.4596
917	SLE RA 16	-0.78	0.53	38.36	-17.862	0.123	-0.4545
917	SLE RA 17	-0.79	0.56	38.37	-17.867	0.1231	-0.4564
917	SLE RA 18	-0.79	0.54	38.83	-18.0744	0.1245	-0.4561
917	SLE RA 19	-0.79	0.58	38.84	-18.0794	0.1245	-0.458
917	SLE RA 20	-0.79	0.55	39.15	-18.223	0.1256	-0.4599
917	SLE RA 21	-0.79	0.59	39.16	-18.228	0.1257	-0.4618
917	SLE FR 1	-0.73	0.44	35.09	-16.3755	0.112	-0.4254
917	SLE FR 2	-0.73	0.46	35.1	-16.3772	0.112	-0.426
917	SLE FR 3	-0.74	0.45	35.22	-16.435	0.1124	-0.4269
917	SLE FR 4	-0.75	0.49	36.22	-16.8869	0.1157	-0.4352
917	SLE FR 5	-0.75	0.48	36.34	-16.9446	0.1162	-0.4361
917	SLE FR 6	-0.76	0.49	36.96	-17.225	0.1182	-0.4407
917	SLE QP 1	-0.73	0.44	35.09	-16.3755	0.112	-0.4254
917	SLE QP 2	-0.75	0.47	36.21	-16.8852	0.1157	-0.4346
917	SLD 1	2.69	1.19	44.28	-20.702	0.1615	1.5395
917	SLD 2	2.35	0.62	44.8	-20.9322	0.1631	1.3486
917	SLD 3	2.6	-0.21	44.9	-20.9638	0.1648	1.4948
917	SLD 4	2.27	-0.78	45.41	-21.194	0.1664	1.3039
917	SLD 5	0.47	2.9	37.6	-17.5918	0.1241	0.2597
917	SLD 6	0.25	2.53	37.95	-17.7434	0.1251	0.134
917	SLD 7	0.19	-1.74	39.66	-18.4646	0.1352	0.1106
917	SLD 8	-0.03	-2.12	40	-18.6162	0.1363	-0.0151
917	SLD 9	-1.47	3.07	32.42	-15.1542	0.0951	-0.8541
917	SLD 10	-1.69	2.69	32.76	-15.3058	0.0962	-0.9798
917	SLD 11	-1.74	-1.58	34.48	-16.0269	0.1063	-1.0032
917	SLD 12	-1.96	-1.96	34.82	-16.1785	0.1074	-1.1289
917	SLD 13	-3.77	1.73	27.01	-12.5764	0.065	-2.1731
917	SLD 14	-4.1	1.15	27.53	-12.8066	0.0666	-2.364
917	SLD 15	-3.85	0.33	27.63	-12.8382	0.0684	-2.2178
917	SLD 16	-4.18	-0.24	28.15	-13.0684	0.07	-2.4087
917	SLV 1	7.28	2.08	55.12	-25.8292	0.2229	4.1817
917	SLV 2	6.5	0.75	56.32	-26.3653	0.2266	3.7372
917	SLV 3	7.1	-1.08	56.52	-26.4227	0.2305	4.0797
917	SLV 4	6.32	-2.41	57.72	-26.9588	0.2342	3.6352
917	SLV 5	2.08	5.98	39.56	-18.5753	0.1357	1.182
917	SLV 6	1.57	5.12	40.33	-18.9222	0.1381	0.8944
917	SLV 7	1.46	-4.55	44.22	-20.5534	0.161	0.8423
917	SLV 8	0.95	-5.41	45	-20.9003	0.1634	0.5546
917	SLV 9	-2.45	6.36	27.43	-12.8701	0.068	-1.4238
917	SLV 10	-2.96	5.5	28.21	-13.2169	0.0704	-1.7115
917	SLV 11	-3.07	-4.17	32.09	-14.8482	0.0933	-1.7636
917	SLV 12	-3.58	-5.03	32.87	-15.195	0.0957	-2.0512
917	SLV 13	-7.82	3.35	14.7	-6.8116	-0.0028	-4.5044
917	SLV 14	-8.59	2.02	15.91	-7.3477	0.0009	-4.9489
917	SLV 15	-8	0.19	16.1	-7.405	0.0048	-4.6063
917	SLV 16	-8.78	-1.14	17.31	-7.9411	0.0085	-5.0509
917	CRTFP Ux+	0	0	0	0	0	0
917	CRTFP Ux-	0	0	0	0	0	0
917	CRTFP Uy+	0	0	0	0	0	0
917	CRTFP Uy-	0	0	0	0	0	0
918	SLU 1	-0.72	0.3	30.87	-13.3946	0.0858	-0.4185
918	SLU 2	-0.73	0.39	30.89	-13.4049	0.0859	-0.4234
918	SLU 3	-0.74	0.31	31.59	-13.6962	0.088	-0.429
918	SLU 4	-0.74	0.37	31.6	-13.7024	0.0881	-0.4319
918	SLU 5	-0.74	0.4	31.33	-13.5891	0.0872	-0.4291
918	SLU 6	-0.75	0.32	32.02	-13.8804	0.0894	-0.4347
918	SLU 7	-0.75	0.38	32.04	-13.8866	0.0894	-0.4377
918	SLU 8	-0.74	0.32	31.74	-13.7631	0.0885	-0.4299
918	SLU 9	-0.75	0.37	31.76	-13.7693	0.0886	-0.4329
918	SLU 10	-0.79	0.47	34.44	-14.8851	0.0962	-0.4561
918	SLU 11	-0.8	0.39	35.14	-15.1764	0.0983	-0.4617
918	SLU 12	-0.8	0.45	35.15	-15.1826	0.0984	-0.4646
918	SLU 13	-0.8	0.48	34.88	-15.0694	0.0975	-0.4618
918	SLU 14	-0.81	0.4	35.57	-15.3607	0.0997	-0.4674
918	SLU 15	-0.81	0.45	35.59	-15.3669	0.0997	-0.4704
918	SLU 16	-0.8	0.4	35.29	-15.2433	0.0988	-0.4626
918	SLU 17	-0.8	0.45	35.31	-15.2495	0.0989	-0.4656
918	SLU 18	-0.8	0.41	35.94	-15.5092	0.1005	-0.4652
918	SLU 19	-0.81	0.47	35.95	-15.5154	0.1006	-0.4681
918	SLU 20	-0.81	0.42	36.38	-15.6935	0.1019	-0.4709
918	SLU 21	-0.82	0.48	36.39	-15.6997	0.1019	-0.4739
918	SLU 22	-0.78	0.38	34.48	-14.9008	0.0964	-0.4545
918	SLU 23	-0.79	0.47	34.5	-14.9112	0.0965	-0.4594
918	SLU 24	-0.8	0.39	35.2	-15.2025	0.0987	-0.465
918	SLU 25	-0.81	0.44	35.21	-15.2087	0.0987	-0.4679
918	SLU 26	-0.8	0.48	34.94	-15.0954	0.0979	-0.4651
918	SLU 27	-0.81	0.4	35.64	-15.3867	0.1	-0.4707
918	SLU 28	-0.82	0.45	35.65	-15.3929	0.1001	-0.4737
918	SLU 29	-0.8	0.39	35.36	-15.2693	0.0992	-0.4659
918	SLU 30	-0.81	0.45	35.37	-15.2755	0.0992	-0.4689
918	SLU 31	-0.85	0.55	38.06	-16.3914	0.1068	-0.4921
918	SLU 32	-0.86	0.47	38.75	-16.6827	0.109	-0.4977
918	SLU 33	-0.86	0.52	38.76	-16.6889	0.109	-0.5007
918	SLU 34	-0.86	0.56	38.49	-16.5757	0.1082	-0.4978
918	SLU 35	-0.87	0.48	39.19	-16.867	0.1103	-0.5035



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
918	SLU 36	-0.87	0.53	39.2	-16.8732	0.1104	-0.5064
918	SLU 37	-0.86	0.47	38.91	-16.7496	0.1094	-0.4987
918	SLU 38	-0.86	0.53	38.92	-16.7558	0.1095	-0.5016
918	SLU 39	-0.86	0.49	39.55	-17.0155	0.1111	-0.5012
918	SLU 40	-0.87	0.55	39.57	-17.0217	0.1112	-0.5041
918	SLU 41	-0.87	0.5	39.99	-17.1997	0.1125	-0.5069
918	SLU 42	-0.88	0.55	40.01	-17.2059	0.1126	-0.5099
918	SLU 43	-0.92	0.36	38.89	-16.8965	0.1079	-0.5317
918	SLU 44	-0.92	0.45	38.91	-16.9068	0.108	-0.5365
918	SLU 45	-0.93	0.37	39.61	-17.1981	0.1101	-0.5422
918	SLU 46	-0.94	0.43	39.62	-17.2043	0.1102	-0.5451
918	SLU 47	-0.93	0.46	39.35	-17.0911	0.1093	-0.5423
918	SLU 48	-0.94	0.38	40.04	-17.3824	0.1115	-0.5479
918	SLU 49	-0.95	0.44	40.06	-17.3886	0.1115	-0.5509
918	SLU 50	-0.94	0.38	39.76	-17.265	0.1106	-0.5431
918	SLU 51	-0.94	0.44	39.78	-17.2712	0.1107	-0.5461
918	SLU 52	-0.98	0.53	42.46	-18.3871	0.1183	-0.5693
918	SLU 53	-0.99	0.45	43.16	-18.6784	0.1204	-0.5749
918	SLU 54	-1	0.51	43.17	-18.6846	0.1205	-0.5778
918	SLU 55	-0.99	0.54	42.9	-18.5713	0.1196	-0.575
918	SLU 56	-1	0.46	43.6	-18.8626	0.1218	-0.5806
918	SLU 57	-1.01	0.52	43.61	-18.8688	0.1218	-0.5836
918	SLU 58	-0.99	0.46	43.31	-18.7452	0.1209	-0.5758
918	SLU 59	-1	0.51	43.33	-18.7514	0.1209	-0.5788
918	SLU 60	-1	0.48	43.96	-19.0111	0.1226	-0.5784
918	SLU 61	-1	0.53	43.97	-19.0173	0.1226	-0.5813
918	SLU 62	-1.01	0.48	44.4	-19.1954	0.1239	-0.5841
918	SLU 63	-1.01	0.54	44.41	-19.2016	0.124	-0.5871
918	SLU 64	-0.98	0.44	42.5	-18.4028	0.1185	-0.5677
918	SLU 65	-0.99	0.53	42.53	-18.4131	0.1186	-0.5726
918	SLU 66	-1	0.45	43.22	-18.7044	0.1207	-0.5782
918	SLU 67	-1	0.51	43.24	-18.7106	0.1208	-0.5811
918	SLU 68	-1	0.54	42.96	-18.5973	0.12	-0.5783
918	SLU 69	-1.01	0.46	43.66	-18.8886	0.1221	-0.5839
918	SLU 70	-1.01	0.52	43.67	-18.8948	0.1222	-0.5869
918	SLU 71	-1	0.46	43.38	-18.7713	0.1212	-0.5791
918	SLU 72	-1	0.51	43.39	-18.7775	0.1213	-0.5821
918	SLU 73	-1.04	0.61	46.08	-19.8933	0.1289	-0.6053
918	SLU 74	-1.05	0.53	46.77	-20.1846	0.131	-0.6109
918	SLU 75	-1.06	0.59	46.79	-20.1908	0.1311	-0.6139
918	SLU 76	-1.05	0.62	46.51	-20.0776	0.1303	-0.611
918	SLU 77	-1.06	0.54	47.21	-20.3689	0.1324	-0.6167
918	SLU 78	-1.07	0.6	47.22	-20.3751	0.1325	-0.6196
918	SLU 79	-1.05	0.54	46.93	-20.2515	0.1315	-0.6118
918	SLU 80	-1.06	0.59	46.94	-20.2577	0.1316	-0.6148
918	SLU 81	-1.06	0.55	47.58	-20.5174	0.1332	-0.6144
918	SLU 82	-1.06	0.61	47.59	-20.5236	0.1333	-0.6173
918	SLU 83	-1.07	0.56	48.01	-20.7017	0.1346	-0.6201
918	SLU 84	-1.07	0.62	48.03	-20.7079	0.1346	-0.6231
918	SLE RA 1	-0.74	0.32	31.9	-13.8249	0.0888	-0.4288
918	SLE RA 2	-0.74	0.38	31.92	-13.8318	0.0889	-0.432
918	SLE RA 3	-0.75	0.33	32.38	-14.026	0.0903	-0.4358
918	SLE RA 4	-0.75	0.37	32.39	-14.0301	0.0904	-0.4377
918	SLE RA 5	-0.75	0.39	32.21	-13.9546	0.0898	-0.4358
918	SLE RA 6	-0.76	0.33	32.67	-14.1488	0.0912	-0.4396
918	SLE RA 7	-0.76	0.37	32.68	-14.153	0.0913	-0.4416
918	SLE RA 8	-0.75	0.33	32.48	-14.0706	0.0906	-0.4364
918	SLE RA 9	-0.76	0.37	32.49	-14.0747	0.0907	-0.4384
918	SLE RA 10	-0.78	0.44	34.28	-14.8186	0.0958	-0.4538
918	SLE RA 11	-0.79	0.38	34.75	-15.0128	0.0972	-0.4576
918	SLE RA 12	-0.79	0.42	34.76	-15.017	0.0972	-0.4595
918	SLE RA 13	-0.79	0.44	34.57	-14.9415	0.0967	-0.4576
918	SLE RA 14	-0.79	0.39	35.04	-15.1357	0.0981	-0.4614
918	SLE RA 15	-0.8	0.42	35.05	-15.1398	0.0981	-0.4634
918	SLE RA 16	-0.79	0.39	34.85	-15.0574	0.0975	-0.4582
918	SLE RA 17	-0.79	0.42	34.86	-15.0616	0.0975	-0.4602
918	SLE RA 18	-0.79	0.4	35.28	-15.2347	0.0986	-0.4599
918	SLE RA 19	-0.8	0.43	35.29	-15.2388	0.0987	-0.4619
918	SLE RA 20	-0.8	0.4	35.57	-15.3575	0.0995	-0.4637
918	SLE RA 21	-0.8	0.44	35.58	-15.3617	0.0996	-0.4657
918	SLE FR 1	-0.74	0.32	31.9	-13.8249	0.0888	-0.4288
918	SLE FR 2	-0.74	0.33	31.9	-13.8263	0.0888	-0.4294
918	SLE FR 3	-0.74	0.32	32.02	-13.8741	0.0892	-0.4303
918	SLE FR 4	-0.76	0.36	32.92	-14.2492	0.0918	-0.4388
918	SLE FR 5	-0.76	0.35	33.03	-14.297	0.0921	-0.4396
918	SLE FR 6	-0.77	0.36	33.59	-14.5298	0.0937	-0.4443
918	SLE QP 1	-0.74	0.32	31.9	-13.8249	0.0888	-0.4288
918	SLE QP 2	-0.76	0.34	32.92	-14.2479	0.0918	-0.4381
918	SLD 1	2.68	1.02	39.62	-17.1415	0.1319	1.539
918	SLD 2	2.35	0.49	40.09	-17.3397	0.1331	1.3479
918	SLD 3	2.6	-0.29	40.14	-17.3445	0.1347	1.4947
918	SLD 4	2.27	-0.81	40.62	-17.5427	0.1359	1.3037
918	SLD 5	0.46	2.62	34.04	-14.7725	0.0993	0.2564
918	SLD 6	0.24	2.27	34.35	-14.903	0.1001	0.1306
918	SLD 7	0.19	-1.73	35.8	-15.4492	0.1087	0.1089
918	SLD 8	-0.03	-2.08	36.11	-15.5798	0.1095	-0.017
918	SLD 9	-1.48	2.76	29.72	-12.916	0.074	-0.8592
918	SLD 10	-1.7	2.42	30.03	-13.0465	0.0748	-0.9851
918	SLD 11	-1.75	-1.58	31.48	-13.5927	0.0834	-1.0068



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
918	SLD 12	-1.97	-1.93	31.79	-13.7232	0.0842	-1.1326
918	SLD 13	-3.78	1.5	25.21	-10.953	0.0476	-2.1799
918	SLD 14	-4.11	0.97	25.69	-11.1513	0.0489	-2.3709
918	SLD 15	-3.86	0.2	25.74	-11.156	0.0504	-2.2241
918	SLD 16	-4.19	-0.33	26.21	-11.3543	0.0517	-2.4152
918	SLV 1	7.29	1.87	48.62	-21.0284	0.1858	4.1852
918	SLV 2	6.51	0.64	49.72	-21.49	0.1886	3.7402
918	SLV 3	7.1	-1.09	49.82	-21.4894	0.1921	4.0843
918	SLV 4	6.33	-2.32	50.92	-21.951	0.195	3.6393
918	SLV 5	2.07	5.5	35.62	-15.5027	0.1098	1.1791
918	SLV 6	1.57	4.7	36.33	-15.8014	0.1117	0.8912
918	SLV 7	1.46	-4.35	39.61	-17.0394	0.1311	0.8428
918	SLV 8	0.96	-5.15	40.32	-17.3381	0.1329	0.5549
918	SLV 9	-2.47	5.84	25.51	-11.1576	0.0506	-1.4311
918	SLV 10	-2.97	5.04	26.22	-11.4563	0.0525	-1.719
918	SLV 11	-3.08	-4.01	29.5	-12.6943	0.0719	-1.7674
918	SLV 12	-3.58	-4.81	30.21	-12.993	0.0737	-2.0553
918	SLV 13	-7.84	3.01	14.91	-6.5447	-0.0114	-4.5155
918	SLV 14	-8.61	1.77	16.01	-7.0063	-0.0086	-4.9605
918	SLV 15	-8.02	0.05	16.11	-7.0057	-0.0051	-4.6164
918	SLV 16	-8.8	-1.18	17.21	-7.4673	-0.0022	-5.0614
918	CRTFP Ux+	0	0	0	0	0	0
918	CRTFP Ux-	0	0	0	0	0	0
918	CRTFP Uy+	0	0	0	0	0	0
918	CRTFP Uy-	0	0	0	0	0	0
919	SLU 1	-0.73	0.19	28.53	-11.5664	0.0613	-0.4211
919	SLU 2	-0.73	0.27	28.55	-11.5749	0.0614	-0.4259
919	SLU 3	-0.74	0.2	29.19	-11.821	0.0629	-0.4317
919	SLU 4	-0.75	0.25	29.2	-11.8261	0.0629	-0.4346
919	SLU 5	-0.74	0.28	28.95	-11.7305	0.0623	-0.4317
919	SLU 6	-0.75	0.2	29.59	-11.9765	0.0639	-0.4374
919	SLU 7	-0.76	0.26	29.6	-11.9817	0.0639	-0.4403
919	SLU 8	-0.75	0.2	29.33	-11.8775	0.0632	-0.4326
919	SLU 9	-0.75	0.25	29.35	-11.8826	0.0633	-0.4355
919	SLU 10	-0.79	0.33	31.83	-12.8326	0.0685	-0.4591
919	SLU 11	-0.8	0.26	32.46	-13.0787	0.07	-0.4649
919	SLU 12	-0.81	0.31	32.47	-13.0838	0.0701	-0.4678
919	SLU 13	-0.8	0.34	32.23	-12.9882	0.0695	-0.4649
919	SLU 14	-0.81	0.26	32.86	-13.2342	0.071	-0.4706
919	SLU 15	-0.82	0.32	32.88	-13.2393	0.071	-0.4735
919	SLU 16	-0.8	0.26	32.61	-13.1352	0.0704	-0.4658
919	SLU 17	-0.81	0.31	32.62	-13.1403	0.0704	-0.4687
919	SLU 18	-0.81	0.27	33.21	-13.3631	0.0715	-0.4685
919	SLU 19	-0.81	0.32	33.22	-13.3682	0.0716	-0.4714
919	SLU 20	-0.82	0.28	33.61	-13.5186	0.0725	-0.4743
919	SLU 21	-0.82	0.33	33.62	-13.5238	0.0725	-0.4772
919	SLU 22	-0.79	0.25	31.86	-12.8433	0.0687	-0.4575
919	SLU 23	-0.8	0.33	31.88	-12.8518	0.0688	-0.4624
919	SLU 24	-0.81	0.26	32.52	-13.0979	0.0703	-0.4681
919	SLU 25	-0.81	0.31	32.53	-13.103	0.0704	-0.471
919	SLU 26	-0.81	0.34	32.28	-13.0074	0.0698	-0.4681
919	SLU 27	-0.82	0.27	32.92	-13.2534	0.0713	-0.4739
919	SLU 28	-0.82	0.32	32.93	-13.2586	0.0713	-0.4768
919	SLU 29	-0.81	0.26	32.66	-13.1544	0.0707	-0.469
919	SLU 30	-0.81	0.31	32.67	-13.1596	0.0707	-0.472
919	SLU 31	-0.85	0.39	35.15	-14.1095	0.076	-0.4956
919	SLU 32	-0.86	0.32	35.79	-14.3556	0.0775	-0.5013
919	SLU 33	-0.87	0.37	35.8	-14.3607	0.0775	-0.5042
919	SLU 34	-0.86	0.4	35.55	-14.2651	0.0769	-0.5013
919	SLU 35	-0.87	0.33	36.19	-14.5111	0.0784	-0.5071
919	SLU 36	-0.88	0.38	36.2	-14.5163	0.0785	-0.51
919	SLU 37	-0.87	0.32	35.93	-14.4121	0.0778	-0.5022
919	SLU 38	-0.87	0.37	35.95	-14.4172	0.0779	-0.5051
919	SLU 39	-0.87	0.33	36.54	-14.64	0.079	-0.5049
919	SLU 40	-0.87	0.39	36.55	-14.6451	0.079	-0.5079
919	SLU 41	-0.88	0.34	36.94	-14.7956	0.0799	-0.5107
919	SLU 42	-0.88	0.39	36.95	-14.8007	0.08	-0.5136
919	SLU 43	-0.92	0.22	35.95	-14.5985	0.0771	-0.5349
919	SLU 44	-0.93	0.31	35.97	-14.607	0.0772	-0.5398
919	SLU 45	-0.94	0.23	36.61	-14.8531	0.0787	-0.5455
919	SLU 46	-0.95	0.28	36.62	-14.8582	0.0788	-0.5484
919	SLU 47	-0.94	0.32	36.37	-14.7626	0.0782	-0.5455
919	SLU 48	-0.95	0.24	37.01	-15.0086	0.0797	-0.5513
919	SLU 49	-0.96	0.29	37.02	-15.0138	0.0797	-0.5542
919	SLU 50	-0.94	0.24	36.75	-14.9096	0.0791	-0.5464
919	SLU 51	-0.95	0.29	36.76	-14.9147	0.0791	-0.5494
919	SLU 52	-0.99	0.37	39.24	-15.8647	0.0844	-0.573
919	SLU 53	-1	0.29	39.88	-16.1108	0.0859	-0.5787
919	SLU 54	-1	0.34	39.89	-16.1159	0.0859	-0.5816
919	SLU 55	-1	0.38	39.65	-16.0203	0.0853	-0.5787
919	SLU 56	-1.01	0.3	40.28	-16.2663	0.0868	-0.5844
919	SLU 57	-1.01	0.35	40.29	-16.2715	0.0869	-0.5874
919	SLU 58	-1	0.3	40.03	-16.1673	0.0862	-0.5796
919	SLU 59	-1	0.35	40.04	-16.1724	0.0863	-0.5825
919	SLU 60	-1	0.31	40.63	-16.3952	0.0873	-0.5823
919	SLU 61	-1.01	0.36	40.64	-16.4003	0.0874	-0.5852
919	SLU 62	-1.01	0.32	41.03	-16.5508	0.0883	-0.5881
919	SLU 63	-1.02	0.37	41.04	-16.5559	0.0884	-0.591
919	SLU 64	-0.99	0.28	39.28	-15.8754	0.0846	-0.5714



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
919	SLU 65	-0.99	0.37	39.3	-15.884	0.0847	-0.5762
919	SLU 66	-1	0.29	39.94	-16.13	0.0862	-0.5819
919	SLU 67	-1.01	0.34	39.95	-16.1351	0.0862	-0.5849
919	SLU 68	-1	0.38	39.7	-16.0395	0.0856	-0.582
919	SLU 69	-1.01	0.3	40.34	-16.2856	0.0871	-0.5877
919	SLU 70	-1.02	0.35	40.35	-16.2907	0.0872	-0.5906
919	SLU 71	-1.01	0.3	40.08	-16.1865	0.0865	-0.5829
919	SLU 72	-1.01	0.35	40.09	-16.1917	0.0866	-0.5858
919	SLU 73	-1.05	0.43	42.57	-17.1416	0.0918	-0.6094
919	SLU 74	-1.06	0.35	43.21	-17.3877	0.0933	-0.6151
919	SLU 75	-1.07	0.41	43.22	-17.3928	0.0934	-0.618
919	SLU 76	-1.06	0.44	42.97	-17.2972	0.0928	-0.6152
919	SLU 77	-1.07	0.36	43.61	-17.5432	0.0943	-0.6209
919	SLU 78	-1.08	0.41	43.62	-17.5484	0.0943	-0.6238
919	SLU 79	-1.06	0.36	43.35	-17.4442	0.0937	-0.6161
919	SLU 80	-1.07	0.41	43.37	-17.4494	0.0937	-0.619
919	SLU 81	-1.07	0.37	43.95	-17.6721	0.0948	-0.6188
919	SLU 82	-1.07	0.42	43.97	-17.6772	0.0948	-0.6217
919	SLU 83	-1.08	0.38	44.36	-17.8277	0.0958	-0.6245
919	SLU 84	-1.08	0.43	44.37	-17.8328	0.0958	-0.6274
919	SLE RA 1	-0.74	0.2	29.48	-11.9312	0.0634	-0.4315
919	SLE RA 2	-0.75	0.26	29.5	-11.9369	0.0635	-0.4347
919	SLE RA 3	-0.76	0.21	29.92	-12.1009	0.0645	-0.4386
919	SLE RA 4	-0.76	0.25	29.93	-12.1044	0.0645	-0.4405
919	SLE RA 5	-0.76	0.27	29.76	-12.0406	0.0641	-0.4386
919	SLE RA 6	-0.76	0.22	30.19	-12.2046	0.0651	-0.4424
919	SLE RA 7	-0.77	0.25	30.2	-12.2081	0.0652	-0.4443
919	SLE RA 8	-0.76	0.21	30.02	-12.1386	0.0647	-0.4392
919	SLE RA 9	-0.76	0.25	30.03	-12.142	0.0648	-0.4411
919	SLE RA 10	-0.79	0.3	31.68	-12.7754	0.0682	-0.4569
919	SLE RA 11	-0.79	0.25	32.1	-12.9394	0.0692	-0.4607
919	SLE RA 12	-0.8	0.29	32.11	-12.9428	0.0693	-0.4626
919	SLE RA 13	-0.79	0.31	31.95	-12.8791	0.0689	-0.4607
919	SLE RA 14	-0.8	0.26	32.37	-13.0431	0.0699	-0.4645
919	SLE RA 15	-0.8	0.29	32.38	-13.0465	0.0699	-0.4665
919	SLE RA 16	-0.8	0.25	32.2	-12.9771	0.0695	-0.4613
919	SLE RA 17	-0.8	0.29	32.21	-12.9805	0.0695	-0.4632
919	SLE RA 18	-0.8	0.26	32.6	-13.129	0.0702	-0.4631
919	SLE RA 19	-0.8	0.3	32.61	-13.1324	0.0703	-0.4651
919	SLE RA 20	-0.8	0.27	32.87	-13.2327	0.0709	-0.4669
919	SLE RA 21	-0.81	0.3	32.88	-13.2361	0.0709	-0.4689
919	SLE FR 1	-0.74	0.2	29.48	-11.9312	0.0634	-0.4315
919	SLE FR 2	-0.75	0.22	29.49	-11.9324	0.0634	-0.4322
919	SLE FR 3	-0.75	0.21	29.59	-11.9727	0.0637	-0.433
919	SLE FR 4	-0.76	0.23	30.42	-12.2917	0.0655	-0.4416
919	SLE FR 5	-0.76	0.22	30.53	-12.332	0.0657	-0.4425
919	SLE FR 6	-0.77	0.23	31.04	-12.5301	0.0668	-0.4473
919	SLE QP 1	-0.74	0.2	29.48	-11.9312	0.0634	-0.4315
919	SLE QP 2	-0.76	0.22	30.42	-12.2906	0.0655	-0.441
919	SLD 1	2.68	0.86	35.94	-14.4115	0.0996	1.539
919	SLD 2	2.35	0.37	36.38	-14.5878	0.1004	1.3477
919	SLD 3	2.6	-0.36	36.4	-14.5723	0.1017	1.4951
919	SLD 4	2.27	-0.85	36.84	-14.7485	0.1025	1.3038
919	SLD 5	0.45	2.35	31.3	-12.6515	0.0723	0.2539
919	SLD 6	0.23	2.03	31.59	-12.7676	0.0728	0.128
919	SLD 7	0.19	-1.71	32.83	-13.1872	0.0795	0.1075
919	SLD 8	-0.03	-2.03	33.12	-13.3033	0.08	-0.0185
919	SLD 9	-1.49	2.48	27.72	-11.2778	0.0509	-0.8635
919	SLD 10	-1.71	2.16	28.01	-11.3939	0.0515	-0.9895
919	SLD 11	-1.75	-1.58	29.25	-11.8135	0.0581	-1.0099
919	SLD 12	-1.97	-1.91	29.54	-11.9296	0.0587	-1.1359
919	SLD 13	-3.79	1.29	24	-9.8326	0.0284	-2.1858
919	SLD 14	-4.13	0.8	24.44	-10.0089	0.0292	-2.3771
919	SLD 15	-3.87	0.07	24.46	-9.9933	0.0305	-2.2297
919	SLD 16	-4.21	-0.42	24.9	-10.1696	0.0314	-2.421
919	SLV 1	7.29	1.67	43.36	-17.2605	0.1453	4.1891
919	SLV 2	6.51	0.53	44.38	-17.671	0.1473	3.7437
919	SLV 3	7.11	-1.09	44.4	-17.6267	0.1502	4.089
919	SLV 4	6.33	-2.23	45.42	-18.0373	0.1522	3.6436
919	SLV 5	2.07	5.04	32.54	-13.1549	0.0817	1.1772
919	SLV 6	1.56	4.3	33.21	-13.4205	0.0829	0.889
919	SLV 7	1.46	-4.16	36.01	-14.3756	0.098	0.8434
919	SLV 8	0.96	-4.9	36.68	-14.6413	0.0992	0.5552
919	SLV 9	-2.48	5.34	24.16	-9.9399	0.0317	-1.4372
919	SLV 10	-2.98	4.61	24.82	-10.2055	0.033	-1.7254
919	SLV 11	-3.08	-3.86	27.63	-11.1606	0.048	-1.7709
919	SLV 12	-3.59	-4.6	28.29	-11.4262	0.0493	-2.0592
919	SLV 13	-7.85	2.68	15.42	-6.5438	-0.0212	-4.5255
919	SLV 14	-8.63	1.54	16.44	-6.9544	-0.0193	-4.971
919	SLV 15	-8.04	-0.09	16.46	-6.9101	-0.0163	-4.6257
919	SLV 16	-8.82	-1.23	17.48	-7.3206	-0.0144	-5.0711
919	CRTFP Ux+	0	0	0	0	0	0
919	CRTFP Ux-	0	0	0	0	0	0
919	CRTFP Uy+	0	0	0	0	0	0
919	CRTFP Uy-	0	0	0	0	0	0
920	SLU 1	-0.73	0.08	26.99	-10.3961	0.0362	-0.4231
920	SLU 2	-0.74	0.16	27	-10.4033	0.0363	-0.4278
920	SLU 3	-0.75	0.09	27.6	-10.6209	0.0371	-0.4336
920	SLU 4	-0.75	0.14	27.61	-10.6252	0.0372	-0.4365



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
920	SLU 5	-0.75	0.17	27.38	-10.5406	0.0368	-0.4336
920	SLU 6	-0.76	0.09	27.98	-10.7582	0.0377	-0.4394
920	SLU 7	-0.76	0.14	27.99	-10.7625	0.0377	-0.4423
920	SLU 8	-0.75	0.09	27.74	-10.6707	0.0373	-0.4346
920	SLU 9	-0.75	0.14	27.75	-10.675	0.0374	-0.4375
920	SLU 10	-0.8	0.2	30.1	-11.523	0.0402	-0.4615
920	SLU 11	-0.81	0.13	30.7	-11.7406	0.041	-0.4673
920	SLU 12	-0.81	0.18	30.71	-11.7449	0.0411	-0.4701
920	SLU 13	-0.81	0.21	30.48	-11.6603	0.0407	-0.4672
920	SLU 14	-0.82	0.14	31.08	-11.8778	0.0416	-0.473
920	SLU 15	-0.82	0.19	31.09	-11.8822	0.0416	-0.4759
920	SLU 16	-0.81	0.13	30.84	-11.7904	0.0412	-0.4682
920	SLU 17	-0.81	0.18	30.85	-11.7947	0.0413	-0.4711
920	SLU 18	-0.81	0.14	31.41	-11.9957	0.0418	-0.4711
920	SLU 19	-0.82	0.19	31.42	-12	0.0418	-0.4739
920	SLU 20	-0.82	0.15	31.79	-12.133	0.0423	-0.4768
920	SLU 21	-0.83	0.2	31.8	-12.1373	0.0424	-0.4797
920	SLU 22	-0.79	0.13	30.13	-11.5296	0.0403	-0.4599
920	SLU 23	-0.8	0.21	30.15	-11.5368	0.0404	-0.4647
920	SLU 24	-0.81	0.14	30.75	-11.7543	0.0413	-0.4705
920	SLU 25	-0.82	0.18	30.76	-11.7587	0.0413	-0.4734
920	SLU 26	-0.81	0.21	30.52	-11.6741	0.041	-0.4704
920	SLU 27	-0.82	0.14	31.12	-11.8916	0.0418	-0.4762
920	SLU 28	-0.83	0.19	31.13	-11.8959	0.0419	-0.4791
920	SLU 29	-0.81	0.14	30.88	-11.8042	0.0415	-0.4714
920	SLU 30	-0.82	0.19	30.89	-11.8085	0.0415	-0.4743
920	SLU 31	-0.86	0.25	33.25	-12.6565	0.0443	-0.4983
920	SLU 32	-0.87	0.18	33.85	-12.874	0.0452	-0.5041
920	SLU 33	-0.87	0.23	33.86	-12.8783	0.0452	-0.507
920	SLU 34	-0.87	0.26	33.62	-12.7938	0.0449	-0.5041
920	SLU 35	-0.88	0.18	34.22	-13.0113	0.0457	-0.5099
920	SLU 36	-0.88	0.23	34.23	-13.0156	0.0458	-0.5127
920	SLU 37	-0.87	0.18	33.98	-12.9238	0.0454	-0.505
920	SLU 38	-0.88	0.23	33.99	-12.9282	0.0454	-0.5079
920	SLU 39	-0.88	0.19	34.56	-13.1291	0.0459	-0.5079
920	SLU 40	-0.88	0.24	34.57	-13.1335	0.046	-0.5108
920	SLU 41	-0.89	0.19	34.93	-13.2664	0.0465	-0.5137
920	SLU 42	-0.89	0.24	34.94	-13.2707	0.0465	-0.5165
920	SLU 43	-0.93	0.09	34.01	-13.1264	0.0456	-0.5373
920	SLU 44	-0.94	0.17	34.02	-13.1336	0.0457	-0.5421
920	SLU 45	-0.95	0.1	34.62	-13.3511	0.0465	-0.5479
920	SLU 46	-0.95	0.15	34.63	-13.3554	0.0466	-0.5508
920	SLU 47	-0.95	0.17	34.4	-13.2708	0.0463	-0.5479
920	SLU 48	-0.96	0.1	35	-13.4884	0.0471	-0.5537
920	SLU 49	-0.96	0.15	35.01	-13.4927	0.0472	-0.5566
920	SLU 50	-0.95	0.1	34.76	-13.4009	0.0468	-0.5489
920	SLU 51	-0.95	0.15	34.77	-13.4052	0.0468	-0.5517
920	SLU 52	-0.99	0.21	37.12	-14.2532	0.0496	-0.5757
920	SLU 53	-1	0.14	37.72	-14.4708	0.0505	-0.5815
920	SLU 54	-1.01	0.19	37.73	-14.4751	0.0505	-0.5844
920	SLU 55	-1	0.22	37.5	-14.3905	0.0502	-0.5815
920	SLU 56	-1.01	0.15	38.1	-14.6081	0.051	-0.5873
920	SLU 57	-1.02	0.19	38.11	-14.6124	0.0511	-0.5902
920	SLU 58	-1	0.14	37.86	-14.5206	0.0507	-0.5825
920	SLU 59	-1.01	0.19	37.87	-14.5249	0.0507	-0.5854
920	SLU 60	-1.01	0.15	38.43	-14.7259	0.0512	-0.5854
920	SLU 61	-1.01	0.2	38.44	-14.7302	0.0512	-0.5882
920	SLU 62	-1.02	0.16	38.81	-14.8632	0.0518	-0.5911
920	SLU 63	-1.02	0.2	38.82	-14.8675	0.0518	-0.594
920	SLU 64	-0.99	0.14	37.15	-14.2598	0.0498	-0.5742
920	SLU 65	-1	0.22	37.17	-14.267	0.0498	-0.579
920	SLU 66	-1.01	0.14	37.77	-14.4846	0.0507	-0.5848
920	SLU 67	-1.01	0.19	37.78	-14.4889	0.0507	-0.5876
920	SLU 68	-1.01	0.22	37.54	-14.4043	0.0504	-0.5847
920	SLU 69	-1.02	0.15	38.14	-14.6219	0.0513	-0.5905
920	SLU 70	-1.02	0.2	38.15	-14.6262	0.0513	-0.5934
920	SLU 71	-1.01	0.15	37.9	-14.5344	0.0509	-0.5857
920	SLU 72	-1.02	0.2	37.91	-14.5387	0.051	-0.5886
920	SLU 73	-1.06	0.26	40.26	-15.3867	0.0537	-0.6126
920	SLU 74	-1.07	0.19	40.86	-15.6042	0.0546	-0.6184
920	SLU 75	-1.07	0.23	40.87	-15.6086	0.0546	-0.6213
920	SLU 76	-1.07	0.26	40.64	-15.524	0.0543	-0.6183
920	SLU 77	-1.08	0.19	41.24	-15.7415	0.0552	-0.6241
920	SLU 78	-1.08	0.24	41.25	-15.7458	0.0552	-0.627
920	SLU 79	-1.07	0.19	41	-15.6541	0.0548	-0.6193
920	SLU 80	-1.07	0.24	41.01	-15.6584	0.0549	-0.6222
920	SLU 81	-1.07	0.2	41.57	-15.8594	0.0554	-0.6222
920	SLU 82	-1.08	0.25	41.58	-15.8637	0.0554	-0.6251
920	SLU 83	-1.08	0.2	41.95	-15.9967	0.0559	-0.628
920	SLU 84	-1.09	0.25	41.96	-16.001	0.056	-0.6308
920	SLE RA 1	-0.75	0.09	27.88	-10.72	0.0374	-0.4336
920	SLE RA 2	-0.75	0.15	27.9	-10.7248	0.0374	-0.4368
920	SLE RA 3	-0.76	0.1	28.3	-10.8698	0.038	-0.4406
920	SLE RA 4	-0.76	0.13	28.3	-10.8727	0.038	-0.4426
920	SLE RA 5	-0.76	0.15	28.15	-10.8163	0.0378	-0.4406
920	SLE RA 6	-0.77	0.1	28.55	-10.9613	0.0384	-0.4445
920	SLE RA 7	-0.77	0.14	28.55	-10.9642	0.0384	-0.4464
920	SLE RA 8	-0.76	0.1	28.39	-10.903	0.0381	-0.4413
920	SLE RA 9	-0.76	0.13	28.39	-10.9059	0.0382	-0.4432



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
920	SLE RA 10	-0.79	0.18	29.96	-11.4712	0.04	-0.4592
920	SLE RA 11	-0.8	0.13	30.36	-11.6163	0.0406	-0.463
920	SLE RA 12	-0.8	0.16	30.37	-11.6191	0.0406	-0.465
920	SLE RA 13	-0.8	0.18	30.21	-11.5628	0.0404	-0.463
920	SLE RA 14	-0.81	0.13	30.61	-11.7078	0.041	-0.4669
920	SLE RA 15	-0.81	0.16	30.62	-11.7107	0.041	-0.4688
920	SLE RA 16	-0.8	0.13	30.45	-11.6495	0.0407	-0.4637
920	SLE RA 17	-0.8	0.16	30.46	-11.6524	0.0408	-0.4656
920	SLE RA 18	-0.8	0.14	30.84	-11.7863	0.0411	-0.4656
920	SLE RA 19	-0.81	0.17	30.84	-11.7892	0.0411	-0.4675
920	SLE RA 20	-0.81	0.14	31.09	-11.8779	0.0415	-0.4694
920	SLE RA 21	-0.81	0.17	31.09	-11.8807	0.0415	-0.4713
920	SLE FR 1	-0.75	0.09	27.88	-10.72	0.0374	-0.4336
920	SLE FR 2	-0.75	0.11	27.89	-10.7209	0.0374	-0.4342
920	SLE FR 3	-0.75	0.1	27.99	-10.7566	0.0375	-0.4351
920	SLE FR 4	-0.77	0.12	28.77	-11.0409	0.0385	-0.4438
920	SLE FR 5	-0.77	0.11	28.87	-11.0765	0.0386	-0.4447
920	SLE FR 6	-0.78	0.11	29.36	-11.2532	0.0392	-0.4496
920	SLE QP 1	-0.75	0.09	27.88	-10.72	0.0374	-0.4336
920	SLE QP 2	-0.76	0.11	28.77	-11.0399	0.0385	-0.4432
920	SLD 1	2.68	0.71	33.3	-12.5403	0.0665	1.5395
920	SLD 2	2.35	0.26	33.72	-12.705	0.067	1.3481
920	SLD 3	2.61	-0.43	33.71	-12.6763	0.068	1.4959
920	SLD 4	2.27	-0.88	34.13	-12.841	0.0684	1.3044
920	SLD 5	0.45	2.1	29.43	-11.2543	0.0447	0.2522
920	SLD 6	0.23	1.8	29.71	-11.3627	0.0449	0.1261
920	SLD 7	0.19	-1.7	30.8	-11.7076	0.0494	0.1066
920	SLD 8	-0.03	-2	31.08	-11.816	0.0497	-0.0194
920	SLD 9	-1.5	2.22	26.46	-10.2638	0.0273	-0.8669
920	SLD 10	-1.72	1.92	26.74	-10.3722	0.0276	-0.993
920	SLD 11	-1.76	-1.59	27.83	-10.7171	0.032	-1.0124
920	SLD 12	-1.98	-1.89	28.11	-10.8255	0.0323	-1.1385
920	SLD 13	-3.8	1.09	23.41	-9.2388	0.0086	-2.1908
920	SLD 14	-4.14	0.64	23.83	-9.4035	0.009	-2.3822
920	SLD 15	-3.88	-0.05	23.82	-9.3747	0.01	-2.2344
920	SLD 16	-4.21	-0.5	24.24	-9.5395	0.0104	-2.4259
920	SLV 1	7.3	1.48	39.39	-14.556	0.1042	4.1933
920	SLV 2	6.52	0.43	40.37	-14.9395	0.1053	3.7474
920	SLV 3	7.12	-1.1	40.33	-14.8672	0.1075	4.0937
920	SLV 4	6.34	-2.16	41.3	-15.2508	0.1085	3.6479
920	SLV 5	2.06	4.63	30.37	-11.5562	0.0531	1.1761
920	SLV 6	1.56	3.94	31	-11.8043	0.0538	0.8876
920	SLV 7	1.46	-4	33.49	-12.5935	0.0639	0.8443
920	SLV 8	0.96	-4.68	34.12	-12.8417	0.0646	0.5558
920	SLV 9	-2.49	4.89	23.42	-9.2381	0.0124	-1.4422
920	SLV 10	-2.99	4.21	24.05	-9.4863	0.0131	-1.7307
920	SLV 11	-3.09	-3.73	26.54	-10.2754	0.0232	-1.7739
920	SLV 12	-3.59	-4.41	27.17	-10.5236	0.0239	-2.0624
920	SLV 13	-7.87	2.37	16.24	-6.829	-0.0315	-4.5342
920	SLV 14	-8.65	1.32	17.21	-7.2126	-0.0305	-4.9801
920	SLV 15	-8.05	-0.21	17.17	-7.1402	-0.0283	-4.6338
920	SLV 16	-8.83	-1.27	18.15	-7.5238	-0.0272	-5.0796
920	CRTFP Ux+	0	0	0	0	0	0
920	CRTFP Ux-	0	0	0	0	0	0
920	CRTFP Uy+	0	0	0	0	0	0
920	CRTFP Uy-	0	0	0	0	0	0
921	SLU 1	-0.73	-0.02	26.23	-9.8786	0.0117	-0.4244
921	SLU 2	-0.74	0.06	26.25	-9.8848	0.0117	-0.4291
921	SLU 3	-0.75	-0.01	26.83	-10.0905	0.012	-0.4349
921	SLU 4	-0.76	0.03	26.84	-10.0943	0.012	-0.4378
921	SLU 5	-0.75	0.06	26.61	-10.0141	0.0119	-0.4348
921	SLU 6	-0.76	-0.01	27.19	-10.2199	0.0121	-0.4407
921	SLU 7	-0.77	0.04	27.2	-10.2236	0.0122	-0.4435
921	SLU 8	-0.75	-0.01	26.96	-10.1372	0.012	-0.4359
921	SLU 9	-0.76	0.03	26.97	-10.1409	0.0121	-0.4387
921	SLU 10	-0.8	0.08	29.27	-10.9508	0.0125	-0.4631
921	SLU 11	-0.81	0.01	29.85	-11.1566	0.0127	-0.469
921	SLU 12	-0.81	0.06	29.86	-11.1603	0.0127	-0.4718
921	SLU 13	-0.81	0.09	29.63	-11.0801	0.0126	-0.4688
921	SLU 14	-0.82	0.02	30.22	-11.2859	0.0129	-0.4747
921	SLU 15	-0.82	0.06	30.23	-11.2896	0.0129	-0.4775
921	SLU 16	-0.81	0.02	29.98	-11.2032	0.0128	-0.4699
921	SLU 17	-0.82	0.06	29.99	-11.2069	0.0128	-0.4727
921	SLU 18	-0.82	0.02	30.55	-11.4015	0.0127	-0.4729
921	SLU 19	-0.82	0.06	30.56	-11.4052	0.0127	-0.4758
921	SLU 20	-0.83	0.02	30.92	-11.5308	0.0129	-0.4787
921	SLU 21	-0.83	0.07	30.92	-11.5345	0.0129	-0.4815
921	SLU 22	-0.8	0.02	29.29	-10.9542	0.0126	-0.4615
921	SLU 23	-0.8	0.09	29.31	-10.9604	0.0127	-0.4662
921	SLU 24	-0.82	0.02	29.89	-11.1662	0.0129	-0.4721
921	SLU 25	-0.82	0.07	29.9	-11.1699	0.0129	-0.475
921	SLU 26	-0.81	0.09	29.67	-11.0897	0.0128	-0.472
921	SLU 27	-0.82	0.03	30.26	-11.2955	0.0131	-0.4779
921	SLU 28	-0.83	0.07	30.27	-11.2992	0.0131	-0.4807
921	SLU 29	-0.82	0.02	30.02	-11.2129	0.013	-0.4731
921	SLU 30	-0.82	0.07	30.03	-11.2166	0.013	-0.4759
921	SLU 31	-0.86	0.12	32.33	-12.0264	0.0134	-0.5003
921	SLU 32	-0.87	0.05	32.92	-12.2322	0.0136	-0.5061
921	SLU 33	-0.88	0.09	32.93	-12.2359	0.0136	-0.509



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
921	SLU 34	-0.87	0.12	32.7	-12.1557	0.0136	-0.506
921	SLU 35	-0.88	0.05	33.28	-12.3615	0.0138	-0.5119
921	SLU 36	-0.89	0.1	33.29	-12.3652	0.0138	-0.5147
921	SLU 37	-0.87	0.05	33.05	-12.2789	0.0137	-0.5071
921	SLU 38	-0.88	0.09	33.06	-12.2826	0.0137	-0.5099
921	SLU 39	-0.88	0.05	33.61	-12.4771	0.0136	-0.5101
921	SLU 40	-0.88	0.1	33.62	-12.4808	0.0137	-0.513
921	SLU 41	-0.89	0.06	33.98	-12.6064	0.0138	-0.5159
921	SLU 42	-0.89	0.1	33.99	-12.6101	0.0139	-0.5187
921	SLU 43	-0.93	-0.04	33.05	-12.4733	0.0149	-0.5389
921	SLU 44	-0.94	0.04	33.06	-12.4795	0.0149	-0.5436
921	SLU 45	-0.95	-0.03	33.65	-12.6853	0.0151	-0.5495
921	SLU 46	-0.95	0.01	33.66	-12.689	0.0152	-0.5523
921	SLU 47	-0.95	0.04	33.43	-12.6088	0.0151	-0.5494
921	SLU 48	-0.96	-0.03	34.01	-12.8146	0.0153	-0.5553
921	SLU 49	-0.96	0.02	34.02	-12.8183	0.0154	-0.5581
921	SLU 50	-0.95	-0.03	33.78	-12.732	0.0152	-0.5504
921	SLU 51	-0.96	0.02	33.79	-12.7357	0.0153	-0.5532
921	SLU 52	-1	0.06	36.09	-13.5455	0.0156	-0.5776
921	SLU 53	-1.01	0	36.67	-13.7513	0.0159	-0.5835
921	SLU 54	-1.01	0.04	36.68	-13.755	0.0159	-0.5863
921	SLU 55	-1.01	0.07	36.45	-13.6748	0.0158	-0.5834
921	SLU 56	-1.02	0	37.04	-13.8806	0.0161	-0.5893
921	SLU 57	-1.02	0.04	37.05	-13.8843	0.0161	-0.5921
921	SLU 58	-1.01	0	36.8	-13.798	0.016	-0.5844
921	SLU 59	-1.01	0.04	36.81	-13.8017	0.016	-0.5873
921	SLU 60	-1.01	0	37.37	-13.9962	0.0159	-0.5875
921	SLU 61	-1.02	0.05	37.38	-13.9999	0.0159	-0.5903
921	SLU 62	-1.02	0.01	37.73	-14.1255	0.0161	-0.5933
921	SLU 63	-1.03	0.05	37.74	-14.1292	0.0161	-0.5961
921	SLU 64	-0.99	0	36.11	-13.549	0.0158	-0.5761
921	SLU 65	-1	0.07	36.13	-13.5552	0.0158	-0.5808
921	SLU 66	-1.01	0	36.71	-13.761	0.0161	-0.5867
921	SLU 67	-1.02	0.05	36.72	-13.7647	0.0161	-0.5895
921	SLU 68	-1.01	0.08	36.49	-13.6845	0.016	-0.5866
921	SLU 69	-1.02	0.01	37.07	-13.8903	0.0162	-0.5924
921	SLU 70	-1.03	0.05	37.08	-13.894	0.0163	-0.5953
921	SLU 71	-1.01	0.01	36.84	-13.8076	0.0162	-0.5876
921	SLU 72	-1.02	0.05	36.85	-13.8113	0.0162	-0.5904
921	SLU 73	-1.06	0.1	39.15	-14.6212	0.0166	-0.6148
921	SLU 74	-1.07	0.03	39.74	-14.827	0.0168	-0.6207
921	SLU 75	-1.08	0.08	39.74	-14.8307	0.0168	-0.6235
921	SLU 76	-1.07	0.1	39.52	-14.7505	0.0168	-0.6206
921	SLU 77	-1.08	0.03	40.1	-14.9563	0.017	-0.6265
921	SLU 78	-1.09	0.08	40.11	-14.96	0.017	-0.6293
921	SLU 79	-1.07	0.03	39.86	-14.8736	0.0169	-0.6216
921	SLU 80	-1.08	0.08	39.87	-14.8774	0.0169	-0.6244
921	SLU 81	-1.08	0.04	40.43	-15.0719	0.0168	-0.6247
921	SLU 82	-1.08	0.08	40.44	-15.0756	0.0169	-0.6275
921	SLU 83	-1.09	0.04	40.8	-15.2012	0.017	-0.6304
921	SLU 84	-1.09	0.08	40.81	-15.2049	0.017	-0.6333
921	SLE RA 1	-0.75	-0.01	27.11	-10.1859	0.0119	-0.435
921	SLE RA 2	-0.76	0.04	27.12	-10.19	0.012	-0.4381
921	SLE RA 3	-0.76	-0.01	27.5	-10.3272	0.0121	-0.442
921	SLE RA 4	-0.77	0.02	27.51	-10.3297	0.0121	-0.4439
921	SLE RA 5	-0.76	0.04	27.36	-10.2762	0.0121	-0.442
921	SLE RA 6	-0.77	0	27.75	-10.4134	0.0122	-0.4459
921	SLE RA 7	-0.77	0.03	27.75	-10.4159	0.0123	-0.4478
921	SLE RA 8	-0.76	0	27.59	-10.3583	0.0122	-0.4427
921	SLE RA 9	-0.77	0.03	27.6	-10.3608	0.0122	-0.4445
921	SLE RA 10	-0.8	0.06	29.13	-10.9007	0.0125	-0.4608
921	SLE RA 11	-0.8	0.01	29.52	-11.0379	0.0126	-0.4647
921	SLE RA 12	-0.81	0.04	29.53	-11.0404	0.0126	-0.4666
921	SLE RA 13	-0.8	0.06	29.37	-10.9869	0.0126	-0.4646
921	SLE RA 14	-0.81	0.02	29.76	-11.1241	0.0127	-0.4686
921	SLE RA 15	-0.81	0.04	29.77	-11.1266	0.0128	-0.4704
921	SLE RA 16	-0.8	0.01	29.61	-11.069	0.0127	-0.4653
921	SLE RA 17	-0.81	0.04	29.61	-11.0715	0.0127	-0.4672
921	SLE RA 18	-0.81	0.02	29.99	-11.2012	0.0126	-0.4674
921	SLE RA 19	-0.81	0.05	29.99	-11.2036	0.0127	-0.4693
921	SLE RA 20	-0.81	0.02	30.23	-11.2874	0.0128	-0.4712
921	SLE RA 21	-0.82	0.05	30.23	-11.2898	0.0128	-0.4731
921	SLE FR 1	-0.75	-0.01	27.11	-10.1859	0.0119	-0.435
921	SLE FR 2	-0.75	0	27.11	-10.1867	0.0119	-0.4356
921	SLE FR 3	-0.75	-0.01	27.2	-10.2204	0.012	-0.4365
921	SLE FR 4	-0.77	0.01	27.97	-10.4913	0.0122	-0.4453
921	SLE FR 5	-0.77	0	28.07	-10.525	0.0122	-0.4462
921	SLE FR 6	-0.78	0	28.55	-10.6935	0.0123	-0.4512
921	SLE QP 1	-0.75	-0.01	27.11	-10.1859	0.0119	-0.435
921	SLE QP 2	-0.77	0	27.97	-10.4905	0.0121	-0.4447
921	SLD 1	2.69	0.58	31.7	-11.5205	0.0344	1.5404
921	SLD 2	2.35	0.16	32.11	-11.6836	0.0344	1.3488
921	SLD 3	2.61	-0.5	32.09	-11.6473	0.035	1.497
921	SLD 4	2.27	-0.92	32.5	-11.8103	0.0351	1.3054
921	SLD 5	0.45	1.88	28.43	-10.578	0.0178	0.2511
921	SLD 6	0.23	1.6	28.7	-10.6854	0.0178	0.1249
921	SLD 7	0.19	-1.7	29.72	-11.0006	0.02	0.1063
921	SLD 8	-0.03	-1.98	29.99	-11.1079	0.0201	-0.0199
921	SLD 9	-1.5	1.98	25.95	-9.873	0.0042	-0.8695



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
921	SLD 10	-1.72	1.7	26.22	-9.9804	0.0043	-0.9957
921	SLD 11	-1.76	-1.6	27.24	-10.2956	0.0065	-1.0143
921	SLD 12	-1.98	-1.88	27.51	-10.403	0.0065	-1.1405
921	SLD 13	-3.81	0.92	23.44	-9.1706	-0.0108	-2.1948
921	SLD 14	-4.14	0.5	23.85	-9.3337	-0.0107	-2.3864
921	SLD 15	-3.89	-0.16	23.83	-9.2974	-0.0102	-2.2382
921	SLD 16	-4.22	-0.58	24.24	-9.4604	-0.0101	-2.4298
921	SLV 1	7.31	1.3	36.72	-12.9049	0.0642	4.1975
921	SLV 2	6.53	0.33	37.67	-13.2845	0.0644	3.7513
921	SLV 3	7.13	-1.13	37.6	-13.1959	0.0657	4.0984
921	SLV 4	6.35	-2.11	38.55	-13.5755	0.0659	3.6522
921	SLV 5	2.06	4.25	29.09	-10.7076	0.0254	1.1756
921	SLV 6	1.56	3.62	29.71	-10.9533	0.0255	0.8869
921	SLV 7	1.47	-3.86	32.03	-11.6775	0.0305	0.8455
921	SLV 8	0.96	-4.5	32.65	-11.9232	0.0306	0.5568
921	SLV 9	-2.5	4.49	23.29	-9.0578	-0.0063	-1.4462
921	SLV 10	-3	3.86	23.91	-9.3034	-0.0062	-1.7349
921	SLV 11	-3.09	-3.62	26.23	-10.0277	-0.0012	-1.7763
921	SLV 12	-3.6	-4.26	26.85	-10.2734	-0.0011	-2.065
921	SLV 13	-7.89	2.11	17.38	-7.4054	-0.0416	-4.5416
921	SLV 14	-8.67	1.13	18.34	-7.7851	-0.0414	-4.9878
921	SLV 15	-8.06	-0.33	18.26	-7.6964	-0.0401	-4.6407
921	SLV 16	-8.84	-1.31	19.22	-8.0761	-0.0399	-5.0868
921	CRTFP Ux+	0	0	0	0	0	0
921	CRTFP Ux-	0	0	0	0	0	0
921	CRTFP Uy+	0	0	0	0	0	0
921	CRTFP Uy-	0	0	0	0	0	0
922	SLU 1	-0.73	-0.11	26.23	-9.9822	-0.0112	-0.4251
922	SLU 2	-0.74	-0.04	26.24	-9.9877	-0.0112	-0.4297
922	SLU 3	-0.75	-0.11	26.83	-10.1977	-0.0115	-0.4356
922	SLU 4	-0.76	-0.07	26.84	-10.201	-0.0115	-0.4384
922	SLU 5	-0.75	-0.04	26.61	-10.1188	-0.0113	-0.4354
922	SLU 6	-0.76	-0.11	27.19	-10.3288	-0.0117	-0.4414
922	SLU 7	-0.77	-0.07	27.2	-10.3321	-0.0117	-0.4441
922	SLU 8	-0.75	-0.11	26.96	-10.2445	-0.0116	-0.4366
922	SLU 9	-0.76	-0.07	26.96	-10.2477	-0.0115	-0.4393
922	SLU 10	-0.8	-0.03	29.29	-11.0808	-0.0134	-0.4641
922	SLU 11	-0.81	-0.1	29.88	-11.2909	-0.0138	-0.47
922	SLU 12	-0.82	-0.06	29.89	-11.2941	-0.0138	-0.4728
922	SLU 13	-0.81	-0.03	29.65	-11.2119	-0.0136	-0.4698
922	SLU 14	-0.82	-0.1	30.24	-11.422	-0.014	-0.4758
922	SLU 15	-0.83	-0.05	30.25	-11.4253	-0.0139	-0.4785
922	SLU 16	-0.81	-0.1	30.01	-11.3376	-0.0138	-0.4709
922	SLU 17	-0.82	-0.05	30.01	-11.3409	-0.0138	-0.4737
922	SLU 18	-0.82	-0.1	30.58	-11.5439	-0.0144	-0.4742
922	SLU 19	-0.82	-0.05	30.59	-11.5471	-0.0144	-0.477
922	SLU 20	-0.83	-0.09	30.95	-11.675	-0.0146	-0.4799
922	SLU 21	-0.83	-0.05	30.96	-11.6783	-0.0146	-0.4827
922	SLU 22	-0.8	-0.09	29.31	-11.0821	-0.0133	-0.4626
922	SLU 23	-0.81	-0.02	29.32	-11.0876	-0.0133	-0.4672
922	SLU 24	-0.82	-0.09	29.91	-11.2976	-0.0137	-0.4732
922	SLU 25	-0.82	-0.04	29.92	-11.3009	-0.0136	-0.4759
922	SLU 26	-0.82	-0.02	29.69	-11.2187	-0.0135	-0.4729
922	SLU 27	-0.83	-0.08	30.27	-11.4287	-0.0138	-0.4789
922	SLU 28	-0.83	-0.04	30.28	-11.432	-0.0138	-0.4817
922	SLU 29	-0.82	-0.09	30.04	-11.3444	-0.0137	-0.4741
922	SLU 30	-0.82	-0.04	30.05	-11.3476	-0.0136	-0.4768
922	SLU 31	-0.87	-0.01	32.37	-12.1807	-0.0155	-0.5016
922	SLU 32	-0.88	-0.07	32.96	-12.3908	-0.0159	-0.5076
922	SLU 33	-0.88	-0.03	32.97	-12.394	-0.0159	-0.5103
922	SLU 34	-0.88	-0.01	32.74	-12.3118	-0.0157	-0.5073
922	SLU 35	-0.89	-0.07	33.32	-12.5219	-0.0161	-0.5133
922	SLU 36	-0.89	-0.03	33.33	-12.5252	-0.0161	-0.5161
922	SLU 37	-0.88	-0.07	33.09	-12.4375	-0.0159	-0.5085
922	SLU 38	-0.88	-0.03	33.1	-12.4408	-0.0159	-0.5112
922	SLU 39	-0.88	-0.07	33.67	-12.6438	-0.0165	-0.5117
922	SLU 40	-0.89	-0.03	33.67	-12.647	-0.0165	-0.5145
922	SLU 41	-0.89	-0.07	34.03	-12.7749	-0.0167	-0.5175
922	SLU 42	-0.9	-0.03	34.04	-12.7782	-0.0167	-0.5202
922	SLU 43	-0.93	-0.16	33.04	-12.5998	-0.0139	-0.5397
922	SLU 44	-0.94	-0.09	33.05	-12.6052	-0.0138	-0.5443
922	SLU 45	-0.95	-0.15	33.64	-12.8153	-0.0142	-0.5503
922	SLU 46	-0.96	-0.11	33.65	-12.8185	-0.0142	-0.5531
922	SLU 47	-0.95	-0.08	33.42	-12.7363	-0.014	-0.5501
922	SLU 48	-0.96	-0.15	34	-12.9464	-0.0144	-0.5556
922	SLU 49	-0.97	-0.11	34.01	-12.9497	-0.0143	-0.5588
922	SLU 50	-0.95	-0.15	33.77	-12.862	-0.0142	-0.5512
922	SLU 51	-0.96	-0.11	33.78	-12.8653	-0.0142	-0.554
922	SLU 52	-1	-0.07	36.1	-13.6984	-0.0161	-0.5787
922	SLU 53	-1.01	-0.14	36.69	-13.9084	-0.0164	-0.5847
922	SLU 54	-1.01	-0.1	36.7	-13.9117	-0.0164	-0.5874
922	SLU 55	-1.01	-0.07	36.47	-13.8295	-0.0162	-0.5844
922	SLU 56	-1.02	-0.14	37.05	-14.0396	-0.0166	-0.5904
922	SLU 57	-1.02	-0.1	37.06	-14.0428	-0.0166	-0.5932
922	SLU 58	-1.01	-0.14	36.82	-13.9552	-0.0165	-0.5856
922	SLU 59	-1.02	-0.1	36.82	-13.9584	-0.0164	-0.5883
922	SLU 60	-1.02	-0.14	37.4	-14.1614	-0.0171	-0.5889
922	SLU 61	-1.02	-0.1	37.4	-14.1647	-0.017	-0.5916
922	SLU 62	-1.03	-0.14	37.76	-14.2926	-0.0173	-0.5946



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
922	SLU 63	-1.03	-0.09	37.77	-14.2958	-0.0172	-0.5973
922	SLU 64	-1	-0.13	36.12	-13.6997	-0.016	-0.5773
922	SLU 65	-1	-0.06	36.14	-13.7051	-0.0159	-0.5819
922	SLU 66	-1.02	-0.13	36.72	-13.9152	-0.0163	-0.5878
922	SLU 67	-1.02	-0.09	36.73	-13.9184	-0.0163	-0.5906
922	SLU 68	-1.01	-0.06	36.5	-13.8362	-0.0161	-0.5876
922	SLU 69	-1.03	-0.13	37.09	-14.0463	-0.0165	-0.5936
922	SLU 70	-1.03	-0.08	37.09	-14.0496	-0.0164	-0.5963
922	SLU 71	-1.02	-0.13	36.85	-13.9619	-0.0163	-0.5887
922	SLU 72	-1.02	-0.09	36.86	-13.9652	-0.0163	-0.5915
922	SLU 73	-1.06	-0.05	39.18	-14.7983	-0.0182	-0.6162
922	SLU 74	-1.07	-0.12	39.77	-15.0083	-0.0186	-0.6222
922	SLU 75	-1.08	-0.07	39.78	-15.0116	-0.0185	-0.625
922	SLU 76	-1.07	-0.05	39.55	-14.9294	-0.0183	-0.622
922	SLU 77	-1.08	-0.11	40.13	-15.1395	-0.0187	-0.628
922	SLU 78	-1.09	-0.07	40.14	-15.1427	-0.0187	-0.6307
922	SLU 79	-1.08	-0.12	39.9	-15.0551	-0.0186	-0.6231
922	SLU 80	-1.08	-0.07	39.91	-15.0583	-0.0185	-0.6259
922	SLU 81	-1.08	-0.11	40.48	-15.2613	-0.0192	-0.6264
922	SLU 82	-1.09	-0.07	40.49	-15.2646	-0.0192	-0.6291
922	SLU 83	-1.09	-0.11	40.84	-15.3925	-0.0194	-0.6321
922	SLU 84	-1.1	-0.07	40.85	-15.3957	-0.0193	-0.6349
922	SLE RA 1	-0.75	-0.11	27.11	-10.2965	-0.0118	-0.4358
922	SLE RA 2	-0.76	-0.06	27.12	-10.3001	-0.0118	-0.4389
922	SLE RA 3	-0.76	-0.1	27.51	-10.4402	-0.012	-0.4428
922	SLE RA 4	-0.77	-0.08	27.51	-10.4423	-0.012	-0.4447
922	SLE RA 5	-0.76	-0.06	27.36	-10.3875	-0.0119	-0.4427
922	SLE RA 6	-0.77	-0.1	27.75	-10.5276	-0.0122	-0.4467
922	SLE RA 7	-0.77	-0.07	27.76	-10.5297	-0.0121	-0.4485
922	SLE RA 8	-0.77	-0.1	27.59	-10.4713	-0.0121	-0.4434
922	SLE RA 9	-0.77	-0.08	27.6	-10.4735	-0.012	-0.4453
922	SLE RA 10	-0.8	-0.05	29.15	-11.0289	-0.0133	-0.4618
922	SLE RA 11	-0.8	-0.1	29.54	-11.1689	-0.0135	-0.4658
922	SLE RA 12	-0.81	-0.07	29.55	-11.1711	-0.0135	-0.4676
922	SLE RA 13	-0.8	-0.05	29.39	-11.1163	-0.0134	-0.4656
922	SLE RA 14	-0.81	-0.09	29.78	-11.2563	-0.0137	-0.4696
922	SLE RA 15	-0.81	-0.07	29.79	-11.2585	-0.0136	-0.4714
922	SLE RA 16	-0.81	-0.1	29.63	-11.2001	-0.0136	-0.4664
922	SLE RA 17	-0.81	-0.07	29.63	-11.2023	-0.0135	-0.4682
922	SLE RA 18	-0.81	-0.1	30.01	-11.3376	-0.014	-0.4685
922	SLE RA 19	-0.81	-0.07	30.02	-11.3398	-0.0139	-0.4704
922	SLE RA 20	-0.82	-0.09	30.26	-11.425	-0.0141	-0.4724
922	SLE RA 21	-0.82	-0.07	30.26	-11.4272	-0.0141	-0.4742
922	SLE FR 1	-0.75	-0.11	27.11	-10.2965	-0.0118	-0.4358
922	SLE FR 2	-0.75	-0.1	27.11	-10.2972	-0.0118	-0.4364
922	SLE FR 3	-0.76	-0.11	27.21	-10.3315	-0.0119	-0.4373
922	SLE FR 4	-0.77	-0.09	27.98	-10.6095	-0.0125	-0.4462
922	SLE FR 5	-0.77	-0.1	28.08	-10.6438	-0.0125	-0.4472
922	SLE FR 6	-0.78	-0.1	28.56	-10.817	-0.0129	-0.4522
922	SLE QP 1	-0.75	-0.11	27.11	-10.2965	-0.0118	-0.4358
922	SLE QP 2	-0.77	-0.1	27.98	-10.6088	-0.0125	-0.4456
922	SLD 1	2.69	0.44	31.1	-11.3147	0.0042	1.5416
922	SLD 2	2.35	0.05	31.51	-11.4847	0.004	1.3499
922	SLD 3	2.61	-0.57	31.48	-11.4448	0.004	1.4984
922	SLD 4	2.28	-0.97	31.89	-11.6148	0.0038	1.3067
922	SLD 5	0.44	1.68	28.26	-10.5928	-0.007	0.2505
922	SLD 6	0.22	1.42	28.53	-10.7047	-0.0072	0.1243
922	SLD 7	0.19	-1.72	29.53	-11.0265	-0.0079	0.1064
922	SLD 8	-0.03	-1.98	29.81	-11.1384	-0.008	-0.0198
922	SLD 9	-1.51	1.77	26.15	-10.0793	-0.0169	-0.8714
922	SLD 10	-1.73	1.51	26.42	-10.1912	-0.0171	-0.9976
922	SLD 11	-1.76	-1.63	27.43	-10.5129	-0.0177	-1.0155
922	SLD 12	-1.98	-1.88	27.7	-10.6248	-0.0179	-1.1417
922	SLD 13	-3.82	0.76	24.07	-9.6029	-0.0287	-2.198
922	SLD 14	-4.15	0.37	24.48	-9.7728	-0.0289	-2.3896
922	SLD 15	-3.89	-0.26	24.45	-9.733	-0.0289	-2.2412
922	SLD 16	-4.23	-0.65	24.86	-9.9029	-0.0292	-2.4329
922	SLV 1	7.32	1.14	35.29	-12.2647	0.0266	4.2014
922	SLV 2	6.54	0.23	36.25	-12.6604	0.0261	3.7551
922	SLV 3	7.14	-1.17	36.16	-12.5632	0.0261	4.1029
922	SLV 4	6.36	-2.08	37.12	-12.959	0.0255	3.6566
922	SLV 5	2.06	3.93	28.68	-10.5841	0.0002	1.1754
922	SLV 6	1.55	3.34	29.31	-10.8402	-0.0001	0.8866
922	SLV 7	1.47	-3.77	31.59	-11.5793	-0.0017	0.8469
922	SLV 8	0.97	-4.36	32.21	-11.8354	-0.002	0.5581
922	SLV 9	-2.51	4.15	23.75	-9.3823	-0.0229	-1.4493
922	SLV 10	-3.01	3.56	24.37	-9.6384	-0.0232	-1.7381
922	SLV 11	-3.09	-3.55	26.65	-10.3775	-0.0248	-1.7779
922	SLV 12	-3.6	-4.14	27.28	-10.6335	-0.0251	-2.0667
922	SLV 13	-7.9	1.88	18.84	-8.2587	-0.0505	-4.5478
922	SLV 14	-8.68	0.97	19.8	-8.6544	-0.051	-4.9941
922	SLV 15	-8.08	-0.43	19.71	-8.5572	-0.051	-4.6464
922	SLV 16	-8.85	-1.34	20.67	-8.953	-0.0515	-5.0927
922	CRTFP Ux+	0	0	0	0	0	0
922	CRTFP Ux-	0	0	0	0	0	0
922	CRTFP Uy+	0	0	0	0	0	0
922	CRTFP Uy-	0	0	0	0	0	0
923	SLU 1	-0.74	-0.2	26.91	-10.6535	-0.0314	-0.4253
923	SLU 2	-0.74	-0.14	26.92	-10.6583	-0.0314	-0.4298



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
923	SLU 3	-0.75	-0.2	27.53	-10.8874	-0.0323	-0.4359
923	SLU 4	-0.76	-0.16	27.54	-10.8903	-0.0322	-0.4386
923	SLU 5	-0.75	-0.14	27.3	-10.8001	-0.0319	-0.4355
923	SLU 6	-0.76	-0.2	27.9	-11.0292	-0.0328	-0.4416
923	SLU 7	-0.77	-0.16	27.91	-11.0321	-0.0327	-0.4443
923	SLU 8	-0.75	-0.2	27.66	-10.9371	-0.0324	-0.4368
923	SLU 9	-0.76	-0.16	27.67	-10.94	-0.0324	-0.4395
923	SLU 10	-0.8	-0.14	30.09	-11.853	-0.0363	-0.4646
923	SLU 11	-0.81	-0.2	30.69	-12.0821	-0.0372	-0.4707
923	SLU 12	-0.82	-0.16	30.7	-12.085	-0.0372	-0.4733
923	SLU 13	-0.81	-0.14	30.46	-11.9948	-0.0368	-0.4703
923	SLU 14	-0.82	-0.2	31.07	-12.2239	-0.0377	-0.4764
923	SLU 15	-0.83	-0.16	31.08	-12.2268	-0.0376	-0.479
923	SLU 16	-0.81	-0.2	30.82	-12.1318	-0.0373	-0.4715
923	SLU 17	-0.82	-0.16	30.83	-12.1347	-0.0373	-0.4742
923	SLU 18	-0.82	-0.2	31.43	-12.3602	-0.0384	-0.475
923	SLU 19	-0.83	-0.16	31.44	-12.3631	-0.0384	-0.4777
923	SLU 20	-0.83	-0.2	31.81	-12.502	-0.0389	-0.4807
923	SLU 21	-0.84	-0.16	31.81	-12.5049	-0.0389	-0.4834
923	SLU 22	-0.8	-0.19	30.1	-11.8531	-0.0362	-0.4632
923	SLU 23	-0.81	-0.12	30.12	-11.8579	-0.0362	-0.4677
923	SLU 24	-0.82	-0.19	30.72	-12.087	-0.0371	-0.4738
923	SLU 25	-0.82	-0.15	30.73	-12.0899	-0.037	-0.4764
923	SLU 26	-0.82	-0.12	30.49	-11.9997	-0.0367	-0.4734
923	SLU 27	-0.83	-0.18	31.1	-12.2288	-0.0376	-0.4795
923	SLU 28	-0.83	-0.15	31.11	-12.2317	-0.0375	-0.4822
923	SLU 29	-0.82	-0.19	30.85	-12.1367	-0.0372	-0.4746
923	SLU 30	-0.82	-0.15	30.86	-12.1396	-0.0372	-0.4773
923	SLU 31	-0.87	-0.12	33.28	-13.0527	-0.0411	-0.5025
923	SLU 32	-0.88	-0.19	33.89	-13.2818	-0.042	-0.5085
923	SLU 33	-0.88	-0.15	33.89	-13.2847	-0.042	-0.5112
923	SLU 34	-0.88	-0.12	33.65	-13.1945	-0.0416	-0.5082
923	SLU 35	-0.89	-0.18	34.26	-13.4236	-0.0425	-0.5142
923	SLU 36	-0.89	-0.15	34.27	-13.4265	-0.0424	-0.5169
923	SLU 37	-0.88	-0.19	34.02	-13.3314	-0.0421	-0.5094
923	SLU 38	-0.88	-0.15	34.02	-13.3343	-0.0421	-0.5121
923	SLU 39	-0.89	-0.19	34.62	-13.5599	-0.0432	-0.5129
923	SLU 40	-0.89	-0.15	34.63	-13.5628	-0.0432	-0.5156
923	SLU 41	-0.9	-0.19	35	-13.7017	-0.0437	-0.5186
923	SLU 42	-0.9	-0.15	35.01	-13.7046	-0.0437	-0.5213
923	SLU 43	-0.93	-0.27	33.89	-13.4382	-0.0392	-0.54
923	SLU 44	-0.94	-0.2	33.9	-13.443	-0.0391	-0.5444
923	SLU 45	-0.95	-0.27	34.51	-13.6721	-0.04	-0.5505
923	SLU 46	-0.96	-0.23	34.52	-13.675	-0.04	-0.5532
923	SLU 47	-0.95	-0.2	34.28	-13.5848	-0.0396	-0.5502
923	SLU 48	-0.96	-0.26	34.88	-13.8139	-0.0405	-0.5562
923	SLU 49	-0.97	-0.23	34.89	-13.8168	-0.0405	-0.5589
923	SLU 50	-0.95	-0.27	34.64	-13.7218	-0.0402	-0.5514
923	SLU 51	-0.96	-0.23	34.65	-13.7247	-0.0401	-0.5541
923	SLU 52	-1	-0.2	37.07	-14.6377	-0.044	-0.5792
923	SLU 53	-1.01	-0.26	37.67	-14.8668	-0.045	-0.5853
923	SLU 54	-1.02	-0.23	37.68	-14.8697	-0.0449	-0.588
923	SLU 55	-1.01	-0.2	37.44	-14.7795	-0.0445	-0.5849
923	SLU 56	-1.02	-0.26	38.05	-15.0086	-0.0454	-0.591
923	SLU 57	-1.03	-0.23	38.05	-15.0115	-0.0454	-0.5937
923	SLU 58	-1.01	-0.26	37.8	-14.9165	-0.0451	-0.5862
923	SLU 59	-1.02	-0.23	37.81	-14.9194	-0.045	-0.5888
923	SLU 60	-1.02	-0.27	38.41	-15.145	-0.0462	-0.5896
923	SLU 61	-1.02	-0.23	38.42	-15.1478	-0.0462	-0.5923
923	SLU 62	-1.03	-0.27	38.78	-15.2868	-0.0467	-0.5953
923	SLU 63	-1.03	-0.23	38.79	-15.2896	-0.0467	-0.598
923	SLU 64	-1	-0.25	37.08	-14.6379	-0.044	-0.5778
923	SLU 65	-1.01	-0.19	37.09	-14.6427	-0.0439	-0.5823
923	SLU 66	-1.02	-0.25	37.7	-14.8718	-0.0449	-0.5884
923	SLU 67	-1.02	-0.21	37.71	-14.8747	-0.0448	-0.5911
923	SLU 68	-1.02	-0.19	37.47	-14.7845	-0.0444	-0.588
923	SLU 69	-1.03	-0.25	38.08	-15.0136	-0.0453	-0.5941
923	SLU 70	-1.03	-0.21	38.08	-15.0165	-0.0453	-0.5968
923	SLU 71	-1.02	-0.25	37.83	-14.9214	-0.045	-0.5893
923	SLU 72	-1.02	-0.21	37.84	-14.9243	-0.0449	-0.5919
923	SLU 73	-1.07	-0.19	40.26	-15.8374	-0.0488	-0.6171
923	SLU 74	-1.08	-0.25	40.87	-16.0665	-0.0498	-0.6231
923	SLU 75	-1.08	-0.21	40.87	-16.0694	-0.0497	-0.6258
923	SLU 76	-1.08	-0.19	40.63	-15.9792	-0.0493	-0.6228
923	SLU 77	-1.09	-0.25	41.24	-16.2083	-0.0502	-0.6289
923	SLU 78	-1.09	-0.21	41.25	-16.2112	-0.0502	-0.6315
923	SLU 79	-1.08	-0.25	41	-16.1162	-0.0499	-0.624
923	SLU 80	-1.08	-0.21	41	-16.1191	-0.0498	-0.6267
923	SLU 81	-1.08	-0.25	41.6	-16.3446	-0.051	-0.6275
923	SLU 82	-1.09	-0.21	41.61	-16.3475	-0.051	-0.6302
923	SLU 83	-1.09	-0.25	41.98	-16.4864	-0.0515	-0.6332
923	SLU 84	-1.1	-0.21	41.98	-16.4893	-0.0515	-0.6359
923	SLE RA 1	-0.75	-0.2	27.82	-10.9962	-0.0328	-0.4362
923	SLE RA 2	-0.76	-0.15	27.83	-10.9994	-0.0328	-0.4392
923	SLE RA 3	-0.77	-0.2	28.24	-11.1522	-0.0334	-0.4432
923	SLE RA 4	-0.77	-0.17	28.24	-11.1541	-0.0333	-0.445
923	SLE RA 5	-0.77	-0.15	28.08	-11.094	-0.0331	-0.443
923	SLE RA 6	-0.77	-0.2	28.49	-11.2467	-0.0337	-0.447
923	SLE RA 7	-0.78	-0.17	28.49	-11.2486	-0.0337	-0.4488



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
923	SLE RA 8	-0.77	-0.2	28.32	-11.1853	-0.0334	-0.4438
923	SLE RA 9	-0.77	-0.17	28.33	-11.1872	-0.0334	-0.4456
923	SLE RA 10	-0.8	-0.15	29.94	-11.7959	-0.036	-0.4623
923	SLE RA 11	-0.81	-0.2	30.35	-11.9487	-0.0366	-0.4664
923	SLE RA 12	-0.81	-0.17	30.35	-11.9506	-0.0366	-0.4682
923	SLE RA 13	-0.81	-0.15	30.19	-11.8905	-0.0363	-0.4661
923	SLE RA 14	-0.81	-0.2	30.59	-12.0432	-0.037	-0.4702
923	SLE RA 15	-0.82	-0.17	30.6	-12.0451	-0.0369	-0.472
923	SLE RA 16	-0.81	-0.2	30.43	-11.9818	-0.0367	-0.467
923	SLE RA 17	-0.81	-0.17	30.44	-11.9837	-0.0367	-0.4687
923	SLE RA 18	-0.81	-0.2	30.84	-12.1341	-0.0375	-0.4693
923	SLE RA 19	-0.81	-0.17	30.84	-12.136	-0.0374	-0.4711
923	SLE RA 20	-0.82	-0.2	31.09	-12.2286	-0.0378	-0.4731
923	SLE RA 21	-0.82	-0.17	31.09	-12.2305	-0.0378	-0.4749
923	SLE FR 1	-0.75	-0.2	27.82	-10.9962	-0.0328	-0.4362
923	SLE FR 2	-0.75	-0.19	27.82	-10.9969	-0.0328	-0.4368
923	SLE FR 3	-0.76	-0.2	27.92	-11.034	-0.0329	-0.4377
923	SLE FR 4	-0.77	-0.19	28.73	-11.3382	-0.0342	-0.4467
923	SLE FR 5	-0.77	-0.2	28.83	-11.3754	-0.0343	-0.4476
923	SLE FR 6	-0.78	-0.2	29.33	-11.5651	-0.0351	-0.4527
923	SLE QP 1	-0.75	-0.2	27.82	-10.9962	-0.0328	-0.4362
923	SLE QP 2	-0.77	-0.2	28.73	-11.3376	-0.0342	-0.4461
923	SLD 1	2.69	0.32	31.4	-11.8595	-0.0229	1.5429
923	SLD 2	2.36	-0.04	31.83	-12.043	-0.0233	1.3512
923	SLD 3	2.61	-0.65	31.8	-12.0052	-0.0238	1.4999
923	SLD 4	2.28	-1.02	32.23	-12.1888	-0.0243	1.3082
923	SLD 5	0.44	1.5	28.85	-11.2401	-0.0293	0.2502
923	SLD 6	0.22	1.26	29.13	-11.361	-0.0295	0.124
923	SLD 7	0.19	-1.75	30.18	-11.7261	-0.0325	0.1068
923	SLD 8	-0.03	-1.99	30.46	-11.8469	-0.0327	-0.0194
923	SLD 9	-1.51	1.6	27	-10.8282	-0.0356	-0.8728
923	SLD 10	-1.73	1.36	27.28	-10.9491	-0.0359	-0.999
923	SLD 11	-1.76	-1.66	28.32	-11.3142	-0.0388	-1.0162
923	SLD 12	-1.98	-1.9	28.6	-11.435	-0.0391	-1.1424
923	SLD 13	-3.82	0.62	25.23	-10.4864	-0.0441	-2.2004
923	SLD 14	-4.16	0.26	25.65	-10.6699	-0.0445	-2.3921
923	SLD 15	-3.9	-0.35	25.63	-10.6322	-0.0451	-2.2434
923	SLD 16	-4.23	-0.72	26.05	-10.8157	-0.0455	-2.4351
923	SLV 1	7.32	0.98	35.01	-12.5636	-0.0078	4.205
923	SLV 2	6.54	0.13	35.99	-12.991	-0.0087	3.7588
923	SLV 3	7.15	-1.24	35.91	-12.8971	-0.0099	4.107
923	SLV 4	6.37	-2.08	36.9	-13.3245	-0.0109	3.6607
923	SLV 5	2.06	3.66	29.07	-11.1255	-0.0228	1.1753
923	SLV 6	1.55	3.11	29.7	-11.402	-0.0234	0.8866
923	SLV 7	1.48	-3.72	32.08	-12.237	-0.03	0.8486
923	SLV 8	0.97	-4.27	32.72	-12.5136	-0.0307	0.5598
923	SLV 9	-2.51	3.87	24.73	-10.1616	-0.0377	-1.452
923	SLV 10	-3.02	3.32	25.37	-10.4381	-0.0383	-1.7408
923	SLV 11	-3.09	-3.5	27.75	-11.2732	-0.0449	-1.7788
923	SLV 12	-3.6	-4.05	28.39	-11.5497	-0.0456	-2.0675
923	SLV 13	-7.91	1.69	20.56	-9.3507	-0.0575	-4.553
923	SLV 14	-8.69	0.84	21.54	-9.7781	-0.0584	-4.9992
923	SLV 15	-8.09	-0.52	21.46	-9.6842	-0.0596	-4.651
923	SLV 16	-8.86	-1.37	22.45	-10.1115	-0.0606	-5.0972
923	CRTFP Ux+	0	0	0	0	0	0
923	CRTFP Ux-	0	0	0	0	0	0
923	CRTFP Uy+	0	0	0	0	0	0
923	CRTFP Uy-	0	0	0	0	0	0
924	SLU 1	-0.74	-0.28	28.17	-11.8151	-0.0476	-0.4253
924	SLU 2	-0.74	-0.22	28.19	-11.8193	-0.0476	-0.4296
924	SLU 3	-0.75	-0.28	28.83	-12.0803	-0.0489	-0.4358
924	SLU 4	-0.76	-0.24	28.83	-12.0828	-0.0489	-0.4384
924	SLU 5	-0.75	-0.22	28.58	-11.9794	-0.0483	-0.4353
924	SLU 6	-0.76	-0.28	29.22	-12.2404	-0.0496	-0.4415
924	SLU 7	-0.77	-0.24	29.23	-12.2429	-0.0496	-0.4441
924	SLU 8	-0.76	-0.28	28.96	-12.1352	-0.0491	-0.4366
924	SLU 9	-0.76	-0.24	28.97	-12.1378	-0.0491	-0.4392
924	SLU 10	-0.8	-0.23	31.54	-13.1805	-0.0546	-0.4648
924	SLU 11	-0.81	-0.29	32.18	-13.4415	-0.0559	-0.4709
924	SLU 12	-0.82	-0.25	32.19	-13.444	-0.0559	-0.4735
924	SLU 13	-0.81	-0.23	31.93	-13.3406	-0.0553	-0.4705
924	SLU 14	-0.82	-0.29	32.58	-13.6015	-0.0567	-0.4766
924	SLU 15	-0.83	-0.25	32.58	-13.6041	-0.0567	-0.4792
924	SLU 16	-0.82	-0.29	32.32	-13.4964	-0.0561	-0.4718
924	SLU 17	-0.82	-0.25	32.32	-13.4989	-0.0561	-0.4744
924	SLU 18	-0.82	-0.29	32.97	-13.7596	-0.0577	-0.4755
924	SLU 19	-0.83	-0.26	32.97	-13.7622	-0.0576	-0.4781
924	SLU 20	-0.83	-0.29	33.36	-13.9197	-0.0584	-0.4812
924	SLU 21	-0.84	-0.26	33.37	-13.9222	-0.0584	-0.4838
924	SLU 22	-0.8	-0.27	31.56	-13.1803	-0.0546	-0.4635
924	SLU 23	-0.81	-0.21	31.57	-13.1845	-0.0545	-0.4679
924	SLU 24	-0.82	-0.27	32.21	-13.4455	-0.0559	-0.474
924	SLU 25	-0.82	-0.24	32.22	-13.4481	-0.0559	-0.4766
924	SLU 26	-0.82	-0.21	31.96	-13.3446	-0.0553	-0.4735
924	SLU 27	-0.83	-0.27	32.6	-13.6056	-0.0566	-0.4797
924	SLU 28	-0.83	-0.24	32.61	-13.6081	-0.0566	-0.4823
924	SLU 29	-0.82	-0.27	32.34	-13.5004	-0.0561	-0.4749
924	SLU 30	-0.83	-0.24	32.35	-13.503	-0.056	-0.4775
924	SLU 31	-0.87	-0.22	34.92	-14.5457	-0.0616	-0.503



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
924	SLU 32	-0.88	-0.28	35.56	-14.8067	-0.0629	-0.5092
924	SLU 33	-0.89	-0.25	35.57	-14.8092	-0.0629	-0.5118
924	SLU 34	-0.88	-0.22	35.32	-14.7058	-0.0623	-0.5087
924	SLU 35	-0.89	-0.28	35.96	-14.9668	-0.0637	-0.5148
924	SLU 36	-0.89	-0.25	35.96	-14.9693	-0.0636	-0.5175
924	SLU 37	-0.88	-0.28	35.7	-14.8616	-0.0631	-0.51
924	SLU 38	-0.89	-0.25	35.71	-14.8642	-0.0631	-0.5126
924	SLU 39	-0.89	-0.29	36.35	-15.1248	-0.0647	-0.5137
924	SLU 40	-0.89	-0.25	36.35	-15.1274	-0.0646	-0.5163
924	SLU 41	-0.9	-0.29	36.74	-15.2849	-0.0654	-0.5194
924	SLU 42	-0.9	-0.25	36.75	-15.2875	-0.0654	-0.522
924	SLU 43	-0.93	-0.37	35.47	-14.8915	-0.0595	-0.5398
924	SLU 44	-0.94	-0.31	35.48	-14.8958	-0.0594	-0.5441
924	SLU 45	-0.95	-0.37	36.12	-15.1567	-0.0608	-0.5503
924	SLU 46	-0.96	-0.33	36.13	-15.1593	-0.0608	-0.5529
924	SLU 47	-0.95	-0.31	35.87	-15.0558	-0.0602	-0.5498
924	SLU 48	-0.96	-0.37	36.52	-15.3168	-0.0615	-0.5559
924	SLU 49	-0.97	-0.33	36.52	-15.3194	-0.0615	-0.5586
924	SLU 50	-0.95	-0.37	36.26	-15.2117	-0.061	-0.5511
924	SLU 51	-0.96	-0.33	36.26	-15.2142	-0.0609	-0.5537
924	SLU 52	-1	-0.31	38.83	-16.2569	-0.0665	-0.5793
924	SLU 53	-1.01	-0.38	39.48	-16.5179	-0.0678	-0.5854
924	SLU 54	-1.02	-0.34	39.48	-16.5205	-0.0678	-0.588
924	SLU 55	-1.01	-0.31	39.23	-16.417	-0.0672	-0.5849
924	SLU 56	-1.02	-0.38	39.87	-16.678	-0.0686	-0.5911
924	SLU 57	-1.03	-0.34	39.88	-16.6805	-0.0685	-0.5937
924	SLU 58	-1.01	-0.38	39.61	-16.5728	-0.068	-0.5863
924	SLU 59	-1.02	-0.34	39.62	-16.5754	-0.068	-0.5889
924	SLU 60	-1.02	-0.38	40.26	-16.8361	-0.0696	-0.59
924	SLU 61	-1.02	-0.34	40.27	-16.8386	-0.0695	-0.5926
924	SLU 62	-1.03	-0.38	40.65	-16.9961	-0.0703	-0.5957
924	SLU 63	-1.03	-0.34	40.66	-16.9987	-0.0703	-0.5983
924	SLU 64	-1	-0.36	38.85	-16.2567	-0.0665	-0.578
924	SLU 65	-1.01	-0.3	38.86	-16.261	-0.0664	-0.5823
924	SLU 66	-1.02	-0.36	39.5	-16.522	-0.0678	-0.5885
924	SLU 67	-1.02	-0.32	39.51	-16.5245	-0.0677	-0.5911
924	SLU 68	-1.02	-0.3	39.25	-16.4211	-0.0672	-0.588
924	SLU 69	-1.03	-0.36	39.9	-16.682	-0.0685	-0.5942
924	SLU 70	-1.03	-0.32	39.9	-16.6846	-0.0685	-0.5968
924	SLU 71	-1.02	-0.36	39.64	-16.5769	-0.068	-0.5893
924	SLU 72	-1.02	-0.32	39.64	-16.5794	-0.0679	-0.592
924	SLU 73	-1.07	-0.31	42.21	-17.6222	-0.0735	-0.6175
924	SLU 74	-1.08	-0.37	42.86	-17.8831	-0.0748	-0.6236
924	SLU 75	-1.08	-0.33	42.86	-17.8857	-0.0748	-0.6263
924	SLU 76	-1.08	-0.31	42.61	-17.7822	-0.0742	-0.6232
924	SLU 77	-1.09	-0.37	43.25	-18.0432	-0.0756	-0.6293
924	SLU 78	-1.09	-0.33	43.26	-18.0458	-0.0755	-0.6319
924	SLU 79	-1.08	-0.37	42.99	-17.9381	-0.075	-0.6245
924	SLU 80	-1.08	-0.33	43	-17.9406	-0.075	-0.6271
924	SLU 81	-1.09	-0.37	43.64	-18.2013	-0.0765	-0.6282
924	SLU 82	-1.09	-0.34	43.65	-18.2038	-0.0765	-0.6308
924	SLU 83	-1.1	-0.37	44.04	-18.3613	-0.0773	-0.6339
924	SLU 84	-1.1	-0.34	44.04	-18.3639	-0.0773	-0.6365
924	SLE RA 1	-0.75	-0.28	29.14	-12.2051	-0.0496	-0.4362
924	SLE RA 2	-0.76	-0.24	29.15	-12.208	-0.0496	-0.4391
924	SLE RA 3	-0.77	-0.28	29.58	-12.382	-0.0505	-0.4432
924	SLE RA 4	-0.77	-0.25	29.58	-12.3837	-0.0504	-0.4449
924	SLE RA 5	-0.77	-0.24	29.41	-12.3147	-0.0501	-0.4429
924	SLE RA 6	-0.77	-0.28	29.84	-12.4887	-0.051	-0.447
924	SLE RA 7	-0.78	-0.25	29.84	-12.4904	-0.0509	-0.4487
924	SLE RA 8	-0.77	-0.28	29.67	-12.4186	-0.0506	-0.4438
924	SLE RA 9	-0.77	-0.25	29.67	-12.4203	-0.0506	-0.4455
924	SLE RA 10	-0.8	-0.24	31.38	-13.1154	-0.0543	-0.4625
924	SLE RA 11	-0.81	-0.28	31.81	-13.2894	-0.0552	-0.4666
924	SLE RA 12	-0.81	-0.26	31.82	-13.2911	-0.0551	-0.4684
924	SLE RA 13	-0.81	-0.24	31.65	-13.2221	-0.0548	-0.4663
924	SLE RA 14	-0.81	-0.28	32.08	-13.3961	-0.0557	-0.4704
924	SLE RA 15	-0.82	-0.26	32.08	-13.3978	-0.0556	-0.4722
924	SLE RA 16	-0.81	-0.28	31.9	-13.326	-0.0553	-0.4672
924	SLE RA 17	-0.81	-0.26	31.91	-13.3277	-0.0553	-0.4689
924	SLE RA 18	-0.81	-0.29	32.34	-13.5015	-0.0563	-0.4697
924	SLE RA 19	-0.82	-0.26	32.34	-13.5032	-0.0563	-0.4714
924	SLE RA 20	-0.82	-0.29	32.6	-13.6082	-0.0568	-0.4735
924	SLE RA 21	-0.82	-0.26	32.6	-13.6099	-0.0568	-0.4752
924	SLE FR 1	-0.75	-0.28	29.14	-12.2051	-0.0496	-0.4362
924	SLE FR 2	-0.76	-0.27	29.14	-12.2057	-0.0496	-0.4368
924	SLE FR 3	-0.76	-0.28	29.25	-12.2478	-0.0498	-0.4377
924	SLE FR 4	-0.77	-0.27	30.1	-12.5946	-0.0516	-0.4468
924	SLE FR 5	-0.77	-0.28	30.2	-12.6367	-0.0518	-0.4478
924	SLE FR 6	-0.78	-0.28	30.74	-12.8533	-0.053	-0.4529
924	SLE QP 1	-0.75	-0.28	29.14	-12.2051	-0.0496	-0.4362
924	SLE QP 2	-0.77	-0.28	30.1	-12.594	-0.0516	-0.4462
924	SLD 1	2.69	0.2	32.51	-13.0631	-0.0455	1.5441
924	SLD 2	2.36	-0.13	32.95	-13.2642	-0.046	1.3526
924	SLD 3	2.62	-0.74	32.94	-13.2392	-0.0472	1.5014
924	SLD 4	2.28	-1.08	33.38	-13.4404	-0.0477	1.3099
924	SLD 5	0.44	1.36	30.09	-12.4316	-0.0471	0.25
924	SLD 6	0.22	1.14	30.38	-12.5641	-0.0475	0.1239
924	SLD 7	0.19	-1.79	31.53	-13.0186	-0.0528	0.1076



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
924	SLD 8	-0.03	-2.02	31.82	-13.1511	-0.0531	-0.0185
924	SLD 9	-1.51	1.45	28.38	-12.037	-0.0501	-0.874
924	SLD 10	-1.73	1.23	28.67	-12.1695	-0.0505	-1.0001
924	SLD 11	-1.77	-1.7	29.82	-12.624	-0.0558	-1.0164
924	SLD 12	-1.99	-1.92	30.11	-12.7565	-0.0561	-1.1425
924	SLD 13	-3.83	0.52	26.82	-11.7477	-0.0555	-2.2024
924	SLD 14	-4.16	0.18	27.26	-11.9489	-0.056	-2.3939
924	SLD 15	-3.9	-0.43	27.25	-11.9238	-0.0572	-2.2451
924	SLD 16	-4.24	-0.77	27.69	-12.125	-0.0577	-2.4366
924	SLV 1	7.33	0.82	35.75	-13.6982	-0.0374	4.2081
924	SLV 2	6.55	0.02	36.77	-14.1667	-0.0386	3.7622
924	SLV 3	7.16	-1.33	36.73	-14.0993	-0.0413	4.1108
924	SLV 4	6.38	-2.12	37.76	-14.5678	-0.0424	3.6648
924	SLV 5	2.05	3.44	30.13	-12.2356	-0.0414	1.1751
924	SLV 6	1.55	2.92	30.79	-12.5388	-0.0421	0.8866
924	SLV 7	1.48	-3.71	33.4	-13.5727	-0.0541	0.8505
924	SLV 8	0.98	-4.22	34.07	-13.8758	-0.0549	0.562
924	SLV 9	-2.52	3.66	26.13	-11.3123	-0.0484	-1.4545
924	SLV 10	-3.03	3.15	26.79	-11.6154	-0.0491	-1.743
924	SLV 11	-3.09	-3.48	29.41	-12.6493	-0.0611	-1.7791
924	SLV 12	-3.6	-4	30.07	-12.9525	-0.0619	-2.0676
924	SLV 13	-7.92	1.56	22.44	-10.6203	-0.0608	-4.5573
924	SLV 14	-8.7	0.77	23.46	-11.0888	-0.062	-5.0032
924	SLV 15	-8.09	-0.59	23.43	-11.0214	-0.0646	-4.6547
924	SLV 16	-8.87	-1.38	24.45	-11.4899	-0.0658	-5.1006
924	CRTFP Ux+	0	0	0	0	0	0
924	CRTFP Ux-	0	0	0	0	0	0
924	CRTFP Uy+	0	0	0	0	0	0
924	CRTFP Uy-	0	0	0	0	0	0
925	SLU 1	-0.74	-0.35	29.87	-13.3617	-0.0581	-0.4249
925	SLU 2	-0.74	-0.29	29.88	-13.3652	-0.0581	-0.4291
925	SLU 3	-0.75	-0.35	30.57	-13.6683	-0.0597	-0.4354
925	SLU 4	-0.76	-0.31	30.57	-13.6705	-0.0597	-0.4379
925	SLU 5	-0.75	-0.29	30.3	-13.5494	-0.059	-0.4348
925	SLU 6	-0.76	-0.35	30.99	-13.8525	-0.0606	-0.441
925	SLU 7	-0.77	-0.31	30.99	-13.8547	-0.0606	-0.4435
925	SLU 8	-0.76	-0.35	30.71	-13.7301	-0.0599	-0.4362
925	SLU 9	-0.76	-0.31	30.71	-13.7322	-0.0599	-0.4387
925	SLU 10	-0.8	-0.3	33.48	-14.9443	-0.0665	-0.4647
925	SLU 11	-0.82	-0.36	34.17	-15.2474	-0.0681	-0.4709
925	SLU 12	-0.82	-0.33	34.17	-15.2495	-0.0681	-0.4734
925	SLU 13	-0.81	-0.3	33.9	-15.1285	-0.0674	-0.4703
925	SLU 14	-0.83	-0.36	34.59	-15.4316	-0.069	-0.4766
925	SLU 15	-0.83	-0.33	34.59	-15.4337	-0.069	-0.4791
925	SLU 16	-0.82	-0.36	34.31	-15.3092	-0.0684	-0.4717
925	SLU 17	-0.82	-0.33	34.32	-15.3113	-0.0683	-0.4743
925	SLU 18	-0.82	-0.37	35.01	-15.6175	-0.0702	-0.4757
925	SLU 19	-0.83	-0.33	35.02	-15.6197	-0.0702	-0.4782
925	SLU 20	-0.83	-0.37	35.43	-15.8017	-0.0711	-0.4813
925	SLU 21	-0.84	-0.33	35.44	-15.8039	-0.071	-0.4839
925	SLU 22	-0.8	-0.34	33.49	-14.9447	-0.0665	-0.4635
925	SLU 23	-0.81	-0.28	33.5	-14.9482	-0.0665	-0.4677
925	SLU 24	-0.82	-0.34	34.19	-15.2513	-0.0681	-0.474
925	SLU 25	-0.83	-0.31	34.2	-15.2535	-0.0681	-0.4765
925	SLU 26	-0.82	-0.29	33.92	-15.1324	-0.0674	-0.4734
925	SLU 27	-0.83	-0.35	34.61	-15.4355	-0.069	-0.4796
925	SLU 28	-0.83	-0.31	34.62	-15.4377	-0.069	-0.4821
925	SLU 29	-0.82	-0.35	34.34	-15.3131	-0.0683	-0.4748
925	SLU 30	-0.83	-0.31	34.34	-15.3152	-0.0683	-0.4773
925	SLU 31	-0.87	-0.3	37.11	-16.5273	-0.0749	-0.5033
925	SLU 32	-0.88	-0.36	37.8	-16.8304	-0.0766	-0.5095
925	SLU 33	-0.89	-0.32	37.8	-16.8326	-0.0765	-0.5121
925	SLU 34	-0.88	-0.3	37.53	-16.7115	-0.0758	-0.5089
925	SLU 35	-0.89	-0.36	38.22	-17.0146	-0.0775	-0.5152
925	SLU 36	-0.9	-0.33	38.22	-17.0168	-0.0774	-0.5177
925	SLU 37	-0.88	-0.36	37.94	-16.8922	-0.0768	-0.5103
925	SLU 38	-0.89	-0.33	37.94	-16.8943	-0.0767	-0.5129
925	SLU 39	-0.89	-0.36	38.64	-17.2005	-0.0786	-0.5143
925	SLU 40	-0.9	-0.33	38.65	-17.2027	-0.0786	-0.5168
925	SLU 41	-0.9	-0.37	39.06	-17.3847	-0.0795	-0.5199
925	SLU 42	-0.9	-0.33	39.07	-17.3869	-0.0795	-0.5225
925	SLU 43	-0.93	-0.45	37.58	-16.8274	-0.0727	-0.5391
925	SLU 44	-0.94	-0.39	37.59	-16.831	-0.0726	-0.5433
925	SLU 45	-0.95	-0.45	38.28	-17.1341	-0.0742	-0.5496
925	SLU 46	-0.96	-0.42	38.29	-17.1362	-0.0742	-0.5521
925	SLU 47	-0.95	-0.39	38.01	-17.0152	-0.0735	-0.549
925	SLU 48	-0.96	-0.45	38.7	-17.3183	-0.0751	-0.5552
925	SLU 49	-0.97	-0.42	38.71	-17.3204	-0.0751	-0.5578
925	SLU 50	-0.95	-0.45	38.42	-17.1958	-0.0745	-0.5504
925	SLU 51	-0.96	-0.42	38.43	-17.198	-0.0744	-0.5529
925	SLU 52	-1	-0.41	41.19	-18.4101	-0.0811	-0.5789
925	SLU 53	-1.01	-0.47	41.88	-18.7132	-0.0827	-0.5851
925	SLU 54	-1.02	-0.43	41.89	-18.7153	-0.0827	-0.5877
925	SLU 55	-1.01	-0.41	41.61	-18.5943	-0.082	-0.5845
925	SLU 56	-1.02	-0.47	42.3	-18.8974	-0.0836	-0.5908
925	SLU 57	-1.03	-0.43	42.31	-18.8995	-0.0836	-0.5933
925	SLU 58	-1.01	-0.47	42.03	-18.7749	-0.0829	-0.586
925	SLU 59	-1.02	-0.43	42.03	-18.7771	-0.0829	-0.5885
925	SLU 60	-1.02	-0.47	42.73	-19.0833	-0.0847	-0.5899



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
925	SLU 61	-1.03	-0.44	42.73	-19.0854	-0.0847	-0.5925
925	SLU 62	-1.03	-0.47	43.15	-19.2675	-0.0856	-0.5956
925	SLU 63	-1.04	-0.44	43.15	-19.2696	-0.0856	-0.5981
925	SLU 64	-1	-0.45	41.21	-18.4104	-0.0811	-0.5777
925	SLU 65	-1.01	-0.39	41.22	-18.414	-0.081	-0.582
925	SLU 66	-1.02	-0.45	41.91	-18.7171	-0.0827	-0.5882
925	SLU 67	-1.02	-0.41	41.91	-18.7192	-0.0826	-0.5907
925	SLU 68	-1.02	-0.39	41.64	-18.5982	-0.0819	-0.5876
925	SLU 69	-1.03	-0.45	42.33	-18.9013	-0.0836	-0.5938
925	SLU 70	-1.03	-0.42	42.34	-18.9034	-0.0835	-0.5964
925	SLU 71	-1.02	-0.45	42.05	-18.7788	-0.0829	-0.589
925	SLU 72	-1.02	-0.42	42.06	-18.781	-0.0828	-0.5915
925	SLU 73	-1.07	-0.4	44.82	-19.9931	-0.0895	-0.6175
925	SLU 74	-1.08	-0.46	45.51	-20.2962	-0.0911	-0.6238
925	SLU 75	-1.08	-0.43	45.52	-20.2983	-0.0911	-0.6263
925	SLU 76	-1.08	-0.41	45.24	-20.1773	-0.0904	-0.6232
925	SLU 77	-1.09	-0.47	45.93	-20.4804	-0.092	-0.6294
925	SLU 78	-1.09	-0.43	45.94	-20.4825	-0.092	-0.6319
925	SLU 79	-1.08	-0.47	45.65	-20.3579	-0.0913	-0.6246
925	SLU 80	-1.09	-0.43	45.66	-20.3601	-0.0913	-0.6271
925	SLU 81	-1.09	-0.47	46.36	-20.6663	-0.0932	-0.6285
925	SLU 82	-1.09	-0.43	46.36	-20.6684	-0.0931	-0.6311
925	SLU 83	-1.1	-0.47	46.78	-20.8505	-0.0941	-0.6342
925	SLU 84	-1.1	-0.44	46.78	-20.8526	-0.094	-0.6367
925	SLE RA 1	-0.75	-0.34	30.9	-13.814	-0.0605	-0.4359
925	SLE RA 2	-0.76	-0.31	30.91	-13.8163	-0.0605	-0.4387
925	SLE RA 3	-0.77	-0.35	31.37	-14.0184	-0.0616	-0.4429
925	SLE RA 4	-0.77	-0.32	31.37	-14.0198	-0.0616	-0.4446
925	SLE RA 5	-0.77	-0.31	31.19	-13.9391	-0.0611	-0.4425
925	SLE RA 6	-0.77	-0.35	31.65	-14.1412	-0.0622	-0.4467
925	SLE RA 7	-0.78	-0.32	31.65	-14.1426	-0.0622	-0.4484
925	SLE RA 8	-0.77	-0.35	31.46	-14.0595	-0.0617	-0.4434
925	SLE RA 9	-0.77	-0.32	31.47	-14.061	-0.0617	-0.4451
925	SLE RA 10	-0.8	-0.32	33.31	-14.8691	-0.0661	-0.4624
925	SLE RA 11	-0.81	-0.36	33.77	-15.0711	-0.0672	-0.4666
925	SLE RA 12	-0.81	-0.33	33.77	-15.0725	-0.0672	-0.4683
925	SLE RA 13	-0.81	-0.32	33.59	-14.9919	-0.0667	-0.4662
925	SLE RA 14	-0.81	-0.36	34.05	-15.1939	-0.0678	-0.4704
925	SLE RA 15	-0.82	-0.33	34.05	-15.1953	-0.0678	-0.4721
925	SLE RA 16	-0.81	-0.36	33.87	-15.1123	-0.0674	-0.4672
925	SLE RA 17	-0.81	-0.33	33.87	-15.1137	-0.0673	-0.4688
925	SLE RA 18	-0.81	-0.36	34.33	-15.3179	-0.0686	-0.4698
925	SLE RA 19	-0.82	-0.34	34.34	-15.3193	-0.0686	-0.4715
925	SLE RA 20	-0.82	-0.36	34.61	-15.4407	-0.0692	-0.4736
925	SLE RA 21	-0.82	-0.34	34.62	-15.4421	-0.0691	-0.4752
925	SLE FR 1	-0.75	-0.34	30.9	-13.814	-0.0605	-0.4359
925	SLE FR 2	-0.76	-0.34	30.9	-13.8144	-0.0605	-0.4365
925	SLE FR 3	-0.76	-0.34	31.01	-13.8631	-0.0608	-0.4374
925	SLE FR 4	-0.77	-0.34	31.93	-14.2656	-0.0629	-0.4466
925	SLE FR 5	-0.78	-0.35	32.04	-14.3142	-0.0632	-0.4476
925	SLE FR 6	-0.78	-0.35	32.62	-14.5659	-0.0646	-0.4529
925	SLE QP 1	-0.75	-0.34	30.9	-13.814	-0.0605	-0.4359
925	SLE QP 2	-0.77	-0.35	31.93	-14.2651	-0.0629	-0.4461
925	SLD 1	2.69	0.09	34.24	-14.8029	-0.0623	1.5453
925	SLD 2	2.36	-0.23	34.69	-15.0227	-0.0627	1.3541
925	SLD 3	2.62	-0.83	34.72	-15.0252	-0.0647	1.503
925	SLD 4	2.29	-1.15	35.18	-15.245	-0.065	1.3118
925	SLD 5	0.44	1.25	31.8	-14.0499	-0.0591	0.2498
925	SLD 6	0.22	1.04	32.1	-14.1947	-0.0594	0.1239
925	SLD 7	0.19	-1.84	33.43	-14.7909	-0.0669	0.1087
925	SLD 8	-0.03	-2.05	33.73	-14.9356	-0.0672	-0.0172
925	SLD 9	-1.52	1.35	30.14	-13.5946	-0.0587	-0.875
925	SLD 10	-1.74	1.15	30.44	-13.7394	-0.059	-1.0009
925	SLD 11	-1.77	-1.73	31.76	-14.3356	-0.0665	-1.0161
925	SLD 12	-1.99	-1.94	32.06	-14.4803	-0.0668	-1.142
925	SLD 13	-3.83	0.45	28.69	-13.2853	-0.0608	-2.204
925	SLD 14	-4.17	0.14	29.14	-13.5051	-0.0612	-2.3952
925	SLD 15	-3.91	-0.47	29.17	-13.5075	-0.0632	-2.2463
925	SLD 16	-4.24	-0.79	29.63	-13.7273	-0.0636	-2.4375
925	SLV 1	7.33	0.64	37.35	-15.5327	-0.0616	4.2108
925	SLV 2	6.56	-0.09	38.4	-16.0446	-0.0625	3.7655
925	SLV 3	7.17	-1.46	38.45	-16.0373	-0.0669	4.1143
925	SLV 4	6.39	-2.19	39.51	-16.5492	-0.0678	3.669
925	SLV 5	2.05	3.26	31.69	-13.7913	-0.0543	1.1747
925	SLV 6	1.55	2.78	32.38	-14.1225	-0.0549	0.8865
925	SLV 7	1.49	-3.74	35.38	-15.4733	-0.072	0.8529
925	SLV 8	0.98	-4.21	36.07	-15.8045	-0.0726	0.5648
925	SLV 9	-2.53	3.52	27.8	-12.7258	-0.0533	-1.4569
925	SLV 10	-3.03	3.04	28.48	-13.057	-0.0539	-1.7451
925	SLV 11	-3.09	-3.48	31.49	-14.4077	-0.071	-1.7787
925	SLV 12	-3.6	-3.96	32.17	-14.739	-0.0716	-2.0668
925	SLV 13	-7.93	1.5	24.36	-11.981	-0.0581	-4.5612
925	SLV 14	-8.71	0.76	25.41	-12.4929	-0.059	-5.0065
925	SLV 15	-8.1	-0.6	25.46	-12.4856	-0.0634	-4.6577
925	SLV 16	-8.88	-1.34	26.52	-12.9975	-0.0643	-5.103
925	CRTFP Ux+	0	0	0	0	0	0
925	CRTFP Ux-	0	0	0	0	0	0
925	CRTFP Uy+	0	0	0	0	0	0
925	CRTFP Uy-	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
926	SLU 1	-0.74	-0.39	31.77	-15.1606	-0.0607	-0.424
926	SLU 2	-0.74	-0.34	31.78	-15.1633	-0.0606	-0.428
926	SLU 3	-0.75	-0.4	32.52	-15.5152	-0.0623	-0.4344
926	SLU 4	-0.76	-0.36	32.53	-15.5169	-0.0623	-0.4368
926	SLU 5	-0.75	-0.34	32.23	-15.3754	-0.0616	-0.4336
926	SLU 6	-0.76	-0.4	32.97	-15.7272	-0.0633	-0.44
926	SLU 7	-0.77	-0.37	32.98	-15.7289	-0.0632	-0.4424
926	SLU 8	-0.75	-0.4	32.67	-15.5846	-0.0625	-0.4351
926	SLU 9	-0.76	-0.37	32.67	-15.5863	-0.0625	-0.4376
926	SLU 10	-0.8	-0.36	35.66	-16.9945	-0.0694	-0.464
926	SLU 11	-0.82	-0.41	36.4	-17.3463	-0.0711	-0.4703
926	SLU 12	-0.82	-0.38	36.4	-17.348	-0.0711	-0.4728
926	SLU 13	-0.81	-0.36	36.11	-17.2065	-0.0704	-0.4696
926	SLU 14	-0.83	-0.42	36.85	-17.5584	-0.0721	-0.4759
926	SLU 15	-0.83	-0.38	36.85	-17.56	-0.072	-0.4784
926	SLU 16	-0.82	-0.42	36.55	-17.4158	-0.0713	-0.4711
926	SLU 17	-0.82	-0.38	36.55	-17.4174	-0.0713	-0.4735
926	SLU 18	-0.82	-0.42	37.31	-17.7765	-0.0733	-0.4753
926	SLU 19	-0.83	-0.38	37.32	-17.7781	-0.0732	-0.4778
926	SLU 20	-0.83	-0.42	37.76	-17.9885	-0.0742	-0.4809
926	SLU 21	-0.84	-0.39	37.77	-17.9902	-0.0742	-0.4834
926	SLU 22	-0.8	-0.39	35.67	-16.9959	-0.0695	-0.4629
926	SLU 23	-0.81	-0.34	35.68	-16.9987	-0.0694	-0.467
926	SLU 24	-0.82	-0.4	36.42	-17.3506	-0.0711	-0.4733
926	SLU 25	-0.83	-0.36	36.43	-17.3522	-0.0711	-0.4758
926	SLU 26	-0.82	-0.34	36.13	-17.2107	-0.0704	-0.4726
926	SLU 27	-0.83	-0.4	36.87	-17.5626	-0.0721	-0.4789
926	SLU 28	-0.83	-0.37	36.88	-17.5643	-0.072	-0.4814
926	SLU 29	-0.82	-0.4	36.57	-17.42	-0.0713	-0.4741
926	SLU 30	-0.83	-0.37	36.58	-17.4217	-0.0713	-0.4766
926	SLU 31	-0.87	-0.35	39.56	-18.8298	-0.0782	-0.503
926	SLU 32	-0.88	-0.41	40.3	-19.1817	-0.08	-0.5093
926	SLU 33	-0.89	-0.38	40.31	-19.1833	-0.0799	-0.5117
926	SLU 34	-0.88	-0.36	40.01	-19.0419	-0.0792	-0.5086
926	SLU 35	-0.89	-0.42	40.75	-19.3937	-0.0809	-0.5149
926	SLU 36	-0.9	-0.38	40.76	-19.3954	-0.0808	-0.5173
926	SLU 37	-0.88	-0.42	40.45	-19.2511	-0.0801	-0.5101
926	SLU 38	-0.89	-0.38	40.46	-19.2528	-0.0801	-0.5125
926	SLU 39	-0.89	-0.42	41.22	-19.6118	-0.0821	-0.5143
926	SLU 40	-0.9	-0.38	41.22	-19.6135	-0.082	-0.5167
926	SLU 41	-0.9	-0.42	41.66	-19.8239	-0.083	-0.5199
926	SLU 42	-0.91	-0.39	41.67	-19.8255	-0.083	-0.5223
926	SLU 43	-0.93	-0.51	39.96	-19.0795	-0.0759	-0.5378
926	SLU 44	-0.94	-0.46	39.97	-19.0823	-0.0758	-0.5419
926	SLU 45	-0.95	-0.52	40.71	-19.4341	-0.0775	-0.5482
926	SLU 46	-0.95	-0.48	40.72	-19.4358	-0.0775	-0.5507
926	SLU 47	-0.95	-0.46	40.42	-19.2943	-0.0768	-0.5475
926	SLU 48	-0.96	-0.52	41.16	-19.6461	-0.0785	-0.5538
926	SLU 49	-0.96	-0.49	41.17	-19.6478	-0.0784	-0.5562
926	SLU 50	-0.95	-0.52	40.86	-19.5035	-0.0777	-0.549
926	SLU 51	-0.96	-0.49	40.87	-19.5052	-0.0777	-0.5514
926	SLU 52	-1	-0.47	43.85	-20.9134	-0.0846	-0.5778
926	SLU 53	-1.01	-0.53	44.59	-21.2652	-0.0863	-0.5841
926	SLU 54	-1.02	-0.5	44.6	-21.2669	-0.0863	-0.5866
926	SLU 55	-1.01	-0.48	44.3	-21.1254	-0.0856	-0.5834
926	SLU 56	-1.02	-0.54	45.04	-21.4773	-0.0873	-0.5897
926	SLU 57	-1.03	-0.5	45.05	-21.4789	-0.0872	-0.5922
926	SLU 58	-1.01	-0.54	44.74	-21.3347	-0.0865	-0.5849
926	SLU 59	-1.02	-0.5	44.75	-21.3363	-0.0865	-0.5874
926	SLU 60	-1.02	-0.54	45.51	-21.6954	-0.0885	-0.5891
926	SLU 61	-1.03	-0.5	45.51	-21.697	-0.0884	-0.5916
926	SLU 62	-1.03	-0.54	45.95	-21.9074	-0.0894	-0.5947
926	SLU 63	-1.04	-0.51	45.96	-21.9091	-0.0894	-0.5972
926	SLU 64	-1	-0.51	43.87	-20.9148	-0.0847	-0.5768
926	SLU 65	-1.01	-0.46	43.87	-20.9176	-0.0846	-0.5808
926	SLU 66	-1.02	-0.52	44.62	-21.2695	-0.0863	-0.5872
926	SLU 67	-1.02	-0.48	44.62	-21.2711	-0.0863	-0.5896
926	SLU 68	-1.02	-0.46	44.32	-21.1296	-0.0856	-0.5864
926	SLU 69	-1.03	-0.52	45.07	-21.4815	-0.0873	-0.5928
926	SLU 70	-1.03	-0.49	45.07	-21.4832	-0.0872	-0.5952
926	SLU 71	-1.02	-0.52	44.77	-21.3389	-0.0865	-0.5879
926	SLU 72	-1.02	-0.49	44.77	-21.3406	-0.0865	-0.5904
926	SLU 73	-1.07	-0.47	47.75	-22.7487	-0.0934	-0.6168
926	SLU 74	-1.08	-0.53	48.5	-23.1006	-0.0951	-0.6231
926	SLU 75	-1.08	-0.5	48.5	-23.1023	-0.0951	-0.6256
926	SLU 76	-1.08	-0.48	48.2	-22.9608	-0.0944	-0.6224
926	SLU 77	-1.09	-0.54	48.95	-23.3126	-0.0961	-0.6287
926	SLU 78	-1.09	-0.5	48.95	-23.3143	-0.096	-0.6312
926	SLU 79	-1.08	-0.54	48.65	-23.17	-0.0953	-0.6239
926	SLU 80	-1.09	-0.5	48.65	-23.1717	-0.0953	-0.6263
926	SLU 81	-1.09	-0.54	49.41	-23.5307	-0.0973	-0.6281
926	SLU 82	-1.09	-0.5	49.41	-23.5324	-0.0972	-0.6306
926	SLU 83	-1.1	-0.54	49.86	-23.7428	-0.0982	-0.6337
926	SLU 84	-1.1	-0.51	49.86	-23.7444	-0.0982	-0.6362
926	SLE RA 1	-0.75	-0.39	32.89	-15.685	-0.0632	-0.4351
926	SLE RA 2	-0.76	-0.36	32.89	-15.6868	-0.0632	-0.4378
926	SLE RA 3	-0.77	-0.4	33.39	-15.9214	-0.0643	-0.442
926	SLE RA 4	-0.77	-0.37	33.39	-15.9225	-0.0643	-0.4437
926	SLE RA 5	-0.77	-0.36	33.19	-15.8282	-0.0638	-0.4415



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
926	SLE RA 6	-0.77	-0.4	33.69	-16.0627	-0.0649	-0.4458
926	SLE RA 7	-0.78	-0.38	33.69	-16.0638	-0.0649	-0.4474
926	SLE RA 8	-0.77	-0.4	33.49	-15.9677	-0.0644	-0.4426
926	SLE RA 9	-0.77	-0.38	33.49	-15.9688	-0.0644	-0.4442
926	SLE RA 10	-0.8	-0.37	35.48	-16.9076	-0.069	-0.4618
926	SLE RA 11	-0.81	-0.41	35.97	-17.1421	-0.0702	-0.466
926	SLE RA 12	-0.81	-0.39	35.98	-17.1432	-0.0702	-0.4676
926	SLE RA 13	-0.81	-0.37	35.78	-17.0489	-0.0697	-0.4655
926	SLE RA 14	-0.81	-0.41	36.27	-17.2835	-0.0708	-0.4697
926	SLE RA 15	-0.82	-0.39	36.27	-17.2846	-0.0708	-0.4714
926	SLE RA 16	-0.81	-0.41	36.07	-17.1884	-0.0703	-0.4665
926	SLE RA 17	-0.81	-0.39	36.07	-17.1895	-0.0703	-0.4682
926	SLE RA 18	-0.81	-0.41	36.58	-17.4289	-0.0716	-0.4693
926	SLE RA 19	-0.82	-0.39	36.58	-17.43	-0.0716	-0.471
926	SLE RA 20	-0.82	-0.41	36.88	-17.5702	-0.0722	-0.4731
926	SLE RA 21	-0.82	-0.39	36.88	-17.5714	-0.0722	-0.4747
926	SLE FR 1	-0.75	-0.39	32.89	-15.685	-0.0632	-0.4351
926	SLE FR 2	-0.76	-0.39	32.89	-15.6853	-0.0632	-0.4356
926	SLE FR 3	-0.76	-0.39	33.01	-15.7415	-0.0635	-0.4366
926	SLE FR 4	-0.77	-0.39	34	-16.2085	-0.0657	-0.4459
926	SLE FR 5	-0.77	-0.4	34.11	-16.2647	-0.066	-0.4469
926	SLE FR 6	-0.78	-0.4	34.73	-16.5569	-0.0674	-0.4522
926	SLE QP 1	-0.75	-0.39	32.89	-15.685	-0.0632	-0.4351
926	SLE QP 2	-0.77	-0.4	33.99	-16.2081	-0.0657	-0.4454
926	SLD 1	2.7	-0.03	36.36	-16.9226	-0.0701	1.5468
926	SLD 2	2.36	-0.32	36.82	-17.1591	-0.0701	1.356
926	SLD 3	2.62	-0.94	36.92	-17.2048	-0.0729	1.505
926	SLD 4	2.29	-1.24	37.38	-17.4413	-0.073	1.3142
926	SLD 5	0.44	1.16	33.77	-15.952	-0.0627	0.2499
926	SLD 6	0.22	0.96	34.08	-16.1077	-0.0627	0.1243
926	SLD 7	0.2	-1.9	35.64	-16.8928	-0.0722	0.1105
926	SLD 8	-0.02	-2.09	35.94	-17.0486	-0.0722	-0.0152
926	SLD 9	-1.52	1.3	32.05	-15.3677	-0.0592	-0.8756
926	SLD 10	-1.74	1.1	32.35	-15.5234	-0.0593	-1.0012
926	SLD 11	-1.76	-1.76	33.91	-16.3085	-0.0687	-1.015
926	SLD 12	-1.98	-1.95	34.22	-16.4643	-0.0688	-1.1407
926	SLD 13	-3.84	0.44	30.61	-14.9749	-0.0585	-2.2049
926	SLD 14	-4.17	0.14	31.07	-15.2114	-0.0586	-2.3957
926	SLD 15	-3.91	-0.48	31.17	-15.2572	-0.0614	-2.2467
926	SLD 16	-4.24	-0.77	31.63	-15.4937	-0.0614	-2.4375
926	SLV 1	7.34	0.44	39.55	-17.8924	-0.076	4.2134
926	SLV 2	6.57	-0.25	40.63	-18.4431	-0.0761	3.7691
926	SLV 3	7.17	-1.64	40.82	-18.5319	-0.0824	4.118
926	SLV 4	6.4	-2.32	41.9	-19.0826	-0.0826	3.6736
926	SLV 5	2.05	3.12	33.55	-15.648	-0.059	1.1741
926	SLV 6	1.55	2.68	34.24	-16.0043	-0.0591	0.8866
926	SLV 7	1.49	-3.8	37.78	-17.7796	-0.0805	0.856
926	SLV 8	0.99	-4.25	38.48	-18.1359	-0.0806	0.5685
926	SLV 9	-2.54	3.45	29.51	-14.2803	-0.0509	-1.4593
926	SLV 10	-3.04	3.01	30.21	-14.6367	-0.051	-1.7467
926	SLV 11	-3.09	-3.48	33.75	-16.412	-0.0724	-1.7773
926	SLV 12	-3.59	-3.92	34.44	-16.7683	-0.0725	-2.0648
926	SLV 13	-7.94	1.53	26.09	-13.3337	-0.0489	-4.5644
926	SLV 14	-8.72	0.84	27.16	-13.8844	-0.049	-5.0087
926	SLV 15	-8.11	-0.55	27.36	-13.9731	-0.0554	-4.6598
926	SLV 16	-8.89	-1.24	28.44	-14.5239	-0.0555	-5.1041
926	CRTFP Ux+	0	0	0	0	0	0
926	CRTFP Ux-	0	0	0	0	0	0
926	CRTFP Uy+	0	0	0	0	0	0
926	CRTFP Uy-	0	0	0	0	0	0
927	SLU 1	-0.5	-0.29	22.57	-11.3761	1.3834	-0.2677
927	SLU 2	-0.5	-0.25	22.58	-11.3775	1.3836	-0.2727
927	SLU 3	-0.51	-0.29	23.11	-11.6458	1.4162	-0.2745
927	SLU 4	-0.51	-0.27	23.11	-11.6466	1.4163	-0.2775
927	SLU 5	-0.51	-0.25	22.9	-11.5382	1.4032	-0.2762
927	SLU 6	-0.51	-0.29	23.43	-11.8065	1.4358	-0.278
927	SLU 7	-0.52	-0.27	23.43	-11.8073	1.4359	-0.281
927	SLU 8	-0.51	-0.29	23.22	-11.6974	1.4226	-0.2748
927	SLU 9	-0.51	-0.27	23.22	-11.6983	1.4227	-0.2778
927	SLU 10	-0.54	-0.26	25.36	-12.7727	1.5536	-0.2965
927	SLU 11	-0.55	-0.3	25.89	-13.0409	1.5862	-0.2984
927	SLU 12	-0.55	-0.28	25.89	-13.0418	1.5863	-0.3013
927	SLU 13	-0.55	-0.27	25.68	-12.9333	1.5732	-0.3001
927	SLU 14	-0.56	-0.31	26.21	-13.2016	1.6058	-0.3019
927	SLU 15	-0.56	-0.28	26.21	-13.2025	1.6059	-0.3049
927	SLU 16	-0.55	-0.3	26	-13.0926	1.5926	-0.2987
927	SLU 17	-0.55	-0.28	26	-13.0934	1.5927	-0.3016
927	SLU 18	-0.56	-0.3	26.55	-13.3692	1.6262	-0.3018
927	SLU 19	-0.56	-0.28	26.55	-13.37	1.6263	-0.3048
927	SLU 20	-0.56	-0.31	26.87	-13.5299	1.6458	-0.3053
927	SLU 21	-0.57	-0.28	26.87	-13.5307	1.646	-0.3083
927	SLU 22	-0.54	-0.29	25.37	-12.7742	1.5544	-0.2943
927	SLU 23	-0.55	-0.25	25.38	-12.7756	1.5546	-0.2993
927	SLU 24	-0.55	-0.29	25.91	-13.0439	1.5872	-0.3011
927	SLU 25	-0.56	-0.27	25.91	-13.0448	1.5874	-0.3041
927	SLU 26	-0.55	-0.25	25.7	-12.9363	1.5742	-0.3028
927	SLU 27	-0.56	-0.29	26.23	-13.2046	1.6068	-0.3047
927	SLU 28	-0.56	-0.27	26.23	-13.2054	1.607	-0.3076
927	SLU 29	-0.56	-0.29	26.01	-13.0956	1.5936	-0.3014



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
927	SLU 30	-0.56	-0.27	26.01	-13.0964	1.5938	-0.3044
927	SLU 31	-0.59	-0.26	28.16	-14.1708	1.7246	-0.3231
927	SLU 32	-0.6	-0.3	28.69	-14.4391	1.7572	-0.325
927	SLU 33	-0.6	-0.28	28.69	-14.4399	1.7574	-0.328
927	SLU 34	-0.6	-0.26	28.48	-14.3315	1.7442	-0.3267
927	SLU 35	-0.6	-0.3	29.01	-14.5998	1.7768	-0.3285
927	SLU 36	-0.61	-0.28	29.01	-14.6006	1.777	-0.3315
927	SLU 37	-0.6	-0.3	28.79	-14.4908	1.7636	-0.3253
927	SLU 38	-0.6	-0.28	28.8	-14.4916	1.7638	-0.3283
927	SLU 39	-0.6	-0.3	29.34	-14.7673	1.7973	-0.3284
927	SLU 40	-0.61	-0.28	29.35	-14.7682	1.7974	-0.3314
927	SLU 41	-0.61	-0.31	29.66	-14.928	1.8169	-0.332
927	SLU 42	-0.61	-0.28	29.67	-14.9288	1.817	-0.3349
927	SLU 43	-0.63	-0.37	28.39	-14.3095	1.7397	-0.3389
927	SLU 44	-0.63	-0.34	28.39	-14.311	1.74	-0.3438
927	SLU 45	-0.64	-0.38	28.92	-14.5792	1.7725	-0.3457
927	SLU 46	-0.64	-0.36	28.93	-14.5801	1.7727	-0.3487
927	SLU 47	-0.64	-0.34	28.71	-14.4716	1.7596	-0.3474
927	SLU 48	-0.65	-0.38	29.24	-14.7399	1.7922	-0.3492
927	SLU 49	-0.65	-0.36	29.25	-14.7408	1.7923	-0.3522
927	SLU 50	-0.64	-0.38	29.03	-14.6309	1.7789	-0.346
927	SLU 51	-0.64	-0.36	29.03	-14.6317	1.7791	-0.349
927	SLU 52	-0.68	-0.35	31.17	-15.7061	1.9099	-0.3677
927	SLU 53	-0.68	-0.39	31.7	-15.9744	1.9425	-0.3695
927	SLU 54	-0.69	-0.37	31.71	-15.9752	1.9427	-0.3725
927	SLU 55	-0.68	-0.35	31.49	-15.8668	1.9296	-0.3713
927	SLU 56	-0.69	-0.39	32.03	-16.1351	1.9622	-0.3731
927	SLU 57	-0.69	-0.37	32.03	-16.1359	1.9623	-0.3761
927	SLU 58	-0.68	-0.39	31.81	-16.0261	1.9489	-0.3698
927	SLU 59	-0.69	-0.37	31.81	-16.0269	1.9491	-0.3728
927	SLU 60	-0.69	-0.39	32.36	-16.3026	1.9826	-0.373
927	SLU 61	-0.69	-0.37	32.36	-16.3035	1.9827	-0.376
927	SLU 62	-0.7	-0.39	32.68	-16.4633	2.0022	-0.3765
927	SLU 63	-0.7	-0.37	32.68	-16.4642	2.0023	-0.3795
927	SLU 64	-0.68	-0.37	31.19	-15.7077	1.9108	-0.3655
927	SLU 65	-0.68	-0.34	31.19	-15.7091	1.911	-0.3705
927	SLU 66	-0.69	-0.38	31.72	-15.9774	1.9436	-0.3723
927	SLU 67	-0.69	-0.35	31.72	-15.9782	1.9437	-0.3753
927	SLU 68	-0.69	-0.34	31.51	-15.8698	1.9306	-0.374
927	SLU 69	-0.69	-0.38	32.04	-16.1381	1.9632	-0.3759
927	SLU 70	-0.7	-0.36	32.04	-16.1389	1.9633	-0.3788
927	SLU 71	-0.69	-0.38	31.83	-16.0291	1.95	-0.3726
927	SLU 72	-0.69	-0.36	31.83	-16.0299	1.9501	-0.3756
927	SLU 73	-0.72	-0.35	33.97	-17.1043	2.081	-0.3943
927	SLU 74	-0.73	-0.39	34.5	-17.3725	2.1136	-0.3962
927	SLU 75	-0.73	-0.37	34.5	-17.3734	2.1137	-0.3991
927	SLU 76	-0.73	-0.35	34.29	-17.2649	2.1006	-0.3979
927	SLU 77	-0.74	-0.39	34.82	-17.5332	2.1332	-0.3997
927	SLU 78	-0.74	-0.37	34.82	-17.5341	2.1333	-0.4027
927	SLU 79	-0.73	-0.39	34.61	-17.4242	2.12	-0.3965
927	SLU 80	-0.73	-0.37	34.61	-17.4251	2.1201	-0.3994
927	SLU 81	-0.74	-0.39	35.16	-17.7008	2.1536	-0.3996
927	SLU 82	-0.74	-0.37	35.16	-17.7016	2.1538	-0.4026
927	SLU 83	-0.74	-0.39	35.48	-17.8615	2.1732	-0.4031
927	SLU 84	-0.75	-0.37	35.48	-17.8623	2.1734	-0.4061
927	SLE RA 1	-0.51	-0.29	23.37	-11.7756	1.4322	-0.2753
927	SLE RA 2	-0.51	-0.26	23.38	-11.7765	1.4324	-0.2786
927	SLE RA 3	-0.52	-0.29	23.73	-11.9554	1.4541	-0.2798
927	SLE RA 4	-0.52	-0.28	23.73	-11.9559	1.4542	-0.2818
927	SLE RA 5	-0.52	-0.27	23.59	-11.8836	1.4455	-0.281
927	SLE RA 6	-0.52	-0.29	23.95	-12.0625	1.4672	-0.2822
927	SLE RA 7	-0.52	-0.28	23.95	-12.063	1.4673	-0.2842
927	SLE RA 8	-0.52	-0.29	23.8	-11.9898	1.4584	-0.28
927	SLE RA 9	-0.52	-0.28	23.8	-11.9904	1.4585	-0.282
927	SLE RA 10	-0.54	-0.27	25.23	-12.7066	1.5457	-0.2945
927	SLE RA 11	-0.55	-0.3	25.59	-12.8855	1.5674	-0.2958
927	SLE RA 12	-0.55	-0.28	25.59	-12.886	1.5675	-0.2977
927	SLE RA 13	-0.55	-0.27	25.44	-12.8137	1.5588	-0.2969
927	SLE RA 14	-0.55	-0.3	25.8	-12.9926	1.5805	-0.2981
927	SLE RA 15	-0.55	-0.28	25.8	-12.9931	1.5806	-0.3001
927	SLE RA 16	-0.55	-0.3	25.65	-12.9199	1.5717	-0.2959
927	SLE RA 17	-0.55	-0.28	25.66	-12.9205	1.5718	-0.2979
927	SLE RA 18	-0.55	-0.3	26.02	-13.1043	1.5941	-0.298
927	SLE RA 19	-0.55	-0.28	26.02	-13.1048	1.5942	-0.3
927	SLE RA 20	-0.55	-0.3	26.24	-13.2114	1.6072	-0.3004
927	SLE RA 21	-0.56	-0.29	26.24	-13.212	1.6073	-0.3024
927	SLE FR 1	-0.51	-0.29	23.37	-11.7756	1.4322	-0.2753
927	SLE FR 2	-0.51	-0.28	23.37	-11.7757	1.4323	-0.276
927	SLE FR 3	-0.51	-0.29	23.46	-11.8184	1.4375	-0.2763
927	SLE FR 4	-0.52	-0.29	24.17	-12.1744	1.4808	-0.2828
927	SLE FR 5	-0.52	-0.29	24.25	-12.217	1.486	-0.2831
927	SLE FR 6	-0.53	-0.29	24.7	-12.4399	1.5132	-0.2867
927	SLE QP 1	-0.51	-0.29	23.37	-11.7756	1.4322	-0.2753
927	SLE QP 2	-0.52	-0.29	24.17	-12.1742	1.4808	-0.2821
927	SLD 1	1.83	-0.09	25.89	-12.8003	1.5847	1.047
927	SLD 2	1.6	-0.27	26.2	-12.9692	1.604	0.9293
927	SLD 3	1.78	-0.71	26.32	-13.0305	1.6104	1.0742
927	SLD 4	1.56	-0.89	26.62	-13.1994	1.6297	0.9565
927	SLD 5	0.3	0.74	23.98	-11.9827	1.4696	0.0964



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
927	SLD 6	0.15	0.62	24.18	-12.0939	1.4823	0.0189
927	SLD 7	0.14	-1.32	25.41	-12.7499	1.5552	0.1871
927	SLD 8	-0.01	-1.44	25.61	-12.8611	1.5679	0.1097
927	SLD 9	-1.03	0.86	22.73	-11.4873	1.3937	-0.6739
927	SLD 10	-1.18	0.74	22.93	-11.5985	1.4064	-0.7514
927	SLD 11	-1.19	-1.2	24.15	-12.2544	1.4793	-0.5832
927	SLD 12	-1.34	-1.32	24.36	-12.3657	1.492	-0.6607
927	SLD 13	-2.6	0.31	21.71	-11.149	1.3319	-1.5208
927	SLD 14	-2.82	0.13	22.02	-11.3179	1.3512	-1.6385
927	SLD 15	-2.65	-0.31	22.14	-11.3791	1.3576	-1.4936
927	SLD 16	-2.87	-0.49	22.45	-11.548	1.3769	-1.6112
927	SLV 1	4.98	0.16	28.21	-13.6499	1.7251	2.8273
927	SLV 2	4.45	-0.28	28.93	-14.0431	1.7701	2.5532
927	SLV 3	4.87	-1.25	29.18	-14.1708	1.7833	2.8902
927	SLV 4	4.34	-1.68	29.9	-14.5641	1.8282	2.6161
927	SLV 5	1.39	2.05	23.79	-11.7585	1.458	0.6028
927	SLV 6	1.05	1.77	24.25	-12.0129	1.4871	0.4255
927	SLV 7	1.02	-2.63	27.02	-13.4951	1.652	0.8125
927	SLV 8	0.68	-2.91	27.48	-13.7496	1.6811	0.6352
927	SLV 9	-1.72	2.33	20.85	-10.5988	1.2805	-1.1995
927	SLV 10	-2.06	2.05	21.32	-10.8533	1.3096	-1.3768
927	SLV 11	-2.09	-2.35	24.09	-12.3354	1.4745	-0.9898
927	SLV 12	-2.43	-2.63	24.55	-12.5899	1.5036	-1.1671
927	SLV 13	-5.38	1.1	18.44	-9.7842	1.1334	-3.1804
927	SLV 14	-5.91	0.67	19.16	-10.1775	1.1783	-3.4544
927	SLV 15	-5.5	-0.31	19.41	-10.3052	1.1915	-3.1175
927	SLV 16	-6.02	-0.74	20.13	-10.6985	1.2365	-3.3915
927	CRTFP Ux+	0	0	0	0	0	0
927	CRTFP Ux-	0	0	0	0	0	0
927	CRTFP Uy+	0	0	0	0	0	0
927	CRTFP Uy-	0	0	0	0	0	0
930	SLU 1	-2	-1.38	108.55	-28.4177	-2.0744	-0.5743
930	SLU 2	-2.01	-1.23	108.54	-28.4177	-2.0703	-0.5788
930	SLU 3	-2.04	-1.4	111.12	-29.0945	-2.1272	-0.5883
930	SLU 4	-2.05	-1.31	111.12	-29.0945	-2.1247	-0.591
930	SLU 5	-2.04	-1.25	110.06	-28.818	-2.0985	-0.5863
930	SLU 6	-2.07	-1.42	112.64	-29.4948	-2.1555	-0.5958
930	SLU 7	-2.08	-1.33	112.64	-29.4948	-2.153	-0.5985
930	SLU 8	-2.04	-1.42	111.59	-29.2184	-2.1309	-0.5893
930	SLU 9	-2.05	-1.33	111.59	-29.2184	-2.1285	-0.592
930	SLU 10	-2.2	-1.27	122.03	-31.9497	-2.3677	-0.6276
930	SLU 11	-2.23	-1.44	124.61	-32.6265	-2.4247	-0.6371
930	SLU 12	-2.24	-1.35	124.61	-32.6265	-2.4222	-0.6398
930	SLU 13	-2.22	-1.29	123.55	-32.35	-2.396	-0.6351
930	SLU 14	-2.25	-1.46	126.13	-33.0269	-2.4529	-0.6446
930	SLU 15	-2.26	-1.37	126.13	-33.0269	-2.4505	-0.6473
930	SLU 16	-2.23	-1.46	125.08	-32.7504	-2.4284	-0.6381
930	SLU 17	-2.24	-1.37	125.07	-32.7504	-2.4259	-0.6408
930	SLU 18	-2.26	-1.44	127.82	-33.4634	-2.4993	-0.644
930	SLU 19	-2.27	-1.35	127.81	-33.4634	-2.4969	-0.6468
930	SLU 20	-2.29	-1.46	129.34	-33.8638	-2.5276	-0.6515
930	SLU 21	-2.3	-1.37	129.33	-33.8638	-2.5251	-0.6543
930	SLU 22	-2.19	-1.38	122.19	-31.9797	-2.3744	-0.6274
930	SLU 23	-2.21	-1.23	122.18	-31.9796	-2.3703	-0.6319
930	SLU 24	-2.24	-1.4	124.76	-32.6565	-2.4273	-0.6414
930	SLU 25	-2.25	-1.31	124.76	-32.6565	-2.4248	-0.6441
930	SLU 26	-2.23	-1.24	123.7	-32.38	-2.3986	-0.6394
930	SLU 27	-2.27	-1.42	126.28	-33.0568	-2.4555	-0.6489
930	SLU 28	-2.27	-1.32	126.28	-33.0568	-2.4531	-0.6516
930	SLU 29	-2.24	-1.42	125.23	-32.7803	-2.431	-0.6424
930	SLU 30	-2.25	-1.32	125.22	-32.7803	-2.4285	-0.6451
930	SLU 31	-2.4	-1.27	135.67	-35.5117	-2.6678	-0.6808
930	SLU 32	-2.43	-1.44	138.25	-36.1885	-2.7247	-0.6902
930	SLU 33	-2.44	-1.35	138.25	-36.1885	-2.7223	-0.693
930	SLU 34	-2.42	-1.28	137.19	-35.912	-2.6961	-0.6883
930	SLU 35	-2.45	-1.46	139.77	-36.5888	-2.753	-0.6977
930	SLU 36	-2.46	-1.36	139.77	-36.5888	-2.7505	-0.7005
930	SLU 37	-2.43	-1.46	138.71	-36.3124	-2.7284	-0.6912
930	SLU 38	-2.44	-1.36	138.71	-36.3124	-2.726	-0.6939
930	SLU 39	-2.46	-1.44	141.45	-37.0254	-2.7994	-0.6972
930	SLU 40	-2.47	-1.34	141.45	-37.0254	-2.7969	-0.6999
930	SLU 41	-2.48	-1.45	142.97	-37.4258	-2.8276	-0.7047
930	SLU 42	-2.49	-1.36	142.97	-37.4258	-2.8252	-0.7074
930	SLU 43	-2.53	-1.8	136.44	-35.7217	-2.5938	-0.7283
930	SLU 44	-2.54	-1.65	136.43	-35.7217	-2.5897	-0.7329
930	SLU 45	-2.58	-1.82	139.01	-36.3985	-2.6466	-0.7423
930	SLU 46	-2.59	-1.73	139.01	-36.3985	-2.6442	-0.7451
930	SLU 47	-2.57	-1.67	137.95	-36.1221	-2.618	-0.7404
930	SLU 48	-2.6	-1.84	140.53	-36.7989	-2.6749	-0.7498
930	SLU 49	-2.61	-1.75	140.53	-36.7989	-2.6724	-0.7525
930	SLU 50	-2.57	-1.84	139.48	-36.5224	-2.6503	-0.7433
930	SLU 51	-2.58	-1.75	139.47	-36.5224	-2.6479	-0.746
930	SLU 52	-2.73	-1.69	149.92	-39.2538	-2.8872	-0.7817
930	SLU 53	-2.76	-1.86	152.5	-39.9306	-2.9441	-0.7912
930	SLU 54	-2.77	-1.77	152.5	-39.9306	-2.9416	-0.7939
930	SLU 55	-2.75	-1.71	151.44	-39.6541	-2.9154	-0.7892
930	SLU 56	-2.79	-1.88	154.02	-40.3309	-2.9724	-0.7987
930	SLU 57	-2.8	-1.79	154.02	-40.3309	-2.9699	-0.8014
930	SLU 58	-2.76	-1.88	152.96	-40.0545	-2.9478	-0.7922



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
930	SLU 59	-2.77	-1.79	152.96	-40.0544	-2.9453	-0.7949
930	SLU 60	-2.79	-1.86	155.71	-40.7675	-3.0187	-0.7981
930	SLU 61	-2.8	-1.77	155.7	-40.7675	-3.0163	-0.8008
930	SLU 62	-2.82	-1.88	157.23	-41.1678	-3.047	-0.8056
930	SLU 63	-2.83	-1.78	157.22	-41.1678	-3.0446	-0.8083
930	SLU 64	-2.73	-1.8	150.07	-39.2837	-2.8939	-0.7815
930	SLU 65	-2.74	-1.64	150.07	-39.2837	-2.8898	-0.786
930	SLU 66	-2.77	-1.81	152.65	-39.9605	-2.9467	-0.7955
930	SLU 67	-2.78	-1.72	152.65	-39.9605	-2.9442	-0.7982
930	SLU 68	-2.77	-1.66	151.59	-39.684	-2.918	-0.7935
930	SLU 69	-2.8	-1.83	154.17	-40.3609	-2.975	-0.803
930	SLU 70	-2.81	-1.74	154.17	-40.3609	-2.9725	-0.8057
930	SLU 71	-2.77	-1.83	153.11	-40.0844	-2.9504	-0.7965
930	SLU 72	-2.78	-1.74	153.11	-40.0844	-2.9479	-0.7992
930	SLU 73	-2.93	-1.68	163.56	-42.8157	-3.1872	-0.8348
930	SLU 74	-2.96	-1.85	166.14	-43.4926	-3.2441	-0.8443
930	SLU 75	-2.97	-1.76	166.14	-43.4925	-3.2417	-0.847
930	SLU 76	-2.95	-1.7	165.08	-43.2161	-3.2155	-0.8423
930	SLU 77	-2.98	-1.87	167.66	-43.8929	-3.2724	-0.8518
930	SLU 78	-2.99	-1.78	167.66	-43.8929	-3.27	-0.8545
930	SLU 79	-2.96	-1.87	166.6	-43.6164	-3.2479	-0.8453
930	SLU 80	-2.97	-1.78	166.6	-43.6164	-3.2454	-0.848
930	SLU 81	-2.99	-1.85	169.34	-44.3295	-3.3188	-0.8512
930	SLU 82	-3	-1.76	169.34	-44.3295	-3.3164	-0.854
930	SLU 83	-3.02	-1.87	170.86	-44.7298	-3.3471	-0.8587
930	SLU 84	-3.02	-1.78	170.86	-44.7298	-3.3446	-0.8615
930	SLE RA 1	-2.05	-1.38	112.44	-29.4354	-2.1601	-0.5894
930	SLE RA 2	-2.06	-1.28	112.44	-29.4354	-2.1574	-0.5925
930	SLE RA 3	-2.08	-1.4	114.16	-29.8866	-2.1953	-0.5988
930	SLE RA 4	-2.09	-1.33	114.16	-29.8866	-2.1937	-0.6006
930	SLE RA 5	-2.08	-1.29	113.45	-29.7023	-2.1762	-0.5975
930	SLE RA 6	-2.1	-1.41	115.18	-30.1535	-2.2142	-0.6038
930	SLE RA 7	-2.11	-1.35	115.17	-30.1535	-2.2125	-0.6056
930	SLE RA 8	-2.08	-1.41	114.47	-29.9692	-2.1978	-0.5994
930	SLE RA 9	-2.09	-1.35	114.47	-29.9692	-2.1962	-0.6013
930	SLE RA 10	-2.19	-1.31	121.43	-31.7901	-2.3557	-0.625
930	SLE RA 11	-2.21	-1.42	123.15	-32.2413	-2.3936	-0.6313
930	SLE RA 12	-2.22	-1.36	123.15	-32.2413	-2.392	-0.6332
930	SLE RA 13	-2.2	-1.32	122.45	-32.057	-2.3745	-0.63
930	SLE RA 14	-2.22	-1.43	124.17	-32.5082	-2.4125	-0.6363
930	SLE RA 15	-2.23	-1.37	124.17	-32.5082	-2.4108	-0.6382
930	SLE RA 16	-2.21	-1.43	123.46	-32.3239	-2.3961	-0.632
930	SLE RA 17	-2.22	-1.37	123.46	-32.3239	-2.3945	-0.6338
930	SLE RA 18	-2.23	-1.42	125.29	-32.7992	-2.4434	-0.636
930	SLE RA 19	-2.24	-1.36	125.29	-32.7992	-2.4418	-0.6378
930	SLE RA 20	-2.25	-1.43	126.3	-33.0661	-2.4622	-0.641
930	SLE RA 21	-2.25	-1.37	126.3	-33.0661	-2.4606	-0.6428
930	SLE FR 1	-2.05	-1.38	112.44	-29.4354	-2.1601	-0.5894
930	SLE FR 2	-2.06	-1.36	112.44	-29.4354	-2.1595	-0.5901
930	SLE FR 3	-2.06	-1.39	112.85	-29.5421	-2.1676	-0.5914
930	SLE FR 4	-2.11	-1.37	116.3	-30.4445	-2.2445	-0.604
930	SLE FR 5	-2.11	-1.4	116.7	-30.5513	-2.2526	-0.6054
930	SLE FR 6	-2.14	-1.4	118.87	-31.1173	-2.3017	-0.6127
930	SLE QP 1	-2.05	-1.38	112.44	-29.4354	-2.1601	-0.5894
930	SLE QP 2	-2.11	-1.39	116.3	-30.4445	-2.2451	-0.6034
930	SLD 1	8.29	-0.92	128.78	-33.2721	-2.7852	2.1178
930	SLD 2	7.27	-1.64	129.76	-33.5733	-2.7516	1.8584
930	SLD 3	8.09	-3.6	131.01	-33.8576	-2.9063	2.0535
930	SLD 4	7.07	-4.32	131.99	-34.1588	-2.8727	1.794
930	SLD 5	1.51	2.94	116.49	-30.3508	-2.2294	0.3571
930	SLD 6	0.83	2.47	117.13	-30.5491	-2.2073	0.1863
930	SLD 7	0.83	-6	123.92	-32.3025	-2.6332	0.1425
930	SLD 8	0.15	-6.46	124.56	-32.5008	-2.6111	-0.0283
930	SLD 9	-4.37	3.68	108.04	-28.3882	-1.879	-1.1785
930	SLD 10	-5.04	3.21	108.68	-28.5866	-1.8569	-1.3493
930	SLD 11	-5.05	-5.26	115.46	-30.34	-2.2829	-1.3931
930	SLD 12	-5.72	-5.73	116.11	-30.5383	-2.2608	-1.5639
930	SLD 13	-11.28	1.53	100.61	-26.7303	-1.6174	-3.0008
930	SLD 14	-12.3	0.82	101.59	-27.0315	-1.5838	-3.2603
930	SLD 15	-11.48	-1.15	102.84	-27.3158	-1.7386	-3.0652
930	SLD 16	-12.51	-1.86	103.82	-27.617	-1.705	-3.3247
930	SLV 1	22.22	-0.4	145.6	-37.0854	-3.5137	5.7599
930	SLV 2	19.84	-2.05	147.88	-37.7868	-3.4355	5.1558
930	SLV 3	21.75	-6.47	150.65	-38.4117	-3.788	5.6134
930	SLV 4	19.37	-8.13	152.93	-39.113	-3.7098	5.0093
930	SLV 5	6.31	8.41	117.03	-30.3036	-2.2231	1.6325
930	SLV 6	4.77	7.33	118.51	-30.7574	-2.1725	1.2416
930	SLV 7	4.76	-11.84	133.87	-34.7245	-3.1376	1.1444
930	SLV 8	3.22	-12.92	135.34	-35.1783	-3.087	0.7535
930	SLV 9	-7.43	10.13	97.25	-25.7108	-1.4031	-1.9603
930	SLV 10	-8.97	9.06	98.73	-26.1646	-1.3526	-2.3512
930	SLV 11	-8.98	-10.12	114.09	-30.1317	-2.3176	-2.4484
930	SLV 12	-10.52	-11.2	115.57	-30.5855	-2.267	-2.8393
930	SLV 13	-23.58	5.34	79.67	-21.776	-0.7803	-6.2161
930	SLV 14	-25.96	3.68	81.95	-22.4774	-0.7022	-6.8202
930	SLV 15	-24.05	-0.73	84.72	-23.1023	-1.0547	-6.3626
930	SLV 16	-26.43	-2.39	87	-23.8036	-0.9765	-6.9667
930	CRTFP Ux+	0	0	0	0	0	0
930	CRTFP Ux-	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
930	CRTFP Uy+	0	0	0	0	0	0
930	CRTFP Uy-	0	0	0	0	0	0
933	SLU 1	0.69	0.06	27.71	-8.0065	-1.7728	0.2449
933	SLU 2	0.69	0.1	27.71	-8.0068	-1.7728	0.2484
933	SLU 3	0.71	0.06	28.36	-8.1923	-1.8143	0.2515
933	SLU 4	0.71	0.09	28.36	-8.1924	-1.8143	0.2536
933	SLU 5	0.7	0.1	28.1	-8.119	-1.7979	0.2529
933	SLU 6	0.72	0.06	28.75	-8.3044	-1.8394	0.256
933	SLU 7	0.72	0.09	28.75	-8.3046	-1.8394	0.2581
933	SLU 8	0.71	0.06	28.49	-8.2309	-1.823	0.2539
933	SLU 9	0.72	0.08	28.49	-8.231	-1.823	0.256
933	SLU 10	0.74	0.14	31.11	-8.9814	-1.9903	0.2678
933	SLU 11	0.76	0.1	31.76	-9.1669	-2.0318	0.2709
933	SLU 12	0.76	0.12	31.76	-9.167	-2.0318	0.273
933	SLU 13	0.75	0.14	31.51	-9.0936	-2.0154	0.2723
933	SLU 14	0.77	0.1	32.16	-9.279	-2.0569	0.2754
933	SLU 15	0.77	0.12	32.16	-9.2792	-2.0569	0.2775
933	SLU 16	0.76	0.09	31.9	-9.2054	-2.0405	0.2733
933	SLU 17	0.77	0.12	31.9	-9.2056	-2.0405	0.2754
933	SLU 18	0.76	0.11	32.57	-9.3988	-2.0836	0.2727
933	SLU 19	0.76	0.14	32.57	-9.3989	-2.0836	0.2748
933	SLU 20	0.77	0.11	32.97	-9.511	-2.1086	0.2772
933	SLU 21	0.77	0.13	32.97	-9.5111	-2.1086	0.2793
933	SLU 22	0.74	0.11	31.13	-8.9858	-1.9914	0.267
933	SLU 23	0.75	0.15	31.13	-8.986	-1.9914	0.2705
933	SLU 24	0.76	0.11	31.78	-9.1715	-2.0328	0.2736
933	SLU 25	0.76	0.14	31.78	-9.1717	-2.0328	0.2757
933	SLU 26	0.76	0.15	31.52	-9.0982	-2.0164	0.275
933	SLU 27	0.77	0.11	32.17	-9.2837	-2.0579	0.2781
933	SLU 28	0.78	0.13	32.17	-9.2839	-2.0579	0.2802
933	SLU 29	0.77	0.11	31.91	-9.2101	-2.0415	0.276
933	SLU 30	0.77	0.13	31.91	-9.2103	-2.0415	0.2781
933	SLU 31	0.79	0.19	34.54	-9.9606	-2.2089	0.2899
933	SLU 32	0.81	0.15	35.18	-10.1461	-2.2503	0.293
933	SLU 33	0.81	0.17	35.18	-10.1463	-2.2503	0.2951
933	SLU 34	0.81	0.18	34.93	-10.0728	-2.2339	0.2944
933	SLU 35	0.82	0.15	35.58	-10.2583	-2.2754	0.2975
933	SLU 36	0.82	0.17	35.58	-10.2585	-2.2754	0.2996
933	SLU 37	0.82	0.14	35.32	-10.1847	-2.259	0.2954
933	SLU 38	0.82	0.17	35.32	-10.1849	-2.259	0.2975
933	SLU 39	0.81	0.16	35.99	-10.378	-2.3021	0.2948
933	SLU 40	0.81	0.18	35.99	-10.3782	-2.3021	0.2968
933	SLU 41	0.83	0.16	36.39	-10.4902	-2.3271	0.2993
933	SLU 42	0.83	0.18	36.39	-10.4904	-2.3271	0.3014
933	SLU 43	0.88	0.06	34.85	-10.0727	-2.2298	0.3108
933	SLU 44	0.88	0.1	34.85	-10.073	-2.2298	0.3143
933	SLU 45	0.89	0.07	35.5	-10.2585	-2.2712	0.3174
933	SLU 46	0.9	0.09	35.5	-10.2586	-2.2712	0.3195
933	SLU 47	0.89	0.1	35.24	-10.1852	-2.2548	0.3188
933	SLU 48	0.91	0.06	35.89	-10.3706	-2.2963	0.3219
933	SLU 49	0.91	0.09	35.89	-10.3708	-2.2963	0.324
933	SLU 50	0.9	0.06	35.63	-10.2971	-2.2799	0.3198
933	SLU 51	0.9	0.08	35.63	-10.2972	-2.2799	0.3219
933	SLU 52	0.93	0.14	38.25	-11.0476	-2.4473	0.3337
933	SLU 53	0.94	0.1	38.9	-11.2331	-2.4887	0.3368
933	SLU 54	0.95	0.13	38.9	-11.2332	-2.4887	0.3389
933	SLU 55	0.94	0.14	38.65	-11.1598	-2.4723	0.3382
933	SLU 56	0.96	0.1	39.29	-11.3452	-2.5138	0.3413
933	SLU 57	0.96	0.12	39.29	-11.3454	-2.5138	0.3434
933	SLU 58	0.95	0.1	39.04	-11.2717	-2.4974	0.3393
933	SLU 59	0.95	0.12	39.04	-11.2718	-2.4974	0.3413
933	SLU 60	0.95	0.11	39.71	-11.465	-2.5405	0.3386
933	SLU 61	0.95	0.14	39.71	-11.4652	-2.5405	0.3407
933	SLU 62	0.96	0.11	40.11	-11.5772	-2.5655	0.3431
933	SLU 63	0.96	0.14	40.1	-11.5773	-2.5655	0.3452
933	SLU 64	0.93	0.11	38.27	-11.052	-2.4483	0.3329
933	SLU 65	0.93	0.15	38.27	-11.0522	-2.4483	0.3364
933	SLU 66	0.95	0.11	38.92	-11.2377	-2.4898	0.3395
933	SLU 67	0.95	0.14	38.92	-11.2379	-2.4898	0.3416
933	SLU 68	0.95	0.15	38.66	-11.1644	-2.4734	0.3409
933	SLU 69	0.96	0.11	39.31	-11.3499	-2.5148	0.344
933	SLU 70	0.96	0.14	39.31	-11.3501	-2.5148	0.3461
933	SLU 71	0.96	0.11	39.05	-11.2763	-2.4984	0.3419
933	SLU 72	0.96	0.13	39.05	-11.2765	-2.4984	0.344
933	SLU 73	0.98	0.19	41.67	-12.0268	-2.6658	0.3558
933	SLU 74	1	0.15	42.32	-12.2123	-2.7073	0.3589
933	SLU 75	1	0.17	42.32	-12.2125	-2.7073	0.361
933	SLU 76	1	0.19	42.07	-12.139	-2.6909	0.3603
933	SLU 77	1.01	0.15	42.72	-12.3245	-2.7323	0.3634
933	SLU 78	1.01	0.17	42.72	-12.3247	-2.7323	0.3655
933	SLU 79	1.01	0.14	42.46	-12.2509	-2.7159	0.3613
933	SLU 80	1.01	0.17	42.46	-12.2511	-2.7159	0.3634
933	SLU 81	1	0.16	43.13	-12.4442	-2.759	0.3607
933	SLU 82	1	0.19	43.13	-12.4444	-2.759	0.3628
933	SLU 83	1.01	0.16	43.53	-12.5564	-2.7841	0.3652
933	SLU 84	1.02	0.18	43.53	-12.5566	-2.7841	0.3673
933	SLE RA 1	0.7	0.08	28.69	-8.2863	-1.8353	0.2512
933	SLE RA 2	0.71	0.1	28.69	-8.2865	-1.8353	0.2536
933	SLE RA 3	0.72	0.08	29.12	-8.4101	-1.8629	0.2556



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
933	SLE RA 4	0.72	0.09	29.12	-8.4102	-1.8629	0.257
933	SLE RA 5	0.71	0.1	28.95	-8.3613	-1.852	0.2566
933	SLE RA 6	0.72	0.08	29.38	-8.4849	-1.8796	0.2586
933	SLE RA 7	0.73	0.09	29.38	-8.485	-1.8796	0.26
933	SLE RA 8	0.72	0.07	29.21	-8.4359	-1.8687	0.2572
933	SLE RA 9	0.72	0.09	29.21	-8.436	-1.8687	0.2586
933	SLE RA 10	0.74	0.13	30.96	-8.9362	-1.9803	0.2665
933	SLE RA 11	0.75	0.1	31.39	-9.0599	-2.0079	0.2686
933	SLE RA 12	0.75	0.12	31.39	-9.06	-2.0079	0.27
933	SLE RA 13	0.75	0.12	31.22	-9.011	-1.997	0.2695
933	SLE RA 14	0.76	0.1	31.65	-9.1346	-2.0246	0.2716
933	SLE RA 15	0.76	0.12	31.65	-9.1348	-2.0246	0.273
933	SLE RA 16	0.75	0.1	31.48	-9.0856	-2.0137	0.2702
933	SLE RA 17	0.76	0.11	31.48	-9.0857	-2.0137	0.2716
933	SLE RA 18	0.75	0.11	31.93	-9.2145	-2.0424	0.2697
933	SLE RA 19	0.75	0.13	31.93	-9.2146	-2.0424	0.2711
933	SLE RA 20	0.76	0.11	32.19	-9.2893	-2.0591	0.2727
933	SLE RA 21	0.76	0.12	32.19	-9.2894	-2.0591	0.2741
933	SLE FR 1	0.7	0.08	28.69	-8.2863	-1.8353	0.2512
933	SLE FR 2	0.7	0.08	28.69	-8.2863	-1.8353	0.2517
933	SLE FR 3	0.71	0.08	28.79	-8.3162	-1.842	0.2524
933	SLE FR 4	0.72	0.09	29.66	-8.5648	-1.8974	0.2572
933	SLE FR 5	0.72	0.09	29.76	-8.5947	-1.9041	0.258
933	SLE FR 6	0.73	0.09	30.31	-8.7504	-1.9388	0.2605
933	SLE QP 1	0.7	0.08	28.69	-8.2863	-1.8353	0.2512
933	SLE QP 2	0.72	0.09	29.66	-8.5647	-1.8974	0.2568
933	SLD 1	3.33	0.25	26.51	-7.7469	-1.6951	1.187
933	SLD 2	3.07	0.48	26.18	-7.6644	-1.674	1.1119
933	SLD 3	3.35	-0.45	27.11	-7.9129	-1.7334	1.1399
933	SLD 4	3.1	-0.22	26.79	-7.8305	-1.7123	1.0648
933	SLD 5	1.5	1.15	27.85	-8.0823	-1.7824	0.6206
933	SLD 6	1.33	1.3	27.64	-8.028	-1.7686	0.5712
933	SLD 7	1.6	-1.17	29.87	-8.6359	-1.91	0.4638
933	SLD 8	1.43	-1.02	29.66	-8.5816	-1.8962	0.4144
933	SLD 9	0.01	1.19	29.66	-8.5479	-1.8987	0.0992
933	SLD 10	-0.16	1.34	29.45	-8.4936	-1.8848	0.0497
933	SLD 11	0.1	-1.13	31.68	-9.1015	-2.0263	-0.0576
933	SLD 12	-0.07	-0.98	31.47	-9.0472	-2.0124	-0.1071
933	SLD 13	-1.66	0.39	32.53	-9.299	-2.0825	-0.5513
933	SLD 14	-1.92	0.62	32.21	-9.2166	-2.0615	-0.6264
933	SLD 15	-1.63	-0.31	33.14	-9.4651	-2.1208	-0.5983
933	SLD 16	-1.89	-0.08	32.81	-9.3826	-2.0998	-0.6734
933	SLV 1	6.82	0.45	22.3	-6.6551	-1.425	2.4312
933	SLV 2	6.22	0.98	21.54	-6.4632	-1.376	2.2563
933	SLV 3	6.89	-1.13	23.67	-7.0304	-1.5116	2.3246
933	SLV 4	6.29	-0.6	22.91	-6.8385	-1.4626	2.1497
933	SLV 5	2.55	2.5	25.5	-7.4559	-1.6328	1.1011
933	SLV 6	2.16	2.84	25.01	-7.3317	-1.6011	0.988
933	SLV 7	2.77	-2.77	30.07	-8.707	-1.9216	0.7458
933	SLV 8	2.39	-2.42	29.58	-8.5828	-1.8899	0.6327
933	SLV 9	-0.95	2.6	29.73	-8.5467	-1.905	-0.1191
933	SLV 10	-1.34	2.94	29.25	-8.4225	-1.8733	-0.2322
933	SLV 11	-0.73	-2.67	34.3	-9.7978	-2.1937	-0.4744
933	SLV 12	-1.11	-2.33	33.82	-9.6736	-2.162	-0.5875
933	SLV 13	-4.85	0.77	36.41	-10.291	-2.3322	-1.6362
933	SLV 14	-5.45	1.3	35.65	-10.0991	-2.2832	-1.811
933	SLV 15	-4.78	-0.81	37.78	-10.6663	-2.4188	-1.7428
933	SLV 16	-5.38	-0.28	37.02	-10.4744	-2.3698	-1.9176
933	CRTFP Ux+	0	0	0	0	0	0
933	CRTFP Ux-	0	0	0	0	0	0
933	CRTFP Uy+	0	0	0	0	0	0
933	CRTFP Uy-	0	0	0	0	0	0
934	SLU 1	1.01	0.09	39.07	-10.2248	0.0571	0.3551
934	SLU 2	1.02	0.15	39.07	-10.2254	0.057	0.3565
934	SLU 3	1.04	0.1	39.98	-10.4574	0.0587	0.3646
934	SLU 4	1.04	0.13	39.98	-10.4578	0.0586	0.3655
934	SLU 5	1.04	0.15	39.62	-10.366	0.0579	0.3633
934	SLU 6	1.06	0.1	40.53	-10.598	0.0596	0.3714
934	SLU 7	1.06	0.13	40.53	-10.5984	0.0595	0.3723
934	SLU 8	1.05	0.09	40.17	-10.506	0.0589	0.3687
934	SLU 9	1.05	0.12	40.17	-10.5064	0.0589	0.3696
934	SLU 10	1.09	0.2	43.84	-11.4498	0.0653	0.3815
934	SLU 11	1.11	0.15	44.75	-11.6817	0.067	0.3896
934	SLU 12	1.11	0.18	44.75	-11.6821	0.0669	0.3905
934	SLU 13	1.11	0.2	44.39	-11.5904	0.0663	0.3883
934	SLU 14	1.13	0.15	45.3	-11.8223	0.0679	0.3964
934	SLU 15	1.13	0.18	45.3	-11.8227	0.0679	0.3973
934	SLU 16	1.12	0.14	44.94	-11.7303	0.0673	0.3937
934	SLU 17	1.13	0.17	44.94	-11.7307	0.0672	0.3946
934	SLU 18	1.12	0.17	45.89	-11.9738	0.069	0.3908
934	SLU 19	1.12	0.2	45.89	-11.9742	0.0689	0.3917
934	SLU 20	1.14	0.16	46.44	-12.1144	0.0699	0.3976
934	SLU 21	1.14	0.2	46.44	-12.1148	0.0699	0.3985
934	SLU 22	1.09	0.16	43.86	-11.4556	0.0655	0.3829
934	SLU 23	1.1	0.22	43.87	-11.4562	0.0654	0.3843
934	SLU 24	1.12	0.17	44.77	-11.6882	0.0671	0.3924
934	SLU 25	1.12	0.2	44.77	-11.6886	0.067	0.3932
934	SLU 26	1.12	0.22	44.42	-11.5968	0.0663	0.3911
934	SLU 27	1.14	0.17	45.32	-11.8288	0.068	0.3992



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
934	SLU 28	1.14	0.2	45.33	-11.8292	0.0679	0.4
934	SLU 29	1.13	0.16	44.96	-11.7368	0.0673	0.3965
934	SLU 30	1.13	0.19	44.97	-11.7372	0.0673	0.3973
934	SLU 31	1.17	0.27	48.64	-12.6806	0.0737	0.4093
934	SLU 32	1.19	0.22	49.54	-12.9125	0.0754	0.4174
934	SLU 33	1.19	0.25	49.55	-12.9129	0.0753	0.4182
934	SLU 34	1.19	0.27	49.19	-12.8212	0.0747	0.4161
934	SLU 35	1.21	0.22	50.09	-13.0531	0.0763	0.4242
934	SLU 36	1.21	0.25	50.1	-13.0535	0.0763	0.425
934	SLU 37	1.2	0.21	49.74	-12.9611	0.0757	0.4214
934	SLU 38	1.21	0.24	49.74	-12.9615	0.0756	0.4223
934	SLU 39	1.2	0.24	50.68	-13.2046	0.0774	0.4186
934	SLU 40	1.2	0.27	50.68	-13.205	0.0773	0.4194
934	SLU 41	1.21	0.23	51.23	-13.3452	0.0783	0.4254
934	SLU 42	1.22	0.27	51.23	-13.3456	0.0783	0.4262
934	SLU 43	1.29	0.1	49.15	-12.8702	0.0714	0.4521
934	SLU 44	1.29	0.16	49.15	-12.8709	0.0713	0.4536
934	SLU 45	1.32	0.1	50.06	-13.1028	0.0729	0.4617
934	SLU 46	1.32	0.14	50.06	-13.1032	0.0729	0.4625
934	SLU 47	1.31	0.15	49.7	-13.0115	0.0722	0.4604
934	SLU 48	1.34	0.1	50.61	-13.2434	0.0738	0.4685
934	SLU 49	1.34	0.13	50.61	-13.2438	0.0738	0.4693
934	SLU 50	1.33	0.09	50.25	-13.1514	0.0732	0.4657
934	SLU 51	1.33	0.13	50.25	-13.1518	0.0731	0.4666
934	SLU 52	1.37	0.21	53.92	-14.0952	0.0796	0.4785
934	SLU 53	1.39	0.15	54.83	-14.3271	0.0812	0.4867
934	SLU 54	1.39	0.19	54.83	-14.3275	0.0812	0.4875
934	SLU 55	1.39	0.2	54.47	-14.2358	0.0805	0.4853
934	SLU 56	1.41	0.15	55.38	-14.4677	0.0822	0.4935
934	SLU 57	1.41	0.19	55.38	-14.4681	0.0821	0.4943
934	SLU 58	1.4	0.15	55.02	-14.3757	0.0815	0.4907
934	SLU 59	1.4	0.18	55.02	-14.3761	0.0815	0.4916
934	SLU 60	1.39	0.17	55.97	-14.6192	0.0832	0.4878
934	SLU 61	1.4	0.21	55.97	-14.6197	0.0832	0.4887
934	SLU 62	1.41	0.17	56.52	-14.7599	0.0841	0.4946
934	SLU 63	1.41	0.2	56.52	-14.7603	0.0841	0.4955
934	SLU 64	1.37	0.17	53.94	-14.101	0.0798	0.4799
934	SLU 65	1.37	0.23	53.94	-14.1017	0.0797	0.4813
934	SLU 66	1.4	0.17	54.85	-14.3336	0.0813	0.4894
934	SLU 67	1.4	0.21	54.85	-14.334	0.0813	0.4903
934	SLU 68	1.39	0.22	54.49	-14.2423	0.0806	0.4881
934	SLU 69	1.42	0.17	55.4	-14.4742	0.0822	0.4962
934	SLU 70	1.42	0.2	55.4	-14.4746	0.0822	0.4971
934	SLU 71	1.41	0.16	55.04	-14.3822	0.0816	0.4935
934	SLU 72	1.41	0.2	55.04	-14.3826	0.0816	0.4943
934	SLU 73	1.45	0.28	58.71	-15.326	0.088	0.5063
934	SLU 74	1.47	0.22	59.62	-15.5579	0.0896	0.5144
934	SLU 75	1.47	0.26	59.62	-15.5583	0.0896	0.5152
934	SLU 76	1.46	0.27	59.27	-15.4666	0.0889	0.5131
934	SLU 77	1.49	0.22	60.17	-15.6985	0.0906	0.5212
934	SLU 78	1.49	0.25	60.17	-15.6989	0.0905	0.522
934	SLU 79	1.48	0.21	59.81	-15.6065	0.0899	0.5185
934	SLU 80	1.48	0.25	59.81	-15.6069	0.0899	0.5193
934	SLU 81	1.47	0.24	60.76	-15.8501	0.0916	0.5156
934	SLU 82	1.47	0.28	60.76	-15.8505	0.0916	0.5164
934	SLU 83	1.49	0.24	61.31	-15.9907	0.0926	0.5224
934	SLU 84	1.49	0.27	61.31	-15.9911	0.0925	0.5232
934	SLE RA 1	1.04	0.11	40.44	-10.5764	0.0595	0.363
934	SLE RA 2	1.04	0.15	40.44	-10.5769	0.0595	0.364
934	SLE RA 3	1.05	0.12	41.05	-10.7315	0.0605	0.3694
934	SLE RA 4	1.06	0.14	41.05	-10.7318	0.0605	0.37
934	SLE RA 5	1.05	0.15	40.81	-10.6706	0.0601	0.3685
934	SLE RA 6	1.07	0.12	41.41	-10.8252	0.0612	0.3739
934	SLE RA 7	1.07	0.14	41.42	-10.8255	0.0611	0.3745
934	SLE RA 8	1.06	0.11	41.18	-10.7639	0.0607	0.3721
934	SLE RA 9	1.06	0.13	41.18	-10.7642	0.0607	0.3727
934	SLE RA 10	1.09	0.19	43.62	-11.3931	0.065	0.3806
934	SLE RA 11	1.1	0.15	44.23	-11.5477	0.0661	0.3861
934	SLE RA 12	1.1	0.17	44.23	-11.548	0.0661	0.3866
934	SLE RA 13	1.1	0.18	43.99	-11.4868	0.0656	0.3852
934	SLE RA 14	1.12	0.15	44.6	-11.6414	0.0667	0.3906
934	SLE RA 15	1.12	0.17	44.6	-11.6417	0.0667	0.3912
934	SLE RA 16	1.11	0.15	44.36	-11.5801	0.0663	0.3888
934	SLE RA 17	1.11	0.17	44.36	-11.5804	0.0662	0.3893
934	SLE RA 18	1.1	0.16	44.98	-11.7425	0.0674	0.3868
934	SLE RA 19	1.11	0.19	44.99	-11.7427	0.0674	0.3874
934	SLE RA 20	1.12	0.16	45.35	-11.8362	0.068	0.3914
934	SLE RA 21	1.12	0.18	45.35	-11.8365	0.068	0.3919
934	SLE FR 1	1.04	0.11	40.44	-10.5764	0.0595	0.363
934	SLE FR 2	1.04	0.12	40.44	-10.5765	0.0595	0.3632
934	SLE FR 3	1.04	0.11	40.59	-10.6139	0.0597	0.3649
934	SLE FR 4	1.06	0.14	41.8	-10.9263	0.0619	0.3704
934	SLE FR 5	1.06	0.13	41.95	-10.9637	0.0621	0.372
934	SLE FR 6	1.07	0.14	42.71	-11.1594	0.0635	0.3749
934	SLE QP 1	1.04	0.11	40.44	-10.5764	0.0595	0.363
934	SLE QP 2	1.06	0.13	41.8	-10.9262	0.0619	0.3702
934	SLD 1	4.86	0.29	37.25	-9.9924	0.0619	1.6974
934	SLD 2	4.48	0.65	36.78	-9.8839	0.0619	1.5663
934	SLD 3	4.9	-0.71	38.07	-10.1903	0.0648	1.7119



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
934	SLD 4	4.52	-0.36	37.6	-10.0817	0.0648	1.5808
934	SLD 5	2.2	1.64	39.28	-10.3654	0.0575	0.7698
934	SLD 6	1.95	1.87	38.97	-10.2939	0.0575	0.6835
934	SLD 7	2.34	-1.71	42.02	-11.025	0.0672	0.8182
934	SLD 8	2.09	-1.48	41.7	-10.9535	0.0671	0.7319
934	SLD 9	0.02	1.73	41.91	-10.8989	0.0566	0.0085
934	SLD 10	-0.23	1.97	41.59	-10.8274	0.0566	-0.0778
934	SLD 11	0.16	-1.61	44.64	-11.5585	0.0663	0.0569
934	SLD 12	-0.09	-1.38	44.33	-11.487	0.0663	-0.0295
934	SLD 13	-2.41	0.62	46.01	-11.7707	0.059	-0.8404
934	SLD 14	-2.79	0.97	45.53	-11.6622	0.059	-0.9715
934	SLD 15	-2.37	-0.39	46.83	-11.9686	0.0619	-0.8259
934	SLD 16	-2.74	-0.03	46.36	-11.86	0.0619	-0.957
934	SLV 1	9.95	0.47	31.18	-8.7461	0.0621	3.475
934	SLV 2	9.07	1.3	30.07	-8.4933	0.062	3.1697
934	SLV 3	10.05	-1.8	33.04	-9.1939	0.0687	3.5088
934	SLV 4	9.17	-0.98	31.93	-8.9411	0.0686	3.2036
934	SLV 5	3.73	3.54	35.99	-9.637	0.052	1.3032
934	SLV 6	3.16	4.07	35.27	-9.4734	0.0519	1.1057
934	SLV 7	4.05	-4.04	42.19	-11.1295	0.0739	1.4161
934	SLV 8	3.49	-3.51	41.47	-10.9659	0.0739	1.2186
934	SLV 9	-1.37	3.77	42.14	-10.8865	0.0499	-0.4782
934	SLV 10	-1.94	4.3	41.42	-10.723	0.0498	-0.6757
934	SLV 11	-1.05	-3.81	48.34	-12.3791	0.0718	-0.3654
934	SLV 12	-1.62	-3.28	47.62	-12.2155	0.0718	-0.5629
934	SLV 13	-7.06	1.23	51.68	-12.9114	0.0551	-2.4632
934	SLV 14	-7.93	2.06	50.57	-12.6586	0.055	-2.7685
934	SLV 15	-6.96	-1.04	53.54	-13.3592	0.0617	-2.4293
934	SLV 16	-7.84	-0.22	52.43	-13.1064	0.0616	-2.7346
934	CRTFP Ux+	0	0	0	0	0	0
934	CRTFP Ux-	0	0	0	0	0	0
934	CRTFP Uy+	0	0	0	0	0	0
934	CRTFP Uy-	0	0	0	0	0	0
935	SLU 1	1.02	0.11	37.33	-8.6298	0.0587	0.3591
935	SLU 2	1.03	0.17	37.34	-8.6309	0.0586	0.3606
935	SLU 3	1.05	0.12	38.19	-8.8204	0.0602	0.3688
935	SLU 4	1.05	0.15	38.2	-8.821	0.0602	0.3697
935	SLU 5	1.05	0.17	37.86	-8.7463	0.0595	0.3675
935	SLU 6	1.07	0.11	38.72	-8.9357	0.0612	0.3757
935	SLU 7	1.07	0.15	38.72	-8.9363	0.0611	0.3766
935	SLU 8	1.06	0.11	38.38	-8.8605	0.0605	0.3729
935	SLU 9	1.07	0.14	38.38	-8.8612	0.0605	0.3738
935	SLU 10	1.1	0.22	41.85	-9.638	0.0671	0.3857
935	SLU 11	1.12	0.17	42.71	-9.8275	0.0688	0.3938
935	SLU 12	1.13	0.2	42.71	-9.8281	0.0687	0.3947
935	SLU 13	1.12	0.22	42.38	-9.7534	0.0681	0.3925
935	SLU 14	1.14	0.16	43.23	-9.9428	0.0697	0.4007
935	SLU 15	1.14	0.2	43.24	-9.9435	0.0697	0.4016
935	SLU 16	1.13	0.16	42.89	-9.8677	0.0691	0.3979
935	SLU 17	1.14	0.19	42.9	-9.8683	0.069	0.3988
935	SLU 18	1.13	0.19	43.79	-10.0686	0.0709	0.3949
935	SLU 19	1.13	0.22	43.79	-10.0692	0.0708	0.3958
935	SLU 20	1.15	0.18	44.31	-10.184	0.0718	0.4018
935	SLU 21	1.15	0.22	44.31	-10.1846	0.0717	0.4027
935	SLU 22	1.1	0.18	41.87	-9.6422	0.0673	0.387
935	SLU 23	1.11	0.24	41.87	-9.6433	0.0672	0.3885
935	SLU 24	1.13	0.19	42.73	-9.8327	0.0688	0.3966
935	SLU 25	1.13	0.22	42.73	-9.8333	0.0688	0.3975
935	SLU 26	1.13	0.24	42.39	-9.7586	0.0681	0.3954
935	SLU 27	1.15	0.18	43.25	-9.9481	0.0698	0.4035
935	SLU 28	1.15	0.22	43.26	-9.9487	0.0697	0.4044
935	SLU 29	1.14	0.18	42.91	-9.8729	0.0691	0.4007
935	SLU 30	1.14	0.21	42.92	-9.8735	0.0691	0.4016
935	SLU 31	1.18	0.29	46.39	-10.6504	0.0757	0.4135
935	SLU 32	1.2	0.24	47.25	-10.8398	0.0774	0.4217
935	SLU 33	1.2	0.27	47.25	-10.8405	0.0773	0.4226
935	SLU 34	1.2	0.29	46.91	-10.7657	0.0767	0.4204
935	SLU 35	1.22	0.23	47.77	-10.9552	0.0783	0.4285
935	SLU 36	1.22	0.27	47.77	-10.9558	0.0783	0.4294
935	SLU 37	1.21	0.23	47.43	-10.88	0.0777	0.4258
935	SLU 38	1.22	0.26	47.43	-10.8807	0.0776	0.4267
935	SLU 39	1.2	0.26	48.32	-11.0809	0.0795	0.4227
935	SLU 40	1.21	0.29	48.32	-11.0816	0.0794	0.4236
935	SLU 41	1.22	0.25	48.85	-11.1963	0.0804	0.4296
935	SLU 42	1.23	0.29	48.85	-11.1969	0.0804	0.4305
935	SLU 43	1.3	0.12	46.98	-10.8717	0.0733	0.4573
935	SLU 44	1.31	0.18	46.98	-10.8728	0.0733	0.4588
935	SLU 45	1.33	0.13	47.84	-11.0622	0.0749	0.467
935	SLU 46	1.33	0.16	47.84	-11.0629	0.0749	0.4679
935	SLU 47	1.33	0.18	47.5	-10.9881	0.0742	0.4657
935	SLU 48	1.35	0.12	48.36	-11.1776	0.0758	0.4738
935	SLU 49	1.35	0.16	48.36	-11.1782	0.0758	0.4747
935	SLU 50	1.34	0.12	48.02	-11.1024	0.0752	0.4711
935	SLU 51	1.35	0.15	48.02	-11.103	0.0751	0.472
935	SLU 52	1.38	0.23	51.5	-11.8799	0.0818	0.4839
935	SLU 53	1.4	0.18	52.36	-12.0694	0.0834	0.492
935	SLU 54	1.4	0.21	52.36	-12.07	0.0834	0.4929
935	SLU 55	1.4	0.23	52.02	-11.9953	0.0827	0.4907
935	SLU 56	1.42	0.17	52.88	-12.1847	0.0844	0.4989



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
935	SLU 57	1.42	0.21	52.88	-12.1853	0.0843	0.4998
935	SLU 58	1.41	0.17	52.54	-12.1095	0.0837	0.4961
935	SLU 59	1.42	0.2	52.54	-12.1102	0.0837	0.497
935	SLU 60	1.41	0.2	53.43	-12.3105	0.0855	0.4931
935	SLU 61	1.41	0.23	53.43	-12.3111	0.0855	0.494
935	SLU 62	1.43	0.19	53.95	-12.4258	0.0864	0.5
935	SLU 63	1.43	0.23	53.95	-12.4265	0.0864	0.5009
935	SLU 64	1.38	0.19	51.51	-11.884	0.0819	0.4852
935	SLU 65	1.39	0.25	51.52	-11.8851	0.0819	0.4867
935	SLU 66	1.41	0.2	52.38	-12.0746	0.0835	0.4948
935	SLU 67	1.41	0.23	52.38	-12.0752	0.0835	0.4957
935	SLU 68	1.41	0.25	52.04	-12.0005	0.0828	0.4935
935	SLU 69	1.43	0.19	52.9	-12.1899	0.0844	0.5017
935	SLU 70	1.43	0.23	52.9	-12.1906	0.0844	0.5026
935	SLU 71	1.42	0.19	52.56	-12.1147	0.0838	0.4989
935	SLU 72	1.42	0.22	52.56	-12.1154	0.0837	0.4998
935	SLU 73	1.46	0.3	56.03	-12.8923	0.0904	0.5117
935	SLU 74	1.48	0.25	56.89	-13.0817	0.092	0.5198
935	SLU 75	1.48	0.28	56.9	-13.0823	0.092	0.5207
935	SLU 76	1.48	0.3	56.56	-13.0076	0.0913	0.5186
935	SLU 77	1.5	0.24	57.42	-13.197	0.093	0.5267
935	SLU 78	1.5	0.28	57.42	-13.1977	0.0929	0.5276
935	SLU 79	1.49	0.24	57.08	-13.1219	0.0923	0.524
935	SLU 80	1.5	0.27	57.08	-13.1225	0.0923	0.5249
935	SLU 81	1.48	0.26	57.97	-13.3228	0.0941	0.5209
935	SLU 82	1.49	0.3	57.97	-13.3235	0.0941	0.5218
935	SLU 83	1.5	0.26	58.49	-13.4382	0.095	0.5278
935	SLU 84	1.51	0.3	58.49	-13.4388	0.095	0.5287
935	SLE RA 1	1.05	0.13	38.63	-8.9191	0.0611	0.3671
935	SLE RA 2	1.05	0.17	38.63	-8.9198	0.0611	0.3681
935	SLE RA 3	1.06	0.13	39.2	-9.0461	0.0622	0.3735
935	SLE RA 4	1.07	0.16	39.2	-9.0465	0.0622	0.3741
935	SLE RA 5	1.06	0.17	38.98	-8.9967	0.0617	0.3727
935	SLE RA 6	1.08	0.13	39.55	-9.123	0.0628	0.3781
935	SLE RA 7	1.08	0.16	39.55	-9.1234	0.0628	0.3787
935	SLE RA 8	1.07	0.13	39.32	-9.0729	0.0624	0.3763
935	SLE RA 9	1.07	0.15	39.33	-9.0733	0.0623	0.3769
935	SLE RA 10	1.1	0.2	41.64	-9.5912	0.0668	0.3848
935	SLE RA 11	1.11	0.17	42.22	-9.7175	0.0679	0.3902
935	SLE RA 12	1.11	0.19	42.22	-9.7179	0.0678	0.3908
935	SLE RA 13	1.11	0.2	41.99	-9.6681	0.0674	0.3894
935	SLE RA 14	1.13	0.17	42.56	-9.7944	0.0685	0.3948
935	SLE RA 15	1.13	0.19	42.56	-9.7948	0.0685	0.3954
935	SLE RA 16	1.12	0.16	42.34	-9.7443	0.0681	0.393
935	SLE RA 17	1.12	0.19	42.34	-9.7447	0.068	0.3936
935	SLE RA 18	1.11	0.18	42.93	-9.8783	0.0693	0.3909
935	SLE RA 19	1.12	0.2	42.93	-9.8787	0.0692	0.3915
935	SLE RA 20	1.13	0.18	43.28	-9.9552	0.0699	0.3955
935	SLE RA 21	1.13	0.2	43.28	-9.9556	0.0698	0.3961
935	SLE FR 1	1.05	0.13	38.63	-8.9191	0.0611	0.3671
935	SLE FR 2	1.05	0.14	38.63	-8.9192	0.0611	0.3673
935	SLE FR 3	1.05	0.13	38.77	-8.9498	0.0614	0.3689
935	SLE FR 4	1.07	0.15	39.92	-9.207	0.0636	0.3744
935	SLE FR 5	1.07	0.15	40.06	-9.2376	0.0638	0.3761
935	SLE FR 6	1.08	0.16	40.78	-9.3987	0.0652	0.379
935	SLE QP 1	1.05	0.13	38.63	-8.9191	0.0611	0.3671
935	SLE QP 2	1.07	0.15	39.92	-9.2068	0.0636	0.3742
935	SLD 1	4.87	0.23	35.32	-8.5242	0.0673	1.7023
935	SLD 2	4.49	0.6	34.84	-8.4283	0.067	1.5707
935	SLD 3	4.91	-0.76	36.07	-8.6765	0.0698	1.7169
935	SLD 4	4.53	-0.39	35.6	-8.5806	0.0695	1.5852
935	SLD 5	2.21	1.61	37.48	-8.7882	0.061	0.7742
935	SLD 6	1.96	1.85	37.17	-8.7251	0.0608	0.6875
935	SLD 7	2.35	-1.7	39.99	-9.2959	0.0692	0.8227
935	SLD 8	2.1	-1.45	39.69	-9.2328	0.0691	0.736
935	SLD 9	0.03	1.74	40.15	-9.1809	0.0581	0.0125
935	SLD 10	-0.22	1.99	39.84	-9.1178	0.0579	-0.0742
935	SLD 11	0.17	-1.56	42.67	-9.6885	0.0663	0.061
935	SLD 12	-0.08	-1.31	42.36	-9.6254	0.0661	-0.0257
935	SLD 13	-2.4	0.68	44.24	-9.833	0.0576	-0.8367
935	SLD 14	-2.78	1.06	43.77	-9.7372	0.0573	-0.9684
935	SLD 15	-2.36	-0.31	44.99	-9.9853	0.0601	-0.8222
935	SLD 16	-2.73	0.07	44.52	-9.8895	0.0598	-0.9539
935	SLV 1	9.96	0.3	29.17	-7.6129	0.0724	3.4811
935	SLV 2	9.08	1.17	28.07	-7.3897	0.0718	3.1745
935	SLV 3	10.06	-1.94	30.88	-7.9589	0.078	3.5151
935	SLV 4	9.18	-1.07	29.78	-7.7357	0.0774	3.2085
935	SLV 5	3.74	3.45	34.29	-8.2426	0.0578	1.308
935	SLV 6	3.17	4.01	33.58	-8.0982	0.0574	1.1096
935	SLV 7	4.06	-4.04	39.99	-9.396	0.0765	1.4212
935	SLV 8	3.49	-3.47	39.28	-9.2515	0.0761	1.2228
935	SLV 9	-1.36	3.77	40.55	-9.1621	0.051	-0.4744
935	SLV 10	-1.93	4.33	39.84	-9.0177	0.0506	-0.6727
935	SLV 11	-1.04	-3.72	46.26	-10.3155	0.0697	-0.3611
935	SLV 12	-1.61	-3.15	45.55	-10.1711	0.0693	-0.5595
935	SLV 13	-7.04	1.37	50.05	-10.6779	0.0497	-2.46
935	SLV 14	-7.92	2.24	48.96	-10.4548	0.0491	-2.7666
935	SLV 15	-6.94	-0.88	51.77	-11.0239	0.0554	-2.4261
935	SLV 16	-7.83	-0.01	50.67	-10.8008	0.0547	-2.7327



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
935	CRTFP Ux+	0	0	0	0	0	0
935	CRTFP Ux-	0	0	0	0	0	0
935	CRTFP Uy+	0	0	0	0	0	0
935	CRTFP Uy-	0	0	0	0	0	0
936	SLU 1	1.03	0.14	35.69	-7.1959	0.0513	0.3629
936	SLU 2	1.04	0.2	35.69	-7.1973	0.0512	0.3645
936	SLU 3	1.06	0.15	36.51	-7.3488	0.0526	0.3726
936	SLU 4	1.06	0.18	36.51	-7.3497	0.0526	0.3736
936	SLU 5	1.06	0.2	36.19	-7.29	0.052	0.3714
936	SLU 6	1.08	0.15	37	-7.4416	0.0534	0.3796
936	SLU 7	1.08	0.18	37.01	-7.4424	0.0534	0.3806
936	SLU 8	1.07	0.14	36.68	-7.3814	0.0529	0.3768
936	SLU 9	1.08	0.17	36.68	-7.3822	0.0528	0.3778
936	SLU 10	1.11	0.26	39.97	-8.009	0.0588	0.3896
936	SLU 11	1.13	0.2	40.78	-8.1605	0.0602	0.3977
936	SLU 12	1.13	0.24	40.79	-8.1614	0.0601	0.3987
936	SLU 13	1.13	0.25	40.47	-8.1018	0.0596	0.3965
936	SLU 14	1.15	0.2	41.28	-8.2533	0.061	0.4047
936	SLU 15	1.15	0.24	41.28	-8.2541	0.0609	0.4057
936	SLU 16	1.14	0.19	40.96	-8.1931	0.0604	0.4019
936	SLU 17	1.15	0.23	40.96	-8.194	0.0604	0.4029
936	SLU 18	1.13	0.22	41.8	-8.3555	0.0621	0.3987
936	SLU 19	1.14	0.26	41.8	-8.3563	0.062	0.3997
936	SLU 20	1.15	0.22	42.29	-8.4482	0.0629	0.4057
936	SLU 21	1.16	0.25	42.3	-8.4491	0.0628	0.4067
936	SLU 22	1.11	0.22	39.98	-8.0114	0.0589	0.3908
936	SLU 23	1.12	0.27	39.99	-8.0128	0.0588	0.3924
936	SLU 24	1.14	0.22	40.8	-8.1643	0.0602	0.4006
936	SLU 25	1.14	0.25	40.8	-8.1652	0.0602	0.4016
936	SLU 26	1.14	0.27	40.48	-8.1055	0.0596	0.3994
936	SLU 27	1.16	0.22	41.3	-8.2571	0.061	0.4076
936	SLU 28	1.16	0.25	41.3	-8.2579	0.061	0.4085
936	SLU 29	1.15	0.21	40.97	-8.1969	0.0605	0.4048
936	SLU 30	1.16	0.25	40.98	-8.1977	0.0604	0.4057
936	SLU 31	1.19	0.33	44.26	-8.8245	0.0664	0.4175
936	SLU 32	1.21	0.27	45.08	-8.976	0.0678	0.4257
936	SLU 33	1.21	0.31	45.08	-8.9769	0.0677	0.4267
936	SLU 34	1.21	0.33	44.76	-8.9173	0.0672	0.4245
936	SLU 35	1.23	0.27	45.57	-9.0688	0.0686	0.4327
936	SLU 36	1.23	0.31	45.58	-9.0697	0.0685	0.4336
936	SLU 37	1.22	0.27	45.25	-9.0086	0.068	0.4299
936	SLU 38	1.23	0.3	45.26	-9.0095	0.068	0.4308
936	SLU 39	1.21	0.29	46.09	-9.171	0.0697	0.4267
936	SLU 40	1.22	0.33	46.1	-9.1718	0.0696	0.4277
936	SLU 41	1.23	0.29	46.59	-9.2637	0.0705	0.4337
936	SLU 42	1.24	0.33	46.59	-9.2646	0.0704	0.4346
936	SLU 43	1.32	0.16	44.92	-9.075	0.064	0.4621
936	SLU 44	1.32	0.22	44.93	-9.0764	0.064	0.4637
936	SLU 45	1.34	0.17	45.74	-9.228	0.0654	0.4719
936	SLU 46	1.35	0.2	45.74	-9.2288	0.0654	0.4729
936	SLU 47	1.34	0.22	45.42	-9.1692	0.0648	0.4707
936	SLU 48	1.36	0.16	46.24	-9.3207	0.0662	0.4789
936	SLU 49	1.37	0.2	46.24	-9.3216	0.0662	0.4798
936	SLU 50	1.36	0.16	45.91	-9.2606	0.0656	0.4761
936	SLU 51	1.36	0.19	45.92	-9.2614	0.0656	0.477
936	SLU 52	1.39	0.27	49.2	-9.8881	0.0715	0.4888
936	SLU 53	1.41	0.22	50.02	-10.0397	0.0729	0.497
936	SLU 54	1.42	0.26	50.02	-10.0405	0.0729	0.498
936	SLU 55	1.41	0.27	49.7	-9.9809	0.0723	0.4958
936	SLU 56	1.43	0.22	50.51	-10.1325	0.0737	0.504
936	SLU 57	1.44	0.25	50.52	-10.1333	0.0737	0.5049
936	SLU 58	1.43	0.21	50.19	-10.0723	0.0732	0.5012
936	SLU 59	1.43	0.25	50.19	-10.0731	0.0732	0.5021
936	SLU 60	1.42	0.24	51.03	-10.2346	0.0748	0.498
936	SLU 61	1.42	0.28	51.03	-10.2355	0.0748	0.499
936	SLU 62	1.44	0.24	51.53	-10.3274	0.0756	0.505
936	SLU 63	1.44	0.27	51.53	-10.3282	0.0756	0.5059
936	SLU 64	1.4	0.23	49.22	-9.8905	0.0716	0.4901
936	SLU 65	1.4	0.29	49.22	-9.8919	0.0716	0.4917
936	SLU 66	1.42	0.24	50.03	-10.0435	0.073	0.4999
936	SLU 67	1.43	0.27	50.04	-10.0443	0.073	0.5008
936	SLU 68	1.42	0.29	49.72	-9.9847	0.0724	0.4987
936	SLU 69	1.44	0.24	50.53	-10.1362	0.0738	0.5069
936	SLU 70	1.45	0.27	50.53	-10.1371	0.0738	0.5078
936	SLU 71	1.44	0.23	50.21	-10.0761	0.0732	0.504
936	SLU 72	1.44	0.27	50.21	-10.0769	0.0732	0.505
936	SLU 73	1.47	0.35	53.5	-10.7036	0.0791	0.5168
936	SLU 74	1.49	0.29	54.31	-10.8552	0.0806	0.525
936	SLU 75	1.5	0.33	54.31	-10.856	0.0805	0.5259
936	SLU 76	1.49	0.34	53.99	-10.7964	0.0799	0.5238
936	SLU 77	1.51	0.29	54.81	-10.948	0.0814	0.532
936	SLU 78	1.52	0.33	54.81	-10.9488	0.0813	0.5329
936	SLU 79	1.51	0.29	54.49	-10.8878	0.0808	0.5292
936	SLU 80	1.51	0.32	54.49	-10.8886	0.0808	0.5301
936	SLU 81	1.5	0.31	55.33	-11.0501	0.0824	0.526
936	SLU 82	1.5	0.35	55.33	-11.051	0.0824	0.5269
936	SLU 83	1.52	0.31	55.82	-11.1429	0.0832	0.5329
936	SLU 84	1.52	0.35	55.83	-11.1437	0.0832	0.5339
936	SLE RA 1	1.06	0.16	36.91	-7.4289	0.0534	0.3709



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
936	SLE RA 2	1.06	0.2	36.92	-7.4298	0.0534	0.3719
936	SLE RA 3	1.07	0.17	37.46	-7.5308	0.0543	0.3774
936	SLE RA 4	1.08	0.19	37.46	-7.5314	0.0543	0.378
936	SLE RA 5	1.07	0.2	37.25	-7.4916	0.0539	0.3766
936	SLE RA 6	1.09	0.17	37.79	-7.5927	0.0549	0.382
936	SLE RA 7	1.09	0.19	37.79	-7.5932	0.0549	0.3827
936	SLE RA 8	1.08	0.16	37.58	-7.5526	0.0545	0.3802
936	SLE RA 9	1.08	0.18	37.58	-7.5531	0.0545	0.3808
936	SLE RA 10	1.11	0.24	39.77	-7.9709	0.0584	0.3887
936	SLE RA 11	1.12	0.2	40.31	-8.072	0.0594	0.3941
936	SLE RA 12	1.12	0.23	40.31	-8.0725	0.0594	0.3947
936	SLE RA 13	1.12	0.24	40.1	-8.0328	0.059	0.3933
936	SLE RA 14	1.14	0.2	40.64	-8.1338	0.0599	0.3988
936	SLE RA 15	1.14	0.23	40.64	-8.1344	0.0599	0.3994
936	SLE RA 16	1.13	0.2	40.43	-8.0937	0.0595	0.3969
936	SLE RA 17	1.13	0.22	40.43	-8.0943	0.0595	0.3975
936	SLE RA 18	1.12	0.22	40.99	-8.2019	0.0606	0.3948
936	SLE RA 19	1.13	0.24	40.99	-8.2025	0.0606	0.3954
936	SLE RA 20	1.14	0.22	41.32	-8.2638	0.0612	0.3994
936	SLE RA 21	1.14	0.24	41.32	-8.2643	0.0611	0.4001
936	SLE FR 1	1.06	0.16	36.91	-7.4289	0.0534	0.3709
936	SLE FR 2	1.06	0.17	36.91	-7.429	0.0534	0.3711
936	SLE FR 3	1.06	0.16	37.05	-7.4536	0.0537	0.3727
936	SLE FR 4	1.08	0.19	38.14	-7.661	0.0556	0.3782
936	SLE FR 5	1.08	0.18	38.27	-7.6855	0.0558	0.3799
936	SLE FR 6	1.09	0.19	38.95	-7.8154	0.057	0.3828
936	SLE QP 1	1.06	0.16	36.91	-7.4289	0.0534	0.3709
936	SLE QP 2	1.08	0.18	38.14	-7.6608	0.0556	0.378
936	SLD 1	4.88	0.2	33.35	-7.1493	0.0637	1.7068
936	SLD 2	4.5	0.6	32.89	-7.0671	0.0634	1.5747
936	SLD 3	4.92	-0.78	34.06	-7.2693	0.0656	1.7214
936	SLD 4	4.54	-0.39	33.6	-7.187	0.0653	1.5893
936	SLD 5	2.22	1.61	35.72	-7.3402	0.0553	0.7781
936	SLD 6	1.97	1.87	35.41	-7.286	0.0551	0.6912
936	SLD 7	2.36	-1.67	38.06	-7.74	0.0614	0.8269
936	SLD 8	2.11	-1.41	37.76	-7.6858	0.0612	0.7399
936	SLD 9	0.04	1.77	38.51	-7.6357	0.05	0.0161
936	SLD 10	-0.21	2.03	38.21	-7.5816	0.0498	-0.0708
936	SLD 11	0.18	-1.51	40.86	-8.0356	0.0561	0.0649
936	SLD 12	-0.07	-1.25	40.56	-7.9814	0.0559	-0.0221
936	SLD 13	-2.39	0.75	42.68	-8.1346	0.0459	-0.8333
936	SLD 14	-2.77	1.14	42.22	-8.0523	0.0456	-0.9653
936	SLD 15	-2.35	-0.24	43.38	-8.2545	0.0478	-0.8186
936	SLD 16	-2.72	0.16	42.92	-8.1722	0.0475	-0.9507
936	SLV 1	9.97	0.2	26.96	-6.4661	0.0747	3.4864
936	SLV 2	9.08	1.12	25.89	-6.2745	0.0739	3.1789
936	SLV 3	10.07	-2.03	28.56	-6.7408	0.0789	3.5206
936	SLV 4	9.18	-1.12	27.49	-6.5493	0.0781	3.2131
936	SLV 5	3.75	3.42	32.55	-6.9189	0.0551	1.3121
936	SLV 6	3.18	4.01	31.85	-6.7949	0.0547	1.1131
936	SLV 7	4.07	-4.03	37.87	-7.8348	0.069	1.426
936	SLV 8	3.5	-3.44	37.18	-7.7108	0.0685	1.227
936	SLV 9	-1.35	3.8	39.1	-7.6107	0.0427	-0.4709
936	SLV 10	-1.92	4.39	38.4	-7.4868	0.0422	-0.6699
936	SLV 11	-1.02	-3.65	44.42	-8.5267	0.0565	-0.3571
936	SLV 12	-1.6	-3.06	43.72	-8.4027	0.056	-0.556
936	SLV 13	-7.03	1.48	48.79	-8.7723	0.0331	-2.457
936	SLV 14	-7.91	2.39	47.71	-8.5807	0.0323	-2.7645
936	SLV 15	-6.93	-0.76	50.38	-9.0471	0.0372	-2.4228
936	SLV 16	-7.82	0.16	49.31	-8.8555	0.0365	-2.7304
936	CRTFP Ux+	0	0	0	0	0	0
936	CRTFP Ux-	0	0	0	0	0	0
936	CRTFP Uy+	0	0	0	0	0	0
936	CRTFP Uy-	0	0	0	0	0	0
937	SLU 1	1.04	0.19	34.35	-6.0143	0.0384	0.3663
937	SLU 2	1.05	0.25	34.36	-6.016	0.0383	0.368
937	SLU 3	1.07	0.19	35.13	-6.1365	0.0394	0.3762
937	SLU 4	1.07	0.23	35.14	-6.1375	0.0393	0.3772
937	SLU 5	1.07	0.24	34.83	-6.0902	0.0389	0.375
937	SLU 6	1.09	0.19	35.61	-6.2108	0.0399	0.3832
937	SLU 7	1.09	0.23	35.61	-6.2118	0.0399	0.3842
937	SLU 8	1.08	0.18	35.3	-6.1629	0.0395	0.3804
937	SLU 9	1.08	0.22	35.31	-6.1639	0.0395	0.3814
937	SLU 10	1.12	0.31	38.43	-6.6662	0.0442	0.3932
937	SLU 11	1.14	0.25	39.21	-6.7868	0.0452	0.4014
937	SLU 12	1.14	0.29	39.21	-6.7878	0.0452	0.4024
937	SLU 13	1.14	0.31	38.91	-6.7405	0.0448	0.4002
937	SLU 14	1.16	0.25	39.69	-6.8611	0.0458	0.4084
937	SLU 15	1.16	0.29	39.69	-6.8621	0.0458	0.4094
937	SLU 16	1.15	0.25	39.38	-6.8131	0.0454	0.4056
937	SLU 17	1.16	0.28	39.38	-6.8141	0.0454	0.4066
937	SLU 18	1.14	0.27	40.17	-6.9433	0.0467	0.4023
937	SLU 19	1.15	0.31	40.18	-6.9443	0.0467	0.4033
937	SLU 20	1.16	0.27	40.65	-7.0176	0.0473	0.4093
937	SLU 21	1.17	0.31	40.65	-7.0186	0.0473	0.4103
937	SLU 22	1.12	0.26	38.44	-6.6671	0.0442	0.3944
937	SLU 23	1.13	0.32	38.45	-6.6688	0.0442	0.3961
937	SLU 24	1.15	0.27	39.23	-6.7894	0.0452	0.4043
937	SLU 25	1.15	0.3	39.23	-6.7903	0.0452	0.4053



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
937	SLU 26	1.15	0.32	38.93	-6.7431	0.0448	0.4031
937	SLU 27	1.17	0.27	39.7	-6.8636	0.0458	0.4113
937	SLU 28	1.17	0.3	39.71	-6.8646	0.0458	0.4124
937	SLU 29	1.16	0.26	39.39	-6.8157	0.0454	0.4085
937	SLU 30	1.16	0.3	39.4	-6.8167	0.0454	0.4095
937	SLU 31	1.2	0.38	42.53	-7.3191	0.0501	0.4213
937	SLU 32	1.22	0.33	43.3	-7.4396	0.0511	0.4295
937	SLU 33	1.22	0.36	43.31	-7.4406	0.0511	0.4305
937	SLU 34	1.22	0.38	43	-7.3933	0.0506	0.4283
937	SLU 35	1.24	0.33	43.78	-7.5139	0.0517	0.4365
937	SLU 36	1.24	0.36	43.78	-7.5149	0.0517	0.4375
937	SLU 37	1.23	0.32	43.47	-7.466	0.0513	0.4337
937	SLU 38	1.24	0.36	43.48	-7.4669	0.0513	0.4347
937	SLU 39	1.22	0.35	44.27	-7.5961	0.0526	0.4304
937	SLU 40	1.23	0.39	44.27	-7.5971	0.0526	0.4314
937	SLU 41	1.24	0.35	44.74	-7.6704	0.0532	0.4374
937	SLU 42	1.25	0.39	44.75	-7.6714	0.0532	0.4385
937	SLU 43	1.33	0.22	43.25	-7.5948	0.0479	0.4666
937	SLU 44	1.33	0.28	43.26	-7.5964	0.0478	0.4682
937	SLU 45	1.36	0.22	44.03	-7.717	0.0488	0.4764
937	SLU 46	1.36	0.26	44.04	-7.718	0.0488	0.4775
937	SLU 47	1.35	0.27	43.73	-7.6707	0.0484	0.4753
937	SLU 48	1.38	0.22	44.51	-7.7913	0.0494	0.4835
937	SLU 49	1.38	0.26	44.51	-7.7923	0.0494	0.4845
937	SLU 50	1.37	0.21	44.2	-7.7433	0.049	0.4806
937	SLU 51	1.37	0.25	44.21	-7.7443	0.049	0.4817
937	SLU 52	1.4	0.34	47.33	-8.2467	0.0537	0.4934
937	SLU 53	1.43	0.28	48.11	-8.3673	0.0547	0.5016
937	SLU 54	1.43	0.32	48.12	-8.3683	0.0547	0.5026
937	SLU 55	1.42	0.34	47.81	-8.321	0.0543	0.5005
937	SLU 56	1.45	0.28	48.59	-8.4416	0.0553	0.5087
937	SLU 57	1.45	0.32	48.59	-8.4426	0.0553	0.5097
937	SLU 58	1.44	0.28	48.28	-8.3936	0.0549	0.5058
937	SLU 59	1.44	0.31	48.28	-8.3946	0.0549	0.5068
937	SLU 60	1.43	0.3	49.08	-8.5238	0.0562	0.5025
937	SLU 61	1.43	0.34	49.08	-8.5247	0.0562	0.5036
937	SLU 62	1.45	0.3	49.55	-8.598	0.0568	0.5096
937	SLU 63	1.45	0.34	49.56	-8.599	0.0568	0.5106
937	SLU 64	1.41	0.29	47.34	-8.2476	0.0537	0.4947
937	SLU 65	1.41	0.35	47.35	-8.2493	0.0537	0.4964
937	SLU 66	1.44	0.3	48.13	-8.3698	0.0547	0.5046
937	SLU 67	1.44	0.33	48.13	-8.3708	0.0547	0.5056
937	SLU 68	1.43	0.35	47.83	-8.3235	0.0543	0.5034
937	SLU 69	1.46	0.3	48.6	-8.4441	0.0553	0.5116
937	SLU 70	1.46	0.33	48.61	-8.4451	0.0553	0.5126
937	SLU 71	1.45	0.29	48.3	-8.3961	0.0549	0.5088
937	SLU 72	1.45	0.33	48.3	-8.3971	0.0549	0.5098
937	SLU 73	1.48	0.41	51.43	-8.8995	0.0596	0.5215
937	SLU 74	1.51	0.36	52.21	-9.0201	0.0606	0.5297
937	SLU 75	1.51	0.39	52.21	-9.0211	0.0606	0.5308
937	SLU 76	1.5	0.41	51.9	-8.9738	0.0601	0.5286
937	SLU 77	1.53	0.36	52.68	-9.0944	0.0612	0.5368
937	SLU 78	1.53	0.39	52.68	-9.0954	0.0612	0.5378
937	SLU 79	1.52	0.35	52.37	-9.0464	0.0608	0.5339
937	SLU 80	1.52	0.39	52.38	-9.0474	0.0607	0.535
937	SLU 81	1.51	0.38	53.17	-9.1766	0.0621	0.5307
937	SLU 82	1.51	0.42	53.17	-9.1776	0.0621	0.5317
937	SLU 83	1.53	0.38	53.64	-9.2508	0.0627	0.5377
937	SLU 84	1.53	0.41	53.65	-9.2518	0.0627	0.5387
937	SLE RA 1	1.06	0.21	35.52	-6.2008	0.04	0.3743
937	SLE RA 2	1.07	0.25	35.52	-6.2019	0.04	0.3755
937	SLE RA 3	1.08	0.21	36.04	-6.2823	0.0407	0.3809
937	SLE RA 4	1.09	0.24	36.04	-6.283	0.0407	0.3816
937	SLE RA 5	1.08	0.25	35.84	-6.2514	0.0404	0.3802
937	SLE RA 6	1.1	0.21	36.36	-6.3318	0.0411	0.3856
937	SLE RA 7	1.1	0.23	36.36	-6.3325	0.0411	0.3863
937	SLE RA 8	1.09	0.21	36.15	-6.2999	0.0408	0.3837
937	SLE RA 9	1.09	0.23	36.16	-6.3005	0.0408	0.3844
937	SLE RA 10	1.12	0.29	38.24	-6.6355	0.0439	0.3923
937	SLE RA 11	1.13	0.25	38.76	-6.7158	0.0446	0.3977
937	SLE RA 12	1.13	0.28	38.76	-6.7165	0.0446	0.3984
937	SLE RA 13	1.13	0.29	38.56	-6.685	0.0443	0.3969
937	SLE RA 14	1.14	0.25	39.08	-6.7653	0.045	0.4024
937	SLE RA 15	1.15	0.28	39.08	-6.766	0.045	0.4031
937	SLE RA 16	1.14	0.25	38.87	-6.7334	0.0447	0.4005
937	SLE RA 17	1.14	0.27	38.87	-6.734	0.0447	0.4012
937	SLE RA 18	1.13	0.27	39.4	-6.8201	0.0456	0.3983
937	SLE RA 19	1.13	0.29	39.4	-6.8208	0.0456	0.399
937	SLE RA 20	1.15	0.27	39.72	-6.8697	0.046	0.403
937	SLE RA 21	1.15	0.29	39.72	-6.8703	0.046	0.4037
937	SLE FR 1	1.06	0.21	35.52	-6.2008	0.04	0.3743
937	SLE FR 2	1.07	0.22	35.52	-6.201	0.04	0.3746
937	SLE FR 3	1.07	0.21	35.65	-6.2206	0.0402	0.3762
937	SLE FR 4	1.09	0.23	36.68	-6.3868	0.0417	0.3818
937	SLE FR 5	1.09	0.23	36.81	-6.4064	0.0419	0.3834
937	SLE FR 6	1.1	0.24	37.46	-6.5105	0.0428	0.3863
937	SLE QP 1	1.06	0.21	35.52	-6.2008	0.04	0.3743
937	SLE QP 2	1.09	0.23	36.68	-6.3866	0.0417	0.3815
937	SLD 1	4.89	0.22	31.59	-5.9567	0.0544	1.7106



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
937	SLD 2	4.51	0.63	31.14	-5.8877	0.0541	1.5783
937	SLD 3	4.93	-0.78	32.26	-6.0596	0.0555	1.7254
937	SLD 4	4.55	-0.36	31.81	-5.9906	0.0552	1.593
937	SLD 5	2.23	1.65	34.22	-6.1139	0.0439	0.7816
937	SLD 6	1.98	1.93	33.93	-6.0685	0.0437	0.6945
937	SLD 7	2.37	-1.65	36.45	-6.457	0.0476	0.8308
937	SLD 8	2.12	-1.38	36.15	-6.4116	0.0474	0.7436
937	SLD 9	0.05	1.83	37.22	-6.3617	0.036	0.0194
937	SLD 10	-0.2	2.11	36.92	-6.3162	0.0358	-0.0677
937	SLD 11	0.19	-1.47	39.44	-6.7048	0.0397	0.0686
937	SLD 12	-0.06	-1.2	39.14	-6.6593	0.0396	-0.0186
937	SLD 13	-2.38	0.82	41.56	-6.7826	0.0282	-0.83
937	SLD 14	-2.76	1.23	41.11	-6.7136	0.028	-0.9623
937	SLD 15	-2.33	-0.18	42.23	-6.8855	0.0293	-0.8152
937	SLD 16	-2.72	0.24	41.78	-6.8165	0.0291	-0.9476
937	SLV 1	9.97	0.17	24.78	-5.3816	0.0713	3.4908
937	SLV 2	9.09	1.13	23.73	-5.2209	0.0707	3.1827
937	SLV 3	10.07	-2.08	26.3	-5.6198	0.0739	3.5252
937	SLV 4	9.19	-1.12	25.25	-5.4591	0.0733	3.2171
937	SLV 5	3.76	3.45	31	-5.7517	0.0469	1.3156
937	SLV 6	3.18	4.08	30.32	-5.6478	0.0465	1.1162
937	SLV 7	4.08	-4.05	36.05	-6.5457	0.0553	1.4303
937	SLV 8	3.51	-3.42	35.37	-6.4417	0.0549	1.2309
937	SLV 9	-1.34	3.87	38	-6.3315	0.0285	-0.4679
937	SLV 10	-1.91	4.5	37.32	-6.2275	0.0281	-0.6672
937	SLV 11	-1.01	-3.63	43.05	-7.1255	0.037	-0.3531
937	SLV 12	-1.59	-3	42.37	-7.0215	0.0366	-0.5525
937	SLV 13	-7.02	1.57	48.12	-7.3142	0.0102	-2.454
937	SLV 14	-7.9	2.54	47.07	-7.1535	0.0096	-2.7621
937	SLV 15	-6.92	-0.68	49.64	-7.5524	0.0127	-2.4196
937	SLV 16	-7.8	0.29	48.58	-7.3917	0.0121	-2.7277
937	CRTFP Ux+	0	0	0	0	0	0
937	CRTFP Ux-	0	0	0	0	0	0
937	CRTFP Uy+	0	0	0	0	0	0
937	CRTFP Uy-	0	0	0	0	0	0
938	SLU 1	1.05	0.24	33.44	-5.1538	0.0227	0.3694
938	SLU 2	1.05	0.3	33.45	-5.1557	0.0227	0.3712
938	SLU 3	1.08	0.25	34.2	-5.2539	0.0233	0.3794
938	SLU 4	1.08	0.28	34.21	-5.255	0.0232	0.3805
938	SLU 5	1.08	0.3	33.91	-5.2166	0.023	0.3783
938	SLU 6	1.1	0.24	34.66	-5.3148	0.0236	0.3865
938	SLU 7	1.1	0.28	34.67	-5.3159	0.0236	0.3876
938	SLU 8	1.09	0.24	34.36	-5.2757	0.0234	0.3836
938	SLU 9	1.09	0.27	34.37	-5.2768	0.0233	0.3847
938	SLU 10	1.13	0.37	37.38	-5.6871	0.0265	0.3965
938	SLU 11	1.15	0.32	38.13	-5.7853	0.0271	0.4047
938	SLU 12	1.15	0.35	38.14	-5.7864	0.0271	0.4058
938	SLU 13	1.15	0.37	37.84	-5.748	0.0268	0.4036
938	SLU 14	1.17	0.31	38.6	-5.8462	0.0274	0.4118
938	SLU 15	1.17	0.35	38.6	-5.8473	0.0274	0.4129
938	SLU 16	1.16	0.31	38.3	-5.8071	0.0272	0.4089
938	SLU 17	1.16	0.35	38.3	-5.8082	0.0272	0.41
938	SLU 18	1.15	0.34	39.06	-5.913	0.0282	0.4055
938	SLU 19	1.15	0.38	39.06	-5.9141	0.0281	0.4066
938	SLU 20	1.17	0.34	39.52	-5.9739	0.0285	0.4126
938	SLU 21	1.17	0.38	39.53	-5.975	0.0285	0.4137
938	SLU 22	1.13	0.32	37.39	-5.6869	0.0265	0.3977
938	SLU 23	1.13	0.38	37.4	-5.6888	0.0265	0.3995
938	SLU 24	1.16	0.33	38.15	-5.787	0.0271	0.4077
938	SLU 25	1.16	0.36	38.15	-5.7881	0.027	0.4087
938	SLU 26	1.16	0.38	37.86	-5.7497	0.0268	0.4066
938	SLU 27	1.18	0.33	38.61	-5.8479	0.0274	0.4148
938	SLU 28	1.18	0.36	38.62	-5.849	0.0274	0.4159
938	SLU 29	1.17	0.32	38.31	-5.8087	0.0272	0.4119
938	SLU 30	1.17	0.36	38.32	-5.8099	0.0271	0.413
938	SLU 31	1.21	0.45	41.33	-6.2202	0.0303	0.4248
938	SLU 32	1.23	0.4	42.08	-6.3184	0.0309	0.433
938	SLU 33	1.23	0.44	42.09	-6.3195	0.0309	0.434
938	SLU 34	1.23	0.45	41.79	-6.2811	0.0306	0.4319
938	SLU 35	1.25	0.4	42.54	-6.3793	0.0312	0.4401
938	SLU 36	1.25	0.43	42.55	-6.3804	0.0312	0.4411
938	SLU 37	1.24	0.39	42.25	-6.3402	0.031	0.4372
938	SLU 38	1.24	0.43	42.25	-6.3413	0.031	0.4383
938	SLU 39	1.23	0.42	43.01	-6.4461	0.032	0.4338
938	SLU 40	1.23	0.46	43.01	-6.4472	0.0319	0.4349
938	SLU 41	1.25	0.42	43.47	-6.507	0.0323	0.4409
938	SLU 42	1.26	0.46	43.47	-6.5081	0.0323	0.442
938	SLU 43	1.34	0.28	42.12	-6.5172	0.0282	0.4705
938	SLU 44	1.34	0.34	42.13	-6.5191	0.0282	0.4723
938	SLU 45	1.37	0.29	42.88	-6.6173	0.0288	0.4805
938	SLU 46	1.37	0.33	42.88	-6.6184	0.0287	0.4816
938	SLU 47	1.36	0.34	42.59	-6.58	0.0285	0.4794
938	SLU 48	1.39	0.29	43.34	-6.6782	0.0291	0.4876
938	SLU 49	1.39	0.32	43.35	-6.6793	0.0291	0.4887
938	SLU 50	1.38	0.28	43.04	-6.639	0.0289	0.4848
938	SLU 51	1.38	0.32	43.05	-6.6402	0.0288	0.4858
938	SLU 52	1.41	0.42	46.06	-7.0505	0.032	0.4976
938	SLU 53	1.44	0.36	46.81	-7.1487	0.0326	0.5058
938	SLU 54	1.44	0.4	46.82	-7.1498	0.0326	0.5069



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
938	SLU 55	1.43	0.41	46.52	-7.1114	0.0323	0.5047
938	SLU 56	1.46	0.36	47.27	-7.2096	0.0329	0.5129
938	SLU 57	1.46	0.4	47.28	-7.2107	0.0329	0.514
938	SLU 58	1.45	0.35	46.98	-7.1705	0.0327	0.51
938	SLU 59	1.45	0.39	46.98	-7.1716	0.0327	0.5111
938	SLU 60	1.44	0.38	47.74	-7.2764	0.0337	0.5067
938	SLU 61	1.44	0.42	47.74	-7.2775	0.0336	0.5077
938	SLU 62	1.46	0.38	48.2	-7.3373	0.034	0.5138
938	SLU 63	1.46	0.42	48.2	-7.3384	0.034	0.5148
938	SLU 64	1.42	0.37	46.07	-7.0503	0.032	0.4988
938	SLU 65	1.42	0.43	46.08	-7.0522	0.032	0.5006
938	SLU 66	1.45	0.37	46.83	-7.1503	0.0326	0.5088
938	SLU 67	1.45	0.41	46.83	-7.1515	0.0325	0.5099
938	SLU 68	1.44	0.43	46.54	-7.1131	0.0323	0.5077
938	SLU 69	1.47	0.37	47.29	-7.2112	0.0329	0.5159
938	SLU 70	1.47	0.41	47.29	-7.2124	0.0329	0.517
938	SLU 71	1.46	0.36	46.99	-7.1721	0.0327	0.513
938	SLU 72	1.46	0.4	47	-7.1732	0.0326	0.5141
938	SLU 73	1.49	0.5	50.01	-7.5836	0.0358	0.5259
938	SLU 74	1.52	0.44	50.76	-7.6818	0.0364	0.5341
938	SLU 75	1.52	0.48	50.77	-7.6829	0.0364	0.5352
938	SLU 76	1.51	0.5	50.47	-7.6445	0.0361	0.533
938	SLU 77	1.54	0.44	51.22	-7.7427	0.0367	0.5412
938	SLU 78	1.54	0.48	51.23	-7.7438	0.0367	0.5423
938	SLU 79	1.53	0.43	50.92	-7.7035	0.0365	0.5383
938	SLU 80	1.53	0.47	50.93	-7.7047	0.0365	0.5394
938	SLU 81	1.52	0.47	51.69	-7.8095	0.0375	0.5349
938	SLU 82	1.52	0.5	51.69	-7.8106	0.0374	0.536
938	SLU 83	1.54	0.47	52.15	-7.8704	0.0378	0.542
938	SLU 84	1.54	0.5	52.15	-7.8715	0.0378	0.5431
938	SLE RA 1	1.07	0.26	34.57	-5.3061	0.0238	0.3775
938	SLE RA 2	1.08	0.3	34.57	-5.3074	0.0238	0.3787
938	SLE RA 3	1.09	0.27	35.08	-5.3728	0.0242	0.3841
938	SLE RA 4	1.09	0.29	35.08	-5.3736	0.0241	0.3849
938	SLE RA 5	1.09	0.3	34.88	-5.348	0.024	0.3834
938	SLE RA 6	1.11	0.27	35.38	-5.4134	0.0244	0.3889
938	SLE RA 7	1.11	0.29	35.39	-5.4142	0.0244	0.3896
938	SLE RA 8	1.1	0.26	35.18	-5.3874	0.0242	0.387
938	SLE RA 9	1.1	0.29	35.19	-5.3881	0.0242	0.3877
938	SLE RA 10	1.12	0.35	37.2	-5.6617	0.0263	0.3955
938	SLE RA 11	1.14	0.31	37.7	-5.7271	0.0267	0.401
938	SLE RA 12	1.14	0.34	37.7	-5.7279	0.0267	0.4017
938	SLE RA 13	1.14	0.35	37.5	-5.7023	0.0265	0.4003
938	SLE RA 14	1.15	0.31	38.01	-5.7677	0.0269	0.4057
938	SLE RA 15	1.15	0.34	38.01	-5.7685	0.0269	0.4065
938	SLE RA 16	1.15	0.31	37.81	-5.7416	0.0268	0.4038
938	SLE RA 17	1.15	0.33	37.81	-5.7424	0.0268	0.4045
938	SLE RA 18	1.14	0.33	38.31	-5.8123	0.0274	0.4016
938	SLE RA 19	1.14	0.35	38.32	-5.813	0.0274	0.4023
938	SLE RA 20	1.15	0.33	38.62	-5.8529	0.0276	0.4063
938	SLE RA 21	1.16	0.35	38.63	-5.8536	0.0276	0.407
938	SLE FR 1	1.07	0.26	34.57	-5.3061	0.0238	0.3775
938	SLE FR 2	1.07	0.27	34.57	-5.3064	0.0238	0.3777
938	SLE FR 3	1.08	0.26	34.69	-5.3224	0.0239	0.3794
938	SLE FR 4	1.09	0.29	35.69	-5.4582	0.0249	0.385
938	SLE FR 5	1.1	0.28	35.82	-5.4742	0.025	0.3866
938	SLE FR 6	1.11	0.3	36.44	-5.5592	0.0256	0.3895
938	SLE QP 1	1.07	0.26	34.57	-5.3061	0.0238	0.3775
938	SLE QP 2	1.09	0.28	35.69	-5.458	0.0249	0.3847
938	SLD 1	4.89	0.26	30.16	-5.0215	0.042	1.7139
938	SLD 2	4.51	0.7	29.71	-4.9639	0.0419	1.5815
938	SLD 3	4.93	-0.75	30.81	-5.1177	0.0425	1.7288
938	SLD 4	4.55	-0.32	30.36	-5.0601	0.0424	1.5963
938	SLD 5	2.24	1.74	33.13	-5.1915	0.0293	0.7846
938	SLD 6	1.99	2.02	32.84	-5.1535	0.0292	0.6974
938	SLD 7	2.38	-1.64	35.29	-5.5121	0.0309	0.8342
938	SLD 8	2.13	-1.36	34.99	-5.4742	0.0308	0.747
938	SLD 9	0.06	1.92	36.39	-5.4418	0.0189	0.0224
938	SLD 10	-0.19	2.21	36.09	-5.4039	0.0189	-0.0648
938	SLD 11	0.2	-1.46	38.55	-5.7624	0.0205	0.072
938	SLD 12	-0.05	-1.17	38.25	-5.7245	0.0205	-0.0152
938	SLD 13	-2.37	0.88	41.02	-5.8559	0.0074	-0.8269
938	SLD 14	-2.75	1.32	40.58	-5.7983	0.0073	-0.9593
938	SLD 15	-2.32	-0.13	41.67	-5.9521	0.0079	-0.812
938	SLD 16	-2.71	0.31	41.23	-5.8945	0.0078	-0.9445
938	SLV 1	9.98	0.19	22.76	-4.437	0.0649	3.4942
938	SLV 2	9.09	1.22	21.72	-4.3028	0.0647	3.1857
938	SLV 3	10.08	-2.1	24.23	-4.661	0.066	3.5289
938	SLV 4	9.19	-1.08	23.19	-4.5268	0.0658	3.2205
938	SLV 5	3.76	3.57	29.76	-4.8352	0.0353	1.3184
938	SLV 6	3.19	4.23	29.09	-4.7484	0.0351	1.1188
938	SLV 7	4.09	-4.1	34.66	-5.5819	0.0389	1.4342
938	SLV 8	3.52	-3.44	33.99	-5.4951	0.0388	1.2346
938	SLV 9	-1.33	4	37.39	-5.4208	0.011	-0.4652
938	SLV 10	-1.91	4.66	36.72	-5.334	0.0109	-0.6648
938	SLV 11	-1	-3.66	42.29	-6.1676	0.0146	-0.3494
938	SLV 12	-1.58	-3	41.62	-6.0807	0.0145	-0.5489
938	SLV 13	-7.01	1.65	48.19	-6.3891	-0.016	-2.451
938	SLV 14	-7.89	2.67	47.15	-6.2549	-0.0162	-2.7595



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
938	SLV 15	-6.91	-0.65	49.66	-6.6131	-0.0149	-2.4163
938	SLV 16	-7.79	0.37	48.62	-6.479	-0.0151	-2.7247
938	CRTFP Ux+	0	0	0	0	0	0
938	CRTFP Ux-	0	0	0	0	0	0
938	CRTFP Uy+	0	0	0	0	0	0
938	CRTFP Uy-	0	0	0	0	0	0
939	SLU 1	1.06	0.3	33.01	-4.6444	0.0059	0.372
939	SLU 2	1.06	0.37	33.02	-4.6465	0.0059	0.3739
939	SLU 3	1.09	0.31	33.76	-4.7314	0.0061	0.3821
939	SLU 4	1.09	0.35	33.77	-4.7327	0.006	0.3832
939	SLU 5	1.08	0.37	33.48	-4.6996	0.0059	0.3811
939	SLU 6	1.11	0.31	34.22	-4.7845	0.0061	0.3892
939	SLU 7	1.11	0.35	34.23	-4.7858	0.0061	0.3904
939	SLU 8	1.1	0.3	33.93	-4.7506	0.006	0.3863
939	SLU 9	1.1	0.34	33.93	-4.7519	0.006	0.3875
939	SLU 10	1.13	0.45	36.88	-5.105	0.0075	0.3993
939	SLU 11	1.16	0.39	37.62	-5.19	0.0077	0.4074
939	SLU 12	1.16	0.43	37.62	-5.1912	0.0077	0.4086
939	SLU 13	1.15	0.45	37.33	-5.1581	0.0076	0.4064
939	SLU 14	1.18	0.39	38.07	-5.2431	0.0078	0.4146
939	SLU 15	1.18	0.43	38.08	-5.2443	0.0077	0.4157
939	SLU 16	1.17	0.38	37.78	-5.2091	0.0077	0.4117
939	SLU 17	1.17	0.42	37.78	-5.2104	0.0077	0.4128
939	SLU 18	1.16	0.42	38.52	-5.2994	0.0083	0.4082
939	SLU 19	1.16	0.46	38.52	-5.3007	0.0083	0.4094
939	SLU 20	1.18	0.42	38.97	-5.3525	0.0083	0.4154
939	SLU 21	1.18	0.46	38.98	-5.3538	0.0083	0.4165
939	SLU 22	1.14	0.39	36.88	-5.1041	0.0075	0.4004
939	SLU 23	1.14	0.46	36.89	-5.1062	0.0075	0.4023
939	SLU 24	1.17	0.4	37.63	-5.1912	0.0076	0.4105
939	SLU 25	1.17	0.44	37.64	-5.1924	0.0076	0.4116
939	SLU 26	1.16	0.46	37.35	-5.1593	0.0075	0.4095
939	SLU 27	1.19	0.4	38.09	-5.2443	0.0077	0.4177
939	SLU 28	1.19	0.44	38.1	-5.2456	0.0077	0.4188
939	SLU 29	1.18	0.39	37.8	-5.2104	0.0076	0.4147
939	SLU 30	1.18	0.43	37.8	-5.2116	0.0076	0.4159
939	SLU 31	1.21	0.54	40.74	-5.5648	0.0091	0.4277
939	SLU 32	1.24	0.48	41.49	-5.6497	0.0093	0.4359
939	SLU 33	1.24	0.52	41.49	-5.651	0.0093	0.437
939	SLU 34	1.23	0.54	41.2	-5.6179	0.0092	0.4348
939	SLU 35	1.26	0.48	41.94	-5.7028	0.0093	0.443
939	SLU 36	1.26	0.52	41.95	-5.7041	0.0093	0.4442
939	SLU 37	1.25	0.47	41.65	-5.6689	0.0093	0.4401
939	SLU 38	1.25	0.51	41.65	-5.6702	0.0093	0.4412
939	SLU 39	1.24	0.51	42.39	-5.7592	0.0099	0.4367
939	SLU 40	1.24	0.55	42.39	-5.7604	0.0099	0.4378
939	SLU 41	1.26	0.51	42.84	-5.8123	0.0099	0.4438
939	SLU 42	1.26	0.55	42.85	-5.8136	0.0099	0.445
939	SLU 43	1.35	0.36	41.59	-5.88	0.0072	0.4739
939	SLU 44	1.35	0.43	41.6	-5.8821	0.0071	0.4757
939	SLU 45	1.37	0.37	42.34	-5.9671	0.0073	0.4839
939	SLU 46	1.38	0.41	42.35	-5.9684	0.0073	0.4851
939	SLU 47	1.37	0.42	42.06	-5.9353	0.0072	0.4829
939	SLU 48	1.4	0.37	42.8	-6.0202	0.0073	0.4911
939	SLU 49	1.4	0.41	42.8	-6.0215	0.0073	0.4922
939	SLU 50	1.39	0.36	42.5	-5.9863	0.0073	0.4882
939	SLU 51	1.39	0.4	42.51	-5.9875	0.0073	0.4893
939	SLU 52	1.42	0.51	45.45	-6.3407	0.0088	0.5011
939	SLU 53	1.45	0.45	46.19	-6.4256	0.0089	0.5093
939	SLU 54	1.45	0.49	46.2	-6.4269	0.0089	0.5104
939	SLU 55	1.44	0.51	45.91	-6.3938	0.0088	0.5083
939	SLU 56	1.47	0.45	46.65	-6.4788	0.009	0.5165
939	SLU 57	1.47	0.49	46.66	-6.48	0.009	0.5176
939	SLU 58	1.46	0.44	46.36	-6.4448	0.0089	0.5136
939	SLU 59	1.46	0.48	46.36	-6.4461	0.0089	0.5147
939	SLU 60	1.45	0.48	47.09	-6.5351	0.0095	0.5101
939	SLU 61	1.45	0.52	47.1	-6.5364	0.0095	0.5112
939	SLU 62	1.47	0.48	47.55	-6.5882	0.0096	0.5173
939	SLU 63	1.47	0.52	47.56	-6.5895	0.0096	0.5184
939	SLU 64	1.43	0.45	45.46	-6.3398	0.0088	0.5023
939	SLU 65	1.43	0.51	45.47	-6.3419	0.0087	0.5042
939	SLU 66	1.46	0.46	46.21	-6.4269	0.0089	0.5123
939	SLU 67	1.46	0.5	46.22	-6.4281	0.0089	0.5135
939	SLU 68	1.45	0.51	45.93	-6.395	0.0088	0.5113
939	SLU 69	1.48	0.46	46.67	-6.48	0.0089	0.5195
939	SLU 70	1.48	0.49	46.67	-6.4812	0.0089	0.5206
939	SLU 71	1.47	0.45	46.37	-6.446	0.0089	0.5166
939	SLU 72	1.47	0.49	46.38	-6.4473	0.0088	0.5177
939	SLU 73	1.5	0.6	49.32	-6.8004	0.0104	0.5295
939	SLU 74	1.53	0.54	50.06	-6.8854	0.0105	0.5377
939	SLU 75	1.53	0.58	50.07	-6.8867	0.0105	0.5388
939	SLU 76	1.52	0.6	49.78	-6.8536	0.0104	0.5367
939	SLU 77	1.55	0.54	50.52	-6.9385	0.0106	0.5449
939	SLU 78	1.55	0.58	50.53	-6.9398	0.0106	0.546
939	SLU 79	1.54	0.53	50.23	-6.9046	0.0105	0.542
939	SLU 80	1.54	0.57	50.23	-6.9058	0.0105	0.5431
939	SLU 81	1.53	0.57	50.96	-6.9949	0.0111	0.5385
939	SLU 82	1.53	0.61	50.97	-6.9961	0.0111	0.5396
939	SLU 83	1.55	0.57	51.42	-7.048	0.0112	0.5457



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
939	SLU 84	1.55	0.61	51.43	-7.0492	0.0111	0.5468
939	SLE RA 1	1.08	0.33	34.12	-4.7757	0.0064	0.3801
939	SLE RA 2	1.08	0.37	34.13	-4.7771	0.0064	0.3814
939	SLE RA 3	1.1	0.33	34.62	-4.8338	0.0065	0.3868
939	SLE RA 4	1.1	0.36	34.62	-4.8346	0.0064	0.3876
939	SLE RA 5	1.1	0.37	34.43	-4.8125	0.0064	0.3862
939	SLE RA 6	1.11	0.33	34.92	-4.8692	0.0065	0.3916
939	SLE RA 7	1.11	0.36	34.93	-4.87	0.0065	0.3924
939	SLE RA 8	1.11	0.33	34.73	-4.8465	0.0065	0.3897
939	SLE RA 9	1.11	0.35	34.73	-4.8474	0.0064	0.3904
939	SLE RA 10	1.13	0.42	36.69	-5.0828	0.0075	0.3983
939	SLE RA 11	1.15	0.39	37.19	-5.1395	0.0076	0.4037
939	SLE RA 12	1.15	0.41	37.19	-5.1403	0.0075	0.4045
939	SLE RA 13	1.14	0.42	37	-5.1182	0.0075	0.4031
939	SLE RA 14	1.16	0.38	37.49	-5.1749	0.0076	0.4085
939	SLE RA 15	1.16	0.41	37.5	-5.1757	0.0076	0.4093
939	SLE RA 16	1.15	0.38	37.3	-5.1522	0.0076	0.4066
939	SLE RA 17	1.16	0.41	37.3	-5.1531	0.0075	0.4073
939	SLE RA 18	1.15	0.4	37.79	-5.2124	0.008	0.4043
939	SLE RA 19	1.15	0.43	37.79	-5.2133	0.0079	0.405
939	SLE RA 20	1.16	0.4	38.09	-5.2478	0.008	0.4091
939	SLE RA 21	1.16	0.43	38.1	-5.2487	0.008	0.4098
939	SLE FR 1	1.08	0.33	34.12	-4.7757	0.0064	0.3801
939	SLE FR 2	1.08	0.33	34.12	-4.776	0.0064	0.3804
939	SLE FR 3	1.08	0.33	34.24	-4.7899	0.0064	0.382
939	SLE FR 4	1.1	0.36	35.22	-4.907	0.0069	0.3876
939	SLE FR 5	1.11	0.35	35.34	-4.9209	0.0069	0.3893
939	SLE FR 6	1.11	0.37	35.95	-4.9941	0.0072	0.3922
939	SLE QP 1	1.08	0.33	34.12	-4.7757	0.0064	0.3801
939	SLE QP 2	1.1	0.35	35.22	-4.9067	0.0069	0.3874
939	SLD 1	4.9	0.33	29.12	-4.3806	0.0286	1.7164
939	SLD 2	4.52	0.8	28.67	-4.3311	0.0288	1.5839
939	SLD 3	4.94	-0.72	29.76	-4.4732	0.028	1.7314
939	SLD 4	4.56	-0.25	29.31	-4.4237	0.0281	1.599
939	SLD 5	2.24	1.86	32.49	-4.6174	0.0143	0.787
939	SLD 6	1.99	2.17	32.2	-4.5848	0.0144	0.6998
939	SLD 7	2.39	-1.65	34.64	-4.9259	0.0123	0.8371
939	SLD 8	2.13	-1.34	34.34	-4.8933	0.0123	0.7499
939	SLD 9	0.07	2.04	36.1	-4.9201	0.0014	0.0248
939	SLD 10	-0.19	2.35	35.8	-4.8876	0.0014	-0.0624
939	SLD 11	0.21	-1.47	38.24	-5.2287	-0.0006	0.075
939	SLD 12	-0.04	-1.16	37.95	-5.1961	-0.0006	-0.0123
939	SLD 13	-2.36	0.95	41.13	-5.3898	-0.0144	-0.8242
939	SLD 14	-2.74	1.42	40.68	-5.3403	-0.0143	-0.9567
939	SLD 15	-2.32	-0.1	41.77	-5.4823	-0.015	-0.8092
939	SLD 16	-2.7	0.36	41.32	-5.4329	-0.0149	-0.9416
939	SLV 1	9.98	0.28	20.95	-3.6757	0.0578	3.4964
939	SLV 2	9.09	1.37	19.91	-3.5605	0.0581	3.188
939	SLV 3	10.08	-2.11	22.41	-3.8917	0.0564	3.5315
939	SLV 4	9.2	-1.02	21.37	-3.7765	0.0567	3.2231
939	SLV 5	3.77	3.76	28.91	-4.2297	0.0242	1.3203
939	SLV 6	3.19	4.46	28.23	-4.1552	0.0244	1.1208
939	SLV 7	4.1	-4.2	33.77	-4.9499	0.0196	1.4374
939	SLV 8	3.53	-3.49	33.1	-4.8754	0.0197	1.2378
939	SLV 9	-1.33	4.19	37.34	-4.9381	-0.006	-0.4631
939	SLV 10	-1.9	4.89	36.67	-4.8635	-0.0058	-0.6627
939	SLV 11	-0.99	-3.76	42.21	-5.6583	-0.0107	-0.346
939	SLV 12	-1.57	-3.06	41.53	-5.5838	-0.0105	-0.5456
939	SLV 13	-7	1.72	49.07	-6.0369	-0.043	-2.4483
939	SLV 14	-7.88	2.81	48.03	-5.9217	-0.0427	-2.7568
939	SLV 15	-6.9	-0.67	50.53	-6.253	-0.0444	-2.4132
939	SLV 16	-7.78	0.42	49.49	-6.1378	-0.0441	-2.7217
939	CRTFP Ux+	0	0	0	0	0	0
939	CRTFP Ux-	0	0	0	0	0	0
939	CRTFP Uy+	0	0	0	0	0	0
939	CRTFP Uy-	0	0	0	0	0	0
940	SLU 1	1.06	0.37	33.08	-4.4982	-0.0106	0.374
940	SLU 2	1.07	0.44	33.09	-4.5006	-0.0106	0.376
940	SLU 3	1.09	0.38	33.84	-4.5817	-0.0109	0.3842
940	SLU 4	1.09	0.42	33.84	-4.5832	-0.0109	0.3854
940	SLU 5	1.09	0.44	33.55	-4.5516	-0.0108	0.3832
940	SLU 6	1.11	0.38	34.3	-4.6328	-0.0111	0.3914
940	SLU 7	1.11	0.42	34.3	-4.6342	-0.0111	0.3926
940	SLU 8	1.1	0.37	34	-4.6003	-0.011	0.3885
940	SLU 9	1.11	0.41	34.01	-4.6018	-0.011	0.3896
940	SLU 10	1.14	0.54	36.93	-4.9333	-0.0111	0.4014
940	SLU 11	1.16	0.47	37.67	-5.0144	-0.0114	0.4096
940	SLU 12	1.16	0.52	37.68	-5.0159	-0.0114	0.4108
940	SLU 13	1.16	0.54	37.39	-4.9843	-0.0113	0.4087
940	SLU 14	1.18	0.47	38.13	-5.0655	-0.0116	0.4168
940	SLU 15	1.19	0.52	38.14	-5.0669	-0.0116	0.418
940	SLU 16	1.17	0.47	37.84	-5.033	-0.0115	0.4139
940	SLU 17	1.18	0.51	37.84	-5.0345	-0.0115	0.4151
940	SLU 18	1.16	0.51	38.56	-5.1163	-0.0113	0.4104
940	SLU 19	1.17	0.55	38.57	-5.1178	-0.0113	0.4116
940	SLU 20	1.18	0.51	39.02	-5.1674	-0.0115	0.4176
940	SLU 21	1.19	0.55	39.03	-5.1688	-0.0115	0.4188
940	SLU 22	1.14	0.47	36.94	-4.9321	-0.0112	0.4025
940	SLU 23	1.15	0.54	36.95	-4.9345	-0.0112	0.4045



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
940	SLU 24	1.17	0.48	37.69	-5.0157	-0.0115	0.4127
940	SLU 25	1.17	0.52	37.7	-5.0171	-0.0115	0.4139
940	SLU 26	1.17	0.54	37.41	-4.9856	-0.0114	0.4117
940	SLU 27	1.19	0.48	38.15	-5.0667	-0.0117	0.4199
940	SLU 28	1.19	0.52	38.16	-5.0681	-0.0117	0.4211
940	SLU 29	1.18	0.47	37.86	-5.0343	-0.0116	0.417
940	SLU 30	1.19	0.51	37.86	-5.0357	-0.0116	0.4182
940	SLU 31	1.22	0.64	40.78	-5.3672	-0.0117	0.43
940	SLU 32	1.24	0.57	41.53	-5.4484	-0.012	0.4381
940	SLU 33	1.25	0.61	41.53	-5.4498	-0.012	0.4393
940	SLU 34	1.24	0.64	41.24	-5.4183	-0.0119	0.4372
940	SLU 35	1.26	0.57	41.99	-5.4994	-0.0122	0.4454
940	SLU 36	1.27	0.61	41.99	-5.5008	-0.0122	0.4465
940	SLU 37	1.25	0.57	41.69	-5.467	-0.0121	0.4424
940	SLU 38	1.26	0.61	41.7	-5.4684	-0.0121	0.4436
940	SLU 39	1.24	0.61	42.42	-5.5503	-0.0118	0.4389
940	SLU 40	1.25	0.65	42.42	-5.5517	-0.0119	0.4401
940	SLU 41	1.26	0.61	42.88	-5.6013	-0.0121	0.4461
940	SLU 42	1.27	0.65	42.88	-5.6028	-0.0121	0.4473
940	SLU 43	1.35	0.45	41.69	-5.6989	-0.0135	0.4765
940	SLU 44	1.36	0.52	41.7	-5.7013	-0.0136	0.4784
940	SLU 45	1.38	0.45	42.44	-5.7824	-0.0139	0.4866
940	SLU 46	1.38	0.5	42.45	-5.7838	-0.0139	0.4878
940	SLU 47	1.38	0.52	42.16	-5.7523	-0.0138	0.4856
940	SLU 48	1.4	0.45	42.9	-5.8335	-0.0141	0.4938
940	SLU 49	1.4	0.5	42.91	-5.8349	-0.0141	0.495
940	SLU 50	1.39	0.45	42.61	-5.801	-0.014	0.4909
940	SLU 51	1.4	0.49	42.61	-5.8024	-0.014	0.4921
940	SLU 52	1.43	0.61	45.53	-6.134	-0.0141	0.5039
940	SLU 53	1.45	0.55	46.28	-6.2151	-0.0144	0.512
940	SLU 54	1.46	0.59	46.28	-6.2165	-0.0144	0.5132
940	SLU 55	1.45	0.61	45.99	-6.185	-0.0143	0.5111
940	SLU 56	1.47	0.55	46.73	-6.2662	-0.0146	0.5193
940	SLU 57	1.48	0.59	46.74	-6.2676	-0.0146	0.5204
940	SLU 58	1.46	0.54	46.44	-6.2337	-0.0145	0.5163
940	SLU 59	1.47	0.59	46.45	-6.2351	-0.0145	0.5175
940	SLU 60	1.45	0.58	47.17	-6.317	-0.0142	0.5128
940	SLU 61	1.46	0.63	47.17	-6.3185	-0.0143	0.514
940	SLU 62	1.47	0.58	47.62	-6.3681	-0.0144	0.52
940	SLU 63	1.48	0.63	47.63	-6.3695	-0.0145	0.5212
940	SLU 64	1.43	0.55	45.54	-6.1328	-0.0141	0.505
940	SLU 65	1.44	0.62	45.55	-6.1352	-0.0142	0.507
940	SLU 66	1.46	0.55	46.3	-6.2163	-0.0144	0.5151
940	SLU 67	1.46	0.6	46.3	-6.2178	-0.0145	0.5163
940	SLU 68	1.46	0.62	46.01	-6.1863	-0.0144	0.5142
940	SLU 69	1.48	0.55	46.75	-6.2674	-0.0147	0.5223
940	SLU 70	1.49	0.6	46.76	-6.2688	-0.0147	0.5235
940	SLU 71	1.47	0.55	46.46	-6.2349	-0.0145	0.5194
940	SLU 72	1.48	0.59	46.47	-6.2364	-0.0146	0.5206
940	SLU 73	1.51	0.71	49.39	-6.5679	-0.0147	0.5324
940	SLU 74	1.53	0.65	50.13	-6.649	-0.0149	0.5406
940	SLU 75	1.54	0.69	50.14	-6.6505	-0.015	0.5418
940	SLU 76	1.53	0.71	49.85	-6.619	-0.0149	0.5396
940	SLU 77	1.55	0.65	50.59	-6.7001	-0.0151	0.5478
940	SLU 78	1.56	0.69	50.6	-6.7015	-0.0152	0.549
940	SLU 79	1.55	0.64	50.29	-6.6676	-0.015	0.5448
940	SLU 80	1.55	0.68	50.3	-6.6691	-0.0151	0.546
940	SLU 81	1.53	0.68	51.02	-6.751	-0.0148	0.5413
940	SLU 82	1.54	0.73	51.03	-6.7524	-0.0148	0.5425
940	SLU 83	1.56	0.68	51.48	-6.802	-0.015	0.5485
940	SLU 84	1.56	0.73	51.49	-6.8035	-0.0151	0.5497
940	SLE RA 1	1.08	0.4	34.19	-4.6222	-0.0107	0.3822
940	SLE RA 2	1.09	0.44	34.19	-4.6238	-0.0108	0.3835
940	SLE RA 3	1.1	0.4	34.69	-4.6779	-0.011	0.3889
940	SLE RA 4	1.11	0.43	34.69	-4.6788	-0.0111	0.3897
940	SLE RA 5	1.1	0.45	34.5	-4.6578	-0.0109	0.3883
940	SLE RA 6	1.12	0.4	34.99	-4.7119	-0.0111	0.3938
940	SLE RA 7	1.12	0.43	35	-4.7129	-0.0111	0.3945
940	SLE RA 8	1.11	0.4	34.8	-4.6903	-0.011	0.3918
940	SLE RA 9	1.11	0.43	34.8	-4.6912	-0.011	0.3926
940	SLE RA 10	1.14	0.51	36.75	-4.9122	-0.0111	0.4005
940	SLE RA 11	1.15	0.47	37.24	-4.9663	-0.0113	0.4059
940	SLE RA 12	1.15	0.5	37.25	-4.9673	-0.0113	0.4067
940	SLE RA 13	1.15	0.51	37.05	-4.9463	-0.0112	0.4053
940	SLE RA 14	1.17	0.47	37.55	-5.0004	-0.0114	0.4107
940	SLE RA 15	1.17	0.5	37.55	-5.0013	-0.0114	0.4115
940	SLE RA 16	1.16	0.46	37.35	-4.9787	-0.0113	0.4088
940	SLE RA 17	1.16	0.49	37.36	-4.9797	-0.0114	0.4095
940	SLE RA 18	1.15	0.49	37.84	-5.0343	-0.0112	0.4064
940	SLE RA 19	1.15	0.52	37.84	-5.0352	-0.0112	0.4072
940	SLE RA 20	1.17	0.49	38.14	-5.0683	-0.0113	0.4112
940	SLE RA 21	1.17	0.52	38.15	-5.0693	-0.0114	0.412
940	SLE FR 1	1.08	0.4	34.19	-4.6222	-0.0107	0.3822
940	SLE FR 2	1.09	0.41	34.19	-4.6225	-0.0107	0.3824
940	SLE FR 3	1.09	0.4	34.31	-4.6358	-0.0108	0.3841
940	SLE FR 4	1.11	0.43	35.28	-4.7461	-0.0109	0.3897
940	SLE FR 5	1.11	0.43	35.4	-4.7594	-0.0109	0.3914
940	SLE FR 6	1.12	0.44	36.01	-4.8282	-0.011	0.3943
940	SLE QP 1	1.08	0.4	34.19	-4.6222	-0.0107	0.3822



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
940	SLE QP 2	1.1	0.43	35.28	-4.7458	-0.0109	0.3894
940	SLD 1	4.9	0.44	28.47	-4.0506	0.0153	1.7181
940	SLD 2	4.52	0.94	28.02	-4.0051	0.0157	1.5857
940	SLD 3	4.94	-0.67	29.13	-4.1385	0.0141	1.7333
940	SLD 4	4.56	-0.17	28.67	-4.0929	0.0144	1.6009
940	SLD 5	2.25	2.02	32.33	-4.4122	-0.0012	0.7887
940	SLD 6	1.99	2.35	32.03	-4.3822	-0.001	0.7015
940	SLD 7	2.39	-1.67	34.51	-4.705	-0.0053	0.8394
940	SLD 8	2.14	-1.34	34.21	-4.675	-0.0051	0.7522
940	SLD 9	0.07	2.2	36.35	-4.8166	-0.0167	0.0266
940	SLD 10	-0.18	2.53	36.05	-4.7866	-0.0165	-0.0605
940	SLD 11	0.22	-1.5	38.53	-5.1094	-0.0207	0.0774
940	SLD 12	-0.04	-1.17	38.23	-5.0794	-0.0205	-0.0098
940	SLD 13	-2.35	1.02	41.89	-5.3987	-0.0362	-0.822
940	SLD 14	-2.73	1.52	41.43	-5.3531	-0.0359	-0.9544
940	SLD 15	-2.31	-0.09	42.54	-5.4865	-0.0374	-0.8068
940	SLD 16	-2.69	0.41	42.09	-5.441	-0.0371	-0.9392
940	SLV 1	9.98	0.42	19.37	-3.119	0.0504	3.4977
940	SLV 2	9.09	1.58	18.31	-3.0129	0.0512	3.1894
940	SLV 3	10.08	-2.1	20.86	-3.3242	0.0476	3.5332
940	SLV 4	9.2	-0.93	19.8	-3.2181	0.0484	3.2249
940	SLV 5	3.77	4.03	28.44	-3.9651	0.0116	1.3215
940	SLV 6	3.19	4.79	27.76	-3.8964	0.0121	1.122
940	SLV 7	4.11	-4.35	33.39	-4.6489	0.0023	1.44
940	SLV 8	3.53	-3.59	32.7	-4.5802	0.0029	1.2405
940	SLV 9	-1.32	4.44	37.86	-4.9114	-0.0246	-0.4616
940	SLV 10	-1.9	5.2	37.17	-4.8428	-0.0241	-0.6611
940	SLV 11	-0.98	-3.94	42.81	-5.5952	-0.0338	-0.3432
940	SLV 12	-1.56	-3.18	42.12	-5.5266	-0.0333	-0.5426
940	SLV 13	-6.99	1.78	50.76	-6.2735	-0.0702	-2.446
940	SLV 14	-7.87	2.95	49.71	-6.1675	-0.0694	-2.7543
940	SLV 15	-6.88	-0.73	52.25	-6.4787	-0.0729	-2.4105
940	SLV 16	-7.77	0.43	51.19	-6.3726	-0.0722	-2.7188
940	CRTFP Ux+	0	0	0	0	0	0
940	CRTFP Ux-	0	0	0	0	0	0
940	CRTFP Uy+	0	0	0	0	0	0
940	CRTFP Uy-	0	0	0	0	0	0
941	SLU 1	1.06	0.45	33.63	-4.7024	-0.0259	0.3754
941	SLU 2	1.07	0.52	33.64	-4.7051	-0.026	0.3775
941	SLU 3	1.09	0.46	34.4	-4.7914	-0.0267	0.3856
941	SLU 4	1.1	0.5	34.4	-4.793	-0.0267	0.3868
941	SLU 5	1.09	0.52	34.11	-4.7596	-0.0264	0.3847
941	SLU 6	1.11	0.46	34.87	-4.8459	-0.0271	0.3928
941	SLU 7	1.12	0.5	34.87	-4.8476	-0.0271	0.3941
941	SLU 8	1.11	0.45	34.57	-4.8114	-0.0268	0.3899
941	SLU 9	1.11	0.5	34.57	-4.813	-0.0269	0.3911
941	SLU 10	1.14	0.64	37.52	-5.157	-0.0284	0.4029
941	SLU 11	1.16	0.57	38.28	-5.2432	-0.0291	0.4111
941	SLU 12	1.17	0.61	38.28	-5.2449	-0.0291	0.4123
941	SLU 13	1.16	0.64	37.99	-5.2115	-0.0289	0.4102
941	SLU 14	1.19	0.57	38.74	-5.2978	-0.0296	0.4183
941	SLU 15	1.19	0.61	38.75	-5.2994	-0.0296	0.4196
941	SLU 16	1.18	0.56	38.44	-5.2632	-0.0293	0.4154
941	SLU 17	1.18	0.61	38.45	-5.2649	-0.0293	0.4166
941	SLU 18	1.17	0.61	39.17	-5.3479	-0.0294	0.4118
941	SLU 19	1.17	0.65	39.18	-5.3495	-0.0295	0.413
941	SLU 20	1.19	0.61	39.64	-5.4024	-0.0299	0.419
941	SLU 21	1.19	0.65	39.65	-5.404	-0.0299	0.4203
941	SLU 22	1.15	0.56	37.53	-5.1559	-0.0285	0.404
941	SLU 23	1.15	0.63	37.54	-5.1586	-0.0286	0.4061
941	SLU 24	1.17	0.57	38.3	-5.2449	-0.0292	0.4142
941	SLU 25	1.18	0.61	38.31	-5.2466	-0.0293	0.4154
941	SLU 26	1.17	0.64	38.01	-5.2131	-0.029	0.4133
941	SLU 27	1.19	0.57	38.77	-5.2994	-0.0297	0.4214
941	SLU 28	1.2	0.61	38.78	-5.3011	-0.0297	0.4227
941	SLU 29	1.19	0.56	38.47	-5.2649	-0.0294	0.4185
941	SLU 30	1.19	0.61	38.48	-5.2666	-0.0295	0.4197
941	SLU 31	1.22	0.75	41.42	-5.6105	-0.031	0.4315
941	SLU 32	1.25	0.68	42.18	-5.6968	-0.0317	0.4397
941	SLU 33	1.25	0.72	42.19	-5.6984	-0.0317	0.4409
941	SLU 34	1.24	0.75	41.89	-5.665	-0.0315	0.4388
941	SLU 35	1.27	0.68	42.65	-5.7513	-0.0322	0.4469
941	SLU 36	1.27	0.73	42.65	-5.7529	-0.0322	0.4482
941	SLU 37	1.26	0.67	42.35	-5.7168	-0.0319	0.444
941	SLU 38	1.26	0.72	42.35	-5.7184	-0.0319	0.4452
941	SLU 39	1.25	0.72	43.07	-5.8014	-0.032	0.4404
941	SLU 40	1.25	0.76	43.08	-5.803	-0.0321	0.4416
941	SLU 41	1.27	0.72	43.54	-5.8559	-0.0325	0.4476
941	SLU 42	1.27	0.77	43.55	-5.8576	-0.0325	0.4489
941	SLU 43	1.36	0.54	42.38	-5.9576	-0.0328	0.4782
941	SLU 44	1.36	0.62	42.39	-5.9603	-0.0329	0.4803
941	SLU 45	1.39	0.55	43.15	-6.0466	-0.0335	0.4884
941	SLU 46	1.39	0.6	43.16	-6.0483	-0.0336	0.4896
941	SLU 47	1.38	0.62	42.86	-6.0148	-0.0333	0.4875
941	SLU 48	1.41	0.55	43.62	-6.1011	-0.034	0.4957
941	SLU 49	1.41	0.6	43.62	-6.1028	-0.034	0.4969
941	SLU 50	1.4	0.55	43.32	-6.0666	-0.0337	0.4927
941	SLU 51	1.4	0.59	43.32	-6.0683	-0.0338	0.4939
941	SLU 52	1.43	0.73	46.27	-6.4122	-0.0353	0.5057



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
941	SLU 53	1.46	0.66	47.03	-6.4985	-0.036	0.5139
941	SLU 54	1.46	0.71	47.03	-6.5001	-0.036	0.5151
941	SLU 55	1.45	0.73	46.74	-6.4667	-0.0358	0.513
941	SLU 56	1.48	0.67	47.5	-6.553	-0.0365	0.5211
941	SLU 57	1.48	0.71	47.5	-6.5546	-0.0365	0.5224
941	SLU 58	1.47	0.66	47.2	-6.5185	-0.0362	0.5182
941	SLU 59	1.47	0.7	47.2	-6.5201	-0.0362	0.5194
941	SLU 60	1.46	0.71	47.92	-6.6031	-0.0363	0.5146
941	SLU 61	1.46	0.75	47.93	-6.6047	-0.0364	0.5158
941	SLU 62	1.48	0.71	48.39	-6.6576	-0.0368	0.5218
941	SLU 63	1.48	0.75	48.4	-6.6593	-0.0368	0.5231
941	SLU 64	1.44	0.65	46.28	-6.4111	-0.0354	0.5068
941	SLU 65	1.44	0.73	46.29	-6.4139	-0.0355	0.5089
941	SLU 66	1.47	0.66	47.05	-6.5001	-0.0361	0.517
941	SLU 67	1.47	0.71	47.06	-6.5018	-0.0362	0.5182
941	SLU 68	1.46	0.73	46.76	-6.4684	-0.0359	0.5161
941	SLU 69	1.49	0.66	47.52	-6.5546	-0.0366	0.5243
941	SLU 70	1.49	0.71	47.53	-6.5563	-0.0366	0.5255
941	SLU 71	1.48	0.66	47.22	-6.5201	-0.0363	0.5213
941	SLU 72	1.48	0.7	47.23	-6.5218	-0.0363	0.5225
941	SLU 73	1.51	0.84	50.17	-6.8657	-0.0379	0.5343
941	SLU 74	1.54	0.78	50.93	-6.952	-0.0386	0.5425
941	SLU 75	1.54	0.82	50.94	-6.9536	-0.0386	0.5437
941	SLU 76	1.53	0.84	50.64	-6.9202	-0.0384	0.5416
941	SLU 77	1.56	0.78	51.4	-7.0065	-0.039	0.5497
941	SLU 78	1.56	0.82	51.4	-7.0081	-0.0391	0.551
941	SLU 79	1.55	0.77	51.1	-6.972	-0.0388	0.5468
941	SLU 80	1.55	0.81	51.1	-6.9736	-0.0388	0.548
941	SLU 81	1.54	0.82	51.82	-7.0566	-0.0389	0.5432
941	SLU 82	1.54	0.86	51.83	-7.0583	-0.0389	0.5444
941	SLU 83	1.56	0.82	52.29	-7.1111	-0.0394	0.5504
941	SLU 84	1.56	0.86	52.3	-7.1128	-0.0394	0.5517
941	SLE RA 1	1.09	0.48	34.74	-4.8319	-0.0267	0.3836
941	SLE RA 2	1.09	0.53	34.75	-4.8338	-0.0267	0.3849
941	SLE RA 3	1.11	0.48	35.26	-4.8913	-0.0272	0.3904
941	SLE RA 4	1.11	0.52	35.26	-4.8924	-0.0272	0.3912
941	SLE RA 5	1.1	0.53	35.06	-4.8701	-0.027	0.3898
941	SLE RA 6	1.12	0.49	35.57	-4.9276	-0.0275	0.3952
941	SLE RA 7	1.12	0.52	35.57	-4.9287	-0.0275	0.396
941	SLE RA 8	1.12	0.48	35.37	-4.9046	-0.0273	0.3932
941	SLE RA 9	1.12	0.51	35.37	-4.9057	-0.0273	0.394
941	SLE RA 10	1.14	0.61	37.34	-5.135	-0.0283	0.4019
941	SLE RA 11	1.15	0.56	37.84	-5.1925	-0.0288	0.4073
941	SLE RA 12	1.16	0.59	37.85	-5.1936	-0.0288	0.4082
941	SLE RA 13	1.15	0.61	37.65	-5.1714	-0.0286	0.4067
941	SLE RA 14	1.17	0.56	38.15	-5.2289	-0.0291	0.4122
941	SLE RA 15	1.17	0.59	38.16	-5.23	-0.0291	0.413
941	SLE RA 16	1.16	0.56	37.95	-5.2059	-0.0289	0.4102
941	SLE RA 17	1.16	0.59	37.96	-5.207	-0.0289	0.411
941	SLE RA 18	1.16	0.59	38.44	-5.2623	-0.029	0.4078
941	SLE RA 19	1.16	0.62	38.44	-5.2634	-0.029	0.4086
941	SLE RA 20	1.17	0.59	38.75	-5.2986	-0.0293	0.4127
941	SLE RA 21	1.17	0.62	38.75	-5.2997	-0.0293	0.4135
941	SLE FR 1	1.09	0.48	34.74	-4.8319	-0.0267	0.3836
941	SLE FR 2	1.09	0.49	34.74	-4.8323	-0.0267	0.3838
941	SLE FR 3	1.09	0.48	34.87	-4.8465	-0.0268	0.3855
941	SLE FR 4	1.11	0.52	35.85	-4.9614	-0.0274	0.3911
941	SLE FR 5	1.11	0.51	35.98	-4.9756	-0.0275	0.3928
941	SLE FR 6	1.12	0.53	36.59	-5.0471	-0.0278	0.3957
941	SLE QP 1	1.09	0.48	34.74	-4.8319	-0.0267	0.3836
941	SLE QP 2	1.11	0.51	35.85	-4.961	-0.0274	0.3908
941	SLD 1	4.9	0.57	28.21	-4.02	0.0031	1.719
941	SLD 2	4.52	1.1	27.75	-3.9738	0.0036	1.5868
941	SLD 3	4.94	-0.62	28.9	-4.1023	0.0013	1.7344
941	SLD 4	4.56	-0.08	28.43	-4.0561	0.0019	1.6022
941	SLD 5	2.25	2.22	32.61	-4.5623	-0.0157	0.7897
941	SLD 6	2	2.58	32.3	-4.5318	-0.0153	0.7026
941	SLD 7	2.39	-1.72	34.88	-4.8365	-0.0215	0.841
941	SLD 8	2.14	-1.36	34.58	-4.806	-0.0212	0.7539
941	SLD 9	0.07	2.38	37.13	-5.1161	-0.0336	0.0278
941	SLD 10	-0.18	2.74	36.82	-5.0856	-0.0332	-0.0593
941	SLD 11	0.22	-1.56	39.4	-5.3903	-0.0394	0.0791
941	SLD 12	-0.03	-1.2	39.09	-5.3598	-0.0391	-0.008
941	SLD 13	-2.35	1.1	43.27	-5.866	-0.0566	-0.8205
941	SLD 14	-2.73	1.64	42.81	-5.8198	-0.056	-0.9528
941	SLD 15	-2.3	-0.08	43.96	-5.9483	-0.0584	-0.8051
941	SLD 16	-2.69	0.46	43.49	-5.9021	-0.0578	-0.9374
941	SLV 1	9.98	0.6	18	-2.7588	0.0438	3.498
941	SLV 2	9.09	1.85	16.91	-2.6512	0.0451	3.19
941	SLV 3	10.08	-2.08	19.54	-2.9507	0.0398	3.5339
941	SLV 4	9.19	-0.83	18.46	-2.8431	0.0411	3.2259
941	SLV 5	3.77	4.38	28.34	-4.028	-0.0001	1.322
941	SLV 6	3.19	5.2	27.64	-3.9584	0.0007	1.1226
941	SLV 7	4.11	-4.55	33.49	-4.6677	-0.0135	1.4417
941	SLV 8	3.53	-3.74	32.79	-4.598	-0.0127	1.2424
941	SLV 9	-1.32	4.76	38.91	-5.3241	-0.042	-0.4607
941	SLV 10	-1.89	5.57	38.21	-5.2544	-0.0412	-0.66
941	SLV 11	-0.98	-4.17	44.07	-5.9637	-0.0554	-0.341
941	SLV 12	-1.55	-3.36	43.36	-5.8941	-0.0546	-0.5403



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
941	SLV 13	-6.98	1.85	53.25	-7.079	-0.0958	-2.4442
941	SLV 14	-7.87	3.1	52.16	-6.9714	-0.0946	-2.7523
941	SLV 15	-6.88	-0.83	54.79	-7.2709	-0.0999	-2.4083
941	SLV 16	-7.77	0.42	53.7	-7.1633	-0.0986	-2.7163
941	CRTFP Ux+	0	0	0	0	0	0
941	CRTFP Ux-	0	0	0	0	0	0
941	CRTFP Uy+	0	0	0	0	0	0
941	CRTFP Uy-	0	0	0	0	0	0
942	SLU 1	1.07	0.53	34.6	-5.2243	-0.039	0.3762
942	SLU 2	1.07	0.62	34.61	-5.2275	-0.0391	0.3783
942	SLU 3	1.1	0.54	35.39	-5.327	-0.0401	0.3864
942	SLU 4	1.1	0.59	35.4	-5.3289	-0.0401	0.3877
942	SLU 5	1.09	0.62	35.1	-5.2905	-0.0397	0.3856
942	SLU 6	1.12	0.54	35.88	-5.3899	-0.0408	0.3937
942	SLU 7	1.12	0.59	35.89	-5.3919	-0.0408	0.395
942	SLU 8	1.11	0.54	35.57	-5.3502	-0.0404	0.3907
942	SLU 9	1.11	0.59	35.58	-5.3521	-0.0404	0.392
942	SLU 10	1.14	0.75	38.59	-5.739	-0.0432	0.4038
942	SLU 11	1.17	0.67	39.37	-5.8385	-0.0442	0.4119
942	SLU 12	1.17	0.72	39.38	-5.8405	-0.0443	0.4132
942	SLU 13	1.16	0.75	39.07	-5.802	-0.0439	0.411
942	SLU 14	1.19	0.68	39.86	-5.9015	-0.0449	0.4192
942	SLU 15	1.19	0.73	39.86	-5.9034	-0.0449	0.4204
942	SLU 16	1.18	0.67	39.55	-5.8617	-0.0445	0.4162
942	SLU 17	1.18	0.72	39.55	-5.8637	-0.0445	0.4175
942	SLU 18	1.17	0.72	40.28	-5.9551	-0.0449	0.4126
942	SLU 19	1.17	0.77	40.29	-5.957	-0.045	0.4139
942	SLU 20	1.19	0.72	40.76	-6.018	-0.0456	0.4198
942	SLU 21	1.19	0.77	40.77	-6.0199	-0.0456	0.4211
942	SLU 22	1.15	0.66	38.6	-5.7383	-0.0433	0.4048
942	SLU 23	1.15	0.74	38.62	-5.7415	-0.0434	0.4069
942	SLU 24	1.18	0.67	39.4	-5.841	-0.0444	0.4151
942	SLU 25	1.18	0.72	39.41	-5.8429	-0.0444	0.4163
942	SLU 26	1.17	0.74	39.1	-5.8044	-0.044	0.4142
942	SLU 27	1.2	0.67	39.88	-5.9039	-0.0451	0.4223
942	SLU 28	1.2	0.72	39.89	-5.9059	-0.0451	0.4236
942	SLU 29	1.19	0.66	39.57	-5.8642	-0.0446	0.4193
942	SLU 30	1.19	0.71	39.58	-5.8661	-0.0447	0.4206
942	SLU 31	1.22	0.87	42.59	-6.253	-0.0475	0.4324
942	SLU 32	1.25	0.8	43.37	-6.3525	-0.0485	0.4405
942	SLU 33	1.25	0.85	43.38	-6.3545	-0.0485	0.4418
942	SLU 34	1.24	0.87	43.08	-6.316	-0.0482	0.4397
942	SLU 35	1.27	0.8	43.86	-6.4155	-0.0492	0.4478
942	SLU 36	1.27	0.85	43.87	-6.4174	-0.0492	0.4491
942	SLU 37	1.26	0.79	43.55	-6.3757	-0.0488	0.4448
942	SLU 38	1.26	0.84	43.56	-6.3776	-0.0488	0.4461
942	SLU 39	1.25	0.84	44.28	-6.4691	-0.0492	0.4412
942	SLU 40	1.25	0.89	44.29	-6.471	-0.0492	0.4425
942	SLU 41	1.27	0.85	44.77	-6.532	-0.0499	0.4485
942	SLU 42	1.27	0.9	44.78	-6.5339	-0.0499	0.4497
942	SLU 43	1.36	0.65	43.6	-6.6153	-0.0493	0.4792
942	SLU 44	1.36	0.74	43.62	-6.6186	-0.0493	0.4813
942	SLU 45	1.39	0.66	44.4	-6.718	-0.0503	0.4895
942	SLU 46	1.39	0.71	44.41	-6.72	-0.0504	0.4907
942	SLU 47	1.38	0.74	44.1	-6.6815	-0.05	0.4886
942	SLU 48	1.41	0.66	44.88	-6.781	-0.051	0.4967
942	SLU 49	1.41	0.71	44.89	-6.7829	-0.051	0.498
942	SLU 50	1.4	0.66	44.57	-6.7412	-0.0506	0.4938
942	SLU 51	1.4	0.71	44.58	-6.7432	-0.0506	0.495
942	SLU 52	1.43	0.87	47.59	-7.1301	-0.0535	0.5068
942	SLU 53	1.46	0.79	48.38	-7.2296	-0.0545	0.5149
942	SLU 54	1.46	0.84	48.38	-7.2315	-0.0545	0.5162
942	SLU 55	1.46	0.87	48.08	-7.1931	-0.0541	0.5141
942	SLU 56	1.48	0.79	48.86	-7.2925	-0.0551	0.5222
942	SLU 57	1.48	0.84	48.87	-7.2945	-0.0552	0.5235
942	SLU 58	1.47	0.79	48.55	-7.2528	-0.0547	0.5192
942	SLU 59	1.47	0.84	48.56	-7.2547	-0.0548	0.5205
942	SLU 60	1.46	0.84	49.28	-7.3461	-0.0552	0.5156
942	SLU 61	1.46	0.89	49.29	-7.348	-0.0552	0.5169
942	SLU 62	1.48	0.84	49.77	-7.4091	-0.0558	0.5229
942	SLU 63	1.48	0.89	49.78	-7.411	-0.0559	0.5242
942	SLU 64	1.44	0.78	47.61	-7.1293	-0.0536	0.5079
942	SLU 65	1.44	0.86	47.62	-7.1326	-0.0536	0.51
942	SLU 66	1.47	0.78	48.4	-7.232	-0.0546	0.5181
942	SLU 67	1.47	0.83	48.41	-7.234	-0.0547	0.5194
942	SLU 68	1.46	0.86	48.11	-7.1955	-0.0543	0.5172
942	SLU 69	1.49	0.79	48.89	-7.295	-0.0553	0.5254
942	SLU 70	1.49	0.84	48.9	-7.2969	-0.0553	0.5266
942	SLU 71	1.48	0.78	48.58	-7.2552	-0.0549	0.5224
942	SLU 72	1.48	0.83	48.59	-7.2572	-0.0549	0.5237
942	SLU 73	1.52	0.99	51.6	-7.6441	-0.0577	0.5355
942	SLU 74	1.54	0.92	52.38	-7.7436	-0.0588	0.5436
942	SLU 75	1.54	0.97	52.39	-7.7455	-0.0588	0.5448
942	SLU 76	1.54	0.99	52.08	-7.707	-0.0584	0.5427
942	SLU 77	1.56	0.92	52.87	-7.8065	-0.0594	0.5508
942	SLU 78	1.56	0.97	52.87	-7.8085	-0.0595	0.5521
942	SLU 79	1.55	0.91	52.56	-7.7668	-0.059	0.5479
942	SLU 80	1.55	0.96	52.56	-7.7687	-0.0591	0.5491
942	SLU 81	1.54	0.96	53.29	-7.8601	-0.0595	0.5442



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
942	SLU 82	1.54	1.01	53.3	-7.862	-0.0595	0.5455
942	SLU 83	1.56	0.96	53.77	-7.9231	-0.0601	0.5515
942	SLU 84	1.56	1.01	53.78	-7.925	-0.0602	0.5528
942	SLE RA 1	1.09	0.57	35.74	-5.3711	-0.0403	0.3844
942	SLE RA 2	1.09	0.63	35.75	-5.3733	-0.0403	0.3858
942	SLE RA 3	1.11	0.58	36.27	-5.4396	-0.041	0.3912
942	SLE RA 4	1.11	0.61	36.28	-5.4409	-0.041	0.392
942	SLE RA 5	1.11	0.63	36.07	-5.4153	-0.0407	0.3906
942	SLE RA 6	1.12	0.58	36.6	-5.4816	-0.0414	0.396
942	SLE RA 7	1.12	0.61	36.6	-5.4829	-0.0414	0.3969
942	SLE RA 8	1.12	0.57	36.39	-5.4551	-0.0411	0.3941
942	SLE RA 9	1.12	0.6	36.39	-5.4564	-0.0412	0.3949
942	SLE RA 10	1.14	0.71	38.4	-5.7143	-0.043	0.4028
942	SLE RA 11	1.16	0.66	38.92	-5.7806	-0.0437	0.4082
942	SLE RA 12	1.16	0.7	38.93	-5.7819	-0.0437	0.409
942	SLE RA 13	1.15	0.71	38.73	-5.7563	-0.0435	0.4076
942	SLE RA 14	1.17	0.66	39.25	-5.8226	-0.0442	0.413
942	SLE RA 15	1.17	0.7	39.25	-5.8239	-0.0442	0.4139
942	SLE RA 16	1.16	0.66	39.04	-5.7961	-0.0439	0.411
942	SLE RA 17	1.17	0.69	39.05	-5.7974	-0.0439	0.4119
942	SLE RA 18	1.16	0.69	39.53	-5.8583	-0.0442	0.4086
942	SLE RA 19	1.16	0.73	39.53	-5.8596	-0.0442	0.4095
942	SLE RA 20	1.17	0.7	39.85	-5.9003	-0.0446	0.4135
942	SLE RA 21	1.17	0.73	39.86	-5.9016	-0.0447	0.4143
942	SLE FR 1	1.09	0.57	35.74	-5.3711	-0.0403	0.3844
942	SLE FR 2	1.09	0.58	35.74	-5.3716	-0.0403	0.3846
942	SLE FR 3	1.09	0.57	35.87	-5.3879	-0.0404	0.3863
942	SLE FR 4	1.11	0.62	36.88	-5.5177	-0.0414	0.3919
942	SLE FR 5	1.11	0.61	37.01	-5.5341	-0.0416	0.3936
942	SLE FR 6	1.12	0.63	37.64	-5.6147	-0.0422	0.3965
942	SLE QP 1	1.09	0.57	35.74	-5.3711	-0.0403	0.3844
942	SLE QP 2	1.11	0.61	36.88	-5.5173	-0.0414	0.3916
942	SLD 1	4.9	0.71	28.29	-4.2576	-0.0072	1.7194
942	SLD 2	4.52	1.3	27.8	-4.2064	-0.0064	1.5872
942	SLD 3	4.94	-0.56	29.01	-4.3363	-0.0094	1.7349
942	SLD 4	4.56	0.03	28.53	-4.2851	-0.0086	1.6028
942	SLD 5	2.25	2.46	33.29	-5.0292	-0.0279	0.7901
942	SLD 6	2	2.84	32.97	-4.9955	-0.0274	0.703
942	SLD 7	2.4	-1.77	35.71	-5.2915	-0.0353	0.8419
942	SLD 8	2.14	-1.39	35.39	-5.2578	-0.0348	0.7549
942	SLD 9	0.07	2.6	38.37	-5.7767	-0.048	0.0284
942	SLD 10	-0.18	2.99	38.05	-5.743	-0.0476	-0.0586
942	SLD 11	0.22	-1.63	40.79	-6.0391	-0.0554	0.0802
942	SLD 12	-0.03	-1.25	40.47	-6.0054	-0.0549	-0.0068
942	SLD 13	-2.34	1.19	45.23	-6.7495	-0.0742	-0.8195
942	SLD 14	-2.73	1.77	44.74	-6.6983	-0.0735	-0.9516
942	SLD 15	-2.3	-0.08	45.95	-6.8282	-0.0764	-0.804
942	SLD 16	-2.68	0.5	45.47	-6.777	-0.0757	-0.9361
942	SLV 1	9.98	0.81	16.8	-2.5695	0.0387	3.4977
942	SLV 2	9.09	2.17	15.67	-2.4503	0.0404	3.19
942	SLV 3	10.08	-2.07	18.44	-2.7524	0.0336	3.534
942	SLV 4	9.19	-0.71	17.31	-2.6332	0.0354	3.2263
942	SLV 5	3.77	4.8	28.56	-4.3763	-0.0101	1.3219
942	SLV 6	3.19	5.68	27.83	-4.2991	-0.0089	1.1227
942	SLV 7	4.11	-4.8	34.03	-4.9859	-0.0268	1.4428
942	SLV 8	3.54	-3.92	33.3	-4.9088	-0.0257	1.2437
942	SLV 9	-1.32	5.13	40.46	-6.1258	-0.0571	-0.4604
942	SLV 10	-1.89	6.01	39.72	-6.0487	-0.056	-0.6595
942	SLV 11	-0.97	-4.46	45.93	-6.7354	-0.0739	-0.3395
942	SLV 12	-1.55	-3.59	45.19	-6.6583	-0.0728	-0.5386
942	SLV 13	-6.97	1.93	56.45	-8.4014	-0.1182	-2.443
942	SLV 14	-7.86	3.28	55.31	-8.2822	-0.1165	-2.7507
942	SLV 15	-6.87	-0.95	58.09	-8.5842	-0.1233	-2.4067
942	SLV 16	-7.76	0.4	56.95	-8.4651	-0.1216	-2.7145
942	CRTFP Ux+	0	0	0	0	0	0
942	CRTFP Ux-	0	0	0	0	0	0
942	CRTFP Uy+	0	0	0	0	0	0
942	CRTFP Uy-	0	0	0	0	0	0
943	SLU 1	0.92	0.54	30.94	-5.0955	0.8327	0.3096
943	SLU 2	0.93	0.62	30.96	-5.0988	0.833	0.3092
943	SLU 3	0.95	0.55	31.66	-5.1994	0.8518	0.3182
943	SLU 4	0.95	0.59	31.67	-5.2014	0.852	0.318
943	SLU 5	0.94	0.62	31.39	-5.1625	0.8447	0.3155
943	SLU 6	0.96	0.55	32.1	-5.2631	0.8635	0.3245
943	SLU 7	0.97	0.59	32.11	-5.2651	0.8637	0.3242
943	SLU 8	0.96	0.54	31.82	-5.223	0.856	0.3221
943	SLU 9	0.96	0.59	31.83	-5.2249	0.8562	0.3219
943	SLU 10	0.99	0.74	34.51	-5.6092	0.9287	0.3275
943	SLU 11	1.01	0.68	35.21	-5.7099	0.9475	0.3365
943	SLU 12	1.01	0.72	35.22	-5.7118	0.9477	0.3362
943	SLU 13	1.01	0.75	34.94	-5.6729	0.9403	0.3337
943	SLU 14	1.03	0.68	35.65	-5.7736	0.9592	0.3427
943	SLU 15	1.03	0.72	35.66	-5.7755	0.9594	0.3425
943	SLU 16	1.02	0.67	35.37	-5.7334	0.9517	0.3403
943	SLU 17	1.02	0.72	35.38	-5.7354	0.9519	0.3401
943	SLU 18	1.01	0.72	36.02	-5.8247	0.9693	0.3357
943	SLU 19	1.01	0.77	36.02	-5.8267	0.9695	0.3354
943	SLU 20	1.03	0.72	36.45	-5.8885	0.981	0.3419
943	SLU 21	1.03	0.77	36.46	-5.8904	0.9812	0.3417



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
943	SLU 22	0.99	0.66	34.52	-5.6089	0.929	0.3309
943	SLU 23	1	0.73	34.53	-5.6121	0.9293	0.3306
943	SLU 24	1.02	0.66	35.24	-5.7128	0.9481	0.3396
943	SLU 25	1.02	0.71	35.25	-5.7147	0.9483	0.3394
943	SLU 26	1.01	0.73	34.97	-5.6758	0.941	0.3368
943	SLU 27	1.03	0.66	35.68	-5.7765	0.9598	0.3458
943	SLU 28	1.04	0.71	35.68	-5.7784	0.96	0.3456
943	SLU 29	1.03	0.66	35.4	-5.7363	0.9524	0.3434
943	SLU 30	1.03	0.7	35.4	-5.7383	0.9526	0.3432
943	SLU 31	1.06	0.86	38.08	-6.1226	1.025	0.3488
943	SLU 32	1.08	0.79	38.79	-6.2232	1.0438	0.3578
943	SLU 33	1.08	0.84	38.8	-6.2252	1.044	0.3576
943	SLU 34	1.07	0.86	38.52	-6.1863	1.0367	0.3551
943	SLU 35	1.1	0.79	39.23	-6.287	1.0555	0.3641
943	SLU 36	1.1	0.84	39.23	-6.2889	1.0557	0.3639
943	SLU 37	1.09	0.79	38.95	-6.2468	1.048	0.3617
943	SLU 38	1.09	0.83	38.95	-6.2487	1.0482	0.3615
943	SLU 39	1.08	0.84	39.59	-6.3381	1.0657	0.357
943	SLU 40	1.08	0.89	39.6	-6.34	1.0659	0.3568
943	SLU 41	1.1	0.84	40.03	-6.4018	1.0774	0.3633
943	SLU 42	1.1	0.89	40.04	-6.4038	1.0776	0.3631
943	SLU 43	1.17	0.66	39	-6.4481	1.0494	0.3951
943	SLU 44	1.18	0.74	39.01	-6.4514	1.0498	0.3948
943	SLU 45	1.2	0.67	39.72	-6.5521	1.0686	0.4038
943	SLU 46	1.2	0.71	39.72	-6.554	1.0688	0.4035
943	SLU 47	1.2	0.74	39.45	-6.5151	1.0614	0.401
943	SLU 48	1.22	0.67	40.15	-6.6158	1.0803	0.41
943	SLU 49	1.22	0.72	40.16	-6.6177	1.0805	0.4098
943	SLU 50	1.21	0.66	39.88	-6.5756	1.0728	0.4076
943	SLU 51	1.21	0.71	39.88	-6.5775	1.073	0.4074
943	SLU 52	1.24	0.87	42.56	-6.9618	1.1454	0.413
943	SLU 53	1.26	0.8	43.27	-7.0625	1.1643	0.422
943	SLU 54	1.26	0.84	43.27	-7.0645	1.1644	0.4218
943	SLU 55	1.26	0.87	43	-7.0256	1.1571	0.4193
943	SLU 56	1.28	0.8	43.7	-7.1262	1.1759	0.4283
943	SLU 57	1.28	0.84	43.71	-7.1282	1.1761	0.428
943	SLU 58	1.27	0.79	43.43	-7.0861	1.1685	0.4259
943	SLU 59	1.27	0.84	43.43	-7.088	1.1687	0.4257
943	SLU 60	1.26	0.84	44.07	-7.1774	1.1861	0.4212
943	SLU 61	1.26	0.89	44.08	-7.1793	1.1863	0.421
943	SLU 62	1.28	0.84	44.51	-7.2411	1.1978	0.4275
943	SLU 63	1.28	0.89	44.52	-7.243	1.198	0.4272
943	SLU 64	1.24	0.78	42.58	-6.9615	1.1458	0.4165
943	SLU 65	1.25	0.85	42.59	-6.9648	1.1461	0.4161
943	SLU 66	1.27	0.78	43.29	-7.0654	1.1649	0.4251
943	SLU 67	1.27	0.83	43.3	-7.0674	1.1651	0.4249
943	SLU 68	1.27	0.86	43.03	-7.0285	1.1578	0.4224
943	SLU 69	1.29	0.79	43.73	-7.1291	1.1766	0.4314
943	SLU 70	1.29	0.83	43.74	-7.1311	1.1768	0.4311
943	SLU 71	1.28	0.78	43.45	-7.089	1.1691	0.429
943	SLU 72	1.28	0.83	43.46	-7.0909	1.1693	0.4288
943	SLU 73	1.31	0.98	46.14	-7.4752	1.2418	0.4344
943	SLU 74	1.33	0.91	46.84	-7.5759	1.2606	0.4434
943	SLU 75	1.33	0.96	46.85	-7.5778	1.2608	0.4432
943	SLU 76	1.33	0.98	46.58	-7.5389	1.2535	0.4406
943	SLU 77	1.35	0.91	47.28	-7.6396	1.2723	0.4496
943	SLU 78	1.35	0.96	47.29	-7.6415	1.2725	0.4494
943	SLU 79	1.34	0.91	47	-7.5994	1.2648	0.4472
943	SLU 80	1.34	0.95	47.01	-7.6014	1.265	0.447
943	SLU 81	1.33	0.96	47.65	-7.6907	1.2824	0.4426
943	SLU 82	1.33	1.01	47.66	-7.6927	1.2826	0.4424
943	SLU 83	1.35	0.96	48.09	-7.7545	1.2941	0.4488
943	SLU 84	1.35	1.01	48.09	-7.7564	1.2943	0.4486
943	SLE RA 1	0.94	0.57	31.97	-5.2422	0.8602	0.3157
943	SLE RA 2	0.94	0.62	31.97	-5.2443	0.8604	0.3154
943	SLE RA 3	0.96	0.58	32.44	-5.3115	0.873	0.3214
943	SLE RA 4	0.96	0.61	32.45	-5.3127	0.8731	0.3213
943	SLE RA 5	0.96	0.62	32.27	-5.2868	0.8682	0.3196
943	SLE RA 6	0.97	0.58	32.74	-5.3539	0.8807	0.3256
943	SLE RA 7	0.97	0.61	32.74	-5.3552	0.8809	0.3255
943	SLE RA 8	0.97	0.57	32.55	-5.3272	0.8758	0.324
943	SLE RA 9	0.97	0.6	32.55	-5.3284	0.8759	0.3239
943	SLE RA 10	0.99	0.71	34.34	-5.5846	0.9242	0.3276
943	SLE RA 11	1	0.66	34.81	-5.6518	0.9367	0.3336
943	SLE RA 12	1	0.69	34.82	-5.6531	0.9369	0.3335
943	SLE RA 13	1	0.71	34.63	-5.6271	0.932	0.3318
943	SLE RA 14	1.01	0.66	35.1	-5.6942	0.9445	0.3378
943	SLE RA 15	1.01	0.69	35.11	-5.6955	0.9447	0.3376
943	SLE RA 16	1.01	0.66	34.92	-5.6675	0.9395	0.3362
943	SLE RA 17	1.01	0.69	34.92	-5.6688	0.9397	0.336
943	SLE RA 18	1	0.69	35.35	-5.7283	0.9513	0.3331
943	SLE RA 19	1	0.73	35.35	-5.7296	0.9514	0.3329
943	SLE RA 20	1.01	0.7	35.64	-5.7708	0.9591	0.3372
943	SLE RA 21	1.01	0.73	35.64	-5.7721	0.9592	0.3371
943	SLE FR 1	0.94	0.57	31.97	-5.2422	0.8602	0.3157
943	SLE FR 2	0.94	0.58	31.97	-5.2426	0.8602	0.3156
943	SLE FR 3	0.95	0.57	32.08	-5.2592	0.8633	0.3174
943	SLE FR 4	0.96	0.62	32.98	-5.3885	0.8876	0.3209
943	SLE FR 5	0.96	0.61	33.1	-5.405	0.8906	0.3226



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
943	SLE FR 6	0.97	0.63	33.66	-5.4853	0.9057	0.3244
943	SLE QP 1	0.94	0.57	31.97	-5.2422	0.8602	0.3157
943	SLE QP 2	0.96	0.61	32.98	-5.388	0.8875	0.3209
943	SLD 1	4.23	0.74	24.71	-4.005	0.6804	1.4682
943	SLD 2	3.9	1.28	24.27	-3.9553	0.6687	1.3387
943	SLD 3	4.27	-0.44	25.38	-4.073	0.6979	1.5024
943	SLD 4	3.94	0.11	24.94	-4.0232	0.6862	1.3728
943	SLD 5	1.94	2.34	29.56	-4.879	0.801	0.6365
943	SLD 6	1.73	2.69	29.27	-4.8462	0.7933	0.5512
943	SLD 7	2.07	-1.59	31.8	-5.1055	0.8592	0.7504
943	SLD 8	1.85	-1.23	31.51	-5.0727	0.8515	0.6651
943	SLD 9	0.06	2.45	34.45	-5.7033	0.9236	-0.0233
943	SLD 10	-0.15	2.8	34.16	-5.6705	0.9158	-0.1086
943	SLD 11	0.19	-1.48	36.69	-5.9299	0.9817	0.0906
943	SLD 12	-0.02	-1.12	36.4	-5.8971	0.974	0.0053
943	SLD 13	-2.02	1.11	41.02	-6.7528	1.0889	-0.731
943	SLD 14	-2.35	1.65	40.58	-6.703	1.0772	-0.8606
943	SLD 15	-1.99	-0.07	41.69	-6.8208	1.1063	-0.6968
943	SLD 16	-2.32	0.47	41.25	-6.771	1.0946	-0.8264
943	SLV 1	8.62	0.88	13.65	-2.1521	0.4035	3.0058
943	SLV 2	7.85	2.14	12.63	-2.0362	0.3762	2.704
943	SLV 3	8.71	-1.79	15.17	-2.309	0.4429	3.0839
943	SLV 4	7.94	-0.53	14.15	-2.1931	0.4157	2.7821
943	SLV 5	3.25	4.52	25.06	-4.1994	0.6872	1.0603
943	SLV 6	2.76	5.34	24.39	-4.1244	0.6695	0.865
943	SLV 7	3.55	-4.38	30.12	-4.7223	0.8187	1.3206
943	SLV 8	3.06	-3.56	29.46	-4.6474	0.8011	1.1254
943	SLV 9	-1.14	4.78	36.51	-6.1287	0.9739	-0.4835
943	SLV 10	-1.64	5.6	35.84	-6.0537	0.9563	-0.6788
943	SLV 11	-0.84	-4.12	41.57	-6.6516	1.1055	-0.2232
943	SLV 12	-1.34	-3.3	40.9	-6.5766	1.0879	-0.4185
943	SLV 13	-6.02	1.74	51.81	-8.583	1.3594	-2.1403
943	SLV 14	-6.79	3.01	50.79	-8.4671	1.3321	-2.442
943	SLV 15	-5.93	-0.93	53.33	-8.7399	1.3989	-2.0622
943	SLV 16	-6.7	0.33	52.31	-8.624	1.3716	-2.3639
943	CRTFP Ux+	0	0	0	0	0	0
943	CRTFP Ux-	0	0	0	0	0	0
943	CRTFP Uy+	0	0	0	0	0	0
943	CRTFP Uy-	0	0	0	0	0	0
944	SLU 1	0.68	0.44	23.48	-4.1034	3.0703	0.1801
944	SLU 2	0.68	0.5	23.49	-4.1062	3.0716	0.1733
944	SLU 3	0.7	0.45	24.03	-4.1891	3.1417	0.1857
944	SLU 4	0.7	0.49	24.03	-4.1908	3.1425	0.1817
944	SLU 5	0.69	0.5	23.82	-4.1588	3.1152	0.1778
944	SLU 6	0.71	0.45	24.36	-4.2417	3.1853	0.1902
944	SLU 7	0.71	0.49	24.37	-4.2434	3.1861	0.1861
944	SLU 8	0.7	0.44	24.15	-4.2086	3.1575	0.1889
944	SLU 9	0.71	0.48	24.15	-4.2102	3.1583	0.1849
944	SLU 10	0.73	0.61	26.18	-4.5235	3.4235	0.1755
944	SLU 11	0.74	0.55	26.72	-4.6064	3.4936	0.1879
944	SLU 12	0.74	0.59	26.72	-4.6081	3.4944	0.1839
944	SLU 13	0.74	0.61	26.51	-4.5761	3.4671	0.1799
944	SLU 14	0.75	0.55	27.05	-4.659	3.5372	0.1923
944	SLU 15	0.76	0.59	27.06	-4.6607	3.538	0.1883
944	SLU 16	0.75	0.55	26.84	-4.6259	3.5094	0.1911
944	SLU 17	0.75	0.59	26.84	-4.6275	3.5102	0.1871
944	SLU 18	0.74	0.59	27.32	-4.6996	3.573	0.1832
944	SLU 19	0.74	0.63	27.33	-4.7012	3.5738	0.1791
944	SLU 20	0.76	0.59	27.66	-4.7522	3.6166	0.1876
944	SLU 21	0.76	0.63	27.66	-4.7538	3.6174	0.1836
944	SLU 22	0.73	0.54	26.19	-4.5233	3.4251	0.1858
944	SLU 23	0.73	0.6	26.2	-4.5261	3.4264	0.1791
944	SLU 24	0.75	0.54	26.74	-4.609	3.4965	0.1915
944	SLU 25	0.75	0.58	26.75	-4.6107	3.4973	0.1874
944	SLU 26	0.75	0.6	26.54	-4.5786	3.47	0.1835
944	SLU 27	0.76	0.54	27.07	-4.6616	3.5401	0.1959
944	SLU 28	0.76	0.58	27.08	-4.6632	3.5409	0.1919
944	SLU 29	0.76	0.54	26.86	-4.6285	3.5123	0.1947
944	SLU 30	0.76	0.57	26.87	-4.6301	3.5131	0.1907
944	SLU 31	0.78	0.7	28.89	-4.9434	3.7783	0.1813
944	SLU 32	0.79	0.65	29.43	-5.0263	3.8484	0.1937
944	SLU 33	0.79	0.68	29.44	-5.028	3.8492	0.1896
944	SLU 34	0.79	0.7	29.23	-4.9959	3.8219	0.1857
944	SLU 35	0.81	0.65	29.76	-5.0789	3.892	0.1981
944	SLU 36	0.81	0.68	29.77	-5.0805	3.8928	0.1941
944	SLU 37	0.8	0.64	29.55	-5.0458	3.8642	0.1969
944	SLU 38	0.8	0.68	29.56	-5.0474	3.865	0.1929
944	SLU 39	0.79	0.68	30.04	-5.1195	3.9278	0.189
944	SLU 40	0.8	0.72	30.04	-5.1211	3.9286	0.1849
944	SLU 41	0.81	0.69	30.37	-5.172	3.9714	0.1934
944	SLU 42	0.81	0.72	30.38	-5.1737	3.9722	0.1894
944	SLU 43	0.86	0.54	29.59	-5.1905	3.8697	0.2321
944	SLU 44	0.87	0.6	29.6	-5.1933	3.871	0.2253
944	SLU 45	0.88	0.55	30.14	-5.2762	3.9411	0.2377
944	SLU 46	0.88	0.59	30.15	-5.2778	3.9419	0.2337
944	SLU 47	0.88	0.61	29.94	-5.2458	3.9147	0.2298
944	SLU 48	0.9	0.55	30.47	-5.3288	3.9847	0.2422
944	SLU 49	0.9	0.59	30.48	-5.3304	3.9855	0.2381
944	SLU 50	0.89	0.55	30.26	-5.2957	3.9569	0.241



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
944	SLU 51	0.89	0.58	30.27	-5.2973	3.9577	0.2369
944	SLU 52	0.91	0.71	32.29	-5.6105	4.2229	0.2275
944	SLU 53	0.93	0.65	32.83	-5.6935	4.293	0.2399
944	SLU 54	0.93	0.69	32.84	-5.6951	4.2938	0.2359
944	SLU 55	0.93	0.71	32.63	-5.6631	4.2665	0.232
944	SLU 56	0.94	0.66	33.16	-5.7461	4.3366	0.2444
944	SLU 57	0.94	0.69	33.17	-5.7477	4.3374	0.2403
944	SLU 58	0.94	0.65	32.95	-5.713	4.3088	0.2432
944	SLU 59	0.94	0.69	32.96	-5.7146	4.3096	0.2391
944	SLU 60	0.93	0.69	33.44	-5.7866	4.3724	0.2352
944	SLU 61	0.93	0.73	33.44	-5.7883	4.3732	0.2312
944	SLU 62	0.94	0.69	33.77	-5.8392	4.416	0.2397
944	SLU 63	0.94	0.73	33.78	-5.8409	4.4168	0.2356
944	SLU 64	0.91	0.64	32.31	-5.6104	4.2245	0.2379
944	SLU 65	0.92	0.7	32.32	-5.6131	4.2259	0.2311
944	SLU 66	0.93	0.64	32.85	-5.6961	4.2959	0.2435
944	SLU 67	0.94	0.68	32.86	-5.6977	4.2967	0.2395
944	SLU 68	0.93	0.7	32.65	-5.6657	4.2695	0.2356
944	SLU 69	0.95	0.64	33.19	-5.7487	4.3395	0.248
944	SLU 70	0.95	0.68	33.19	-5.7503	4.3403	0.2439
944	SLU 71	0.94	0.64	32.97	-5.7156	4.3118	0.2468
944	SLU 72	0.94	0.68	32.98	-5.7172	4.3126	0.2427
944	SLU 73	0.96	0.8	35.01	-6.0304	4.5778	0.2333
944	SLU 74	0.98	0.75	35.54	-6.1134	4.6478	0.2457
944	SLU 75	0.98	0.78	35.55	-6.115	4.6486	0.2417
944	SLU 76	0.98	0.8	35.34	-6.083	4.6214	0.2378
944	SLU 77	0.99	0.75	35.88	-6.166	4.6914	0.2502
944	SLU 78	0.99	0.79	35.88	-6.1676	4.6922	0.2461
944	SLU 79	0.99	0.74	35.66	-6.1328	4.6636	0.249
944	SLU 80	0.99	0.78	35.67	-6.1345	4.6644	0.2449
944	SLU 81	0.98	0.79	36.15	-6.2065	4.7272	0.241
944	SLU 82	0.98	0.82	36.16	-6.2082	4.728	0.237
944	SLU 83	0.99	0.79	36.48	-6.2591	4.7708	0.2454
944	SLU 84	0.99	0.82	36.49	-6.2608	4.7716	0.2414
944	SLE RA 1	0.69	0.47	24.25	-4.2234	3.1717	0.1817
944	SLE RA 2	0.69	0.51	24.26	-4.2252	3.1725	0.1772
944	SLE RA 3	0.7	0.47	24.62	-4.2805	3.2193	0.1855
944	SLE RA 4	0.71	0.5	24.62	-4.2816	3.2198	0.1828
944	SLE RA 5	0.7	0.51	24.48	-4.2603	3.2016	0.1802
944	SLE RA 6	0.71	0.47	24.84	-4.3156	3.2483	0.1884
944	SLE RA 7	0.72	0.5	24.85	-4.3167	3.2489	0.1857
944	SLE RA 8	0.71	0.47	24.7	-4.2935	3.2298	0.1876
944	SLE RA 9	0.71	0.5	24.7	-4.2946	3.2303	0.1849
944	SLE RA 10	0.72	0.58	26.06	-4.5034	3.4071	0.1787
944	SLE RA 11	0.73	0.54	26.41	-4.5587	3.4538	0.1869
944	SLE RA 12	0.74	0.57	26.42	-4.5598	3.4544	0.1842
944	SLE RA 13	0.73	0.58	26.28	-4.5385	3.4362	0.1816
944	SLE RA 14	0.74	0.54	26.64	-4.5938	3.4829	0.1899
944	SLE RA 15	0.75	0.57	26.64	-4.5949	3.4834	0.1872
944	SLE RA 16	0.74	0.54	26.49	-4.5717	3.4644	0.1891
944	SLE RA 17	0.74	0.56	26.5	-4.5728	3.4649	0.1864
944	SLE RA 18	0.74	0.57	26.82	-4.6208	3.5068	0.1838
944	SLE RA 19	0.74	0.59	26.82	-4.6219	3.5073	0.1811
944	SLE RA 20	0.74	0.57	27.04	-4.6559	3.5359	0.1868
944	SLE RA 21	0.75	0.59	27.04	-4.657	3.5364	0.1841
944	SLE FR 1	0.69	0.47	24.25	-4.2234	3.1717	0.1817
944	SLE FR 2	0.69	0.48	24.26	-4.2238	3.1718	0.1808
944	SLE FR 3	0.7	0.47	24.34	-4.2374	3.1833	0.1829
944	SLE FR 4	0.71	0.51	25.02	-4.343	3.2724	0.1814
944	SLE FR 5	0.71	0.5	25.11	-4.3566	3.2838	0.1835
944	SLE FR 6	0.71	0.52	25.54	-4.4221	3.3392	0.1828
944	SLE QP 1	0.69	0.47	24.25	-4.2234	3.1717	0.1817
944	SLE QP 2	0.71	0.5	25.02	-4.3426	3.2722	0.1823
944	SLD 1	3.11	0.62	18.41	-3.1516	2.4135	1.0059
944	SLD 2	2.87	1.04	18.07	-3.1125	2.3695	0.8659
944	SLD 3	3.14	-0.3	18.93	-3.2013	2.4818	1.1265
944	SLD 4	2.9	0.12	18.6	-3.1623	2.4378	0.9865
944	SLD 5	1.43	1.85	22.3	-3.9168	2.9189	0.2716
944	SLD 6	1.27	2.13	22.08	-3.8911	2.8899	0.1794
944	SLD 7	1.52	-1.21	24.05	-4.0827	3.1465	0.6736
944	SLD 8	1.36	-0.93	23.83	-4.057	3.1176	0.5814
944	SLD 9	0.05	1.93	26.22	-4.6282	3.4268	-0.2167
944	SLD 10	-0.11	2.2	25.99	-4.6025	3.3979	-0.3089
944	SLD 11	0.14	-1.13	27.96	-4.7942	3.6545	0.1852
944	SLD 12	-0.02	-0.85	27.74	-4.7684	3.6255	0.093
944	SLD 13	-1.49	0.87	31.45	-5.523	4.1066	-0.6218
944	SLD 14	-1.73	1.29	31.11	-5.4839	4.0626	-0.7618
944	SLD 15	-1.46	-0.04	31.97	-5.5727	4.1749	-0.5013
944	SLD 16	-1.7	0.38	31.64	-5.5337	4.1309	-0.6412
944	SLV 1	6.34	0.75	9.56	-1.5559	1.2648	2.1129
944	SLV 2	5.78	1.73	8.78	-1.4649	1.1624	1.7869
944	SLV 3	6.41	-1.33	10.75	-1.6702	1.4191	2.3865
944	SLV 4	5.84	-0.35	9.97	-1.5792	1.3168	2.0605
944	SLV 5	2.39	3.56	18.72	-3.3491	2.4536	0.4031
944	SLV 6	2.03	4.19	18.22	-3.2903	2.3874	0.1921
944	SLV 7	2.61	-3.37	22.67	-3.73	2.9682	1.3152
944	SLV 8	2.25	-2.74	22.17	-3.6711	2.9019	1.1042
944	SLV 9	-0.84	3.74	27.88	-5.0141	3.6425	-0.7396
944	SLV 10	-1.2	4.37	27.37	-4.9553	3.5762	-0.9505



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
944	SLV 11	-0.62	-3.2	31.83	-5.395	4.157	0.1725
944	SLV 12	-0.98	-2.56	31.32	-5.3361	4.0908	-0.0384
944	SLV 13	-4.43	1.34	40.08	-7.106	5.2276	-1.6959
944	SLV 14	-5	2.33	39.3	-7.0151	5.1253	-2.0218
944	SLV 15	-4.36	-0.74	41.27	-7.2203	5.382	-1.4222
944	SLV 16	-4.93	0.25	40.48	-7.1293	5.2796	-1.7482
944	CRTFP Ux+	0	0	0	0	0	0
944	CRTFP Ux-	0	0	0	0	0	0
944	CRTFP Uy+	0	0	0	0	0	0
944	CRTFP Uy-	0	0	0	0	0	0
946	SLU 1	0.56	0.05	29.69	0.5803	7.4207	-0.0217
946	SLU 2	0.56	0.09	29.68	0.5799	7.4181	-0.0314
946	SLU 3	0.58	0.06	30.4	0.5942	7.5984	-0.0224
946	SLU 4	0.58	0.08	30.39	0.594	7.5968	-0.0282
946	SLU 5	0.58	0.09	30.1	0.5882	7.5241	-0.0312
946	SLU 6	0.59	0.05	30.82	0.6026	7.7044	-0.0222
946	SLU 7	0.59	0.08	30.81	0.6024	7.7028	-0.028
946	SLU 8	0.58	0.05	30.54	0.5969	7.6327	-0.0213
946	SLU 9	0.59	0.07	30.53	0.5967	7.6311	-0.0271
946	SLU 10	0.61	0.13	33.38	0.6526	8.3439	-0.0414
946	SLU 11	0.62	0.09	34.1	0.6669	8.5243	-0.0324
946	SLU 12	0.62	0.12	34.09	0.6667	8.5227	-0.0382
946	SLU 13	0.62	0.13	33.8	0.6609	8.4499	-0.0412
946	SLU 14	0.63	0.09	34.52	0.6752	8.6302	-0.0322
946	SLU 15	0.63	0.12	34.52	0.675	8.6287	-0.038
946	SLU 16	0.63	0.09	34.24	0.6696	8.5585	-0.0313
946	SLU 17	0.63	0.11	34.23	0.6694	8.557	-0.0371
946	SLU 18	0.62	0.11	34.98	0.6841	8.7434	-0.0359
946	SLU 19	0.62	0.13	34.97	0.6839	8.7418	-0.0418
946	SLU 20	0.63	0.11	35.4	0.6924	8.8494	-0.0358
946	SLU 21	0.63	0.13	35.39	0.6922	8.8478	-0.0416
946	SLU 22	0.61	0.1	33.43	0.6539	8.3559	-0.0342
946	SLU 23	0.61	0.14	33.41	0.6536	8.3533	-0.044
946	SLU 24	0.62	0.1	34.13	0.6679	8.5336	-0.0349
946	SLU 25	0.62	0.13	34.13	0.6677	8.532	-0.0408
946	SLU 26	0.62	0.14	33.84	0.6619	8.4593	-0.0438
946	SLU 27	0.63	0.1	34.56	0.6762	8.6396	-0.0347
946	SLU 28	0.63	0.13	34.55	0.676	8.638	-0.0406
946	SLU 29	0.63	0.1	34.27	0.6706	8.5679	-0.0339
946	SLU 30	0.63	0.12	34.27	0.6703	8.5663	-0.0397
946	SLU 31	0.65	0.18	37.12	0.7262	9.2792	-0.054
946	SLU 32	0.66	0.14	37.84	0.7406	9.4595	-0.0449
946	SLU 33	0.66	0.16	37.83	0.7403	9.4579	-0.0508
946	SLU 34	0.66	0.18	37.54	0.7346	9.3852	-0.0538
946	SLU 35	0.67	0.14	38.26	0.7489	9.5655	-0.0447
946	SLU 36	0.68	0.16	38.26	0.7487	9.5639	-0.0506
946	SLU 37	0.67	0.14	37.98	0.7432	9.4938	-0.0439
946	SLU 38	0.67	0.16	37.97	0.743	9.4922	-0.0497
946	SLU 39	0.67	0.16	38.72	0.7577	9.6786	-0.0485
946	SLU 40	0.67	0.18	38.71	0.7575	9.677	-0.0543
946	SLU 41	0.68	0.15	39.14	0.766	9.7846	-0.0483
946	SLU 42	0.68	0.18	39.13	0.7658	9.783	-0.0542
946	SLU 43	0.72	0.05	37.31	0.7291	9.3262	-0.0238
946	SLU 44	0.72	0.09	37.3	0.7288	9.3236	-0.0336
946	SLU 45	0.73	0.06	38.02	0.7431	9.5039	-0.0245
946	SLU 46	0.73	0.08	38.01	0.7429	9.5023	-0.0304
946	SLU 47	0.73	0.09	37.72	0.7371	9.4296	-0.0334
946	SLU 48	0.74	0.05	38.44	0.7514	9.6099	-0.0244
946	SLU 49	0.74	0.08	38.44	0.7512	9.6083	-0.0302
946	SLU 50	0.74	0.05	38.16	0.7457	9.5382	-0.0235
946	SLU 51	0.74	0.07	38.15	0.7455	9.5366	-0.0293
946	SLU 52	0.76	0.13	41	0.8014	10.2495	-0.0436
946	SLU 53	0.77	0.09	41.72	0.8157	10.4298	-0.0345
946	SLU 54	0.77	0.12	41.72	0.8155	10.4282	-0.0404
946	SLU 55	0.77	0.13	41.43	0.8097	10.3555	-0.0434
946	SLU 56	0.78	0.09	42.15	0.8241	10.5358	-0.0344
946	SLU 57	0.78	0.12	42.14	0.8239	10.5342	-0.0402
946	SLU 58	0.78	0.09	41.86	0.8184	10.4641	-0.0335
946	SLU 59	0.78	0.11	41.86	0.8182	10.4625	-0.0393
946	SLU 60	0.77	0.11	42.6	0.8329	10.6489	-0.0381
946	SLU 61	0.78	0.13	42.59	0.8327	10.6473	-0.044
946	SLU 62	0.79	0.11	43.03	0.8412	10.7549	-0.0379
946	SLU 63	0.79	0.13	43.02	0.841	10.7533	-0.0438
946	SLU 64	0.76	0.1	41.05	0.8027	10.2615	-0.0364
946	SLU 65	0.76	0.14	41.04	0.8024	10.2589	-0.0461
946	SLU 66	0.77	0.1	41.76	0.8167	10.4392	-0.0371
946	SLU 67	0.78	0.13	41.75	0.8165	10.4376	-0.043
946	SLU 68	0.77	0.14	41.46	0.8107	10.3649	-0.046
946	SLU 69	0.79	0.1	42.18	0.825	10.5452	-0.0369
946	SLU 70	0.79	0.13	42.18	0.8248	10.5436	-0.0428
946	SLU 71	0.78	0.1	41.9	0.8194	10.4735	-0.036
946	SLU 72	0.78	0.12	41.89	0.8192	10.4719	-0.0419
946	SLU 73	0.8	0.18	44.74	0.8751	11.1847	-0.0561
946	SLU 74	0.82	0.14	45.46	0.8894	11.3651	-0.0471
946	SLU 75	0.82	0.16	45.45	0.8892	11.3635	-0.053
946	SLU 76	0.81	0.18	45.17	0.8834	11.2907	-0.056
946	SLU 77	0.83	0.14	45.89	0.8977	11.471	-0.0469
946	SLU 78	0.83	0.16	45.88	0.8975	11.4695	-0.0528
946	SLU 79	0.82	0.14	45.6	0.8921	11.3993	-0.046



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
946	SLU 80	0.83	0.16	45.59	0.8918	11.3978	-0.0519
946	SLU 81	0.82	0.16	46.34	0.9066	11.5842	-0.0507
946	SLU 82	0.82	0.18	46.33	0.9064	11.5826	-0.0565
946	SLU 83	0.83	0.15	46.76	0.9149	11.6902	-0.0505
946	SLU 84	0.83	0.18	46.76	0.9147	11.6886	-0.0564
946	SLE RA 1	0.57	0.07	30.76	0.6013	7.6879	-0.0252
946	SLE RA 2	0.58	0.09	30.75	0.6011	7.6862	-0.0317
946	SLE RA 3	0.58	0.07	31.23	0.6106	7.8064	-0.0257
946	SLE RA 4	0.59	0.08	31.22	0.6105	7.8053	-0.0296
946	SLE RA 5	0.58	0.09	31.03	0.6066	7.7568	-0.0316
946	SLE RA 6	0.59	0.07	31.51	0.6162	7.877	-0.0256
946	SLE RA 7	0.59	0.08	31.51	0.616	7.876	-0.0295
946	SLE RA 8	0.59	0.07	31.32	0.6124	7.8292	-0.025
946	SLE RA 9	0.59	0.08	31.32	0.6123	7.8282	-0.0289
946	SLE RA 10	0.6	0.12	33.22	0.6495	8.3034	-0.0384
946	SLE RA 11	0.61	0.09	33.7	0.6591	8.4236	-0.0324
946	SLE RA 12	0.61	0.11	33.69	0.6589	8.4226	-0.0363
946	SLE RA 13	0.61	0.12	33.5	0.6551	8.3741	-0.0383
946	SLE RA 14	0.62	0.09	33.98	0.6646	8.4943	-0.0323
946	SLE RA 15	0.62	0.11	33.97	0.6645	8.4932	-0.0362
946	SLE RA 16	0.62	0.09	33.79	0.6609	8.4465	-0.0317
946	SLE RA 17	0.62	0.11	33.79	0.6607	8.4454	-0.0356
946	SLE RA 18	0.61	0.1	34.28	0.6705	8.5697	-0.0348
946	SLE RA 19	0.61	0.12	34.28	0.6704	8.5686	-0.0387
946	SLE RA 20	0.62	0.1	34.56	0.6761	8.6404	-0.0346
946	SLE RA 21	0.62	0.12	34.56	0.6759	8.6393	-0.0385
946	SLE FR 1	0.57	0.07	30.76	0.6013	7.6879	-0.0252
946	SLE FR 2	0.57	0.07	30.75	0.6013	7.6876	-0.0265
946	SLE FR 3	0.58	0.07	30.87	0.6035	7.7162	-0.0252
946	SLE FR 4	0.59	0.08	31.81	0.622	7.9521	-0.0294
946	SLE FR 5	0.59	0.08	31.93	0.6243	7.9807	-0.0281
946	SLE FR 6	0.59	0.09	32.52	0.6359	8.1288	-0.03
946	SLE QP 1	0.57	0.07	30.76	0.6013	7.6879	-0.0252
946	SLE QP 2	0.59	0.08	31.81	0.6221	7.9524	-0.0281
946	SLD 1	3.24	0.46	27.32	0.513	6.5765	-0.1721
946	SLD 2	2.97	0.64	27.08	0.51	6.5636	-0.2126
946	SLD 3	3.28	-0.23	28.15	0.5303	6.7302	-0.0002
946	SLD 4	3	-0.05	27.91	0.5274	6.7173	-0.0406
946	SLD 5	1.38	1.2	29.26	0.5635	7.3089	-0.3248
946	SLD 6	1.2	1.32	29.1	0.5615	7.3004	-0.3515
946	SLD 7	1.49	-1.09	32.01	0.6215	7.8212	0.2483
946	SLD 8	1.31	-0.97	31.85	0.6195	7.8127	0.2217
946	SLD 9	-0.14	1.13	31.78	0.6246	8.0922	-0.2779
946	SLD 10	-0.32	1.25	31.62	0.6227	8.0837	-0.3045
946	SLD 11	-0.03	-1.16	34.53	0.6826	8.6045	0.2953
946	SLD 12	-0.21	-1.04	34.37	0.6807	8.596	0.2686
946	SLD 13	-1.83	0.21	35.72	0.7168	9.1876	-0.0156
946	SLD 14	-2.1	0.39	35.48	0.7138	9.1747	-0.056
946	SLD 15	-1.8	-0.48	36.54	0.7342	9.3413	0.1564
946	SLD 16	-2.07	-0.3	36.3	0.7312	9.3284	0.1159
946	SLV 1	6.8	0.94	21.33	0.3671	4.7346	-0.3591
946	SLV 2	6.16	1.36	20.77	0.3602	4.7046	-0.4533
946	SLV 3	6.88	-0.62	23.19	0.4065	5.0841	0.0307
946	SLV 4	6.24	-0.19	22.63	0.3996	5.054	-0.0635
946	SLV 5	2.44	2.62	25.93	0.487	6.4623	-0.7022
946	SLV 6	2.03	2.9	25.57	0.4826	6.4429	-0.7632
946	SLV 7	2.7	-2.57	32.15	0.6184	7.6271	0.5971
946	SLV 8	2.29	-2.29	31.79	0.6139	7.6077	0.5361
946	SLV 9	-1.12	2.45	31.83	0.6303	8.2972	-0.5923
946	SLV 10	-1.53	2.72	31.47	0.6258	8.2777	-0.6533
946	SLV 11	-0.86	-2.74	38.05	0.7616	9.462	0.707
946	SLV 12	-1.27	-2.47	37.69	0.7571	9.4426	0.646
946	SLV 13	-5.07	0.35	40.99	0.8445	10.8509	0.0073
946	SLV 14	-5.7	0.78	40.43	0.8376	10.8208	-0.0869
946	SLV 15	-4.99	-1.21	42.86	0.884	11.2003	0.3971
946	SLV 16	-5.63	-0.78	42.3	0.877	11.1703	0.3029
946	CRITFP Ux+	0	0	0	0	0	0
946	CRITFP Ux-	0	0	0	0	0	0
946	CRITFP Uy+	0	0	0	0	0	0
946	CRITFP Uy-	0	0	0	0	0	0
949	SLU 1	-0.31	-0.26	21.02	0.0146	-5.6775	-0.0839
949	SLU 2	-0.31	-0.23	21.02	0.0146	-5.6742	-0.0754
949	SLU 3	-0.32	-0.26	21.52	0.0149	-5.8095	-0.0852
949	SLU 4	-0.32	-0.24	21.51	0.0149	-5.8075	-0.0801
949	SLU 5	-0.32	-0.23	21.31	0.0147	-5.7517	-0.0766
949	SLU 6	-0.32	-0.26	21.81	0.015	-5.8869	-0.0864
949	SLU 7	-0.32	-0.25	21.8	0.015	-5.885	-0.0813
949	SLU 8	-0.32	-0.26	21.6	0.0149	-5.8324	-0.0864
949	SLU 9	-0.32	-0.25	21.6	0.0149	-5.8304	-0.0812
949	SLU 10	-0.35	-0.24	23.63	0.0164	-6.4029	-0.0775
949	SLU 11	-0.35	-0.27	24.13	0.0167	-6.5381	-0.0873
949	SLU 12	-0.35	-0.25	24.13	0.0167	-6.5362	-0.0822
949	SLU 13	-0.35	-0.24	23.92	0.0165	-6.4803	-0.0788
949	SLU 14	-0.36	-0.27	24.42	0.0168	-6.6156	-0.0886
949	SLU 15	-0.36	-0.25	24.42	0.0168	-6.6136	-0.0835
949	SLU 16	-0.35	-0.27	24.22	0.0167	-6.561	-0.0885
949	SLU 17	-0.35	-0.25	24.21	0.0166	-6.5591	-0.0834
949	SLU 18	-0.36	-0.27	24.76	0.0171	-6.7184	-0.087
949	SLU 19	-0.36	-0.25	24.76	0.0171	-6.7164	-0.0819



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
949	SLU 20	-0.36	-0.27	25.05	0.0173	-6.7958	-0.0882
949	SLU 21	-0.36	-0.25	25.05	0.0173	-6.7939	-0.0831
949	SLU 22	-0.35	-0.26	23.69	0.0166	-6.413	-0.0837
949	SLU 23	-0.35	-0.23	23.68	0.0166	-6.4098	-0.0752
949	SLU 24	-0.35	-0.26	24.18	0.0169	-6.545	-0.085
949	SLU 25	-0.35	-0.24	24.18	0.0169	-6.5431	-0.0799
949	SLU 26	-0.35	-0.23	23.97	0.0167	-6.4873	-0.0764
949	SLU 27	-0.36	-0.26	24.47	0.017	-6.6225	-0.0862
949	SLU 28	-0.36	-0.25	24.47	0.017	-6.6206	-0.0811
949	SLU 29	-0.35	-0.26	24.26	0.0169	-6.568	-0.0861
949	SLU 30	-0.35	-0.25	24.26	0.0169	-6.566	-0.081
949	SLU 31	-0.38	-0.24	26.3	0.0183	-7.1385	-0.0773
949	SLU 32	-0.39	-0.27	26.8	0.0187	-7.2737	-0.0871
949	SLU 33	-0.39	-0.25	26.8	0.0186	-7.2717	-0.082
949	SLU 34	-0.38	-0.24	26.59	0.0185	-7.2159	-0.0785
949	SLU 35	-0.39	-0.27	27.09	0.0188	-7.3511	-0.0883
949	SLU 36	-0.39	-0.25	27.08	0.0188	-7.3492	-0.0832
949	SLU 37	-0.38	-0.27	26.88	0.0187	-7.2966	-0.0883
949	SLU 38	-0.39	-0.25	26.88	0.0186	-7.2947	-0.0832
949	SLU 39	-0.39	-0.27	27.43	0.0191	-7.454	-0.0868
949	SLU 40	-0.39	-0.25	27.42	0.0191	-7.452	-0.0816
949	SLU 41	-0.4	-0.27	27.71	0.0193	-7.5314	-0.088
949	SLU 42	-0.4	-0.25	27.71	0.0193	-7.5295	-0.0829
949	SLU 43	-0.39	-0.33	26.42	0.0183	-7.1285	-0.1092
949	SLU 44	-0.4	-0.31	26.41	0.0183	-7.1253	-0.1007
949	SLU 45	-0.4	-0.34	26.91	0.0186	-7.2605	-0.1105
949	SLU 46	-0.4	-0.32	26.91	0.0186	-7.2586	-0.1054
949	SLU 47	-0.4	-0.31	26.7	0.0184	-7.2027	-0.1019
949	SLU 48	-0.4	-0.34	27.2	0.0187	-7.3379	-0.1117
949	SLU 49	-0.41	-0.33	27.2	0.0187	-7.336	-0.1066
949	SLU 50	-0.4	-0.34	26.99	0.0186	-7.2834	-0.1116
949	SLU 51	-0.4	-0.33	26.99	0.0186	-7.2815	-0.1065
949	SLU 52	-0.43	-0.31	29.03	0.02	-7.8539	-0.1028
949	SLU 53	-0.43	-0.34	29.53	0.0204	-7.9891	-0.1126
949	SLU 54	-0.44	-0.33	29.52	0.0203	-7.9872	-0.1075
949	SLU 55	-0.43	-0.32	29.32	0.0202	-7.9314	-0.104
949	SLU 56	-0.44	-0.35	29.82	0.0205	-8.0666	-0.1138
949	SLU 57	-0.44	-0.33	29.81	0.0205	-8.0647	-0.1087
949	SLU 58	-0.43	-0.35	29.61	0.0204	-8.0121	-0.1137
949	SLU 59	-0.43	-0.33	29.61	0.0203	-8.0101	-0.1086
949	SLU 60	-0.44	-0.34	30.15	0.0208	-8.1694	-0.1122
949	SLU 61	-0.44	-0.33	30.15	0.0208	-8.1675	-0.1071
949	SLU 62	-0.44	-0.35	30.44	0.021	-8.2469	-0.1134
949	SLU 63	-0.45	-0.33	30.44	0.021	-8.2449	-0.1083
949	SLU 64	-0.43	-0.33	29.08	0.0203	-7.8641	-0.109
949	SLU 65	-0.43	-0.31	29.08	0.0202	-7.8609	-0.1004
949	SLU 66	-0.44	-0.34	29.57	0.0206	-7.9961	-0.1102
949	SLU 67	-0.44	-0.32	29.57	0.0206	-7.9941	-0.1051
949	SLU 68	-0.43	-0.31	29.36	0.0204	-7.9383	-0.1017
949	SLU 69	-0.44	-0.34	29.86	0.0207	-8.0735	-0.1115
949	SLU 70	-0.44	-0.32	29.86	0.0207	-8.0716	-0.1063
949	SLU 71	-0.43	-0.34	29.66	0.0206	-8.019	-0.1114
949	SLU 72	-0.44	-0.32	29.66	0.0205	-8.0171	-0.1063
949	SLU 73	-0.46	-0.31	31.69	0.022	-8.5895	-0.1026
949	SLU 74	-0.47	-0.34	32.19	0.0224	-8.7247	-0.1124
949	SLU 75	-0.47	-0.33	32.19	0.0223	-8.7228	-0.1073
949	SLU 76	-0.47	-0.32	31.98	0.0222	-8.667	-0.1038
949	SLU 77	-0.47	-0.35	32.48	0.0225	-8.8022	-0.1136
949	SLU 78	-0.47	-0.33	32.48	0.0225	-8.8002	-0.1085
949	SLU 79	-0.47	-0.35	32.27	0.0224	-8.7476	-0.1135
949	SLU 80	-0.47	-0.33	32.27	0.0223	-8.7457	-0.1084
949	SLU 81	-0.48	-0.34	32.82	0.0228	-8.905	-0.112
949	SLU 82	-0.48	-0.33	32.82	0.0228	-8.9031	-0.1069
949	SLU 83	-0.48	-0.35	33.11	0.023	-8.9825	-0.1132
949	SLU 84	-0.48	-0.33	33.1	0.023	-8.9805	-0.1081
949	SLE RA 1	-0.32	-0.26	21.78	0.0152	-5.8876	-0.0839
949	SLE RA 2	-0.32	-0.24	21.78	0.0151	-5.8855	-0.0782
949	SLE RA 3	-0.33	-0.26	22.11	0.0154	-5.9756	-0.0847
949	SLE RA 4	-0.33	-0.25	22.11	0.0153	-5.9743	-0.0813
949	SLE RA 5	-0.33	-0.24	21.97	0.0152	-5.9371	-0.079
949	SLE RA 6	-0.33	-0.26	22.31	0.0154	-6.0273	-0.0855
949	SLE RA 7	-0.33	-0.25	22.3	0.0154	-6.026	-0.0821
949	SLE RA 8	-0.33	-0.26	22.17	0.0154	-5.9909	-0.0855
949	SLE RA 9	-0.33	-0.25	22.17	0.0153	-5.9896	-0.0821
949	SLE RA 10	-0.35	-0.24	23.53	0.0163	-6.3712	-0.0796
949	SLE RA 11	-0.35	-0.26	23.86	0.0165	-6.4614	-0.0861
949	SLE RA 12	-0.35	-0.25	23.86	0.0165	-6.4601	-0.0827
949	SLE RA 13	-0.35	-0.25	23.72	0.0164	-6.4229	-0.0804
949	SLE RA 14	-0.35	-0.27	24.05	0.0166	-6.513	-0.087
949	SLE RA 15	-0.35	-0.26	24.05	0.0166	-6.5117	-0.0835
949	SLE RA 16	-0.35	-0.27	23.91	0.0165	-6.4767	-0.0869
949	SLE RA 17	-0.35	-0.26	23.91	0.0165	-6.4754	-0.0835
949	SLE RA 18	-0.35	-0.26	24.28	0.0169	-6.5816	-0.0859
949	SLE RA 19	-0.35	-0.25	24.27	0.0169	-6.5803	-0.0825
949	SLE RA 20	-0.36	-0.26	24.47	0.017	-6.6332	-0.0867
949	SLE RA 21	-0.36	-0.25	24.47	0.0169	-6.6319	-0.0833
949	SLE FR 1	-0.32	-0.26	21.78	0.0152	-5.8876	-0.0839
949	SLE FR 2	-0.32	-0.26	21.78	0.0152	-5.8872	-0.0827
949	SLE FR 3	-0.32	-0.26	21.86	0.0152	-5.9083	-0.0842



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
949	SLE FR 4	-0.33	-0.25	22.53	0.0157	-6.0954	-0.0833
949	SLE FR 5	-0.33	-0.26	22.61	0.0157	-6.1165	-0.0848
949	SLE FR 6	-0.34	-0.26	23.03	0.016	-6.2346	-0.0849
949	SLE QP 1	-0.32	-0.26	21.78	0.0152	-5.8876	-0.0839
949	SLE QP 2	-0.33	-0.26	22.53	0.0157	-6.0958	-0.0845
949	SLD 1	1.57	-0.21	25.94	0.0278	-7.0951	-0.0705
949	SLD 2	1.37	-0.33	26.03	0.0269	-7.1202	-0.1081
949	SLD 3	1.53	-0.68	26.38	0.0282	-7.2719	-0.2228
949	SLD 4	1.34	-0.8	26.47	0.0272	-7.2969	-0.2604
949	SLD 5	0.33	0.49	22.87	0.019	-6.123	0.1574
949	SLD 6	0.2	0.41	22.93	0.0184	-6.1395	0.1326
949	SLD 7	0.21	-1.07	24.34	0.0201	-6.7122	-0.3502
949	SLD 8	0.08	-1.15	24.4	0.0195	-6.7287	-0.3749
949	SLD 9	-0.74	0.63	20.67	0.0119	-5.4629	0.206
949	SLD 10	-0.87	0.56	20.72	0.0113	-5.4794	0.1812
949	SLD 11	-0.86	-0.93	22.13	0.013	-6.0521	-0.3016
949	SLD 12	-0.99	-1	22.19	0.0123	-6.0686	-0.3263
949	SLD 13	-2	0.28	18.59	0.0041	-4.8947	0.0914
949	SLD 14	-2.2	0.17	18.68	0.0032	-4.9197	0.0538
949	SLD 15	-2.04	-0.19	19.03	0.0045	-5.0714	-0.0608
949	SLD 16	-2.23	-0.3	19.12	0.0035	-5.0965	-0.0984
949	SLV 1	4.12	-0.17	30.53	0.0441	-8.4405	-0.0577
949	SLV 2	3.66	-0.44	30.73	0.0419	-8.4988	-0.1452
949	SLV 3	4.03	-1.23	31.53	0.0449	-8.8417	-0.4027
949	SLV 4	3.58	-1.5	31.73	0.0427	-8.9	-0.4903
949	SLV 5	1.21	1.42	23.38	0.0235	-6.1807	0.462
949	SLV 6	0.91	1.25	23.51	0.022	-6.2184	0.4054
949	SLV 7	0.93	-2.11	26.71	0.026	-7.5179	-0.688
949	SLV 8	0.64	-2.29	26.84	0.0245	-7.5556	-0.7447
949	SLV 9	-1.3	1.77	18.22	0.0068	-4.636	0.5757
949	SLV 10	-1.6	1.6	18.35	0.0054	-4.6737	0.5191
949	SLV 11	-1.57	-1.77	21.55	0.0093	-5.9732	-0.5743
949	SLV 12	-1.87	-1.94	21.68	0.0079	-6.0109	-0.631
949	SLV 13	-4.24	0.99	13.34	-0.0113	-3.2916	0.3213
949	SLV 14	-4.7	0.72	13.53	-0.0135	-3.3499	0.2338
949	SLV 15	-4.32	-0.07	14.33	-0.0106	-3.6928	-0.0237
949	SLV 16	-4.78	-0.35	14.53	-0.0128	-3.7511	-0.1112
949	CRTFP Ux+	0	0	0	0	0	0
949	CRTFP Ux-	0	0	0	0	0	0
949	CRTFP Uy+	0	0	0	0	0	0
949	CRTFP Uy-	0	0	0	0	0	0
952	SLU 1	-0.3	0.86	56.51	-1.5053	0.6449	0.0036
952	SLU 2	-0.3	0.92	56.47	-1.5044	0.6459	0.0035
952	SLU 3	-0.3	0.89	57.82	-1.5399	0.6602	0.0037
952	SLU 4	-0.3	0.93	57.79	-1.5394	0.6609	0.0037
952	SLU 5	-0.29	0.93	57.24	-1.5249	0.655	0.0037
952	SLU 6	-0.29	0.9	58.59	-1.5603	0.6693	0.0039
952	SLU 7	-0.3	0.94	58.56	-1.5598	0.6699	0.0039
952	SLU 8	-0.29	0.88	58.05	-1.5462	0.6631	0.0039
952	SLU 9	-0.29	0.92	58.02	-1.5456	0.6637	0.0039
952	SLU 10	-0.34	1.04	63.71	-1.6981	0.7361	0.0039
952	SLU 11	-0.35	1.02	65.07	-1.7335	0.7504	0.0041
952	SLU 12	-0.35	1.05	65.04	-1.733	0.751	0.0041
952	SLU 13	-0.34	1.06	64.48	-1.7185	0.7452	0.0041
952	SLU 14	-0.34	1.03	65.83	-1.754	0.7595	0.0043
952	SLU 15	-0.34	1.07	65.81	-1.7534	0.7601	0.0043
952	SLU 16	-0.34	1.01	65.29	-1.7398	0.7532	0.0043
952	SLU 17	-0.34	1.04	65.27	-1.7393	0.7538	0.0043
952	SLU 18	-0.36	1.04	66.86	-1.7819	0.7737	0.0041
952	SLU 19	-0.36	1.07	66.84	-1.7814	0.7743	0.0041
952	SLU 20	-0.36	1.05	67.63	-1.8024	0.7828	0.0043
952	SLU 21	-0.36	1.09	67.6	-1.8018	0.7834	0.0043
952	SLU 22	-0.34	1.07	63.9	-1.7018	0.7351	0.004
952	SLU 23	-0.34	1.13	63.85	-1.7009	0.7361	0.004
952	SLU 24	-0.34	1.1	65.21	-1.7363	0.7504	0.0042
952	SLU 25	-0.34	1.14	65.18	-1.7358	0.751	0.0042
952	SLU 26	-0.34	1.14	64.62	-1.7213	0.7452	0.0041
952	SLU 27	-0.34	1.11	65.97	-1.7568	0.7595	0.0043
952	SLU 28	-0.34	1.15	65.95	-1.7562	0.7601	0.0043
952	SLU 29	-0.33	1.09	65.43	-1.7426	0.7532	0.0043
952	SLU 30	-0.33	1.12	65.41	-1.7421	0.7538	0.0043
952	SLU 31	-0.39	1.25	71.1	-1.8945	0.8262	0.0044
952	SLU 32	-0.39	1.23	72.45	-1.93	0.8405	0.0046
952	SLU 33	-0.39	1.26	72.42	-1.9294	0.8411	0.0046
952	SLU 34	-0.39	1.26	71.86	-1.9149	0.8353	0.0045
952	SLU 35	-0.39	1.24	73.22	-1.9504	0.8496	0.0047
952	SLU 36	-0.39	1.27	73.19	-1.9499	0.8502	0.0047
952	SLU 37	-0.38	1.21	72.68	-1.9363	0.8434	0.0047
952	SLU 38	-0.38	1.25	72.65	-1.9357	0.844	0.0047
952	SLU 39	-0.41	1.25	74.25	-1.9784	0.8638	0.0046
952	SLU 40	-0.41	1.28	74.22	-1.9778	0.8644	0.0045
952	SLU 41	-0.4	1.26	75.01	-1.9988	0.8729	0.0047
952	SLU 42	-0.41	1.29	74.99	-1.9983	0.8735	0.0047
952	SLU 43	-0.37	1.04	70.94	-1.8896	0.8075	0.0045
952	SLU 44	-0.37	1.1	70.89	-1.8887	0.8085	0.0045
952	SLU 45	-0.37	1.08	72.24	-1.9242	0.8228	0.0047
952	SLU 46	-0.37	1.11	72.22	-1.9236	0.8234	0.0047
952	SLU 47	-0.37	1.12	71.66	-1.9091	0.8176	0.0046
952	SLU 48	-0.37	1.09	73.01	-1.9446	0.8319	0.0048



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
952	SLU 49	-0.37	1.13	72.98	-1.944	0.8325	0.0048
952	SLU 50	-0.36	1.07	72.47	-1.9304	0.8257	0.0048
952	SLU 51	-0.36	1.1	72.45	-1.9299	0.8263	0.0048
952	SLU 52	-0.42	1.23	78.14	-2.0823	0.8987	0.0049
952	SLU 53	-0.42	1.2	79.49	-2.1178	0.913	0.0051
952	SLU 54	-0.42	1.24	79.46	-2.1172	0.9136	0.0051
952	SLU 55	-0.41	1.24	78.9	-2.1027	0.9077	0.005
952	SLU 56	-0.41	1.22	80.26	-2.1382	0.922	0.0052
952	SLU 57	-0.42	1.25	80.23	-2.1377	0.9227	0.0052
952	SLU 58	-0.41	1.19	79.72	-2.1241	0.9158	0.0052
952	SLU 59	-0.41	1.23	79.69	-2.1235	0.9164	0.0052
952	SLU 60	-0.44	1.22	81.29	-2.1662	0.9363	0.0051
952	SLU 61	-0.44	1.26	81.26	-2.1657	0.9369	0.005
952	SLU 62	-0.43	1.24	82.05	-2.1866	0.9454	0.0052
952	SLU 63	-0.43	1.27	82.03	-2.1861	0.946	0.0052
952	SLU 64	-0.41	1.25	78.32	-2.086	0.8976	0.0049
952	SLU 65	-0.42	1.31	78.28	-2.0851	0.8987	0.0049
952	SLU 66	-0.42	1.29	79.63	-2.1206	0.913	0.0051
952	SLU 67	-0.42	1.32	79.6	-2.1201	0.9136	0.0051
952	SLU 68	-0.41	1.32	79.04	-2.1056	0.9077	0.0051
952	SLU 69	-0.41	1.3	80.4	-2.141	0.922	0.0053
952	SLU 70	-0.41	1.33	80.37	-2.1405	0.9226	0.0053
952	SLU 71	-0.41	1.27	79.86	-2.1269	0.9158	0.0052
952	SLU 72	-0.41	1.31	79.83	-2.1263	0.9164	0.0052
952	SLU 73	-0.46	1.44	85.52	-2.2788	0.9888	0.0053
952	SLU 74	-0.46	1.41	86.87	-2.3142	1.0031	0.0055
952	SLU 75	-0.47	1.45	86.85	-2.3137	1.0037	0.0055
952	SLU 76	-0.46	1.45	86.29	-2.2992	0.9979	0.0055
952	SLU 77	-0.46	1.42	87.64	-2.3347	1.0122	0.0057
952	SLU 78	-0.46	1.46	87.61	-2.3341	1.0128	0.0057
952	SLU 79	-0.45	1.4	87.1	-2.3205	1.0059	0.0056
952	SLU 80	-0.45	1.44	87.07	-2.32	1.0066	0.0056
952	SLU 81	-0.48	1.43	88.67	-2.3626	1.0264	0.0055
952	SLU 82	-0.48	1.47	88.64	-2.3621	1.027	0.0055
952	SLU 83	-0.48	1.44	89.44	-2.3831	1.0355	0.0056
952	SLU 84	-0.48	1.48	89.41	-2.3825	1.0361	0.0056
952	SLE RA 1	-0.31	0.92	58.62	-1.5615	0.6707	0.0037
952	SLE RA 2	-0.31	0.96	58.59	-1.5609	0.6714	0.0037
952	SLE RA 3	-0.31	0.94	59.5	-1.5845	0.6809	0.0038
952	SLE RA 4	-0.31	0.96	59.48	-1.5842	0.6813	0.0038
952	SLE RA 5	-0.31	0.97	59.11	-1.5745	0.6774	0.0038
952	SLE RA 6	-0.31	0.95	60.01	-1.5981	0.687	0.0039
952	SLE RA 7	-0.31	0.97	59.99	-1.5978	0.6874	0.0039
952	SLE RA 8	-0.3	0.93	59.65	-1.5887	0.6828	0.0039
952	SLE RA 9	-0.3	0.96	59.63	-1.5883	0.6832	0.0039
952	SLE RA 10	-0.34	1.04	63.42	-1.6899	0.7315	0.0039
952	SLE RA 11	-0.34	1.02	64.33	-1.7136	0.741	0.0041
952	SLE RA 12	-0.34	1.05	64.31	-1.7132	0.7414	0.0041
952	SLE RA 13	-0.34	1.05	63.94	-1.7036	0.7375	0.0041
952	SLE RA 14	-0.34	1.03	64.84	-1.7272	0.747	0.0042
952	SLE RA 15	-0.34	1.06	64.82	-1.7269	0.7474	0.0042
952	SLE RA 16	-0.33	1.02	64.48	-1.7178	0.7429	0.0042
952	SLE RA 17	-0.34	1.04	64.46	-1.7174	0.7433	0.0042
952	SLE RA 18	-0.35	1.04	65.52	-1.7459	0.7565	0.0041
952	SLE RA 19	-0.35	1.06	65.51	-1.7455	0.7569	0.0041
952	SLE RA 20	-0.35	1.05	66.04	-1.7595	0.7626	0.0042
952	SLE RA 21	-0.35	1.07	66.02	-1.7591	0.763	0.0042
952	SLE FR 1	-0.31	0.92	58.62	-1.5615	0.6707	0.0037
952	SLE FR 2	-0.31	0.93	58.62	-1.5613	0.6708	0.0037
952	SLE FR 3	-0.31	0.92	58.83	-1.5669	0.6731	0.0037
952	SLE FR 4	-0.32	0.96	60.69	-1.6167	0.6966	0.0038
952	SLE FR 5	-0.32	0.96	60.9	-1.6222	0.6989	0.0038
952	SLE FR 6	-0.33	0.98	62.07	-1.6537	0.7136	0.0039
952	SLE QP 1	-0.31	0.92	58.62	-1.5615	0.6707	0.0037
952	SLE QP 2	-0.32	0.95	60.69	-1.6168	0.6964	0.0038
952	SLD 1	5.56	2.04	65.88	-1.751	0.8962	0.1244
952	SLD 2	4.99	1.87	65.67	-1.7451	0.8931	0.1173
952	SLD 3	5.47	0.51	67.43	-1.7855	0.8832	0.1224
952	SLD 4	4.89	0.34	67.22	-1.7796	0.8801	0.1153
952	SLD 5	1.7	3.63	59.94	-1.6057	0.7766	0.0442
952	SLD 6	1.32	3.52	59.8	-1.6018	0.7746	0.0395
952	SLD 7	1.37	-1.47	65.1	-1.7208	0.7333	0.0377
952	SLD 8	0.99	-1.58	64.96	-1.7169	0.7313	0.033
952	SLD 9	-1.63	3.49	56.42	-1.5166	0.6616	-0.0254
952	SLD 10	-2.01	3.37	56.29	-1.5127	0.6596	-0.0301
952	SLD 11	-1.96	-1.61	61.59	-1.6317	0.6183	-0.0319
952	SLD 12	-2.34	-1.73	61.45	-1.6278	0.6163	-0.0366
952	SLD 13	-5.54	1.57	54.17	-1.454	0.5128	-0.1077
952	SLD 14	-6.11	1.39	53.96	-1.448	0.5097	-0.1148
952	SLD 15	-5.63	0.04	55.72	-1.4885	0.4998	-0.1097
952	SLD 16	-6.21	-0.14	55.51	-1.4826	0.4967	-0.1168
952	SLV 1	13.45	3.45	72.88	-1.9321	1.1638	0.2858
952	SLV 2	12.11	3.04	72.39	-1.9183	1.1566	0.2693
952	SLV 3	13.22	-0.02	76.39	-2.0103	1.1342	0.2813
952	SLV 4	11.88	-0.43	75.9	-1.9965	1.127	0.2648
952	SLV 5	4.39	7.03	59.11	-1.5952	0.8827	0.098
952	SLV 6	3.52	6.77	58.79	-1.5862	0.8781	0.0873
952	SLV 7	3.63	-4.52	70.81	-1.8559	0.7842	0.0832
952	SLV 8	2.76	-4.79	70.49	-1.8469	0.7795	0.0725



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
952	SLV 9	-3.41	6.7	50.89	-1.3866	0.6133	-0.0649
952	SLV 10	-4.27	6.43	50.58	-1.3777	0.6087	-0.0756
952	SLV 11	-4.16	-4.86	62.59	-1.6473	0.5148	-0.0798
952	SLV 12	-5.03	-5.13	62.28	-1.6384	0.5102	-0.0904
952	SLV 13	-12.53	2.34	45.49	-1.237	0.2659	-0.2572
952	SLV 14	-13.86	1.92	45	-1.2232	0.2587	-0.2737
952	SLV 15	-12.75	-1.13	49	-1.3152	0.2363	-0.2617
952	SLV 16	-14.09	-1.54	48.51	-1.3014	0.2291	-0.2782
952	CRTFP Ux+	0	0	0	0	0	0
952	CRTFP Ux-	0	0	0	0	0	0
952	CRTFP Uy+	0	0	0	0	0	0
952	CRTFP Uy-	0	0	0	0	0	0
955	SLU 1	0.56	1.57	55.67	-1.4763	-0.5752	0.0023
955	SLU 2	0.56	1.63	55.62	-1.4754	-0.576	0.0023
955	SLU 3	0.57	1.62	56.98	-1.5109	-0.5896	0.0024
955	SLU 4	0.58	1.66	56.96	-1.5104	-0.5901	0.0024
955	SLU 5	0.57	1.65	56.41	-1.4963	-0.5851	0.0025
955	SLU 6	0.59	1.64	57.78	-1.5319	-0.5986	0.0025
955	SLU 7	0.59	1.68	57.75	-1.5314	-0.5991	0.0026
955	SLU 8	0.59	1.61	57.25	-1.5182	-0.5933	0.0026
955	SLU 9	0.59	1.65	57.22	-1.5177	-0.5938	0.0026
955	SLU 10	0.59	1.83	62.77	-1.666	-0.6589	0.0027
955	SLU 11	0.61	1.82	64.14	-1.7016	-0.6725	0.0027
955	SLU 12	0.61	1.86	64.11	-1.7011	-0.673	0.0028
955	SLU 13	0.61	1.86	63.56	-1.687	-0.668	0.0028
955	SLU 14	0.62	1.84	64.93	-1.7226	-0.6815	0.0029
955	SLU 15	0.63	1.88	64.9	-1.722	-0.682	0.0029
955	SLU 16	0.62	1.81	64.4	-1.7088	-0.6762	0.0029
955	SLU 17	0.62	1.85	64.38	-1.7083	-0.6767	0.003
955	SLU 18	0.61	1.86	65.88	-1.7486	-0.6936	0.0028
955	SLU 19	0.61	1.89	65.86	-1.7481	-0.6941	0.0028
955	SLU 20	0.62	1.88	66.68	-1.7696	-0.7027	0.0029
955	SLU 21	0.62	1.92	66.65	-1.769	-0.7032	0.003
955	SLU 22	0.59	1.84	62.91	-1.6684	-0.656	0.0022
955	SLU 23	0.59	1.9	62.87	-1.6675	-0.6569	0.0022
955	SLU 24	0.61	1.89	64.23	-1.7031	-0.6704	0.0023
955	SLU 25	0.61	1.93	64.2	-1.7026	-0.6709	0.0023
955	SLU 26	0.61	1.92	63.66	-1.6885	-0.6659	0.0024
955	SLU 27	0.63	1.91	65.02	-1.7241	-0.6795	0.0024
955	SLU 28	0.63	1.95	65	-1.7235	-0.68	0.0025
955	SLU 29	0.62	1.88	64.5	-1.7103	-0.6741	0.0025
955	SLU 30	0.62	1.92	64.47	-1.7098	-0.6746	0.0025
955	SLU 31	0.63	2.1	70.02	-1.8582	-0.7398	0.0026
955	SLU 32	0.64	2.09	71.38	-1.8937	-0.7533	0.0026
955	SLU 33	0.65	2.13	71.36	-1.8932	-0.7538	0.0027
955	SLU 34	0.64	2.13	70.81	-1.8791	-0.7488	0.0027
955	SLU 35	0.66	2.11	72.18	-1.9147	-0.7624	0.0028
955	SLU 36	0.66	2.15	72.15	-1.9142	-0.7629	0.0028
955	SLU 37	0.66	2.09	71.65	-1.901	-0.7571	0.0028
955	SLU 38	0.66	2.12	71.62	-1.9005	-0.7576	0.0029
955	SLU 39	0.64	2.13	73.13	-1.9408	-0.7745	0.0027
955	SLU 40	0.64	2.17	73.1	-1.9402	-0.775	0.0027
955	SLU 41	0.66	2.15	73.92	-1.9617	-0.7835	0.0028
955	SLU 42	0.66	2.19	73.9	-1.9612	-0.784	0.0029
955	SLU 43	0.71	1.94	69.88	-1.8533	-0.72	0.003
955	SLU 44	0.71	2.01	69.84	-1.8523	-0.7208	0.003
955	SLU 45	0.73	1.99	71.2	-1.8879	-0.7344	0.0031
955	SLU 46	0.73	2.03	71.17	-1.8874	-0.7349	0.0031
955	SLU 47	0.73	2.03	70.63	-1.8733	-0.7299	0.0032
955	SLU 48	0.74	2.02	71.99	-1.9089	-0.7434	0.0032
955	SLU 49	0.75	2.06	71.96	-1.9084	-0.7439	0.0033
955	SLU 50	0.74	1.99	71.47	-1.8952	-0.7381	0.0033
955	SLU 51	0.74	2.03	71.44	-1.8946	-0.7386	0.0033
955	SLU 52	0.75	2.21	76.99	-2.043	-0.8038	0.0034
955	SLU 53	0.76	2.2	78.35	-2.0786	-0.8173	0.0034
955	SLU 54	0.76	2.24	78.32	-2.078	-0.8178	0.0035
955	SLU 55	0.76	2.23	77.78	-2.064	-0.8128	0.0036
955	SLU 56	0.78	2.22	79.14	-2.0996	-0.8264	0.0036
955	SLU 57	0.78	2.26	79.12	-2.099	-0.8269	0.0036
955	SLU 58	0.78	2.19	78.62	-2.0858	-0.821	0.0036
955	SLU 59	0.78	2.23	78.59	-2.0853	-0.8215	0.0037
955	SLU 60	0.76	2.23	80.1	-2.1256	-0.8385	0.0035
955	SLU 61	0.76	2.27	80.07	-2.1251	-0.839	0.0035
955	SLU 62	0.78	2.26	80.89	-2.1466	-0.8475	0.0036
955	SLU 63	0.78	2.29	80.86	-2.146	-0.848	0.0037
955	SLU 64	0.75	2.21	77.13	-2.0454	-0.8009	0.0029
955	SLU 65	0.75	2.28	77.08	-2.0445	-0.8017	0.0029
955	SLU 66	0.76	2.27	78.45	-2.0801	-0.8152	0.003
955	SLU 67	0.77	2.3	78.42	-2.0795	-0.8157	0.003
955	SLU 68	0.76	2.3	77.88	-2.0655	-0.8107	0.0031
955	SLU 69	0.78	2.29	79.24	-2.1011	-0.8243	0.0031
955	SLU 70	0.78	2.33	79.21	-2.1005	-0.8248	0.0032
955	SLU 71	0.78	2.26	78.71	-2.0873	-0.819	0.0032
955	SLU 72	0.78	2.3	78.69	-2.0868	-0.8195	0.0032
955	SLU 73	0.78	2.48	84.23	-2.2352	-0.8846	0.0033
955	SLU 74	0.8	2.47	85.6	-2.2707	-0.8982	0.0033
955	SLU 75	0.8	2.51	85.57	-2.2702	-0.8987	0.0034
955	SLU 76	0.8	2.5	85.03	-2.2561	-0.8937	0.0035
955	SLU 77	0.82	2.49	86.39	-2.2917	-0.9072	0.0035



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
955	SLU 78	0.82	2.53	86.36	-2.2912	-0.9077	0.0035
955	SLU 79	0.81	2.46	85.87	-2.278	-0.9019	0.0035
955	SLU 80	0.81	2.5	85.84	-2.2775	-0.9024	0.0036
955	SLU 81	0.8	2.5	87.35	-2.3178	-0.9193	0.0034
955	SLU 82	0.8	2.54	87.32	-2.3172	-0.9198	0.0034
955	SLU 83	0.81	2.53	88.14	-2.3387	-0.9284	0.0035
955	SLU 84	0.81	2.57	88.11	-2.3382	-0.9289	0.0036
955	SLE RA 1	0.57	1.64	57.74	-1.5312	-0.5983	0.0022
955	SLE RA 2	0.57	1.69	57.71	-1.5306	-0.5988	0.0023
955	SLE RA 3	0.58	1.68	58.62	-1.5543	-0.6079	0.0023
955	SLE RA 4	0.58	1.7	58.6	-1.5539	-0.6082	0.0023
955	SLE RA 5	0.58	1.7	58.23	-1.5445	-0.6049	0.0024
955	SLE RA 6	0.59	1.69	59.14	-1.5683	-0.6139	0.0024
955	SLE RA 7	0.59	1.72	59.13	-1.5679	-0.6142	0.0024
955	SLE RA 8	0.59	1.67	58.79	-1.5591	-0.6103	0.0024
955	SLE RA 9	0.59	1.7	58.78	-1.5588	-0.6107	0.0025
955	SLE RA 10	0.59	1.82	62.47	-1.6577	-0.6541	0.0025
955	SLE RA 11	0.6	1.81	63.38	-1.6814	-0.6631	0.0025
955	SLE RA 12	0.6	1.84	63.37	-1.681	-0.6635	0.0026
955	SLE RA 13	0.6	1.84	63	-1.6716	-0.6601	0.0026
955	SLE RA 14	0.61	1.83	63.91	-1.6954	-0.6692	0.0026
955	SLE RA 15	0.61	1.85	63.89	-1.695	-0.6695	0.0027
955	SLE RA 16	0.61	1.81	63.56	-1.6862	-0.6656	0.0027
955	SLE RA 17	0.61	1.83	63.54	-1.6859	-0.666	0.0027
955	SLE RA 18	0.6	1.84	64.55	-1.7127	-0.6772	0.0026
955	SLE RA 19	0.6	1.86	64.53	-1.7124	-0.6776	0.0026
955	SLE RA 20	0.61	1.85	65.08	-1.7267	-0.6833	0.0027
955	SLE RA 21	0.61	1.88	65.06	-1.7263	-0.6836	0.0027
955	SLE FR 1	0.57	1.64	57.74	-1.5312	-0.5983	0.0022
955	SLE FR 2	0.57	1.65	57.73	-1.531	-0.5984	0.0023
955	SLE FR 3	0.57	1.65	57.95	-1.5367	-0.6007	0.0023
955	SLE FR 4	0.58	1.71	59.77	-1.5855	-0.6221	0.0024
955	SLE FR 5	0.58	1.71	59.99	-1.5912	-0.6244	0.0024
955	SLE FR 6	0.58	1.74	61.14	-1.6219	-0.6378	0.0024
955	SLE QP 1	0.57	1.64	57.74	-1.5312	-0.5983	0.0022
955	SLE QP 2	0.58	1.7	59.78	-1.5856	-0.622	0.0023
955	SLD 1	6.43	2.23	56.01	-1.4896	-0.4372	0.1204
955	SLD 2	5.85	2.38	55.88	-1.4869	-0.4389	0.1136
955	SLD 3	6.51	0.74	57.59	-1.5243	-0.4267	0.1219
955	SLD 4	5.93	0.89	57.45	-1.5216	-0.4284	0.115
955	SLD 5	2.31	4.1	56.29	-1.5046	-0.5821	0.0368
955	SLD 6	1.93	4.2	56.2	-1.5028	-0.5832	0.0323
955	SLD 7	2.59	-0.88	61.53	-1.6204	-0.5472	0.0416
955	SLD 8	2.21	-0.78	61.44	-1.6187	-0.5483	0.0371
955	SLD 9	-1.06	4.19	58.12	-1.5526	-0.6957	-0.0324
955	SLD 10	-1.44	4.29	58.03	-1.5508	-0.6968	-0.0369
955	SLD 11	-0.77	-0.8	63.36	-1.6685	-0.6607	-0.0276
955	SLD 12	-1.15	-0.7	63.27	-1.6667	-0.6618	-0.0322
955	SLD 13	-4.78	2.51	62.11	-1.6496	-0.8156	-0.1103
955	SLD 14	-5.36	2.67	61.97	-1.6469	-0.8173	-0.1172
955	SLD 15	-4.7	1.02	63.68	-1.6844	-0.8051	-0.1089
955	SLD 16	-5.28	1.17	63.55	-1.6817	-0.8068	-0.1157
955	SLV 1	14.27	2.88	51.01	-1.3618	-0.1892	0.2786
955	SLV 2	12.92	3.23	50.7	-1.3555	-0.1931	0.2626
955	SLV 3	14.46	-0.51	54.57	-1.4406	-0.1653	0.2819
955	SLV 4	13.12	-0.16	54.26	-1.4343	-0.1692	0.2659
955	SLV 5	4.62	7.14	51.8	-1.4002	-0.5278	0.083
955	SLV 6	3.75	7.36	51.6	-1.3961	-0.5303	0.0726
955	SLV 7	5.27	-4.16	63.67	-1.6626	-0.448	0.094
955	SLV 8	4.4	-3.94	63.47	-1.6585	-0.4505	0.0836
955	SLV 9	-3.25	7.34	56.09	-1.5127	-0.7934	-0.079
955	SLV 10	-4.12	7.57	55.89	-1.5087	-0.796	-0.0893
955	SLV 11	-2.6	-3.96	67.96	-1.7751	-0.7136	-0.0679
955	SLV 12	-3.47	-3.73	67.76	-1.7711	-0.7162	-0.0783
955	SLV 13	-11.96	3.57	65.3	-1.737	-1.0747	-0.2612
955	SLV 14	-13.31	3.92	64.99	-1.7307	-1.0787	-0.2772
955	SLV 15	-11.77	0.18	68.86	-1.8157	-1.0508	-0.2579
955	SLV 16	-13.11	0.53	68.55	-1.8094	-1.0547	-0.2739
955	CRTFP Ux+	0	0	0	0	0	0
955	CRTFP Ux-	0	0	0	0	0	0
955	CRTFP Uy+	0	0	0	0	0	0
955	CRTFP Uy-	0	0	0	0	0	0
994	SLU 1	-0.28	-0.26	21.82	0.0159	-5.8412	-0.0837
994	SLU 2	-0.29	-0.23	21.81	0.0158	-5.838	-0.0752
994	SLU 3	-0.29	-0.26	22.33	0.0162	-5.9773	-0.085
994	SLU 4	-0.29	-0.24	22.33	0.0162	-5.9754	-0.0799
994	SLU 5	-0.29	-0.23	22.11	0.016	-5.9184	-0.0764
994	SLU 6	-0.29	-0.26	22.63	0.0163	-6.0576	-0.0862
994	SLU 7	-0.29	-0.25	22.62	0.0163	-6.0557	-0.0811
994	SLU 8	-0.29	-0.26	22.41	0.0162	-6.0019	-0.0862
994	SLU 9	-0.29	-0.25	22.41	0.0162	-6	-0.0811
994	SLU 10	-0.32	-0.24	24.53	0.0178	-6.579	-0.0774
994	SLU 11	-0.32	-0.27	25.05	0.0182	-6.7183	-0.0872
994	SLU 12	-0.32	-0.25	25.04	0.0182	-6.7164	-0.0821
994	SLU 13	-0.32	-0.24	24.83	0.018	-6.6594	-0.0786
994	SLU 14	-0.32	-0.27	25.34	0.0183	-6.7986	-0.0884
994	SLU 15	-0.33	-0.25	25.34	0.0183	-6.7967	-0.0833
994	SLU 16	-0.32	-0.27	25.13	0.0182	-6.7429	-0.0883
994	SLU 17	-0.32	-0.25	25.13	0.0182	-6.741	-0.0832



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
994	SLU 18	-0.33	-0.27	25.7	0.0187	-6.8997	-0.0868
994	SLU 19	-0.33	-0.25	25.7	0.0187	-6.8978	-0.0817
994	SLU 20	-0.33	-0.27	26	0.0189	-6.9801	-0.088
994	SLU 21	-0.33	-0.25	25.99	0.0189	-6.9782	-0.0829
994	SLU 22	-0.32	-0.26	24.6	0.0181	-6.5936	-0.0835
994	SLU 23	-0.32	-0.23	24.59	0.0181	-6.5904	-0.075
994	SLU 24	-0.32	-0.26	25.11	0.0184	-6.7297	-0.0848
994	SLU 25	-0.32	-0.24	25.1	0.0184	-6.7278	-0.0797
994	SLU 26	-0.32	-0.23	24.89	0.0182	-6.6708	-0.0762
994	SLU 27	-0.32	-0.26	25.4	0.0186	-6.81	-0.086
994	SLU 28	-0.33	-0.25	25.4	0.0185	-6.8081	-0.0809
994	SLU 29	-0.32	-0.26	25.19	0.0184	-6.7543	-0.0859
994	SLU 30	-0.32	-0.25	25.18	0.0184	-6.7524	-0.0808
994	SLU 31	-0.35	-0.24	27.3	0.02	-7.3314	-0.0772
994	SLU 32	-0.35	-0.27	27.82	0.0204	-7.4707	-0.087
994	SLU 33	-0.35	-0.25	27.82	0.0204	-7.4688	-0.0819
994	SLU 34	-0.35	-0.24	27.6	0.0202	-7.4118	-0.0784
994	SLU 35	-0.36	-0.27	28.12	0.0205	-7.551	-0.0882
994	SLU 36	-0.36	-0.25	28.11	0.0205	-7.5491	-0.0831
994	SLU 37	-0.35	-0.27	27.9	0.0204	-7.4953	-0.0881
994	SLU 38	-0.35	-0.25	27.9	0.0204	-7.4934	-0.083
994	SLU 39	-0.36	-0.26	28.47	0.0209	-7.6521	-0.0866
994	SLU 40	-0.36	-0.25	28.47	0.0209	-7.6502	-0.0815
994	SLU 41	-0.36	-0.27	28.77	0.0211	-7.7325	-0.0878
994	SLU 42	-0.36	-0.25	28.77	0.0211	-7.7306	-0.0827
994	SLU 43	-0.36	-0.33	27.42	0.0199	-7.3356	-0.1089
994	SLU 44	-0.36	-0.31	27.41	0.0199	-7.3324	-0.1004
994	SLU 45	-0.37	-0.34	27.93	0.0202	-7.4717	-0.1102
994	SLU 46	-0.37	-0.32	27.92	0.0202	-7.4698	-0.1051
994	SLU 47	-0.36	-0.31	27.71	0.02	-7.4128	-0.1016
994	SLU 48	-0.37	-0.34	28.22	0.0204	-7.552	-0.1114
994	SLU 49	-0.37	-0.33	28.22	0.0203	-7.5501	-0.1063
994	SLU 50	-0.36	-0.34	28.01	0.0202	-7.4963	-0.1114
994	SLU 51	-0.36	-0.33	28	0.0202	-7.4944	-0.1063
994	SLU 52	-0.39	-0.31	30.12	0.0218	-8.0734	-0.1026
994	SLU 53	-0.4	-0.34	30.64	0.0222	-8.2127	-0.1124
994	SLU 54	-0.4	-0.33	30.64	0.0222	-8.2108	-0.1073
994	SLU 55	-0.39	-0.32	30.42	0.022	-8.1538	-0.1038
994	SLU 56	-0.4	-0.35	30.94	0.0223	-8.293	-0.1136
994	SLU 57	-0.4	-0.33	30.93	0.0223	-8.2911	-0.1085
994	SLU 58	-0.39	-0.35	30.72	0.0222	-8.2373	-0.1135
994	SLU 59	-0.4	-0.33	30.72	0.0222	-8.2354	-0.1084
994	SLU 60	-0.4	-0.34	31.29	0.0227	-8.3941	-0.112
994	SLU 61	-0.4	-0.33	31.29	0.0227	-8.3922	-0.1069
994	SLU 62	-0.41	-0.35	31.59	0.0229	-8.4745	-0.1132
994	SLU 63	-0.41	-0.33	31.59	0.0229	-8.4726	-0.1081
994	SLU 64	-0.39	-0.33	30.19	0.0221	-8.088	-0.1087
994	SLU 65	-0.39	-0.31	30.18	0.0221	-8.0848	-0.1002
994	SLU 66	-0.4	-0.34	30.7	0.0224	-8.2241	-0.11
994	SLU 67	-0.4	-0.32	30.7	0.0224	-8.2222	-0.1049
994	SLU 68	-0.39	-0.31	30.48	0.0222	-8.1652	-0.1014
994	SLU 69	-0.4	-0.34	31	0.0226	-8.3044	-0.1112
994	SLU 70	-0.4	-0.32	30.99	0.0225	-8.3025	-0.1061
994	SLU 71	-0.4	-0.34	30.78	0.0224	-8.2487	-0.1111
994	SLU 72	-0.4	-0.32	30.78	0.0224	-8.2468	-0.106
994	SLU 73	-0.42	-0.31	32.9	0.024	-8.8258	-0.1024
994	SLU 74	-0.43	-0.34	33.42	0.0244	-8.9651	-0.1122
994	SLU 75	-0.43	-0.33	33.41	0.0244	-8.9632	-0.1071
994	SLU 76	-0.43	-0.32	33.2	0.0242	-8.9062	-0.1036
994	SLU 77	-0.43	-0.35	33.71	0.0246	-9.0454	-0.1134
994	SLU 78	-0.43	-0.33	33.71	0.0245	-9.0435	-0.1083
994	SLU 79	-0.43	-0.35	33.5	0.0244	-8.9897	-0.1133
994	SLU 80	-0.43	-0.33	33.49	0.0244	-8.9878	-0.1082
994	SLU 81	-0.44	-0.34	34.07	0.0249	-9.1465	-0.1118
994	SLU 82	-0.44	-0.33	34.07	0.0249	-9.1446	-0.1067
994	SLU 83	-0.44	-0.35	34.37	0.0251	-9.2269	-0.113
994	SLU 84	-0.44	-0.33	34.36	0.0251	-9.225	-0.1079
994	SLE RA 1	-0.29	-0.26	22.61	0.0165	-6.0562	-0.0837
994	SLE RA 2	-0.29	-0.24	22.61	0.0165	-6.0541	-0.078
994	SLE RA 3	-0.3	-0.26	22.95	0.0167	-6.1469	-0.0845
994	SLE RA 4	-0.3	-0.25	22.95	0.0167	-6.1456	-0.0811
994	SLE RA 5	-0.3	-0.24	22.81	0.0166	-6.1076	-0.0788
994	SLE RA 6	-0.3	-0.26	23.15	0.0168	-6.2005	-0.0853
994	SLE RA 7	-0.3	-0.25	23.15	0.0168	-6.1992	-0.0819
994	SLE RA 8	-0.3	-0.26	23.01	0.0167	-6.1633	-0.0853
994	SLE RA 9	-0.3	-0.25	23.01	0.0167	-6.162	-0.0819
994	SLE RA 10	-0.32	-0.24	24.42	0.0178	-6.548	-0.0795
994	SLE RA 11	-0.32	-0.26	24.76	0.018	-6.6409	-0.086
994	SLE RA 12	-0.32	-0.25	24.76	0.018	-6.6396	-0.0826
994	SLE RA 13	-0.32	-0.25	24.62	0.0179	-6.6016	-0.0803
994	SLE RA 14	-0.32	-0.27	24.96	0.0181	-6.6944	-0.0868
994	SLE RA 15	-0.32	-0.26	24.96	0.0181	-6.6932	-0.0834
994	SLE RA 16	-0.32	-0.27	24.82	0.018	-6.6573	-0.0867
994	SLE RA 17	-0.32	-0.25	24.82	0.018	-6.656	-0.0833
994	SLE RA 18	-0.32	-0.26	25.2	0.0184	-6.7619	-0.0857
994	SLE RA 19	-0.32	-0.25	25.2	0.0184	-6.7606	-0.0823
994	SLE RA 20	-0.33	-0.26	25.4	0.0185	-6.8154	-0.0865
994	SLE RA 21	-0.33	-0.25	25.39	0.0185	-6.8142	-0.0831
994	SLE FR 1	-0.29	-0.26	22.61	0.0165	-6.0562	-0.0837



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
994	SLE FR 2	-0.29	-0.25	22.61	0.0165	-6.0557	-0.0825
994	SLE FR 3	-0.29	-0.26	22.69	0.0166	-6.0776	-0.084
994	SLE FR 4	-0.3	-0.25	23.39	0.0171	-6.2675	-0.0832
994	SLE FR 5	-0.3	-0.26	23.47	0.0171	-6.2893	-0.0846
994	SLE FR 6	-0.31	-0.26	23.91	0.0175	-6.409	-0.0847
994	SLE QP 1	-0.29	-0.26	22.61	0.0165	-6.0562	-0.0837
994	SLE QP 2	-0.3	-0.26	23.39	0.0171	-6.2679	-0.0843
994	SLD 1	1.63	-0.21	27.49	0.0309	-7.3695	-0.0695
994	SLD 2	1.43	-0.33	27.52	0.0298	-7.3866	-0.1071
994	SLD 3	1.59	-0.68	27.95	0.0313	-7.5375	-0.2215
994	SLD 4	1.39	-0.79	27.98	0.0302	-7.5547	-0.2591
994	SLD 5	0.37	0.49	23.92	0.0208	-6.3404	0.1574
994	SLD 6	0.23	0.41	23.94	0.0201	-6.3517	0.1327
994	SLD 7	0.25	-1.07	25.44	0.0221	-6.9006	-0.3493
994	SLD 8	0.12	-1.15	25.46	0.0214	-6.9119	-0.3741
994	SLD 9	-0.72	0.63	21.32	0.0128	-5.6239	0.2055
994	SLD 10	-0.85	0.56	21.34	0.012	-5.6352	0.1807
994	SLD 11	-0.84	-0.93	22.84	0.014	-6.184	-0.3013
994	SLD 12	-0.97	-1	22.86	0.0133	-6.1953	-0.326
994	SLD 13	-2	0.28	18.8	0.004	-4.9811	0.0905
994	SLD 14	-2.2	0.16	18.83	0.0029	-4.9982	0.0529
994	SLD 15	-2.03	-0.19	19.26	0.0044	-5.1491	-0.0615
994	SLD 16	-2.23	-0.3	19.29	0.0033	-5.1663	-0.0991
994	SLV 1	4.21	-0.17	33	0.0494	-8.8511	-0.0555
994	SLV 2	3.74	-0.44	33.07	0.0469	-8.891	-0.1431
994	SLV 3	4.13	-1.23	34.04	0.0503	-9.2332	-0.4
994	SLV 4	3.66	-1.5	34.1	0.0477	-9.2731	-0.4876
994	SLV 5	1.26	1.42	24.69	0.0259	-6.4564	0.462
994	SLV 6	0.95	1.25	24.74	0.0242	-6.4823	0.4053
994	SLV 7	0.99	-2.11	28.14	0.0288	-7.73	-0.6862
994	SLV 8	0.68	-2.28	28.18	0.0272	-7.7559	-0.7429
994	SLV 9	-1.29	1.77	18.59	0.007	-4.7799	0.5743
994	SLV 10	-1.59	1.59	18.64	0.0053	-4.8057	0.5176
994	SLV 11	-1.56	-1.76	22.04	0.0099	-6.0535	-0.5739
994	SLV 12	-1.86	-1.94	22.09	0.0083	-6.0793	-0.6306
994	SLV 13	-4.27	0.98	12.67	-0.0136	-3.2626	0.319
994	SLV 14	-4.74	0.71	12.74	-0.0161	-3.3026	0.2314
994	SLV 15	-4.35	-0.08	13.71	-0.0127	-3.6447	-0.0255
994	SLV 16	-4.82	-0.35	13.78	-0.0153	-3.6847	-0.1131
994	CRTFP Ux+	0	0	0	0	0	0
994	CRTFP Ux-	0	0	0	0	0	0
994	CRTFP Uy+	0	0	0	0	0	0
994	CRTFP Uy-	0	0	0	0	0	0
996	SLU 1	-0.47	-0.46	39.03	-9.5518	-6.7798	-0.2068
996	SLU 2	-0.47	-0.47	39.02	-9.5509	-6.7776	-0.1991
996	SLU 3	-0.48	-0.46	39.94	-9.7782	-6.9381	-0.2106
996	SLU 4	-0.48	-0.43	39.94	-9.7776	-6.9368	-0.206
996	SLU 5	-0.48	-0.42	39.55	-9.684	-6.8697	-0.2011
996	SLU 6	-0.48	-0.47	40.48	-9.9113	-7.0303	-0.2127
996	SLU 7	-0.48	-0.44	40.47	-9.9107	-7.0289	-0.208
996	SLU 8	-0.48	-0.47	40.09	-9.818	-6.964	-0.2108
996	SLU 9	-0.48	-0.44	40.09	-9.8174	-6.9627	-0.2062
996	SLU 10	-0.53	-0.42	43.88	-10.737	-7.6227	-0.2154
996	SLU 11	-0.53	-0.47	44.81	-10.9643	-7.7832	-0.227
996	SLU 12	-0.53	-0.45	44.8	-10.9638	-7.7819	-0.2223
996	SLU 13	-0.53	-0.43	44.41	-10.8701	-7.7148	-0.2174
996	SLU 14	-0.54	-0.48	45.34	-11.0974	-7.8754	-0.229
996	SLU 15	-0.54	-0.45	45.33	-11.0969	-7.874	-0.2244
996	SLU 16	-0.53	-0.48	44.95	-11.0041	-7.8091	-0.2271
996	SLU 17	-0.53	-0.45	44.95	-11.0036	-7.8078	-0.2225
996	SLU 18	-0.55	-0.47	45.97	-11.2463	-7.9871	-0.2301
996	SLU 19	-0.55	-0.44	45.97	-11.2458	-7.9858	-0.2255
996	SLU 20	-0.55	-0.48	46.51	-11.3794	-8.0792	-0.2321
996	SLU 21	-0.55	-0.45	46.5	-11.3788	-8.0779	-0.2275
996	SLU 22	-0.52	-0.46	44	-10.755	-7.6431	-0.2208
996	SLU 23	-0.53	-0.41	43.98	-10.7541	-7.6409	-0.2131
996	SLU 24	-0.53	-0.46	44.91	-10.9814	-7.8014	-0.2246
996	SLU 25	-0.53	-0.43	44.9	-10.9809	-7.8001	-0.22
996	SLU 26	-0.53	-0.42	44.52	-10.8872	-7.733	-0.2151
996	SLU 27	-0.54	-0.47	45.44	-11.1145	-7.8935	-0.2267
996	SLU 28	-0.54	-0.44	45.44	-11.1139	-7.8922	-0.222
996	SLU 29	-0.53	-0.47	45.06	-11.0212	-7.8273	-0.2248
996	SLU 30	-0.53	-0.44	45.05	-11.0207	-7.826	-0.2202
996	SLU 31	-0.58	-0.42	48.85	-11.9403	-8.486	-0.2294
996	SLU 32	-0.59	-0.47	49.77	-12.1676	-8.6465	-0.241
996	SLU 33	-0.59	-0.45	49.77	-12.167	-8.6452	-0.2364
996	SLU 34	-0.58	-0.43	49.38	-12.0734	-8.5781	-0.2314
996	SLU 35	-0.59	-0.48	50.3	-12.3006	-8.7386	-0.243
996	SLU 36	-0.59	-0.45	50.3	-12.3001	-8.7373	-0.2384
996	SLU 37	-0.58	-0.48	49.92	-12.2074	-8.6724	-0.2412
996	SLU 38	-0.58	-0.45	49.91	-12.2068	-8.6711	-0.2365
996	SLU 39	-0.6	-0.47	50.94	-12.4495	-8.8504	-0.2441
996	SLU 40	-0.6	-0.44	50.93	-12.449	-8.849	-0.2395
996	SLU 41	-0.6	-0.48	51.47	-12.5826	-8.9425	-0.2461
996	SLU 42	-0.6	-0.45	51.47	-12.5821	-8.9411	-0.2415
996	SLU 43	-0.59	-0.59	49.04	-12.0048	-8.5178	-0.264
996	SLU 44	-0.59	-0.55	49.03	-12.0039	-8.5156	-0.2563
996	SLU 45	-0.6	-0.6	49.95	-12.2312	-8.6761	-0.2679
996	SLU 46	-0.6	-0.57	49.95	-12.2306	-8.6748	-0.2632



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
996	SLU 47	-0.6	-0.55	49.56	-12.137	-8.6077	-0.2583
996	SLU 48	-0.61	-0.61	50.48	-12.3643	-8.7682	-0.2699
996	SLU 49	-0.61	-0.58	50.48	-12.3637	-8.7669	-0.2653
996	SLU 50	-0.6	-0.61	50.1	-12.271	-8.702	-0.268
996	SLU 51	-0.6	-0.58	50.09	-12.2704	-8.7007	-0.2634
996	SLU 52	-0.65	-0.56	53.89	-13.19	-9.3607	-0.2726
996	SLU 53	-0.66	-0.61	54.81	-13.4173	-9.5212	-0.2842
996	SLU 54	-0.66	-0.58	54.81	-13.4168	-9.5199	-0.2796
996	SLU 55	-0.65	-0.56	54.42	-13.3231	-9.4528	-0.2747
996	SLU 56	-0.66	-0.62	55.34	-13.5504	-9.6133	-0.2862
996	SLU 57	-0.66	-0.59	55.34	-13.5499	-9.612	-0.2816
996	SLU 58	-0.65	-0.62	54.96	-13.4571	-9.5471	-0.2844
996	SLU 59	-0.65	-0.59	54.95	-13.4566	-9.5458	-0.2798
996	SLU 60	-0.67	-0.61	55.98	-13.6993	-9.7251	-0.2873
996	SLU 61	-0.67	-0.58	55.98	-13.6988	-9.7238	-0.2827
996	SLU 62	-0.67	-0.62	56.51	-13.8324	-9.8172	-0.2893
996	SLU 63	-0.67	-0.59	56.51	-13.8318	-9.8159	-0.2847
996	SLU 64	-0.65	-0.59	54	-13.208	-9.3811	-0.278
996	SLU 65	-0.65	-0.55	53.99	-13.2071	-9.3788	-0.2703
996	SLU 66	-0.66	-0.6	54.92	-13.4344	-9.5394	-0.2819
996	SLU 67	-0.66	-0.57	54.91	-13.4339	-9.538	-0.2772
996	SLU 68	-0.65	-0.55	54.52	-13.3402	-9.4709	-0.2723
996	SLU 69	-0.66	-0.61	55.45	-13.5675	-9.6315	-0.2839
996	SLU 70	-0.66	-0.58	55.44	-13.5669	-9.6301	-0.2793
996	SLU 71	-0.65	-0.61	55.06	-13.4742	-9.5653	-0.282
996	SLU 72	-0.65	-0.58	55.06	-13.4737	-9.5639	-0.2774
996	SLU 73	-0.7	-0.56	58.85	-14.3933	-10.2239	-0.2866
996	SLU 74	-0.71	-0.61	59.78	-14.6206	-10.3845	-0.2982
996	SLU 75	-0.71	-0.58	59.77	-14.62	-10.3831	-0.2936
996	SLU 76	-0.7	-0.56	59.38	-14.5264	-10.316	-0.2887
996	SLU 77	-0.71	-0.62	60.31	-14.7536	-10.4766	-0.3002
996	SLU 78	-0.71	-0.59	60.3	-14.7531	-10.4752	-0.2956
996	SLU 79	-0.71	-0.62	59.93	-14.6604	-10.4104	-0.2984
996	SLU 80	-0.71	-0.59	59.92	-14.6598	-10.409	-0.2938
996	SLU 81	-0.72	-0.61	60.95	-14.9025	-10.5883	-0.3013
996	SLU 82	-0.72	-0.58	60.94	-14.902	-10.587	-0.2967
996	SLU 83	-0.73	-0.62	61.48	-15.0356	-10.6805	-0.3034
996	SLU 84	-0.73	-0.59	61.47	-15.0351	-10.6791	-0.2987
996	SLE RA 1	-0.48	-0.46	40.45	-9.8956	-7.0265	-0.2108
996	SLE RA 2	-0.49	-0.42	40.44	-9.895	-7.025	-0.2056
996	SLE RA 3	-0.49	-0.46	41.06	-10.0465	-7.132	-0.2133
996	SLE RA 4	-0.49	-0.44	41.05	-10.0461	-7.1311	-0.2103
996	SLE RA 5	-0.49	-0.43	40.8	-9.9837	-7.0864	-0.207
996	SLE RA 6	-0.49	-0.46	41.41	-10.1352	-7.1934	-0.2147
996	SLE RA 7	-0.49	-0.45	41.41	-10.1349	-7.1925	-0.2116
996	SLE RA 8	-0.49	-0.46	41.16	-10.073	-7.1493	-0.2135
996	SLE RA 9	-0.49	-0.45	41.15	-10.0727	-7.1484	-0.2104
996	SLE RA 10	-0.52	-0.43	43.68	-10.6857	-7.5884	-0.2165
996	SLE RA 11	-0.53	-0.47	44.3	-10.8373	-7.6954	-0.2242
996	SLE RA 12	-0.53	-0.45	44.3	-10.8369	-7.6945	-0.2212
996	SLE RA 13	-0.52	-0.44	44.04	-10.7745	-7.6498	-0.2179
996	SLE RA 14	-0.53	-0.47	44.65	-10.926	-7.7568	-0.2256
996	SLE RA 15	-0.53	-0.45	44.65	-10.9256	-7.7559	-0.2225
996	SLE RA 16	-0.52	-0.47	44.4	-10.8638	-7.7127	-0.2244
996	SLE RA 17	-0.53	-0.45	44.39	-10.8634	-7.7118	-0.2213
996	SLE RA 18	-0.54	-0.47	45.08	-11.0253	-7.8313	-0.2263
996	SLE RA 19	-0.54	-0.45	45.07	-11.0249	-7.8304	-0.2232
996	SLE RA 20	-0.54	-0.47	45.43	-11.114	-7.8927	-0.2277
996	SLE RA 21	-0.54	-0.45	45.43	-11.1136	-7.8918	-0.2246
996	SLE FR 1	-0.48	-0.46	40.45	-9.8956	-7.0265	-0.2108
996	SLE FR 2	-0.49	-0.45	40.45	-9.8955	-7.0262	-0.2097
996	SLE FR 3	-0.49	-0.46	40.59	-9.9311	-7.051	-0.2113
996	SLE FR 4	-0.5	-0.45	41.84	-10.2344	-7.2676	-0.2144
996	SLE FR 5	-0.5	-0.46	41.98	-10.27	-7.2925	-0.216
996	SLE FR 6	-0.51	-0.46	42.76	-10.4604	-7.4289	-0.2185
996	SLE QP 1	-0.48	-0.46	40.45	-9.8956	-7.0265	-0.2108
996	SLE QP 2	-0.5	-0.46	41.84	-10.2345	-7.2679	-0.2154
996	SLD 1	2.92	-0.37	49.23	-11.5134	-8.5579	0.713
996	SLD 2	2.57	-0.58	49.29	-11.5861	-8.566	0.5816
996	SLD 3	2.86	-1.19	50.05	-11.7094	-8.7053	0.5547
996	SLD 4	2.51	-1.4	50.11	-11.7821	-8.7135	0.4233
996	SLD 5	0.68	0.86	42.81	-10.3079	-7.4298	0.3268
996	SLD 6	0.45	0.72	42.85	-10.3558	-7.4352	0.2403
996	SLD 7	0.48	-1.89	45.53	-10.9611	-7.9213	-0.201
996	SLD 8	0.25	-2.03	45.57	-11.009	-7.9267	-0.2875
996	SLD 9	-1.25	1.11	38.11	-9.4599	-6.6091	-0.1434
996	SLD 10	-1.48	0.97	38.15	-9.5078	-6.6145	-0.2299
996	SLD 11	-1.45	-1.64	40.83	-10.1132	-7.1007	-0.6711
996	SLD 12	-1.68	-1.78	40.87	-10.1611	-7.1061	-0.7577
996	SLD 13	-3.51	0.49	33.57	-8.6869	-5.8224	-0.8542
996	SLD 14	-3.86	0.28	33.63	-8.7596	-5.8305	-0.9856
996	SLD 15	-3.57	-0.34	34.38	-8.8828	-5.9698	-1.0125
996	SLD 16	-3.92	-0.55	34.44	-8.9556	-5.978	-1.1439
996	SLV 1	7.5	-0.28	59.17	-13.2347	-10.2914	1.9504
996	SLV 2	6.68	-0.77	59.31	-13.4041	-10.3104	1.6444
996	SLV 3	7.36	-2.15	61.02	-13.6789	-10.6262	1.5919
996	SLV 4	6.54	-2.64	61.16	-13.8484	-10.6452	1.2859
996	SLV 5	2.26	2.51	44.2	-10.4313	-7.6639	1.0312
996	SLV 6	1.72	2.2	44.3	-10.5409	-7.6762	0.8332



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
996	SLV 7	1.79	-3.72	50.37	-11.9123	-8.7799	-0.1639
996	SLV 8	1.26	-4.03	50.47	-12.0219	-8.7922	-0.3619
996	SLV 9	-2.26	3.11	33.21	-8.4471	-5.7437	-0.069
996	SLV 10	-2.79	2.8	33.3	-8.5567	-5.756	-0.267
996	SLV 11	-2.72	-3.12	39.38	-9.928	-6.8597	-1.264
996	SLV 12	-3.26	-3.43	39.47	-10.0377	-6.872	-1.4621
996	SLV 13	-7.54	1.72	22.51	-6.6206	-3.8907	-1.7168
996	SLV 14	-8.37	1.23	22.66	-6.79	-3.9097	-2.0228
996	SLV 15	-7.68	-0.15	24.36	-7.0649	-4.2255	-2.0753
996	SLV 16	-8.5	-0.64	24.51	-7.2343	-4.2445	-2.3813
996	CRTFP Ux+	0	0	0	0	0	0
996	CRTFP Ux-	0	0	0	0	0	0
996	CRTFP Uy+	0	0	0	0	0	0
996	CRTFP Uy-	0	0	0	0	0	0
998	SLU 1	-0.43	-0.42	35.02	-10.3357	-0.9245	-0.1613
998	SLU 2	-0.43	-0.38	35.01	-10.3362	-0.9243	-0.161
998	SLU 3	-0.44	-0.42	35.84	-10.5792	-0.9461	-0.1645
998	SLU 4	-0.44	-0.4	35.83	-10.5795	-0.9459	-0.1644
998	SLU 5	-0.43	-0.38	35.49	-10.4814	-0.9368	-0.1621
998	SLU 6	-0.44	-0.43	36.31	-10.7243	-0.9586	-0.1656
998	SLU 7	-0.44	-0.4	36.31	-10.7247	-0.9585	-0.1655
998	SLU 8	-0.43	-0.43	35.97	-10.626	-0.9497	-0.1635
998	SLU 9	-0.44	-0.4	35.97	-10.6263	-0.9495	-0.1634
998	SLU 10	-0.48	-0.39	39.36	-11.5995	-1.0389	-0.1786
998	SLU 11	-0.49	-0.44	40.19	-11.8424	-1.0607	-0.1821
998	SLU 12	-0.49	-0.41	40.18	-11.8428	-1.0605	-0.1819
998	SLU 13	-0.48	-0.39	39.84	-11.7447	-1.0514	-0.1797
998	SLU 14	-0.49	-0.44	40.67	-11.9876	-1.0732	-0.1832
998	SLU 15	-0.49	-0.42	40.66	-11.9879	-1.0731	-0.1831
998	SLU 16	-0.48	-0.44	40.32	-11.8892	-1.0642	-0.1811
998	SLU 17	-0.49	-0.41	40.32	-11.8896	-1.0641	-0.1809
998	SLU 18	-0.5	-0.43	41.23	-12.1403	-1.0882	-0.1864
998	SLU 19	-0.5	-0.41	41.23	-12.1407	-1.0881	-0.1862
998	SLU 20	-0.5	-0.44	41.71	-12.2855	-1.1008	-0.1875
998	SLU 21	-0.5	-0.41	41.71	-12.2858	-1.1006	-0.1873
998	SLU 22	-0.48	-0.42	39.46	-11.6135	-1.0414	-0.1783
998	SLU 23	-0.48	-0.37	39.45	-11.6141	-1.0412	-0.1781
998	SLU 24	-0.49	-0.42	40.28	-11.857	-1.0629	-0.1816
998	SLU 25	-0.49	-0.4	40.27	-11.8573	-1.0628	-0.1815
998	SLU 26	-0.48	-0.38	39.93	-11.7592	-1.0537	-0.1792
998	SLU 27	-0.49	-0.43	40.75	-12.0021	-1.0755	-0.1827
998	SLU 28	-0.49	-0.4	40.75	-12.0025	-1.0754	-0.1826
998	SLU 29	-0.48	-0.43	40.41	-11.9038	-1.0665	-0.1806
998	SLU 30	-0.49	-0.4	40.41	-11.9041	-1.0664	-0.1804
998	SLU 31	-0.53	-0.38	43.8	-12.8773	-1.1557	-0.1957
998	SLU 32	-0.54	-0.43	44.63	-13.1203	-1.1775	-0.1992
998	SLU 33	-0.54	-0.41	44.62	-13.1206	-1.1774	-0.199
998	SLU 34	-0.53	-0.39	44.28	-13.0225	-1.1683	-0.1968
998	SLU 35	-0.54	-0.44	45.11	-13.2654	-1.1901	-0.2003
998	SLU 36	-0.54	-0.41	45.1	-13.2658	-1.1899	-0.2001
998	SLU 37	-0.53	-0.44	44.76	-13.1671	-1.1811	-0.1981
998	SLU 38	-0.53	-0.41	44.76	-13.1674	-1.181	-0.198
998	SLU 39	-0.55	-0.43	45.67	-13.4182	-1.2051	-0.2034
998	SLU 40	-0.55	-0.41	45.67	-13.4185	-1.2049	-0.2033
998	SLU 41	-0.55	-0.44	46.15	-13.5633	-1.2177	-0.2045
998	SLU 42	-0.55	-0.41	46.15	-13.5637	-1.2175	-0.2044
998	SLU 43	-0.54	-0.54	44	-12.9982	-1.1618	-0.2038
998	SLU 44	-0.54	-0.5	43.99	-12.9988	-1.1616	-0.2036
998	SLU 45	-0.55	-0.55	44.82	-13.2417	-1.1834	-0.2071
998	SLU 46	-0.55	-0.52	44.82	-13.2421	-1.1832	-0.2069
998	SLU 47	-0.55	-0.51	44.47	-13.144	-1.1741	-0.2047
998	SLU 48	-0.55	-0.56	45.3	-13.3869	-1.1959	-0.2082
998	SLU 49	-0.55	-0.53	45.29	-13.3872	-1.1958	-0.208
998	SLU 50	-0.55	-0.56	44.96	-13.2885	-1.187	-0.206
998	SLU 51	-0.55	-0.53	44.95	-13.2889	-1.1868	-0.2059
998	SLU 52	-0.59	-0.51	48.34	-14.2621	-1.2762	-0.2211
998	SLU 53	-0.6	-0.56	49.17	-14.505	-1.2979	-0.2246
998	SLU 54	-0.6	-0.54	49.17	-14.5054	-1.2978	-0.2245
998	SLU 55	-0.6	-0.52	48.82	-14.4072	-1.2887	-0.2222
998	SLU 56	-0.6	-0.57	49.65	-14.6502	-1.3105	-0.2257
998	SLU 57	-0.6	-0.54	49.64	-14.6505	-1.3104	-0.2256
998	SLU 58	-0.6	-0.57	49.31	-14.5518	-1.3015	-0.2236
998	SLU 59	-0.6	-0.54	49.3	-14.5522	-1.3014	-0.2235
998	SLU 60	-0.61	-0.56	50.22	-14.8029	-1.3255	-0.2289
998	SLU 61	-0.61	-0.53	50.21	-14.8033	-1.3254	-0.2287
998	SLU 62	-0.61	-0.57	50.7	-14.9481	-1.3381	-0.23
998	SLU 63	-0.62	-0.54	50.69	-14.9484	-1.3379	-0.2299
998	SLU 64	-0.59	-0.54	48.44	-14.2761	-1.2787	-0.2209
998	SLU 65	-0.59	-0.5	48.43	-14.2767	-1.2784	-0.2206
998	SLU 66	-0.6	-0.55	49.26	-14.5196	-1.3002	-0.2241
998	SLU 67	-0.6	-0.52	49.25	-14.5199	-1.3001	-0.224
998	SLU 68	-0.6	-0.51	48.91	-14.4218	-1.291	-0.2217
998	SLU 69	-0.6	-0.55	49.74	-14.6647	-1.3128	-0.2252
998	SLU 70	-0.6	-0.53	49.73	-14.6651	-1.3126	-0.2251
998	SLU 71	-0.6	-0.55	49.4	-14.5664	-1.3038	-0.2231
998	SLU 72	-0.6	-0.53	49.39	-14.5667	-1.3037	-0.223
998	SLU 73	-0.64	-0.51	52.78	-15.5399	-1.393	-0.2382
998	SLU 74	-0.65	-0.56	53.61	-15.7828	-1.4148	-0.2417
998	SLU 75	-0.65	-0.53	53.61	-15.7832	-1.4147	-0.2415



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
998	SLU 76	-0.65	-0.52	53.26	-15.6851	-1.4056	-0.2393
998	SLU 77	-0.65	-0.57	54.09	-15.928	-1.4274	-0.2428
998	SLU 78	-0.65	-0.54	54.08	-15.9283	-1.4272	-0.2427
998	SLU 79	-0.65	-0.56	53.75	-15.8296	-1.4184	-0.2407
998	SLU 80	-0.65	-0.54	53.74	-15.83	-1.4183	-0.2405
998	SLU 81	-0.66	-0.56	54.66	-16.0807	-1.4424	-0.246
998	SLU 82	-0.66	-0.53	54.65	-16.0811	-1.4422	-0.2458
998	SLU 83	-0.66	-0.56	55.13	-16.2259	-1.4549	-0.2471
998	SLU 84	-0.67	-0.54	55.13	-16.2262	-1.4548	-0.2469
998	SLE RA 1	-0.44	-0.42	36.29	-10.7008	-0.9579	-0.1661
998	SLE RA 2	-0.44	-0.39	36.28	-10.7011	-0.9578	-0.166
998	SLE RA 3	-0.45	-0.42	36.83	-10.8631	-0.9723	-0.1683
998	SLE RA 4	-0.45	-0.4	36.83	-10.8633	-0.9722	-0.1682
998	SLE RA 5	-0.45	-0.39	36.6	-10.7979	-0.9661	-0.1667
998	SLE RA 6	-0.45	-0.43	37.15	-10.9599	-0.9807	-0.1691
998	SLE RA 7	-0.45	-0.41	37.15	-10.9601	-0.9806	-0.169
998	SLE RA 8	-0.45	-0.43	36.92	-10.8943	-0.9747	-0.1676
998	SLE RA 9	-0.45	-0.41	36.92	-10.8945	-0.9746	-0.1675
998	SLE RA 10	-0.48	-0.4	39.18	-11.5433	-1.0341	-0.1777
998	SLE RA 11	-0.48	-0.43	39.73	-11.7053	-1.0487	-0.18
998	SLE RA 12	-0.48	-0.41	39.73	-11.7055	-1.0486	-0.1799
998	SLE RA 13	-0.48	-0.4	39.5	-11.6401	-1.0425	-0.1784
998	SLE RA 14	-0.48	-0.43	40.05	-11.802	-1.057	-0.1808
998	SLE RA 15	-0.48	-0.42	40.05	-11.8023	-1.0569	-0.1807
998	SLE RA 16	-0.48	-0.43	39.82	-11.7365	-1.0511	-0.1793
998	SLE RA 17	-0.48	-0.42	39.82	-11.7367	-1.051	-0.1792
998	SLE RA 18	-0.49	-0.43	40.43	-11.9039	-1.0671	-0.1829
998	SLE RA 19	-0.49	-0.41	40.43	-11.9041	-1.0669	-0.1828
998	SLE RA 20	-0.49	-0.43	40.75	-12.0006	-1.0754	-0.1836
998	SLE RA 21	-0.49	-0.41	40.75	-12.0009	-1.0753	-0.1835
998	SLE FR 1	-0.44	-0.42	36.29	-10.7008	-0.9579	-0.1661
998	SLE FR 2	-0.44	-0.41	36.28	-10.7008	-0.9579	-0.1661
998	SLE FR 3	-0.44	-0.42	36.41	-10.7395	-0.9613	-0.1664
998	SLE FR 4	-0.46	-0.41	37.53	-11.0618	-0.9906	-0.1711
998	SLE FR 5	-0.46	-0.42	37.66	-11.1004	-0.994	-0.1715
998	SLE FR 6	-0.47	-0.42	38.36	-11.3023	-1.0125	-0.1745
998	SLE QP 1	-0.44	-0.42	36.29	-10.7008	-0.9579	-0.1661
998	SLE QP 2	-0.46	-0.42	37.53	-11.0617	-0.9907	-0.1712
998	SLD 1	2.79	-0.33	43.59	-11.9455	-1.1419	0.9654
998	SLD 2	2.46	-0.52	43.68	-12.0724	-1.1443	0.8444
998	SLD 3	2.73	-1.11	44.32	-12.1384	-1.1611	0.9295
998	SLD 4	2.4	-1.3	44.41	-12.2653	-1.1635	0.8085
998	SLD 5	0.66	0.82	38.23	-11.0115	-1.0065	0.2459
998	SLD 6	0.44	0.7	38.29	-11.0951	-1.008	0.1662
998	SLD 7	0.47	-1.77	40.65	-11.6545	-1.0705	0.1263
998	SLD 8	0.25	-1.9	40.71	-11.7381	-1.0721	0.0466
998	SLD 9	-1.17	1.06	34.34	-10.3853	-0.9093	-0.3889
998	SLD 10	-1.39	0.93	34.4	-10.4689	-0.9108	-0.4686
998	SLD 11	-1.36	-1.54	36.77	-11.0283	-0.9733	-0.5086
998	SLD 12	-1.58	-1.66	36.83	-11.1119	-0.9748	-0.5882
998	SLD 13	-3.32	0.46	30.65	-9.858	-0.8179	-1.1508
998	SLD 14	-3.65	0.27	30.74	-9.985	-0.8202	-1.2718
998	SLD 15	-3.37	-0.32	31.38	-10.0509	-0.8371	-1.1867
998	SLD 16	-3.7	-0.51	31.47	-10.1779	-0.8394	-1.3077
998	SLV 1	7.13	-0.24	51.73	-13.1371	-1.3453	2.4862
998	SLV 2	6.36	-0.68	51.95	-13.4328	-1.3507	2.2045
998	SLV 3	7	-2	53.39	-13.5749	-1.3889	2.4047
998	SLV 4	6.23	-2.45	53.6	-13.8705	-1.3943	2.123
998	SLV 5	2.15	2.39	39.25	-10.969	-1.03	0.7985
998	SLV 6	1.65	2.1	39.38	-11.1603	-1.0335	0.6162
998	SLV 7	1.72	-3.49	44.76	-12.4283	-1.1753	0.5269
998	SLV 8	1.22	-3.78	44.9	-12.6196	-1.1788	0.3446
998	SLV 9	-2.13	2.94	30.16	-9.5038	-0.8025	-0.6869
998	SLV 10	-2.63	2.65	30.3	-9.695	-0.806	-0.8692
998	SLV 11	-2.57	-2.94	35.68	-10.963	-0.9478	-0.9586
998	SLV 12	-3.07	-3.23	35.81	-11.1543	-0.9513	-1.1409
998	SLV 13	-7.15	1.61	21.46	-8.2528	-0.587	-2.4653
998	SLV 14	-7.92	1.16	21.67	-8.5484	-0.5925	-2.747
998	SLV 15	-7.28	-0.16	23.11	-8.6906	-0.6306	-2.5468
998	SLV 16	-8.05	-0.6	23.32	-8.9862	-0.636	-2.8285
998	CRTFP Ux+	0	0	0	0	0	0
998	CRTFP Ux-	0	0	0	0	0	0
998	CRTFP Uy+	0	0	0	0	0	0
998	CRTFP Uy-	0	0	0	0	0	0
999	SLU 1	-0.48	-0.45	38.61	-10.4204	0.0754	-0.1677
999	SLU 2	-0.49	-0.4	38.6	-10.4216	0.0754	-0.1688
999	SLU 3	-0.49	-0.46	39.51	-10.6626	0.0773	-0.1711
999	SLU 4	-0.5	-0.43	39.5	-10.6633	0.0774	-0.1718
999	SLU 5	-0.49	-0.41	39.12	-10.5672	0.0765	-0.1698
999	SLU 6	-0.5	-0.46	40.03	-10.8083	0.0785	-0.1721
999	SLU 7	-0.5	-0.43	40.03	-10.8089	0.0785	-0.1727
999	SLU 8	-0.49	-0.46	39.66	-10.7118	0.0776	-0.1696
999	SLU 9	-0.49	-0.43	39.65	-10.7125	0.0776	-0.1703
999	SLU 10	-0.54	-0.41	43.39	-11.6762	0.0851	-0.1885
999	SLU 11	-0.55	-0.47	44.3	-11.9172	0.087	-0.1908
999	SLU 12	-0.55	-0.44	44.29	-11.9179	0.0871	-0.1915
999	SLU 13	-0.55	-0.42	43.91	-11.8219	0.0863	-0.1895
999	SLU 14	-0.55	-0.47	44.82	-12.0629	0.0882	-0.1918
999	SLU 15	-0.55	-0.44	44.81	-12.0636	0.0882	-0.1924



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
999	SLU 16	-0.55	-0.47	44.45	-11.9664	0.0873	-0.1893
999	SLU 17	-0.55	-0.44	44.44	-11.9671	0.0874	-0.19
999	SLU 18	-0.56	-0.47	45.45	-12.2128	0.0893	-0.1959
999	SLU 19	-0.57	-0.44	45.44	-12.2135	0.0893	-0.1965
999	SLU 20	-0.57	-0.47	45.97	-12.3584	0.0904	-0.1968
999	SLU 21	-0.57	-0.44	45.97	-12.3591	0.0904	-0.1975
999	SLU 22	-0.54	-0.44	43.49	-11.6876	0.0853	-0.1872
999	SLU 23	-0.54	-0.4	43.48	-11.6888	0.0853	-0.1883
999	SLU 24	-0.55	-0.45	44.39	-11.9298	0.0872	-0.1906
999	SLU 25	-0.55	-0.42	44.39	-11.9305	0.0872	-0.1912
999	SLU 26	-0.55	-0.4	44.01	-11.8344	0.0864	-0.1892
999	SLU 27	-0.55	-0.46	44.92	-12.0754	0.0883	-0.1915
999	SLU 28	-0.55	-0.43	44.91	-12.0761	0.0884	-0.1922
999	SLU 29	-0.55	-0.46	44.54	-11.9789	0.0875	-0.1891
999	SLU 30	-0.55	-0.43	44.54	-11.9796	0.0875	-0.1897
999	SLU 31	-0.6	-0.41	48.27	-12.9434	0.095	-0.208
999	SLU 32	-0.61	-0.46	49.18	-13.1844	0.0969	-0.2103
999	SLU 33	-0.61	-0.43	49.17	-13.1851	0.097	-0.2109
999	SLU 34	-0.6	-0.41	48.79	-13.0891	0.0961	-0.2089
999	SLU 35	-0.61	-0.47	49.7	-13.3301	0.0981	-0.2112
999	SLU 36	-0.61	-0.44	49.7	-13.3308	0.0981	-0.2119
999	SLU 37	-0.6	-0.47	49.33	-13.2336	0.0972	-0.2088
999	SLU 38	-0.6	-0.44	49.32	-13.2343	0.0973	-0.2094
999	SLU 39	-0.62	-0.46	50.33	-13.48	0.0992	-0.2153
999	SLU 40	-0.62	-0.43	50.32	-13.4806	0.0992	-0.216
999	SLU 41	-0.62	-0.46	50.85	-13.6256	0.1003	-0.2163
999	SLU 42	-0.63	-0.44	50.85	-13.6263	0.1003	-0.2169
999	SLU 43	-0.61	-0.59	48.52	-13.1121	0.0946	-0.2114
999	SLU 44	-0.61	-0.54	48.51	-13.1133	0.0947	-0.2125
999	SLU 45	-0.62	-0.59	49.42	-13.3543	0.0966	-0.2148
999	SLU 46	-0.62	-0.57	49.41	-13.355	0.0966	-0.2155
999	SLU 47	-0.62	-0.55	49.03	-13.2589	0.0958	-0.2135
999	SLU 48	-0.62	-0.6	49.94	-13.4999	0.0977	-0.2157
999	SLU 49	-0.62	-0.57	49.94	-13.5006	0.0977	-0.2164
999	SLU 50	-0.62	-0.6	49.57	-13.4034	0.0969	-0.2133
999	SLU 51	-0.62	-0.57	49.56	-13.4041	0.0969	-0.214
999	SLU 52	-0.67	-0.55	53.3	-14.3679	0.1044	-0.2322
999	SLU 53	-0.68	-0.6	54.21	-14.6089	0.1063	-0.2345
999	SLU 54	-0.68	-0.58	54.2	-14.6096	0.1063	-0.2351
999	SLU 55	-0.67	-0.56	53.82	-14.5136	0.1055	-0.2331
999	SLU 56	-0.68	-0.61	54.73	-14.7546	0.1074	-0.2354
999	SLU 57	-0.68	-0.58	54.72	-14.7553	0.1074	-0.2361
999	SLU 58	-0.67	-0.61	54.36	-14.6581	0.1066	-0.233
999	SLU 59	-0.67	-0.58	54.35	-14.6588	0.1066	-0.2337
999	SLU 60	-0.69	-0.6	55.36	-14.9045	0.1085	-0.2395
999	SLU 61	-0.69	-0.57	55.35	-14.9051	0.1085	-0.2402
999	SLU 62	-0.69	-0.61	55.88	-15.0501	0.1096	-0.2405
999	SLU 63	-0.7	-0.58	55.88	-15.0508	0.1096	-0.2411
999	SLU 64	-0.67	-0.58	53.4	-14.3793	0.1045	-0.2308
999	SLU 65	-0.67	-0.53	53.39	-14.3804	0.1045	-0.2319
999	SLU 66	-0.68	-0.59	54.3	-14.6214	0.1065	-0.2342
999	SLU 67	-0.68	-0.56	54.3	-14.6221	0.1065	-0.2349
999	SLU 68	-0.67	-0.54	53.92	-14.5261	0.1057	-0.2329
999	SLU 69	-0.68	-0.59	54.83	-14.7671	0.1076	-0.2352
999	SLU 70	-0.68	-0.56	54.82	-14.7678	0.1076	-0.2358
999	SLU 71	-0.67	-0.59	54.45	-14.6706	0.1068	-0.2327
999	SLU 72	-0.67	-0.57	54.45	-14.6713	0.1068	-0.2334
999	SLU 73	-0.73	-0.54	58.18	-15.6351	0.1143	-0.2516
999	SLU 74	-0.73	-0.6	59.09	-15.8761	0.1162	-0.2539
999	SLU 75	-0.73	-0.57	59.08	-15.8768	0.1162	-0.2546
999	SLU 76	-0.73	-0.55	58.7	-15.7807	0.1154	-0.2526
999	SLU 77	-0.74	-0.6	59.61	-16.0217	0.1173	-0.2549
999	SLU 78	-0.74	-0.57	59.61	-16.0224	0.1173	-0.2555
999	SLU 79	-0.73	-0.6	59.24	-15.9253	0.1165	-0.2524
999	SLU 80	-0.73	-0.58	59.23	-15.9259	0.1165	-0.2531
999	SLU 81	-0.75	-0.6	60.24	-16.1716	0.1184	-0.259
999	SLU 82	-0.75	-0.57	60.23	-16.1723	0.1184	-0.2596
999	SLU 83	-0.75	-0.6	60.76	-16.3173	0.1195	-0.2599
999	SLU 84	-0.75	-0.57	60.76	-16.318	0.1195	-0.2606
999	SLE RA 1	-0.5	-0.45	40.01	-10.7825	0.0782	-0.1733
999	SLE RA 2	-0.5	-0.42	40	-10.7833	0.0782	-0.174
999	SLE RA 3	-0.51	-0.45	40.61	-10.9439	0.0795	-0.1756
999	SLE RA 4	-0.51	-0.43	40.6	-10.9444	0.0795	-0.176
999	SLE RA 5	-0.5	-0.42	40.35	-10.8804	0.079	-0.1747
999	SLE RA 6	-0.51	-0.46	40.96	-11.041	0.0803	-0.1762
999	SLE RA 7	-0.51	-0.44	40.95	-11.0415	0.0803	-0.1766
999	SLE RA 8	-0.5	-0.46	40.71	-10.9767	0.0797	-0.1746
999	SLE RA 9	-0.5	-0.44	40.7	-10.9772	0.0797	-0.175
999	SLE RA 10	-0.54	-0.42	43.19	-11.6197	0.0847	-0.1872
999	SLE RA 11	-0.54	-0.46	43.8	-11.7804	0.086	-0.1887
999	SLE RA 12	-0.55	-0.44	43.79	-11.7808	0.086	-0.1891
999	SLE RA 13	-0.54	-0.43	43.54	-11.7168	0.0855	-0.1878
999	SLE RA 14	-0.55	-0.46	44.15	-11.8775	0.0867	-0.1893
999	SLE RA 15	-0.55	-0.44	44.14	-11.8779	0.0867	-0.1898
999	SLE RA 16	-0.54	-0.46	43.9	-11.8131	0.0862	-0.1877
999	SLE RA 17	-0.54	-0.44	43.89	-11.8136	0.0862	-0.1881
999	SLE RA 18	-0.55	-0.46	44.56	-11.9774	0.0875	-0.192
999	SLE RA 19	-0.55	-0.44	44.56	-11.9778	0.0875	-0.1925
999	SLE RA 20	-0.56	-0.46	44.91	-12.0745	0.0882	-0.1927



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
999	SLE RA 21	-0.56	-0.44	44.91	-12.075	0.0882	-0.1931
999	SLE FR 1	-0.5	-0.45	40.01	-10.7825	0.0782	-0.1733
999	SLE FR 2	-0.5	-0.44	40.01	-10.7826	0.0782	-0.1734
999	SLE FR 3	-0.5	-0.45	40.15	-10.8213	0.0785	-0.1735
999	SLE FR 4	-0.52	-0.45	41.37	-11.1411	0.081	-0.1791
999	SLE FR 5	-0.52	-0.45	41.51	-11.1798	0.0813	-0.1792
999	SLE FR 6	-0.53	-0.45	42.29	-11.3799	0.0828	-0.1827
999	SLE QP 1	-0.5	-0.45	40.01	-10.7825	0.0782	-0.1733
999	SLE QP 2	-0.52	-0.45	41.37	-11.141	0.081	-0.1789
999	SLD 1	3.29	-0.31	47.71	-11.74	0.1037	1.1537
999	SLD 2	2.9	-0.52	47.8	-11.8873	0.1045	1.0188
999	SLD 3	3.22	-1.22	48.52	-11.922	0.1052	1.1308
999	SLD 4	2.83	-1.43	48.61	-12.0694	0.1061	0.9959
999	SLD 5	0.79	1	42.04	-11.0181	0.0853	0.2798
999	SLD 6	0.54	0.86	42.1	-11.1151	0.0858	0.1909
999	SLD 7	0.57	-2.01	44.72	-11.625	0.0905	0.2035
999	SLD 8	0.32	-2.15	44.78	-11.722	0.091	0.1146
999	SLD 9	-1.35	1.25	37.97	-10.5599	0.071	-0.4724
999	SLD 10	-1.61	1.11	38.03	-10.6569	0.0715	-0.5613
999	SLD 11	-1.57	-1.76	40.65	-11.1668	0.0762	-0.5488
999	SLD 12	-1.83	-1.9	40.71	-11.2638	0.0767	-0.6376
999	SLD 13	-3.87	0.52	34.14	-10.2126	0.0559	-1.3537
999	SLD 14	-4.25	0.31	34.23	-10.3599	0.0568	-1.4887
999	SLD 15	-3.93	-0.38	34.95	-10.3946	0.0575	-1.3766
999	SLD 16	-4.32	-0.59	35.03	-10.542	0.0583	-1.5116
999	SLV 1	8.38	-0.16	56.24	-12.5491	0.1341	2.938
999	SLV 2	7.48	-0.65	56.44	-12.8922	0.136	2.6238
999	SLV 3	8.23	-2.21	58.06	-12.963	0.1376	2.8853
999	SLV 4	7.33	-2.7	58.27	-13.3062	0.1396	2.571
999	SLV 5	2.54	2.83	43.03	-10.876	0.0913	0.8908
999	SLV 6	1.96	2.51	43.16	-11.098	0.0925	0.6874
999	SLV 7	2.03	-4	49.11	-12.2559	0.103	0.7148
999	SLV 8	1.45	-4.32	49.24	-12.4779	0.1043	0.5115
999	SLV 9	-2.48	3.42	33.5	-9.804	0.0577	-0.8693
999	SLV 10	-3.07	3.1	33.64	-10.026	0.059	-1.0726
999	SLV 11	-2.99	-3.41	39.58	-11.1839	0.0695	-1.0453
999	SLV 12	-3.57	-3.73	39.72	-11.4059	0.0707	-1.2486
999	SLV 13	-8.36	1.8	24.48	-8.9758	0.0224	-2.9288
999	SLV 14	-9.26	1.31	24.69	-9.3189	0.0244	-3.2431
999	SLV 15	-8.51	-0.25	26.3	-9.3898	0.026	-2.9816
999	SLV 16	-9.41	-0.74	26.51	-9.7329	0.0279	-3.2959
999	CRTFP Ux+	0	0	0	0	0	0
999	CRTFP Ux-	0	0	0	0	0	0
999	CRTFP Uy+	0	0	0	0	0	0
999	CRTFP Uy-	0	0	0	0	0	0
1000	SLU 1	-0.46	-0.39	36.46	-8.9817	0.0594	-0.1599
1000	SLU 2	-0.47	-0.34	36.45	-8.9827	0.0594	-0.161
1000	SLU 3	-0.47	-0.39	37.3	-9.1866	0.0609	-0.1631
1000	SLU 4	-0.47	-0.37	37.3	-9.1872	0.0609	-0.1637
1000	SLU 5	-0.47	-0.35	36.94	-9.1068	0.0603	-0.1618
1000	SLU 6	-0.47	-0.4	37.79	-9.3106	0.0618	-0.1639
1000	SLU 7	-0.48	-0.37	37.79	-9.3112	0.0618	-0.1645
1000	SLU 8	-0.47	-0.4	37.44	-9.2299	0.0611	-0.1615
1000	SLU 9	-0.47	-0.37	37.44	-9.2305	0.0612	-0.1621
1000	SLU 10	-0.52	-0.35	40.96	-10.049	0.0669	-0.1801
1000	SLU 11	-0.53	-0.4	41.81	-10.2528	0.0684	-0.1822
1000	SLU 12	-0.53	-0.37	41.81	-10.2534	0.0684	-0.1828
1000	SLU 13	-0.52	-0.35	41.45	-10.173	0.0678	-0.1809
1000	SLU 14	-0.53	-0.4	42.31	-10.3769	0.0693	-0.183
1000	SLU 15	-0.53	-0.38	42.3	-10.3775	0.0693	-0.1836
1000	SLU 16	-0.52	-0.41	41.95	-10.2961	0.0686	-0.1806
1000	SLU 17	-0.52	-0.38	41.95	-10.2967	0.0687	-0.1812
1000	SLU 18	-0.54	-0.4	42.9	-10.5049	0.0701	-0.1872
1000	SLU 19	-0.54	-0.37	42.9	-10.5055	0.0701	-0.1879
1000	SLU 20	-0.54	-0.4	43.4	-10.629	0.0709	-0.188
1000	SLU 21	-0.55	-0.38	43.39	-10.6296	0.071	-0.1886
1000	SLU 22	-0.52	-0.37	41.06	-10.0574	0.067	-0.1787
1000	SLU 23	-0.52	-0.33	41.05	-10.0584	0.067	-0.1798
1000	SLU 24	-0.53	-0.38	41.91	-10.2622	0.0685	-0.1819
1000	SLU 25	-0.53	-0.35	41.9	-10.2628	0.0685	-0.1825
1000	SLU 26	-0.52	-0.33	41.54	-10.1824	0.0679	-0.1805
1000	SLU 27	-0.53	-0.38	42.4	-10.3863	0.0694	-0.1826
1000	SLU 28	-0.53	-0.36	42.39	-10.3869	0.0694	-0.1833
1000	SLU 29	-0.52	-0.39	42.05	-10.3055	0.0688	-0.1803
1000	SLU 30	-0.52	-0.36	42.04	-10.3061	0.0688	-0.1809
1000	SLU 31	-0.58	-0.33	45.56	-11.1246	0.0745	-0.1989
1000	SLU 32	-0.58	-0.38	46.42	-11.3285	0.076	-0.201
1000	SLU 33	-0.58	-0.36	46.41	-11.3291	0.076	-0.2016
1000	SLU 34	-0.58	-0.34	46.05	-11.2487	0.0754	-0.1996
1000	SLU 35	-0.58	-0.39	46.91	-11.4525	0.0769	-0.2018
1000	SLU 36	-0.59	-0.36	46.9	-11.4531	0.0769	-0.2024
1000	SLU 37	-0.58	-0.39	46.56	-11.3717	0.0762	-0.1994
1000	SLU 38	-0.58	-0.36	46.55	-11.3723	0.0763	-0.2
1000	SLU 39	-0.6	-0.38	47.51	-11.5806	0.0777	-0.206
1000	SLU 40	-0.6	-0.35	47.5	-11.5812	0.0777	-0.2066
1000	SLU 41	-0.6	-0.39	48	-11.7046	0.0786	-0.2068
1000	SLU 42	-0.6	-0.36	47.99	-11.7052	0.0786	-0.2074
1000	SLU 43	-0.58	-0.51	45.82	-11.3075	0.0746	-0.2015
1000	SLU 44	-0.59	-0.46	45.81	-11.3085	0.0746	-0.2025



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1000	SLU 45	-0.59	-0.52	46.66	-11.5123	0.0761	-0.2046
1000	SLU 46	-0.59	-0.49	46.66	-11.5129	0.0761	-0.2053
1000	SLU 47	-0.59	-0.47	46.3	-11.4325	0.0755	-0.2033
1000	SLU 48	-0.6	-0.52	47.15	-11.6364	0.077	-0.2054
1000	SLU 49	-0.6	-0.49	47.15	-11.637	0.077	-0.206
1000	SLU 50	-0.59	-0.52	46.8	-11.5556	0.0763	-0.203
1000	SLU 51	-0.59	-0.49	46.8	-11.5562	0.0764	-0.2036
1000	SLU 52	-0.64	-0.47	50.32	-12.3747	0.0821	-0.2216
1000	SLU 53	-0.65	-0.52	51.17	-12.5786	0.0836	-0.2237
1000	SLU 54	-0.65	-0.49	51.17	-12.5792	0.0836	-0.2244
1000	SLU 55	-0.64	-0.48	50.81	-12.4988	0.083	-0.2224
1000	SLU 56	-0.65	-0.53	51.67	-12.7026	0.0845	-0.2245
1000	SLU 57	-0.65	-0.5	51.66	-12.7032	0.0845	-0.2251
1000	SLU 58	-0.64	-0.53	51.31	-12.6218	0.0838	-0.2221
1000	SLU 59	-0.65	-0.5	51.31	-12.6224	0.0839	-0.2228
1000	SLU 60	-0.66	-0.52	52.26	-12.8307	0.0852	-0.2288
1000	SLU 61	-0.66	-0.49	52.26	-12.8313	0.0853	-0.2294
1000	SLU 62	-0.66	-0.52	52.76	-12.9547	0.0861	-0.2295
1000	SLU 63	-0.67	-0.5	52.75	-12.9553	0.0862	-0.2302
1000	SLU 64	-0.64	-0.5	50.42	-12.3831	0.0822	-0.2202
1000	SLU 65	-0.64	-0.45	50.41	-12.3841	0.0822	-0.2213
1000	SLU 66	-0.65	-0.5	51.26	-12.5879	0.0837	-0.2234
1000	SLU 67	-0.65	-0.47	51.26	-12.5886	0.0837	-0.224
1000	SLU 68	-0.64	-0.46	50.9	-12.5082	0.0831	-0.2221
1000	SLU 69	-0.65	-0.51	51.76	-12.712	0.0846	-0.2242
1000	SLU 70	-0.65	-0.48	51.75	-12.7126	0.0846	-0.2248
1000	SLU 71	-0.64	-0.51	51.41	-12.6312	0.084	-0.2218
1000	SLU 72	-0.64	-0.48	51.4	-12.6318	0.084	-0.2224
1000	SLU 73	-0.7	-0.46	54.92	-13.4504	0.0897	-0.2404
1000	SLU 74	-0.7	-0.51	55.78	-13.6542	0.0912	-0.2425
1000	SLU 75	-0.7	-0.48	55.77	-13.6548	0.0912	-0.2431
1000	SLU 76	-0.7	-0.46	55.41	-13.5744	0.0906	-0.2412
1000	SLU 77	-0.7	-0.51	56.27	-13.7782	0.0921	-0.2433
1000	SLU 78	-0.71	-0.48	56.26	-13.7789	0.0921	-0.2439
1000	SLU 79	-0.7	-0.51	55.92	-13.6975	0.0914	-0.2409
1000	SLU 80	-0.7	-0.49	55.91	-13.6981	0.0915	-0.2415
1000	SLU 81	-0.72	-0.5	56.87	-13.9063	0.0929	-0.2475
1000	SLU 82	-0.72	-0.48	56.86	-13.9069	0.0929	-0.2482
1000	SLU 83	-0.72	-0.51	57.36	-14.0304	0.0938	-0.2483
1000	SLU 84	-0.72	-0.48	57.35	-14.031	0.0938	-0.249
1000	SLE RA 1	-0.48	-0.38	37.77	-9.2891	0.0615	-0.1653
1000	SLE RA 2	-0.48	-0.35	37.77	-9.2897	0.0616	-0.166
1000	SLE RA 3	-0.49	-0.39	38.34	-9.4256	0.0626	-0.1674
1000	SLE RA 4	-0.49	-0.37	38.33	-9.426	0.0626	-0.1678
1000	SLE RA 5	-0.48	-0.36	38.09	-9.3724	0.0622	-0.1665
1000	SLE RA 6	-0.49	-0.39	38.66	-9.5083	0.0632	-0.1679
1000	SLE RA 7	-0.49	-0.37	38.66	-9.5087	0.0632	-0.1683
1000	SLE RA 8	-0.48	-0.39	38.43	-9.4545	0.0627	-0.1663
1000	SLE RA 9	-0.48	-0.37	38.43	-9.4549	0.0627	-0.1667
1000	SLE RA 10	-0.52	-0.36	40.77	-10.0006	0.0665	-0.1787
1000	SLE RA 11	-0.52	-0.39	41.34	-10.1365	0.0675	-0.1801
1000	SLE RA 12	-0.52	-0.37	41.34	-10.1369	0.0676	-0.1806
1000	SLE RA 13	-0.52	-0.36	41.1	-10.0833	0.0671	-0.1793
1000	SLE RA 14	-0.52	-0.4	41.67	-10.2192	0.0681	-0.1807
1000	SLE RA 15	-0.52	-0.38	41.67	-10.2196	0.0682	-0.1811
1000	SLE RA 16	-0.52	-0.4	41.44	-10.1653	0.0677	-0.1791
1000	SLE RA 17	-0.52	-0.38	41.43	-10.1657	0.0677	-0.1795
1000	SLE RA 18	-0.53	-0.39	42.07	-10.3045	0.0687	-0.1835
1000	SLE RA 19	-0.53	-0.37	42.07	-10.3049	0.0687	-0.1839
1000	SLE RA 20	-0.53	-0.39	42.4	-10.3872	0.0693	-0.184
1000	SLE RA 21	-0.53	-0.38	42.39	-10.3876	0.0693	-0.1844
1000	SLE FR 1	-0.48	-0.38	37.77	-9.2891	0.0615	-0.1653
1000	SLE FR 2	-0.48	-0.38	37.77	-9.2892	0.0615	-0.1654
1000	SLE FR 3	-0.48	-0.39	37.91	-9.3221	0.0618	-0.1655
1000	SLE FR 4	-0.5	-0.38	39.06	-9.5938	0.0637	-0.1709
1000	SLE FR 5	-0.5	-0.39	39.19	-9.6268	0.0639	-0.171
1000	SLE FR 6	-0.51	-0.39	39.92	-9.7968	0.0651	-0.1744
1000	SLE QP 1	-0.48	-0.38	37.77	-9.2891	0.0615	-0.1653
1000	SLE QP 2	-0.49	-0.39	39.06	-9.5937	0.0637	-0.1708
1000	SLD 1	3.31	-0.18	44.77	-9.9299	0.0813	1.1639
1000	SLD 2	2.93	-0.38	44.82	-10.0597	0.0823	1.0292
1000	SLD 3	3.25	-1.08	45.53	-10.0792	0.0823	1.141
1000	SLD 4	2.86	-1.28	45.59	-10.209	0.0834	1.0064
1000	SLD 5	0.82	1.07	39.6	-9.4449	0.0672	0.2884
1000	SLD 6	0.56	0.94	39.64	-9.5304	0.0679	0.1997
1000	SLD 7	0.6	-1.92	42.15	-9.9425	0.0706	0.2123
1000	SLD 8	0.34	-2.05	42.19	-10.028	0.0713	0.1236
1000	SLD 9	-1.33	1.28	35.94	-9.1594	0.056	-0.4651
1000	SLD 10	-1.59	1.15	35.97	-9.2449	0.0567	-0.5538
1000	SLD 11	-1.55	-1.71	38.48	-9.657	0.0595	-0.5412
1000	SLD 12	-1.8	-1.84	38.52	-9.7425	0.0602	-0.6299
1000	SLD 13	-3.85	0.51	32.54	-8.9784	0.044	-1.3479
1000	SLD 14	-4.24	0.31	32.6	-9.1082	0.045	-1.4825
1000	SLD 15	-3.92	-0.39	33.3	-9.1277	0.045	-1.3707
1000	SLD 16	-4.3	-0.59	33.36	-9.2575	0.0461	-1.5054
1000	SLV 1	8.41	0.05	52.43	-10.385	0.1049	2.9508
1000	SLV 2	7.51	-0.41	52.57	-10.6874	0.1074	2.6373
1000	SLV 3	8.26	-1.98	54.17	-10.7253	0.1073	2.8982
1000	SLV 4	7.36	-2.44	54.3	-11.0277	0.1097	2.5846



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1000	SLV 5	2.56	2.91	40.42	-9.2625	0.072	0.8999
1000	SLV 6	1.98	2.61	40.51	-9.4582	0.0736	0.697
1000	SLV 7	2.06	-3.87	46.2	-10.3968	0.0799	0.7246
1000	SLV 8	1.48	-4.17	46.29	-10.5925	0.0815	0.5217
1000	SLV 9	-2.47	3.39	31.84	-8.5949	0.0459	-0.8632
1000	SLV 10	-3.05	3.09	31.93	-8.7906	0.0475	-1.0661
1000	SLV 11	-2.97	-3.38	37.62	-9.7292	0.0537	-1.0385
1000	SLV 12	-3.55	-3.68	37.71	-9.9249	0.0553	-1.2414
1000	SLV 13	-8.35	1.67	23.82	-8.1597	0.0176	-2.9261
1000	SLV 14	-9.25	1.21	23.96	-8.4621	0.0201	-3.2397
1000	SLV 15	-8.5	-0.36	25.56	-8.5	0.02	-2.9788
1000	SLV 16	-9.4	-0.83	25.69	-8.8024	0.0224	-3.2923
1000	CRTFP Ux+	0	0	0	0	0	0
1000	CRTFP Ux-	0	0	0	0	0	0
1000	CRTFP Uy+	0	0	0	0	0	0
1000	CRTFP Uy-	0	0	0	0	0	0
1001	SLU 1	-0.44	-0.31	34.87	-7.9864	0.0401	-0.1517
1001	SLU 2	-0.44	-0.26	34.86	-7.9869	0.0402	-0.1527
1001	SLU 3	-0.45	-0.31	35.68	-8.165	0.0412	-0.1546
1001	SLU 4	-0.45	-0.28	35.67	-8.1653	0.0412	-0.1552
1001	SLU 5	-0.45	-0.27	35.33	-8.0955	0.0408	-0.1533
1001	SLU 6	-0.45	-0.31	36.14	-8.2735	0.0418	-0.1552
1001	SLU 7	-0.45	-0.29	36.13	-8.2738	0.0418	-0.1558
1001	SLU 8	-0.45	-0.32	35.81	-8.2035	0.0414	-0.1529
1001	SLU 9	-0.45	-0.29	35.8	-8.2038	0.0414	-0.1535
1001	SLU 10	-0.5	-0.26	39.17	-8.9265	0.045	-0.1712
1001	SLU 11	-0.5	-0.31	39.99	-9.1045	0.046	-0.1731
1001	SLU 12	-0.51	-0.28	39.98	-9.1049	0.0461	-0.1737
1001	SLU 13	-0.5	-0.27	39.64	-9.0351	0.0456	-0.1718
1001	SLU 14	-0.51	-0.31	40.46	-9.2131	0.0466	-0.1737
1001	SLU 15	-0.51	-0.29	40.45	-9.2134	0.0467	-0.1743
1001	SLU 16	-0.5	-0.32	40.12	-9.1431	0.0462	-0.1714
1001	SLU 17	-0.5	-0.29	40.12	-9.1434	0.0462	-0.172
1001	SLU 18	-0.52	-0.31	41.04	-9.3287	0.0471	-0.1781
1001	SLU 19	-0.52	-0.28	41.03	-9.329	0.0471	-0.1787
1001	SLU 20	-0.52	-0.31	41.5	-9.4372	0.0477	-0.1787
1001	SLU 21	-0.52	-0.29	41.5	-9.4375	0.0477	-0.1793
1001	SLU 22	-0.49	-0.28	39.28	-8.9336	0.0451	-0.1698
1001	SLU 23	-0.5	-0.24	39.26	-8.9342	0.0451	-0.1708
1001	SLU 24	-0.5	-0.28	40.08	-9.1122	0.0461	-0.1727
1001	SLU 25	-0.5	-0.26	40.07	-9.1125	0.0461	-0.1733
1001	SLU 26	-0.5	-0.24	39.73	-9.0427	0.0457	-0.1714
1001	SLU 27	-0.5	-0.29	40.55	-9.2207	0.0467	-0.1733
1001	SLU 28	-0.51	-0.26	40.54	-9.2211	0.0467	-0.1739
1001	SLU 29	-0.5	-0.29	40.21	-9.1507	0.0463	-0.171
1001	SLU 30	-0.5	-0.27	40.2	-9.151	0.0463	-0.1716
1001	SLU 31	-0.55	-0.24	43.58	-9.8738	0.0499	-0.1892
1001	SLU 32	-0.56	-0.28	44.39	-10.0518	0.0509	-0.1912
1001	SLU 33	-0.56	-0.26	44.38	-10.0521	0.051	-0.1918
1001	SLU 34	-0.55	-0.24	44.04	-9.9823	0.0506	-0.1898
1001	SLU 35	-0.56	-0.29	44.86	-10.1603	0.0515	-0.1918
1001	SLU 36	-0.56	-0.26	44.85	-10.1606	0.0516	-0.1924
1001	SLU 37	-0.55	-0.29	44.53	-10.0903	0.0511	-0.1895
1001	SLU 38	-0.55	-0.26	44.52	-10.0906	0.0511	-0.19
1001	SLU 39	-0.57	-0.28	45.44	-10.2759	0.052	-0.1962
1001	SLU 40	-0.57	-0.26	45.43	-10.2762	0.052	-0.1968
1001	SLU 41	-0.57	-0.29	45.91	-10.3845	0.0526	-0.1968
1001	SLU 42	-0.57	-0.26	45.9	-10.3848	0.0526	-0.1974
1001	SLU 43	-0.56	-0.41	43.83	-10.0576	0.0505	-0.191
1001	SLU 44	-0.56	-0.36	43.81	-10.0581	0.0506	-0.192
1001	SLU 45	-0.56	-0.41	44.63	-10.2361	0.0516	-0.194
1001	SLU 46	-0.57	-0.38	44.62	-10.2364	0.0516	-0.1946
1001	SLU 47	-0.56	-0.37	44.28	-10.1666	0.0512	-0.1926
1001	SLU 48	-0.57	-0.41	45.1	-10.3446	0.0522	-0.1946
1001	SLU 49	-0.57	-0.39	45.09	-10.345	0.0522	-0.1952
1001	SLU 50	-0.56	-0.42	44.76	-10.2746	0.0517	-0.1922
1001	SLU 51	-0.56	-0.39	44.75	-10.275	0.0518	-0.1928
1001	SLU 52	-0.61	-0.36	48.13	-10.9977	0.0554	-0.2105
1001	SLU 53	-0.62	-0.41	48.94	-11.1757	0.0564	-0.2124
1001	SLU 54	-0.62	-0.38	48.93	-11.176	0.0564	-0.213
1001	SLU 55	-0.61	-0.37	48.59	-11.1062	0.056	-0.2111
1001	SLU 56	-0.62	-0.41	49.41	-11.2842	0.057	-0.213
1001	SLU 57	-0.62	-0.39	49.4	-11.2846	0.057	-0.2136
1001	SLU 58	-0.61	-0.42	49.08	-11.2142	0.0566	-0.2107
1001	SLU 59	-0.61	-0.39	49.07	-11.2145	0.0566	-0.2113
1001	SLU 60	-0.63	-0.41	49.99	-11.3998	0.0574	-0.2174
1001	SLU 61	-0.63	-0.38	49.98	-11.4001	0.0574	-0.218
1001	SLU 62	-0.63	-0.41	50.46	-11.5084	0.058	-0.218
1001	SLU 63	-0.64	-0.39	50.45	-11.5087	0.0581	-0.2186
1001	SLU 64	-0.61	-0.38	48.23	-11.0048	0.0554	-0.2091
1001	SLU 65	-0.61	-0.34	48.21	-11.0053	0.0555	-0.2101
1001	SLU 66	-0.62	-0.39	49.03	-11.1834	0.0565	-0.212
1001	SLU 67	-0.62	-0.36	49.02	-11.1837	0.0565	-0.2126
1001	SLU 68	-0.61	-0.34	48.68	-11.1139	0.0561	-0.2107
1001	SLU 69	-0.62	-0.39	49.5	-11.2919	0.0571	-0.2126
1001	SLU 70	-0.62	-0.36	49.49	-11.2922	0.0571	-0.2132
1001	SLU 71	-0.61	-0.39	49.16	-11.2219	0.0566	-0.2103
1001	SLU 72	-0.61	-0.37	49.16	-11.2222	0.0567	-0.2109
1001	SLU 73	-0.66	-0.34	52.53	-11.9449	0.0603	-0.2286



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1001	SLU 74	-0.67	-0.39	53.34	-12.1229	0.0613	-0.2305
1001	SLU 75	-0.67	-0.36	53.34	-12.1233	0.0613	-0.2311
1001	SLU 76	-0.67	-0.34	53	-12.0535	0.0609	-0.2292
1001	SLU 77	-0.67	-0.39	53.81	-12.2315	0.0619	-0.2311
1001	SLU 78	-0.67	-0.36	53.8	-12.2318	0.0619	-0.2317
1001	SLU 79	-0.67	-0.39	53.48	-12.1615	0.0615	-0.2288
1001	SLU 80	-0.67	-0.37	53.47	-12.1618	0.0615	-0.2294
1001	SLU 81	-0.68	-0.38	54.39	-12.3471	0.0623	-0.2355
1001	SLU 82	-0.69	-0.36	54.38	-12.3474	0.0624	-0.2361
1001	SLU 83	-0.69	-0.39	54.86	-12.4556	0.0629	-0.2361
1001	SLU 84	-0.69	-0.36	54.85	-12.4559	0.063	-0.2367
1001	SLE RA 1	-0.46	-0.3	36.13	-8.257	0.0416	-0.1569
1001	SLE RA 2	-0.46	-0.27	36.12	-8.2574	0.0416	-0.1575
1001	SLE RA 3	-0.46	-0.3	36.67	-8.3761	0.0423	-0.1588
1001	SLE RA 4	-0.46	-0.28	36.66	-8.3763	0.0423	-0.1592
1001	SLE RA 5	-0.46	-0.27	36.43	-8.3298	0.042	-0.1579
1001	SLE RA 6	-0.46	-0.3	36.98	-8.4484	0.0427	-0.1592
1001	SLE RA 7	-0.46	-0.29	36.97	-8.4487	0.0427	-0.1596
1001	SLE RA 8	-0.46	-0.31	36.76	-8.4018	0.0424	-0.1577
1001	SLE RA 9	-0.46	-0.29	36.75	-8.402	0.0424	-0.1581
1001	SLE RA 10	-0.49	-0.27	39	-8.8838	0.0448	-0.1699
1001	SLE RA 11	-0.5	-0.3	39.54	-9.0025	0.0455	-0.1711
1001	SLE RA 12	-0.5	-0.28	39.54	-9.0027	0.0455	-0.1715
1001	SLE RA 13	-0.5	-0.27	39.31	-8.9561	0.0452	-0.1703
1001	SLE RA 14	-0.5	-0.3	39.85	-9.0748	0.0459	-0.1715
1001	SLE RA 15	-0.5	-0.29	39.85	-9.075	0.0459	-0.1719
1001	SLE RA 16	-0.49	-0.31	39.63	-9.0282	0.0456	-0.17
1001	SLE RA 17	-0.5	-0.29	39.63	-9.0284	0.0456	-0.1704
1001	SLE RA 18	-0.51	-0.3	40.24	-9.1519	0.0462	-0.1745
1001	SLE RA 19	-0.51	-0.28	40.23	-9.1521	0.0462	-0.1749
1001	SLE RA 20	-0.51	-0.3	40.55	-9.2243	0.0466	-0.1749
1001	SLE RA 21	-0.51	-0.29	40.55	-9.2245	0.0466	-0.1753
1001	SLE FR 1	-0.46	-0.3	36.13	-8.257	0.0416	-0.1569
1001	SLE FR 2	-0.46	-0.29	36.13	-8.2571	0.0416	-0.157
1001	SLE FR 3	-0.46	-0.3	36.26	-8.286	0.0417	-0.157
1001	SLE FR 4	-0.47	-0.29	37.36	-8.5256	0.0429	-0.1623
1001	SLE FR 5	-0.47	-0.3	37.49	-8.5544	0.0431	-0.1623
1001	SLE FR 6	-0.48	-0.3	38.19	-8.7045	0.0439	-0.1657
1001	SLE QP 1	-0.46	-0.3	36.13	-8.257	0.0416	-0.1569
1001	SLE QP 2	-0.47	-0.3	37.36	-8.5255	0.0429	-0.1622
1001	SLD 1	3.34	-0.01	42.57	-8.7367	0.0565	1.174
1001	SLD 2	2.95	-0.2	42.59	-8.8419	0.0576	1.0396
1001	SLD 3	3.27	-0.91	43.31	-8.8657	0.057	1.1512
1001	SLD 4	2.89	-1.1	43.34	-8.971	0.0582	1.0169
1001	SLD 5	0.84	1.17	37.8	-8.3743	0.046	0.2973
1001	SLD 6	0.59	1.05	37.81	-8.4436	0.0468	0.2088
1001	SLD 7	0.62	-1.8	40.27	-8.8044	0.0477	0.2214
1001	SLD 8	0.37	-1.93	40.28	-8.8737	0.0485	0.1329
1001	SLD 9	-1.31	1.33	34.44	-8.1773	0.0374	-0.4572
1001	SLD 10	-1.57	1.2	34.46	-8.2466	0.0381	-0.5457
1001	SLD 11	-1.53	-1.65	36.91	-8.6074	0.0391	-0.5332
1001	SLD 12	-1.78	-1.78	36.93	-8.6767	0.0398	-0.6216
1001	SLD 13	-3.83	0.5	31.39	-8.08	0.0277	-1.3412
1001	SLD 14	-4.22	0.3	31.41	-8.1853	0.0288	-1.4755
1001	SLD 15	-3.9	-0.4	32.13	-8.2091	0.0282	-1.364
1001	SLD 16	-4.28	-0.59	32.16	-8.3143	0.0293	-1.4983
1001	SLV 1	8.44	0.34	49.57	-9.0231	0.0748	2.963
1001	SLV 2	7.54	-0.11	49.63	-9.2682	0.0774	2.6502
1001	SLV 3	8.29	-1.69	51.26	-9.3179	0.0759	2.9105
1001	SLV 4	7.39	-2.13	51.31	-9.563	0.0785	2.5976
1001	SLV 5	2.58	3.04	38.46	-8.1853	0.0502	0.9094
1001	SLV 6	2	2.75	38.5	-8.3438	0.0519	0.7069
1001	SLV 7	2.08	-3.71	44.08	-9.1677	0.0542	0.7342
1001	SLV 8	1.5	-4	44.11	-9.3263	0.0559	0.5318
1001	SLV 9	-2.45	3.4	30.62	-7.7247	0.03	-0.8561
1001	SLV 10	-3.03	3.11	30.65	-7.8833	0.0317	-1.0586
1001	SLV 11	-2.95	-3.35	36.23	-8.7071	0.034	-1.0313
1001	SLV 12	-3.53	-3.64	36.26	-8.8657	0.0356	-1.2337
1001	SLV 13	-8.34	1.53	23.42	-7.488	0.0073	-2.922
1001	SLV 14	-9.23	1.08	23.47	-7.7331	0.0099	-3.2348
1001	SLV 15	-8.49	-0.49	25.1	-7.7828	0.0085	-2.9745
1001	SLV 16	-9.38	-0.94	25.15	-8.0278	0.0111	-3.2874
1001	CRTFP Ux+	0	0	0	0	0	0
1001	CRTFP Ux-	0	0	0	0	0	0
1001	CRTFP Uy+	0	0	0	0	0	0
1001	CRTFP Uy-	0	0	0	0	0	0
1002	SLU 1	-0.42	-0.21	33.92	-7.4707	0.02	-0.143
1002	SLU 2	-0.42	-0.17	33.9	-7.4705	0.0201	-0.144
1002	SLU 3	-0.43	-0.21	34.69	-7.6351	0.0206	-0.1457
1002	SLU 4	-0.43	-0.18	34.68	-7.635	0.0206	-0.1463
1002	SLU 5	-0.42	-0.17	34.35	-7.5705	0.0204	-0.1444
1002	SLU 6	-0.43	-0.21	35.15	-7.735	0.0209	-0.1461
1002	SLU 7	-0.43	-0.19	35.14	-7.7349	0.0209	-0.1467
1002	SLU 8	-0.42	-0.22	34.82	-7.6706	0.0206	-0.1439
1002	SLU 9	-0.42	-0.19	34.81	-7.6705	0.0207	-0.1444
1002	SLU 10	-0.47	-0.16	38.11	-8.3495	0.0221	-0.1617
1002	SLU 11	-0.48	-0.2	38.9	-8.5141	0.0226	-0.1634
1002	SLU 12	-0.48	-0.18	38.89	-8.514	0.0227	-0.164
1002	SLU 13	-0.47	-0.16	38.56	-8.4495	0.0225	-0.1621



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1002	SLU 14	-0.48	-0.2	39.35	-8.614	0.0229	-0.1639
1002	SLU 15	-0.48	-0.18	39.34	-8.6139	0.023	-0.1644
1002	SLU 16	-0.47	-0.21	39.03	-8.5496	0.0227	-0.1616
1002	SLU 17	-0.47	-0.18	39.02	-8.5495	0.0227	-0.1622
1002	SLU 18	-0.49	-0.2	39.92	-8.7264	0.023	-0.1684
1002	SLU 19	-0.49	-0.17	39.91	-8.7263	0.023	-0.1689
1002	SLU 20	-0.49	-0.2	40.38	-8.8264	0.0233	-0.1688
1002	SLU 21	-0.49	-0.18	40.37	-8.8263	0.0233	-0.1694
1002	SLU 22	-0.47	-0.17	38.21	-8.3568	0.0221	-0.1603
1002	SLU 23	-0.47	-0.13	38.19	-8.3566	0.0222	-0.1613
1002	SLU 24	-0.48	-0.17	38.98	-8.5212	0.0227	-0.163
1002	SLU 25	-0.48	-0.15	38.98	-8.5211	0.0227	-0.1635
1002	SLU 26	-0.47	-0.13	38.65	-8.4566	0.0225	-0.1617
1002	SLU 27	-0.48	-0.18	39.44	-8.6211	0.023	-0.1634
1002	SLU 28	-0.48	-0.15	39.43	-8.621	0.023	-0.164
1002	SLU 29	-0.47	-0.18	39.11	-8.5567	0.0227	-0.1612
1002	SLU 30	-0.47	-0.15	39.11	-8.5566	0.0228	-0.1617
1002	SLU 31	-0.52	-0.12	42.4	-9.2356	0.0242	-0.179
1002	SLU 32	-0.53	-0.16	43.19	-9.4002	0.0247	-0.1807
1002	SLU 33	-0.53	-0.14	43.18	-9.4001	0.0247	-0.1813
1002	SLU 34	-0.52	-0.13	42.85	-9.3356	0.0245	-0.1794
1002	SLU 35	-0.53	-0.17	43.64	-9.5001	0.025	-0.1812
1002	SLU 36	-0.53	-0.14	43.63	-9.5	0.025	-0.1817
1002	SLU 37	-0.52	-0.17	43.32	-9.4357	0.0248	-0.1789
1002	SLU 38	-0.52	-0.15	43.31	-9.4356	0.0248	-0.1795
1002	SLU 39	-0.54	-0.16	44.21	-9.6125	0.0251	-0.1857
1002	SLU 40	-0.54	-0.14	44.21	-9.6124	0.0251	-0.1862
1002	SLU 41	-0.54	-0.16	44.67	-9.7125	0.0254	-0.1861
1002	SLU 42	-0.54	-0.14	44.66	-9.7124	0.0254	-0.1866
1002	SLU 43	-0.53	-0.29	42.62	-9.4081	0.0253	-0.18
1002	SLU 44	-0.53	-0.24	42.6	-9.408	0.0254	-0.1809
1002	SLU 45	-0.53	-0.28	43.4	-9.5725	0.0259	-0.1827
1002	SLU 46	-0.54	-0.26	43.39	-9.5724	0.0259	-0.1832
1002	SLU 47	-0.53	-0.25	43.06	-9.5079	0.0257	-0.1814
1002	SLU 48	-0.54	-0.29	43.85	-9.6724	0.0262	-0.1831
1002	SLU 49	-0.54	-0.26	43.84	-9.6723	0.0262	-0.1837
1002	SLU 50	-0.53	-0.29	43.53	-9.608	0.0259	-0.1809
1002	SLU 51	-0.53	-0.27	43.52	-9.6079	0.026	-0.1814
1002	SLU 52	-0.58	-0.24	46.81	-10.287	0.0274	-0.1987
1002	SLU 53	-0.59	-0.28	47.6	-10.4515	0.0279	-0.2004
1002	SLU 54	-0.59	-0.25	47.59	-10.4514	0.0279	-0.201
1002	SLU 55	-0.58	-0.24	47.26	-10.3869	0.0277	-0.1991
1002	SLU 56	-0.59	-0.28	48.06	-10.5515	0.0282	-0.2008
1002	SLU 57	-0.59	-0.25	48.05	-10.5513	0.0283	-0.2014
1002	SLU 58	-0.58	-0.28	47.73	-10.487	0.028	-0.1986
1002	SLU 59	-0.58	-0.26	47.72	-10.4869	0.028	-0.1992
1002	SLU 60	-0.6	-0.27	48.63	-10.6639	0.0283	-0.2054
1002	SLU 61	-0.6	-0.25	48.62	-10.6637	0.0283	-0.2059
1002	SLU 62	-0.6	-0.28	49.08	-10.7638	0.0286	-0.2058
1002	SLU 63	-0.6	-0.25	49.07	-10.7637	0.0286	-0.2063
1002	SLU 64	-0.58	-0.25	46.91	-10.2942	0.0274	-0.1973
1002	SLU 65	-0.58	-0.21	46.9	-10.294	0.0275	-0.1982
1002	SLU 66	-0.58	-0.25	47.69	-10.4586	0.0279	-0.2
1002	SLU 67	-0.59	-0.22	47.68	-10.4585	0.028	-0.2005
1002	SLU 68	-0.58	-0.21	47.35	-10.394	0.0278	-0.1987
1002	SLU 69	-0.59	-0.25	48.14	-10.5585	0.0282	-0.2004
1002	SLU 70	-0.59	-0.23	48.13	-10.5584	0.0283	-0.201
1002	SLU 71	-0.58	-0.25	47.82	-10.4941	0.028	-0.1982
1002	SLU 72	-0.58	-0.23	47.81	-10.494	0.0281	-0.1987
1002	SLU 73	-0.63	-0.2	51.1	-11.173	0.0295	-0.216
1002	SLU 74	-0.64	-0.24	51.89	-11.3376	0.03	-0.2177
1002	SLU 75	-0.64	-0.21	51.88	-11.3375	0.03	-0.2183
1002	SLU 76	-0.63	-0.2	51.55	-11.273	0.0298	-0.2164
1002	SLU 77	-0.64	-0.24	52.35	-11.4375	0.0303	-0.2181
1002	SLU 78	-0.64	-0.22	52.34	-11.4374	0.0303	-0.2187
1002	SLU 79	-0.63	-0.25	52.02	-11.3731	0.0301	-0.2159
1002	SLU 80	-0.63	-0.22	52.01	-11.373	0.0301	-0.2165
1002	SLU 81	-0.65	-0.24	52.92	-11.5499	0.0304	-0.2227
1002	SLU 82	-0.65	-0.21	52.91	-11.5498	0.0304	-0.2232
1002	SLU 83	-0.65	-0.24	53.37	-11.6499	0.0307	-0.2231
1002	SLU 84	-0.65	-0.22	53.36	-11.6498	0.0307	-0.2236
1002	SLE RA 1	-0.43	-0.2	35.14	-7.7239	0.0206	-0.148
1002	SLE RA 2	-0.43	-0.17	35.13	-7.7238	0.0207	-0.1486
1002	SLE RA 3	-0.44	-0.2	35.66	-7.8335	0.021	-0.1498
1002	SLE RA 4	-0.44	-0.18	35.65	-7.8334	0.021	-0.1501
1002	SLE RA 5	-0.44	-0.17	35.43	-7.7904	0.0209	-0.1489
1002	SLE RA 6	-0.44	-0.2	35.96	-7.9001	0.0212	-0.15
1002	SLE RA 7	-0.44	-0.18	35.96	-7.9	0.0212	-0.1504
1002	SLE RA 8	-0.43	-0.2	35.75	-7.8571	0.021	-0.1485
1002	SLE RA 9	-0.44	-0.19	35.74	-7.8571	0.0211	-0.1489
1002	SLE RA 10	-0.47	-0.17	37.94	-8.3098	0.022	-0.1604
1002	SLE RA 11	-0.47	-0.19	38.46	-8.4195	0.0224	-0.1616
1002	SLE RA 12	-0.47	-0.18	38.46	-8.4194	0.0224	-0.1619
1002	SLE RA 13	-0.47	-0.17	38.24	-8.3764	0.0222	-0.1607
1002	SLE RA 14	-0.47	-0.2	38.77	-8.4861	0.0226	-0.1619
1002	SLE RA 15	-0.47	-0.18	38.76	-8.486	0.0226	-0.1622
1002	SLE RA 16	-0.47	-0.2	38.55	-8.4431	0.0224	-0.1604
1002	SLE RA 17	-0.47	-0.18	38.54	-8.4431	0.0224	-0.1607
1002	SLE RA 18	-0.48	-0.19	39.15	-8.561	0.0226	-0.1649



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1002	SLE RA 19	-0.48	-0.18	39.14	-8.561	0.0226	-0.1652
1002	SLE RA 20	-0.48	-0.19	39.45	-8.6277	0.0228	-0.1652
1002	SLE RA 21	-0.48	-0.18	39.44	-8.6276	0.0228	-0.1655
1002	SLE FR 1	-0.43	-0.2	35.14	-7.7239	0.0206	-0.148
1002	SLE FR 2	-0.43	-0.19	35.14	-7.7239	0.0206	-0.1481
1002	SLE FR 3	-0.43	-0.2	35.26	-7.7505	0.0207	-0.1481
1002	SLE FR 4	-0.45	-0.19	36.34	-7.975	0.0212	-0.1532
1002	SLE FR 5	-0.45	-0.2	36.46	-8.0017	0.0213	-0.1532
1002	SLE FR 6	-0.46	-0.2	37.14	-8.1425	0.0216	-0.1564
1002	SLE QP 1	-0.43	-0.2	35.14	-7.7239	0.0206	-0.148
1002	SLE QP 2	-0.45	-0.2	36.34	-7.975	0.0212	-0.153
1002	SLD 1	3.36	0.19	41.17	-8.1568	0.0314	1.1842
1002	SLD 2	2.98	0	41.16	-8.2355	0.0324	1.0501
1002	SLD 3	3.3	-0.71	41.91	-8.2765	0.0319	1.1614
1002	SLD 4	2.92	-0.89	41.9	-8.3552	0.033	1.0274
1002	SLD 5	0.86	1.31	36.67	-7.8339	0.0233	0.3067
1002	SLD 6	0.61	1.18	36.67	-7.8857	0.024	0.2184
1002	SLD 7	0.65	-1.67	39.13	-8.2329	0.025	0.2308
1002	SLD 8	0.39	-1.79	39.13	-8.2847	0.0257	0.1425
1002	SLD 9	-1.29	1.4	33.56	-7.6654	0.0167	-0.4486
1002	SLD 10	-1.54	1.28	33.55	-7.7172	0.0174	-0.5369
1002	SLD 11	-1.51	-1.58	36.02	-8.0643	0.0184	-0.5245
1002	SLD 12	-1.76	-1.7	36.01	-8.1161	0.0191	-0.6128
1002	SLD 13	-3.81	0.5	30.79	-7.5949	0.0095	-1.3335
1002	SLD 14	-4.19	0.31	30.78	-7.6736	0.0105	-1.4675
1002	SLD 15	-3.88	-0.39	31.53	-7.7146	0.01	-1.3562
1002	SLD 16	-4.26	-0.58	31.52	-7.7932	0.011	-1.4902
1002	SLV 1	8.47	0.66	47.66	-8.4034	0.045	2.9746
1002	SLV 2	7.58	0.23	47.63	-8.5866	0.0475	2.6625
1002	SLV 3	8.32	-1.36	49.33	-8.677	0.0462	2.9221
1002	SLV 4	7.43	-1.79	49.31	-8.8602	0.0487	2.61
1002	SLV 5	2.61	3.21	37.2	-7.6568	0.0261	0.9191
1002	SLV 6	2.03	2.93	37.19	-7.7754	0.0277	0.7171
1002	SLV 7	2.11	-3.54	42.78	-8.5688	0.0301	0.744
1002	SLV 8	1.53	-3.82	42.77	-8.6873	0.0317	0.5421
1002	SLV 9	-2.43	3.43	29.92	-7.2627	0.0107	-0.8481
1002	SLV 10	-3	3.15	29.9	-7.3813	0.0123	-1.0501
1002	SLV 11	-2.93	-3.32	35.5	-8.1747	0.0147	-1.0232
1002	SLV 12	-3.5	-3.6	35.48	-8.2932	0.0163	-1.2252
1002	SLV 13	-8.32	1.4	23.38	-7.0898	-0.0063	-2.9161
1002	SLV 14	-9.21	0.97	23.35	-7.273	-0.0038	-3.2282
1002	SLV 15	-8.47	-0.63	25.05	-7.3634	-0.0051	-2.9686
1002	SLV 16	-9.36	-1.06	25.03	-7.5466	-0.0026	-3.2807
1002	CRTFP Ux+	0	0	0	0	0	0
1002	CRTFP Ux-	0	0	0	0	0	0
1002	CRTFP Uy+	0	0	0	0	0	0
1002	CRTFP Uy-	0	0	0	0	0	0
1003	SLU 1	-0.39	-0.1	33.59	-7.4271	0.0009	-0.1338
1003	SLU 2	-0.4	-0.06	33.57	-7.426	0.001	-0.1347
1003	SLU 3	-0.4	-0.1	34.36	-7.5893	0.0009	-0.1362
1003	SLU 4	-0.4	-0.07	34.35	-7.5886	0.001	-0.1367
1003	SLU 5	-0.4	-0.06	34.02	-7.5243	0.001	-0.1349
1003	SLU 6	-0.4	-0.1	34.8	-7.6876	0.0009	-0.1365
1003	SLU 7	-0.4	-0.07	34.79	-7.687	0.001	-0.137
1003	SLU 8	-0.39	-0.1	34.48	-7.6237	0.0009	-0.1343
1003	SLU 9	-0.4	-0.08	34.47	-7.6231	0.001	-0.1348
1003	SLU 10	-0.44	-0.04	37.75	-8.3091	0.0004	-0.1516
1003	SLU 11	-0.45	-0.08	38.54	-8.4723	0.0004	-0.1532
1003	SLU 12	-0.45	-0.05	38.53	-8.4717	0.0004	-0.1537
1003	SLU 13	-0.45	-0.04	38.2	-8.4074	0.0004	-0.1519
1003	SLU 14	-0.45	-0.08	38.99	-8.5707	0.0004	-0.1534
1003	SLU 15	-0.45	-0.06	38.98	-8.57	0.0004	-0.1539
1003	SLU 16	-0.44	-0.09	38.67	-8.5068	0.0004	-0.1513
1003	SLU 17	-0.45	-0.06	38.66	-8.5061	0.0004	-0.1518
1003	SLU 18	-0.46	-0.08	39.56	-8.6886	0.0001	-0.158
1003	SLU 19	-0.46	-0.05	39.55	-8.688	0.0001	-0.1585
1003	SLU 20	-0.46	-0.08	40.01	-8.7869	0.0001	-0.1583
1003	SLU 21	-0.47	-0.05	40	-8.7863	0.0001	-0.1588
1003	SLU 22	-0.44	-0.05	37.86	-8.3177	0.0003	-0.1503
1003	SLU 23	-0.44	-0.01	37.84	-8.3166	0.0004	-0.1511
1003	SLU 24	-0.45	-0.05	38.62	-8.4799	0.0004	-0.1527
1003	SLU 25	-0.45	-0.02	38.61	-8.4793	0.0004	-0.1532
1003	SLU 26	-0.44	-0.01	38.29	-8.415	0.0004	-0.1514
1003	SLU 27	-0.45	-0.05	39.07	-8.5782	0.0004	-0.1529
1003	SLU 28	-0.45	-0.02	39.06	-8.5776	0.0004	-0.1534
1003	SLU 29	-0.44	-0.05	38.75	-8.5143	0.0003	-0.1508
1003	SLU 30	-0.44	-0.03	38.74	-8.5137	0.0004	-0.1513
1003	SLU 31	-0.49	0.01	42.02	-9.1997	-0.0002	-0.1681
1003	SLU 32	-0.5	-0.03	42.81	-9.363	-0.0002	-0.1696
1003	SLU 33	-0.5	0	42.8	-9.3623	-0.0002	-0.1701
1003	SLU 34	-0.49	0.01	42.47	-9.298	-0.0002	-0.1683
1003	SLU 35	-0.5	-0.03	43.25	-9.4613	-0.0002	-0.1699
1003	SLU 36	-0.5	-0.01	43.24	-9.4606	-0.0002	-0.1704
1003	SLU 37	-0.49	-0.04	42.93	-9.3974	-0.0002	-0.1677
1003	SLU 38	-0.49	-0.01	42.92	-9.3968	-0.0002	-0.1682
1003	SLU 39	-0.51	-0.03	43.83	-9.5792	-0.0005	-0.1745
1003	SLU 40	-0.51	0	43.82	-9.5786	-0.0005	-0.175
1003	SLU 41	-0.51	-0.03	44.28	-9.6775	-0.0005	-0.1747
1003	SLU 42	-0.51	0	44.27	-9.6769	-0.0004	-0.1752



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1003	SLU 43	-0.49	-0.15	42.2	-9.3498	0.0014	-0.1683
1003	SLU 44	-0.5	-0.11	42.18	-9.3488	0.0014	-0.1692
1003	SLU 45	-0.5	-0.14	42.97	-9.512	0.0014	-0.1707
1003	SLU 46	-0.5	-0.12	42.96	-9.5114	0.0014	-0.1712
1003	SLU 47	-0.5	-0.11	42.63	-9.4471	0.0015	-0.1694
1003	SLU 48	-0.5	-0.14	43.42	-9.6103	0.0014	-0.171
1003	SLU 49	-0.5	-0.12	43.41	-9.6097	0.0015	-0.1715
1003	SLU 50	-0.5	-0.15	43.1	-9.5465	0.0014	-0.1688
1003	SLU 51	-0.5	-0.13	43.09	-9.5458	0.0014	-0.1693
1003	SLU 52	-0.55	-0.09	46.37	-10.2319	0.0009	-0.1861
1003	SLU 53	-0.55	-0.13	47.15	-10.3951	0.0008	-0.1877
1003	SLU 54	-0.55	-0.1	47.14	-10.3945	0.0009	-0.1882
1003	SLU 55	-0.55	-0.09	46.81	-10.3302	0.0009	-0.1864
1003	SLU 56	-0.55	-0.13	47.6	-10.4934	0.0008	-0.1879
1003	SLU 57	-0.55	-0.1	47.59	-10.4928	0.0009	-0.1884
1003	SLU 58	-0.54	-0.13	47.28	-10.4295	0.0008	-0.1858
1003	SLU 59	-0.55	-0.11	47.27	-10.4289	0.0009	-0.1863
1003	SLU 60	-0.56	-0.12	48.17	-10.6114	0.0006	-0.1925
1003	SLU 61	-0.57	-0.1	48.16	-10.6107	0.0006	-0.193
1003	SLU 62	-0.57	-0.12	48.62	-10.7097	0.0006	-0.1928
1003	SLU 63	-0.57	-0.1	48.61	-10.709	0.0006	-0.1933
1003	SLU 64	-0.54	-0.1	46.47	-10.2404	0.0008	-0.1848
1003	SLU 65	-0.54	-0.06	46.45	-10.2394	0.0009	-0.1856
1003	SLU 66	-0.55	-0.09	47.24	-10.4027	0.0008	-0.1872
1003	SLU 67	-0.55	-0.07	47.23	-10.402	0.0009	-0.1877
1003	SLU 68	-0.55	-0.06	46.9	-10.3377	0.0009	-0.1859
1003	SLU 69	-0.55	-0.09	47.69	-10.501	0.0008	-0.1874
1003	SLU 70	-0.55	-0.07	47.67	-10.5003	0.0009	-0.1879
1003	SLU 71	-0.54	-0.1	47.37	-10.4371	0.0008	-0.1853
1003	SLU 72	-0.55	-0.08	47.36	-10.4364	0.0009	-0.1858
1003	SLU 73	-0.59	-0.04	50.63	-11.1225	0.0003	-0.2026
1003	SLU 74	-0.6	-0.08	51.42	-11.2857	0.0003	-0.2041
1003	SLU 75	-0.6	-0.05	51.41	-11.2851	0.0003	-0.2046
1003	SLU 76	-0.59	-0.04	51.08	-11.2208	0.0003	-0.2028
1003	SLU 77	-0.6	-0.08	51.87	-11.384	0.0003	-0.2044
1003	SLU 78	-0.6	-0.05	51.86	-11.3834	0.0003	-0.2049
1003	SLU 79	-0.59	-0.08	51.55	-11.3201	0.0002	-0.2022
1003	SLU 80	-0.59	-0.06	51.54	-11.3195	0.0003	-0.2027
1003	SLU 81	-0.61	-0.07	52.44	-11.502	0	-0.209
1003	SLU 82	-0.61	-0.05	52.43	-11.5013	0	-0.2095
1003	SLU 83	-0.61	-0.07	52.89	-11.6003	0	-0.2092
1003	SLU 84	-0.61	-0.05	52.88	-11.5997	0	-0.2097
1003	SLE RA 1	-0.41	-0.09	34.81	-7.6815	0.0007	-0.1385
1003	SLE RA 2	-0.41	-0.06	34.8	-7.6808	0.0008	-0.1391
1003	SLE RA 3	-0.41	-0.08	35.32	-7.7897	0.0008	-0.1401
1003	SLE RA 4	-0.41	-0.07	35.31	-7.7892	0.0008	-0.1405
1003	SLE RA 5	-0.41	-0.06	35.09	-7.7464	0.0008	-0.1393
1003	SLE RA 6	-0.41	-0.08	35.62	-7.8552	0.0008	-0.1403
1003	SLE RA 7	-0.41	-0.07	35.61	-7.8548	0.0008	-0.1406
1003	SLE RA 8	-0.41	-0.09	35.41	-7.8126	0.0008	-0.1388
1003	SLE RA 9	-0.41	-0.07	35.4	-7.8122	0.0008	-0.1392
1003	SLE RA 10	-0.44	-0.05	37.58	-8.2695	0.0004	-0.1504
1003	SLE RA 11	-0.44	-0.07	38.11	-8.3784	0.0004	-0.1514
1003	SLE RA 12	-0.45	-0.06	38.1	-8.378	0.0004	-0.1518
1003	SLE RA 13	-0.44	-0.05	37.88	-8.3351	0.0004	-0.1505
1003	SLE RA 14	-0.44	-0.07	38.41	-8.4439	0.0004	-0.1516
1003	SLE RA 15	-0.45	-0.06	38.4	-8.4435	0.0004	-0.1519
1003	SLE RA 16	-0.44	-0.08	38.19	-8.4013	0.0004	-0.1501
1003	SLE RA 17	-0.44	-0.06	38.19	-8.4009	0.0004	-0.1505
1003	SLE RA 18	-0.45	-0.07	38.79	-8.5225	0.0002	-0.1547
1003	SLE RA 19	-0.45	-0.05	38.78	-8.5221	0.0002	-0.155
1003	SLE RA 20	-0.45	-0.07	39.09	-8.5881	0.0002	-0.1548
1003	SLE RA 21	-0.45	-0.05	39.08	-8.5877	0.0002	-0.1552
1003	SLE FR 1	-0.41	-0.09	34.81	-7.6815	0.0007	-0.1385
1003	SLE FR 2	-0.41	-0.08	34.8	-7.6814	0.0007	-0.1386
1003	SLE FR 3	-0.41	-0.09	34.93	-7.7077	0.0007	-0.1386
1003	SLE FR 4	-0.42	-0.08	36	-7.9337	0.0006	-0.1435
1003	SLE FR 5	-0.42	-0.08	36.12	-7.96	0.0006	-0.1434
1003	SLE FR 6	-0.43	-0.08	36.8	-8.102	0.0005	-0.1466
1003	SLE QP 1	-0.41	-0.09	34.81	-7.6815	0.0007	-0.1385
1003	SLE QP 2	-0.42	-0.08	36	-7.9338	0.0006	-0.1434
1003	SLD 1	3.39	0.39	40.53	-8.1554	0.0088	1.1944
1003	SLD 2	3.01	0.21	40.49	-8.2081	0.0098	1.0607
1003	SLD 3	3.33	-0.51	41.29	-8.2759	0.0078	1.1716
1003	SLD 4	2.95	-0.69	41.24	-8.3286	0.0087	1.0379
1003	SLD 5	0.89	1.46	36.23	-7.8081	0.0045	0.3164
1003	SLD 6	0.64	1.34	36.2	-7.8428	0.0051	0.2284
1003	SLD 7	0.67	-1.54	38.74	-8.2097	0.001	0.2406
1003	SLD 8	0.42	-1.66	38.71	-8.2445	0.0016	0.1525
1003	SLD 9	-1.26	1.5	33.3	-7.6232	-0.0005	-0.4393
1003	SLD 10	-1.52	1.38	33.27	-7.6579	0.0002	-0.5273
1003	SLD 11	-1.48	-1.5	35.81	-8.0248	-0.0039	-0.5152
1003	SLD 12	-1.73	-1.62	35.78	-8.0596	-0.0033	-0.6032
1003	SLD 13	-3.79	0.53	30.76	-7.539	-0.0076	-1.3247
1003	SLD 14	-4.17	0.35	30.72	-7.5918	-0.0066	-1.4583
1003	SLD 15	-3.85	-0.37	31.51	-7.6595	-0.0086	-1.3474
1003	SLD 16	-4.23	-0.55	31.47	-7.7123	-0.0077	-1.4811
1003	SLV 1	8.5	0.98	46.63	-8.4557	0.0198	2.9856
1003	SLV 2	7.61	0.56	46.53	-8.5785	0.022	2.6743



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1003	SLV 3	8.35	-1.06	48.34	-8.7306	0.0175	2.933
1003	SLV 4	7.46	-1.48	48.24	-8.8535	0.0197	2.6218
1003	SLV 5	2.64	3.4	36.62	-7.652	0.0096	0.929
1003	SLV 6	2.06	3.13	36.55	-7.7315	0.011	0.7276
1003	SLV 7	2.14	-3.39	42.31	-8.5686	0.0016	0.7539
1003	SLV 8	1.56	-3.66	42.24	-8.6481	0.0031	0.5525
1003	SLV 9	-2.4	3.5	29.76	-7.2195	-0.0019	-0.8392
1003	SLV 10	-2.98	3.23	29.69	-7.299	-0.0005	-1.0406
1003	SLV 11	-2.9	-3.29	35.45	-8.1362	-0.0099	-1.0143
1003	SLV 12	-3.48	-3.56	35.39	-8.2157	-0.0084	-1.2157
1003	SLV 13	-8.3	1.32	23.77	-7.0141	-0.0185	-2.9085
1003	SLV 14	-9.19	0.9	23.67	-7.137	-0.0163	-3.2198
1003	SLV 15	-8.45	-0.72	25.47	-7.2891	-0.0209	-2.961
1003	SLV 16	-9.34	-1.14	25.37	-7.412	-0.0187	-3.2723
1003	CRTFP Ux+	0	0	0	0	0	0
1003	CRTFP Ux-	0	0	0	0	0	0
1003	CRTFP Uy+	0	0	0	0	0	0
1003	CRTFP Uy-	0	0	0	0	0	0
1004	SLU 1	-0.37	0.02	33.83	-7.8087	-0.0154	-0.1241
1004	SLU 2	-0.37	0.06	33.81	-7.8067	-0.0153	-0.1249
1004	SLU 3	-0.37	0.03	34.6	-7.9797	-0.0158	-0.1262
1004	SLU 4	-0.37	0.05	34.59	-7.9785	-0.0158	-0.1267
1004	SLU 5	-0.37	0.06	34.26	-7.9098	-0.0156	-0.1249
1004	SLU 6	-0.37	0.03	35.05	-8.0827	-0.016	-0.1263
1004	SLU 7	-0.37	0.05	35.04	-8.0815	-0.016	-0.1268
1004	SLU 8	-0.37	0.02	34.73	-8.0149	-0.0159	-0.1242
1004	SLU 9	-0.37	0.04	34.72	-8.0137	-0.0158	-0.1247
1004	SLU 10	-0.41	0.09	38.04	-8.7518	-0.0181	-0.1409
1004	SLU 11	-0.42	0.05	38.84	-8.9247	-0.0186	-0.1423
1004	SLU 12	-0.42	0.08	38.83	-8.9235	-0.0186	-0.1428
1004	SLU 13	-0.41	0.09	38.5	-8.8549	-0.0184	-0.141
1004	SLU 14	-0.42	0.05	39.29	-9.0278	-0.0188	-0.1424
1004	SLU 15	-0.42	0.08	39.28	-9.0266	-0.0188	-0.1428
1004	SLU 16	-0.41	0.05	38.97	-8.96	-0.0187	-0.1403
1004	SLU 17	-0.41	0.07	38.96	-8.9587	-0.0187	-0.1408
1004	SLU 18	-0.43	0.06	39.88	-9.1588	-0.0194	-0.1471
1004	SLU 19	-0.43	0.08	39.87	-9.1576	-0.0194	-0.1475
1004	SLU 20	-0.43	0.06	40.33	-9.2619	-0.0197	-0.1471
1004	SLU 21	-0.43	0.08	40.32	-9.2607	-0.0196	-0.1476
1004	SLU 22	-0.41	0.08	38.15	-8.7627	-0.0183	-0.1397
1004	SLU 23	-0.41	0.12	38.13	-8.7607	-0.0182	-0.1404
1004	SLU 24	-0.42	0.09	38.92	-8.9336	-0.0186	-0.1418
1004	SLU 25	-0.42	0.11	38.91	-8.9324	-0.0186	-0.1423
1004	SLU 26	-0.41	0.12	38.58	-8.8638	-0.0184	-0.1405
1004	SLU 27	-0.42	0.09	39.38	-9.0367	-0.0189	-0.1419
1004	SLU 28	-0.42	0.11	39.36	-9.0355	-0.0188	-0.1423
1004	SLU 29	-0.41	0.08	39.06	-8.9689	-0.0187	-0.1398
1004	SLU 30	-0.41	0.11	39.04	-8.9676	-0.0187	-0.1402
1004	SLU 31	-0.46	0.15	42.37	-9.7058	-0.021	-0.1565
1004	SLU 32	-0.46	0.12	43.16	-9.8787	-0.0214	-0.1579
1004	SLU 33	-0.47	0.14	43.15	-9.8775	-0.0214	-0.1583
1004	SLU 34	-0.46	0.15	42.82	-9.8088	-0.0212	-0.1566
1004	SLU 35	-0.46	0.12	43.61	-9.9818	-0.0217	-0.1579
1004	SLU 36	-0.47	0.14	43.6	-9.9806	-0.0216	-0.1584
1004	SLU 37	-0.46	0.11	43.29	-9.9139	-0.0215	-0.1559
1004	SLU 38	-0.46	0.13	43.28	-9.9127	-0.0215	-0.1563
1004	SLU 39	-0.48	0.12	44.2	-10.1128	-0.0223	-0.1626
1004	SLU 40	-0.48	0.15	44.19	-10.1116	-0.0222	-0.1631
1004	SLU 41	-0.48	0.12	44.66	-10.2159	-0.0225	-0.1627
1004	SLU 42	-0.48	0.15	44.64	-10.2147	-0.0225	-0.1631
1004	SLU 43	-0.46	0	42.49	-9.8243	-0.0191	-0.156
1004	SLU 44	-0.46	0.04	42.47	-9.8222	-0.019	-0.1568
1004	SLU 45	-0.47	0.01	43.27	-9.9952	-0.0194	-0.1581
1004	SLU 46	-0.47	0.03	43.25	-9.994	-0.0194	-0.1586
1004	SLU 47	-0.46	0.04	42.92	-9.9253	-0.0192	-0.1568
1004	SLU 48	-0.47	0.01	43.72	-10.0983	-0.0197	-0.1582
1004	SLU 49	-0.47	0.03	43.71	-10.0971	-0.0196	-0.1587
1004	SLU 50	-0.46	0	43.4	-10.0304	-0.0195	-0.1561
1004	SLU 51	-0.46	0.03	43.39	-10.0292	-0.0195	-0.1566
1004	SLU 52	-0.51	0.07	46.71	-10.7673	-0.0218	-0.1728
1004	SLU 53	-0.51	0.04	47.5	-10.9403	-0.0223	-0.1742
1004	SLU 54	-0.51	0.06	47.49	-10.9391	-0.0222	-0.1747
1004	SLU 55	-0.51	0.07	47.16	-10.8704	-0.022	-0.1729
1004	SLU 56	-0.51	0.04	47.96	-11.0434	-0.0225	-0.1743
1004	SLU 57	-0.51	0.06	47.94	-11.0422	-0.0224	-0.1747
1004	SLU 58	-0.51	0.03	47.63	-10.9755	-0.0223	-0.1722
1004	SLU 59	-0.51	0.05	47.62	-10.9743	-0.0223	-0.1727
1004	SLU 60	-0.53	0.04	48.55	-11.1744	-0.0231	-0.179
1004	SLU 61	-0.53	0.06	48.53	-11.1732	-0.023	-0.1794
1004	SLU 62	-0.53	0.04	49	-11.2775	-0.0233	-0.179
1004	SLU 63	-0.53	0.06	48.99	-11.2762	-0.0233	-0.1795
1004	SLU 64	-0.51	0.07	46.82	-10.7782	-0.0219	-0.1716
1004	SLU 65	-0.51	0.11	46.8	-10.7762	-0.0218	-0.1723
1004	SLU 66	-0.51	0.07	47.59	-10.9492	-0.0223	-0.1737
1004	SLU 67	-0.51	0.1	47.58	-10.9488	-0.0222	-0.1742
1004	SLU 68	-0.51	0.11	47.25	-10.8793	-0.0221	-0.1724
1004	SLU 69	-0.51	0.07	48.04	-11.0523	-0.0225	-0.1737
1004	SLU 70	-0.51	0.1	48.03	-11.0511	-0.0225	-0.1742
1004	SLU 71	-0.51	0.07	47.72	-10.9844	-0.0224	-0.1717



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1004	SLU 72	-0.51	0.09	47.71	-10.9832	-0.0223	-0.1721
1004	SLU 73	-0.55	0.13	51.03	-11.7213	-0.0246	-0.1884
1004	SLU 74	-0.56	0.1	51.83	-11.8943	-0.0251	-0.1898
1004	SLU 75	-0.56	0.12	51.82	-11.893	-0.0251	-0.1902
1004	SLU 76	-0.55	0.13	51.49	-11.8244	-0.0249	-0.1885
1004	SLU 77	-0.56	0.1	52.28	-11.9973	-0.0253	-0.1898
1004	SLU 78	-0.56	0.13	52.27	-11.9961	-0.0253	-0.1903
1004	SLU 79	-0.55	0.09	51.96	-11.9295	-0.0252	-0.1878
1004	SLU 80	-0.55	0.12	51.95	-11.9283	-0.0251	-0.1882
1004	SLU 81	-0.57	0.11	52.87	-12.1283	-0.0259	-0.1945
1004	SLU 82	-0.57	0.13	52.86	-12.1271	-0.0259	-0.195
1004	SLU 83	-0.57	0.11	53.32	-12.2314	-0.0262	-0.1946
1004	SLU 84	-0.57	0.13	53.31	-12.2302	-0.0261	-0.195
1004	SLE RA 1	-0.38	0.04	35.06	-8.0813	-0.0162	-0.1285
1004	SLE RA 2	-0.38	0.06	35.05	-8.0799	-0.0162	-0.1291
1004	SLE RA 3	-0.38	0.04	35.58	-8.1953	-0.0165	-0.13
1004	SLE RA 4	-0.38	0.06	35.57	-8.1944	-0.0165	-0.1303
1004	SLE RA 5	-0.38	0.06	35.35	-8.1487	-0.0163	-0.1291
1004	SLE RA 6	-0.38	0.04	35.88	-8.264	-0.0166	-0.13
1004	SLE RA 7	-0.38	0.06	35.87	-8.2632	-0.0166	-0.1303
1004	SLE RA 8	-0.38	0.04	35.67	-8.2187	-0.0165	-0.1286
1004	SLE RA 9	-0.38	0.05	35.66	-8.2179	-0.0165	-0.1289
1004	SLE RA 10	-0.41	0.08	37.87	-8.71	-0.018	-0.1398
1004	SLE RA 11	-0.41	0.06	38.4	-8.8253	-0.0184	-0.1407
1004	SLE RA 12	-0.41	0.08	38.39	-8.8245	-0.0183	-0.141
1004	SLE RA 13	-0.41	0.08	38.18	-8.7787	-0.0182	-0.1398
1004	SLE RA 14	-0.41	0.06	38.7	-8.894	-0.0185	-0.1407
1004	SLE RA 15	-0.42	0.08	38.7	-8.8932	-0.0185	-0.141
1004	SLE RA 16	-0.41	0.06	38.49	-8.8488	-0.0184	-0.1393
1004	SLE RA 17	-0.41	0.07	38.48	-8.848	-0.0184	-0.1397
1004	SLE RA 18	-0.42	0.06	39.1	-8.9814	-0.0189	-0.1439
1004	SLE RA 19	-0.42	0.08	39.09	-8.9806	-0.0189	-0.1442
1004	SLE RA 20	-0.42	0.06	39.4	-9.0501	-0.0191	-0.1439
1004	SLE RA 21	-0.42	0.08	39.39	-9.0493	-0.019	-0.1442
1004	SLE FR 1	-0.38	0.04	35.06	-8.0813	-0.0162	-0.1285
1004	SLE FR 2	-0.38	0.04	35.06	-8.081	-0.0162	-0.1286
1004	SLE FR 3	-0.38	0.04	35.18	-8.1088	-0.0163	-0.1286
1004	SLE FR 4	-0.39	0.05	36.27	-8.351	-0.017	-0.1332
1004	SLE FR 5	-0.39	0.05	36.39	-8.3788	-0.0171	-0.1332
1004	SLE FR 6	-0.4	0.05	37.08	-8.5313	-0.0176	-0.1362
1004	SLE QP 1	-0.38	0.04	35.06	-8.0813	-0.0162	-0.1285
1004	SLE QP 2	-0.39	0.04	36.27	-8.3513	-0.017	-0.1331
1004	SLD 1	3.42	0.67	40.58	-8.6649	-0.0106	1.2045
1004	SLD 2	3.04	0.49	40.51	-8.6937	-0.0097	1.0713
1004	SLD 3	3.36	-0.24	41.36	-8.7968	-0.0121	1.1818
1004	SLD 4	2.98	-0.42	41.29	-8.8256	-0.0113	1.0485
1004	SLD 5	0.92	1.64	36.39	-8.2401	-0.0129	0.3266
1004	SLD 6	0.67	1.53	36.34	-8.2591	-0.0123	0.2388
1004	SLD 7	0.7	-1.39	39	-8.6799	-0.0181	0.2507
1004	SLD 8	0.45	-1.5	38.96	-8.6989	-0.0175	0.1629
1004	SLD 9	-1.24	1.59	33.59	-8.0038	-0.0165	-0.4292
1004	SLD 10	-1.49	1.48	33.54	-8.0228	-0.016	-0.517
1004	SLD 11	-1.45	-1.44	36.21	-8.4435	-0.0217	-0.5051
1004	SLD 12	-1.7	-1.55	36.16	-8.4625	-0.0212	-0.5928
1004	SLD 13	-3.76	0.51	31.25	-7.877	-0.0227	-1.3148
1004	SLD 14	-4.14	0.33	31.18	-7.9058	-0.0219	-1.448
1004	SLD 15	-3.82	-0.4	32.04	-8.0089	-0.0243	-1.3375
1004	SLD 16	-4.21	-0.58	31.97	-8.0378	-0.0235	-1.4708
1004	SLV 1	8.53	1.47	46.37	-9.0895	-0.002	2.9956
1004	SLV 2	7.64	1.06	46.2	-9.1567	-0.0001	2.6853
1004	SLV 3	8.38	-0.59	48.15	-9.3897	-0.0055	2.9431
1004	SLV 4	7.49	-1	47.99	-9.4568	-0.0036	2.6328
1004	SLV 5	2.66	3.67	36.63	-8.1058	-0.0075	0.939
1004	SLV 6	2.09	3.41	36.52	-8.1493	-0.0062	0.7382
1004	SLV 7	2.17	-3.2	42.57	-9.1064	-0.0193	0.7639
1004	SLV 8	1.59	-3.47	42.46	-9.1499	-0.018	0.5631
1004	SLV 9	-2.38	3.56	30.09	-7.5527	-0.016	-0.8294
1004	SLV 10	-2.95	3.29	29.98	-7.5962	-0.0148	-1.0302
1004	SLV 11	-2.87	-3.32	36.02	-8.5533	-0.0278	-1.0045
1004	SLV 12	-3.45	-3.58	35.92	-8.5968	-0.0266	-1.2053
1004	SLV 13	-8.28	1.09	24.56	-7.2458	-0.0305	-2.8991
1004	SLV 14	-9.16	0.68	24.39	-7.3129	-0.0286	-3.2094
1004	SLV 15	-8.43	-0.97	26.34	-7.546	-0.034	-2.9516
1004	SLV 16	-9.31	-1.38	26.17	-7.6131	-0.0321	-3.2619
1004	CRTFP Ux+	0	0	0	0	0	0
1004	CRTFP Ux-	0	0	0	0	0	0
1004	CRTFP Uy+	0	0	0	0	0	0
1004	CRTFP Uy-	0	0	0	0	0	0
1005	SLU 1	-0.34	0.14	34.51	-8.5299	-0.0268	-0.1139
1005	SLU 2	-0.34	0.18	34.49	-8.5268	-0.0267	-0.1146
1005	SLU 3	-0.34	0.15	35.3	-8.7184	-0.0275	-0.1157
1005	SLU 4	-0.34	0.18	35.29	-8.7165	-0.0275	-0.1161
1005	SLU 5	-0.34	0.18	34.95	-8.6398	-0.0272	-0.1145
1005	SLU 6	-0.34	0.15	35.77	-8.8314	-0.0279	-0.1156
1005	SLU 7	-0.34	0.18	35.75	-8.8295	-0.0279	-0.116
1005	SLU 8	-0.34	0.15	35.44	-8.756	-0.0276	-0.1136
1005	SLU 9	-0.34	0.17	35.42	-8.7541	-0.0276	-0.1141
1005	SLU 10	-0.38	0.22	38.84	-9.5797	-0.0311	-0.1297
1005	SLU 11	-0.39	0.19	39.66	-9.7712	-0.0318	-0.1309



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1005	SLU 12	-0.39	0.21	39.64	-9.7694	-0.0318	-0.1313
1005	SLU 13	-0.38	0.22	39.3	-9.6927	-0.0315	-0.1296
1005	SLU 14	-0.39	0.19	40.12	-9.8843	-0.0323	-0.1308
1005	SLU 15	-0.39	0.22	40.1	-9.8824	-0.0322	-0.1312
1005	SLU 16	-0.38	0.18	39.79	-9.8088	-0.032	-0.1288
1005	SLU 17	-0.38	0.21	39.78	-9.807	-0.0319	-0.1292
1005	SLU 18	-0.4	0.2	40.73	-10.034	-0.033	-0.1355
1005	SLU 19	-0.4	0.22	40.72	-10.0322	-0.033	-0.1359
1005	SLU 20	-0.4	0.2	41.19	-10.147	-0.0334	-0.1354
1005	SLU 21	-0.4	0.22	41.18	-10.1452	-0.0334	-0.1358
1005	SLU 22	-0.38	0.22	38.95	-9.5938	-0.0312	-0.1285
1005	SLU 23	-0.38	0.26	38.93	-9.5907	-0.0311	-0.1292
1005	SLU 24	-0.39	0.23	39.74	-9.7822	-0.0319	-0.1304
1005	SLU 25	-0.39	0.26	39.73	-9.7804	-0.0319	-0.1308
1005	SLU 26	-0.38	0.26	39.39	-9.7037	-0.0316	-0.1291
1005	SLU 27	-0.39	0.23	40.21	-9.8953	-0.0323	-0.1302
1005	SLU 28	-0.39	0.26	40.19	-9.8934	-0.0323	-0.1307
1005	SLU 29	-0.38	0.23	39.88	-9.8199	-0.032	-0.1283
1005	SLU 30	-0.38	0.25	39.86	-9.818	-0.032	-0.1287
1005	SLU 31	-0.43	0.3	43.28	-10.6436	-0.0355	-0.1443
1005	SLU 32	-0.43	0.27	44.1	-10.8351	-0.0362	-0.1455
1005	SLU 33	-0.43	0.29	44.08	-10.8333	-0.0362	-0.1459
1005	SLU 34	-0.43	0.3	43.75	-10.7566	-0.0359	-0.1442
1005	SLU 35	-0.43	0.27	44.56	-10.9481	-0.0367	-0.1454
1005	SLU 36	-0.43	0.3	44.55	-10.9463	-0.0366	-0.1458
1005	SLU 37	-0.42	0.26	44.23	-10.8727	-0.0364	-0.1434
1005	SLU 38	-0.42	0.29	44.22	-10.8709	-0.0363	-0.1438
1005	SLU 39	-0.44	0.28	45.17	-11.0979	-0.0374	-0.1501
1005	SLU 40	-0.44	0.3	45.16	-11.096	-0.0374	-0.1505
1005	SLU 41	-0.44	0.28	45.63	-11.2109	-0.0378	-0.15
1005	SLU 42	-0.44	0.3	45.62	-11.2091	-0.0378	-0.1504
1005	SLU 43	-0.42	0.16	43.34	-10.7241	-0.0333	-0.143
1005	SLU 44	-0.42	0.2	43.32	-10.721	-0.0333	-0.1437
1005	SLU 45	-0.43	0.17	44.13	-10.9126	-0.034	-0.1449
1005	SLU 46	-0.43	0.19	44.12	-10.9107	-0.034	-0.1453
1005	SLU 47	-0.42	0.2	43.78	-10.8341	-0.0337	-0.1436
1005	SLU 48	-0.43	0.17	44.6	-11.0256	-0.0345	-0.1448
1005	SLU 49	-0.43	0.19	44.58	-11.0237	-0.0344	-0.1452
1005	SLU 50	-0.42	0.16	44.27	-10.9502	-0.0342	-0.1428
1005	SLU 51	-0.42	0.18	44.25	-10.9483	-0.0341	-0.1432
1005	SLU 52	-0.47	0.23	47.67	-11.7739	-0.0376	-0.1589
1005	SLU 53	-0.47	0.21	48.49	-11.9655	-0.0384	-0.16
1005	SLU 54	-0.47	0.23	48.47	-11.9636	-0.0383	-0.1604
1005	SLU 55	-0.47	0.24	48.14	-11.8869	-0.038	-0.1587
1005	SLU 56	-0.47	0.21	48.95	-12.0785	-0.0388	-0.1599
1005	SLU 57	-0.47	0.23	48.94	-12.0766	-0.0387	-0.1603
1005	SLU 58	-0.47	0.2	48.62	-12.0031	-0.0385	-0.1579
1005	SLU 59	-0.47	0.22	48.61	-12.0012	-0.0385	-0.1584
1005	SLU 60	-0.49	0.21	49.56	-12.2282	-0.0395	-0.1647
1005	SLU 61	-0.49	0.23	49.55	-12.2264	-0.0395	-0.1651
1005	SLU 62	-0.49	0.21	50.02	-12.3413	-0.04	-0.1645
1005	SLU 63	-0.49	0.24	50.01	-12.3394	-0.0399	-0.165
1005	SLU 64	-0.47	0.24	47.78	-11.788	-0.0377	-0.1576
1005	SLU 65	-0.47	0.28	47.76	-11.7849	-0.0377	-0.1583
1005	SLU 66	-0.47	0.25	48.57	-11.9765	-0.0384	-0.1595
1005	SLU 67	-0.47	0.27	48.56	-11.9746	-0.0384	-0.1599
1005	SLU 68	-0.47	0.28	48.22	-11.8979	-0.0381	-0.1582
1005	SLU 69	-0.47	0.25	49.04	-12.0895	-0.0389	-0.1594
1005	SLU 70	-0.47	0.27	49.02	-12.0876	-0.0388	-0.1598
1005	SLU 71	-0.47	0.24	48.71	-12.0141	-0.0386	-0.1574
1005	SLU 72	-0.47	0.26	48.7	-12.0122	-0.0385	-0.1578
1005	SLU 73	-0.51	0.31	52.11	-12.8378	-0.042	-0.1735
1005	SLU 74	-0.52	0.29	52.93	-13.0293	-0.0428	-0.1746
1005	SLU 75	-0.52	0.31	52.91	-13.0275	-0.0427	-0.1751
1005	SLU 76	-0.51	0.32	52.58	-12.9508	-0.0424	-0.1734
1005	SLU 77	-0.52	0.29	53.39	-13.1424	-0.0432	-0.1745
1005	SLU 78	-0.52	0.31	53.38	-13.1405	-0.0431	-0.1749
1005	SLU 79	-0.51	0.28	53.06	-13.0669	-0.0429	-0.1726
1005	SLU 80	-0.51	0.3	53.05	-13.0651	-0.0429	-0.173
1005	SLU 81	-0.53	0.29	54	-13.2921	-0.0439	-0.1793
1005	SLU 82	-0.53	0.31	53.99	-13.2903	-0.0439	-0.1797
1005	SLU 83	-0.53	0.29	54.46	-13.4051	-0.0444	-0.1792
1005	SLU 84	-0.53	0.32	54.45	-13.4033	-0.0443	-0.1796
1005	SLE RA 1	-0.35	0.16	35.78	-8.8339	-0.0281	-0.1181
1005	SLE RA 2	-0.35	0.19	35.77	-8.8318	-0.028	-0.1185
1005	SLE RA 3	-0.35	0.17	36.31	-8.9595	-0.0285	-0.1193
1005	SLE RA 4	-0.35	0.19	36.3	-8.9583	-0.0285	-0.1196
1005	SLE RA 5	-0.35	0.19	36.07	-8.9072	-0.0283	-0.1184
1005	SLE RA 6	-0.35	0.17	36.62	-9.0349	-0.0288	-0.1192
1005	SLE RA 7	-0.35	0.19	36.61	-9.0336	-0.0288	-0.1195
1005	SLE RA 8	-0.35	0.17	36.4	-8.9846	-0.0286	-0.1179
1005	SLE RA 9	-0.35	0.18	36.39	-8.9833	-0.0286	-0.1182
1005	SLE RA 10	-0.38	0.22	38.67	-9.5337	-0.0309	-0.1286
1005	SLE RA 11	-0.38	0.2	39.21	-9.6614	-0.0314	-0.1294
1005	SLE RA 12	-0.38	0.21	39.2	-9.6602	-0.0314	-0.1297
1005	SLE RA 13	-0.38	0.22	38.98	-9.6091	-0.0312	-0.1285
1005	SLE RA 14	-0.38	0.2	39.52	-9.7368	-0.0317	-0.1293
1005	SLE RA 15	-0.38	0.21	39.51	-9.7355	-0.0317	-0.1296
1005	SLE RA 16	-0.38	0.19	39.3	-9.6865	-0.0315	-0.128



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1005	SLE RA 17	-0.38	0.21	39.29	-9.6853	-0.0315	-0.1283
1005	SLE RA 18	-0.39	0.2	39.93	-9.8366	-0.0322	-0.1325
1005	SLE RA 19	-0.39	0.22	39.92	-9.8354	-0.0322	-0.1328
1005	SLE RA 20	-0.39	0.2	40.23	-9.912	-0.0325	-0.1324
1005	SLE RA 21	-0.39	0.22	40.23	-9.9107	-0.0324	-0.1327
1005	SLE FR 1	-0.35	0.16	35.78	-8.8339	-0.0281	-0.1181
1005	SLE FR 2	-0.35	0.17	35.78	-8.8335	-0.0281	-0.1181
1005	SLE FR 3	-0.35	0.17	35.9	-8.864	-0.0282	-0.118
1005	SLE FR 4	-0.36	0.18	37.02	-9.1343	-0.0293	-0.1225
1005	SLE FR 5	-0.36	0.18	37.15	-9.1648	-0.0294	-0.1223
1005	SLE FR 6	-0.37	0.18	37.85	-9.3353	-0.0301	-0.1253
1005	SLE QP 1	-0.35	0.16	35.78	-8.8339	-0.0281	-0.1181
1005	SLE QP 2	-0.36	0.18	37.02	-9.1347	-0.0293	-0.1224
1005	SLD 1	3.45	0.87	41.15	-9.5793	-0.024	1.2146
1005	SLD 2	3.07	0.7	41.05	-9.5867	-0.0233	1.0818
1005	SLD 3	3.39	-0.05	41.98	-9.7333	-0.0259	1.1919
1005	SLD 4	3.01	-0.22	41.89	-9.7407	-0.0253	1.0591
1005	SLD 5	0.95	1.82	37.01	-9.0331	-0.0249	0.337
1005	SLD 6	0.7	1.71	36.95	-9.038	-0.0245	0.2496
1005	SLD 7	0.73	-1.27	39.79	-9.5466	-0.0314	0.2612
1005	SLD 8	0.48	-1.38	39.73	-9.5515	-0.0309	0.1737
1005	SLD 9	-1.21	1.73	34.32	-8.7179	-0.0277	-0.4185
1005	SLD 10	-1.46	1.62	34.25	-8.7228	-0.0273	-0.506
1005	SLD 11	-1.42	-1.35	37.1	-9.2314	-0.0342	-0.4943
1005	SLD 12	-1.67	-1.47	37.03	-9.2363	-0.0337	-0.5818
1005	SLD 13	-3.73	0.57	32.16	-8.5287	-0.0334	-1.3038
1005	SLD 14	-4.11	0.41	32.07	-8.5361	-0.0327	-1.4366
1005	SLD 15	-3.8	-0.35	33	-8.6827	-0.0353	-1.3266
1005	SLD 16	-4.18	-0.52	32.9	-8.6901	-0.0346	-1.4594
1005	SLV 1	8.56	1.76	46.7	-10.1808	-0.0169	3.0048
1005	SLV 2	7.67	1.37	46.48	-10.1981	-0.0154	2.6955
1005	SLV 3	8.41	-0.33	48.59	-10.5305	-0.0213	2.9523
1005	SLV 4	7.53	-0.72	48.37	-10.5477	-0.0198	2.6431
1005	SLV 5	2.69	3.9	37.1	-8.9152	-0.0192	0.9491
1005	SLV 6	2.12	3.64	36.96	-8.9264	-0.0182	0.7489
1005	SLV 7	2.2	-3.09	43.4	-10.0807	-0.0339	0.7741
1005	SLV 8	1.63	-3.34	43.26	-10.0919	-0.0329	0.574
1005	SLV 9	-2.35	3.69	30.79	-8.1775	-0.0258	-0.8187
1005	SLV 10	-2.92	3.44	30.65	-8.1887	-0.0248	-1.0188
1005	SLV 11	-2.84	-3.29	37.09	-9.343	-0.0404	-0.9937
1005	SLV 12	-3.42	-3.55	36.95	-9.3542	-0.0394	-1.1938
1005	SLV 13	-8.25	1.07	25.68	-7.7217	-0.0388	-2.8878
1005	SLV 14	-9.13	0.68	25.46	-7.7389	-0.0373	-3.1971
1005	SLV 15	-8.4	-1.02	27.57	-8.0714	-0.0432	-2.9403
1005	SLV 16	-9.28	-1.41	27.35	-8.0886	-0.0417	-3.2496
1005	CRTFP Ux+	0	0	0	0	0	0
1005	CRTFP Ux-	0	0	0	0	0	0
1005	CRTFP Uy+	0	0	0	0	0	0
1005	CRTFP Uy-	0	0	0	0	0	0
1006	SLU 1	-0.31	0.26	35.45	-9.4633	-0.0308	-0.1031
1006	SLU 2	-0.31	0.3	35.42	-9.4591	-0.0307	-0.1037
1006	SLU 3	-0.31	0.28	36.26	-9.6749	-0.0315	-0.1047
1006	SLU 4	-0.31	0.3	36.25	-9.6723	-0.0315	-0.1051
1006	SLU 5	-0.31	0.31	35.9	-9.5854	-0.0312	-0.1035
1006	SLU 6	-0.31	0.28	36.74	-9.8011	-0.032	-0.1044
1006	SLU 7	-0.31	0.31	36.72	-9.7986	-0.032	-0.1048
1006	SLU 8	-0.3	0.27	36.4	-9.7159	-0.0317	-0.1025
1006	SLU 9	-0.31	0.3	36.39	-9.7133	-0.0317	-0.1029
1006	SLU 10	-0.35	0.35	39.92	-10.6475	-0.0355	-0.1179
1006	SLU 11	-0.35	0.33	40.76	-10.8632	-0.0364	-0.1189
1006	SLU 12	-0.35	0.35	40.75	-10.8607	-0.0363	-0.1192
1006	SLU 13	-0.35	0.36	40.4	-10.7737	-0.036	-0.1176
1006	SLU 14	-0.35	0.33	41.24	-10.9895	-0.0368	-0.1186
1006	SLU 15	-0.35	0.36	41.22	-10.987	-0.0368	-0.1189
1006	SLU 16	-0.35	0.32	40.9	-10.9043	-0.0365	-0.1167
1006	SLU 17	-0.35	0.34	40.89	-10.9017	-0.0365	-0.1171
1006	SLU 18	-0.36	0.34	41.88	-11.161	-0.0376	-0.1234
1006	SLU 19	-0.37	0.36	41.86	-11.1585	-0.0376	-0.1237
1006	SLU 20	-0.36	0.34	42.35	-11.2873	-0.0381	-0.1231
1006	SLU 21	-0.37	0.36	42.34	-11.2847	-0.038	-0.1234
1006	SLU 22	-0.35	0.36	40.04	-10.6654	-0.0356	-0.1168
1006	SLU 23	-0.35	0.4	40.01	-10.6612	-0.0355	-0.1174
1006	SLU 24	-0.35	0.37	40.85	-10.877	-0.0364	-0.1184
1006	SLU 25	-0.35	0.4	40.84	-10.8744	-0.0364	-0.1187
1006	SLU 26	-0.35	0.4	40.49	-10.7875	-0.036	-0.1171
1006	SLU 27	-0.35	0.38	41.33	-11.0032	-0.0369	-0.1181
1006	SLU 28	-0.35	0.4	41.32	-11.0007	-0.0369	-0.1184
1006	SLU 29	-0.34	0.37	40.99	-10.918	-0.0366	-0.1162
1006	SLU 30	-0.35	0.39	40.98	-10.9154	-0.0365	-0.1166
1006	SLU 31	-0.39	0.45	44.51	-11.8496	-0.0403	-0.1316
1006	SLU 32	-0.39	0.42	45.35	-12.0653	-0.0412	-0.1325
1006	SLU 33	-0.39	0.45	45.34	-12.0628	-0.0412	-0.1329
1006	SLU 34	-0.39	0.45	44.99	-11.9758	-0.0408	-0.1313
1006	SLU 35	-0.39	0.43	45.83	-12.1916	-0.0417	-0.1322
1006	SLU 36	-0.39	0.45	45.82	-12.1891	-0.0417	-0.1326
1006	SLU 37	-0.39	0.42	45.49	-12.1063	-0.0414	-0.1304
1006	SLU 38	-0.39	0.44	45.48	-12.1038	-0.0413	-0.1307
1006	SLU 39	-0.41	0.43	46.47	-12.3631	-0.0425	-0.137
1006	SLU 40	-0.41	0.45	46.45	-12.3606	-0.0424	-0.1374



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1006	SLU 41	-0.4	0.44	46.94	-12.4894	-0.043	-0.1367
1006	SLU 42	-0.41	0.46	46.93	-12.4868	-0.0429	-0.1371
1006	SLU 43	-0.38	0.31	44.51	-11.8902	-0.0383	-0.1294
1006	SLU 44	-0.39	0.35	44.48	-11.886	-0.0382	-0.13
1006	SLU 45	-0.39	0.33	45.32	-12.1017	-0.0391	-0.131
1006	SLU 46	-0.39	0.35	45.31	-12.0992	-0.0391	-0.1313
1006	SLU 47	-0.38	0.35	44.96	-12.0122	-0.0387	-0.1297
1006	SLU 48	-0.39	0.33	45.8	-12.228	-0.0396	-0.1307
1006	SLU 49	-0.39	0.35	45.78	-12.2255	-0.0395	-0.131
1006	SLU 50	-0.38	0.32	45.46	-12.1427	-0.0393	-0.1288
1006	SLU 51	-0.38	0.34	45.45	-12.1402	-0.0392	-0.1292
1006	SLU 52	-0.43	0.4	48.98	-13.0743	-0.043	-0.1442
1006	SLU 53	-0.43	0.38	49.82	-13.2901	-0.0439	-0.1451
1006	SLU 54	-0.43	0.4	49.81	-13.2876	-0.0439	-0.1455
1006	SLU 55	-0.43	0.4	49.46	-13.2006	-0.0435	-0.1439
1006	SLU 56	-0.43	0.38	50.3	-13.4164	-0.0444	-0.1448
1006	SLU 57	-0.43	0.4	50.28	-13.4138	-0.0443	-0.1452
1006	SLU 58	-0.42	0.37	49.96	-13.3311	-0.0441	-0.143
1006	SLU 59	-0.42	0.39	49.95	-13.3286	-0.044	-0.1433
1006	SLU 60	-0.44	0.38	50.94	-13.5879	-0.0452	-0.1496
1006	SLU 61	-0.44	0.41	50.92	-13.5853	-0.0451	-0.15
1006	SLU 62	-0.44	0.39	51.41	-13.7141	-0.0456	-0.1493
1006	SLU 63	-0.44	0.41	51.4	-13.7116	-0.0456	-0.1497
1006	SLU 64	-0.42	0.41	49.1	-13.0923	-0.0432	-0.143
1006	SLU 65	-0.43	0.45	49.07	-13.088	-0.0431	-0.1437
1006	SLU 66	-0.43	0.42	49.91	-13.3038	-0.044	-0.1446
1006	SLU 67	-0.43	0.44	49.9	-13.3013	-0.0439	-0.145
1006	SLU 68	-0.42	0.45	49.55	-13.2143	-0.0436	-0.1434
1006	SLU 69	-0.43	0.43	50.39	-13.4301	-0.0445	-0.1443
1006	SLU 70	-0.43	0.45	50.38	-13.4275	-0.0444	-0.1447
1006	SLU 71	-0.42	0.41	50.05	-13.3448	-0.0441	-0.1425
1006	SLU 72	-0.42	0.44	50.04	-13.3423	-0.0441	-0.1428
1006	SLU 73	-0.47	0.5	53.57	-14.2764	-0.0479	-0.1578
1006	SLU 74	-0.47	0.47	54.41	-14.4922	-0.0488	-0.1588
1006	SLU 75	-0.47	0.49	54.4	-14.4896	-0.0487	-0.1592
1006	SLU 76	-0.47	0.5	54.05	-14.4027	-0.0484	-0.1575
1006	SLU 77	-0.47	0.47	54.89	-14.6185	-0.0493	-0.1585
1006	SLU 78	-0.47	0.5	54.88	-14.6159	-0.0492	-0.1589
1006	SLU 79	-0.46	0.46	54.55	-14.5332	-0.0489	-0.1566
1006	SLU 80	-0.47	0.49	54.54	-14.5307	-0.0489	-0.157
1006	SLU 81	-0.48	0.48	55.53	-14.79	-0.05	-0.1633
1006	SLU 82	-0.48	0.5	55.51	-14.7874	-0.05	-0.1637
1006	SLU 83	-0.48	0.48	56	-14.9162	-0.0505	-0.163
1006	SLU 84	-0.48	0.5	55.99	-14.9137	-0.0505	-0.1634
1006	SLE RA 1	-0.32	0.29	36.76	-9.8068	-0.0321	-0.107
1006	SLE RA 2	-0.32	0.32	36.74	-9.804	-0.0321	-0.1074
1006	SLE RA 3	-0.32	0.3	37.3	-9.9478	-0.0327	-0.1081
1006	SLE RA 4	-0.32	0.32	37.29	-9.9461	-0.0326	-0.1083
1006	SLE RA 5	-0.32	0.32	37.06	-9.8882	-0.0324	-0.1072
1006	SLE RA 6	-0.32	0.3	37.62	-10.032	-0.033	-0.1079
1006	SLE RA 7	-0.32	0.32	37.61	-10.0303	-0.033	-0.1081
1006	SLE RA 8	-0.32	0.3	37.39	-9.9752	-0.0328	-0.1066
1006	SLE RA 9	-0.32	0.31	37.38	-9.9735	-0.0328	-0.1069
1006	SLE RA 10	-0.35	0.35	39.74	-10.5962	-0.0353	-0.1169
1006	SLE RA 11	-0.35	0.33	40.3	-10.7401	-0.0359	-0.1175
1006	SLE RA 12	-0.35	0.35	40.29	-10.7384	-0.0358	-0.1178
1006	SLE RA 13	-0.35	0.35	40.06	-10.6804	-0.0356	-0.1167
1006	SLE RA 14	-0.35	0.34	40.62	-10.8242	-0.0362	-0.1173
1006	SLE RA 15	-0.35	0.35	40.61	-10.8225	-0.0362	-0.1176
1006	SLE RA 16	-0.34	0.33	40.4	-10.7674	-0.036	-0.1161
1006	SLE RA 17	-0.34	0.35	40.39	-10.7657	-0.036	-0.1163
1006	SLE RA 18	-0.36	0.34	41.04	-10.9386	-0.0367	-0.1205
1006	SLE RA 19	-0.36	0.35	41.03	-10.9369	-0.0367	-0.1208
1006	SLE RA 20	-0.36	0.34	41.36	-11.0228	-0.037	-0.1203
1006	SLE RA 21	-0.36	0.36	41.35	-11.0211	-0.037	-0.1206
1006	SLE FR 1	-0.32	0.29	36.76	-9.8068	-0.0321	-0.107
1006	SLE FR 2	-0.32	0.3	36.75	-9.8062	-0.0321	-0.1071
1006	SLE FR 3	-0.32	0.29	36.89	-9.8405	-0.0323	-0.107
1006	SLE FR 4	-0.33	0.31	38.04	-10.1458	-0.0335	-0.1112
1006	SLE FR 5	-0.33	0.31	38.17	-10.18	-0.0336	-0.111
1006	SLE FR 6	-0.34	0.32	38.9	-10.3727	-0.0344	-0.1138
1006	SLE QP 1	-0.32	0.29	36.76	-9.8068	-0.0321	-0.107
1006	SLE QP 2	-0.33	0.31	38.04	-10.1463	-0.0335	-0.1111
1006	SLD 1	3.48	1.06	42.01	-10.7469	-0.0286	1.2246
1006	SLD 2	3.1	0.9	41.9	-10.7356	-0.0281	1.0923
1006	SLD 3	3.42	0.12	42.9	-10.9314	-0.0307	1.2019
1006	SLD 4	3.04	-0.04	42.79	-10.9201	-0.0302	1.0696
1006	SLD 5	0.98	1.99	37.9	-10.0487	-0.029	0.3478
1006	SLD 6	0.73	1.88	37.83	-10.0413	-0.0286	0.2606
1006	SLD 7	0.77	-1.15	40.88	-10.6636	-0.036	0.2721
1006	SLD 8	0.52	-1.26	40.8	-10.6562	-0.0356	0.185
1006	SLD 9	-1.17	1.87	35.29	-9.6364	-0.0314	-0.4072
1006	SLD 10	-1.42	1.76	35.21	-9.629	-0.0311	-0.4943
1006	SLD 11	-1.39	-1.27	38.26	-10.2513	-0.0384	-0.4828
1006	SLD 12	-1.64	-1.38	38.19	-10.2439	-0.0381	-0.5699
1006	SLD 13	-3.7	0.66	33.3	-9.3725	-0.0368	-1.2918
1006	SLD 14	-4.08	0.5	33.18	-9.3613	-0.0363	-1.4241
1006	SLD 15	-3.76	-0.28	34.19	-9.557	-0.0389	-1.3145
1006	SLD 16	-4.14	-0.45	34.08	-9.5458	-0.0384	-1.4468



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1006	SLV 1	8.59	2.03	47.36	-11.5589	-0.0221	3.0131
1006	SLV 2	7.71	1.66	47.09	-11.5327	-0.021	2.705
1006	SLV 3	8.44	-0.1	49.38	-11.977	-0.0269	2.9607
1006	SLV 4	7.56	-0.48	49.12	-11.9508	-0.0257	2.6526
1006	SLV 5	2.72	4.13	37.82	-9.9405	-0.0231	0.9591
1006	SLV 6	2.15	3.88	37.65	-9.9236	-0.0223	0.7597
1006	SLV 7	2.23	-2.99	44.56	-11.3342	-0.039	0.7845
1006	SLV 8	1.66	-3.23	44.39	-11.3172	-0.0382	0.5851
1006	SLV 9	-2.32	3.84	31.7	-8.9754	-0.0288	-0.8073
1006	SLV 10	-2.89	3.6	31.53	-8.9585	-0.0281	-1.0066
1006	SLV 11	-2.81	-3.27	38.44	-10.3691	-0.0447	-0.9819
1006	SLV 12	-3.38	-3.51	38.27	-10.3521	-0.044	-1.1812
1006	SLV 13	-8.22	1.09	26.97	-8.3419	-0.0413	-2.8748
1006	SLV 14	-9.1	0.71	26.71	-8.3157	-0.0401	-3.1829
1006	SLV 15	-8.36	-1.04	28.99	-8.76	-0.0461	-2.9271
1006	SLV 16	-9.25	-1.42	28.73	-8.7338	-0.0449	-3.2352
1006	CRTFP Ux+	0	0	0	0	0	0
1006	CRTFP Ux-	0	0	0	0	0	0
1006	CRTFP Uy+	0	0	0	0	0	0
1006	CRTFP Uy-	0	0	0	0	0	0
1007	SLU 1	-0.27	0.38	36.34	-10.4338	-0.0239	-0.0917
1007	SLU 2	-0.27	0.42	36.32	-10.4284	-0.0238	-0.0922
1007	SLU 3	-0.28	0.4	37.18	-10.6696	-0.0245	-0.093
1007	SLU 4	-0.28	0.42	37.17	-10.6664	-0.0245	-0.0933
1007	SLU 5	-0.27	0.43	36.81	-10.5686	-0.0242	-0.0917
1007	SLU 6	-0.27	0.41	37.67	-10.8098	-0.0249	-0.0925
1007	SLU 7	-0.28	0.43	37.66	-10.8066	-0.0249	-0.0928
1007	SLU 8	-0.27	0.39	37.33	-10.7142	-0.0247	-0.0907
1007	SLU 9	-0.27	0.42	37.31	-10.711	-0.0246	-0.091
1007	SLU 10	-0.31	0.48	40.96	-11.755	-0.0275	-0.1053
1007	SLU 11	-0.31	0.46	41.82	-11.9961	-0.0282	-0.1061
1007	SLU 12	-0.32	0.48	41.81	-11.9929	-0.0282	-0.1064
1007	SLU 13	-0.31	0.49	41.45	-11.8952	-0.0279	-0.1048
1007	SLU 14	-0.31	0.47	42.31	-12.1363	-0.0286	-0.1056
1007	SLU 15	-0.31	0.49	42.3	-12.1331	-0.0286	-0.1059
1007	SLU 16	-0.31	0.45	41.97	-12.0407	-0.0284	-0.1038
1007	SLU 17	-0.31	0.48	41.95	-12.0375	-0.0283	-0.1041
1007	SLU 18	-0.33	0.47	42.97	-12.3288	-0.0292	-0.1104
1007	SLU 19	-0.33	0.49	42.95	-12.3256	-0.0292	-0.1107
1007	SLU 20	-0.33	0.48	43.46	-12.469	-0.0296	-0.1099
1007	SLU 21	-0.33	0.5	43.45	-12.4658	-0.0295	-0.1102
1007	SLU 22	-0.31	0.49	41.08	-11.7771	-0.0277	-0.1043
1007	SLU 23	-0.31	0.53	41.05	-11.7718	-0.0276	-0.1048
1007	SLU 24	-0.31	0.51	41.91	-12.0129	-0.0283	-0.1056
1007	SLU 25	-0.31	0.53	41.9	-12.0097	-0.0283	-0.1059
1007	SLU 26	-0.31	0.54	41.54	-11.912	-0.028	-0.1044
1007	SLU 27	-0.31	0.52	42.41	-12.1531	-0.0287	-0.1051
1007	SLU 28	-0.31	0.54	42.39	-12.1499	-0.0286	-0.1054
1007	SLU 29	-0.31	0.5	42.06	-12.0575	-0.0284	-0.1033
1007	SLU 30	-0.31	0.53	42.04	-12.0543	-0.0284	-0.1037
1007	SLU 31	-0.35	0.59	45.69	-13.0983	-0.0313	-0.1179
1007	SLU 32	-0.35	0.57	46.55	-13.3394	-0.032	-0.1187
1007	SLU 33	-0.35	0.6	46.54	-13.3362	-0.032	-0.119
1007	SLU 34	-0.35	0.6	46.18	-13.2385	-0.0317	-0.1175
1007	SLU 35	-0.35	0.58	47.05	-13.4796	-0.0324	-0.1182
1007	SLU 36	-0.35	0.6	47.03	-13.4764	-0.0324	-0.1185
1007	SLU 37	-0.35	0.57	46.7	-13.384	-0.0322	-0.1165
1007	SLU 38	-0.35	0.59	46.68	-13.3808	-0.0321	-0.1168
1007	SLU 39	-0.36	0.58	47.7	-13.6721	-0.033	-0.123
1007	SLU 40	-0.37	0.6	47.69	-13.6689	-0.0329	-0.1234
1007	SLU 41	-0.36	0.59	48.2	-13.8123	-0.0334	-0.1226
1007	SLU 42	-0.36	0.61	48.18	-13.8091	-0.0333	-0.1229
1007	SLU 43	-0.34	0.46	45.62	-13.1034	-0.0298	-0.1148
1007	SLU 44	-0.34	0.5	45.6	-13.098	-0.0297	-0.1154
1007	SLU 45	-0.34	0.48	46.46	-13.3392	-0.0304	-0.1161
1007	SLU 46	-0.35	0.5	46.45	-13.3359	-0.0303	-0.1164
1007	SLU 47	-0.34	0.5	46.09	-13.2382	-0.0301	-0.1149
1007	SLU 48	-0.34	0.48	46.95	-13.4794	-0.0308	-0.1156
1007	SLU 49	-0.34	0.51	46.94	-13.4761	-0.0307	-0.116
1007	SLU 50	-0.34	0.47	46.61	-13.3838	-0.0305	-0.1139
1007	SLU 51	-0.34	0.49	46.59	-13.3806	-0.0305	-0.1142
1007	SLU 52	-0.38	0.56	50.24	-14.4245	-0.0334	-0.1285
1007	SLU 53	-0.38	0.54	51.1	-14.6657	-0.0341	-0.1292
1007	SLU 54	-0.38	0.56	51.09	-14.6625	-0.0341	-0.1296
1007	SLU 55	-0.38	0.56	50.73	-14.5647	-0.0338	-0.128
1007	SLU 56	-0.38	0.54	51.59	-14.8059	-0.0345	-0.1288
1007	SLU 57	-0.38	0.57	51.58	-14.8027	-0.0344	-0.1291
1007	SLU 58	-0.38	0.53	51.25	-14.7103	-0.0342	-0.127
1007	SLU 59	-0.38	0.55	51.23	-14.7071	-0.0342	-0.1273
1007	SLU 60	-0.4	0.55	52.25	-14.9984	-0.0351	-0.1336
1007	SLU 61	-0.4	0.57	52.23	-14.9952	-0.035	-0.1339
1007	SLU 62	-0.39	0.55	52.74	-15.1386	-0.0355	-0.1331
1007	SLU 63	-0.4	0.58	52.73	-15.1354	-0.0354	-0.1334
1007	SLU 64	-0.38	0.57	50.36	-14.4467	-0.0335	-0.1275
1007	SLU 65	-0.38	0.61	50.33	-14.4413	-0.0335	-0.128
1007	SLU 66	-0.38	0.59	51.19	-14.6825	-0.0342	-0.1288
1007	SLU 67	-0.38	0.61	51.18	-14.6793	-0.0341	-0.1291
1007	SLU 68	-0.38	0.61	50.82	-14.5815	-0.0339	-0.1275
1007	SLU 69	-0.38	0.59	51.69	-14.8227	-0.0346	-0.1283



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1007	SLU 70	-0.38	0.62	51.67	-14.8195	-0.0345	-0.1286
1007	SLU 71	-0.38	0.58	51.34	-14.7271	-0.0343	-0.1265
1007	SLU 72	-0.38	0.6	51.32	-14.7239	-0.0343	-0.1268
1007	SLU 73	-0.42	0.67	54.97	-15.7678	-0.0372	-0.1411
1007	SLU 74	-0.42	0.65	55.83	-16.009	-0.0379	-0.1419
1007	SLU 75	-0.42	0.67	55.82	-16.0058	-0.0379	-0.1422
1007	SLU 76	-0.42	0.68	55.46	-15.908	-0.0376	-0.1406
1007	SLU 77	-0.42	0.65	56.33	-16.1492	-0.0383	-0.1414
1007	SLU 78	-0.42	0.68	56.31	-16.146	-0.0382	-0.1417
1007	SLU 79	-0.41	0.64	55.98	-16.0536	-0.038	-0.1396
1007	SLU 80	-0.42	0.67	55.96	-16.0504	-0.038	-0.1399
1007	SLU 81	-0.43	0.66	56.98	-16.3417	-0.0389	-0.1462
1007	SLU 82	-0.43	0.68	56.97	-16.3385	-0.0388	-0.1465
1007	SLU 83	-0.43	0.66	57.48	-16.4819	-0.0392	-0.1457
1007	SLU 84	-0.43	0.69	57.46	-16.4787	-0.0392	-0.146
1007	SLE RA 1	-0.28	0.41	37.69	-10.8176	-0.025	-0.0953
1007	SLE RA 2	-0.28	0.44	37.68	-10.814	-0.0249	-0.0956
1007	SLE RA 3	-0.29	0.43	38.25	-10.9748	-0.0254	-0.0961
1007	SLE RA 4	-0.29	0.44	38.24	-10.9727	-0.0254	-0.0963
1007	SLE RA 5	-0.28	0.44	38	-10.9075	-0.0252	-0.0953
1007	SLE RA 6	-0.28	0.43	38.58	-11.0683	-0.0256	-0.0958
1007	SLE RA 7	-0.29	0.44	38.57	-11.0661	-0.0256	-0.096
1007	SLE RA 8	-0.28	0.42	38.35	-11.0045	-0.0255	-0.0946
1007	SLE RA 9	-0.28	0.44	38.34	-11.0024	-0.0255	-0.0949
1007	SLE RA 10	-0.31	0.48	40.77	-11.6984	-0.0274	-0.1044
1007	SLE RA 11	-0.31	0.47	41.35	-11.8591	-0.0279	-0.1049
1007	SLE RA 12	-0.31	0.48	41.34	-11.857	-0.0278	-0.1051
1007	SLE RA 13	-0.31	0.48	41.1	-11.7918	-0.0277	-0.1041
1007	SLE RA 14	-0.31	0.47	41.68	-11.9526	-0.0281	-0.1046
1007	SLE RA 15	-0.31	0.49	41.66	-11.9505	-0.0281	-0.1048
1007	SLE RA 16	-0.31	0.46	41.44	-11.8889	-0.028	-0.1034
1007	SLE RA 17	-0.31	0.48	41.43	-11.8867	-0.0279	-0.1036
1007	SLE RA 18	-0.32	0.47	42.11	-12.0809	-0.0285	-0.1078
1007	SLE RA 19	-0.32	0.49	42.1	-12.0788	-0.0285	-0.108
1007	SLE RA 20	-0.32	0.48	42.44	-12.1744	-0.0288	-0.1074
1007	SLE RA 21	-0.32	0.49	42.43	-12.1723	-0.0287	-0.1077
1007	SLE FR 1	-0.28	0.41	37.69	-10.8176	-0.025	-0.0953
1007	SLE FR 2	-0.28	0.42	37.69	-10.8169	-0.025	-0.0954
1007	SLE FR 3	-0.28	0.42	37.83	-10.855	-0.0251	-0.0952
1007	SLE FR 4	-0.29	0.44	39.02	-11.1959	-0.026	-0.0991
1007	SLE FR 5	-0.29	0.43	39.15	-11.234	-0.0261	-0.0989
1007	SLE FR 6	-0.3	0.44	39.9	-11.4493	-0.0267	-0.1015
1007	SLE QP 1	-0.28	0.41	37.69	-10.8176	-0.025	-0.0953
1007	SLE QP 2	-0.29	0.43	39.02	-11.1966	-0.026	-0.099
1007	SLD 1	3.52	1.21	42.83	-11.9617	-0.0207	1.2348
1007	SLD 2	3.14	1.06	42.7	-11.935	-0.0203	1.103
1007	SLD 3	3.45	0.25	43.78	-12.1799	-0.0226	1.2122
1007	SLD 4	3.08	0.1	43.66	-12.1532	-0.0223	1.0805
1007	SLD 5	1.01	2.15	38.74	-11.1	-0.0215	0.359
1007	SLD 6	0.77	2.05	38.66	-11.0824	-0.0213	0.2722
1007	SLD 7	0.8	-1.05	41.92	-11.8273	-0.028	0.2837
1007	SLD 8	0.55	-1.15	41.83	-11.8097	-0.0278	0.1969
1007	SLD 9	-1.14	2.01	36.21	-10.5835	-0.0242	-0.395
1007	SLD 10	-1.39	1.91	36.12	-10.5659	-0.024	-0.4817
1007	SLD 11	-1.35	-1.18	39.38	-11.3108	-0.0308	-0.4703
1007	SLD 12	-1.6	-1.28	39.3	-11.2932	-0.0306	-0.557
1007	SLD 13	-3.66	0.76	34.38	-10.24	-0.0298	-1.2785
1007	SLD 14	-4.04	0.61	34.26	-10.2133	-0.0295	-1.4102
1007	SLD 15	-3.73	-0.2	35.34	-10.4582	-0.0317	-1.3011
1007	SLD 16	-4.1	-0.35	35.21	-10.4315	-0.0314	-1.4328
1007	SLV 1	8.62	2.22	47.97	-12.9955	-0.0135	3.0207
1007	SLV 2	7.74	1.87	47.68	-12.9332	-0.0128	2.714
1007	SLV 3	8.47	0.05	50.13	-13.4897	-0.018	2.9686
1007	SLV 4	7.59	-0.3	49.83	-13.4275	-0.0172	2.6618
1007	SLV 5	2.76	4.32	38.48	-10.9974	-0.0157	0.9692
1007	SLV 6	2.19	4.1	38.29	-10.9572	-0.0152	0.7707
1007	SLV 7	2.26	-2.91	45.68	-12.645	-0.0305	0.7954
1007	SLV 8	1.7	-3.14	45.49	-12.6047	-0.03	0.5969
1007	SLV 9	-2.28	4.01	32.55	-9.7885	-0.0221	-0.795
1007	SLV 10	-2.85	3.78	32.36	-9.7482	-0.0216	-0.9935
1007	SLV 11	-2.78	-3.23	39.75	-11.436	-0.0369	-0.9688
1007	SLV 12	-3.35	-3.46	39.56	-11.3958	-0.0364	-1.1673
1007	SLV 13	-8.18	1.16	28.21	-8.9657	-0.0349	-2.8599
1007	SLV 14	-9.06	0.81	27.91	-8.9035	-0.0341	-3.1667
1007	SLV 15	-8.33	-1.01	30.37	-9.46	-0.0393	-2.912
1007	SLV 16	-9.21	-1.36	30.07	-9.3977	-0.0385	-3.2188
1007	CRTFP Ux+	0	0	0	0	0	0
1007	CRTFP Ux-	0	0	0	0	0	0
1007	CRTFP Uy+	0	0	0	0	0	0
1007	CRTFP Uy-	0	0	0	0	0	0
1008	SLU 1	-0.21	0.43	33.23	-10.1237	0.6149	-0.0804
1008	SLU 2	-0.21	0.47	33.2	-10.118	0.6144	-0.0815
1008	SLU 3	-0.22	0.45	34	-10.3543	0.629	-0.0817
1008	SLU 4	-0.22	0.47	33.98	-10.3509	0.6288	-0.0823
1008	SLU 5	-0.21	0.47	33.65	-10.2546	0.6227	-0.081
1008	SLU 6	-0.21	0.46	34.45	-10.491	0.6374	-0.0812
1008	SLU 7	-0.21	0.48	34.43	-10.4876	0.6371	-0.0818
1008	SLU 8	-0.21	0.45	34.13	-10.397	0.6315	-0.0795
1008	SLU 9	-0.21	0.47	34.11	-10.3936	0.6312	-0.0801



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1008	SLU 10	-0.25	0.53	37.46	-11.4133	0.693	-0.0936
1008	SLU 11	-0.25	0.52	38.25	-11.6496	0.7076	-0.0938
1008	SLU 12	-0.25	0.54	38.24	-11.6462	0.7073	-0.0944
1008	SLU 13	-0.24	0.54	37.91	-11.5499	0.7013	-0.0931
1008	SLU 14	-0.25	0.52	38.7	-11.7863	0.7159	-0.0933
1008	SLU 15	-0.25	0.54	38.69	-11.7829	0.7157	-0.0939
1008	SLU 16	-0.24	0.51	38.39	-11.6923	0.71	-0.0915
1008	SLU 17	-0.24	0.53	38.37	-11.6889	0.7098	-0.0922
1008	SLU 18	-0.26	0.53	39.31	-11.9741	0.7271	-0.0977
1008	SLU 19	-0.26	0.55	39.29	-11.9707	0.7268	-0.0983
1008	SLU 20	-0.26	0.53	39.76	-12.1108	0.7354	-0.0972
1008	SLU 21	-0.26	0.55	39.74	-12.1074	0.7351	-0.0978
1008	SLU 22	-0.24	0.55	37.57	-11.4369	0.695	-0.093
1008	SLU 23	-0.24	0.58	37.54	-11.4312	0.6945	-0.0941
1008	SLU 24	-0.25	0.56	38.34	-11.6676	0.7092	-0.0942
1008	SLU 25	-0.25	0.58	38.32	-11.6641	0.7089	-0.0949
1008	SLU 26	-0.24	0.59	37.99	-11.5679	0.7028	-0.0936
1008	SLU 27	-0.24	0.57	38.79	-11.8042	0.7175	-0.0937
1008	SLU 28	-0.25	0.59	38.77	-11.8008	0.7172	-0.0944
1008	SLU 29	-0.24	0.56	38.47	-11.7103	0.7116	-0.092
1008	SLU 30	-0.24	0.58	38.46	-11.7068	0.7113	-0.0927
1008	SLU 31	-0.28	0.65	41.8	-12.7265	0.7731	-0.1061
1008	SLU 32	-0.28	0.63	42.59	-12.9629	0.7877	-0.1063
1008	SLU 33	-0.28	0.65	42.58	-12.9594	0.7874	-0.1069
1008	SLU 34	-0.27	0.65	42.25	-12.8632	0.7814	-0.1056
1008	SLU 35	-0.28	0.63	43.04	-13.0995	0.796	-0.1058
1008	SLU 36	-0.28	0.66	43.03	-13.0961	0.7958	-0.1065
1008	SLU 37	-0.27	0.62	42.73	-13.0056	0.7902	-0.1041
1008	SLU 38	-0.27	0.64	42.71	-13.0021	0.7899	-0.1047
1008	SLU 39	-0.29	0.64	43.65	-13.2874	0.8072	-0.1103
1008	SLU 40	-0.29	0.66	43.63	-13.2839	0.8069	-0.1109
1008	SLU 41	-0.29	0.64	44.1	-13.424	0.8155	-0.1098
1008	SLU 42	-0.29	0.67	44.08	-13.4206	0.8152	-0.1104
1008	SLU 43	-0.27	0.53	41.71	-12.7105	0.7718	-0.1003
1008	SLU 44	-0.27	0.56	41.68	-12.7048	0.7714	-0.1013
1008	SLU 45	-0.27	0.54	42.48	-12.9412	0.786	-0.1015
1008	SLU 46	-0.27	0.56	42.46	-12.9377	0.7858	-0.1021
1008	SLU 47	-0.27	0.57	42.13	-12.8415	0.7797	-0.1008
1008	SLU 48	-0.27	0.55	42.93	-13.0778	0.7944	-0.101
1008	SLU 49	-0.27	0.57	42.91	-13.0744	0.7941	-0.1016
1008	SLU 50	-0.26	0.54	42.61	-12.9839	0.7885	-0.0993
1008	SLU 51	-0.26	0.56	42.59	-12.9804	0.7882	-0.0999
1008	SLU 52	-0.3	0.63	45.94	-14.0001	0.85	-0.1134
1008	SLU 53	-0.3	0.61	46.73	-14.2365	0.8646	-0.1136
1008	SLU 54	-0.3	0.63	46.72	-14.2331	0.8643	-0.1142
1008	SLU 55	-0.3	0.63	46.39	-14.1368	0.8583	-0.1129
1008	SLU 56	-0.3	0.61	47.18	-14.3732	0.8729	-0.1131
1008	SLU 57	-0.3	0.64	47.17	-14.3697	0.8726	-0.1137
1008	SLU 58	-0.29	0.6	46.87	-14.2792	0.867	-0.1114
1008	SLU 59	-0.3	0.62	46.85	-14.2757	0.8668	-0.112
1008	SLU 60	-0.31	0.62	47.79	-14.561	0.8841	-0.1175
1008	SLU 61	-0.31	0.64	47.77	-14.5575	0.8838	-0.1182
1008	SLU 62	-0.31	0.62	48.24	-14.6976	0.8924	-0.117
1008	SLU 63	-0.31	0.65	48.22	-14.6942	0.8921	-0.1177
1008	SLU 64	-0.3	0.64	46.05	-14.0238	0.852	-0.1128
1008	SLU 65	-0.3	0.67	46.02	-14.018	0.8515	-0.1139
1008	SLU 66	-0.3	0.66	46.82	-14.2544	0.8662	-0.1141
1008	SLU 67	-0.3	0.68	46.8	-14.251	0.8659	-0.1147
1008	SLU 68	-0.3	0.68	46.47	-14.1547	0.8598	-0.1134
1008	SLU 69	-0.3	0.66	47.27	-14.3911	0.8745	-0.1136
1008	SLU 70	-0.3	0.68	47.25	-14.3876	0.8742	-0.1142
1008	SLU 71	-0.29	0.65	46.95	-14.2971	0.8686	-0.1118
1008	SLU 72	-0.29	0.67	46.94	-14.2937	0.8683	-0.1125
1008	SLU 73	-0.33	0.74	50.28	-15.3134	0.9301	-0.126
1008	SLU 74	-0.33	0.72	51.07	-15.5497	0.9447	-0.1261
1008	SLU 75	-0.33	0.74	51.06	-15.5463	0.9444	-0.1268
1008	SLU 76	-0.33	0.74	50.73	-15.45	0.9384	-0.1255
1008	SLU 77	-0.33	0.73	51.52	-15.6864	0.953	-0.1256
1008	SLU 78	-0.33	0.75	51.51	-15.683	0.9528	-0.1263
1008	SLU 79	-0.33	0.71	51.21	-15.5924	0.9472	-0.1239
1008	SLU 80	-0.33	0.73	51.19	-15.589	0.9469	-0.1246
1008	SLU 81	-0.34	0.73	52.13	-15.8742	0.9642	-0.1301
1008	SLU 82	-0.34	0.75	52.11	-15.8708	0.9639	-0.1307
1008	SLU 83	-0.34	0.74	52.58	-16.0109	0.9725	-0.1296
1008	SLU 84	-0.34	0.76	52.56	-16.0075	0.9722	-0.1302
1008	SLE RA 1	-0.22	0.47	34.47	-10.4989	0.6377	-0.084
1008	SLE RA 2	-0.22	0.49	34.45	-10.4951	0.6374	-0.0847
1008	SLE RA 3	-0.22	0.48	34.98	-10.6527	0.6472	-0.0849
1008	SLE RA 4	-0.22	0.49	34.97	-10.6504	0.647	-0.0853
1008	SLE RA 5	-0.22	0.49	34.75	-10.5862	0.643	-0.0844
1008	SLE RA 6	-0.22	0.48	35.28	-10.7438	0.6528	-0.0845
1008	SLE RA 7	-0.22	0.5	35.27	-10.7415	0.6526	-0.0849
1008	SLE RA 8	-0.22	0.47	35.07	-10.6811	0.6488	-0.0834
1008	SLE RA 9	-0.22	0.49	35.06	-10.6788	0.6487	-0.0838
1008	SLE RA 10	-0.24	0.53	37.29	-11.3586	0.6898	-0.0928
1008	SLE RA 11	-0.24	0.52	37.82	-11.5162	0.6996	-0.0929
1008	SLE RA 12	-0.24	0.54	37.81	-11.5139	0.6994	-0.0933
1008	SLE RA 13	-0.24	0.54	37.59	-11.4497	0.6954	-0.0925
1008	SLE RA 14	-0.24	0.53	38.12	-11.6073	0.7051	-0.0926



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1008	SLE RA 15	-0.24	0.54	38.11	-11.605	0.7049	-0.093
1008	SLE RA 16	-0.24	0.52	37.91	-11.5447	0.7012	-0.0914
1008	SLE RA 17	-0.24	0.53	37.9	-11.5424	0.701	-0.0919
1008	SLE RA 18	-0.25	0.53	38.52	-11.7325	0.7126	-0.0955
1008	SLE RA 19	-0.25	0.54	38.51	-11.7302	0.7124	-0.096
1008	SLE RA 20	-0.25	0.53	38.82	-11.8236	0.7181	-0.0952
1008	SLE RA 21	-0.25	0.55	38.81	-11.8213	0.7179	-0.0956
1008	SLE FR 1	-0.22	0.47	34.47	-10.4989	0.6377	-0.084
1008	SLE FR 2	-0.22	0.47	34.47	-10.4981	0.6377	-0.0842
1008	SLE FR 3	-0.22	0.47	34.59	-10.5353	0.64	-0.0839
1008	SLE FR 4	-0.23	0.49	35.68	-10.8682	0.6601	-0.0876
1008	SLE FR 5	-0.23	0.49	35.8	-10.9054	0.6624	-0.0874
1008	SLE FR 6	-0.24	0.5	36.5	-11.1157	0.6752	-0.0898
1008	SLE QP 1	-0.22	0.47	34.47	-10.4989	0.6377	-0.084
1008	SLE QP 2	-0.23	0.48	35.68	-10.869	0.6602	-0.0875
1008	SLD 1	3.21	1.18	38.96	-11.696	0.7262	1.091
1008	SLD 2	2.87	1.05	38.84	-11.6617	0.724	0.9748
1008	SLD 3	3.15	0.3	39.87	-11.92	0.742	1.1105
1008	SLD 4	2.81	0.18	39.75	-11.8856	0.7398	0.9943
1008	SLD 5	0.95	2.04	35.32	-10.7837	0.6564	0.2573
1008	SLD 6	0.73	1.96	35.24	-10.761	0.655	0.1807
1008	SLD 7	0.76	-0.88	38.33	-11.53	0.7091	0.3224
1008	SLD 8	0.53	-0.96	38.25	-11.5074	0.7077	0.2458
1008	SLD 9	-0.99	1.93	33.11	-10.2306	0.6127	-0.4208
1008	SLD 10	-1.22	1.85	33.04	-10.2079	0.6113	-0.4973
1008	SLD 11	-1.19	-0.99	36.13	-10.9769	0.6654	-0.3557
1008	SLD 12	-1.41	-1.07	36.05	-10.9543	0.664	-0.4323
1008	SLD 13	-3.27	0.79	31.62	-9.8524	0.5805	-1.1693
1008	SLD 14	-3.61	0.67	31.5	-9.818	0.5784	-1.2855
1008	SLD 15	-3.33	-0.08	32.53	-10.0763	0.5963	-1.1497
1008	SLD 16	-3.67	-0.21	32.41	-10.0419	0.5942	-1.266
1008	SLV 1	7.82	2.07	43.39	-12.8129	0.8152	2.6695
1008	SLV 2	7.02	1.78	43.11	-12.7329	0.8102	2.3988
1008	SLV 3	7.68	0.09	45.44	-13.32	0.851	2.7149
1008	SLV 4	6.89	-0.2	45.16	-13.2399	0.846	2.4442
1008	SLV 5	2.52	4.02	34.94	-10.697	0.6532	0.7177
1008	SLV 6	2.01	3.84	34.75	-10.6452	0.65	0.5425
1008	SLV 7	2.08	-2.6	41.77	-12.3872	0.7726	0.8692
1008	SLV 8	1.57	-2.78	41.59	-12.3354	0.7694	0.694
1008	SLV 9	-2.03	3.75	29.78	-9.4025	0.551	-0.8689
1008	SLV 10	-2.54	3.57	29.6	-9.3507	0.5477	-1.0441
1008	SLV 11	-2.47	-2.87	36.62	-11.0928	0.6704	-0.7174
1008	SLV 12	-2.98	-3.05	36.43	-11.041	0.6671	-0.8926
1008	SLV 13	-7.35	1.17	26.21	-8.498	0.4744	-2.6192
1008	SLV 14	-8.14	0.88	25.93	-8.418	0.4693	-2.8899
1008	SLV 15	-7.48	-0.82	28.26	-9.0051	0.5102	-2.5737
1008	SLV 16	-8.28	-1.1	27.98	-8.9251	0.5052	-2.8445
1008	CRTFP Ux+	0	0	0	0	0	0
1008	CRTFP Ux-	0	0	0	0	0	0
1008	CRTFP Uy+	0	0	0	0	0	0
1008	CRTFP Uy-	0	0	0	0	0	0
1010	SLU 1	-0.5	1.31	87.9	-19.9836	0.2428	-0.1013
1010	SLU 2	-0.5	1.4	87.82	-19.9691	0.2438	-0.1017
1010	SLU 3	-0.5	1.36	89.94	-20.4432	0.2487	-0.1021
1010	SLU 4	-0.5	1.42	89.89	-20.4345	0.2493	-0.1024
1010	SLU 5	-0.49	1.42	89.02	-20.2398	0.2473	-0.1002
1010	SLU 6	-0.5	1.38	91.14	-20.7138	0.2522	-0.1006
1010	SLU 7	-0.5	1.43	91.09	-20.7051	0.2528	-0.1009
1010	SLU 8	-0.49	1.34	90.29	-20.5249	0.2498	-0.0983
1010	SLU 9	-0.49	1.4	90.24	-20.5162	0.2504	-0.0985
1010	SLU 10	-0.58	1.59	99.07	-22.5283	0.2807	-0.1182
1010	SLU 11	-0.58	1.55	101.19	-23.0024	0.2855	-0.1186
1010	SLU 12	-0.58	1.61	101.14	-22.9937	0.2861	-0.1188
1010	SLU 13	-0.57	1.61	100.26	-22.799	0.2842	-0.1167
1010	SLU 14	-0.57	1.57	102.38	-23.273	0.289	-0.1171
1010	SLU 15	-0.58	1.62	102.33	-23.2643	0.2897	-0.1173
1010	SLU 16	-0.56	1.54	101.54	-23.0841	0.2866	-0.1148
1010	SLU 17	-0.57	1.59	101.49	-23.0754	0.2873	-0.115
1010	SLU 18	-0.61	1.58	103.97	-23.6396	0.2954	-0.1248
1010	SLU 19	-0.61	1.64	103.92	-23.6309	0.296	-0.1251
1010	SLU 20	-0.6	1.6	105.16	-23.9102	0.2989	-0.1233
1010	SLU 21	-0.6	1.66	105.12	-23.9015	0.2995	-0.1236
1010	SLU 22	-0.57	1.63	99.39	-22.5873	0.279	-0.1167
1010	SLU 23	-0.57	1.72	99.31	-22.5728	0.28	-0.1171
1010	SLU 24	-0.58	1.68	101.43	-23.0469	0.2849	-0.1175
1010	SLU 25	-0.58	1.73	101.39	-23.0382	0.2855	-0.1178
1010	SLU 26	-0.57	1.73	100.51	-22.8434	0.2835	-0.1156
1010	SLU 27	-0.57	1.69	102.63	-23.3175	0.2884	-0.116
1010	SLU 28	-0.57	1.75	102.58	-23.3088	0.289	-0.1163
1010	SLU 29	-0.56	1.66	101.78	-23.1285	0.286	-0.1137
1010	SLU 30	-0.56	1.71	101.73	-23.1198	0.2866	-0.1139
1010	SLU 31	-0.65	1.91	110.56	-25.132	0.3168	-0.1336
1010	SLU 32	-0.66	1.87	112.68	-25.6061	0.3217	-0.134
1010	SLU 33	-0.66	1.92	112.63	-25.5974	0.3223	-0.1342
1010	SLU 34	-0.65	1.93	111.76	-25.4026	0.3203	-0.1321
1010	SLU 35	-0.65	1.89	113.87	-25.8767	0.3252	-0.1325
1010	SLU 36	-0.65	1.94	113.83	-25.868	0.3258	-0.1327
1010	SLU 37	-0.64	1.85	113.03	-25.6877	0.3228	-0.1302
1010	SLU 38	-0.64	1.91	112.98	-25.679	0.3234	-0.1304



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1010	SLU 39	-0.68	1.9	115.46	-26.2433	0.3316	-0.1402
1010	SLU 40	-0.69	1.96	115.41	-26.2346	0.3322	-0.1405
1010	SLU 41	-0.68	1.92	116.66	-26.5139	0.3351	-0.1387
1010	SLU 42	-0.68	1.97	116.61	-26.5052	0.3357	-0.139
1010	SLU 43	-0.62	1.59	110.33	-25.086	0.3032	-0.1264
1010	SLU 44	-0.62	1.69	110.25	-25.0715	0.3043	-0.1268
1010	SLU 45	-0.62	1.65	112.37	-25.5456	0.3091	-0.1273
1010	SLU 46	-0.63	1.7	112.32	-25.5369	0.3098	-0.1275
1010	SLU 47	-0.62	1.7	111.45	-25.3422	0.3078	-0.1253
1010	SLU 48	-0.62	1.66	113.57	-25.8162	0.3127	-0.1257
1010	SLU 49	-0.62	1.72	113.52	-25.8075	0.3133	-0.126
1010	SLU 50	-0.61	1.63	112.72	-25.6273	0.3103	-0.1234
1010	SLU 51	-0.61	1.68	112.67	-25.6186	0.3109	-0.1236
1010	SLU 52	-0.7	1.88	121.5	-27.6307	0.3411	-0.1433
1010	SLU 53	-0.7	1.84	123.62	-28.1048	0.346	-0.1437
1010	SLU 54	-0.7	1.89	123.57	-28.0961	0.3466	-0.1439
1010	SLU 55	-0.69	1.89	122.69	-27.9014	0.3446	-0.1418
1010	SLU 56	-0.7	1.85	124.81	-28.3754	0.3495	-0.1422
1010	SLU 57	-0.7	1.91	124.77	-28.3667	0.3501	-0.1424
1010	SLU 58	-0.69	1.82	123.97	-28.1865	0.3471	-0.1399
1010	SLU 59	-0.69	1.87	123.92	-28.1778	0.3477	-0.1401
1010	SLU 60	-0.73	1.87	126.4	-28.742	0.3559	-0.15
1010	SLU 61	-0.73	1.92	126.35	-28.7333	0.3565	-0.1502
1010	SLU 62	-0.73	1.89	127.59	-29.0126	0.3594	-0.1484
1010	SLU 63	-0.73	1.94	127.55	-29.004	0.36	-0.1487
1010	SLU 64	-0.7	1.91	121.82	-27.6897	0.3394	-0.1418
1010	SLU 65	-0.7	2	121.74	-27.6752	0.3404	-0.1422
1010	SLU 66	-0.7	1.96	123.86	-28.1493	0.3453	-0.1427
1010	SLU 67	-0.7	2.02	123.82	-28.1406	0.3459	-0.1429
1010	SLU 68	-0.69	2.02	122.94	-27.9458	0.3439	-0.1407
1010	SLU 69	-0.7	1.98	125.06	-28.4199	0.3488	-0.1411
1010	SLU 70	-0.7	2.03	125.01	-28.4112	0.3494	-0.1414
1010	SLU 71	-0.68	1.94	124.21	-28.2309	0.3464	-0.1388
1010	SLU 72	-0.69	2	124.17	-28.2222	0.347	-0.139
1010	SLU 73	-0.78	2.19	132.99	-30.2344	0.3773	-0.1587
1010	SLU 74	-0.78	2.15	135.11	-30.7085	0.3821	-0.1591
1010	SLU 75	-0.78	2.21	135.06	-30.6998	0.3827	-0.1593
1010	SLU 76	-0.77	2.21	134.19	-30.505	0.3808	-0.1572
1010	SLU 77	-0.77	2.17	136.31	-30.9791	0.3856	-0.1576
1010	SLU 78	-0.77	2.23	136.26	-30.9704	0.3863	-0.1578
1010	SLU 79	-0.76	2.14	135.46	-30.7901	0.3833	-0.1553
1010	SLU 80	-0.76	2.19	135.41	-30.7814	0.3839	-0.1555
1010	SLU 81	-0.81	2.18	137.89	-31.3457	0.392	-0.1654
1010	SLU 82	-0.81	2.24	137.84	-31.337	0.3926	-0.1656
1010	SLU 83	-0.8	2.2	139.09	-31.6163	0.3955	-0.1638
1010	SLU 84	-0.8	2.26	139.04	-31.6076	0.3961	-0.1641
1010	SLE RA 1	-0.52	1.4	91.19	-20.7275	0.2531	-0.1057
1010	SLE RA 2	-0.52	1.46	91.13	-20.7179	0.2538	-0.106
1010	SLE RA 3	-0.52	1.43	92.55	-21.0339	0.2571	-0.1063
1010	SLE RA 4	-0.52	1.47	92.51	-21.0281	0.2575	-0.1064
1010	SLE RA 5	-0.52	1.47	91.93	-20.8983	0.2562	-0.105
1010	SLE RA 6	-0.52	1.45	93.34	-21.2143	0.2594	-0.1053
1010	SLE RA 7	-0.52	1.48	93.31	-21.2085	0.2598	-0.1054
1010	SLE RA 8	-0.51	1.42	92.78	-21.0884	0.2578	-0.1037
1010	SLE RA 9	-0.51	1.46	92.75	-21.0826	0.2582	-0.1039
1010	SLE RA 10	-0.57	1.59	98.63	-22.424	0.2784	-0.117
1010	SLE RA 11	-0.57	1.56	100.04	-22.7401	0.2816	-0.1172
1010	SLE RA 12	-0.57	1.6	100.01	-22.7343	0.282	-0.1174
1010	SLE RA 13	-0.57	1.6	99.43	-22.6044	0.2807	-0.1159
1010	SLE RA 14	-0.57	1.57	100.84	-22.9205	0.284	-0.1162
1010	SLE RA 15	-0.57	1.61	100.81	-22.9147	0.2844	-0.1164
1010	SLE RA 16	-0.56	1.55	100.28	-22.7945	0.2824	-0.1147
1010	SLE RA 17	-0.56	1.59	100.24	-22.7887	0.2828	-0.1148
1010	SLE RA 18	-0.59	1.58	101.9	-23.1649	0.2882	-0.1214
1010	SLE RA 19	-0.59	1.62	101.86	-23.1591	0.2886	-0.1216
1010	SLE RA 20	-0.59	1.59	102.69	-23.3453	0.2906	-0.1204
1010	SLE RA 21	-0.59	1.63	102.66	-23.3395	0.291	-0.1205
1010	SLE FR 1	-0.52	1.4	91.19	-20.7275	0.2531	-0.1057
1010	SLE FR 2	-0.52	1.41	91.18	-20.7256	0.2533	-0.1058
1010	SLE FR 3	-0.52	1.4	91.5	-20.7997	0.2541	-0.1053
1010	SLE FR 4	-0.54	1.47	94.39	-21.4568	0.2638	-0.1105
1010	SLE FR 5	-0.54	1.46	94.72	-21.5309	0.2646	-0.11
1010	SLE FR 6	-0.56	1.49	96.54	-21.9462	0.2707	-0.1136
1010	SLE QP 1	-0.52	1.4	91.19	-20.7275	0.2531	-0.1057
1010	SLE QP 2	-0.54	1.46	94.4	-21.4587	0.2637	-0.1104
1010	SLD 1	8.58	3.11	102.57	-23.2605	0.4058	2.0816
1010	SLD 2	7.68	2.84	102.25	-23.185	0.4045	1.8676
1010	SLD 3	8.43	0.79	105.18	-23.7716	0.3882	2.0415
1010	SLD 4	7.52	0.52	104.86	-23.6961	0.3869	1.8275
1010	SLD 5	2.59	5.52	92.95	-21.2376	0.3332	0.6462
1010	SLD 6	1.99	5.34	92.75	-21.1879	0.3324	0.5053
1010	SLD 7	2.08	-2.21	101.64	-22.9413	0.2746	0.5128
1010	SLD 8	1.48	-2.39	101.43	-22.8916	0.2737	0.3719
1010	SLD 9	-2.56	5.3	87.36	-20.0259	0.2536	-0.5928
1010	SLD 10	-3.16	5.12	87.16	-19.9762	0.2528	-0.7337
1010	SLD 11	-3.07	-2.43	96.05	-21.7296	0.195	-0.7262
1010	SLD 12	-3.67	-2.61	95.84	-21.6799	0.1941	-0.8671
1010	SLD 13	-8.6	2.39	83.94	-19.2214	0.1405	-2.0484
1010	SLD 14	-9.51	2.12	83.62	-19.1459	0.1391	-2.2624



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1010	SLD 15	-8.76	0.07	86.55	-19.7325	0.1229	-2.0884
1010	SLD 16	-9.67	-0.2	86.23	-19.657	0.1215	-2.3024
1010	SLV 1	20.8	5.24	113.61	-25.6934	0.596	5.0164
1010	SLV 2	18.69	4.62	112.87	-25.5176	0.5929	4.5181
1010	SLV 3	20.45	-0.01	119.51	-26.8508	0.556	4.9244
1010	SLV 4	18.33	-0.64	118.78	-26.6751	0.5529	4.4261
1010	SLV 5	6.77	10.67	91.34	-21.0041	0.4245	1.6536
1010	SLV 6	5.4	10.27	90.86	-20.8904	0.4224	1.3311
1010	SLV 7	5.59	-6.85	111.01	-24.8624	0.2913	1.347
1010	SLV 8	4.22	-7.25	110.54	-24.7487	0.2893	1.0246
1010	SLV 9	-5.3	10.16	78.26	-18.1688	0.238	-1.2454
1010	SLV 10	-6.67	9.76	77.78	-18.0551	0.236	-1.5679
1010	SLV 11	-6.48	-7.36	97.94	-22.0271	0.1049	-1.552
1010	SLV 12	-7.85	-7.76	97.46	-21.9134	0.1029	-1.8744
1010	SLV 13	-19.41	3.55	70.02	-16.2424	-0.0256	-4.647
1010	SLV 14	-21.53	2.92	69.29	-16.0666	-0.0287	-5.1453
1010	SLV 15	-19.77	-1.71	75.93	-17.3998	-0.0655	-4.7389
1010	SLV 16	-21.88	-2.33	75.19	-17.2241	-0.0687	-5.2373
1010	CRTFP Ux+	0	0	0	0	0	0
1010	CRTFP Ux-	0	0	0	0	0	0
1010	CRTFP Uy+	0	0	0	0	0	0
1010	CRTFP Uy-	0	0	0	0	0	0
1012	SLU 1	-0.14	0.57	33.82	-9.8124	-0.59	-0.0394
1012	SLU 2	-0.15	0.6	33.78	-9.805	-0.5894	-0.0391
1012	SLU 3	-0.15	0.59	34.6	-10.0339	-0.6036	-0.0393
1012	SLU 4	-0.15	0.61	34.58	-10.0294	-0.6033	-0.0391
1012	SLU 5	-0.14	0.61	34.24	-9.9355	-0.5974	-0.0379
1012	SLU 6	-0.14	0.6	35.06	-10.1644	-0.6116	-0.0381
1012	SLU 7	-0.14	0.62	35.04	-10.1599	-0.6112	-0.0379
1012	SLU 8	-0.14	0.58	34.73	-10.0734	-0.606	-0.037
1012	SLU 9	-0.14	0.6	34.71	-10.0689	-0.6056	-0.0368
1012	SLU 10	-0.17	0.69	38.1	-11.0462	-0.6641	-0.0465
1012	SLU 11	-0.17	0.67	38.91	-11.2751	-0.6783	-0.0467
1012	SLU 12	-0.17	0.69	38.89	-11.2707	-0.678	-0.0465
1012	SLU 13	-0.17	0.69	38.56	-11.1767	-0.6721	-0.0453
1012	SLU 14	-0.17	0.68	39.37	-11.4056	-0.6863	-0.0455
1012	SLU 15	-0.17	0.7	39.35	-11.4012	-0.6859	-0.0453
1012	SLU 16	-0.16	0.66	39.05	-11.3146	-0.6807	-0.0445
1012	SLU 17	-0.16	0.69	39.03	-11.3102	-0.6803	-0.0443
1012	SLU 18	-0.18	0.69	39.98	-11.5856	-0.6967	-0.05
1012	SLU 19	-0.18	0.71	39.96	-11.5812	-0.6964	-0.0498
1012	SLU 20	-0.18	0.69	40.44	-11.7161	-0.7047	-0.0488
1012	SLU 21	-0.18	0.71	40.42	-11.7117	-0.7044	-0.0486
1012	SLU 22	-0.17	0.7	38.22	-11.0735	-0.6664	-0.0455
1012	SLU 23	-0.17	0.74	38.19	-11.0661	-0.6658	-0.0452
1012	SLU 24	-0.17	0.72	39	-11.295	-0.68	-0.0454
1012	SLU 25	-0.17	0.74	38.98	-11.2905	-0.6796	-0.0452
1012	SLU 26	-0.17	0.74	38.65	-11.1966	-0.6738	-0.044
1012	SLU 27	-0.17	0.73	39.46	-11.4255	-0.6879	-0.0442
1012	SLU 28	-0.17	0.75	39.44	-11.421	-0.6876	-0.044
1012	SLU 29	-0.16	0.71	39.14	-11.3345	-0.6823	-0.0432
1012	SLU 30	-0.16	0.74	39.12	-11.33	-0.682	-0.043
1012	SLU 31	-0.2	0.82	42.5	-12.3073	-0.7405	-0.0526
1012	SLU 32	-0.2	0.8	43.31	-12.5362	-0.7547	-0.0529
1012	SLU 33	-0.2	0.83	43.3	-12.5318	-0.7543	-0.0526
1012	SLU 34	-0.19	0.83	42.96	-12.4378	-0.7485	-0.0515
1012	SLU 35	-0.19	0.81	43.77	-12.6667	-0.7626	-0.0517
1012	SLU 36	-0.19	0.83	43.75	-12.6623	-0.7623	-0.0515
1012	SLU 37	-0.19	0.8	43.45	-12.5758	-0.757	-0.0506
1012	SLU 38	-0.19	0.82	43.43	-12.5713	-0.7567	-0.0504
1012	SLU 39	-0.21	0.82	44.38	-12.8467	-0.7731	-0.0562
1012	SLU 40	-0.21	0.84	44.36	-12.8423	-0.7727	-0.056
1012	SLU 41	-0.2	0.83	44.84	-12.9772	-0.7811	-0.055
1012	SLU 42	-0.2	0.85	44.82	-12.9728	-0.7807	-0.0548
1012	SLU 43	-0.18	0.69	42.45	-12.3237	-0.7409	-0.0491
1012	SLU 44	-0.18	0.73	42.42	-12.3163	-0.7403	-0.0488
1012	SLU 45	-0.18	0.71	43.23	-12.5452	-0.7545	-0.049
1012	SLU 46	-0.18	0.74	43.21	-12.5407	-0.7541	-0.0488
1012	SLU 47	-0.18	0.74	42.88	-12.4468	-0.7482	-0.0476
1012	SLU 48	-0.18	0.72	43.69	-12.6757	-0.7624	-0.0478
1012	SLU 49	-0.18	0.74	43.67	-12.6712	-0.7621	-0.0476
1012	SLU 50	-0.17	0.71	43.37	-12.5847	-0.7568	-0.0467
1012	SLU 51	-0.17	0.73	43.35	-12.5803	-0.7565	-0.0465
1012	SLU 52	-0.21	0.81	46.73	-13.5576	-0.815	-0.0562
1012	SLU 53	-0.21	0.8	47.54	-13.7865	-0.8291	-0.0564
1012	SLU 54	-0.21	0.82	47.53	-13.782	-0.8288	-0.0562
1012	SLU 55	-0.2	0.82	47.19	-13.6881	-0.8229	-0.055
1012	SLU 56	-0.2	0.8	48	-13.917	-0.8371	-0.0552
1012	SLU 57	-0.2	0.83	47.98	-13.9125	-0.8368	-0.055
1012	SLU 58	-0.2	0.79	47.68	-13.826	-0.8315	-0.0542
1012	SLU 59	-0.2	0.81	47.66	-13.8215	-0.8312	-0.054
1012	SLU 60	-0.22	0.81	48.61	-14.097	-0.8476	-0.0597
1012	SLU 61	-0.22	0.83	48.59	-14.0925	-0.8472	-0.0595
1012	SLU 62	-0.21	0.82	49.07	-14.2275	-0.8555	-0.0586
1012	SLU 63	-0.21	0.84	49.05	-14.223	-0.8552	-0.0584
1012	SLU 64	-0.2	0.83	46.85	-13.5849	-0.8172	-0.0553
1012	SLU 65	-0.2	0.86	46.82	-13.5774	-0.8166	-0.0549
1012	SLU 66	-0.2	0.85	47.64	-13.8063	-0.8308	-0.0551
1012	SLU 67	-0.21	0.87	47.62	-13.8019	-0.8304	-0.0549



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1012	SLU 68	-0.2	0.87	47.28	-13.7079	-0.8246	-0.0537
1012	SLU 69	-0.2	0.85	48.09	-13.9368	-0.8388	-0.0539
1012	SLU 70	-0.2	0.88	48.08	-13.9323	-0.8384	-0.0537
1012	SLU 71	-0.2	0.84	47.77	-13.8458	-0.8331	-0.0529
1012	SLU 72	-0.2	0.86	47.75	-13.8414	-0.8328	-0.0527
1012	SLU 73	-0.23	0.94	51.14	-14.8187	-0.8913	-0.0624
1012	SLU 74	-0.23	0.93	51.95	-15.0476	-0.9055	-0.0626
1012	SLU 75	-0.23	0.95	51.93	-15.0431	-0.9051	-0.0624
1012	SLU 76	-0.23	0.95	51.59	-14.9492	-0.8993	-0.0612
1012	SLU 77	-0.23	0.94	52.41	-15.1781	-0.9135	-0.0614
1012	SLU 78	-0.23	0.96	52.39	-15.1736	-0.9131	-0.0612
1012	SLU 79	-0.22	0.92	52.08	-15.0871	-0.9078	-0.0603
1012	SLU 80	-0.22	0.94	52.07	-15.0826	-0.9075	-0.0601
1012	SLU 81	-0.24	0.94	53.02	-15.3581	-0.9239	-0.0659
1012	SLU 82	-0.24	0.96	53	-15.3536	-0.9236	-0.0657
1012	SLU 83	-0.24	0.95	53.47	-15.4886	-0.9319	-0.0647
1012	SLU 84	-0.24	0.97	53.46	-15.4841	-0.9315	-0.0645
1012	SLE RA 1	-0.15	0.61	35.07	-10.1727	-0.6118	-0.0412
1012	SLE RA 2	-0.15	0.63	35.05	-10.1678	-0.6114	-0.0409
1012	SLE RA 3	-0.15	0.62	35.6	-10.3204	-0.6209	-0.0411
1012	SLE RA 4	-0.15	0.63	35.58	-10.3174	-0.6207	-0.0409
1012	SLE RA 5	-0.15	0.63	35.36	-10.2548	-0.6168	-0.0401
1012	SLE RA 6	-0.15	0.62	35.9	-10.4074	-0.6262	-0.0403
1012	SLE RA 7	-0.15	0.64	35.89	-10.4044	-0.626	-0.0401
1012	SLE RA 8	-0.15	0.62	35.69	-10.3467	-0.6225	-0.0396
1012	SLE RA 9	-0.15	0.63	35.67	-10.3437	-0.6222	-0.0394
1012	SLE RA 10	-0.17	0.68	37.93	-10.9953	-0.6612	-0.0459
1012	SLE RA 11	-0.17	0.67	38.47	-11.1479	-0.6707	-0.046
1012	SLE RA 12	-0.17	0.69	38.46	-11.1449	-0.6705	-0.0459
1012	SLE RA 13	-0.17	0.69	38.23	-11.0823	-0.6666	-0.0451
1012	SLE RA 14	-0.17	0.68	38.78	-11.2349	-0.676	-0.0452
1012	SLE RA 15	-0.17	0.69	38.76	-11.2319	-0.6758	-0.0451
1012	SLE RA 16	-0.16	0.67	38.56	-11.1742	-0.6723	-0.0445
1012	SLE RA 17	-0.16	0.68	38.55	-11.1712	-0.672	-0.0444
1012	SLE RA 18	-0.18	0.68	39.18	-11.3549	-0.683	-0.0482
1012	SLE RA 19	-0.18	0.7	39.17	-11.3519	-0.6827	-0.0481
1012	SLE RA 20	-0.17	0.69	39.49	-11.4419	-0.6883	-0.0475
1012	SLE RA 21	-0.17	0.7	39.47	-11.4389	-0.6881	-0.0473
1012	SLE FR 1	-0.15	0.61	35.07	-10.1727	-0.6118	-0.0412
1012	SLE FR 2	-0.15	0.61	35.07	-10.1717	-0.6118	-0.0411
1012	SLE FR 3	-0.15	0.61	35.2	-10.2075	-0.614	-0.0408
1012	SLE FR 4	-0.16	0.63	36.3	-10.5264	-0.6331	-0.0432
1012	SLE FR 5	-0.16	0.63	36.43	-10.5622	-0.6353	-0.043
1012	SLE FR 6	-0.16	0.64	37.13	-10.7638	-0.6474	-0.0447
1012	SLE QP 1	-0.15	0.61	35.07	-10.1727	-0.6118	-0.0412
1012	SLE QP 2	-0.16	0.63	36.31	-10.5274	-0.6332	-0.0433
1012	SLD 1	3.53	1.24	39.18	-11.4142	-0.6758	1.2521
1012	SLD 2	3.17	1.15	39.05	-11.3761	-0.6737	1.1242
1012	SLD 3	3.47	0.3	40.17	-11.6685	-0.6939	1.2194
1012	SLD 4	3.1	0.22	40.05	-11.6304	-0.6918	1.0915
1012	SLD 5	1.11	2.25	35.67	-10.4145	-0.6189	0.4178
1012	SLD 6	0.87	2.19	35.59	-10.3894	-0.6175	0.3335
1012	SLD 7	0.9	-0.88	39	-11.2623	-0.6793	0.309
1012	SLD 8	0.66	-0.93	38.92	-11.2372	-0.6779	0.2247
1012	SLD 9	-0.98	2.19	33.69	-9.8175	-0.5885	-0.3113
1012	SLD 10	-1.22	2.13	33.61	-9.7925	-0.5871	-0.3955
1012	SLD 11	-1.18	-0.93	37.02	-10.6653	-0.6489	-0.4201
1012	SLD 12	-1.42	-0.99	36.94	-10.6402	-0.6475	-0.5043
1012	SLD 13	-3.42	1.04	32.56	-9.4243	-0.5745	-1.1781
1012	SLD 14	-3.78	0.96	32.44	-9.3862	-0.5724	-1.306
1012	SLD 15	-3.48	0.1	33.56	-9.6786	-0.5926	-1.2107
1012	SLD 16	-3.85	0.02	33.44	-9.6405	-0.5905	-1.3387
1012	SLV 1	8.46	2.02	43.06	-12.6121	-0.7336	2.9859
1012	SLV 2	7.62	1.82	42.77	-12.5234	-0.7287	2.688
1012	SLV 3	8.32	-0.1	45.32	-13.188	-0.7747	2.9116
1012	SLV 4	7.48	-0.3	45.03	-13.0993	-0.7698	2.6136
1012	SLV 5	2.79	4.3	34.95	-10.2947	-0.6019	1.03
1012	SLV 6	2.24	4.17	34.77	-10.2373	-0.5988	0.8372
1012	SLV 7	2.32	-2.78	42.49	-12.2144	-0.7387	0.7821
1012	SLV 8	1.77	-2.9	42.31	-12.1571	-0.7355	0.5893
1012	SLV 9	-2.09	4.16	30.31	-8.8977	-0.5308	-0.6759
1012	SLV 10	-2.64	4.03	30.12	-8.8403	-0.5276	-0.8686
1012	SLV 11	-2.56	-2.92	37.85	-10.8174	-0.6676	-0.9238
1012	SLV 12	-3.11	-3.04	37.66	-10.7601	-0.6644	-1.1165
1012	SLV 13	-7.8	1.56	27.58	-7.9554	-0.4966	-2.7002
1012	SLV 14	-8.64	1.36	27.29	-7.8667	-0.4917	-2.9981
1012	SLV 15	-7.94	-0.57	29.84	-8.5314	-0.5376	-2.7746
1012	SLV 16	-8.78	-0.76	29.56	-8.4427	-0.5327	-3.0725
1012	CRTFP Ux+	0	0	0	0	0	0
1012	CRTFP Ux-	0	0	0	0	0	0
1012	CRTFP Uy+	0	0	0	0	0	0
1012	CRTFP Uy-	0	0	0	0	0	0
1013	SLU 1	-0.11	0.64	35.6	-9.3225	0.0592	-0.0384
1013	SLU 2	-0.11	0.68	35.56	-9.3145	0.0592	-0.0387
1013	SLU 3	-0.11	0.66	36.42	-9.5291	0.0607	-0.0383
1013	SLU 4	-0.11	0.69	36.4	-9.5243	0.0606	-0.0385
1013	SLU 5	-0.11	0.69	36.05	-9.436	0.06	-0.0373
1013	SLU 6	-0.11	0.67	36.9	-9.6507	0.0615	-0.0369
1013	SLU 7	-0.11	0.7	36.88	-9.6458	0.0615	-0.0371



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1013	SLU 8	-0.1	0.66	36.56	-9.5657	0.0609	-0.0356
1013	SLU 9	-0.1	0.68	36.54	-9.5609	0.0609	-0.0358
1013	SLU 10	-0.14	0.77	40.08	-10.4744	0.0676	-0.0471
1013	SLU 11	-0.13	0.76	40.94	-10.6891	0.0691	-0.0466
1013	SLU 12	-0.14	0.78	40.92	-10.6842	0.0691	-0.0468
1013	SLU 13	-0.13	0.78	40.56	-10.596	0.0685	-0.0456
1013	SLU 14	-0.13	0.76	41.42	-10.8106	0.0699	-0.0452
1013	SLU 15	-0.13	0.79	41.4	-10.8058	0.0699	-0.0454
1013	SLU 16	-0.13	0.75	41.08	-10.7257	0.0693	-0.0439
1013	SLU 17	-0.13	0.77	41.06	-10.7208	0.0693	-0.0441
1013	SLU 18	-0.15	0.77	42.05	-10.9796	0.0713	-0.0503
1013	SLU 19	-0.15	0.8	42.03	-10.9748	0.0713	-0.0505
1013	SLU 20	-0.14	0.78	42.53	-11.1012	0.0721	-0.0489
1013	SLU 21	-0.14	0.8	42.51	-11.0964	0.0721	-0.0491
1013	SLU 22	-0.13	0.79	40.21	-10.5016	0.0678	-0.0464
1013	SLU 23	-0.13	0.83	40.18	-10.4935	0.0677	-0.0467
1013	SLU 24	-0.13	0.81	41.03	-10.7082	0.0692	-0.0463
1013	SLU 25	-0.13	0.83	41.01	-10.7033	0.0692	-0.0464
1013	SLU 26	-0.13	0.83	40.66	-10.6151	0.0686	-0.0453
1013	SLU 27	-0.13	0.82	41.52	-10.8298	0.0701	-0.0448
1013	SLU 28	-0.13	0.84	41.49	-10.8249	0.07	-0.045
1013	SLU 29	-0.13	0.8	41.18	-10.7448	0.0695	-0.0435
1013	SLU 30	-0.13	0.83	41.16	-10.7399	0.0694	-0.0437
1013	SLU 31	-0.16	0.92	44.7	-11.6535	0.0762	-0.055
1013	SLU 32	-0.16	0.9	45.55	-11.8681	0.0777	-0.0546
1013	SLU 33	-0.16	0.93	45.53	-11.8633	0.0777	-0.0548
1013	SLU 34	-0.15	0.93	45.18	-11.7751	0.077	-0.0536
1013	SLU 35	-0.15	0.91	46.03	-11.9897	0.0785	-0.0532
1013	SLU 36	-0.15	0.93	46.01	-11.9849	0.0785	-0.0534
1013	SLU 37	-0.15	0.89	45.69	-11.9047	0.0779	-0.0519
1013	SLU 38	-0.15	0.92	45.67	-11.8999	0.0779	-0.0521
1013	SLU 39	-0.17	0.92	46.67	-12.1587	0.0798	-0.0583
1013	SLU 40	-0.17	0.94	46.64	-12.1539	0.0798	-0.0585
1013	SLU 41	-0.16	0.93	47.15	-12.2803	0.0807	-0.0569
1013	SLU 42	-0.16	0.95	47.13	-12.2754	0.0807	-0.0571
1013	SLU 43	-0.14	0.78	44.7	-11.7151	0.074	-0.0472
1013	SLU 44	-0.14	0.82	44.66	-11.707	0.074	-0.0475
1013	SLU 45	-0.14	0.81	45.52	-11.9216	0.0755	-0.0471
1013	SLU 46	-0.14	0.83	45.5	-11.9168	0.0755	-0.0473
1013	SLU 47	-0.13	0.83	45.14	-11.8286	0.0749	-0.0461
1013	SLU 48	-0.13	0.81	46	-12.0432	0.0763	-0.0457
1013	SLU 49	-0.13	0.84	45.98	-12.0383	0.0763	-0.0459
1013	SLU 50	-0.13	0.8	45.66	-11.9582	0.0757	-0.0444
1013	SLU 51	-0.13	0.82	45.64	-11.9534	0.0757	-0.0445
1013	SLU 52	-0.16	0.91	49.18	-12.8669	0.0825	-0.0558
1013	SLU 53	-0.16	0.9	50.03	-13.0816	0.0839	-0.0554
1013	SLU 54	-0.16	0.92	50.01	-13.0767	0.0839	-0.0556
1013	SLU 55	-0.16	0.92	49.66	-12.9885	0.0833	-0.0544
1013	SLU 56	-0.16	0.91	50.52	-13.2032	0.0848	-0.054
1013	SLU 57	-0.16	0.93	50.49	-13.1983	0.0848	-0.0542
1013	SLU 58	-0.15	0.89	50.18	-13.1182	0.0842	-0.0527
1013	SLU 59	-0.15	0.91	50.16	-13.1133	0.0841	-0.0529
1013	SLU 60	-0.17	0.91	51.15	-13.3721	0.0861	-0.0591
1013	SLU 61	-0.17	0.94	51.13	-13.3673	0.0861	-0.0593
1013	SLU 62	-0.17	0.92	51.63	-13.4937	0.0869	-0.0577
1013	SLU 63	-0.17	0.94	51.61	-13.4889	0.0869	-0.0579
1013	SLU 64	-0.16	0.93	49.31	-12.8941	0.0826	-0.0551
1013	SLU 65	-0.16	0.97	49.28	-12.886	0.0826	-0.0555
1013	SLU 66	-0.16	0.95	50.13	-13.1007	0.084	-0.055
1013	SLU 67	-0.16	0.98	50.11	-13.0958	0.084	-0.0552
1013	SLU 68	-0.16	0.98	49.76	-13.0076	0.0834	-0.0541
1013	SLU 69	-0.15	0.96	50.61	-13.2223	0.0849	-0.0536
1013	SLU 70	-0.16	0.98	50.59	-13.2174	0.0849	-0.0538
1013	SLU 71	-0.15	0.94	50.27	-13.1373	0.0843	-0.0523
1013	SLU 72	-0.15	0.97	50.25	-13.1324	0.0843	-0.0525
1013	SLU 73	-0.18	1.06	53.79	-14.046	0.091	-0.0638
1013	SLU 74	-0.18	1.04	54.65	-14.2606	0.0925	-0.0634
1013	SLU 75	-0.18	1.07	54.63	-14.2558	0.0925	-0.0636
1013	SLU 76	-0.18	1.07	54.27	-14.1676	0.0919	-0.0624
1013	SLU 77	-0.18	1.05	55.13	-14.3822	0.0933	-0.062
1013	SLU 78	-0.18	1.08	55.11	-14.3774	0.0933	-0.0622
1013	SLU 79	-0.17	1.04	54.79	-14.2973	0.0927	-0.0607
1013	SLU 80	-0.18	1.06	54.77	-14.2924	0.0927	-0.0609
1013	SLU 81	-0.19	1.06	55.76	-14.5512	0.0947	-0.0671
1013	SLU 82	-0.19	1.08	55.74	-14.5464	0.0946	-0.0673
1013	SLU 83	-0.19	1.07	56.24	-14.6728	0.0955	-0.0656
1013	SLU 84	-0.19	1.09	56.22	-14.6679	0.0955	-0.0658
1013	SLE RA 1	-0.12	0.68	36.92	-9.6594	0.0617	-0.0407
1013	SLE RA 2	-0.12	0.71	36.89	-9.654	0.0616	-0.0409
1013	SLE RA 3	-0.12	0.7	37.46	-9.7971	0.0626	-0.0406
1013	SLE RA 4	-0.12	0.71	37.45	-9.7939	0.0626	-0.0407
1013	SLE RA 5	-0.12	0.71	37.22	-9.7351	0.0622	-0.0399
1013	SLE RA 6	-0.11	0.7	37.79	-9.8782	0.0632	-0.0397
1013	SLE RA 7	-0.11	0.72	37.77	-9.8749	0.0632	-0.0398
1013	SLE RA 8	-0.11	0.69	37.56	-9.8215	0.0628	-0.0388
1013	SLE RA 9	-0.11	0.71	37.55	-9.8183	0.0628	-0.0389
1013	SLE RA 10	-0.13	0.77	39.91	-10.4273	0.0673	-0.0464
1013	SLE RA 11	-0.13	0.76	40.48	-10.5704	0.0683	-0.0462
1013	SLE RA 12	-0.13	0.78	40.46	-10.5672	0.0682	-0.0463



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1013	SLE RA 13	-0.13	0.77	40.23	-10.5084	0.0678	-0.0455
1013	SLE RA 14	-0.13	0.76	40.8	-10.6515	0.0688	-0.0452
1013	SLE RA 15	-0.13	0.78	40.78	-10.6483	0.0688	-0.0453
1013	SLE RA 16	-0.13	0.75	40.57	-10.5948	0.0684	-0.0443
1013	SLE RA 17	-0.13	0.77	40.56	-10.5916	0.0684	-0.0445
1013	SLE RA 18	-0.14	0.77	41.22	-10.7641	0.0697	-0.0486
1013	SLE RA 19	-0.14	0.79	41.21	-10.7609	0.0697	-0.0487
1013	SLE RA 20	-0.14	0.77	41.54	-10.8452	0.0703	-0.0477
1013	SLE RA 21	-0.14	0.79	41.53	-10.842	0.0702	-0.0478
1013	SLE FR 1	-0.12	0.68	36.92	-9.6594	0.0617	-0.0407
1013	SLE FR 2	-0.12	0.69	36.91	-9.6583	0.0617	-0.0407
1013	SLE FR 3	-0.12	0.68	37.05	-9.6918	0.0619	-0.0403
1013	SLE FR 4	-0.12	0.71	38.2	-9.9898	0.0641	-0.0431
1013	SLE FR 5	-0.12	0.71	38.34	-10.0233	0.0643	-0.0427
1013	SLE FR 6	-0.13	0.73	39.07	-10.2118	0.0657	-0.0446
1013	SLE QP 1	-0.12	0.68	36.92	-9.6594	0.0617	-0.0407
1013	SLE QP 2	-0.12	0.71	38.21	-9.9908	0.0641	-0.0431
1013	SLD 1	3.95	1.35	40.93	-10.8294	0.0803	1.3812
1013	SLD 2	3.55	1.28	40.8	-10.7931	0.08	1.2418
1013	SLD 3	3.88	0.33	41.99	-11.0866	0.0819	1.358
1013	SLD 4	3.48	0.26	41.87	-11.0503	0.0816	1.2186
1013	SLD 5	1.27	2.46	37.43	-9.8588	0.0666	0.4443
1013	SLD 6	1.01	2.41	37.34	-9.8349	0.0664	0.3525
1013	SLD 7	1.05	-0.93	40.99	-10.7162	0.0719	0.3671
1013	SLD 8	0.78	-0.98	40.9	-10.6923	0.0717	0.2753
1013	SLD 9	-1.03	2.4	35.51	-9.2894	0.0564	-0.3614
1013	SLD 10	-1.3	2.35	35.43	-9.2655	0.0563	-0.4533
1013	SLD 11	-1.26	-0.99	39.07	-10.1467	0.0618	-0.4386
1013	SLD 12	-1.52	-1.04	38.99	-10.1229	0.0616	-0.5304
1013	SLD 13	-3.73	1.15	34.55	-8.9314	0.0466	-1.3047
1013	SLD 14	-4.13	1.08	34.42	-8.8951	0.0463	-1.4441
1013	SLD 15	-3.8	0.14	35.62	-9.1886	0.0482	-1.3279
1013	SLD 16	-4.2	0.06	35.49	-9.1523	0.0479	-1.4673
1013	SLV 1	9.4	2.18	44.61	-11.9626	0.102	3.2883
1013	SLV 2	8.47	2.01	44.31	-11.8782	0.1013	2.9637
1013	SLV 3	9.25	-0.13	47.03	-12.5452	0.1056	3.2348
1013	SLV 4	8.32	-0.29	46.73	-12.4607	0.105	2.9102
1013	SLV 5	3.13	4.68	36.51	-9.7135	0.0701	1.0939
1013	SLV 6	2.53	4.57	36.32	-9.6589	0.0696	0.8838
1013	SLV 7	2.61	-3.01	44.58	-11.6553	0.0822	0.9155
1013	SLV 8	2.01	-3.12	44.38	-11.6007	0.0817	0.7054
1013	SLV 9	-2.26	4.54	32.03	-8.381	0.0464	-0.7915
1013	SLV 10	-2.86	4.43	31.84	-8.3264	0.046	-1.0016
1013	SLV 11	-2.78	-3.15	40.1	-10.3228	0.0585	-0.9699
1013	SLV 12	-3.38	-3.26	39.91	-10.2682	0.0581	-1.18
1013	SLV 13	-8.57	1.71	29.68	-7.521	0.0232	-2.9963
1013	SLV 14	-9.5	1.54	29.39	-7.4365	0.0225	-3.3209
1013	SLV 15	-8.72	-0.6	32.1	-8.1035	0.0268	-3.0498
1013	SLV 16	-9.65	-0.76	31.81	-8.0191	0.0261	-3.3744
1013	CRTFP Ux+	0	0	0	0	0	0
1013	CRTFP Ux-	0	0	0	0	0	0
1013	CRTFP Uy+	0	0	0	0	0	0
1013	CRTFP Uy-	0	0	0	0	0	0
1014	SLU 1	-0.06	0.65	33.86	-7.9151	0.0555	-0.0219
1014	SLU 2	-0.06	0.69	33.83	-7.9075	0.0554	-0.0222
1014	SLU 3	-0.06	0.68	34.64	-8.0862	0.0568	-0.0214
1014	SLU 4	-0.06	0.7	34.62	-8.0817	0.0568	-0.0216
1014	SLU 5	-0.06	0.7	34.29	-8.0082	0.0562	-0.0205
1014	SLU 6	-0.06	0.69	35.1	-8.187	0.0576	-0.0197
1014	SLU 7	-0.06	0.71	35.08	-8.1824	0.0576	-0.0199
1014	SLU 8	-0.05	0.67	34.78	-8.1166	0.057	-0.0186
1014	SLU 9	-0.06	0.69	34.76	-8.112	0.057	-0.0187
1014	SLU 10	-0.08	0.79	38.1	-8.8699	0.0633	-0.029
1014	SLU 11	-0.08	0.77	38.91	-9.0486	0.0647	-0.0282
1014	SLU 12	-0.08	0.79	38.89	-9.0441	0.0647	-0.0284
1014	SLU 13	-0.08	0.79	38.55	-8.9706	0.0641	-0.0273
1014	SLU 14	-0.08	0.78	39.37	-9.1494	0.0655	-0.0266
1014	SLU 15	-0.08	0.8	39.35	-9.1448	0.0655	-0.0267
1014	SLU 16	-0.07	0.76	39.05	-9.079	0.0649	-0.0254
1014	SLU 17	-0.07	0.79	39.03	-9.0744	0.0649	-0.0256
1014	SLU 18	-0.09	0.79	39.96	-9.2899	0.0668	-0.0317
1014	SLU 19	-0.09	0.81	39.94	-9.2854	0.0668	-0.0318
1014	SLU 20	-0.09	0.8	40.42	-9.3907	0.0676	-0.03
1014	SLU 21	-0.09	0.82	40.4	-9.3861	0.0675	-0.0301
1014	SLU 22	-0.08	0.8	38.22	-8.8936	0.0635	-0.0284
1014	SLU 23	-0.08	0.84	38.19	-8.886	0.0635	-0.0286
1014	SLU 24	-0.08	0.82	39	-9.0648	0.0649	-0.0279
1014	SLU 25	-0.08	0.85	38.98	-9.0602	0.0649	-0.028
1014	SLU 26	-0.08	0.85	38.65	-8.9868	0.0643	-0.027
1014	SLU 27	-0.08	0.83	39.46	-9.1655	0.0657	-0.0262
1014	SLU 28	-0.08	0.86	39.44	-9.161	0.0656	-0.0264
1014	SLU 29	-0.07	0.82	39.14	-9.0951	0.0651	-0.0251
1014	SLU 30	-0.07	0.84	39.12	-9.0905	0.0651	-0.0252
1014	SLU 31	-0.1	0.93	42.46	-9.8484	0.0714	-0.0354
1014	SLU 32	-0.1	0.92	43.27	-10.0272	0.0728	-0.0347
1014	SLU 33	-0.1	0.94	43.25	-10.0226	0.0728	-0.0348
1014	SLU 34	-0.1	0.94	42.92	-9.9491	0.0722	-0.0338
1014	SLU 35	-0.1	0.93	43.73	-10.1279	0.0736	-0.033
1014	SLU 36	-0.1	0.95	43.71	-10.1233	0.0736	-0.0332



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1014	SLU 37	-0.09	0.91	43.41	-10.0575	0.073	-0.0319
1014	SLU 38	-0.09	0.93	43.39	-10.0529	0.073	-0.032
1014	SLU 39	-0.11	0.93	44.32	-10.2684	0.0748	-0.0381
1014	SLU 40	-0.11	0.96	44.3	-10.2639	0.0748	-0.0383
1014	SLU 41	-0.11	0.94	44.78	-10.3692	0.0756	-0.0364
1014	SLU 42	-0.11	0.97	44.76	-10.3646	0.0756	-0.0366
1014	SLU 43	-0.08	0.8	42.53	-9.9541	0.0693	-0.0263
1014	SLU 44	-0.08	0.84	42.49	-9.9465	0.0693	-0.0265
1014	SLU 45	-0.08	0.82	43.3	-10.1253	0.0707	-0.0258
1014	SLU 46	-0.08	0.85	43.28	-10.1207	0.0707	-0.0259
1014	SLU 47	-0.07	0.85	42.95	-10.0473	0.0701	-0.0249
1014	SLU 48	-0.07	0.83	43.76	-10.226	0.0715	-0.0241
1014	SLU 49	-0.07	0.86	43.74	-10.2215	0.0714	-0.0243
1014	SLU 50	-0.07	0.82	43.44	-10.1556	0.0709	-0.023
1014	SLU 51	-0.07	0.84	43.42	-10.151	0.0709	-0.0231
1014	SLU 52	-0.1	0.93	46.76	-10.9089	0.0772	-0.0333
1014	SLU 53	-0.1	0.92	47.57	-11.0877	0.0786	-0.0326
1014	SLU 54	-0.1	0.94	47.55	-11.0831	0.0786	-0.0327
1014	SLU 55	-0.09	0.94	47.22	-11.0096	0.078	-0.0317
1014	SLU 56	-0.09	0.93	48.03	-11.1884	0.0794	-0.0309
1014	SLU 57	-0.09	0.95	48.01	-11.1838	0.0794	-0.0311
1014	SLU 58	-0.09	0.91	47.71	-11.118	0.0788	-0.0298
1014	SLU 59	-0.09	0.93	47.69	-11.1134	0.0788	-0.0299
1014	SLU 60	-0.11	0.93	48.62	-11.3289	0.0807	-0.036
1014	SLU 61	-0.11	0.96	48.6	-11.3244	0.0806	-0.0362
1014	SLU 62	-0.1	0.94	49.08	-11.4297	0.0814	-0.0344
1014	SLU 63	-0.1	0.96	49.06	-11.4251	0.0814	-0.0345
1014	SLU 64	-0.1	0.95	46.89	-10.9326	0.0774	-0.0327
1014	SLU 65	-0.1	0.99	46.85	-10.925	0.0774	-0.033
1014	SLU 66	-0.09	0.97	47.67	-11.1038	0.0787	-0.0322
1014	SLU 67	-0.09	0.99	47.65	-11.0992	0.0787	-0.0324
1014	SLU 68	-0.09	0.99	47.31	-11.0258	0.0781	-0.0313
1014	SLU 69	-0.09	0.98	48.12	-11.2045	0.0795	-0.0306
1014	SLU 70	-0.09	1	48.1	-11.2	0.0795	-0.0307
1014	SLU 71	-0.09	0.96	47.8	-11.1341	0.0789	-0.0294
1014	SLU 72	-0.09	0.99	47.78	-11.1296	0.0789	-0.0296
1014	SLU 73	-0.12	1.08	51.12	-11.8874	0.0853	-0.0398
1014	SLU 74	-0.11	1.06	51.93	-12.0662	0.0867	-0.039
1014	SLU 75	-0.11	1.09	51.91	-12.0616	0.0867	-0.0392
1014	SLU 76	-0.11	1.09	51.58	-11.9882	0.0861	-0.0381
1014	SLU 77	-0.11	1.07	52.39	-12.1669	0.0875	-0.0374
1014	SLU 78	-0.11	1.1	52.37	-12.1624	0.0874	-0.0375
1014	SLU 79	-0.11	1.06	52.07	-12.0965	0.0869	-0.0362
1014	SLU 80	-0.11	1.08	52.05	-12.092	0.0869	-0.0364
1014	SLU 81	-0.12	1.08	52.99	-12.3075	0.0887	-0.0425
1014	SLU 82	-0.12	1.1	52.97	-12.3029	0.0887	-0.0426
1014	SLU 83	-0.12	1.09	53.44	-12.4082	0.0895	-0.0408
1014	SLU 84	-0.12	1.11	53.42	-12.4037	0.0895	-0.041
1014	SLE RA 1	-0.07	0.7	35.11	-8.1947	0.0578	-0.0238
1014	SLE RA 2	-0.07	0.72	35.09	-8.1896	0.0577	-0.0239
1014	SLE RA 3	-0.07	0.71	35.63	-8.3088	0.0587	-0.0234
1014	SLE RA 4	-0.07	0.73	35.61	-8.3057	0.0586	-0.0235
1014	SLE RA 5	-0.07	0.73	35.39	-8.2568	0.0583	-0.0228
1014	SLE RA 6	-0.07	0.72	35.93	-8.3759	0.0592	-0.0223
1014	SLE RA 7	-0.07	0.73	35.92	-8.3729	0.0592	-0.0224
1014	SLE RA 8	-0.06	0.71	35.72	-8.329	0.0588	-0.0215
1014	SLE RA 9	-0.06	0.72	35.7	-8.3259	0.0588	-0.0216
1014	SLE RA 10	-0.08	0.78	37.93	-8.8312	0.063	-0.0285
1014	SLE RA 11	-0.08	0.77	38.47	-8.9504	0.0639	-0.028
1014	SLE RA 12	-0.08	0.79	38.46	-8.9473	0.0639	-0.0281
1014	SLE RA 13	-0.08	0.79	38.24	-8.8984	0.0635	-0.0274
1014	SLE RA 14	-0.08	0.78	38.78	-9.0175	0.0645	-0.0269
1014	SLE RA 15	-0.08	0.8	38.76	-9.0145	0.0645	-0.027
1014	SLE RA 16	-0.08	0.77	38.56	-8.9706	0.0641	-0.0261
1014	SLE RA 17	-0.08	0.78	38.55	-8.9675	0.0641	-0.0262
1014	SLE RA 18	-0.09	0.78	39.17	-9.1112	0.0653	-0.0303
1014	SLE RA 19	-0.09	0.8	39.16	-9.1082	0.0653	-0.0304
1014	SLE RA 20	-0.09	0.79	39.48	-9.1784	0.0658	-0.0291
1014	SLE RA 21	-0.09	0.81	39.47	-9.1753	0.0658	-0.0292
1014	SLE FR 1	-0.07	0.7	35.11	-8.1947	0.0578	-0.0238
1014	SLE FR 2	-0.07	0.7	35.1	-8.1936	0.0578	-0.0238
1014	SLE FR 3	-0.07	0.7	35.23	-8.2215	0.058	-0.0233
1014	SLE FR 4	-0.08	0.73	36.32	-8.4686	0.06	-0.0257
1014	SLE FR 5	-0.07	0.72	36.45	-8.4965	0.0602	-0.0253
1014	SLE FR 6	-0.08	0.74	37.14	-8.6529	0.0615	-0.027
1014	SLE QP 1	-0.07	0.7	35.11	-8.1947	0.0578	-0.0238
1014	SLE QP 2	-0.08	0.72	36.33	-8.4696	0.06	-0.0257
1014	SLD 1	4.01	1.15	38.55	-9.1472	0.0771	1.4045
1014	SLD 2	3.61	1.1	38.43	-9.1165	0.0768	1.2647
1014	SLD 3	3.95	0.15	39.57	-9.3733	0.0789	1.3815
1014	SLD 4	3.55	0.1	39.45	-9.3425	0.0786	1.2417
1014	SLD 5	1.32	2.38	35.47	-8.3355	0.0624	0.4633
1014	SLD 6	1.06	2.34	35.39	-8.3153	0.0622	0.3712
1014	SLD 7	1.1	-0.95	38.87	-9.0891	0.0686	0.3866
1014	SLD 8	0.84	-0.99	38.79	-9.0689	0.0684	0.2946
1014	SLD 9	-0.99	2.43	33.86	-7.8704	0.0517	-0.346
1014	SLD 10	-1.25	2.4	33.79	-7.8501	0.0515	-0.4381
1014	SLD 11	-1.21	-0.9	37.27	-8.624	0.0578	-0.4226
1014	SLD 12	-1.47	-0.93	37.19	-8.6037	0.0577	-0.5147



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1014	SLD 13	-3.7	1.34	33.21	-7.5967	0.0414	-1.2931
1014	SLD 14	-4.1	1.29	33.09	-7.566	0.0411	-1.4329
1014	SLD 15	-3.76	0.34	34.23	-7.8228	0.0433	-1.3161
1014	SLD 16	-4.16	0.29	34.11	-7.792	0.043	-1.4559
1014	SLV 1	9.49	1.69	41.55	-10.0634	0.1	3.3196
1014	SLV 2	8.55	1.56	41.28	-9.9918	0.0993	2.9941
1014	SLV 3	9.33	-0.57	43.87	-10.5758	0.1042	3.2665
1014	SLV 4	8.4	-0.7	43.59	-10.5042	0.1035	2.9409
1014	SLV 5	3.19	4.47	34.43	-8.1832	0.0658	1.115
1014	SLV 6	2.58	4.39	34.26	-8.1369	0.0653	0.9043
1014	SLV 7	2.68	-3.08	42.15	-9.8909	0.0798	0.9378
1014	SLV 8	2.07	-3.16	41.97	-9.8446	0.0793	0.7272
1014	SLV 9	-2.22	4.61	30.69	-7.0947	0.0407	-0.7786
1014	SLV 10	-2.83	4.52	30.51	-7.0484	0.0403	-0.9892
1014	SLV 11	-2.73	-2.94	38.4	-8.8024	0.0547	-0.9558
1014	SLV 12	-3.34	-3.02	38.22	-8.7561	0.0543	-1.1664
1014	SLV 13	-8.55	2.14	29.06	-6.4351	0.0165	-2.9923
1014	SLV 14	-9.48	2.02	28.79	-6.3635	0.0158	-3.3179
1014	SLV 15	-8.7	-0.12	31.38	-6.9474	0.0207	-3.0455
1014	SLV 16	-9.64	-0.25	31.1	-6.8758	0.02	-3.3711
1014	CRTFP Ux+	0	0	0	0	0	0
1014	CRTFP Ux-	0	0	0	0	0	0
1014	CRTFP Uy+	0	0	0	0	0	0
1014	CRTFP Uy-	0	0	0	0	0	0
1015	SLU 1	-0.02	0.68	32.36	-6.7534	0.0443	-0.0057
1015	SLU 2	-0.02	0.71	32.32	-6.7464	0.0443	-0.0059
1015	SLU 3	-0.02	0.7	33.1	-6.8955	0.0454	-0.0048
1015	SLU 4	-0.02	0.72	33.08	-6.8913	0.0454	-0.0049
1015	SLU 5	-0.01	0.72	32.76	-6.8302	0.0449	-0.004
1015	SLU 6	-0.01	0.71	33.53	-6.9792	0.046	-0.0029
1015	SLU 7	-0.01	0.73	33.51	-6.975	0.046	-0.003
1015	SLU 8	-0.01	0.69	33.23	-6.9209	0.0455	-0.0019
1015	SLU 9	-0.01	0.72	33.21	-6.9167	0.0455	-0.002
1015	SLU 10	-0.03	0.81	36.38	-7.5452	0.0506	-0.0112
1015	SLU 11	-0.03	0.8	37.15	-7.6943	0.0517	-0.0101
1015	SLU 12	-0.03	0.82	37.13	-7.6901	0.0517	-0.0102
1015	SLU 13	-0.03	0.82	36.81	-7.6289	0.0512	-0.0093
1015	SLU 14	-0.03	0.8	37.59	-7.778	0.0523	-0.0082
1015	SLU 15	-0.03	0.83	37.57	-7.7738	0.0523	-0.0083
1015	SLU 16	-0.02	0.79	37.28	-7.7196	0.0518	-0.0072
1015	SLU 17	-0.02	0.81	37.26	-7.7155	0.0518	-0.0073
1015	SLU 18	-0.04	0.81	38.15	-7.8945	0.0534	-0.0133
1015	SLU 19	-0.04	0.83	38.13	-7.8903	0.0533	-0.0134
1015	SLU 20	-0.04	0.82	38.58	-7.9783	0.054	-0.0114
1015	SLU 21	-0.04	0.84	38.56	-7.9741	0.0539	-0.0115
1015	SLU 22	-0.03	0.82	36.5	-7.5656	0.0508	-0.0107
1015	SLU 23	-0.03	0.86	36.47	-7.5586	0.0507	-0.0108
1015	SLU 24	-0.03	0.85	37.24	-7.7077	0.0518	-0.0097
1015	SLU 25	-0.03	0.87	37.22	-7.7035	0.0518	-0.0099
1015	SLU 26	-0.03	0.87	36.9	-7.6424	0.0513	-0.0089
1015	SLU 27	-0.03	0.86	37.68	-7.7914	0.0525	-0.0078
1015	SLU 28	-0.03	0.88	37.66	-7.7872	0.0524	-0.0079
1015	SLU 29	-0.02	0.84	37.37	-7.7331	0.052	-0.0069
1015	SLU 30	-0.02	0.86	37.35	-7.7289	0.052	-0.007
1015	SLU 31	-0.05	0.96	40.52	-8.3574	0.0571	-0.0161
1015	SLU 32	-0.05	0.94	41.29	-8.5065	0.0582	-0.015
1015	SLU 33	-0.05	0.97	41.27	-8.5023	0.0582	-0.0151
1015	SLU 34	-0.04	0.97	40.96	-8.4411	0.0577	-0.0142
1015	SLU 35	-0.04	0.95	41.73	-8.5902	0.0588	-0.0131
1015	SLU 36	-0.04	0.97	41.71	-8.586	0.0588	-0.0132
1015	SLU 37	-0.04	0.94	41.42	-8.5318	0.0583	-0.0121
1015	SLU 38	-0.04	0.96	41.4	-8.5277	0.0583	-0.0123
1015	SLU 39	-0.06	0.96	42.29	-8.7067	0.0598	-0.0182
1015	SLU 40	-0.06	0.98	42.27	-8.7025	0.0598	-0.0183
1015	SLU 41	-0.05	0.97	42.72	-8.7905	0.0604	-0.0163
1015	SLU 42	-0.05	0.99	42.71	-8.7863	0.0604	-0.0164
1015	SLU 43	-0.02	0.83	40.64	-8.501	0.0554	-0.0057
1015	SLU 44	-0.02	0.87	40.61	-8.494	0.0553	-0.0059
1015	SLU 45	-0.02	0.85	41.38	-8.6431	0.0564	-0.0048
1015	SLU 46	-0.02	0.88	41.36	-8.6389	0.0564	-0.0049
1015	SLU 47	-0.01	0.88	41.05	-8.5777	0.0559	-0.004
1015	SLU 48	-0.01	0.86	41.82	-8.7268	0.057	-0.0029
1015	SLU 49	-0.01	0.89	41.8	-8.7226	0.057	-0.003
1015	SLU 50	-0.01	0.85	41.51	-8.6684	0.0566	-0.0019
1015	SLU 51	-0.01	0.87	41.5	-8.6642	0.0566	-0.002
1015	SLU 52	-0.04	0.96	44.66	-9.2928	0.0617	-0.0112
1015	SLU 53	-0.03	0.95	45.44	-9.4418	0.0628	-0.0101
1015	SLU 54	-0.03	0.97	45.42	-9.4376	0.0628	-0.0102
1015	SLU 55	-0.03	0.97	45.1	-9.3765	0.0623	-0.0093
1015	SLU 56	-0.03	0.96	45.87	-9.5255	0.0634	-0.0082
1015	SLU 57	-0.03	0.98	45.85	-9.5214	0.0634	-0.0083
1015	SLU 58	-0.02	0.94	45.57	-9.4672	0.0629	-0.0072
1015	SLU 59	-0.02	0.96	45.55	-9.463	0.0629	-0.0073
1015	SLU 60	-0.04	0.96	46.43	-9.6421	0.0644	-0.0133
1015	SLU 61	-0.04	0.99	46.41	-9.6379	0.0644	-0.0134
1015	SLU 62	-0.04	0.97	46.87	-9.7258	0.065	-0.0114
1015	SLU 63	-0.04	1	46.85	-9.7216	0.065	-0.0115
1015	SLU 64	-0.03	0.98	44.78	-9.3132	0.0618	-0.0107
1015	SLU 65	-0.03	1.01	44.75	-9.3062	0.0618	-0.0109



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1015	SLU 66	-0.03	1	45.53	-9.4553	0.0629	-0.0098
1015	SLU 67	-0.03	1.02	45.51	-9.4511	0.0629	-0.0099
1015	SLU 68	-0.03	1.02	45.19	-9.3899	0.0624	-0.009
1015	SLU 69	-0.03	1.01	45.96	-9.539	0.0635	-0.0079
1015	SLU 70	-0.03	1.03	45.94	-9.5348	0.0635	-0.008
1015	SLU 71	-0.02	0.99	45.66	-9.4806	0.0631	-0.0069
1015	SLU 72	-0.02	1.02	45.64	-9.4764	0.063	-0.007
1015	SLU 73	-0.05	1.11	48.81	-10.105	0.0682	-0.0162
1015	SLU 74	-0.05	1.1	49.58	-10.254	0.0693	-0.0151
1015	SLU 75	-0.05	1.12	49.56	-10.2498	0.0692	-0.0152
1015	SLU 76	-0.04	1.12	49.24	-10.1887	0.0688	-0.0143
1015	SLU 77	-0.04	1.1	50.02	-10.3377	0.0699	-0.0132
1015	SLU 78	-0.04	1.13	50	-10.3336	0.0698	-0.0133
1015	SLU 79	-0.04	1.09	49.71	-10.2794	0.0694	-0.0122
1015	SLU 80	-0.04	1.11	49.69	-10.2752	0.0694	-0.0123
1015	SLU 81	-0.06	1.11	50.58	-10.4543	0.0709	-0.0182
1015	SLU 82	-0.06	1.13	50.56	-10.4501	0.0709	-0.0184
1015	SLU 83	-0.05	1.12	51.01	-10.538	0.0715	-0.0163
1015	SLU 84	-0.05	1.14	50.99	-10.5338	0.0715	-0.0164
1015	SLE RA 1	-0.02	0.72	33.54	-6.9855	0.0462	-0.0071
1015	SLE RA 2	-0.02	0.74	33.52	-6.9808	0.0461	-0.0073
1015	SLE RA 3	-0.02	0.73	34.03	-7.0802	0.0469	-0.0065
1015	SLE RA 4	-0.02	0.75	34.02	-7.0774	0.0469	-0.0066
1015	SLE RA 5	-0.02	0.75	33.81	-7.0366	0.0465	-0.006
1015	SLE RA 6	-0.02	0.74	34.32	-7.136	0.0473	-0.0053
1015	SLE RA 7	-0.02	0.76	34.31	-7.1332	0.0473	-0.0053
1015	SLE RA 8	-0.02	0.73	34.12	-7.0971	0.047	-0.0046
1015	SLE RA 9	-0.02	0.75	34.11	-7.0943	0.0469	-0.0047
1015	SLE RA 10	-0.03	0.81	36.22	-7.5133	0.0504	-0.0108
1015	SLE RA 11	-0.03	0.8	36.74	-7.6127	0.0511	-0.01
1015	SLE RA 12	-0.03	0.81	36.72	-7.6099	0.0511	-0.0101
1015	SLE RA 13	-0.03	0.81	36.51	-7.5692	0.0508	-0.0095
1015	SLE RA 14	-0.03	0.8	37.03	-7.6685	0.0515	-0.0088
1015	SLE RA 15	-0.03	0.82	37.01	-7.6657	0.0515	-0.0089
1015	SLE RA 16	-0.03	0.79	36.82	-7.6296	0.0512	-0.0081
1015	SLE RA 17	-0.03	0.81	36.81	-7.6268	0.0512	-0.0082
1015	SLE RA 18	-0.04	0.81	37.4	-7.7462	0.0522	-0.0122
1015	SLE RA 19	-0.04	0.82	37.39	-7.7434	0.0522	-0.0122
1015	SLE RA 20	-0.03	0.81	37.69	-7.802	0.0526	-0.0109
1015	SLE RA 21	-0.03	0.83	37.68	-7.7992	0.0526	-0.011
1015	SLE FR 1	-0.02	0.72	33.54	-6.9855	0.0462	-0.0071
1015	SLE FR 2	-0.02	0.72	33.54	-6.9846	0.0461	-0.0072
1015	SLE FR 3	-0.02	0.72	33.66	-7.0078	0.0463	-0.0066
1015	SLE FR 4	-0.03	0.75	34.69	-7.2128	0.048	-0.0087
1015	SLE FR 5	-0.03	0.75	34.81	-7.236	0.0481	-0.0081
1015	SLE FR 6	-0.03	0.76	35.47	-7.3659	0.0492	-0.0097
1015	SLE QP 1	-0.02	0.72	33.54	-6.9855	0.0462	-0.0071
1015	SLE QP 2	-0.03	0.75	34.7	-7.2137	0.048	-0.0086
1015	SLD 1	4.07	1.17	36.4	-7.7202	0.0652	1.4264
1015	SLD 2	3.67	1.13	36.29	-7.6945	0.065	1.2863
1015	SLD 3	4.01	0.19	37.38	-7.9162	0.0669	1.4035
1015	SLD 4	3.6	0.15	37.26	-7.8905	0.0666	1.2634
1015	SLD 5	1.37	2.37	33.75	-7.073	0.0507	0.4817
1015	SLD 6	1.11	2.34	33.68	-7.0561	0.0505	0.3894
1015	SLD 7	1.15	-0.9	37	-7.7263	0.0562	0.4055
1015	SLD 8	0.89	-0.93	36.93	-7.7094	0.056	0.3132
1015	SLD 9	-0.94	2.42	32.47	-6.718	0.0399	-0.3305
1015	SLD 10	-1.21	2.39	32.4	-6.7011	0.0398	-0.4228
1015	SLD 11	-1.16	-0.85	35.72	-7.3713	0.0454	-0.4067
1015	SLD 12	-1.43	-0.88	35.64	-7.3544	0.0452	-0.4989
1015	SLD 13	-3.66	1.34	32.13	-6.537	0.0293	-1.2807
1015	SLD 14	-4.06	1.3	32.02	-6.5113	0.0291	-1.4208
1015	SLD 15	-3.73	0.36	33.1	-6.733	0.031	-1.3035
1015	SLD 16	-4.13	0.32	32.99	-6.7072	0.0307	-1.4437
1015	SLV 1	9.56	1.7	38.72	-8.4057	0.0884	3.348
1015	SLV 2	8.63	1.61	38.46	-8.3459	0.0878	3.0217
1015	SLV 3	9.41	-0.52	40.93	-8.8503	0.0921	3.2952
1015	SLV 4	8.47	-0.61	40.67	-8.7904	0.0915	2.9688
1015	SLV 5	3.24	4.42	32.6	-6.9075	0.0546	1.1351
1015	SLV 6	2.64	4.36	32.43	-6.8688	0.0542	0.9239
1015	SLV 7	2.73	-2.99	39.96	-8.3893	0.0669	0.959
1015	SLV 8	2.13	-3.05	39.79	-8.3505	0.0666	0.7478
1015	SLV 9	-2.18	4.54	29.6	-6.0769	0.0294	-0.7651
1015	SLV 10	-2.79	4.48	29.43	-6.0381	0.029	-0.9763
1015	SLV 11	-2.69	-2.87	36.96	-7.5587	0.0417	-0.9412
1015	SLV 12	-3.3	-2.93	36.8	-7.5199	0.0413	-1.1524
1015	SLV 13	-8.53	2.1	28.73	-5.637	0.0044	-2.9861
1015	SLV 14	-9.46	2.01	28.47	-5.5771	0.0038	-3.3125
1015	SLV 15	-8.68	-0.12	30.93	-6.0815	0.0081	-3.0389
1015	SLV 16	-9.62	-0.21	30.68	-6.0217	0.0075	-3.3653
1015	CRTFP Ux+	0	0	0	0	0	0
1015	CRTFP Ux-	0	0	0	0	0	0
1015	CRTFP Uy+	0	0	0	0	0	0
1015	CRTFP Uy-	0	0	0	0	0	0
1016	SLU 1	0.03	0.71	31.26	-5.9309	0.0287	0.0104
1016	SLU 2	0.03	0.75	31.22	-5.9245	0.0286	0.0103
1016	SLU 3	0.03	0.74	31.97	-6.0526	0.0293	0.0117
1016	SLU 4	0.03	0.76	31.95	-6.0487	0.0293	0.0117
1016	SLU 5	0.03	0.76	31.65	-5.9964	0.029	0.0124



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1016	SLU 6	0.04	0.74	32.39	-6.1245	0.0297	0.0139
1016	SLU 7	0.04	0.77	32.37	-6.1206	0.0297	0.0138
1016	SLU 8	0.04	0.73	32.1	-6.0747	0.0294	0.0147
1016	SLU 9	0.04	0.75	32.08	-6.0708	0.0294	0.0146
1016	SLU 10	0.01	0.85	35.12	-6.6072	0.0327	0.0066
1016	SLU 11	0.02	0.83	35.87	-6.7353	0.0334	0.008
1016	SLU 12	0.02	0.86	35.85	-6.7315	0.0334	0.0079
1016	SLU 13	0.02	0.85	35.54	-6.6791	0.0331	0.0087
1016	SLU 14	0.02	0.84	36.29	-6.8072	0.0338	0.0101
1016	SLU 15	0.02	0.87	36.27	-6.8033	0.0338	0.0101
1016	SLU 16	0.03	0.83	36	-6.7575	0.0335	0.0109
1016	SLU 17	0.03	0.85	35.98	-6.7536	0.0335	0.0109
1016	SLU 18	0.01	0.85	36.82	-6.9063	0.0345	0.0051
1016	SLU 19	0.01	0.87	36.8	-6.9024	0.0345	0.005
1016	SLU 20	0.02	0.86	37.24	-6.9782	0.0349	0.0072
1016	SLU 21	0.02	0.88	37.22	-6.9743	0.0348	0.0071
1016	SLU 22	0.02	0.86	35.24	-6.6249	0.0329	0.007
1016	SLU 23	0.02	0.9	35.21	-6.6185	0.0328	0.0069
1016	SLU 24	0.02	0.88	35.95	-6.7465	0.0335	0.0083
1016	SLU 25	0.02	0.91	35.93	-6.7427	0.0335	0.0083
1016	SLU 26	0.02	0.91	35.63	-6.6903	0.0332	0.009
1016	SLU 27	0.03	0.89	36.37	-6.8184	0.0339	0.0105
1016	SLU 28	0.03	0.92	36.36	-6.8146	0.0339	0.0104
1016	SLU 29	0.03	0.88	36.08	-6.7687	0.0336	0.0113
1016	SLU 30	0.03	0.9	36.06	-6.7648	0.0336	0.0112
1016	SLU 31	0	0.99	39.1	-7.3012	0.0369	0.0032
1016	SLU 32	0.01	0.98	39.85	-7.4293	0.0376	0.0046
1016	SLU 33	0.01	1	39.83	-7.4254	0.0376	0.0045
1016	SLU 34	0.01	1	39.52	-7.3731	0.0373	0.0053
1016	SLU 35	0.01	0.99	40.27	-7.5012	0.038	0.0067
1016	SLU 36	0.01	1.01	40.25	-7.4973	0.038	0.0067
1016	SLU 37	0.02	0.97	39.98	-7.4514	0.0377	0.0075
1016	SLU 38	0.02	1	39.96	-7.4476	0.0377	0.0075
1016	SLU 39	0	1	40.8	-7.6003	0.0387	0.0017
1016	SLU 40	0	1.02	40.78	-7.5964	0.0387	0.0016
1016	SLU 41	0.01	1.01	41.22	-7.6722	0.0391	0.0038
1016	SLU 42	0.01	1.03	41.21	-7.6683	0.0391	0.0037
1016	SLU 43	0.04	0.87	39.27	-7.4723	0.0358	0.0147
1016	SLU 44	0.04	0.91	39.24	-7.4658	0.0358	0.0146
1016	SLU 45	0.04	0.9	39.98	-7.5939	0.0365	0.016
1016	SLU 46	0.04	0.92	39.96	-7.59	0.0365	0.0159
1016	SLU 47	0.04	0.92	39.66	-7.5377	0.0361	0.0167
1016	SLU 48	0.05	0.91	40.4	-7.6658	0.0368	0.0181
1016	SLU 49	0.05	0.93	40.39	-7.6619	0.0368	0.0181
1016	SLU 50	0.05	0.89	40.11	-7.616	0.0365	0.019
1016	SLU 51	0.05	0.91	40.09	-7.6122	0.0365	0.0189
1016	SLU 52	0.03	1.01	43.13	-8.1486	0.0399	0.0108
1016	SLU 53	0.03	0.99	43.88	-8.2767	0.0406	0.0123
1016	SLU 54	0.03	1.02	43.86	-8.2728	0.0406	0.0122
1016	SLU 55	0.03	1.02	43.55	-8.2205	0.0402	0.013
1016	SLU 56	0.04	1	44.3	-8.3486	0.0409	0.0144
1016	SLU 57	0.04	1.03	44.28	-8.3447	0.0409	0.0143
1016	SLU 58	0.04	0.99	44.01	-8.2988	0.0406	0.0152
1016	SLU 59	0.04	1.01	43.99	-8.2949	0.0406	0.0152
1016	SLU 60	0.02	1.01	44.83	-8.4476	0.0417	0.0093
1016	SLU 61	0.02	1.03	44.81	-8.4438	0.0416	0.0093
1016	SLU 62	0.03	1.02	45.25	-8.5195	0.042	0.0115
1016	SLU 63	0.03	1.04	45.24	-8.5157	0.042	0.0114
1016	SLU 64	0.03	1.02	43.25	-8.1662	0.04	0.0113
1016	SLU 65	0.03	1.06	43.22	-8.1598	0.04	0.0112
1016	SLU 66	0.03	1.05	43.96	-8.2879	0.0407	0.0126
1016	SLU 67	0.03	1.07	43.95	-8.284	0.0407	0.0126
1016	SLU 68	0.03	1.07	43.64	-8.2317	0.0404	0.0133
1016	SLU 69	0.04	1.06	44.39	-8.3598	0.041	0.0148
1016	SLU 70	0.04	1.08	44.37	-8.3559	0.041	0.0147
1016	SLU 71	0.04	1.04	44.09	-8.31	0.0407	0.0156
1016	SLU 72	0.04	1.06	44.07	-8.3062	0.0407	0.0155
1016	SLU 73	0.02	1.16	47.11	-8.8426	0.0441	0.0074
1016	SLU 74	0.02	1.14	47.86	-8.9706	0.0448	0.0089
1016	SLU 75	0.02	1.17	47.84	-8.9668	0.0448	0.0088
1016	SLU 76	0.02	1.17	47.54	-8.9144	0.0444	0.0096
1016	SLU 77	0.03	1.15	48.28	-9.0425	0.0451	0.011
1016	SLU 78	0.03	1.18	48.26	-9.0387	0.0451	0.0109
1016	SLU 79	0.03	1.14	47.99	-8.9928	0.0448	0.0118
1016	SLU 80	0.03	1.16	47.97	-8.9889	0.0448	0.0118
1016	SLU 81	0.01	1.16	48.81	-9.1416	0.0459	0.0059
1016	SLU 82	0.01	1.18	48.8	-9.1377	0.0458	0.0059
1016	SLU 83	0.02	1.17	49.24	-9.2135	0.0462	0.0081
1016	SLU 84	0.02	1.19	49.22	-9.2096	0.0462	0.008
1016	SLE RA 1	0.02	0.75	32.39	-6.1292	0.0299	0.0094
1016	SLE RA 2	0.02	0.78	32.37	-6.1249	0.0298	0.0094
1016	SLE RA 3	0.03	0.77	32.87	-6.2103	0.0303	0.0103
1016	SLE RA 4	0.03	0.78	32.86	-6.2077	0.0303	0.0103
1016	SLE RA 5	0.03	0.78	32.65	-6.1728	0.0301	0.0108
1016	SLE RA 6	0.03	0.78	33.15	-6.2582	0.0305	0.0117
1016	SLE RA 7	0.03	0.79	33.14	-6.2556	0.0305	0.0117
1016	SLE RA 8	0.03	0.76	32.96	-6.2251	0.0303	0.0123
1016	SLE RA 9	0.03	0.78	32.94	-6.2225	0.0303	0.0122
1016	SLE RA 10	0.02	0.84	34.97	-6.5801	0.0326	0.0069



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1016	SLE RA 11	0.02	0.83	35.47	-6.6655	0.033	0.0078
1016	SLE RA 12	0.02	0.85	35.46	-6.6629	0.033	0.0078
1016	SLE RA 13	0.02	0.85	35.25	-6.628	0.0328	0.0083
1016	SLE RA 14	0.02	0.84	35.75	-6.7134	0.0333	0.0092
1016	SLE RA 15	0.02	0.86	35.74	-6.7108	0.0333	0.0092
1016	SLE RA 16	0.02	0.83	35.55	-6.6802	0.0331	0.0098
1016	SLE RA 17	0.02	0.85	35.54	-6.6777	0.0331	0.0097
1016	SLE RA 18	0.01	0.85	36.1	-6.7795	0.0338	0.0059
1016	SLE RA 19	0.01	0.86	36.09	-6.7769	0.0337	0.0058
1016	SLE RA 20	0.02	0.85	36.39	-6.8274	0.034	0.0073
1016	SLE RA 21	0.02	0.87	36.37	-6.8248	0.034	0.0073
1016	SLE FR 1	0.02	0.75	32.39	-6.1292	0.0299	0.0094
1016	SLE FR 2	0.02	0.76	32.39	-6.1283	0.0299	0.0094
1016	SLE FR 3	0.02	0.75	32.51	-6.1484	0.03	0.01
1016	SLE FR 4	0.02	0.79	33.5	-6.3234	0.031	0.0084
1016	SLE FR 5	0.02	0.78	33.62	-6.3434	0.0311	0.0089
1016	SLE FR 6	0.02	0.8	34.25	-6.4543	0.0318	0.0077
1016	SLE QP 1	0.02	0.75	32.39	-6.1292	0.0299	0.0094
1016	SLE QP 2	0.02	0.78	33.51	-6.3243	0.031	0.0084
1016	SLD 1	4.13	1.35	34.7	-6.6548	0.0482	1.447
1016	SLD 2	3.73	1.32	34.59	-6.6335	0.048	1.3066
1016	SLD 3	4.06	0.38	35.63	-6.8282	0.0493	1.4243
1016	SLD 4	3.66	0.35	35.53	-6.8069	0.0491	1.2839
1016	SLD 5	1.42	2.42	32.46	-6.1642	0.0345	0.4996
1016	SLD 6	1.16	2.4	32.39	-6.1502	0.0344	0.4071
1016	SLD 7	1.21	-0.8	35.59	-6.7423	0.0382	0.4239
1016	SLD 8	0.94	-0.82	35.52	-6.7283	0.0381	0.3314
1016	SLD 9	-0.9	2.38	31.5	-5.9203	0.024	-0.3147
1016	SLD 10	-1.17	2.36	31.43	-5.9062	0.0238	-0.4071
1016	SLD 11	-1.12	-0.84	34.62	-6.4984	0.0277	-0.3904
1016	SLD 12	-1.38	-0.86	34.55	-6.4843	0.0275	-0.4829
1016	SLD 13	-3.62	1.21	31.48	-5.8417	0.013	-1.2672
1016	SLD 14	-4.02	1.18	31.38	-5.8203	0.0128	-1.4076
1016	SLD 15	-3.69	0.24	32.42	-6.0151	0.0141	-1.2899
1016	SLD 16	-4.09	0.21	32.32	-5.9937	0.0139	-1.4303
1016	SLV 1	9.63	2.08	36.32	-7.1035	0.0712	3.3735
1016	SLV 2	8.69	2.01	36.08	-7.0538	0.0707	3.0465
1016	SLV 3	9.48	-0.11	38.45	-7.4974	0.0737	3.321
1016	SLV 4	8.54	-0.17	38.21	-7.4477	0.0732	2.994
1016	SLV 5	3.29	4.5	31.17	-5.9693	0.0393	1.1543
1016	SLV 6	2.69	4.46	31.01	-5.9372	0.039	0.9427
1016	SLV 7	2.79	-2.8	38.26	-7.2822	0.0477	0.9793
1016	SLV 8	2.19	-2.84	38.1	-7.25	0.0474	0.7677
1016	SLV 9	-2.15	4.4	28.91	-5.3986	0.0146	-0.751
1016	SLV 10	-2.75	4.36	28.76	-5.3664	0.0143	-0.9625
1016	SLV 11	-2.65	-2.9	36	-6.7114	0.023	-0.926
1016	SLV 12	-3.25	-2.94	35.85	-6.6792	0.0227	-1.1376
1016	SLV 13	-8.5	1.73	28.8	-5.2009	-0.0112	-2.9773
1016	SLV 14	-9.44	1.67	28.56	-5.1512	-0.0117	-3.3043
1016	SLV 15	-8.65	-0.45	30.93	-5.5947	-0.0087	-3.0298
1016	SLV 16	-9.59	-0.52	30.69	-5.545	-0.0092	-3.3568
1016	CRTFP Ux+	0	0	0	0	0	0
1016	CRTFP Ux-	0	0	0	0	0	0
1016	CRTFP Uy+	0	0	0	0	0	0
1016	CRTFP Uy-	0	0	0	0	0	0
1017	SLU 1	0.07	0.75	30.66	-5.5031	0.0106	0.0265
1017	SLU 2	0.07	0.79	30.63	-5.497	0.0106	0.0265
1017	SLU 3	0.08	0.78	31.37	-5.6145	0.0108	0.0282
1017	SLU 4	0.08	0.8	31.35	-5.6108	0.0108	0.0282
1017	SLU 5	0.08	0.8	31.05	-5.5631	0.0107	0.0288
1017	SLU 6	0.08	0.79	31.78	-5.6805	0.0109	0.0306
1017	SLU 7	0.08	0.81	31.76	-5.6769	0.0109	0.0306
1017	SLU 8	0.08	0.78	31.49	-5.6353	0.0108	0.0312
1017	SLU 9	0.08	0.8	31.48	-5.6316	0.0108	0.0312
1017	SLU 10	0.06	0.89	34.45	-6.1195	0.0121	0.0243
1017	SLU 11	0.07	0.88	35.18	-6.2369	0.0123	0.026
1017	SLU 12	0.07	0.91	35.16	-6.2333	0.0123	0.026
1017	SLU 13	0.07	0.9	34.86	-6.1856	0.0122	0.0267
1017	SLU 14	0.08	0.89	35.59	-6.303	0.0124	0.0284
1017	SLU 15	0.08	0.92	35.58	-6.2993	0.0124	0.0284
1017	SLU 16	0.08	0.88	35.31	-6.2578	0.0123	0.0291
1017	SLU 17	0.08	0.9	35.29	-6.2541	0.0123	0.029
1017	SLU 18	0.06	0.9	36.11	-6.3924	0.0128	0.0234
1017	SLU 19	0.06	0.92	36.09	-6.3887	0.0128	0.0234
1017	SLU 20	0.07	0.91	36.52	-6.4585	0.0128	0.0258
1017	SLU 21	0.07	0.93	36.51	-6.4548	0.0128	0.0257
1017	SLU 22	0.07	0.91	34.56	-6.1353	0.0122	0.0247
1017	SLU 23	0.07	0.94	34.53	-6.1291	0.0122	0.0247
1017	SLU 24	0.07	0.93	35.26	-6.2466	0.0124	0.0264
1017	SLU 25	0.07	0.96	35.24	-6.2429	0.0124	0.0264
1017	SLU 26	0.07	0.95	34.94	-6.1952	0.0123	0.027
1017	SLU 27	0.08	0.94	35.68	-6.3127	0.0125	0.0288
1017	SLU 28	0.08	0.97	35.66	-6.309	0.0125	0.0288
1017	SLU 29	0.08	0.93	35.39	-6.2674	0.0124	0.0294
1017	SLU 30	0.08	0.95	35.37	-6.2638	0.0124	0.0294
1017	SLU 31	0.06	1.05	38.34	-6.7516	0.0137	0.0225
1017	SLU 32	0.06	1.03	39.07	-6.8691	0.0139	0.0242
1017	SLU 33	0.06	1.06	39.05	-6.8654	0.0139	0.0242
1017	SLU 34	0.07	1.06	38.75	-6.8177	0.0138	0.0248



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1017	SLU 35	0.07	1.04	39.49	-6.9352	0.014	0.0266
1017	SLU 36	0.07	1.07	39.47	-6.9315	0.014	0.0266
1017	SLU 37	0.07	1.03	39.2	-6.8899	0.0139	0.0272
1017	SLU 38	0.07	1.05	39.18	-6.8862	0.0139	0.0272
1017	SLU 39	0.06	1.05	40	-7.0245	0.0143	0.0216
1017	SLU 40	0.06	1.07	39.99	-7.0209	0.0143	0.0216
1017	SLU 41	0.06	1.06	40.42	-7.0906	0.0144	0.0239
1017	SLU 42	0.06	1.08	40.4	-7.0869	0.0144	0.0239
1017	SLU 43	0.09	0.93	38.53	-6.9373	0.0133	0.0351
1017	SLU 44	0.09	0.97	38.5	-6.9312	0.0133	0.035
1017	SLU 45	0.1	0.96	39.23	-7.0487	0.0135	0.0368
1017	SLU 46	0.1	0.98	39.21	-7.045	0.0135	0.0368
1017	SLU 47	0.1	0.98	38.91	-6.9973	0.0133	0.0374
1017	SLU 48	0.11	0.97	39.65	-7.1147	0.0135	0.0392
1017	SLU 49	0.11	0.99	39.63	-7.1111	0.0135	0.0391
1017	SLU 50	0.11	0.95	39.36	-7.0695	0.0134	0.0398
1017	SLU 51	0.11	0.97	39.34	-7.0658	0.0134	0.0398
1017	SLU 52	0.09	1.07	42.31	-7.5537	0.0147	0.0329
1017	SLU 53	0.09	1.06	43.04	-7.6711	0.015	0.0346
1017	SLU 54	0.09	1.08	43.02	-7.6675	0.015	0.0346
1017	SLU 55	0.09	1.08	42.72	-7.6198	0.0148	0.0352
1017	SLU 56	0.1	1.07	43.46	-7.7372	0.015	0.037
1017	SLU 57	0.1	1.09	43.44	-7.7335	0.015	0.037
1017	SLU 58	0.1	1.05	43.17	-7.692	0.0149	0.0376
1017	SLU 59	0.1	1.07	43.15	-7.6883	0.0149	0.0376
1017	SLU 60	0.08	1.07	43.97	-7.8266	0.0154	0.032
1017	SLU 61	0.08	1.1	43.96	-7.8229	0.0154	0.0319
1017	SLU 62	0.09	1.08	44.39	-7.8927	0.0155	0.0343
1017	SLU 63	0.09	1.11	44.37	-7.889	0.0155	0.0343
1017	SLU 64	0.09	1.08	42.42	-7.5695	0.0149	0.0333
1017	SLU 65	0.09	1.12	42.39	-7.5633	0.0148	0.0332
1017	SLU 66	0.09	1.11	43.13	-7.6808	0.0151	0.035
1017	SLU 67	0.09	1.13	43.11	-7.6771	0.015	0.035
1017	SLU 68	0.1	1.13	42.81	-7.6294	0.0149	0.0356
1017	SLU 69	0.1	1.12	43.54	-7.7469	0.0151	0.0373
1017	SLU 70	0.1	1.14	43.52	-7.7432	0.0151	0.0373
1017	SLU 71	0.1	1.1	43.25	-7.7016	0.015	0.038
1017	SLU 72	0.1	1.12	43.23	-7.698	0.015	0.038
1017	SLU 73	0.08	1.22	46.2	-8.1858	0.0163	0.0311
1017	SLU 74	0.09	1.21	46.94	-8.3033	0.0166	0.0328
1017	SLU 75	0.09	1.23	46.92	-8.2996	0.0165	0.0328
1017	SLU 76	0.09	1.23	46.62	-8.2519	0.0164	0.0334
1017	SLU 77	0.09	1.22	47.35	-8.3694	0.0166	0.0352
1017	SLU 78	0.09	1.24	47.33	-8.3657	0.0166	0.0351
1017	SLU 79	0.1	1.2	47.06	-8.3241	0.0165	0.0358
1017	SLU 80	0.1	1.23	47.05	-8.3204	0.0165	0.0358
1017	SLU 81	0.08	1.23	47.87	-8.4587	0.017	0.0302
1017	SLU 82	0.08	1.25	47.85	-8.4551	0.017	0.0301
1017	SLU 83	0.09	1.24	48.28	-8.5248	0.0171	0.0325
1017	SLU 84	0.09	1.26	48.26	-8.5211	0.0171	0.0325
1017	SLE RA 1	0.07	0.8	31.78	-5.6837	0.0111	0.026
1017	SLE RA 2	0.07	0.82	31.76	-5.6796	0.0111	0.026
1017	SLE RA 3	0.07	0.82	32.25	-5.758	0.0112	0.0271
1017	SLE RA 4	0.07	0.83	32.23	-5.7555	0.0112	0.0271
1017	SLE RA 5	0.07	0.83	32.03	-5.7237	0.0111	0.0275
1017	SLE RA 6	0.08	0.82	32.52	-5.802	0.0113	0.0287
1017	SLE RA 7	0.08	0.84	32.51	-5.7996	0.0113	0.0287
1017	SLE RA 8	0.08	0.81	32.33	-5.7718	0.0112	0.0291
1017	SLE RA 9	0.08	0.83	32.32	-5.7694	0.0112	0.0291
1017	SLE RA 10	0.06	0.89	34.3	-6.0946	0.0121	0.0245
1017	SLE RA 11	0.07	0.88	34.79	-6.1729	0.0122	0.0257
1017	SLE RA 12	0.07	0.9	34.77	-6.1705	0.0122	0.0257
1017	SLE RA 13	0.07	0.9	34.57	-6.1387	0.0121	0.0261
1017	SLE RA 14	0.07	0.89	35.06	-6.217	0.0123	0.0273
1017	SLE RA 15	0.07	0.91	35.05	-6.2145	0.0123	0.0272
1017	SLE RA 16	0.07	0.88	34.87	-6.1868	0.0122	0.0277
1017	SLE RA 17	0.07	0.89	34.86	-6.1844	0.0122	0.0277
1017	SLE RA 18	0.06	0.89	35.41	-6.2766	0.0125	0.0239
1017	SLE RA 19	0.06	0.91	35.4	-6.2741	0.0125	0.0239
1017	SLE RA 20	0.07	0.9	35.68	-6.3206	0.0126	0.0255
1017	SLE RA 21	0.07	0.92	35.67	-6.3182	0.0126	0.0255
1017	SLE FR 1	0.07	0.8	31.78	-5.6837	0.0111	0.026
1017	SLE FR 2	0.07	0.8	31.77	-5.6829	0.0111	0.026
1017	SLE FR 3	0.07	0.8	31.89	-5.7014	0.0111	0.0266
1017	SLE FR 4	0.07	0.83	32.86	-5.8608	0.0115	0.0254
1017	SLE FR 5	0.07	0.83	32.98	-5.8792	0.0115	0.026
1017	SLE FR 6	0.07	0.85	33.59	-5.9802	0.0118	0.0249
1017	SLE QP 1	0.07	0.8	31.78	-5.6837	0.0111	0.026
1017	SLE QP 2	0.07	0.83	32.87	-5.8616	0.0115	0.0254
1017	SLD 1	4.18	1.38	33.55	-6.0157	0.0285	1.4664
1017	SLD 2	3.78	1.37	33.45	-5.9978	0.0283	1.3258
1017	SLD 3	4.12	0.43	34.47	-6.1775	0.0289	1.4438
1017	SLD 4	3.71	0.41	34.37	-6.1596	0.0287	1.3032
1017	SLD 5	1.47	2.45	31.7	-5.6657	0.016	0.5171
1017	SLD 6	1.21	2.44	31.63	-5.6539	0.0159	0.4245
1017	SLD 7	1.26	-0.74	34.76	-6.2049	0.0174	0.4419
1017	SLD 8	0.99	-0.75	34.69	-6.1931	0.0173	0.3493
1017	SLD 9	-0.86	2.4	31.04	-5.5301	0.0057	-0.2986
1017	SLD 10	-1.12	2.39	30.97	-5.5183	0.0056	-0.3912



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1017	SLD 11	-1.07	-0.78	34.1	-6.0692	0.0071	-0.3738
1017	SLD 12	-1.34	-0.79	34.04	-6.0575	0.007	-0.4664
1017	SLD 13	-3.58	1.24	31.36	-5.5636	-0.0057	-1.2525
1017	SLD 14	-3.98	1.23	31.26	-5.5457	-0.0059	-1.3931
1017	SLD 15	-3.64	0.29	32.28	-5.7253	-0.0053	-1.2751
1017	SLD 16	-4.05	0.27	32.18	-5.7075	-0.0054	-1.4157
1017	SLV 1	9.69	2.1	34.5	-6.2274	0.0512	3.396
1017	SLV 2	8.75	2.06	34.27	-6.1857	0.0509	3.0686
1017	SLV 3	9.54	-0.07	36.59	-6.5951	0.0521	3.3439
1017	SLV 4	8.6	-0.11	36.36	-6.5534	0.0518	3.0165
1017	SLV 5	3.34	4.5	30.24	-5.4209	0.022	1.1725
1017	SLV 6	2.74	4.48	30.09	-5.3939	0.0218	0.9606
1017	SLV 7	2.85	-2.72	37.18	-6.6465	0.0252	0.9986
1017	SLV 8	2.24	-2.75	37.04	-6.6196	0.025	0.7868
1017	SLV 9	-2.1	4.4	28.7	-5.1036	-0.002	-0.7361
1017	SLV 10	-2.71	4.38	28.55	-5.0766	-0.0022	-0.9479
1017	SLV 11	-2.6	-2.82	35.64	-6.3293	0.0012	-0.9099
1017	SLV 12	-3.21	-2.85	35.5	-6.3023	0.001	-1.1218
1017	SLV 13	-8.47	1.76	29.37	-5.1698	-0.0288	-2.9658
1017	SLV 14	-9.41	1.73	29.15	-5.1281	-0.0291	-3.2931
1017	SLV 15	-8.62	-0.4	31.46	-5.5375	-0.0278	-3.0179
1017	SLV 16	-9.56	-0.44	31.23	-5.4958	-0.0282	-3.3453
1017	CRTFP Ux+	0	0	0	0	0	0
1017	CRTFP Ux-	0	0	0	0	0	0
1017	CRTFP Uy+	0	0	0	0	0	0
1017	CRTFP Uy-	0	0	0	0	0	0
1018	SLU 1	0.12	0.81	30.63	-5.4939	-0.0081	0.0425
1018	SLU 2	0.12	0.85	30.6	-5.4878	-0.0081	0.0426
1018	SLU 3	0.12	0.84	31.33	-5.6057	-0.0084	0.0446
1018	SLU 4	0.12	0.86	31.31	-5.602	-0.0084	0.0446
1018	SLU 5	0.12	0.86	31.01	-5.5545	-0.0083	0.0451
1018	SLU 6	0.13	0.85	31.75	-5.6723	-0.0086	0.0472
1018	SLU 7	0.13	0.87	31.73	-5.6687	-0.0086	0.0472
1018	SLU 8	0.13	0.83	31.46	-5.6273	-0.0086	0.0477
1018	SLU 9	0.13	0.85	31.44	-5.6236	-0.0086	0.0477
1018	SLU 10	0.11	0.95	34.4	-6.1093	-0.0093	0.042
1018	SLU 11	0.12	0.94	35.14	-6.2271	-0.0096	0.044
1018	SLU 12	0.12	0.97	35.12	-6.2235	-0.0096	0.044
1018	SLU 13	0.12	0.97	34.82	-6.176	-0.0096	0.0445
1018	SLU 14	0.13	0.96	35.56	-6.2938	-0.0098	0.0466
1018	SLU 15	0.13	0.98	35.54	-6.2901	-0.0098	0.0466
1018	SLU 16	0.13	0.94	35.27	-6.2487	-0.0098	0.0471
1018	SLU 17	0.13	0.96	35.25	-6.2451	-0.0098	0.0471
1018	SLU 18	0.11	0.96	36.07	-6.3817	-0.0099	0.0416
1018	SLU 19	0.11	0.98	36.05	-6.3781	-0.0099	0.0417
1018	SLU 20	0.12	0.97	36.48	-6.4484	-0.0101	0.0442
1018	SLU 21	0.12	1	36.47	-6.4447	-0.0101	0.0443
1018	SLU 22	0.11	0.97	34.51	-6.1242	-0.0093	0.0423
1018	SLU 23	0.11	1	34.48	-6.1181	-0.0093	0.0423
1018	SLU 24	0.12	0.99	35.22	-6.236	-0.0096	0.0444
1018	SLU 25	0.12	1.02	35.2	-6.2323	-0.0096	0.0444
1018	SLU 26	0.12	1.02	34.9	-6.1848	-0.0095	0.0449
1018	SLU 27	0.13	1	35.64	-6.3026	-0.0098	0.047
1018	SLU 28	0.13	1.03	35.62	-6.299	-0.0098	0.047
1018	SLU 29	0.13	0.99	35.35	-6.2575	-0.0097	0.0475
1018	SLU 30	0.13	1.01	35.33	-6.2539	-0.0097	0.0475
1018	SLU 31	0.11	1.11	38.29	-6.7396	-0.0105	0.0417
1018	SLU 32	0.12	1.1	39.03	-6.8574	-0.0108	0.0438
1018	SLU 33	0.12	1.12	39.01	-6.8538	-0.0108	0.0438
1018	SLU 34	0.12	1.12	38.71	-6.8062	-0.0107	0.0443
1018	SLU 35	0.13	1.11	39.44	-6.9241	-0.011	0.0464
1018	SLU 36	0.13	1.13	39.42	-6.9204	-0.011	0.0464
1018	SLU 37	0.13	1.09	39.16	-6.879	-0.0109	0.0469
1018	SLU 38	0.13	1.12	39.14	-6.8753	-0.0109	0.0469
1018	SLU 39	0.11	1.12	39.95	-7.012	-0.011	0.0414
1018	SLU 40	0.11	1.14	39.94	-7.0084	-0.011	0.0415
1018	SLU 41	0.12	1.13	40.37	-7.0787	-0.0112	0.044
1018	SLU 42	0.12	1.15	40.35	-7.075	-0.0112	0.044
1018	SLU 43	0.15	1	38.48	-6.926	-0.0102	0.0553
1018	SLU 44	0.15	1.04	38.45	-6.9199	-0.0102	0.0554
1018	SLU 45	0.16	1.03	39.19	-7.0377	-0.0105	0.0574
1018	SLU 46	0.16	1.05	39.17	-7.0341	-0.0105	0.0575
1018	SLU 47	0.16	1.05	38.87	-6.9866	-0.0104	0.058
1018	SLU 48	0.16	1.04	39.6	-7.1044	-0.0107	0.06
1018	SLU 49	0.16	1.06	39.58	-7.1007	-0.0107	0.0601
1018	SLU 50	0.17	1.02	39.32	-7.0593	-0.0106	0.0605
1018	SLU 51	0.17	1.04	39.3	-7.0557	-0.0106	0.0605
1018	SLU 52	0.15	1.14	42.26	-7.5414	-0.0114	0.0548
1018	SLU 53	0.15	1.13	42.99	-7.6592	-0.0117	0.0568
1018	SLU 54	0.15	1.16	42.98	-7.6555	-0.0117	0.0569
1018	SLU 55	0.16	1.16	42.68	-7.608	-0.0116	0.0574
1018	SLU 56	0.16	1.14	43.41	-7.7259	-0.0119	0.0594
1018	SLU 57	0.16	1.17	43.39	-7.7222	-0.0119	0.0595
1018	SLU 58	0.16	1.13	43.12	-7.6808	-0.0118	0.0599
1018	SLU 59	0.16	1.15	43.11	-7.6771	-0.0118	0.0599
1018	SLU 60	0.15	1.15	43.92	-7.8138	-0.0119	0.0545
1018	SLU 61	0.15	1.17	43.9	-7.8102	-0.0119	0.0545
1018	SLU 62	0.16	1.16	44.34	-7.8805	-0.0121	0.0571
1018	SLU 63	0.16	1.19	44.32	-7.8768	-0.0121	0.0571



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1018	SLU 64	0.15	1.15	42.37	-7.5563	-0.0113	0.0551
1018	SLU 65	0.15	1.19	42.34	-7.5502	-0.0113	0.0552
1018	SLU 66	0.16	1.18	43.07	-7.668	-0.0116	0.0572
1018	SLU 67	0.16	1.21	43.06	-7.6644	-0.0116	0.0572
1018	SLU 68	0.16	1.2	42.76	-7.6169	-0.0115	0.0578
1018	SLU 69	0.16	1.19	43.49	-7.7347	-0.0118	0.0598
1018	SLU 70	0.16	1.22	43.47	-7.731	-0.0118	0.0598
1018	SLU 71	0.16	1.18	43.2	-7.6896	-0.0117	0.0603
1018	SLU 72	0.16	1.2	43.19	-7.686	-0.0117	0.0603
1018	SLU 73	0.15	1.3	46.15	-8.1717	-0.0125	0.0546
1018	SLU 74	0.15	1.29	46.88	-8.2895	-0.0128	0.0566
1018	SLU 75	0.15	1.31	46.86	-8.2858	-0.0128	0.0566
1018	SLU 76	0.16	1.31	46.56	-8.2383	-0.0127	0.0571
1018	SLU 77	0.16	1.3	47.3	-8.3562	-0.013	0.0592
1018	SLU 78	0.16	1.32	47.28	-8.3525	-0.013	0.0592
1018	SLU 79	0.16	1.28	47.01	-8.3111	-0.013	0.0597
1018	SLU 80	0.16	1.31	46.99	-8.3074	-0.013	0.0597
1018	SLU 81	0.15	1.31	47.81	-8.4441	-0.0131	0.0543
1018	SLU 82	0.15	1.33	47.79	-8.4404	-0.0131	0.0543
1018	SLU 83	0.15	1.32	48.23	-8.5108	-0.0133	0.0568
1018	SLU 84	0.15	1.34	48.21	-8.5071	-0.0133	0.0569
1018	SLE RA 1	0.12	0.85	31.74	-5.674	-0.0085	0.0424
1018	SLE RA 2	0.12	0.88	31.72	-5.6699	-0.0085	0.0425
1018	SLE RA 3	0.12	0.87	32.21	-5.7485	-0.0087	0.0439
1018	SLE RA 4	0.12	0.89	32.19	-5.7461	-0.0087	0.0439
1018	SLE RA 5	0.12	0.89	32	-5.7144	-0.0086	0.0442
1018	SLE RA 6	0.12	0.88	32.48	-5.7929	-0.0088	0.0456
1018	SLE RA 7	0.12	0.9	32.47	-5.7905	-0.0088	0.0456
1018	SLE RA 8	0.13	0.87	32.29	-5.7629	-0.0087	0.0459
1018	SLE RA 9	0.13	0.88	32.28	-5.7605	-0.0087	0.0459
1018	SLE RA 10	0.11	0.95	34.26	-6.0843	-0.0093	0.0421
1018	SLE RA 11	0.12	0.94	34.75	-6.1628	-0.0095	0.0434
1018	SLE RA 12	0.12	0.96	34.73	-6.1604	-0.0095	0.0435
1018	SLE RA 13	0.12	0.96	34.53	-6.1287	-0.0094	0.0438
1018	SLE RA 14	0.12	0.95	35.02	-6.2072	-0.0096	0.0452
1018	SLE RA 15	0.12	0.97	35.01	-6.2048	-0.0096	0.0452
1018	SLE RA 16	0.12	0.94	34.83	-6.1772	-0.0095	0.0455
1018	SLE RA 17	0.12	0.96	34.82	-6.1748	-0.0095	0.0455
1018	SLE RA 18	0.11	0.96	35.36	-6.2659	-0.0096	0.0419
1018	SLE RA 19	0.11	0.97	35.35	-6.2634	-0.0096	0.0419
1018	SLE RA 20	0.12	0.96	35.64	-6.3103	-0.0098	0.0436
1018	SLE RA 21	0.12	0.98	35.63	-6.3079	-0.0098	0.0436
1018	SLE FR 1	0.12	0.85	31.74	-5.674	-0.0085	0.0424
1018	SLE FR 2	0.12	0.86	31.73	-5.6732	-0.0085	0.0425
1018	SLE FR 3	0.12	0.86	31.85	-5.6918	-0.0085	0.0431
1018	SLE FR 4	0.11	0.89	32.82	-5.8508	-0.0088	0.0423
1018	SLE FR 5	0.12	0.89	32.94	-5.8693	-0.0089	0.043
1018	SLE FR 6	0.11	0.9	33.55	-5.9699	-0.009	0.0422
1018	SLE QP 1	0.12	0.85	31.74	-5.674	-0.0085	0.0424
1018	SLE QP 2	0.11	0.88	32.83	-5.8516	-0.0088	0.0423
1018	SLD 1	4.23	1.45	33.02	-5.8353	0.008	1.4843
1018	SLD 2	3.83	1.44	32.93	-5.8197	0.0079	1.3436
1018	SLD 3	4.17	0.5	33.94	-5.9973	0.0076	1.4619
1018	SLD 4	3.77	0.49	33.85	-5.9816	0.0075	1.3212
1018	SLD 5	1.52	2.5	31.51	-5.6039	-0.0032	0.5341
1018	SLD 6	1.25	2.5	31.45	-5.5936	-0.0032	0.4414
1018	SLD 7	1.31	-0.68	34.57	-6.1437	-0.0045	0.4594
1018	SLD 8	1.04	-0.68	34.51	-6.1334	-0.0045	0.3668
1018	SLD 9	-0.81	2.45	31.14	-5.5698	-0.0131	-0.2822
1018	SLD 10	-1.08	2.45	31.08	-5.5595	-0.0132	-0.3749
1018	SLD 11	-1.02	-0.73	34.21	-6.1095	-0.0144	-0.3569
1018	SLD 12	-1.29	-0.73	34.14	-6.0992	-0.0145	-0.4495
1018	SLD 13	-3.54	1.28	31.8	-5.7215	-0.0252	-1.2367
1018	SLD 14	-3.94	1.27	31.71	-5.7059	-0.0252	-1.3774
1018	SLD 15	-3.6	0.33	32.72	-5.8835	-0.0255	-1.2591
1018	SLD 16	-4	0.32	32.63	-5.8678	-0.0256	-1.3998
1018	SLV 1	9.75	2.17	33.33	-5.8193	0.0305	3.4153
1018	SLV 2	8.81	2.16	33.11	-5.7829	0.0303	3.0877
1018	SLV 3	9.6	0.01	35.42	-6.1874	0.0297	3.3636
1018	SLV 4	8.66	0	35.2	-6.151	0.0295	3.036
1018	SLV 5	3.39	4.55	29.85	-5.2899	0.0044	1.1896
1018	SLV 6	2.78	4.54	29.71	-5.2663	0.0042	0.9776
1018	SLV 7	2.9	-2.65	36.8	-6.517	0.0014	1.017
1018	SLV 8	2.29	-2.66	36.66	-6.4934	0.0013	0.805
1018	SLV 9	-2.06	4.43	28.99	-5.2097	-0.0189	-0.7205
1018	SLV 10	-2.67	4.42	28.85	-5.1861	-0.019	-0.9324
1018	SLV 11	-2.55	-2.78	35.94	-6.4369	-0.0219	-0.893
1018	SLV 12	-3.16	-2.78	35.8	-6.4133	-0.022	-1.105
1018	SLV 13	-8.43	1.77	30.46	-5.5521	-0.0471	-2.9514
1018	SLV 14	-9.37	1.76	30.24	-5.5157	-0.0473	-3.279
1018	SLV 15	-8.58	-0.39	32.54	-5.9203	-0.048	-3.0032
1018	SLV 16	-9.52	-0.41	32.32	-5.8839	-0.0482	-3.3308
1018	CRTFP Ux+	0	0	0	0	0	0
1018	CRTFP Ux-	0	0	0	0	0	0
1018	CRTFP Uy+	0	0	0	0	0	0
1018	CRTFP Uy-	0	0	0	0	0	0
1019	SLU 1	0.16	0.87	31.14	-5.9022	-0.0261	0.0583
1019	SLU 2	0.16	0.91	31.11	-5.8959	-0.0261	0.0585
1019	SLU 3	0.17	0.9	31.86	-6.0251	-0.0269	0.0608



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1019	SLU 4	0.17	0.92	31.84	-6.0212	-0.0269	0.0609
1019	SLU 5	0.17	0.92	31.54	-5.9695	-0.0266	0.0613
1019	SLU 6	0.18	0.91	32.29	-6.0987	-0.0274	0.0636
1019	SLU 7	0.18	0.94	32.27	-6.0949	-0.0273	0.0637
1019	SLU 8	0.18	0.9	32	-6.0495	-0.0271	0.0639
1019	SLU 9	0.18	0.92	31.98	-6.0457	-0.0271	0.064
1019	SLU 10	0.16	1.02	35	-6.5754	-0.0299	0.0594
1019	SLU 11	0.17	1.01	35.75	-6.7046	-0.0307	0.0618
1019	SLU 12	0.17	1.04	35.73	-6.7008	-0.0307	0.0619
1019	SLU 13	0.17	1.04	35.42	-6.6491	-0.0304	0.0622
1019	SLU 14	0.18	1.03	36.17	-6.7783	-0.0312	0.0646
1019	SLU 15	0.18	1.05	36.15	-6.7745	-0.0312	0.0646
1019	SLU 16	0.18	1.01	35.88	-6.729	-0.0309	0.0649
1019	SLU 17	0.18	1.03	35.86	-6.7252	-0.0309	0.065
1019	SLU 18	0.16	1.03	36.69	-6.873	-0.0316	0.0597
1019	SLU 19	0.16	1.06	36.67	-6.8692	-0.0316	0.0598
1019	SLU 20	0.17	1.04	37.12	-6.9467	-0.0321	0.0625
1019	SLU 21	0.17	1.07	37.1	-6.9429	-0.032	0.0626
1019	SLU 22	0.16	1.03	35.11	-6.5905	-0.0299	0.0597
1019	SLU 23	0.16	1.07	35.07	-6.5841	-0.0299	0.0598
1019	SLU 24	0.17	1.06	35.82	-6.7133	-0.0306	0.0622
1019	SLU 25	0.17	1.09	35.81	-6.7095	-0.0306	0.0622
1019	SLU 26	0.17	1.08	35.5	-6.6578	-0.0304	0.0626
1019	SLU 27	0.18	1.07	36.25	-6.787	-0.0311	0.065
1019	SLU 28	0.18	1.1	36.23	-6.7831	-0.0311	0.065
1019	SLU 29	0.18	1.06	35.96	-6.7377	-0.0309	0.0653
1019	SLU 30	0.18	1.08	35.94	-6.7339	-0.0308	0.0654
1019	SLU 31	0.17	1.18	38.96	-7.2637	-0.0337	0.0608
1019	SLU 32	0.17	1.17	39.71	-7.3929	-0.0344	0.0631
1019	SLU 33	0.17	1.2	39.69	-7.3891	-0.0344	0.0632
1019	SLU 34	0.17	1.2	39.38	-7.3373	-0.0342	0.0636
1019	SLU 35	0.18	1.19	40.13	-7.4665	-0.0349	0.0659
1019	SLU 36	0.18	1.21	40.12	-7.4627	-0.0349	0.066
1019	SLU 37	0.18	1.17	39.84	-7.4173	-0.0347	0.0662
1019	SLU 38	0.18	1.19	39.82	-7.4135	-0.0347	0.0663
1019	SLU 39	0.17	1.19	40.65	-7.5613	-0.0353	0.061
1019	SLU 40	0.17	1.22	40.63	-7.5575	-0.0353	0.0611
1019	SLU 41	0.17	1.21	41.08	-7.6349	-0.0358	0.0638
1019	SLU 42	0.17	1.23	41.06	-7.6311	-0.0358	0.0639
1019	SLU 43	0.21	1.08	39.13	-7.4369	-0.0327	0.0754
1019	SLU 44	0.21	1.12	39.1	-7.4306	-0.0327	0.0755
1019	SLU 45	0.21	1.11	39.85	-7.5597	-0.0334	0.0779
1019	SLU 46	0.21	1.13	39.83	-7.5559	-0.0334	0.0779
1019	SLU 47	0.22	1.13	39.53	-7.5042	-0.0332	0.0783
1019	SLU 48	0.22	1.12	40.28	-7.6334	-0.0339	0.0807
1019	SLU 49	0.22	1.14	40.26	-7.6296	-0.0339	0.0807
1019	SLU 50	0.22	1.1	39.98	-7.5842	-0.0337	0.081
1019	SLU 51	0.22	1.13	39.97	-7.5804	-0.0336	0.0811
1019	SLU 52	0.21	1.23	42.98	-8.1101	-0.0365	0.0765
1019	SLU 53	0.22	1.22	43.73	-8.2393	-0.0372	0.0788
1019	SLU 54	0.22	1.24	43.71	-8.2355	-0.0372	0.0789
1019	SLU 55	0.22	1.24	43.41	-8.1838	-0.037	0.0793
1019	SLU 56	0.22	1.23	44.16	-8.313	-0.0377	0.0816
1019	SLU 57	0.22	1.26	44.14	-8.3091	-0.0377	0.0817
1019	SLU 58	0.23	1.21	43.87	-8.2637	-0.0375	0.0819
1019	SLU 59	0.23	1.24	43.85	-8.2599	-0.0374	0.082
1019	SLU 60	0.21	1.24	44.68	-8.4077	-0.0381	0.0767
1019	SLU 61	0.21	1.26	44.66	-8.4039	-0.0381	0.0768
1019	SLU 62	0.22	1.25	45.1	-8.4814	-0.0386	0.0795
1019	SLU 63	0.22	1.27	45.09	-8.4775	-0.0386	0.0796
1019	SLU 64	0.21	1.24	43.09	-8.1252	-0.0364	0.0767
1019	SLU 65	0.21	1.28	43.06	-8.1188	-0.0364	0.0769
1019	SLU 66	0.22	1.27	43.81	-8.248	-0.0372	0.0792
1019	SLU 67	0.22	1.29	43.79	-8.2442	-0.0372	0.0793
1019	SLU 68	0.22	1.29	43.49	-8.1924	-0.0369	0.0797
1019	SLU 69	0.23	1.28	44.24	-8.3216	-0.0377	0.082
1019	SLU 70	0.23	1.3	44.22	-8.3178	-0.0377	0.0821
1019	SLU 71	0.23	1.26	43.95	-8.2724	-0.0374	0.0823
1019	SLU 72	0.23	1.29	43.93	-8.2686	-0.0374	0.0824
1019	SLU 73	0.21	1.39	46.94	-8.7984	-0.0402	0.0778
1019	SLU 74	0.22	1.38	47.69	-8.9276	-0.041	0.0802
1019	SLU 75	0.22	1.4	47.67	-8.9238	-0.041	0.0802
1019	SLU 76	0.22	1.4	47.37	-8.872	-0.0407	0.0806
1019	SLU 77	0.23	1.39	48.12	-9.0012	-0.0415	0.083
1019	SLU 78	0.23	1.42	48.1	-8.9974	-0.0415	0.083
1019	SLU 79	0.23	1.38	47.83	-8.952	-0.0412	0.0833
1019	SLU 80	0.23	1.4	47.81	-8.9482	-0.0412	0.0833
1019	SLU 81	0.21	1.4	48.64	-9.096	-0.0419	0.0781
1019	SLU 82	0.21	1.42	48.62	-9.0922	-0.0419	0.0782
1019	SLU 83	0.22	1.41	49.07	-9.1696	-0.0424	0.0809
1019	SLU 84	0.22	1.44	49.05	-9.1658	-0.0424	0.081
1019	SLE RA 1	0.16	0.92	32.28	-6.0989	-0.0272	0.0587
1019	SLE RA 2	0.16	0.94	32.26	-6.0946	-0.0272	0.0588
1019	SLE RA 3	0.17	0.94	32.76	-6.1808	-0.0277	0.0604
1019	SLE RA 4	0.17	0.95	32.74	-6.1782	-0.0277	0.0604
1019	SLE RA 5	0.17	0.95	32.54	-6.1437	-0.0275	0.0607
1019	SLE RA 6	0.17	0.95	33.04	-6.2298	-0.028	0.0622
1019	SLE RA 7	0.17	0.96	33.03	-6.2273	-0.028	0.0623
1019	SLE RA 8	0.17	0.93	32.85	-6.197	-0.0279	0.0625



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1019	SLE RA 9	0.17	0.95	32.83	-6.1945	-0.0278	0.0625
1019	SLE RA 10	0.16	1.02	34.84	-6.5477	-0.0297	0.0594
1019	SLE RA 11	0.17	1.01	35.34	-6.6338	-0.0302	0.061
1019	SLE RA 12	0.17	1.03	35.33	-6.6313	-0.0302	0.0611
1019	SLE RA 13	0.17	1.03	35.13	-6.5968	-0.0301	0.0613
1019	SLE RA 14	0.17	1.02	35.63	-6.6829	-0.0306	0.0629
1019	SLE RA 15	0.17	1.04	35.62	-6.6804	-0.0306	0.0629
1019	SLE RA 16	0.17	1.01	35.43	-6.6501	-0.0304	0.0631
1019	SLE RA 17	0.17	1.02	35.42	-6.6475	-0.0304	0.0631
1019	SLE RA 18	0.16	1.02	35.97	-6.7461	-0.0308	0.0596
1019	SLE RA 19	0.16	1.04	35.96	-6.7435	-0.0308	0.0597
1019	SLE RA 20	0.17	1.03	36.26	-6.7952	-0.0312	0.0615
1019	SLE RA 21	0.17	1.05	36.25	-6.7926	-0.0311	0.0615
1019	SLE FR 1	0.16	0.92	32.28	-6.0989	-0.0272	0.0587
1019	SLE FR 2	0.16	0.92	32.27	-6.098	-0.0272	0.0587
1019	SLE FR 3	0.16	0.92	32.39	-6.1185	-0.0273	0.0595
1019	SLE FR 4	0.16	0.95	33.38	-6.2922	-0.0283	0.059
1019	SLE FR 5	0.16	0.95	33.5	-6.3127	-0.0284	0.0597
1019	SLE FR 6	0.16	0.97	34.13	-6.4225	-0.029	0.0592
1019	SLE QP 1	0.16	0.92	32.28	-6.0989	-0.0272	0.0587
1019	SLE QP 2	0.16	0.95	33.39	-6.293	-0.0283	0.059
1019	SLD 1	4.28	1.53	32.72	-6.1045	-0.0116	1.5007
1019	SLD 2	3.88	1.54	32.63	-6.0896	-0.0116	1.36
1019	SLD 3	4.22	0.58	33.66	-6.2784	-0.0127	1.4785
1019	SLD 4	3.81	0.58	33.57	-6.2635	-0.0127	1.3378
1019	SLD 5	1.57	2.58	31.78	-5.9754	-0.0216	0.5504
1019	SLD 6	1.3	2.58	31.72	-5.9656	-0.0216	0.4578
1019	SLD 7	1.35	-0.62	34.91	-6.5551	-0.0253	0.4764
1019	SLD 8	1.09	-0.61	34.85	-6.5453	-0.0253	0.3838
1019	SLD 9	-0.77	2.51	31.92	-6.0408	-0.0313	-0.2657
1019	SLD 10	-1.03	2.52	31.86	-6.031	-0.0313	-0.3584
1019	SLD 11	-0.98	-0.68	35.05	-6.6205	-0.035	-0.3398
1019	SLD 12	-1.24	-0.68	34.99	-6.6107	-0.035	-0.4324
1019	SLD 13	-3.49	1.32	33.2	-6.3225	-0.0439	-1.2198
1019	SLD 14	-3.89	1.32	33.11	-6.3076	-0.0439	-1.3605
1019	SLD 15	-3.55	0.36	34.14	-6.4964	-0.045	-1.242
1019	SLD 16	-3.95	0.36	34.05	-6.4816	-0.045	-1.3827
1019	SLV 1	9.79	2.29	31.83	-5.8562	0.0108	3.4313
1019	SLV 2	8.85	2.3	31.62	-5.8216	0.0107	3.1037
1019	SLV 3	9.65	0.11	33.96	-6.2513	0.0083	3.38
1019	SLV 4	8.71	0.13	33.75	-6.2167	0.0082	3.0524
1019	SLV 5	3.44	4.64	29.72	-5.5689	-0.0128	1.2054
1019	SLV 6	2.83	4.65	29.58	-5.5465	-0.0129	0.9934
1019	SLV 7	2.95	-2.6	36.83	-6.8856	-0.0211	1.0343
1019	SLV 8	2.34	-2.59	36.69	-6.8632	-0.0211	0.8223
1019	SLV 9	-2.02	4.49	30.08	-5.7228	-0.0355	-0.7043
1019	SLV 10	-2.63	4.5	29.94	-5.7004	-0.0355	-0.9163
1019	SLV 11	-2.5	-2.75	37.19	-7.0396	-0.0437	-0.8754
1019	SLV 12	-3.11	-2.74	37.05	-7.0172	-0.0438	-1.0874
1019	SLV 13	-8.38	1.77	33.02	-6.3694	-0.0648	-2.9344
1019	SLV 14	-9.32	1.79	32.81	-6.3348	-0.0649	-3.262
1019	SLV 15	-8.53	-0.4	35.16	-6.7644	-0.0673	-2.9857
1019	SLV 16	-9.47	-0.39	34.94	-6.7298	-0.0674	-3.3133
1019	CRTFP Ux+	0	0	0	0	0	0
1019	CRTFP Ux-	0	0	0	0	0	0
1019	CRTFP Uy+	0	0	0	0	0	0
1019	CRTFP Uy-	0	0	0	0	0	0
1020	SLU 1	0.2	0.94	32.17	-6.7018	-0.0417	0.0739
1020	SLU 2	0.21	0.98	32.14	-6.6949	-0.0417	0.0741
1020	SLU 3	0.21	0.97	32.91	-6.8457	-0.0428	0.0768
1020	SLU 4	0.21	0.99	32.9	-6.8416	-0.0428	0.0769
1020	SLU 5	0.21	0.99	32.58	-6.7815	-0.0424	0.0771
1020	SLU 6	0.22	0.98	33.36	-6.9323	-0.0436	0.0798
1020	SLU 7	0.22	1.01	33.34	-6.9282	-0.0435	0.0799
1020	SLU 8	0.22	0.96	33.06	-6.8749	-0.0431	0.0799
1020	SLU 9	0.22	0.99	33.04	-6.8708	-0.0431	0.08
1020	SLU 10	0.21	1.1	36.17	-7.488	-0.0477	0.0766
1020	SLU 11	0.22	1.09	36.95	-7.6388	-0.0489	0.0793
1020	SLU 12	0.22	1.11	36.93	-7.6347	-0.0489	0.0794
1020	SLU 13	0.22	1.11	36.61	-7.5746	-0.0484	0.0796
1020	SLU 14	0.23	1.1	37.39	-7.7254	-0.0496	0.0822
1020	SLU 15	0.23	1.13	37.37	-7.7213	-0.0496	0.0824
1020	SLU 16	0.23	1.08	37.09	-7.668	-0.0492	0.0824
1020	SLU 17	0.23	1.11	37.07	-7.6639	-0.0492	0.0825
1020	SLU 18	0.21	1.11	37.93	-7.8347	-0.0503	0.0775
1020	SLU 19	0.21	1.13	37.91	-7.8306	-0.0503	0.0776
1020	SLU 20	0.22	1.12	38.37	-7.9213	-0.0511	0.0805
1020	SLU 21	0.22	1.14	38.35	-7.9172	-0.051	0.0806
1020	SLU 22	0.21	1.11	36.28	-7.504	-0.0477	0.0768
1020	SLU 23	0.21	1.15	36.24	-7.4972	-0.0477	0.077
1020	SLU 24	0.22	1.14	37.02	-7.648	-0.0489	0.0797
1020	SLU 25	0.22	1.16	37	-7.6439	-0.0488	0.0798
1020	SLU 26	0.22	1.16	36.69	-7.5838	-0.0484	0.08
1020	SLU 27	0.23	1.15	37.47	-7.7346	-0.0496	0.0826
1020	SLU 28	0.23	1.17	37.45	-7.7305	-0.0496	0.0828
1020	SLU 29	0.23	1.13	37.17	-7.6772	-0.0492	0.0828
1020	SLU 30	0.23	1.16	37.15	-7.6731	-0.0491	0.0829
1020	SLU 31	0.22	1.26	40.28	-8.2902	-0.0537	0.0795
1020	SLU 32	0.23	1.26	41.06	-8.441	-0.0549	0.0821



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1020	SLU 33	0.23	1.28	41.04	-8.437	-0.0549	0.0822
1020	SLU 34	0.23	1.28	40.72	-8.3768	-0.0545	0.0825
1020	SLU 35	0.24	1.27	41.5	-8.5276	-0.0556	0.0851
1020	SLU 36	0.24	1.29	41.48	-8.5235	-0.0556	0.0852
1020	SLU 37	0.24	1.25	41.2	-8.4703	-0.0552	0.0853
1020	SLU 38	0.24	1.27	41.18	-8.4662	-0.0552	0.0854
1020	SLU 39	0.22	1.28	42.04	-8.637	-0.0564	0.0803
1020	SLU 40	0.22	1.3	42.02	-8.6329	-0.0563	0.0805
1020	SLU 41	0.23	1.29	42.48	-8.7235	-0.0571	0.0833
1020	SLU 42	0.23	1.31	42.46	-8.7195	-0.0571	0.0835
1020	SLU 43	0.26	1.16	40.41	-8.4372	-0.0522	0.0951
1020	SLU 44	0.26	1.2	40.38	-8.4304	-0.0521	0.0953
1020	SLU 45	0.27	1.19	41.16	-8.5812	-0.0533	0.098
1020	SLU 46	0.27	1.22	41.14	-8.5771	-0.0533	0.0981
1020	SLU 47	0.27	1.21	40.82	-8.517	-0.0528	0.0983
1020	SLU 48	0.28	1.21	41.6	-8.6678	-0.054	0.101
1020	SLU 49	0.28	1.23	41.58	-8.6637	-0.054	0.1011
1020	SLU 50	0.28	1.19	41.3	-8.6104	-0.0536	0.1011
1020	SLU 51	0.28	1.21	41.28	-8.6063	-0.0536	0.1012
1020	SLU 52	0.27	1.32	44.41	-9.2235	-0.0582	0.0978
1020	SLU 53	0.28	1.31	45.19	-9.3743	-0.0593	0.1004
1020	SLU 54	0.28	1.34	45.17	-9.3702	-0.0593	0.1006
1020	SLU 55	0.28	1.33	44.85	-9.31	-0.0589	0.1008
1020	SLU 56	0.29	1.32	45.63	-9.4608	-0.0601	0.1034
1020	SLU 57	0.29	1.35	45.61	-9.4568	-0.06	0.1036
1020	SLU 58	0.29	1.31	45.33	-9.4035	-0.0596	0.1036
1020	SLU 59	0.29	1.33	45.31	-9.3994	-0.0596	0.1037
1020	SLU 60	0.27	1.33	46.17	-9.5702	-0.0608	0.0987
1020	SLU 61	0.27	1.36	46.15	-9.5661	-0.0608	0.0988
1020	SLU 62	0.28	1.34	46.61	-9.6568	-0.0615	0.1017
1020	SLU 63	0.28	1.37	46.59	-9.6527	-0.0615	0.1018
1020	SLU 64	0.27	1.33	44.52	-9.2395	-0.0582	0.098
1020	SLU 65	0.27	1.37	44.49	-9.2326	-0.0581	0.0982
1020	SLU 66	0.28	1.36	45.27	-9.3835	-0.0593	0.1008
1020	SLU 67	0.28	1.38	45.25	-9.3794	-0.0593	0.101
1020	SLU 68	0.28	1.38	44.93	-9.3192	-0.0589	0.1012
1020	SLU 69	0.29	1.37	45.71	-9.47	-0.06	0.1038
1020	SLU 70	0.29	1.4	45.69	-9.4659	-0.06	0.104
1020	SLU 71	0.29	1.36	45.41	-9.4127	-0.0596	0.104
1020	SLU 72	0.29	1.38	45.39	-9.4086	-0.0596	0.1041
1020	SLU 73	0.28	1.49	48.52	-10.0257	-0.0642	0.1007
1020	SLU 74	0.29	1.48	49.3	-10.1765	-0.0654	0.1033
1020	SLU 75	0.29	1.5	49.28	-10.1724	-0.0653	0.1034
1020	SLU 76	0.29	1.5	48.96	-10.1123	-0.0649	0.1037
1020	SLU 77	0.29	1.49	49.74	-10.2631	-0.0661	0.1063
1020	SLU 78	0.29	1.52	49.72	-10.259	-0.0661	0.1064
1020	SLU 79	0.29	1.47	49.44	-10.2057	-0.0657	0.1065
1020	SLU 80	0.29	1.5	49.42	-10.2016	-0.0656	0.1066
1020	SLU 81	0.28	1.5	50.28	-10.3724	-0.0668	0.1015
1020	SLU 82	0.28	1.52	50.26	-10.3683	-0.0668	0.1017
1020	SLU 83	0.29	1.51	50.72	-10.459	-0.0675	0.1045
1020	SLU 84	0.29	1.54	50.7	-10.4549	-0.0675	0.1046
1020	SLE RA 1	0.21	0.99	33.34	-6.931	-0.0434	0.0748
1020	SLE RA 2	0.21	1.01	33.32	-6.9264	-0.0434	0.0749
1020	SLE RA 3	0.21	1.01	33.84	-7.027	-0.0442	0.0766
1020	SLE RA 4	0.21	1.02	33.83	-7.0242	-0.0442	0.0767
1020	SLE RA 5	0.21	1.02	33.62	-6.9841	-0.0439	0.0769
1020	SLE RA 6	0.22	1.02	34.14	-7.0847	-0.0447	0.0786
1020	SLE RA 7	0.22	1.03	34.12	-7.0819	-0.0447	0.0787
1020	SLE RA 8	0.22	1	33.94	-7.0464	-0.0444	0.0787
1020	SLE RA 9	0.22	1.02	33.92	-7.0437	-0.0444	0.0788
1020	SLE RA 10	0.21	1.09	36.01	-7.4551	-0.0474	0.0765
1020	SLE RA 11	0.22	1.09	36.53	-7.5557	-0.0482	0.0783
1020	SLE RA 12	0.22	1.1	36.51	-7.5529	-0.0482	0.0784
1020	SLE RA 13	0.22	1.1	36.31	-7.5129	-0.0479	0.0785
1020	SLE RA 14	0.22	1.09	36.82	-7.6134	-0.0487	0.0803
1020	SLE RA 15	0.22	1.11	36.81	-7.6107	-0.0487	0.0804
1020	SLE RA 16	0.22	1.08	36.62	-7.5751	-0.0484	0.0804
1020	SLE RA 17	0.22	1.1	36.61	-7.5724	-0.0484	0.0805
1020	SLE RA 18	0.21	1.1	37.18	-7.6863	-0.0492	0.0771
1020	SLE RA 19	0.21	1.11	37.17	-7.6835	-0.0492	0.0772
1020	SLE RA 20	0.22	1.11	37.48	-7.744	-0.0497	0.0791
1020	SLE RA 21	0.22	1.12	37.47	-7.7413	-0.0497	0.0792
1020	SLE FR 1	0.21	0.99	33.34	-6.931	-0.0434	0.0748
1020	SLE FR 2	0.21	0.99	33.34	-6.9301	-0.0434	0.0748
1020	SLE FR 3	0.21	0.99	33.46	-6.9541	-0.0436	0.0755
1020	SLE FR 4	0.21	1.02	34.49	-7.1566	-0.0452	0.0755
1020	SLE FR 5	0.21	1.02	34.61	-7.1806	-0.0453	0.0763
1020	SLE FR 6	0.21	1.04	35.26	-7.3086	-0.0463	0.0759
1020	SLE QP 1	0.21	0.99	33.34	-6.931	-0.0434	0.0748
1020	SLE QP 2	0.21	1.02	34.49	-7.1576	-0.0452	0.0755
1020	SLD 1	4.32	1.62	33.59	-6.815	-0.0286	1.5155
1020	SLD 2	3.92	1.64	33.5	-6.7994	-0.0286	1.375
1020	SLD 3	4.26	0.65	34.57	-7.0116	-0.0302	1.4936
1020	SLD 4	3.86	0.67	34.48	-6.996	-0.0302	1.353
1020	SLD 5	1.61	2.67	32.76	-6.7593	-0.0377	0.566
1020	SLD 6	1.34	2.68	32.69	-6.749	-0.0377	0.4734
1020	SLD 7	1.4	-0.56	36.02	-7.4148	-0.0432	0.4928
1020	SLD 8	1.14	-0.55	35.95	-7.4046	-0.0431	0.4002



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1020	SLD 9	-0.72	2.59	33.03	-6.9105	-0.0472	-0.2493
1020	SLD 10	-0.98	2.6	32.97	-6.9003	-0.0472	-0.3418
1020	SLD 11	-0.93	-0.64	36.29	-7.5661	-0.0526	-0.3225
1020	SLD 12	-1.19	-0.63	36.23	-7.5558	-0.0526	-0.4151
1020	SLD 13	-3.44	1.37	34.51	-7.3191	-0.0601	-1.2021
1020	SLD 14	-3.84	1.38	34.42	-7.3035	-0.0601	-1.3426
1020	SLD 15	-3.5	0.4	35.49	-7.5157	-0.0617	-1.224
1020	SLD 16	-3.9	0.42	35.4	-7.5002	-0.0617	-1.3646
1020	SLV 1	9.83	2.4	32.39	-6.3613	-0.0065	3.4439
1020	SLV 2	8.89	2.44	32.17	-6.325	-0.0064	3.1165
1020	SLV 3	9.69	0.2	34.61	-6.8074	-0.0102	3.3931
1020	SLV 4	8.75	0.25	34.39	-6.7711	-0.0101	3.0658
1020	SLV 5	3.48	4.76	30.54	-6.2483	-0.028	1.2198
1020	SLV 6	2.87	4.78	30.4	-6.2248	-0.0279	1.008
1020	SLV 7	3	-2.56	37.93	-7.7355	-0.0403	1.0506
1020	SLV 8	2.39	-2.54	37.79	-7.712	-0.0402	0.8387
1020	SLV 9	-1.97	4.58	31.2	-6.6031	-0.0501	-0.6878
1020	SLV 10	-2.58	4.6	31.06	-6.5796	-0.05	-0.8997
1020	SLV 11	-2.45	-2.75	38.59	-8.0903	-0.0624	-0.8571
1020	SLV 12	-3.06	-2.72	38.45	-8.0669	-0.0624	-1.0689
1020	SLV 13	-8.33	1.79	34.6	-7.544	-0.0802	-2.9149
1020	SLV 14	-9.27	1.84	34.38	-7.5077	-0.0802	-3.2422
1020	SLV 15	-8.47	-0.4	36.81	-7.9902	-0.0839	-2.9656
1020	SLV 16	-9.41	-0.36	36.6	-7.9539	-0.0838	-3.293
1020	CRTFP Ux+	0	0	0	0	0	0
1020	CRTFP Ux-	0	0	0	0	0	0
1020	CRTFP Uy+	0	0	0	0	0	0
1020	CRTFP Uy-	0	0	0	0	0	0
1021	SLU 1	0.25	1	33.59	-7.8351	-0.0527	0.0893
1021	SLU 2	0.25	1.04	33.56	-7.8277	-0.0527	0.0895
1021	SLU 3	0.26	1.04	34.38	-8.0087	-0.0541	0.0925
1021	SLU 4	0.26	1.06	34.36	-8.0043	-0.0541	0.0926
1021	SLU 5	0.26	1.06	34.03	-7.9323	-0.0536	0.0927
1021	SLU 6	0.27	1.05	34.85	-8.1134	-0.055	0.0957
1021	SLU 7	0.27	1.07	34.83	-8.1089	-0.055	0.0958
1021	SLU 8	0.27	1.03	34.53	-8.0444	-0.0545	0.0956
1021	SLU 9	0.27	1.06	34.51	-8.04	-0.0545	0.0958
1021	SLU 10	0.26	1.17	37.8	-8.7813	-0.0603	0.0935
1021	SLU 11	0.27	1.16	38.62	-8.9624	-0.0618	0.0964
1021	SLU 12	0.27	1.19	38.6	-8.9579	-0.0618	0.0966
1021	SLU 13	0.27	1.18	38.27	-8.886	-0.0612	0.0967
1021	SLU 14	0.28	1.18	39.09	-9.067	-0.0627	0.0996
1021	SLU 15	0.28	1.2	39.07	-9.0626	-0.0626	0.0998
1021	SLU 16	0.28	1.16	38.77	-8.998	-0.0621	0.0996
1021	SLU 17	0.28	1.18	38.75	-8.9936	-0.0621	0.0998
1021	SLU 18	0.26	1.18	39.65	-9.1974	-0.0636	0.0949
1021	SLU 19	0.26	1.21	39.63	-9.193	-0.0636	0.0951
1021	SLU 20	0.27	1.2	40.12	-9.3021	-0.0645	0.0981
1021	SLU 21	0.27	1.22	40.1	-9.2976	-0.0645	0.0983
1021	SLU 22	0.26	1.18	37.91	-8.7989	-0.0603	0.0937
1021	SLU 23	0.26	1.22	37.88	-8.7915	-0.0603	0.0939
1021	SLU 24	0.27	1.21	38.69	-8.9726	-0.0618	0.0969
1021	SLU 25	0.27	1.23	38.68	-8.9681	-0.0617	0.097
1021	SLU 26	0.27	1.23	38.35	-8.8962	-0.0612	0.0971
1021	SLU 27	0.28	1.22	39.16	-9.0772	-0.0626	0.1
1021	SLU 28	0.28	1.25	39.14	-9.0728	-0.0626	0.1002
1021	SLU 29	0.28	1.21	38.85	-9.0082	-0.0621	0.1
1021	SLU 30	0.28	1.23	38.83	-9.0038	-0.0621	0.1002
1021	SLU 31	0.27	1.34	42.11	-9.7452	-0.0679	0.0979
1021	SLU 32	0.28	1.34	42.93	-9.9262	-0.0694	0.1008
1021	SLU 33	0.28	1.36	42.91	-9.9218	-0.0694	0.101
1021	SLU 34	0.28	1.36	42.58	-9.8498	-0.0688	0.1011
1021	SLU 35	0.29	1.35	43.4	-10.0309	-0.0703	0.104
1021	SLU 36	0.29	1.37	43.38	-10.0264	-0.0702	0.1042
1021	SLU 37	0.29	1.33	43.09	-9.9619	-0.0697	0.104
1021	SLU 38	0.29	1.36	43.07	-9.9574	-0.0697	0.1041
1021	SLU 39	0.28	1.36	43.96	-10.1613	-0.0712	0.0993
1021	SLU 40	0.28	1.38	43.94	-10.1568	-0.0712	0.0995
1021	SLU 41	0.29	1.37	44.43	-10.2659	-0.0721	0.1025
1021	SLU 42	0.29	1.4	44.41	-10.2615	-0.0721	0.1027
1021	SLU 43	0.32	1.24	42.19	-9.8552	-0.066	0.1146
1021	SLU 44	0.32	1.28	42.16	-9.8478	-0.0659	0.1148
1021	SLU 45	0.33	1.28	42.98	-10.0288	-0.0674	0.1178
1021	SLU 46	0.33	1.3	42.96	-10.0244	-0.0673	0.1179
1021	SLU 47	0.33	1.3	42.63	-9.9524	-0.0668	0.118
1021	SLU 48	0.34	1.29	43.45	-10.1334	-0.0682	0.121
1021	SLU 49	0.34	1.32	43.43	-10.129	-0.0682	0.1211
1021	SLU 50	0.34	1.27	43.13	-10.0645	-0.0677	0.1209
1021	SLU 51	0.34	1.3	43.11	-10.06	-0.0677	0.1211
1021	SLU 52	0.33	1.41	46.4	-10.8014	-0.0735	0.1188
1021	SLU 53	0.34	1.4	47.22	-10.9824	-0.075	0.1217
1021	SLU 54	0.34	1.43	47.2	-10.978	-0.075	0.1219
1021	SLU 55	0.34	1.42	46.87	-10.906	-0.0744	0.122
1021	SLU 56	0.35	1.42	47.69	-11.0871	-0.0759	0.1249
1021	SLU 57	0.35	1.44	47.67	-11.0826	-0.0759	0.1251
1021	SLU 58	0.35	1.4	47.37	-11.0181	-0.0753	0.1249
1021	SLU 59	0.35	1.42	47.35	-11.0137	-0.0753	0.1251
1021	SLU 60	0.34	1.42	48.25	-11.2175	-0.0768	0.1202
1021	SLU 61	0.34	1.45	48.23	-11.2131	-0.0768	0.1204



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1021	SLU 62	0.34	1.44	48.72	-11.3221	-0.0777	0.1234
1021	SLU 63	0.34	1.46	48.7	-11.3177	-0.0777	0.1236
1021	SLU 64	0.33	1.42	46.51	-10.819	-0.0736	0.1189
1021	SLU 65	0.33	1.46	46.48	-10.8116	-0.0735	0.1192
1021	SLU 66	0.34	1.45	47.29	-10.9926	-0.075	0.1221
1021	SLU 67	0.34	1.48	47.27	-10.9882	-0.0749	0.1223
1021	SLU 68	0.34	1.47	46.95	-10.9163	-0.0744	0.1224
1021	SLU 69	0.35	1.46	47.76	-11.0973	-0.0758	0.1253
1021	SLU 70	0.35	1.49	47.74	-11.0928	-0.0758	0.1255
1021	SLU 71	0.35	1.45	47.45	-11.0283	-0.0753	0.1253
1021	SLU 72	0.35	1.47	47.43	-11.0239	-0.0753	0.1255
1021	SLU 73	0.34	1.58	50.71	-11.7652	-0.0812	0.1232
1021	SLU 74	0.35	1.58	51.53	-11.9463	-0.0826	0.1261
1021	SLU 75	0.35	1.6	51.51	-11.9418	-0.0826	0.1263
1021	SLU 76	0.35	1.6	51.18	-11.8699	-0.082	0.1263
1021	SLU 77	0.36	1.59	52	-12.0509	-0.0835	0.1293
1021	SLU 78	0.36	1.62	51.98	-12.0465	-0.0835	0.1294
1021	SLU 79	0.36	1.57	51.69	-11.9819	-0.0829	0.1293
1021	SLU 80	0.36	1.6	51.67	-11.9775	-0.0829	0.1294
1021	SLU 81	0.35	1.6	52.56	-12.1813	-0.0845	0.1246
1021	SLU 82	0.35	1.62	52.54	-12.1769	-0.0844	0.1248
1021	SLU 83	0.36	1.61	53.03	-12.286	-0.0853	0.1278
1021	SLU 84	0.36	1.64	53.01	-12.2815	-0.0853	0.1279
1021	SLE RA 1	0.25	1.05	34.83	-8.1105	-0.0549	0.0905
1021	SLE RA 2	0.25	1.08	34.81	-8.1055	-0.0549	0.0907
1021	SLE RA 3	0.26	1.07	35.35	-8.2262	-0.0559	0.0927
1021	SLE RA 4	0.26	1.09	35.34	-8.2233	-0.0558	0.0928
1021	SLE RA 5	0.26	1.09	35.12	-8.1753	-0.0555	0.0928
1021	SLE RA 6	0.26	1.08	35.66	-8.296	-0.0564	0.0948
1021	SLE RA 7	0.26	1.1	35.65	-8.293	-0.0564	0.0949
1021	SLE RA 8	0.26	1.07	35.45	-8.25	-0.0561	0.0948
1021	SLE RA 9	0.26	1.09	35.44	-8.2471	-0.0561	0.0949
1021	SLE RA 10	0.26	1.16	37.63	-8.7413	-0.06	0.0933
1021	SLE RA 11	0.27	1.16	38.18	-8.862	-0.0609	0.0953
1021	SLE RA 12	0.27	1.17	38.16	-8.859	-0.0609	0.0954
1021	SLE RA 13	0.27	1.17	37.94	-8.8111	-0.0606	0.0955
1021	SLE RA 14	0.27	1.17	38.49	-8.9318	-0.0615	0.0974
1021	SLE RA 15	0.27	1.18	38.48	-8.9288	-0.0615	0.0975
1021	SLE RA 16	0.27	1.16	38.28	-8.8858	-0.0612	0.0974
1021	SLE RA 17	0.27	1.17	38.27	-8.8828	-0.0612	0.0975
1021	SLE RA 18	0.26	1.17	38.86	-9.0187	-0.0622	0.0943
1021	SLE RA 19	0.26	1.19	38.85	-9.0157	-0.0622	0.0944
1021	SLE RA 20	0.27	1.18	39.18	-9.0885	-0.0628	0.0964
1021	SLE RA 21	0.27	1.2	39.16	-9.0855	-0.0627	0.0965
1021	SLE FR 1	0.25	1.05	34.83	-8.1105	-0.0549	0.0905
1021	SLE FR 2	0.25	1.06	34.82	-8.1095	-0.0549	0.0906
1021	SLE FR 3	0.25	1.06	34.95	-8.1384	-0.0551	0.0914
1021	SLE FR 4	0.26	1.09	36.03	-8.382	-0.0571	0.0917
1021	SLE FR 5	0.26	1.09	36.16	-8.4109	-0.0573	0.0925
1021	SLE FR 6	0.26	1.11	36.85	-8.5646	-0.0585	0.0924
1021	SLE QP 1	0.25	1.05	34.83	-8.1105	-0.0549	0.0905
1021	SLE QP 2	0.26	1.09	36.04	-8.3829	-0.0571	0.0917
1021	SLD 1	4.36	1.7	34.68	-7.8985	-0.041	1.5288
1021	SLD 2	3.96	1.73	34.58	-7.881	-0.0409	1.3884
1021	SLD 3	4.3	0.71	35.71	-8.1254	-0.0428	1.5072
1021	SLD 4	3.9	0.75	35.61	-8.1078	-0.0428	1.3667
1021	SLD 5	1.65	2.76	34.09	-7.8967	-0.0494	0.5809
1021	SLD 6	1.39	2.78	34.03	-7.8851	-0.0494	0.4884
1021	SLD 7	1.45	-0.52	37.51	-8.6529	-0.0556	0.5086
1021	SLD 8	1.18	-0.5	37.45	-8.6413	-0.0556	0.4161
1021	SLD 9	-0.67	2.68	34.63	-8.1246	-0.0586	-0.2328
1021	SLD 10	-0.94	2.7	34.56	-8.113	-0.0585	-0.3253
1021	SLD 11	-0.88	-0.6	38.05	-8.8808	-0.0648	-0.3051
1021	SLD 12	-1.14	-0.58	37.99	-8.8692	-0.0647	-0.3976
1021	SLD 13	-3.39	1.43	36.47	-8.6581	-0.0714	-1.1834
1021	SLD 14	-3.79	1.46	36.37	-8.6405	-0.0714	-1.3238
1021	SLD 15	-3.45	0.44	37.49	-8.8849	-0.0733	-1.2051
1021	SLD 16	-3.85	0.48	37.4	-8.8674	-0.0732	-1.3455
1021	SLV 1	9.86	2.48	32.87	-7.2558	-0.0194	3.4534
1021	SLV 2	8.93	2.56	32.65	-7.2149	-0.0193	3.1264
1021	SLV 3	9.72	0.25	35.2	-7.77	-0.0236	3.4032
1021	SLV 4	8.78	0.33	34.98	-7.7291	-0.0235	3.0763
1021	SLV 5	3.52	4.87	31.6	-7.272	-0.0394	1.2329
1021	SLV 6	2.91	4.92	31.46	-7.2455	-0.0393	1.0213
1021	SLV 7	3.04	-2.56	39.35	-8.9861	-0.0535	1.0659
1021	SLV 8	2.44	-2.51	39.21	-8.9596	-0.0534	0.8543
1021	SLV 9	-1.93	4.68	32.86	-7.8063	-0.0608	-0.671
1021	SLV 10	-2.53	4.73	32.72	-7.7798	-0.0607	-0.8826
1021	SLV 11	-2.4	-2.75	40.62	-9.5204	-0.0748	-0.838
1021	SLV 12	-3	-2.7	40.48	-9.4939	-0.0748	-1.0496
1021	SLV 13	-8.27	1.85	37.09	-9.0368	-0.0907	-2.8929
1021	SLV 14	-9.21	1.92	36.88	-8.9959	-0.0906	-3.2199
1021	SLV 15	-8.41	-0.38	39.42	-9.551	-0.0949	-2.943
1021	SLV 16	-9.35	-0.31	39.2	-9.5101	-0.0948	-3.27
1021	CRTFP Ux+	0	0	0	0	0	0
1021	CRTFP Ux-	0	0	0	0	0	0
1021	CRTFP Uy+	0	0	0	0	0	0
1021	CRTFP Uy-	0	0	0	0	0	0
1022	SLU 1	0.29	1.06	35.25	-9.2068	-0.0563	0.1046



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1022	SLU 2	0.3	1.1	35.21	-9.1989	-0.0563	0.1049
1022	SLU 3	0.3	1.09	36.08	-9.416	-0.0578	0.1081
1022	SLU 4	0.3	1.12	36.06	-9.4113	-0.0578	0.1083
1022	SLU 5	0.3	1.11	35.71	-9.3252	-0.0572	0.1083
1022	SLU 6	0.31	1.11	36.57	-9.5423	-0.0587	0.1115
1022	SLU 7	0.31	1.13	36.55	-9.5376	-0.0587	0.1117
1022	SLU 8	0.31	1.09	36.24	-9.4593	-0.0582	0.1113
1022	SLU 9	0.31	1.11	36.22	-9.4546	-0.0582	0.1115
1022	SLU 10	0.31	1.23	39.69	-10.3464	-0.0644	0.1103
1022	SLU 11	0.32	1.22	40.55	-10.5635	-0.0659	0.1136
1022	SLU 12	0.32	1.25	40.53	-10.5588	-0.0659	0.1138
1022	SLU 13	0.32	1.25	40.19	-10.4726	-0.0653	0.1137
1022	SLU 14	0.33	1.24	41.05	-10.6898	-0.0669	0.1169
1022	SLU 15	0.33	1.26	41.03	-10.6851	-0.0668	0.1171
1022	SLU 16	0.33	1.22	40.72	-10.6068	-0.0663	0.1168
1022	SLU 17	0.33	1.25	40.7	-10.6021	-0.0663	0.1169
1022	SLU 18	0.32	1.25	41.64	-10.846	-0.0679	0.1124
1022	SLU 19	0.32	1.27	41.62	-10.8413	-0.0679	0.1125
1022	SLU 20	0.33	1.26	42.14	-10.9723	-0.0689	0.1157
1022	SLU 21	0.33	1.29	42.12	-10.9676	-0.0688	0.1159
1022	SLU 22	0.31	1.24	39.8	-10.3658	-0.0644	0.1104
1022	SLU 23	0.31	1.28	39.77	-10.3579	-0.0644	0.1107
1022	SLU 24	0.32	1.27	40.63	-10.5751	-0.0659	0.114
1022	SLU 25	0.32	1.3	40.61	-10.5703	-0.0659	0.1142
1022	SLU 26	0.32	1.3	40.26	-10.4842	-0.0653	0.1141
1022	SLU 27	0.33	1.29	41.13	-10.7013	-0.0668	0.1173
1022	SLU 28	0.33	1.31	41.11	-10.6966	-0.0668	0.1175
1022	SLU 29	0.33	1.27	40.79	-10.6184	-0.0663	0.1172
1022	SLU 30	0.33	1.29	40.77	-10.6136	-0.0662	0.1173
1022	SLU 31	0.33	1.41	44.24	-11.5054	-0.0725	0.1162
1022	SLU 32	0.34	1.4	45.11	-11.7225	-0.074	0.1194
1022	SLU 33	0.34	1.43	45.09	-11.7178	-0.074	0.1196
1022	SLU 34	0.34	1.43	44.74	-11.6317	-0.0734	0.1195
1022	SLU 35	0.35	1.42	45.6	-11.8488	-0.075	0.1228
1022	SLU 36	0.35	1.45	45.58	-11.8441	-0.0749	0.123
1022	SLU 37	0.34	1.4	45.27	-11.7658	-0.0744	0.1226
1022	SLU 38	0.35	1.43	45.25	-11.7611	-0.0744	0.1228
1022	SLU 39	0.33	1.43	46.2	-12.0051	-0.076	0.1182
1022	SLU 40	0.33	1.45	46.18	-12.0003	-0.076	0.1184
1022	SLU 41	0.34	1.44	46.69	-12.1313	-0.077	0.1216
1022	SLU 42	0.34	1.47	46.67	-12.1266	-0.0769	0.1217
1022	SLU 43	0.38	1.31	44.26	-11.5714	-0.0704	0.134
1022	SLU 44	0.38	1.35	44.23	-11.5635	-0.0704	0.1343
1022	SLU 45	0.39	1.35	45.09	-11.7807	-0.0719	0.1375
1022	SLU 46	0.39	1.37	45.07	-11.776	-0.0719	0.1377
1022	SLU 47	0.39	1.37	44.72	-11.6898	-0.0713	0.1376
1022	SLU 48	0.4	1.36	45.59	-11.907	-0.0728	0.1409
1022	SLU 49	0.4	1.39	45.57	-11.9022	-0.0728	0.1411
1022	SLU 50	0.4	1.34	45.25	-11.824	-0.0723	0.1407
1022	SLU 51	0.4	1.37	45.23	-11.8192	-0.0723	0.1409
1022	SLU 52	0.39	1.49	48.7	-12.711	-0.0785	0.1397
1022	SLU 53	0.4	1.48	49.57	-12.9282	-0.0801	0.143
1022	SLU 54	0.4	1.5	49.55	-12.9234	-0.08	0.1431
1022	SLU 55	0.4	1.5	49.2	-12.8373	-0.0795	0.1431
1022	SLU 56	0.41	1.49	50.06	-13.0545	-0.081	0.1463
1022	SLU 57	0.41	1.52	50.04	-13.0497	-0.081	0.1465
1022	SLU 58	0.41	1.48	49.73	-12.9715	-0.0804	0.1461
1022	SLU 59	0.41	1.5	49.71	-12.9667	-0.0804	0.1463
1022	SLU 60	0.4	1.5	50.66	-13.2107	-0.0821	0.1417
1022	SLU 61	0.4	1.53	50.64	-13.2059	-0.082	0.1419
1022	SLU 62	0.41	1.52	51.15	-13.337	-0.083	0.1451
1022	SLU 63	0.41	1.54	51.13	-13.3322	-0.083	0.1453
1022	SLU 64	0.39	1.49	48.81	-12.7305	-0.0785	0.1398
1022	SLU 65	0.39	1.53	48.78	-12.7226	-0.0785	0.1401
1022	SLU 66	0.4	1.53	49.64	-12.9397	-0.08	0.1434
1022	SLU 67	0.4	1.55	49.62	-12.935	-0.08	0.1435
1022	SLU 68	0.4	1.55	49.28	-12.8488	-0.0794	0.1435
1022	SLU 69	0.41	1.54	50.14	-13.066	-0.0809	0.1467
1022	SLU 70	0.41	1.57	50.12	-13.0613	-0.0809	0.1469
1022	SLU 71	0.41	1.52	49.81	-12.983	-0.0804	0.1465
1022	SLU 72	0.41	1.55	49.79	-12.9783	-0.0804	0.1467
1022	SLU 73	0.41	1.67	53.26	-13.87	-0.0866	0.1456
1022	SLU 74	0.42	1.66	54.12	-14.0872	-0.0882	0.1488
1022	SLU 75	0.42	1.68	54.1	-14.0825	-0.0881	0.149
1022	SLU 76	0.42	1.68	53.75	-13.9963	-0.0876	0.1489
1022	SLU 77	0.43	1.68	54.62	-14.2135	-0.0891	0.1522
1022	SLU 78	0.43	1.7	54.6	-14.2087	-0.0891	0.1523
1022	SLU 79	0.43	1.66	54.28	-14.1305	-0.0885	0.152
1022	SLU 80	0.43	1.68	54.26	-14.1258	-0.0885	0.1522
1022	SLU 81	0.41	1.68	55.21	-14.3697	-0.0901	0.1476
1022	SLU 82	0.42	1.71	55.19	-14.365	-0.0901	0.1478
1022	SLU 83	0.42	1.7	55.71	-14.496	-0.0911	0.1509
1022	SLU 84	0.42	1.72	55.69	-14.4913	-0.0911	0.1511
1022	SLE RA 1	0.3	1.11	36.55	-9.5379	-0.0586	0.1063
1022	SLE RA 2	0.3	1.14	36.53	-9.5327	-0.0586	0.1065
1022	SLE RA 3	0.31	1.13	37.1	-9.6774	-0.0596	0.1086
1022	SLE RA 4	0.31	1.15	37.09	-9.6743	-0.0596	0.1088
1022	SLE RA 5	0.31	1.15	36.86	-9.6168	-0.0592	0.1087
1022	SLE RA 6	0.31	1.14	37.43	-9.7616	-0.0602	0.1109



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1022	SLE RA 7	0.31	1.16	37.42	-9.7585	-0.0602	0.111
1022	SLE RA 8	0.31	1.13	37.21	-9.7063	-0.0599	0.1107
1022	SLE RA 9	0.31	1.15	37.2	-9.7031	-0.0599	0.1109
1022	SLE RA 10	0.31	1.22	39.51	-10.2976	-0.064	0.1101
1022	SLE RA 11	0.32	1.22	40.09	-10.4424	-0.065	0.1122
1022	SLE RA 12	0.32	1.24	40.07	-10.4393	-0.065	0.1124
1022	SLE RA 13	0.32	1.24	39.84	-10.3818	-0.0647	0.1123
1022	SLE RA 14	0.32	1.23	40.42	-10.5266	-0.0657	0.1145
1022	SLE RA 15	0.32	1.25	40.4	-10.5235	-0.0656	0.1146
1022	SLE RA 16	0.32	1.22	40.2	-10.4713	-0.0653	0.1144
1022	SLE RA 17	0.32	1.23	40.18	-10.4681	-0.0653	0.1145
1022	SLE RA 18	0.31	1.23	40.81	-10.6308	-0.0664	0.1114
1022	SLE RA 19	0.31	1.25	40.8	-10.6276	-0.0664	0.1116
1022	SLE RA 20	0.32	1.25	41.14	-10.715	-0.067	0.1137
1022	SLE RA 21	0.32	1.26	41.13	-10.7118	-0.067	0.1138
1022	SLE FR 1	0.3	1.11	36.55	-9.5379	-0.0586	0.1063
1022	SLE FR 2	0.3	1.11	36.54	-9.5369	-0.0586	0.1063
1022	SLE FR 3	0.3	1.11	36.68	-9.5716	-0.0589	0.1072
1022	SLE FR 4	0.3	1.15	37.82	-9.8647	-0.061	0.1079
1022	SLE FR 5	0.31	1.15	37.96	-9.8995	-0.0612	0.1087
1022	SLE FR 6	0.31	1.17	38.68	-10.0843	-0.0625	0.1088
1022	SLE QP 1	0.3	1.11	36.55	-9.5379	-0.0586	0.1063
1022	SLE QP 2	0.3	1.15	37.83	-9.8658	-0.061	0.1078
1022	SLD 1	4.34	1.74	36.01	-9.2562	-0.0458	1.5409
1022	SLD 2	3.94	1.79	35.91	-9.2361	-0.0457	1.4007
1022	SLD 3	4.4	0.74	37.09	-9.5144	-0.0474	1.5196
1022	SLD 4	4	0.79	36.99	-9.4944	-0.0474	1.3794
1022	SLD 5	1.5	2.83	35.67	-9.2949	-0.0539	0.5952
1022	SLD 6	1.23	2.86	35.6	-9.2817	-0.0539	0.5029
1022	SLD 7	1.7	-0.5	39.25	-10.1556	-0.0594	0.5241
1022	SLD 8	1.43	-0.46	39.19	-10.1424	-0.0594	0.4318
1022	SLD 9	-0.82	2.76	36.46	-9.5892	-0.0626	-0.2162
1022	SLD 10	-1.09	2.79	36.4	-9.576	-0.0625	-0.3085
1022	SLD 11	-0.62	-0.57	40.05	-10.4499	-0.068	-0.2873
1022	SLD 12	-0.89	-0.54	39.99	-10.4367	-0.068	-0.3796
1022	SLD 13	-3.39	1.5	38.66	-10.2372	-0.0745	-1.1638
1022	SLD 14	-3.8	1.55	38.57	-10.2171	-0.0745	-1.3039
1022	SLD 15	-3.33	0.5	39.74	-10.4954	-0.0762	-1.1851
1022	SLD 16	-3.73	0.55	39.65	-10.4753	-0.0761	-1.3253
1022	SLV 1	9.75	2.5	33.6	-8.4467	-0.0255	3.4599
1022	SLV 2	8.81	2.62	33.37	-8.4	-0.0254	3.1335
1022	SLV 3	9.89	0.24	36.03	-9.0318	-0.0292	3.4107
1022	SLV 4	8.95	0.36	35.81	-8.985	-0.0291	3.0842
1022	SLV 5	3.09	4.97	32.9	-8.5609	-0.0447	1.2449
1022	SLV 6	2.48	5.04	32.75	-8.5307	-0.0447	1.0336
1022	SLV 7	3.55	-2.58	41.03	-10.5109	-0.0571	1.0805
1022	SLV 8	2.95	-2.5	40.88	-10.4807	-0.057	0.8693
1022	SLV 9	-2.34	4.79	34.77	-9.2509	-0.0649	-0.6537
1022	SLV 10	-2.95	4.87	34.63	-9.2206	-0.0649	-0.8649
1022	SLV 11	-1.88	-2.75	42.9	-11.2009	-0.0772	-0.818
1022	SLV 12	-2.48	-2.67	42.76	-11.1706	-0.0772	-1.0292
1022	SLV 13	-8.35	1.93	39.84	-10.7466	-0.0928	-2.8686
1022	SLV 14	-9.28	2.05	39.62	-10.6998	-0.0927	-3.195
1022	SLV 15	-8.21	-0.33	42.28	-11.3316	-0.0965	-2.9179
1022	SLV 16	-9.14	-0.21	42.06	-11.2848	-0.0964	-3.2443
1022	CRTFP Ux+	0	0	0	0	0	0
1022	CRTFP Ux-	0	0	0	0	0	0
1022	CRTFP Uy+	0	0	0	0	0	0
1022	CRTFP Uy-	0	0	0	0	0	0
1023	SLU 1	0.31	0.99	33.42	-9.6667	0.585	0.0903
1023	SLU 2	0.31	1.03	33.39	-9.6594	0.5844	0.0899
1023	SLU 3	0.32	1.02	34.21	-9.8904	0.5987	0.0932
1023	SLU 4	0.32	1.04	34.19	-9.886	0.5984	0.093
1023	SLU 5	0.32	1.04	33.86	-9.7944	0.5926	0.0928
1023	SLU 6	0.33	1.03	34.68	-10.0255	0.6069	0.0962
1023	SLU 7	0.33	1.06	34.66	-10.0211	0.6066	0.0959
1023	SLU 8	0.33	1.01	34.37	-9.9368	0.6014	0.0962
1023	SLU 9	0.33	1.04	34.35	-9.9324	0.6011	0.096
1023	SLU 10	0.33	1.15	37.66	-10.8853	0.6585	0.0938
1023	SLU 11	0.34	1.14	38.48	-11.1163	0.6728	0.0971
1023	SLU 12	0.34	1.17	38.46	-11.1119	0.6725	0.0969
1023	SLU 13	0.34	1.16	38.13	-11.0203	0.6667	0.0967
1023	SLU 14	0.35	1.16	38.95	-11.2514	0.6811	0.1001
1023	SLU 15	0.35	1.18	38.93	-11.247	0.6807	0.0998
1023	SLU 16	0.35	1.14	38.64	-11.1628	0.6755	0.1001
1023	SLU 17	0.35	1.16	38.62	-11.1583	0.6752	0.0999
1023	SLU 18	0.33	1.16	39.52	-11.418	0.6909	0.0959
1023	SLU 19	0.34	1.19	39.5	-11.4136	0.6905	0.0956
1023	SLU 20	0.34	1.18	39.99	-11.5531	0.6991	0.0988
1023	SLU 21	0.34	1.2	39.97	-11.5487	0.6987	0.0986
1023	SLU 22	0.33	1.15	37.75	-10.9043	0.6604	0.0938
1023	SLU 23	0.33	1.19	37.72	-10.8969	0.6598	0.0934
1023	SLU 24	0.34	1.19	38.55	-11.128	0.6741	0.0967
1023	SLU 25	0.34	1.21	38.53	-11.1236	0.6738	0.0965
1023	SLU 26	0.34	1.21	38.2	-11.032	0.668	0.0963
1023	SLU 27	0.35	1.2	39.02	-11.263	0.6824	0.0996
1023	SLU 28	0.35	1.22	39	-11.2586	0.682	0.0994
1023	SLU 29	0.35	1.18	38.7	-11.1744	0.6768	0.0997
1023	SLU 30	0.35	1.21	38.68	-11.17	0.6765	0.0994



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1023	SLU 31	0.35	1.32	41.99	-12.1228	0.7339	0.0973
1023	SLU 32	0.36	1.31	42.81	-12.3539	0.7483	0.1006
1023	SLU 33	0.36	1.33	42.8	-12.3495	0.7479	0.1004
1023	SLU 34	0.36	1.33	42.47	-12.2579	0.7422	0.1002
1023	SLU 35	0.37	1.33	43.29	-12.4889	0.7565	0.1036
1023	SLU 36	0.37	1.35	43.27	-12.4845	0.7561	0.1033
1023	SLU 37	0.36	1.31	42.97	-12.4003	0.751	0.1036
1023	SLU 38	0.36	1.33	42.95	-12.3959	0.7506	0.1033
1023	SLU 39	0.35	1.33	43.85	-12.6556	0.7663	0.0993
1023	SLU 40	0.35	1.36	43.83	-12.6512	0.7659	0.0991
1023	SLU 41	0.36	1.35	44.33	-12.7907	0.7745	0.1023
1023	SLU 42	0.36	1.37	44.31	-12.7862	0.7742	0.1021
1023	SLU 43	0.4	1.22	41.96	-12.1424	0.7346	0.1162
1023	SLU 44	0.4	1.26	41.93	-12.1351	0.734	0.1158
1023	SLU 45	0.41	1.26	42.75	-12.3661	0.7483	0.1191
1023	SLU 46	0.41	1.28	42.73	-12.3617	0.748	0.1189
1023	SLU 47	0.41	1.28	42.4	-12.2701	0.7422	0.1187
1023	SLU 48	0.42	1.27	43.22	-12.5012	0.7566	0.1221
1023	SLU 49	0.42	1.29	43.2	-12.4968	0.7562	0.1218
1023	SLU 50	0.41	1.25	42.91	-12.4126	0.751	0.1221
1023	SLU 51	0.42	1.28	42.89	-12.4081	0.7507	0.1218
1023	SLU 52	0.41	1.39	46.2	-13.361	0.8081	0.1197
1023	SLU 53	0.42	1.38	47.02	-13.592	0.8225	0.123
1023	SLU 54	0.42	1.4	47	-13.5876	0.8221	0.1228
1023	SLU 55	0.42	1.4	46.67	-13.4961	0.8164	0.1226
1023	SLU 56	0.43	1.4	47.49	-13.7271	0.8307	0.126
1023	SLU 57	0.43	1.42	47.47	-13.7227	0.8303	0.1257
1023	SLU 58	0.43	1.38	47.17	-13.6385	0.8252	0.126
1023	SLU 59	0.43	1.4	47.16	-13.6341	0.8248	0.1258
1023	SLU 60	0.42	1.4	48.06	-13.8937	0.8405	0.1218
1023	SLU 61	0.42	1.43	48.04	-13.8893	0.8401	0.1215
1023	SLU 62	0.43	1.42	48.53	-14.0288	0.8487	0.1247
1023	SLU 63	0.43	1.44	48.51	-14.0244	0.8484	0.1245
1023	SLU 64	0.41	1.39	46.29	-13.38	0.81	0.1197
1023	SLU 65	0.42	1.43	46.26	-13.3726	0.8094	0.1193
1023	SLU 66	0.42	1.42	47.08	-13.6037	0.8238	0.1226
1023	SLU 67	0.43	1.45	47.07	-13.5993	0.8234	0.1224
1023	SLU 68	0.42	1.45	46.74	-13.5077	0.8177	0.1222
1023	SLU 69	0.43	1.44	47.56	-13.7387	0.832	0.1255
1023	SLU 70	0.43	1.46	47.54	-13.7343	0.8317	0.1253
1023	SLU 71	0.43	1.42	47.24	-13.6501	0.8265	0.1256
1023	SLU 72	0.43	1.44	47.22	-13.6457	0.8261	0.1253
1023	SLU 73	0.43	1.56	50.53	-14.5986	0.8836	0.1232
1023	SLU 74	0.44	1.55	51.35	-14.8296	0.8979	0.1265
1023	SLU 75	0.44	1.57	51.33	-14.8252	0.8975	0.1263
1023	SLU 76	0.44	1.57	51.01	-14.7336	0.8918	0.1261
1023	SLU 77	0.45	1.56	51.83	-14.9646	0.9061	0.1295
1023	SLU 78	0.45	1.59	51.81	-14.9602	0.9058	0.1292
1023	SLU 79	0.45	1.55	51.51	-14.876	0.9006	0.1295
1023	SLU 80	0.45	1.57	51.49	-14.8716	0.9002	0.1292
1023	SLU 81	0.44	1.57	52.39	-15.1313	0.9159	0.1252
1023	SLU 82	0.44	1.59	52.37	-15.1269	0.9156	0.125
1023	SLU 83	0.45	1.58	52.87	-15.2664	0.9241	0.1282
1023	SLU 84	0.45	1.61	52.85	-15.2619	0.9238	0.128
1023	SLE RA 1	0.31	1.03	34.66	-10.0203	0.6065	0.0913
1023	SLE RA 2	0.32	1.06	34.64	-10.0154	0.6061	0.091
1023	SLE RA 3	0.32	1.06	35.18	-10.1694	0.6157	0.0932
1023	SLE RA 4	0.32	1.07	35.17	-10.1665	0.6155	0.0931
1023	SLE RA 5	0.32	1.07	34.95	-10.1055	0.6116	0.093
1023	SLE RA 6	0.33	1.06	35.5	-10.2595	0.6212	0.0952
1023	SLE RA 7	0.33	1.08	35.49	-10.2565	0.6209	0.095
1023	SLE RA 8	0.33	1.05	35.29	-10.2004	0.6175	0.0952
1023	SLE RA 9	0.33	1.07	35.28	-10.1975	0.6173	0.0951
1023	SLE RA 10	0.33	1.14	37.48	-10.8327	0.6555	0.0936
1023	SLE RA 11	0.33	1.14	38.03	-10.9867	0.6651	0.0958
1023	SLE RA 12	0.33	1.15	38.02	-10.9838	0.6649	0.0957
1023	SLE RA 13	0.33	1.15	37.8	-10.9227	0.661	0.0956
1023	SLE RA 14	0.34	1.15	38.35	-11.0767	0.6706	0.0978
1023	SLE RA 15	0.34	1.16	38.33	-11.0738	0.6703	0.0977
1023	SLE RA 16	0.34	1.14	38.14	-11.0177	0.6669	0.0978
1023	SLE RA 17	0.34	1.15	38.12	-11.0147	0.6667	0.0977
1023	SLE RA 18	0.33	1.15	38.72	-11.1878	0.6771	0.095
1023	SLE RA 19	0.33	1.17	38.71	-11.1849	0.6769	0.0948
1023	SLE RA 20	0.34	1.16	39.04	-11.2779	0.6826	0.097
1023	SLE RA 21	0.34	1.18	39.03	-11.2749	0.6824	0.0968
1023	SLE FR 1	0.31	1.03	34.66	-10.0203	0.6065	0.0913
1023	SLE FR 2	0.32	1.04	34.65	-10.0193	0.6064	0.0912
1023	SLE FR 3	0.32	1.04	34.78	-10.0563	0.6087	0.0921
1023	SLE FR 4	0.32	1.08	35.87	-10.3696	0.6276	0.0923
1023	SLE FR 5	0.32	1.07	36	-10.4066	0.6299	0.0932
1023	SLE FR 6	0.32	1.09	36.69	-10.6041	0.6418	0.0931
1023	SLE QP 1	0.31	1.03	34.66	-10.0203	0.6065	0.0913
1023	SLE QP 2	0.32	1.07	35.88	-10.3706	0.6277	0.0924
1023	SLD 1	3.98	1.58	33.86	-9.7274	0.6	1.3709
1023	SLD 2	3.62	1.64	33.77	-9.7073	0.5984	1.2425
1023	SLD 3	4.03	0.66	34.87	-9.9831	0.6182	1.3905
1023	SLD 4	3.67	0.72	34.78	-9.963	0.6166	1.262
1023	SLD 5	1.4	2.6	33.76	-9.7934	0.5921	0.4693
1023	SLD 6	1.16	2.64	33.7	-9.7802	0.591	0.3847



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1023	SLD 7	1.58	-0.46	37.12	-10.6458	0.6528	0.5345
1023	SLD 8	1.34	-0.41	37.06	-10.6325	0.6517	0.4499
1023	SLD 9	-0.7	2.55	34.69	-10.1086	0.6037	-0.2651
1023	SLD 10	-0.94	2.6	34.63	-10.0954	0.6026	-0.3497
1023	SLD 11	-0.52	-0.5	38.06	-10.961	0.6644	-0.1999
1023	SLD 12	-0.76	-0.46	38	-10.9477	0.6633	-0.2845
1023	SLD 13	-3.03	1.42	36.97	-10.7781	0.6388	-1.0772
1023	SLD 14	-3.39	1.48	36.89	-10.758	0.6372	-1.2057
1023	SLD 15	-2.98	0.5	37.98	-11.0338	0.657	-1.0577
1023	SLD 16	-3.34	0.56	37.9	-11.0137	0.6554	-1.1861
1023	SLV 1	8.88	2.23	31.17	-8.8728	0.5632	3.0834
1023	SLV 2	8.03	2.38	30.97	-8.826	0.5594	2.7843
1023	SLV 3	9.01	0.15	33.46	-9.452	0.6045	3.1289
1023	SLV 4	8.16	0.3	33.26	-9.4052	0.6007	2.8298
1023	SLV 5	2.85	4.54	31.03	-9.0509	0.5464	0.9727
1023	SLV 6	2.3	4.64	30.9	-9.0206	0.544	0.7791
1023	SLV 7	3.26	-2.39	38.66	-10.9816	0.684	1.1242
1023	SLV 8	2.71	-2.29	38.52	-10.9513	0.6815	0.9306
1023	SLV 9	-2.07	4.43	33.23	-9.7899	0.5739	-0.7458
1023	SLV 10	-2.62	4.53	33.1	-9.7596	0.5714	-0.9394
1023	SLV 11	-1.66	-2.5	40.85	-11.7205	0.7114	-0.5943
1023	SLV 12	-2.21	-2.4	40.72	-11.6902	0.7089	-0.7879
1023	SLV 13	-7.52	1.84	38.5	-11.336	0.6547	-2.6449
1023	SLV 14	-8.37	1.99	38.29	-11.2891	0.6509	-2.9441
1023	SLV 15	-7.39	-0.24	40.78	-11.9152	0.6959	-2.5995
1023	SLV 16	-8.24	-0.09	40.58	-11.8684	0.6922	-2.8986
1023	CRTFP Ux+	0	0	0	0	0	0
1023	CRTFP Ux-	0	0	0	0	0	0
1023	CRTFP Uy+	0	0	0	0	0	0
1023	CRTFP Uy-	0	0	0	0	0	0
1025	SLU 1	0.9	2.39	87.07	-19.7512	-0.2621	0.1999
1025	SLU 2	0.9	2.49	86.99	-19.7366	-0.2629	0.2003
1025	SLU 3	0.93	2.47	89.14	-20.2162	-0.269	0.2062
1025	SLU 4	0.93	2.52	89.09	-20.2074	-0.2695	0.2065
1025	SLU 5	0.93	2.52	88.23	-20.0169	-0.2674	0.206
1025	SLU 6	0.95	2.5	90.38	-20.4964	-0.2734	0.2118
1025	SLU 7	0.96	2.56	90.33	-20.4877	-0.2739	0.2121
1025	SLU 8	0.95	2.46	89.55	-20.3117	-0.271	0.2112
1025	SLU 9	0.95	2.51	89.5	-20.303	-0.2715	0.2115
1025	SLU 10	0.96	2.79	98.15	-22.2738	-0.3035	0.2124
1025	SLU 11	0.99	2.77	100.29	-22.7533	-0.3095	0.2183
1025	SLU 12	0.99	2.83	100.25	-22.7446	-0.31	0.2185
1025	SLU 13	0.98	2.83	99.39	-22.554	-0.308	0.218
1025	SLU 14	1.01	2.81	101.54	-23.0336	-0.314	0.2239
1025	SLU 15	1.01	2.87	101.49	-23.0249	-0.3145	0.2241
1025	SLU 16	1.01	2.77	100.71	-22.8489	-0.3116	0.2233
1025	SLU 17	1.01	2.82	100.66	-22.8401	-0.3121	0.2235
1025	SLU 18	0.98	2.83	103.01	-23.3757	-0.3201	0.2172
1025	SLU 19	0.98	2.89	102.96	-23.3669	-0.3206	0.2174
1025	SLU 20	1.01	2.86	104.25	-23.6559	-0.3245	0.2228
1025	SLU 21	1.01	2.92	104.2	-23.6472	-0.325	0.223
1025	SLU 22	0.96	2.8	98.4	-22.3165	-0.3007	0.2122
1025	SLU 23	0.96	2.9	98.32	-22.3019	-0.3015	0.2126
1025	SLU 24	0.99	2.88	100.47	-22.7815	-0.3075	0.2184
1025	SLU 25	0.99	2.94	100.43	-22.7727	-0.308	0.2187
1025	SLU 26	0.99	2.93	99.57	-22.5822	-0.306	0.2182
1025	SLU 27	1.01	2.91	101.72	-23.0617	-0.312	0.2241
1025	SLU 28	1.02	2.97	101.67	-23.053	-0.3125	0.2243
1025	SLU 29	1.01	2.87	100.89	-22.877	-0.3096	0.2234
1025	SLU 30	1.01	2.93	100.84	-22.8683	-0.3101	0.2237
1025	SLU 31	1.02	3.21	109.48	-24.839	-0.3421	0.2246
1025	SLU 32	1.04	3.19	111.63	-25.3186	-0.3481	0.2305
1025	SLU 33	1.05	3.25	111.58	-25.3099	-0.3486	0.2308
1025	SLU 34	1.04	3.24	110.72	-25.1193	-0.3465	0.2303
1025	SLU 35	1.07	3.22	112.87	-25.5989	-0.3526	0.2361
1025	SLU 36	1.07	3.28	112.83	-25.5901	-0.353	0.2364
1025	SLU 37	1.07	3.18	112.05	-25.4141	-0.3502	0.2355
1025	SLU 38	1.07	3.24	112	-25.4054	-0.3506	0.2358
1025	SLU 39	1.04	3.24	114.34	-25.9409	-0.3587	0.2294
1025	SLU 40	1.04	3.3	114.3	-25.9322	-0.3592	0.2297
1025	SLU 41	1.07	3.28	115.59	-26.2212	-0.3631	0.235
1025	SLU 42	1.07	3.33	115.54	-26.2125	-0.3636	0.2353
1025	SLU 43	1.15	2.96	109.3	-24.797	-0.3275	0.2557
1025	SLU 44	1.15	3.06	109.22	-24.7824	-0.3284	0.2561
1025	SLU 45	1.18	3.04	111.37	-25.262	-0.3344	0.262
1025	SLU 46	1.18	3.1	111.32	-25.2533	-0.3349	0.2622
1025	SLU 47	1.18	3.09	110.46	-25.0627	-0.3328	0.2618
1025	SLU 48	1.2	3.07	112.61	-25.5423	-0.3388	0.2676
1025	SLU 49	1.21	3.13	112.56	-25.5335	-0.3393	0.2679
1025	SLU 50	1.2	3.03	111.78	-25.3576	-0.3364	0.267
1025	SLU 51	1.2	3.09	111.74	-25.3488	-0.3369	0.2672
1025	SLU 52	1.21	3.37	120.38	-27.3196	-0.3689	0.2682
1025	SLU 53	1.24	3.35	122.53	-27.7991	-0.375	0.274
1025	SLU 54	1.24	3.41	122.48	-27.7904	-0.3754	0.2743
1025	SLU 55	1.23	3.4	121.62	-27.5999	-0.3734	0.2738
1025	SLU 56	1.26	3.38	123.77	-28.0794	-0.3794	0.2797
1025	SLU 57	1.26	3.44	123.72	-28.0707	-0.3799	0.2799
1025	SLU 58	1.26	3.34	122.94	-27.8947	-0.377	0.279
1025	SLU 59	1.26	3.4	122.89	-27.886	-0.3775	0.2793



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1025	SLU 60	1.23	3.4	125.24	-28.4215	-0.3855	0.2729
1025	SLU 61	1.23	3.46	125.19	-28.4128	-0.386	0.2732
1025	SLU 62	1.26	3.44	126.48	-28.7018	-0.3899	0.2786
1025	SLU 63	1.26	3.5	126.43	-28.693	-0.3904	0.2788
1025	SLU 64	1.21	3.38	120.64	-27.3623	-0.3661	0.268
1025	SLU 65	1.21	3.47	120.56	-27.3477	-0.3669	0.2684
1025	SLU 66	1.24	3.45	122.71	-27.8273	-0.3729	0.2742
1025	SLU 67	1.24	3.51	122.66	-27.8185	-0.3734	0.2745
1025	SLU 68	1.24	3.51	121.8	-27.628	-0.3714	0.274
1025	SLU 69	1.26	3.49	123.95	-28.1076	-0.3774	0.2799
1025	SLU 70	1.27	3.55	123.9	-28.0988	-0.3779	0.2801
1025	SLU 71	1.26	3.44	123.12	-27.9228	-0.375	0.2792
1025	SLU 72	1.26	3.5	123.07	-27.9141	-0.3755	0.2795
1025	SLU 73	1.27	3.78	131.72	-29.8849	-0.4075	0.2804
1025	SLU 74	1.3	3.76	133.87	-30.3644	-0.4135	0.2863
1025	SLU 75	1.3	3.82	133.82	-30.3557	-0.414	0.2865
1025	SLU 76	1.29	3.82	132.96	-30.1651	-0.412	0.2861
1025	SLU 77	1.32	3.8	135.11	-30.6447	-0.418	0.2919
1025	SLU 78	1.32	3.85	135.06	-30.636	-0.4185	0.2922
1025	SLU 79	1.32	3.75	134.28	-30.46	-0.4156	0.2913
1025	SLU 80	1.32	3.81	134.23	-30.4512	-0.4161	0.2915
1025	SLU 81	1.29	3.82	136.58	-30.9868	-0.4241	0.2852
1025	SLU 82	1.29	3.88	136.53	-30.978	-0.4246	0.2854
1025	SLU 83	1.32	3.85	137.82	-31.267	-0.4285	0.2908
1025	SLU 84	1.32	3.91	137.77	-31.2583	-0.429	0.2911
1025	SLE RA 1	0.92	2.51	90.31	-20.4841	-0.2731	0.2034
1025	SLE RA 2	0.92	2.57	90.25	-20.4744	-0.2737	0.2037
1025	SLE RA 3	0.94	2.56	91.69	-20.7941	-0.2777	0.2076
1025	SLE RA 4	0.94	2.6	91.65	-20.7883	-0.278	0.2078
1025	SLE RA 5	0.94	2.59	91.08	-20.6613	-0.2767	0.2075
1025	SLE RA 6	0.95	2.58	92.51	-20.981	-0.2807	0.2114
1025	SLE RA 7	0.95	2.62	92.48	-20.9751	-0.281	0.2115
1025	SLE RA 8	0.95	2.55	91.96	-20.8578	-0.2791	0.2109
1025	SLE RA 9	0.95	2.59	91.93	-20.852	-0.2794	0.2111
1025	SLE RA 10	0.96	2.78	97.69	-22.1658	-0.3008	0.2117
1025	SLE RA 11	0.97	2.76	99.13	-22.4855	-0.3048	0.2157
1025	SLE RA 12	0.98	2.8	99.09	-22.4797	-0.3051	0.2158
1025	SLE RA 13	0.97	2.8	98.52	-22.3527	-0.3037	0.2155
1025	SLE RA 14	0.99	2.79	99.95	-22.6724	-0.3077	0.2194
1025	SLE RA 15	0.99	2.83	99.92	-22.6666	-0.308	0.2196
1025	SLE RA 16	0.99	2.76	99.4	-22.5492	-0.3061	0.219
1025	SLE RA 17	0.99	2.8	99.37	-22.5434	-0.3064	0.2191
1025	SLE RA 18	0.97	2.8	100.93	-22.9004	-0.3118	0.2149
1025	SLE RA 19	0.97	2.84	100.9	-22.8946	-0.3121	0.2151
1025	SLE RA 20	0.99	2.82	101.76	-23.0873	-0.3148	0.2187
1025	SLE RA 21	0.99	2.86	101.73	-23.0815	-0.3151	0.2188
1025	SLE FR 1	0.92	2.51	90.31	-20.4841	-0.2731	0.2034
1025	SLE FR 2	0.92	2.52	90.3	-20.4822	-0.2733	0.2035
1025	SLE FR 3	0.93	2.52	90.64	-20.5589	-0.2743	0.2049
1025	SLE FR 4	0.93	2.61	93.48	-21.2071	-0.2849	0.2069
1025	SLE FR 5	0.94	2.6	93.83	-21.2838	-0.2859	0.2084
1025	SLE FR 6	0.95	2.65	95.62	-21.6923	-0.2925	0.2092
1025	SLE QP 1	0.92	2.51	90.31	-20.4841	-0.2731	0.2034
1025	SLE QP 2	0.93	2.59	93.49	-21.209	-0.2847	0.2069
1025	SLD 1	10.04	3.4	87.49	-19.8976	-0.1415	2.3941
1025	SLD 2	9.12	3.63	87.26	-19.8553	-0.1432	2.1779
1025	SLD 3	10.18	1.13	90.15	-20.417	-0.1281	2.4243
1025	SLD 4	9.26	1.36	89.92	-20.3746	-0.1299	2.208
1025	SLD 5	3.63	6.25	87.7	-20.0356	-0.2616	0.8561
1025	SLD 6	3.02	6.4	87.55	-20.0077	-0.2628	0.7137
1025	SLD 7	4.08	-1.34	96.57	-21.7666	-0.2172	0.9566
1025	SLD 8	3.47	-1.19	96.42	-21.7387	-0.2184	0.8142
1025	SLD 9	-1.6	6.37	90.57	-20.6793	-0.3511	-0.4004
1025	SLD 10	-2.21	6.52	90.42	-20.6514	-0.3523	-0.5428
1025	SLD 11	-1.15	-1.21	99.44	-22.4103	-0.3067	-0.3
1025	SLD 12	-1.76	-1.06	99.29	-22.3825	-0.3078	-0.4424
1025	SLD 13	-7.39	3.83	97.07	-22.0434	-0.4396	-1.7943
1025	SLD 14	-8.31	4.06	96.84	-22.0011	-0.4414	-2.0105
1025	SLD 15	-7.25	1.56	99.73	-22.5627	-0.4262	-1.7641
1025	SLD 16	-8.18	1.78	99.5	-22.5204	-0.428	-1.9804
1025	SLV 1	22.25	4.38	79.51	-18.1542	0.051	5.3238
1025	SLV 2	20.1	4.92	78.98	-18.0557	0.0468	4.8203
1025	SLV 3	22.56	-0.77	85.54	-19.3305	0.0813	5.3938
1025	SLV 4	20.41	-0.24	85.01	-19.232	0.0771	4.8902
1025	SLV 5	7.23	10.86	80.26	-18.5256	-0.2293	1.7232
1025	SLV 6	5.84	11.2	79.91	-18.4619	-0.2319	1.3974
1025	SLV 7	8.26	-6.33	100.34	-22.4466	-0.1283	1.9565
1025	SLV 8	6.88	-5.98	99.99	-22.3829	-0.1309	1.6306
1025	SLV 9	-5.01	11.17	87	-20.0352	-0.4385	-1.2169
1025	SLV 10	-6.39	11.52	86.65	-19.9714	-0.4412	-1.5427
1025	SLV 11	-3.97	-6.01	107.08	-23.9562	-0.3376	-0.9836
1025	SLV 12	-5.36	-5.67	106.73	-23.8924	-0.3402	-1.3095
1025	SLV 13	-18.54	5.43	101.98	-23.186	-0.6466	-4.4765
1025	SLV 14	-20.69	5.96	101.45	-23.0875	-0.6508	-4.9801
1025	SLV 15	-18.23	0.27	108.01	-24.3623	-0.6163	-4.4065
1025	SLV 16	-20.38	0.8	107.47	-24.2638	-0.6205	-4.9101
1025	CRTFP Ux+	0	0	0	0	0	0
1025	CRTFP Ux-	0	0	0	0	0	0
1025	CRTFP Uy+	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1025	CRTPP Uy-	0	0	0	0	0	0
1027	SLU 1	0.37	0.85	33.32	-10.1145	-0.6164	0.1446
1027	SLU 2	0.38	0.89	33.29	-10.1085	-0.616	0.1457
1027	SLU 3	0.39	0.88	34.11	-10.3499	-0.631	0.1491
1027	SLU 4	0.39	0.9	34.09	-10.3463	-0.6307	0.1497
1027	SLU 5	0.39	0.9	33.76	-10.2511	-0.6247	0.1493
1027	SLU 6	0.4	0.89	34.58	-10.4924	-0.6398	0.1527
1027	SLU 7	0.4	0.92	34.56	-10.4888	-0.6395	0.1533
1027	SLU 8	0.39	0.88	34.27	-10.3996	-0.634	0.1518
1027	SLU 9	0.39	0.9	34.25	-10.396	-0.6337	0.1525
1027	SLU 10	0.4	1.01	37.57	-11.4093	-0.6949	0.1562
1027	SLU 11	0.41	1	38.38	-11.6506	-0.71	0.1595
1027	SLU 12	0.41	1.02	38.37	-11.647	-0.7097	0.1602
1027	SLU 13	0.41	1.02	38.04	-11.5518	-0.7037	0.1598
1027	SLU 14	0.42	1.01	38.86	-11.7932	-0.7188	0.1631
1027	SLU 15	0.42	1.03	38.84	-11.7896	-0.7185	0.1638
1027	SLU 16	0.42	0.99	38.54	-11.7003	-0.7129	0.1623
1027	SLU 17	0.42	1.02	38.53	-11.6967	-0.7127	0.1629
1027	SLU 18	0.41	1.02	39.43	-11.9727	-0.7292	0.1596
1027	SLU 19	0.41	1.04	39.41	-11.9691	-0.7289	0.1602
1027	SLU 20	0.42	1.03	39.9	-12.1153	-0.738	0.1632
1027	SLU 21	0.42	1.05	39.88	-12.1117	-0.7377	0.1638
1027	SLU 22	0.4	1.01	37.65	-11.4244	-0.6964	0.1562
1027	SLU 23	0.4	1.04	37.62	-11.4184	-0.6959	0.1573
1027	SLU 24	0.41	1.03	38.44	-11.6598	-0.711	0.1606
1027	SLU 25	0.41	1.06	38.43	-11.6562	-0.7107	0.1613
1027	SLU 26	0.41	1.06	38.1	-11.561	-0.7047	0.1608
1027	SLU 27	0.42	1.05	38.92	-11.8023	-0.7198	0.1642
1027	SLU 28	0.42	1.07	38.9	-11.7987	-0.7195	0.1649
1027	SLU 29	0.42	1.03	38.6	-11.7095	-0.714	0.1633
1027	SLU 30	0.42	1.05	38.59	-11.7059	-0.7137	0.164
1027	SLU 31	0.43	1.16	41.9	-12.7192	-0.7749	0.1677
1027	SLU 32	0.44	1.15	42.72	-12.9605	-0.79	0.1711
1027	SLU 33	0.44	1.17	42.7	-12.9569	-0.7897	0.1717
1027	SLU 34	0.44	1.17	42.38	-12.8617	-0.7837	0.1713
1027	SLU 35	0.45	1.16	43.19	-13.1031	-0.7987	0.1747
1027	SLU 36	0.45	1.18	43.18	-13.0995	-0.7985	0.1753
1027	SLU 37	0.44	1.14	42.88	-13.0102	-0.7929	0.1738
1027	SLU 38	0.44	1.17	42.86	-13.0066	-0.7926	0.1745
1027	SLU 39	0.43	1.17	43.76	-13.2826	-0.8092	0.1711
1027	SLU 40	0.44	1.19	43.75	-13.279	-0.8089	0.1718
1027	SLU 41	0.44	1.18	44.24	-13.4252	-0.818	0.1747
1027	SLU 42	0.45	1.2	44.22	-13.4216	-0.8177	0.1754
1027	SLU 43	0.48	1.06	41.82	-12.6998	-0.7739	0.1841
1027	SLU 44	0.48	1.1	41.8	-12.6938	-0.7735	0.1852
1027	SLU 45	0.49	1.09	42.61	-12.9351	-0.7885	0.1885
1027	SLU 46	0.49	1.11	42.6	-12.9315	-0.7882	0.1892
1027	SLU 47	0.49	1.11	42.27	-12.8363	-0.7822	0.1887
1027	SLU 48	0.5	1.1	43.09	-13.0777	-0.7973	0.1921
1027	SLU 49	0.5	1.12	43.07	-13.0741	-0.797	0.1928
1027	SLU 50	0.5	1.08	42.77	-12.9849	-0.7915	0.1913
1027	SLU 51	0.5	1.11	42.76	-12.9813	-0.7912	0.1919
1027	SLU 52	0.5	1.21	46.07	-13.9945	-0.8524	0.1956
1027	SLU 53	0.51	1.2	46.89	-14.2359	-0.8675	0.199
1027	SLU 54	0.51	1.22	46.87	-14.2323	-0.8672	0.1996
1027	SLU 55	0.51	1.22	46.55	-14.137	-0.8612	0.1992
1027	SLU 56	0.52	1.21	47.37	-14.3784	-0.8763	0.2026
1027	SLU 57	0.52	1.24	47.35	-14.3748	-0.876	0.2032
1027	SLU 58	0.52	1.2	47.05	-14.2856	-0.8704	0.2017
1027	SLU 59	0.52	1.22	47.03	-14.282	-0.8702	0.2024
1027	SLU 60	0.51	1.22	47.93	-14.558	-0.8867	0.199
1027	SLU 61	0.51	1.24	47.92	-14.5544	-0.8864	0.1997
1027	SLU 62	0.52	1.23	48.41	-14.7005	-0.8955	0.2026
1027	SLU 63	0.52	1.26	48.39	-14.6969	-0.8952	0.2033
1027	SLU 64	0.5	1.21	46.16	-14.0097	-0.8539	0.1956
1027	SLU 65	0.5	1.25	46.13	-14.0037	-0.8534	0.1967
1027	SLU 66	0.51	1.24	46.95	-14.245	-0.8685	0.2
1027	SLU 67	0.52	1.26	46.93	-14.2414	-0.8682	0.2007
1027	SLU 68	0.51	1.26	46.61	-14.1462	-0.8622	0.2003
1027	SLU 69	0.52	1.25	47.43	-14.3876	-0.8773	0.2036
1027	SLU 70	0.53	1.27	47.41	-14.384	-0.877	0.2043
1027	SLU 71	0.52	1.23	47.11	-14.2948	-0.8715	0.2028
1027	SLU 72	0.52	1.26	47.09	-14.2912	-0.8712	0.2034
1027	SLU 73	0.53	1.36	50.41	-15.3044	-0.9324	0.2072
1027	SLU 74	0.54	1.35	51.23	-15.5458	-0.9475	0.2105
1027	SLU 75	0.54	1.38	51.21	-15.5422	-0.9472	0.2112
1027	SLU 76	0.54	1.37	50.88	-15.447	-0.9412	0.2107
1027	SLU 77	0.55	1.36	51.7	-15.6883	-0.9562	0.2141
1027	SLU 78	0.55	1.39	51.69	-15.6847	-0.956	0.2148
1027	SLU 79	0.55	1.35	51.39	-15.5955	-0.9504	0.2133
1027	SLU 80	0.55	1.37	51.37	-15.5919	-0.9501	0.2139
1027	SLU 81	0.54	1.37	52.27	-15.8679	-0.9667	0.2106
1027	SLU 82	0.54	1.4	52.25	-15.8643	-0.9664	0.2112
1027	SLU 83	0.55	1.39	52.74	-16.0104	-0.9755	0.2141
1027	SLU 84	0.55	1.41	52.73	-16.0068	-0.9752	0.2148
1027	SLE RA 1	0.38	0.9	34.55	-10.4888	-0.6393	0.1479
1027	SLE RA 2	0.38	0.92	34.54	-10.4848	-0.639	0.1487
1027	SLE RA 3	0.39	0.92	35.08	-10.6457	-0.649	0.1509
1027	SLE RA 4	0.39	0.93	35.07	-10.6433	-0.6488	0.1513



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1027	SLE RA 5	0.39	0.93	34.85	-10.5798	-0.6448	0.151
1027	SLE RA 6	0.4	0.92	35.4	-10.7407	-0.6549	0.1533
1027	SLE RA 7	0.4	0.94	35.39	-10.7383	-0.6547	0.1537
1027	SLE RA 8	0.39	0.91	35.19	-10.6788	-0.651	0.1527
1027	SLE RA 9	0.4	0.93	35.18	-10.6764	-0.6508	0.1532
1027	SLE RA 10	0.4	1	37.39	-11.3519	-0.6916	0.1556
1027	SLE RA 11	0.41	0.99	37.93	-11.5128	-0.7016	0.1579
1027	SLE RA 12	0.41	1.01	37.92	-11.5104	-0.7015	0.1583
1027	SLE RA 13	0.41	1.01	37.7	-11.447	-0.6975	0.158
1027	SLE RA 14	0.41	1	38.25	-11.6079	-0.7075	0.1603
1027	SLE RA 15	0.41	1.02	38.24	-11.6055	-0.7073	0.1607
1027	SLE RA 16	0.41	0.99	38.04	-11.546	-0.7036	0.1597
1027	SLE RA 17	0.41	1.01	38.03	-11.5436	-0.7034	0.1601
1027	SLE RA 18	0.4	1.01	38.63	-11.7276	-0.7145	0.1579
1027	SLE RA 19	0.41	1.02	38.62	-11.7252	-0.7143	0.1583
1027	SLE RA 20	0.41	1.01	38.94	-11.8226	-0.7203	0.1603
1027	SLE RA 21	0.41	1.03	38.93	-11.8202	-0.7201	0.1607
1027	SLE FR 1	0.38	0.9	34.55	-10.4888	-0.6393	0.1479
1027	SLE FR 2	0.38	0.9	34.55	-10.488	-0.6392	0.1481
1027	SLE FR 3	0.38	0.9	34.68	-10.5268	-0.6416	0.1489
1027	SLE FR 4	0.39	0.94	35.77	-10.8596	-0.6618	0.1511
1027	SLE FR 5	0.39	0.93	35.9	-10.8984	-0.6642	0.1519
1027	SLE FR 6	0.39	0.95	36.59	-11.1082	-0.6769	0.1529
1027	SLE QP 1	0.38	0.9	34.55	-10.4888	-0.6393	0.1479
1027	SLE QP 2	0.39	0.93	35.78	-10.8604	-0.6618	0.1509
1027	SLD 1	3.88	1.16	33.27	-10.228	-0.6091	1.3892
1027	SLD 2	3.53	1.28	33.19	-10.2094	-0.6077	1.2696
1027	SLD 3	3.93	0.29	34.21	-10.4586	-0.6259	1.361
1027	SLD 4	3.58	0.4	34.13	-10.44	-0.6245	1.2414
1027	SLD 5	1.42	2.3	33.61	-10.3243	-0.6209	0.5867
1027	SLD 6	1.19	2.38	33.55	-10.3121	-0.6199	0.5079
1027	SLD 7	1.59	-0.6	36.75	-11.0929	-0.6767	0.4926
1027	SLD 8	1.36	-0.53	36.7	-11.0807	-0.6758	0.4138
1027	SLD 9	-0.58	2.39	34.85	-10.6402	-0.6479	-0.112
1027	SLD 10	-0.81	2.46	34.8	-10.6279	-0.647	-0.1908
1027	SLD 11	-0.41	-0.52	38	-11.4088	-0.7037	-0.206
1027	SLD 12	-0.64	-0.44	37.95	-11.3965	-0.7028	-0.2848
1027	SLD 13	-2.8	1.46	37.42	-11.2809	-0.6992	-0.9396
1027	SLD 14	-3.15	1.57	37.34	-11.2623	-0.6978	-1.0592
1027	SLD 15	-2.75	0.58	38.37	-11.5114	-0.716	-0.9678
1027	SLD 16	-3.1	0.7	38.29	-11.4928	-0.7145	-1.0874
1027	SLV 1	8.55	1.44	29.93	-9.3873	-0.5389	3.0468
1027	SLV 2	7.73	1.7	29.74	-9.3439	-0.5356	2.7683
1027	SLV 3	8.66	-0.54	32.07	-9.9096	-0.5769	2.9825
1027	SLV 4	7.85	-0.27	31.88	-9.8662	-0.5736	2.704
1027	SLV 5	2.8	4.03	30.81	-9.6338	-0.5679	1.1656
1027	SLV 6	2.27	4.2	30.69	-9.6058	-0.5658	0.9853
1027	SLV 7	3.19	-2.55	37.94	-11.3749	-0.6945	0.9512
1027	SLV 8	2.66	-2.38	37.82	-11.3468	-0.6924	0.7709
1027	SLV 9	-1.89	4.24	33.74	-10.374	-0.6313	-0.4691
1027	SLV 10	-2.41	4.41	33.62	-10.346	-0.6292	-0.6494
1027	SLV 11	-1.5	-2.34	40.86	-12.1151	-0.7579	-0.6835
1027	SLV 12	-2.02	-2.17	40.74	-12.087	-0.7557	-0.8637
1027	SLV 13	-7.07	2.14	39.67	-11.8546	-0.7501	-2.4021
1027	SLV 14	-7.89	2.4	39.49	-11.8113	-0.7468	-2.6807
1027	SLV 15	-6.96	0.16	41.81	-12.3769	-0.7881	-2.4664
1027	SLV 16	-7.77	0.42	41.63	-12.3336	-0.7848	-2.745
1027	CRTFP Ux+	0	0	0	0	0	0
1027	CRTFP Ux-	0	0	0	0	0	0
1027	CRTFP Uy+	0	0	0	0	0	0
1027	CRTFP Uy-	0	0	0	0	0	0
1028	SLU 1	0.45	0.84	36.37	-10.4236	0.0241	0.1545
1028	SLU 2	0.45	0.88	36.34	-10.4178	0.024	0.155
1028	SLU 3	0.47	0.86	37.23	-10.6637	0.0247	0.1592
1028	SLU 4	0.47	0.89	37.21	-10.6602	0.0247	0.1594
1028	SLU 5	0.47	0.89	36.85	-10.5635	0.0244	0.1589
1028	SLU 6	0.48	0.88	37.74	-10.8094	0.0251	0.163
1028	SLU 7	0.48	0.9	37.73	-10.8059	0.025	0.1633
1028	SLU 8	0.48	0.86	37.4	-10.7149	0.0248	0.1623
1028	SLU 9	0.48	0.88	37.38	-10.7115	0.0248	0.1626
1028	SLU 10	0.48	1	40.99	-11.751	0.0278	0.1653
1028	SLU 11	0.5	0.98	41.88	-11.9969	0.0285	0.1695
1028	SLU 12	0.5	1.01	41.86	-11.9935	0.0284	0.1698
1028	SLU 13	0.5	1.01	41.51	-11.8967	0.0282	0.1692
1028	SLU 14	0.51	0.99	42.4	-12.1426	0.0289	0.1733
1028	SLU 15	0.51	1.02	42.38	-12.1391	0.0288	0.1736
1028	SLU 16	0.51	0.98	42.05	-12.0482	0.0286	0.1726
1028	SLU 17	0.51	1	42.04	-12.0447	0.0286	0.1729
1028	SLU 18	0.5	1	43.01	-12.3282	0.0294	0.1693
1028	SLU 19	0.5	1.03	43	-12.3247	0.0294	0.1696
1028	SLU 20	0.51	1.02	43.53	-12.4739	0.0298	0.1731
1028	SLU 21	0.51	1.04	43.51	-12.4704	0.0298	0.1734
1028	SLU 22	0.48	0.99	41.08	-11.7646	0.0279	0.1652
1028	SLU 23	0.49	1.03	41.05	-11.7588	0.0279	0.1657
1028	SLU 24	0.5	1.02	41.94	-12.0048	0.0286	0.1699
1028	SLU 25	0.5	1.05	41.93	-12.0013	0.0285	0.1701
1028	SLU 26	0.5	1.05	41.57	-11.9045	0.0282	0.1696
1028	SLU 27	0.51	1.03	42.46	-12.1504	0.0289	0.1737
1028	SLU 28	0.51	1.06	42.44	-12.1469	0.0289	0.174



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1028	SLU 29	0.51	1.02	42.12	-12.056	0.0287	0.173
1028	SLU 30	0.51	1.04	42.1	-12.0525	0.0287	0.1733
1028	SLU 31	0.52	1.15	45.71	-13.0921	0.0316	0.176
1028	SLU 32	0.53	1.14	46.6	-13.338	0.0323	0.1802
1028	SLU 33	0.53	1.16	46.58	-13.3345	0.0323	0.1805
1028	SLU 34	0.53	1.16	46.22	-13.2377	0.032	0.1799
1028	SLU 35	0.54	1.15	47.11	-13.4837	0.0327	0.184
1028	SLU 36	0.54	1.17	47.1	-13.4802	0.0327	0.1843
1028	SLU 37	0.54	1.13	46.77	-13.3892	0.0325	0.1833
1028	SLU 38	0.54	1.16	46.75	-13.3857	0.0324	0.1836
1028	SLU 39	0.53	1.16	47.73	-13.6693	0.0333	0.18
1028	SLU 40	0.53	1.19	47.71	-13.6658	0.0333	0.1803
1028	SLU 41	0.54	1.17	48.25	-13.8149	0.0337	0.1838
1028	SLU 42	0.54	1.2	48.23	-13.8114	0.0337	0.1841
1028	SLU 43	0.58	1.03	45.66	-13.0909	0.03	0.1972
1028	SLU 44	0.58	1.08	45.63	-13.0851	0.0299	0.1977
1028	SLU 45	0.59	1.06	46.52	-13.331	0.0306	0.2018
1028	SLU 46	0.59	1.09	46.5	-13.3275	0.0306	0.2021
1028	SLU 47	0.59	1.09	46.15	-13.2307	0.0303	0.2016
1028	SLU 48	0.6	1.07	47.04	-13.4767	0.031	0.2057
1028	SLU 49	0.6	1.1	47.02	-13.4732	0.0309	0.206
1028	SLU 50	0.6	1.06	46.69	-13.3822	0.0307	0.205
1028	SLU 51	0.6	1.08	46.68	-13.3787	0.0307	0.2053
1028	SLU 52	0.61	1.19	50.28	-14.4183	0.0337	0.208
1028	SLU 53	0.62	1.18	51.17	-14.6642	0.0344	0.2122
1028	SLU 54	0.62	1.2	51.16	-14.6607	0.0343	0.2125
1028	SLU 55	0.62	1.2	50.8	-14.564	0.0341	0.2119
1028	SLU 56	0.63	1.19	51.69	-14.8099	0.0348	0.216
1028	SLU 57	0.63	1.22	51.67	-14.8064	0.0347	0.2163
1028	SLU 58	0.63	1.17	51.35	-14.7155	0.0345	0.2153
1028	SLU 59	0.63	1.2	51.33	-14.712	0.0345	0.2156
1028	SLU 60	0.62	1.2	52.31	-14.9955	0.0353	0.212
1028	SLU 61	0.62	1.23	52.29	-14.992	0.0353	0.2123
1028	SLU 62	0.63	1.21	52.82	-15.1412	0.0357	0.2158
1028	SLU 63	0.63	1.24	52.81	-15.1377	0.0357	0.2161
1028	SLU 64	0.61	1.19	50.37	-14.4319	0.0338	0.2079
1028	SLU 65	0.61	1.23	50.35	-14.4261	0.0338	0.2084
1028	SLU 66	0.62	1.22	51.24	-14.672	0.0345	0.2125
1028	SLU 67	0.62	1.24	51.22	-14.6686	0.0344	0.2128
1028	SLU 68	0.62	1.24	50.86	-14.5718	0.0341	0.2123
1028	SLU 69	0.63	1.23	51.75	-14.8177	0.0348	0.2164
1028	SLU 70	0.64	1.25	51.74	-14.8142	0.0348	0.2167
1028	SLU 71	0.63	1.21	51.41	-14.7233	0.0346	0.2157
1028	SLU 72	0.63	1.24	51.39	-14.7198	0.0346	0.216
1028	SLU 73	0.64	1.35	55	-15.7593	0.0375	0.2187
1028	SLU 74	0.65	1.33	55.89	-16.0053	0.0382	0.2229
1028	SLU 75	0.65	1.36	55.87	-16.0018	0.0382	0.2232
1028	SLU 76	0.65	1.36	55.52	-15.905	0.0379	0.2226
1028	SLU 77	0.67	1.35	56.41	-16.151	0.0386	0.2267
1028	SLU 78	0.67	1.37	56.39	-16.1475	0.0386	0.227
1028	SLU 79	0.66	1.33	56.06	-16.0565	0.0384	0.226
1028	SLU 80	0.66	1.36	56.05	-16.053	0.0383	0.2263
1028	SLU 81	0.65	1.36	57.02	-16.3365	0.0392	0.2227
1028	SLU 82	0.65	1.38	57.01	-16.3331	0.0392	0.223
1028	SLU 83	0.66	1.37	57.54	-16.4822	0.0396	0.2265
1028	SLU 84	0.67	1.39	57.52	-16.4787	0.0396	0.2268
1028	SLE RA 1	0.46	0.88	37.71	-10.8067	0.0252	0.1576
1028	SLE RA 2	0.46	0.91	37.69	-10.8029	0.0251	0.1579
1028	SLE RA 3	0.47	0.9	38.29	-10.9668	0.0256	0.1607
1028	SLE RA 4	0.47	0.92	38.28	-10.9645	0.0256	0.1609
1028	SLE RA 5	0.47	0.92	38.04	-10.9	0.0254	0.1605
1028	SLE RA 6	0.48	0.91	38.63	-11.0639	0.0258	0.1633
1028	SLE RA 7	0.48	0.92	38.62	-11.0616	0.0258	0.1635
1028	SLE RA 8	0.48	0.9	38.4	-11.001	0.0257	0.1628
1028	SLE RA 9	0.48	0.91	38.39	-10.9987	0.0257	0.163
1028	SLE RA 10	0.48	0.99	40.8	-11.6917	0.0276	0.1648
1028	SLE RA 11	0.49	0.98	41.39	-11.8556	0.0281	0.1675
1028	SLE RA 12	0.49	0.99	41.38	-11.8533	0.0281	0.1677
1028	SLE RA 13	0.49	0.99	41.14	-11.7888	0.0279	0.1674
1028	SLE RA 14	0.5	0.99	41.73	-11.9528	0.0284	0.1701
1028	SLE RA 15	0.5	1	41.72	-11.9504	0.0283	0.1703
1028	SLE RA 16	0.5	0.97	41.51	-11.8898	0.0282	0.1696
1028	SLE RA 17	0.5	0.99	41.49	-11.8875	0.0282	0.1698
1028	SLE RA 18	0.49	0.99	42.14	-12.0765	0.0288	0.1674
1028	SLE RA 19	0.49	1.01	42.13	-12.0742	0.0287	0.1676
1028	SLE RA 20	0.5	1	42.49	-12.1736	0.029	0.17
1028	SLE RA 21	0.5	1.02	42.48	-12.1713	0.029	0.1702
1028	SLE FR 1	0.46	0.88	37.71	-10.8067	0.0252	0.1576
1028	SLE FR 2	0.46	0.89	37.71	-10.806	0.0252	0.1577
1028	SLE FR 3	0.47	0.88	37.85	-10.8456	0.0253	0.1586
1028	SLE FR 4	0.47	0.92	39.04	-11.1869	0.0262	0.1606
1028	SLE FR 5	0.47	0.92	39.18	-11.2265	0.0263	0.1616
1028	SLE FR 6	0.48	0.94	39.93	-11.4416	0.027	0.1625
1028	SLE QP 1	0.46	0.88	37.71	-10.8067	0.0252	0.1576
1028	SLE QP 2	0.47	0.91	39.04	-11.1877	0.0262	0.1605
1028	SLD 1	4.33	1.13	36.04	-10.5556	0.0338	1.511
1028	SLD 2	3.94	1.27	35.95	-10.5352	0.0338	1.3759
1028	SLD 3	4.39	0.17	37.04	-10.7836	0.0355	1.5303
1028	SLD 4	4	0.31	36.95	-10.7631	0.0354	1.3953



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1028	SLD 5	1.61	2.4	36.63	-10.6559	0.026	0.5606
1028	SLD 6	1.36	2.49	36.57	-10.6425	0.026	0.4716
1028	SLD 7	1.8	-0.78	39.98	-11.4159	0.0315	0.625
1028	SLD 8	1.54	-0.68	39.93	-11.4024	0.0315	0.5361
1028	SLD 9	-0.6	2.51	38.16	-10.9729	0.021	-0.215
1028	SLD 10	-0.86	2.61	38.1	-10.9594	0.0209	-0.3039
1028	SLD 11	-0.42	-0.66	41.51	-11.7329	0.0265	-0.1505
1028	SLD 12	-0.67	-0.57	41.45	-11.7194	0.0265	-0.2395
1028	SLD 13	-3.06	1.51	41.13	-11.6122	0.0171	-1.0742
1028	SLD 14	-3.45	1.66	41.04	-11.5917	0.017	-1.2092
1028	SLD 15	-3	0.56	42.14	-11.8402	0.0187	-1.0548
1028	SLD 16	-3.39	0.7	42.05	-11.8197	0.0187	-1.1899
1028	SLV 1	9.5	1.37	32.03	-9.7154	0.044	3.3199
1028	SLV 2	8.6	1.7	31.83	-9.6678	0.0439	3.0054
1028	SLV 3	9.63	-0.79	34.31	-10.232	0.0478	3.3646
1028	SLV 4	8.73	-0.46	34.11	-10.1843	0.0477	3.0501
1028	SLV 5	3.14	4.27	33.52	-9.9709	0.0258	1.0951
1028	SLV 6	2.56	4.48	33.39	-9.94	0.0258	0.8915
1028	SLV 7	3.57	-2.93	41.11	-11.6926	0.0385	1.2442
1028	SLV 8	2.99	-2.72	40.98	-11.6618	0.0384	1.0407
1028	SLV 9	-2.05	4.54	37.1	-10.7135	0.0141	-0.7196
1028	SLV 10	-2.63	4.76	36.97	-10.6827	0.014	-0.9231
1028	SLV 11	-1.62	-2.65	44.69	-12.4353	0.0267	-0.5704
1028	SLV 12	-2.2	-2.44	44.57	-12.4045	0.0266	-0.774
1028	SLV 13	-7.79	2.29	43.98	-12.191	0.0048	-2.729
1028	SLV 14	-8.69	2.62	43.78	-12.1434	0.0047	-3.0435
1028	SLV 15	-7.66	0.13	46.25	-12.7075	0.0086	-2.6843
1028	SLV 16	-8.56	0.46	46.05	-12.6599	0.0085	-2.9988
1028	CRTFP Ux+	0	0	0	0	0	0
1028	CRTFP Ux-	0	0	0	0	0	0
1028	CRTFP Uy+	0	0	0	0	0	0
1028	CRTFP Uy-	0	0	0	0	0	0
1029	SLU 1	0.49	0.7	35.5	-9.5067	0.0293	0.167
1029	SLU 2	0.49	0.75	35.48	-9.5018	0.0292	0.1676
1029	SLU 3	0.5	0.73	36.34	-9.7228	0.03	0.1719
1029	SLU 4	0.5	0.75	36.33	-9.7199	0.03	0.1722
1029	SLU 5	0.5	0.76	35.98	-9.6331	0.0297	0.1716
1029	SLU 6	0.52	0.74	36.85	-9.8541	0.0305	0.1759
1029	SLU 7	0.52	0.76	36.83	-9.8511	0.0305	0.1763
1029	SLU 8	0.51	0.72	36.51	-9.7693	0.0302	0.1751
1029	SLU 9	0.51	0.75	36.49	-9.7663	0.0302	0.1754
1029	SLU 10	0.52	0.85	39.99	-10.704	0.0339	0.179
1029	SLU 11	0.54	0.83	40.86	-10.9251	0.0347	0.1833
1029	SLU 12	0.54	0.86	40.84	-10.9221	0.0347	0.1836
1029	SLU 13	0.54	0.86	40.5	-10.8353	0.0343	0.183
1029	SLU 14	0.55	0.84	41.36	-11.0564	0.0352	0.1873
1029	SLU 15	0.55	0.87	41.35	-11.0534	0.0351	0.1877
1029	SLU 16	0.55	0.83	41.03	-10.9715	0.0349	0.1865
1029	SLU 17	0.55	0.85	41.01	-10.9686	0.0348	0.1868
1029	SLU 18	0.54	0.86	41.96	-11.2242	0.0359	0.1833
1029	SLU 19	0.54	0.88	41.94	-11.2213	0.0359	0.1836
1029	SLU 20	0.55	0.86	42.46	-11.3555	0.0364	0.1873
1029	SLU 21	0.55	0.89	42.45	-11.3525	0.0364	0.1877
1029	SLU 22	0.52	0.85	40.08	-10.715	0.034	0.1788
1029	SLU 23	0.53	0.89	40.05	-10.71	0.0339	0.1794
1029	SLU 24	0.54	0.87	40.92	-10.9311	0.0348	0.1837
1029	SLU 25	0.54	0.89	40.9	-10.9281	0.0347	0.1841
1029	SLU 26	0.54	0.9	40.56	-10.8413	0.0344	0.1834
1029	SLU 27	0.55	0.88	41.42	-11.0623	0.0353	0.1877
1029	SLU 28	0.55	0.9	41.41	-11.0594	0.0352	0.1881
1029	SLU 29	0.55	0.86	41.09	-10.9775	0.035	0.1869
1029	SLU 30	0.55	0.89	41.07	-10.9745	0.0349	0.1872
1029	SLU 31	0.56	0.99	44.57	-11.9123	0.0386	0.1908
1029	SLU 32	0.57	0.98	45.44	-12.1333	0.0394	0.1951
1029	SLU 33	0.57	1	45.42	-12.1304	0.0394	0.1955
1029	SLU 34	0.57	1	45.08	-12.0436	0.0391	0.1948
1029	SLU 35	0.58	0.98	45.94	-12.2646	0.0399	0.1991
1029	SLU 36	0.59	1.01	45.93	-12.2616	0.0399	0.1995
1029	SLU 37	0.58	0.97	45.61	-12.1798	0.0396	0.1983
1029	SLU 38	0.58	1	45.59	-12.1768	0.0396	0.1986
1029	SLU 39	0.57	1	46.54	-12.4325	0.0407	0.1951
1029	SLU 40	0.57	1.02	46.52	-12.4295	0.0406	0.1955
1029	SLU 41	0.58	1.01	47.04	-12.5638	0.0411	0.1991
1029	SLU 42	0.59	1.03	47.02	-12.5608	0.0411	0.1995
1029	SLU 43	0.62	0.87	44.58	-11.9445	0.0364	0.2131
1029	SLU 44	0.63	0.91	44.56	-11.9395	0.0364	0.2136
1029	SLU 45	0.64	0.89	45.42	-12.1606	0.0372	0.218
1029	SLU 46	0.64	0.92	45.41	-12.1576	0.0372	0.2183
1029	SLU 47	0.64	0.92	45.06	-12.0708	0.0369	0.2177
1029	SLU 48	0.65	0.9	45.93	-12.2919	0.0377	0.222
1029	SLU 49	0.65	0.93	45.91	-12.2889	0.0376	0.2223
1029	SLU 50	0.65	0.89	45.59	-12.207	0.0374	0.2211
1029	SLU 51	0.65	0.91	45.58	-12.2041	0.0374	0.2215
1029	SLU 52	0.66	1.02	49.08	-13.1418	0.041	0.225
1029	SLU 53	0.67	1	49.94	-13.3628	0.0419	0.2294
1029	SLU 54	0.67	1.02	49.93	-13.3599	0.0418	0.2297
1029	SLU 55	0.67	1.02	49.58	-13.2731	0.0415	0.2291
1029	SLU 56	0.68	1.01	50.44	-13.4941	0.0423	0.2334
1029	SLU 57	0.69	1.03	50.43	-13.4911	0.0423	0.2337



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1029	SLU 58	0.68	0.99	50.11	-13.4093	0.042	0.2325
1029	SLU 59	0.68	1.02	50.09	-13.4063	0.042	0.2329
1029	SLU 60	0.67	1.02	51.04	-13.662	0.0431	0.2294
1029	SLU 61	0.67	1.04	51.02	-13.659	0.0431	0.2297
1029	SLU 62	0.68	1.03	51.54	-13.7933	0.0436	0.2334
1029	SLU 63	0.69	1.05	51.53	-13.7903	0.0435	0.2337
1029	SLU 64	0.66	1.01	49.16	-13.1527	0.0412	0.2249
1029	SLU 65	0.66	1.05	49.14	-13.1478	0.0411	0.2254
1029	SLU 66	0.67	1.03	50	-13.3688	0.0419	0.2298
1029	SLU 67	0.67	1.06	49.99	-13.3659	0.0419	0.2301
1029	SLU 68	0.67	1.06	49.64	-13.2791	0.0416	0.2295
1029	SLU 69	0.69	1.04	50.5	-13.5001	0.0424	0.2338
1029	SLU 70	0.69	1.07	50.49	-13.4971	0.0424	0.2341
1029	SLU 71	0.68	1.03	50.17	-13.4153	0.0421	0.2329
1029	SLU 72	0.68	1.05	50.15	-13.4123	0.0421	0.2333
1029	SLU 73	0.69	1.16	53.65	-14.35	0.0458	0.2368
1029	SLU 74	0.71	1.14	54.52	-14.5711	0.0466	0.2412
1029	SLU 75	0.71	1.16	54.5	-14.5681	0.0466	0.2415
1029	SLU 76	0.71	1.17	54.16	-14.4813	0.0462	0.2409
1029	SLU 77	0.72	1.15	55.02	-14.7024	0.0471	0.2452
1029	SLU 78	0.72	1.17	55.01	-14.6994	0.047	0.2455
1029	SLU 79	0.72	1.13	54.69	-14.6175	0.0468	0.2443
1029	SLU 80	0.72	1.16	54.67	-14.6146	0.0467	0.2447
1029	SLU 81	0.71	1.16	55.62	-14.8702	0.0478	0.2412
1029	SLU 82	0.71	1.19	55.6	-14.8673	0.0478	0.2415
1029	SLU 83	0.72	1.17	56.12	-15.0015	0.0483	0.2452
1029	SLU 84	0.72	1.19	56.1	-14.9985	0.0483	0.2455
1029	SLE RA 1	0.5	0.75	36.81	-9.8519	0.0306	0.1704
1029	SLE RA 2	0.5	0.77	36.79	-9.8486	0.0306	0.1708
1029	SLE RA 3	0.51	0.76	37.37	-9.996	0.0311	0.1736
1029	SLE RA 4	0.51	0.78	37.36	-9.994	0.0311	0.1739
1029	SLE RA 5	0.51	0.78	37.13	-9.9362	0.0309	0.1734
1029	SLE RA 6	0.52	0.77	37.71	-10.0835	0.0315	0.1763
1029	SLE RA 7	0.52	0.78	37.7	-10.0815	0.0314	0.1766
1029	SLE RA 8	0.52	0.76	37.48	-10.027	0.0313	0.1758
1029	SLE RA 9	0.52	0.77	37.47	-10.025	0.0312	0.176
1029	SLE RA 10	0.52	0.84	39.81	-10.6501	0.0337	0.1784
1029	SLE RA 11	0.53	0.83	40.38	-10.7975	0.0342	0.1812
1029	SLE RA 12	0.53	0.85	40.37	-10.7955	0.0342	0.1815
1029	SLE RA 13	0.53	0.85	40.14	-10.7377	0.034	0.181
1029	SLE RA 14	0.54	0.84	40.72	-10.885	0.0346	0.1839
1029	SLE RA 15	0.54	0.85	40.71	-10.883	0.0345	0.1842
1029	SLE RA 16	0.54	0.83	40.49	-10.8285	0.0344	0.1834
1029	SLE RA 17	0.54	0.84	40.48	-10.8265	0.0343	0.1836
1029	SLE RA 18	0.53	0.85	41.11	-10.9969	0.0351	0.1812
1029	SLE RA 19	0.53	0.86	41.1	-10.995	0.035	0.1815
1029	SLE RA 20	0.54	0.85	41.45	-11.0845	0.0354	0.1839
1029	SLE RA 21	0.54	0.87	41.44	-11.0825	0.0354	0.1842
1029	SLE FR 1	0.5	0.75	36.81	-9.8519	0.0306	0.1704
1029	SLE FR 2	0.5	0.75	36.81	-9.8513	0.0306	0.1705
1029	SLE FR 3	0.5	0.75	36.95	-9.8869	0.0308	0.1715
1029	SLE FR 4	0.51	0.78	38.1	-10.1948	0.032	0.1737
1029	SLE FR 5	0.51	0.78	38.24	-10.2304	0.0321	0.1747
1029	SLE FR 6	0.52	0.8	38.96	-10.4244	0.0328	0.1758
1029	SLE QP 1	0.5	0.75	36.81	-9.8519	0.0306	0.1704
1029	SLE QP 2	0.51	0.78	38.1	-10.1954	0.032	0.1736
1029	SLD 1	4.38	0.97	34.85	-9.6205	0.0399	1.5269
1029	SLD 2	3.99	1.13	34.76	-9.5987	0.04	1.3912
1029	SLD 3	4.43	0.03	35.81	-9.8212	0.0416	1.5461
1029	SLD 4	4.04	0.19	35.73	-9.7994	0.0417	1.4104
1029	SLD 5	1.65	2.23	35.68	-9.7226	0.0318	0.5748
1029	SLD 6	1.4	2.33	35.63	-9.7082	0.0318	0.4854
1029	SLD 7	1.84	-0.9	38.89	-10.3914	0.0374	0.6389
1029	SLD 8	1.58	-0.8	38.83	-10.377	0.0374	0.5495
1029	SLD 9	-0.56	2.35	37.37	-10.0139	0.0265	-0.2022
1029	SLD 10	-0.82	2.45	37.31	-9.9995	0.0265	-0.2916
1029	SLD 11	-0.38	-0.78	40.58	-10.6827	0.0321	-0.1381
1029	SLD 12	-0.64	-0.68	40.52	-10.6683	0.0321	-0.2275
1029	SLD 13	-3.02	1.36	40.48	-10.5915	0.0223	-1.0631
1029	SLD 14	-3.41	1.52	40.39	-10.5697	0.0223	-1.1988
1029	SLD 15	-2.97	0.42	41.44	-10.7921	0.0239	-1.0439
1029	SLD 16	-3.36	0.58	41.35	-10.7703	0.024	-1.1796
1029	SLV 1	9.55	1.19	30.52	-8.8562	0.0507	3.3395
1029	SLV 2	8.65	1.56	30.32	-8.8054	0.0508	3.0236
1029	SLV 3	9.68	-0.94	32.7	-9.311	0.0545	3.3841
1029	SLV 4	8.78	-0.57	32.5	-9.2602	0.0546	3.0681
1029	SLV 5	3.19	4.07	32.55	-9.1126	0.0317	1.1107
1029	SLV 6	2.6	4.3	32.42	-9.0798	0.0318	0.9063
1029	SLV 7	3.61	-3.03	39.82	-10.6288	0.0445	1.2591
1029	SLV 8	3.03	-2.79	39.69	-10.5959	0.0446	1.0547
1029	SLV 9	-2.01	4.35	36.51	-9.795	0.0193	-0.7074
1029	SLV 10	-2.59	4.58	36.38	-9.7621	0.0194	-0.9118
1029	SLV 11	-1.58	-2.75	43.78	-11.3111	0.0321	-0.559
1029	SLV 12	-2.17	-2.51	43.65	-11.2783	0.0322	-0.7634
1029	SLV 13	-7.76	2.12	43.71	-11.1306	0.0093	-2.7208
1029	SLV 14	-8.66	2.49	43.51	-11.0799	0.0094	-3.0368
1029	SLV 15	-7.63	-0.01	45.89	-11.5855	0.0131	-2.6763
1029	SLV 16	-8.53	0.36	45.69	-11.5347	0.0133	-2.9922
1029	CRTFP Ux+	0	0	0	0	0	0



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1029	CRTFP Ux-	0	0	0	0	0	0
1029	CRTFP Uy+	0	0	0	0	0	0
1029	CRTFP Uy-	0	0	0	0	0	0
1030	SLU 1	0.52	0.57	34.66	-8.6683	0.0234	0.179
1030	SLU 2	0.53	0.61	34.64	-8.6641	0.0233	0.1796
1030	SLU 3	0.54	0.59	35.48	-8.8625	0.024	0.1842
1030	SLU 4	0.54	0.61	35.46	-8.86	0.024	0.1845
1030	SLU 5	0.54	0.62	35.13	-8.7822	0.0237	0.1838
1030	SLU 6	0.55	0.59	35.97	-8.9806	0.0244	0.1883
1030	SLU 7	0.55	0.62	35.95	-8.9781	0.0244	0.1887
1030	SLU 8	0.55	0.58	35.64	-8.9044	0.0242	0.1873
1030	SLU 9	0.55	0.61	35.63	-8.9019	0.0241	0.1877
1030	SLU 10	0.56	0.7	39.02	-9.7434	0.0273	0.1921
1030	SLU 11	0.58	0.68	39.86	-9.9418	0.028	0.1966
1030	SLU 12	0.58	0.71	39.84	-9.9393	0.0279	0.197
1030	SLU 13	0.57	0.71	39.51	-9.8615	0.0277	0.1963
1030	SLU 14	0.59	0.69	40.35	-10.0599	0.0283	0.2008
1030	SLU 15	0.59	0.71	40.33	-10.0574	0.0283	0.2012
1030	SLU 16	0.58	0.68	40.02	-9.9837	0.0281	0.1998
1030	SLU 17	0.59	0.7	40.01	-9.9812	0.0281	0.2002
1030	SLU 18	0.58	0.7	40.92	-10.2101	0.029	0.1968
1030	SLU 19	0.58	0.73	40.9	-10.2076	0.029	0.1972
1030	SLU 20	0.59	0.71	41.41	-10.3282	0.0294	0.201
1030	SLU 21	0.59	0.73	41.39	-10.3257	0.0294	0.2013
1030	SLU 22	0.56	0.69	39.1	-9.7523	0.0274	0.1919
1030	SLU 23	0.56	0.74	39.07	-9.7482	0.0273	0.1925
1030	SLU 24	0.58	0.71	39.91	-9.9466	0.028	0.1971
1030	SLU 25	0.58	0.74	39.9	-9.9441	0.028	0.1974
1030	SLU 26	0.58	0.74	39.56	-9.8663	0.0277	0.1967
1030	SLU 27	0.59	0.72	40.4	-10.0647	0.0284	0.2012
1030	SLU 28	0.59	0.75	40.39	-10.0622	0.0284	0.2016
1030	SLU 29	0.59	0.71	40.08	-9.9885	0.0282	0.2002
1030	SLU 30	0.59	0.73	40.06	-9.986	0.0281	0.2006
1030	SLU 31	0.6	0.83	43.45	-10.8275	0.0313	0.205
1030	SLU 32	0.61	0.81	44.3	-11.0259	0.0319	0.2095
1030	SLU 33	0.61	0.83	44.28	-11.0234	0.0319	0.2099
1030	SLU 34	0.61	0.84	43.95	-10.9455	0.0317	0.2092
1030	SLU 35	0.63	0.81	44.79	-11.1439	0.0323	0.2137
1030	SLU 36	0.63	0.84	44.77	-11.1414	0.0323	0.2141
1030	SLU 37	0.62	0.8	44.46	-11.0678	0.0321	0.2127
1030	SLU 38	0.62	0.83	44.44	-11.0653	0.0321	0.2131
1030	SLU 39	0.61	0.83	45.36	-11.2942	0.033	0.2097
1030	SLU 40	0.62	0.85	45.34	-11.2917	0.033	0.2101
1030	SLU 41	0.63	0.83	45.85	-11.4122	0.0334	0.2139
1030	SLU 42	0.63	0.86	45.83	-11.4097	0.0334	0.2142
1030	SLU 43	0.67	0.7	43.54	-10.8971	0.0291	0.2283
1030	SLU 44	0.67	0.74	43.51	-10.8929	0.029	0.2289
1030	SLU 45	0.68	0.71	44.35	-11.0913	0.0297	0.2334
1030	SLU 46	0.68	0.74	44.34	-11.0888	0.0296	0.2338
1030	SLU 47	0.68	0.74	44	-11.011	0.0294	0.2331
1030	SLU 48	0.7	0.72	44.84	-11.2094	0.0301	0.2376
1030	SLU 49	0.7	0.75	44.83	-11.2069	0.03	0.238
1030	SLU 50	0.69	0.71	44.52	-11.1332	0.0298	0.2366
1030	SLU 51	0.69	0.73	44.5	-11.1308	0.0298	0.237
1030	SLU 52	0.71	0.83	47.89	-11.9722	0.0329	0.2414
1030	SLU 53	0.72	0.81	48.73	-12.1706	0.0336	0.2459
1030	SLU 54	0.72	0.83	48.72	-12.1681	0.0336	0.2463
1030	SLU 55	0.72	0.84	48.38	-12.0903	0.0333	0.2455
1030	SLU 56	0.73	0.82	49.22	-12.2887	0.034	0.2501
1030	SLU 57	0.73	0.84	49.21	-12.2862	0.034	0.2504
1030	SLU 58	0.73	0.8	48.9	-12.2125	0.0338	0.2491
1030	SLU 59	0.73	0.83	48.88	-12.21	0.0337	0.2495
1030	SLU 60	0.72	0.83	49.79	-12.4389	0.0347	0.2461
1030	SLU 61	0.72	0.85	49.78	-12.4364	0.0346	0.2464
1030	SLU 62	0.73	0.84	50.28	-12.557	0.0351	0.2502
1030	SLU 63	0.73	0.86	50.27	-12.5545	0.035	0.2506
1030	SLU 64	0.71	0.82	47.97	-11.9811	0.033	0.2412
1030	SLU 65	0.71	0.86	47.95	-11.977	0.033	0.2418
1030	SLU 66	0.72	0.84	48.79	-12.1754	0.0337	0.2463
1030	SLU 67	0.72	0.87	48.78	-12.1729	0.0336	0.2467
1030	SLU 68	0.72	0.87	48.44	-12.0951	0.0334	0.246
1030	SLU 69	0.73	0.85	49.28	-12.2935	0.034	0.2505
1030	SLU 70	0.73	0.87	49.27	-12.291	0.034	0.2509
1030	SLU 71	0.73	0.83	48.95	-12.2173	0.0338	0.2495
1030	SLU 72	0.73	0.86	48.94	-12.2148	0.0338	0.2499
1030	SLU 73	0.74	0.96	52.33	-13.0563	0.0369	0.2543
1030	SLU 74	0.76	0.93	53.17	-13.2547	0.0376	0.2588
1030	SLU 75	0.76	0.96	53.16	-13.2522	0.0376	0.2592
1030	SLU 76	0.76	0.96	52.82	-13.1743	0.0373	0.2584
1030	SLU 77	0.77	0.94	53.66	-13.3727	0.038	0.263
1030	SLU 78	0.77	0.97	53.65	-13.3702	0.0379	0.2633
1030	SLU 79	0.77	0.93	53.34	-13.2966	0.0378	0.262
1030	SLU 80	0.77	0.95	53.32	-13.2941	0.0377	0.2624
1030	SLU 81	0.76	0.95	54.23	-13.523	0.0387	0.259
1030	SLU 82	0.76	0.98	54.22	-13.5205	0.0386	0.2593
1030	SLU 83	0.77	0.96	54.72	-13.641	0.0391	0.2631
1030	SLU 84	0.77	0.99	54.71	-13.6386	0.039	0.2635
1030	SLE RA 1	0.53	0.6	35.93	-8.978	0.0245	0.1827
1030	SLE RA 2	0.54	0.63	35.91	-8.9752	0.0245	0.1831



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1030	SLE RA 3	0.54	0.62	36.47	-9.1075	0.025	0.1861
1030	SLE RA 4	0.55	0.63	36.46	-9.1058	0.0249	0.1864
1030	SLE RA 5	0.54	0.64	36.24	-9.054	0.0248	0.1859
1030	SLE RA 6	0.55	0.62	36.8	-9.1862	0.0252	0.1889
1030	SLE RA 7	0.55	0.64	36.79	-9.1846	0.0252	0.1892
1030	SLE RA 8	0.55	0.61	36.58	-9.1354	0.0251	0.1883
1030	SLE RA 9	0.55	0.63	36.57	-9.1338	0.025	0.1885
1030	SLE RA 10	0.56	0.69	38.83	-9.6948	0.0271	0.1914
1030	SLE RA 11	0.57	0.68	39.39	-9.827	0.0276	0.1944
1030	SLE RA 12	0.57	0.7	39.38	-9.8254	0.0276	0.1947
1030	SLE RA 13	0.57	0.7	39.16	-9.7735	0.0274	0.1942
1030	SLE RA 14	0.58	0.68	39.72	-9.9057	0.0278	0.1972
1030	SLE RA 15	0.58	0.7	39.71	-9.9041	0.0278	0.1975
1030	SLE RA 16	0.58	0.68	39.5	-9.855	0.0277	0.1966
1030	SLE RA 17	0.58	0.69	39.49	-9.8533	0.0277	0.1968
1030	SLE RA 18	0.57	0.69	40.1	-10.0059	0.0283	0.1945
1030	SLE RA 19	0.57	0.71	40.09	-10.0042	0.0283	0.1948
1030	SLE RA 20	0.58	0.7	40.43	-10.0846	0.0285	0.1973
1030	SLE RA 21	0.58	0.71	40.42	-10.0829	0.0285	0.1976
1030	SLE FR 1	0.53	0.6	35.93	-8.978	0.0245	0.1827
1030	SLE FR 2	0.54	0.61	35.92	-8.9775	0.0245	0.1828
1030	SLE FR 3	0.54	0.61	36.06	-9.0095	0.0246	0.1838
1030	SLE FR 4	0.55	0.64	37.18	-9.2858	0.0257	0.1863
1030	SLE FR 5	0.55	0.63	37.31	-9.3179	0.0258	0.1874
1030	SLE FR 6	0.55	0.65	38.01	-9.492	0.0264	0.1886
1030	SLE QP 1	0.53	0.6	35.93	-8.978	0.0245	0.1827
1030	SLE QP 2	0.55	0.63	37.18	-9.2864	0.0257	0.1862
1030	SLD 1	4.41	0.84	33.66	-8.7425	0.0347	1.5414
1030	SLD 2	4.02	1.01	33.57	-8.7172	0.0349	1.4052
1030	SLD 3	4.47	-0.09	34.59	-8.9223	0.0361	1.5606
1030	SLD 4	4.08	0.08	34.5	-8.8971	0.0363	1.4244
1030	SLD 5	1.69	2.07	34.73	-8.855	0.0263	0.5882
1030	SLD 6	1.44	2.18	34.67	-8.8383	0.0264	0.4985
1030	SLD 7	1.88	-1.02	37.82	-9.4545	0.0309	0.652
1030	SLD 8	1.62	-0.91	37.77	-9.4378	0.031	0.5623
1030	SLD 9	-0.53	2.17	36.59	-9.1349	0.0203	-0.1898
1030	SLD 10	-0.79	2.28	36.53	-9.1183	0.0205	-0.2795
1030	SLD 11	-0.35	-0.92	39.69	-9.7344	0.0249	-0.126
1030	SLD 12	-0.6	-0.81	39.63	-9.7178	0.0251	-0.2157
1030	SLD 13	-2.99	1.18	39.86	-9.6757	0.015	-1.0519
1030	SLD 14	-3.38	1.35	39.77	-9.6504	0.0152	-1.1881
1030	SLD 15	-2.93	0.26	40.79	-9.8556	0.0164	-1.0328
1030	SLD 16	-3.32	0.43	40.7	-9.8303	0.0166	-1.169
1030	SLV 1	9.6	1.07	28.96	-8.0189	0.0469	3.3567
1030	SLV 2	8.69	1.47	28.75	-7.96	0.0474	3.0396
1030	SLV 3	9.72	-1.03	31.06	-8.4271	0.0501	3.4011
1030	SLV 4	8.82	-0.63	30.85	-8.3682	0.0506	3.0839
1030	SLV 5	3.23	3.88	31.56	-8.2972	0.0272	1.1252
1030	SLV 6	2.64	4.14	31.43	-8.2592	0.0274	0.92
1030	SLV 7	3.65	-3.13	38.57	-9.6579	0.0377	1.2729
1030	SLV 8	3.06	-2.87	38.44	-9.6198	0.038	1.0677
1030	SLV 9	-1.97	4.13	35.92	-8.9529	0.0133	-0.6952
1030	SLV 10	-2.56	4.39	35.79	-8.9148	0.0136	-0.9005
1030	SLV 11	-1.55	-2.88	42.93	-10.3136	0.0239	-0.5475
1030	SLV 12	-2.13	-2.62	42.8	-10.2755	0.0242	-0.7527
1030	SLV 13	-7.73	1.89	43.5	-10.2045	0.0008	-2.7114
1030	SLV 14	-8.63	2.29	43.3	-10.1457	0.0012	-3.0286
1030	SLV 15	-7.6	-0.21	45.61	-10.6127	0.004	-2.6671
1030	SLV 16	-8.51	0.19	45.4	-10.5539	0.0044	-2.9842
1030	CRTFP Ux+	0	0	0	0	0	0
1030	CRTFP Ux-	0	0	0	0	0	0
1030	CRTFP Uy+	0	0	0	0	0	0
1030	CRTFP Uy-	0	0	0	0	0	0
1031	SLU 1	0.56	0.43	34.12	-8.0851	0.01	0.1907
1031	SLU 2	0.56	0.48	34.1	-8.0816	0.0099	0.1914
1031	SLU 3	0.57	0.45	34.93	-8.2641	0.0102	0.1961
1031	SLU 4	0.57	0.48	34.91	-8.262	0.0102	0.1965
1031	SLU 5	0.57	0.48	34.58	-8.1904	0.0101	0.1957
1031	SLU 6	0.59	0.45	35.41	-8.373	0.0104	0.2004
1031	SLU 7	0.59	0.48	35.39	-8.3709	0.0104	0.2009
1031	SLU 8	0.58	0.44	35.09	-8.3028	0.0103	0.1993
1031	SLU 9	0.58	0.47	35.07	-8.3007	0.0103	0.1998
1031	SLU 10	0.6	0.56	38.39	-9.0714	0.012	0.2049
1031	SLU 11	0.61	0.53	39.21	-9.254	0.0124	0.2096
1031	SLU 12	0.61	0.56	39.2	-9.2519	0.0123	0.21
1031	SLU 13	0.61	0.57	38.87	-9.1803	0.0122	0.2092
1031	SLU 14	0.62	0.54	39.69	-9.3628	0.0125	0.2139
1031	SLU 15	0.63	0.56	39.68	-9.3607	0.0125	0.2143
1031	SLU 16	0.62	0.53	39.37	-9.2926	0.0124	0.2128
1031	SLU 17	0.62	0.55	39.36	-9.2905	0.0124	0.2132
1031	SLU 18	0.61	0.55	40.25	-9.4991	0.013	0.2099
1031	SLU 19	0.61	0.58	40.23	-9.497	0.013	0.2104
1031	SLU 20	0.63	0.56	40.73	-9.608	0.0132	0.2143
1031	SLU 21	0.63	0.58	40.71	-9.6059	0.0131	0.2147
1031	SLU 22	0.6	0.55	38.47	-9.0791	0.0121	0.2047
1031	SLU 23	0.6	0.59	38.44	-9.0756	0.0121	0.2054
1031	SLU 24	0.61	0.56	39.27	-9.2581	0.0124	0.2101
1031	SLU 25	0.61	0.59	39.25	-9.256	0.0124	0.2105
1031	SLU 26	0.61	0.59	38.92	-9.1844	0.0123	0.2097



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1031	SLU 27	0.63	0.57	39.75	-9.367	0.0126	0.2144
1031	SLU 28	0.63	0.59	39.73	-9.3649	0.0126	0.2148
1031	SLU 29	0.62	0.55	39.43	-9.2968	0.0125	0.2133
1031	SLU 30	0.62	0.58	39.41	-9.2947	0.0125	0.2137
1031	SLU 31	0.64	0.67	42.73	-10.0654	0.0142	0.2188
1031	SLU 32	0.65	0.64	43.55	-10.2479	0.0145	0.2236
1031	SLU 33	0.65	0.67	43.54	-10.2458	0.0145	0.224
1031	SLU 34	0.65	0.68	43.21	-10.1742	0.0144	0.2232
1031	SLU 35	0.67	0.65	44.03	-10.3568	0.0147	0.2279
1031	SLU 36	0.67	0.67	44.02	-10.3547	0.0147	0.2283
1031	SLU 37	0.66	0.64	43.71	-10.2866	0.0146	0.2268
1031	SLU 38	0.66	0.66	43.7	-10.2845	0.0146	0.2272
1031	SLU 39	0.65	0.66	44.59	-10.4931	0.0152	0.2239
1031	SLU 40	0.66	0.69	44.57	-10.491	0.0151	0.2243
1031	SLU 41	0.67	0.67	45.07	-10.602	0.0153	0.2282
1031	SLU 42	0.67	0.69	45.05	-10.5999	0.0153	0.2287
1031	SLU 43	0.71	0.53	42.87	-10.1698	0.0122	0.2431
1031	SLU 44	0.71	0.57	42.85	-10.1663	0.0122	0.2438
1031	SLU 45	0.73	0.54	43.68	-10.3489	0.0125	0.2485
1031	SLU 46	0.73	0.57	43.66	-10.3468	0.0125	0.2489
1031	SLU 47	0.72	0.58	43.33	-10.2752	0.0124	0.2481
1031	SLU 48	0.74	0.55	44.16	-10.4577	0.0127	0.2528
1031	SLU 49	0.74	0.57	44.14	-10.4556	0.0126	0.2533
1031	SLU 50	0.73	0.54	43.84	-10.3875	0.0126	0.2517
1031	SLU 51	0.74	0.56	43.82	-10.3854	0.0126	0.2522
1031	SLU 52	0.75	0.65	47.14	-11.1561	0.0143	0.2573
1031	SLU 53	0.76	0.63	47.96	-11.3387	0.0146	0.262
1031	SLU 54	0.77	0.65	47.95	-11.3366	0.0146	0.2624
1031	SLU 55	0.76	0.66	47.62	-11.265	0.0145	0.2616
1031	SLU 56	0.78	0.63	48.44	-11.4475	0.0148	0.2663
1031	SLU 57	0.78	0.66	48.43	-11.4454	0.0148	0.2667
1031	SLU 58	0.77	0.62	48.12	-11.3774	0.0147	0.2652
1031	SLU 59	0.78	0.65	48.11	-11.3752	0.0147	0.2656
1031	SLU 60	0.77	0.64	48.99	-11.5839	0.0153	0.2623
1031	SLU 61	0.77	0.67	48.98	-11.5818	0.0152	0.2628
1031	SLU 62	0.78	0.65	49.48	-11.6927	0.0154	0.2667
1031	SLU 63	0.78	0.68	49.46	-11.6906	0.0154	0.2671
1031	SLU 64	0.75	0.64	47.21	-11.1638	0.0144	0.2571
1031	SLU 65	0.75	0.68	47.19	-11.1603	0.0143	0.2578
1031	SLU 66	0.77	0.65	48.02	-11.3429	0.0147	0.2625
1031	SLU 67	0.77	0.68	48	-11.3407	0.0146	0.2629
1031	SLU 68	0.77	0.69	47.67	-11.2691	0.0145	0.2621
1031	SLU 69	0.78	0.66	48.5	-11.4517	0.0148	0.2668
1031	SLU 70	0.78	0.68	48.48	-11.4496	0.0148	0.2672
1031	SLU 71	0.78	0.65	48.18	-11.3815	0.0147	0.2657
1031	SLU 72	0.78	0.67	48.16	-11.3794	0.0147	0.2661
1031	SLU 73	0.79	0.76	51.48	-12.1501	0.0165	0.2713
1031	SLU 74	0.81	0.74	52.3	-12.3327	0.0168	0.276
1031	SLU 75	0.81	0.76	52.29	-12.3306	0.0167	0.2764
1031	SLU 76	0.8	0.77	51.96	-12.259	0.0166	0.2756
1031	SLU 77	0.82	0.74	52.78	-12.4415	0.017	0.2803
1031	SLU 78	0.82	0.77	52.77	-12.4394	0.0169	0.2807
1031	SLU 79	0.82	0.73	52.46	-12.3713	0.0169	0.2792
1031	SLU 80	0.82	0.76	52.45	-12.3692	0.0168	0.2796
1031	SLU 81	0.81	0.76	53.34	-12.5778	0.0174	0.2763
1031	SLU 82	0.81	0.78	53.32	-12.5757	0.0174	0.2767
1031	SLU 83	0.82	0.76	53.82	-12.6867	0.0176	0.2806
1031	SLU 84	0.82	0.79	53.8	-12.6846	0.0176	0.2811
1031	SLE RA 1	0.57	0.47	35.36	-8.3691	0.0106	0.1947
1031	SLE RA 2	0.57	0.5	35.35	-8.3667	0.0106	0.1951
1031	SLE RA 3	0.58	0.48	35.9	-8.4884	0.0108	0.1983
1031	SLE RA 4	0.58	0.49	35.89	-8.487	0.0108	0.1986
1031	SLE RA 5	0.58	0.5	35.67	-8.4393	0.0107	0.198
1031	SLE RA 6	0.59	0.48	36.22	-8.561	0.0109	0.2012
1031	SLE RA 7	0.59	0.5	36.21	-8.5596	0.0109	0.2015
1031	SLE RA 8	0.59	0.47	36.01	-8.5142	0.0108	0.2004
1031	SLE RA 9	0.59	0.49	36	-8.5128	0.0108	0.2007
1031	SLE RA 10	0.6	0.55	38.21	-9.0266	0.012	0.2041
1031	SLE RA 11	0.61	0.53	38.76	-9.1483	0.0122	0.2073
1031	SLE RA 12	0.61	0.55	38.75	-9.1469	0.0122	0.2076
1031	SLE RA 13	0.6	0.55	38.53	-9.0992	0.0121	0.207
1031	SLE RA 14	0.61	0.53	39.08	-9.2209	0.0123	0.2102
1031	SLE RA 15	0.61	0.55	39.07	-9.2195	0.0123	0.2104
1031	SLE RA 16	0.61	0.53	38.86	-9.1741	0.0122	0.2094
1031	SLE RA 17	0.61	0.54	38.85	-9.1727	0.0122	0.2097
1031	SLE RA 18	0.61	0.54	39.45	-9.3118	0.0126	0.2075
1031	SLE RA 19	0.61	0.56	39.44	-9.3104	0.0126	0.2078
1031	SLE RA 20	0.61	0.55	39.77	-9.3843	0.0127	0.2104
1031	SLE RA 21	0.62	0.57	39.76	-9.3829	0.0127	0.2107
1031	SLE FR 1	0.57	0.47	35.36	-8.3691	0.0106	0.1947
1031	SLE FR 2	0.57	0.47	35.36	-8.3686	0.0106	0.1948
1031	SLE FR 3	0.57	0.47	35.49	-8.3981	0.0106	0.1958
1031	SLE FR 4	0.58	0.5	36.59	-8.6514	0.0112	0.1986
1031	SLE FR 5	0.58	0.49	36.72	-8.6809	0.0112	0.1997
1031	SLE FR 6	0.59	0.51	37.41	-8.8404	0.0116	0.2011
1031	SLE QP 1	0.57	0.47	35.36	-8.3691	0.0106	0.1947
1031	SLE QP 2	0.58	0.49	36.59	-8.6519	0.0112	0.1985
1031	SLD 1	4.45	0.73	32.75	-8.1024	0.0218	1.5548
1031	SLD 2	4.06	0.91	32.65	-8.0706	0.0222	1.4182



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1031	SLD 3	4.51	-0.19	33.66	-8.2721	0.0227	1.5739
1031	SLD 4	4.11	-0.01	33.56	-8.2403	0.0231	1.4372
1031	SLD 5	1.73	1.92	34.08	-8.2353	0.0129	0.601
1031	SLD 6	1.47	2.04	34.01	-8.2144	0.0132	0.511
1031	SLD 7	1.91	-1.14	37.11	-8.8011	0.016	0.6645
1031	SLD 8	1.65	-1.02	37.04	-8.7801	0.0162	0.5745
1031	SLD 9	-0.49	2	36.14	-8.5237	0.0062	-0.1775
1031	SLD 10	-0.75	2.12	36.07	-8.5027	0.0064	-0.2675
1031	SLD 11	-0.31	-1.06	39.16	-9.0894	0.0092	-0.114
1031	SLD 12	-0.57	-0.94	39.1	-9.0684	0.0095	-0.204
1031	SLD 13	-2.95	0.99	39.62	-9.0635	-0.0007	-1.0402
1031	SLD 14	-3.35	1.17	39.52	-9.0317	-0.0003	-1.1768
1031	SLD 15	-2.9	0.07	40.52	-9.2332	0.0002	-1.0211
1031	SLD 16	-3.29	0.25	40.43	-9.2014	0.0006	-1.1578
1031	SLV 1	9.64	1.01	27.63	-7.3708	0.0361	3.3716
1031	SLV 2	8.72	1.43	27.4	-7.2966	0.037	3.0533
1031	SLV 3	9.76	-1.08	29.69	-7.7565	0.0382	3.4157
1031	SLV 4	8.85	-0.66	29.46	-7.6823	0.0391	3.0974
1031	SLV 5	3.26	3.73	30.82	-7.6954	0.0153	1.1388
1031	SLV 6	2.67	4.01	30.67	-7.6475	0.0159	0.9328
1031	SLV 7	3.68	-3.22	37.68	-8.9811	0.0224	1.2858
1031	SLV 8	3.09	-2.94	37.53	-8.9331	0.0229	1.0799
1031	SLV 9	-1.93	3.92	35.64	-8.3707	-0.0005	-0.6828
1031	SLV 10	-2.52	4.2	35.49	-8.3227	0	-0.8887
1031	SLV 11	-1.51	-3.03	42.51	-9.6563	0.0065	-0.5358
1031	SLV 12	-2.1	-2.75	42.36	-9.6083	0.0071	-0.7417
1031	SLV 13	-7.69	1.64	43.71	-9.6214	-0.0167	-2.7004
1031	SLV 14	-8.6	2.06	43.49	-9.5473	-0.0158	-3.0186
1031	SLV 15	-7.56	-0.45	45.77	-10.0071	-0.0146	-2.6563
1031	SLV 16	-8.48	-0.03	45.54	-9.933	-0.0137	-2.9745
1031	CRTFP Ux+	0	0	0	0	0	0
1031	CRTFP Ux-	0	0	0	0	0	0
1031	CRTFP Uy+	0	0	0	0	0	0
1031	CRTFP Uy-	0	0	0	0	0	0
1032	SLU 1	0.59	0.31	34.09	-7.8827	-0.0082	0.202
1032	SLU 2	0.59	0.36	34.07	-7.8797	-0.0083	0.2028
1032	SLU 3	0.6	0.32	34.89	-8.0564	-0.0084	0.2077
1032	SLU 4	0.61	0.35	34.88	-8.0546	-0.0084	0.2082
1032	SLU 5	0.6	0.36	34.55	-7.9852	-0.0084	0.2073
1032	SLU 6	0.62	0.33	35.37	-8.162	-0.0085	0.2122
1032	SLU 7	0.62	0.35	35.36	-8.1601	-0.0086	0.2127
1032	SLU 8	0.61	0.32	35.05	-8.0938	-0.0084	0.211
1032	SLU 9	0.61	0.34	35.04	-8.092	-0.0085	0.2114
1032	SLU 10	0.63	0.43	38.32	-8.8316	-0.0086	0.2173
1032	SLU 11	0.65	0.4	39.15	-9.0083	-0.0088	0.2222
1032	SLU 12	0.65	0.42	39.13	-9.0065	-0.0088	0.2227
1032	SLU 13	0.65	0.43	38.8	-8.9371	-0.0088	0.2218
1032	SLU 14	0.66	0.4	39.63	-9.1139	-0.0089	0.2267
1032	SLU 15	0.66	0.43	39.61	-9.112	-0.0089	0.2271
1032	SLU 16	0.66	0.39	39.31	-9.0457	-0.0088	0.2255
1032	SLU 17	0.66	0.42	39.29	-9.0439	-0.0088	0.2259
1032	SLU 18	0.65	0.42	40.17	-9.2426	-0.0088	0.2227
1032	SLU 19	0.65	0.44	40.16	-9.2407	-0.0088	0.2232
1032	SLU 20	0.66	0.42	40.65	-9.3481	-0.0089	0.2272
1032	SLU 21	0.66	0.45	40.64	-9.3463	-0.0089	0.2277
1032	SLU 22	0.63	0.41	38.4	-8.8387	-0.0086	0.2171
1032	SLU 23	0.63	0.45	38.38	-8.8356	-0.0086	0.2178
1032	SLU 24	0.65	0.42	39.2	-9.0124	-0.0088	0.2228
1032	SLU 25	0.65	0.45	39.19	-9.0106	-0.0088	0.2232
1032	SLU 26	0.65	0.46	38.86	-8.9412	-0.0087	0.2223
1032	SLU 27	0.66	0.42	39.68	-9.1179	-0.0089	0.2272
1032	SLU 28	0.66	0.45	39.67	-9.1161	-0.0089	0.2277
1032	SLU 29	0.66	0.41	39.36	-9.0498	-0.0088	0.226
1032	SLU 30	0.66	0.44	39.35	-9.0479	-0.0088	0.2265
1032	SLU 31	0.68	0.53	42.64	-9.7875	-0.009	0.2323
1032	SLU 32	0.69	0.49	43.46	-9.9643	-0.0092	0.2372
1032	SLU 33	0.69	0.52	43.45	-9.9624	-0.0092	0.2377
1032	SLU 34	0.69	0.53	43.12	-9.8931	-0.0091	0.2368
1032	SLU 35	0.7	0.5	43.94	-10.0698	-0.0093	0.2417
1032	SLU 36	0.7	0.52	43.93	-10.068	-0.0093	0.2422
1032	SLU 37	0.7	0.49	43.62	-10.0016	-0.0092	0.2405
1032	SLU 38	0.7	0.51	43.6	-9.9998	-0.0092	0.241
1032	SLU 39	0.69	0.51	44.48	-10.1985	-0.0091	0.2378
1032	SLU 40	0.69	0.54	44.47	-10.1967	-0.0092	0.2382
1032	SLU 41	0.71	0.52	44.96	-10.3041	-0.0092	0.2422
1032	SLU 42	0.71	0.54	44.95	-10.3022	-0.0093	0.2427
1032	SLU 43	0.75	0.37	42.84	-9.9198	-0.0106	0.2575
1032	SLU 44	0.75	0.42	42.82	-9.9168	-0.0106	0.2582
1032	SLU 45	0.77	0.38	43.64	-10.0935	-0.0108	0.2632
1032	SLU 46	0.77	0.41	43.63	-10.0917	-0.0108	0.2636
1032	SLU 47	0.76	0.42	43.3	-10.0223	-0.0107	0.2627
1032	SLU 48	0.78	0.39	44.12	-10.1991	-0.0109	0.2676
1032	SLU 49	0.78	0.41	44.11	-10.1972	-0.0109	0.2681
1032	SLU 50	0.77	0.38	43.8	-10.1309	-0.0108	0.2664
1032	SLU 51	0.78	0.41	43.79	-10.1291	-0.0108	0.2669
1032	SLU 52	0.79	0.49	47.07	-10.8687	-0.011	0.2727
1032	SLU 53	0.81	0.46	47.9	-11.0454	-0.0112	0.2777
1032	SLU 54	0.81	0.48	47.88	-11.0436	-0.0112	0.2781
1032	SLU 55	0.81	0.49	47.55	-10.9742	-0.0111	0.2772



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1032	SLU 56	0.82	0.46	48.38	-11.1509	-0.0113	0.2821
1032	SLU 57	0.82	0.49	48.36	-11.1491	-0.0113	0.2826
1032	SLU 58	0.82	0.45	48.05	-11.0828	-0.0112	0.2809
1032	SLU 59	0.82	0.48	48.04	-11.0809	-0.0112	0.2814
1032	SLU 60	0.81	0.48	48.92	-11.2797	-0.0111	0.2782
1032	SLU 61	0.81	0.5	48.91	-11.2778	-0.0111	0.2786
1032	SLU 62	0.82	0.48	49.4	-11.3852	-0.0112	0.2826
1032	SLU 63	0.82	0.51	49.39	-11.3834	-0.0112	0.2831
1032	SLU 64	0.79	0.47	47.15	-10.8758	-0.0109	0.2725
1032	SLU 65	0.8	0.51	47.13	-10.8727	-0.011	0.2733
1032	SLU 66	0.81	0.48	47.95	-11.0495	-0.0111	0.2782
1032	SLU 67	0.81	0.51	47.94	-11.0476	-0.0111	0.2787
1032	SLU 68	0.81	0.52	47.61	-10.9782	-0.0111	0.2778
1032	SLU 69	0.82	0.48	48.43	-11.155	-0.0112	0.2827
1032	SLU 70	0.82	0.51	48.42	-11.1532	-0.0113	0.2832
1032	SLU 71	0.82	0.48	48.11	-11.0868	-0.0111	0.2815
1032	SLU 72	0.82	0.5	48.1	-11.085	-0.0112	0.2819
1032	SLU 73	0.84	0.59	51.38	-11.8246	-0.0113	0.2878
1032	SLU 74	0.85	0.55	52.21	-12.0013	-0.0115	0.2927
1032	SLU 75	0.85	0.58	52.19	-11.9995	-0.0115	0.2932
1032	SLU 76	0.85	0.59	51.86	-11.9301	-0.0115	0.2923
1032	SLU 77	0.86	0.56	52.69	-12.1069	-0.0116	0.2972
1032	SLU 78	0.87	0.58	52.67	-12.105	-0.0116	0.2976
1032	SLU 79	0.86	0.55	52.37	-12.0387	-0.0115	0.296
1032	SLU 80	0.86	0.57	52.35	-12.0369	-0.0115	0.2964
1032	SLU 81	0.85	0.57	53.23	-12.2356	-0.0115	0.2932
1032	SLU 82	0.85	0.6	53.22	-12.2338	-0.0115	0.2937
1032	SLU 83	0.87	0.58	53.71	-12.3411	-0.0116	0.2977
1032	SLU 84	0.87	0.6	53.7	-12.3393	-0.0116	0.2982
1032	SLE RA 1	0.6	0.34	35.32	-8.1559	-0.0083	0.2063
1032	SLE RA 2	0.6	0.37	35.31	-8.1538	-0.0083	0.2068
1032	SLE RA 3	0.61	0.35	35.86	-8.2717	-0.0085	0.2101
1032	SLE RA 4	0.61	0.37	35.85	-8.2704	-0.0085	0.2104
1032	SLE RA 5	0.61	0.37	35.63	-8.2242	-0.0084	0.2098
1032	SLE RA 6	0.62	0.35	36.18	-8.342	-0.0085	0.2131
1032	SLE RA 7	0.62	0.37	36.17	-8.3408	-0.0085	0.2134
1032	SLE RA 8	0.62	0.34	35.96	-8.2966	-0.0085	0.2123
1032	SLE RA 9	0.62	0.36	35.95	-8.2954	-0.0085	0.2126
1032	SLE RA 10	0.63	0.42	38.14	-8.7884	-0.0086	0.2165
1032	SLE RA 11	0.64	0.4	38.69	-8.9063	-0.0087	0.2198
1032	SLE RA 12	0.64	0.41	38.68	-8.905	-0.0087	0.2201
1032	SLE RA 13	0.64	0.42	38.46	-8.8588	-0.0087	0.2195
1032	SLE RA 14	0.65	0.4	39.01	-8.9766	-0.0088	0.2228
1032	SLE RA 15	0.65	0.42	39	-8.9754	-0.0088	0.2231
1032	SLE RA 16	0.65	0.39	38.8	-8.9312	-0.0087	0.2219
1032	SLE RA 17	0.65	0.41	38.79	-8.93	-0.0087	0.2223
1032	SLE RA 18	0.64	0.41	39.38	-9.0624	-0.0087	0.2201
1032	SLE RA 19	0.64	0.43	39.37	-9.0612	-0.0087	0.2204
1032	SLE RA 20	0.65	0.41	39.69	-9.1328	-0.0088	0.2231
1032	SLE RA 21	0.65	0.43	39.69	-9.1316	-0.0088	0.2234
1032	SLE FR 1	0.6	0.34	35.32	-8.1559	-0.0083	0.2063
1032	SLE FR 2	0.6	0.35	35.32	-8.1555	-0.0083	0.2064
1032	SLE FR 3	0.6	0.34	35.45	-8.184	-0.0084	0.2075
1032	SLE FR 4	0.61	0.37	36.53	-8.4274	-0.0084	0.2106
1032	SLE FR 5	0.62	0.36	36.67	-8.456	-0.0085	0.2117
1032	SLE FR 6	0.62	0.37	37.35	-8.6092	-0.0085	0.2132
1032	SLE QP 1	0.6	0.34	35.32	-8.1559	-0.0083	0.2063
1032	SLE QP 2	0.61	0.36	36.54	-8.4278	-0.0084	0.2105
1032	SLD 1	4.48	0.64	32.33	-7.831	0.0045	1.5669
1032	SLD 2	4.09	0.83	32.22	-7.7885	0.0051	1.4299
1032	SLD 3	4.54	-0.28	33.24	-8.0028	0.0039	1.5859
1032	SLD 4	4.14	-0.09	33.13	-7.9603	0.0045	1.4489
1032	SLD 5	1.76	1.8	33.92	-7.9959	-0.0037	0.6132
1032	SLD 6	1.5	1.93	33.84	-7.9679	-0.0033	0.523
1032	SLD 7	1.94	-1.26	36.95	-8.5685	-0.0058	0.6764
1032	SLD 8	1.68	-1.13	36.87	-8.5405	-0.0054	0.5861
1032	SLD 9	-0.46	1.85	36.2	-8.3152	-0.0115	-0.1652
1032	SLD 10	-0.72	1.98	36.13	-8.2872	-0.0111	-0.2555
1032	SLD 11	-0.28	-1.21	39.23	-8.8878	-0.0135	-0.1021
1032	SLD 12	-0.54	-1.08	39.16	-8.8598	-0.0131	-0.1923
1032	SLD 13	-2.92	0.81	39.95	-8.8954	-0.0214	-1.0279
1032	SLD 14	-3.31	1	39.83	-8.8529	-0.0207	-1.165
1032	SLD 15	-2.87	-0.11	40.86	-9.0671	-0.022	-1.009
1032	SLD 16	-3.26	0.08	40.74	-9.0247	-0.0214	-1.146
1032	SLV 1	9.67	0.97	26.72	-7.0359	0.0218	3.3839
1032	SLV 2	8.75	1.42	26.45	-6.937	0.0233	3.0649
1032	SLV 3	9.79	-1.11	28.78	-7.4265	0.0204	3.4278
1032	SLV 4	8.88	-0.66	28.51	-7.3276	0.0218	3.1087
1032	SLV 5	3.3	3.62	30.51	-7.435	0.0026	1.1514
1032	SLV 6	2.71	3.91	30.34	-7.371	0.0035	0.9449
1032	SLV 7	3.71	-3.31	37.38	-8.737	-0.0022	1.2975
1032	SLV 8	3.12	-3.02	37.21	-8.673	-0.0013	1.0911
1032	SLV 9	-1.9	3.74	35.87	-8.1827	-0.0156	-0.6702
1032	SLV 10	-2.49	4.03	35.7	-8.1186	-0.0146	-0.8766
1032	SLV 11	-1.48	-3.19	42.73	-9.4847	-0.0204	-0.524
1032	SLV 12	-2.07	-2.9	42.56	-9.4207	-0.0194	-0.7304
1032	SLV 13	-7.65	1.38	44.56	-9.5281	-0.0387	-2.6878
1032	SLV 14	-8.57	1.83	44.3	-9.4292	-0.0372	-3.0069
1032	SLV 15	-7.53	-0.7	46.62	-9.9187	-0.0401	-2.6439



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1032	SLU 16	-8.44	-0.25	46.36	-9.8198	-0.0387	-2.963
1032	CRTFP Ux+	0	0	0	0	0	0
1032	CRTFP Ux-	0	0	0	0	0	0
1032	CRTFP Uy+	0	0	0	0	0	0
1032	CRTFP Uy-	0	0	0	0	0	0
1033	SLU 1	0.62	0.21	34.67	-8.1416	-0.0288	0.213
1033	SLU 2	0.62	0.25	34.65	-8.1388	-0.0288	0.2138
1033	SLU 3	0.63	0.22	35.48	-8.3218	-0.0296	0.219
1033	SLU 4	0.64	0.24	35.47	-8.3201	-0.0296	0.2195
1033	SLU 5	0.63	0.25	35.13	-8.2481	-0.0293	0.2185
1033	SLU 6	0.65	0.22	35.97	-8.4312	-0.03	0.2236
1033	SLU 7	0.65	0.24	35.96	-8.4295	-0.03	0.2241
1033	SLU 8	0.64	0.21	35.64	-8.3603	-0.0297	0.2223
1033	SLU 9	0.65	0.24	35.63	-8.3586	-0.0297	0.2228
1033	SLU 10	0.66	0.32	38.96	-9.1156	-0.0321	0.2293
1033	SLU 11	0.68	0.28	39.79	-9.2986	-0.0328	0.2344
1033	SLU 12	0.68	0.31	39.78	-9.2969	-0.0328	0.2349
1033	SLU 13	0.68	0.32	39.45	-9.2249	-0.0325	0.2339
1033	SLU 14	0.69	0.28	40.28	-9.4079	-0.0332	0.239
1033	SLU 15	0.69	0.31	40.27	-9.4063	-0.0332	0.2395
1033	SLU 16	0.69	0.27	39.95	-9.337	-0.0329	0.2377
1033	SLU 17	0.69	0.3	39.94	-9.3354	-0.0329	0.2382
1033	SLU 18	0.68	0.3	40.83	-9.537	-0.0334	0.2351
1033	SLU 19	0.68	0.33	40.81	-9.5353	-0.0335	0.2356
1033	SLU 20	0.69	0.3	41.31	-9.6463	-0.0339	0.2397
1033	SLU 21	0.7	0.33	41.3	-9.6446	-0.0339	0.2402
1033	SLU 22	0.66	0.29	39.03	-9.1228	-0.032	0.2291
1033	SLU 23	0.67	0.34	39.01	-9.12	-0.0321	0.2299
1033	SLU 24	0.68	0.3	39.85	-9.303	-0.0328	0.235
1033	SLU 25	0.68	0.33	39.84	-9.3013	-0.0328	0.2356
1033	SLU 26	0.68	0.34	39.5	-9.2294	-0.0325	0.2346
1033	SLU 27	0.69	0.3	40.34	-9.4124	-0.0332	0.2397
1033	SLU 28	0.7	0.33	40.32	-9.4107	-0.0332	0.2402
1033	SLU 29	0.69	0.29	40.01	-9.3415	-0.0329	0.2384
1033	SLU 30	0.69	0.32	40	-9.3398	-0.0329	0.2389
1033	SLU 31	0.71	0.4	43.33	-10.0968	-0.0353	0.2454
1033	SLU 32	0.73	0.37	44.16	-10.2798	-0.036	0.2505
1033	SLU 33	0.73	0.39	44.15	-10.2781	-0.036	0.251
1033	SLU 34	0.72	0.4	43.81	-10.2061	-0.0357	0.25
1033	SLU 35	0.74	0.37	44.65	-10.3891	-0.0364	0.2551
1033	SLU 36	0.74	0.39	44.64	-10.3875	-0.0365	0.2556
1033	SLU 37	0.74	0.36	44.32	-10.3183	-0.0361	0.2538
1033	SLU 38	0.74	0.39	44.31	-10.3166	-0.0361	0.2543
1033	SLU 39	0.73	0.38	45.19	-10.5182	-0.0367	0.2511
1033	SLU 40	0.73	0.41	45.18	-10.5165	-0.0367	0.2517
1033	SLU 41	0.74	0.38	45.68	-10.6275	-0.0371	0.2558
1033	SLU 42	0.74	0.41	45.67	-10.6259	-0.0371	0.2563
1033	SLU 43	0.79	0.24	43.57	-10.2476	-0.0364	0.2714
1033	SLU 44	0.79	0.29	43.55	-10.2448	-0.0364	0.2722
1033	SLU 45	0.8	0.25	44.38	-10.4279	-0.0371	0.2774
1033	SLU 46	0.8	0.28	44.37	-10.4262	-0.0371	0.2779
1033	SLU 47	0.8	0.29	44.04	-10.3542	-0.0368	0.2769
1033	SLU 48	0.82	0.25	44.87	-10.5372	-0.0375	0.282
1033	SLU 49	0.82	0.28	44.86	-10.5355	-0.0375	0.2825
1033	SLU 50	0.81	0.24	44.54	-10.4663	-0.0372	0.2807
1033	SLU 51	0.81	0.27	44.53	-10.4647	-0.0372	0.2812
1033	SLU 52	0.83	0.35	47.86	-11.2216	-0.0396	0.2877
1033	SLU 53	0.85	0.31	48.7	-11.4046	-0.0403	0.2928
1033	SLU 54	0.85	0.34	48.68	-11.403	-0.0403	0.2933
1033	SLU 55	0.85	0.35	48.35	-11.331	-0.0401	0.2923
1033	SLU 56	0.86	0.31	49.18	-11.514	-0.0408	0.2974
1033	SLU 57	0.86	0.34	49.17	-11.5123	-0.0408	0.2979
1033	SLU 58	0.86	0.31	48.86	-11.4431	-0.0405	0.2961
1033	SLU 59	0.86	0.33	48.84	-11.4414	-0.0405	0.2966
1033	SLU 60	0.85	0.33	49.73	-11.643	-0.041	0.2935
1033	SLU 61	0.85	0.36	49.72	-11.6413	-0.041	0.294
1033	SLU 62	0.86	0.33	50.22	-11.7524	-0.0414	0.2981
1033	SLU 63	0.86	0.36	50.21	-11.7507	-0.0414	0.2986
1033	SLU 64	0.83	0.33	47.94	-11.2288	-0.0396	0.2875
1033	SLU 65	0.84	0.37	47.92	-11.2261	-0.0396	0.2883
1033	SLU 66	0.85	0.33	48.75	-11.4091	-0.0403	0.2934
1033	SLU 67	0.85	0.36	48.74	-11.4074	-0.0403	0.2939
1033	SLU 68	0.85	0.37	48.4	-11.3354	-0.04	0.2929
1033	SLU 69	0.86	0.34	49.24	-11.5184	-0.0407	0.2981
1033	SLU 70	0.87	0.36	49.23	-11.5168	-0.0408	0.2986
1033	SLU 71	0.86	0.33	48.91	-11.4475	-0.0404	0.2967
1033	SLU 72	0.86	0.36	48.9	-11.4459	-0.0405	0.2972
1033	SLU 73	0.88	0.44	52.23	-12.2028	-0.0428	0.3038
1033	SLU 74	0.9	0.4	53.06	-12.3858	-0.0436	0.3089
1033	SLU 75	0.9	0.43	53.05	-12.3842	-0.0436	0.3094
1033	SLU 76	0.89	0.44	52.72	-12.3122	-0.0433	0.3084
1033	SLU 77	0.91	0.4	53.55	-12.4952	-0.044	0.3135
1033	SLU 78	0.91	0.43	53.54	-12.4935	-0.044	0.314
1033	SLU 79	0.9	0.39	53.22	-12.4243	-0.0437	0.3122
1033	SLU 80	0.91	0.42	53.21	-12.4226	-0.0437	0.3127
1033	SLU 81	0.9	0.42	54.1	-12.6242	-0.0442	0.3095
1033	SLU 82	0.9	0.44	54.08	-12.6226	-0.0442	0.31
1033	SLU 83	0.91	0.42	54.58	-12.7336	-0.0446	0.3142
1033	SLU 84	0.91	0.45	54.57	-12.7319	-0.0446	0.3147



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1033	SLE RA 1	0.63	0.23	35.91	-8.4219	-0.0297	0.2176
1033	SLE RA 2	0.63	0.26	35.9	-8.4201	-0.0298	0.2182
1033	SLE RA 3	0.64	0.24	36.46	-8.5421	-0.0302	0.2216
1033	SLE RA 4	0.64	0.26	36.45	-8.541	-0.0302	0.2219
1033	SLE RA 5	0.64	0.26	36.23	-8.493	-0.03	0.2212
1033	SLE RA 6	0.65	0.24	36.78	-8.615	-0.0305	0.2247
1033	SLE RA 7	0.65	0.26	36.77	-8.6139	-0.0305	0.225
1033	SLE RA 8	0.65	0.23	36.56	-8.5677	-0.0303	0.2238
1033	SLE RA 9	0.65	0.25	36.56	-8.5666	-0.0303	0.2241
1033	SLE RA 10	0.66	0.31	38.78	-9.0712	-0.0319	0.2285
1033	SLE RA 11	0.67	0.28	39.33	-9.1933	-0.0324	0.2319
1033	SLE RA 12	0.67	0.3	39.32	-9.1921	-0.0324	0.2322
1033	SLE RA 13	0.67	0.31	39.1	-9.1441	-0.0322	0.2315
1033	SLE RA 14	0.68	0.28	39.66	-9.2662	-0.0327	0.235
1033	SLE RA 15	0.68	0.3	39.65	-9.265	-0.0327	0.2353
1033	SLE RA 16	0.68	0.28	39.44	-9.2189	-0.0325	0.2341
1033	SLE RA 17	0.68	0.29	39.43	-9.2178	-0.0325	0.2344
1033	SLE RA 18	0.67	0.29	40.02	-9.3522	-0.0328	0.2323
1033	SLE RA 19	0.67	0.31	40.01	-9.3511	-0.0328	0.2326
1033	SLE RA 20	0.68	0.29	40.35	-9.4251	-0.0331	0.2354
1033	SLE RA 21	0.68	0.31	40.34	-9.424	-0.0331	0.2357
1033	SLE FR 1	0.63	0.23	35.91	-8.4219	-0.0297	0.2176
1033	SLE FR 2	0.63	0.24	35.91	-8.4215	-0.0297	0.2177
1033	SLE FR 3	0.63	0.23	36.04	-8.4511	-0.0299	0.2188
1033	SLE FR 4	0.64	0.26	37.14	-8.7006	-0.0307	0.2221
1033	SLE FR 5	0.65	0.25	37.28	-8.7302	-0.0308	0.2232
1033	SLE FR 6	0.65	0.26	37.97	-8.887	-0.0313	0.225
1033	SLE QP 1	0.63	0.23	35.91	-8.4219	-0.0297	0.2176
1033	SLE QP 2	0.64	0.25	37.15	-8.701	-0.0307	0.222
1033	SLD 1	4.51	0.67	32.51	-8.0144	-0.0159	1.5778
1033	SLD 2	4.12	0.87	32.37	-7.9561	-0.0151	1.4405
1033	SLD 3	4.57	-0.26	33.44	-8.2009	-0.017	1.5966
1033	SLD 4	4.17	-0.05	33.3	-8.1426	-0.0161	1.4593
1033	SLD 5	1.79	1.74	34.37	-8.2226	-0.0248	0.6248
1033	SLD 6	1.53	1.87	34.28	-8.1842	-0.0242	0.5344
1033	SLD 7	1.97	-1.34	37.47	-8.8443	-0.0283	0.6875
1033	SLD 8	1.71	-1.2	37.38	-8.8059	-0.0277	0.5971
1033	SLD 9	-0.43	1.7	36.91	-8.5961	-0.0336	-0.1531
1033	SLD 10	-0.68	1.84	36.82	-8.5577	-0.033	-0.2435
1033	SLD 11	-0.25	-1.37	40.01	-9.2178	-0.0371	-0.0904
1033	SLD 12	-0.51	-1.24	39.92	-9.1794	-0.0365	-0.1808
1033	SLD 13	-2.89	0.55	40.99	-9.2594	-0.0452	-1.0153
1033	SLD 14	-3.28	0.76	40.85	-9.2011	-0.0443	-1.1526
1033	SLD 15	-2.83	-0.37	41.92	-9.4459	-0.0463	-0.9964
1033	SLD 16	-3.23	-0.17	41.78	-9.3876	-0.0454	-1.1338
1033	SLV 1	9.69	1.19	26.32	-7.0993	0.0038	3.3939
1033	SLV 2	8.78	1.67	26	-6.9635	0.0058	3.0741
1033	SLV 3	9.82	-0.89	28.43	-7.5231	0.0014	3.4374
1033	SLV 4	8.9	-0.42	28.11	-7.3873	0.0034	3.1176
1033	SLV 5	3.33	3.62	30.76	-7.6013	-0.0171	1.163
1033	SLV 6	2.74	3.93	30.55	-7.5134	-0.0157	0.9561
1033	SLV 7	3.74	-3.34	37.78	-9.014	-0.025	1.3082
1033	SLV 8	3.15	-3.04	37.58	-8.9261	-0.0237	1.1013
1033	SLV 9	-1.86	3.54	36.72	-8.4759	-0.0376	-0.6572
1033	SLV 10	-2.46	3.84	36.51	-8.388	-0.0363	-0.8642
1033	SLV 11	-1.45	-3.43	43.74	-9.8885	-0.0456	-0.5121
1033	SLV 12	-2.04	-3.12	43.53	-9.8007	-0.0443	-0.719
1033	SLV 13	-7.62	0.92	46.18	-10.0146	-0.0648	-2.6736
1033	SLV 14	-8.53	1.4	45.86	-9.8789	-0.0627	-2.9934
1033	SLV 15	-7.49	-1.17	48.29	-10.4384	-0.0672	-2.63
1033	SLV 16	-8.41	-0.69	47.97	-10.3027	-0.0651	-2.9498
1033	CRTFP Ux+	0	0	0	0	0	0
1033	CRTFP Ux-	0	0	0	0	0	0
1033	CRTFP Uy+	0	0	0	0	0	0
1033	CRTFP Uy-	0	0	0	0	0	0
1034	SLU 1	0.64	0.13	35.89	-8.8985	-0.0496	0.2236
1034	SLU 2	0.65	0.18	35.88	-8.8958	-0.0496	0.2245
1034	SLU 3	0.66	0.13	36.74	-9.0981	-0.0509	0.2298
1034	SLU 4	0.66	0.16	36.73	-9.0965	-0.0509	0.2303
1034	SLU 5	0.66	0.18	36.38	-9.0167	-0.0504	0.2293
1034	SLU 6	0.68	0.13	37.25	-9.2189	-0.0516	0.2346
1034	SLU 7	0.68	0.16	37.24	-9.2173	-0.0517	0.2351
1034	SLU 8	0.67	0.13	36.91	-9.1402	-0.0511	0.2332
1034	SLU 9	0.67	0.16	36.9	-9.1386	-0.0511	0.2337
1034	SLU 10	0.69	0.23	40.33	-9.9655	-0.0557	0.2408
1034	SLU 11	0.71	0.19	41.2	-10.1677	-0.057	0.2462
1034	SLU 12	0.71	0.22	41.19	-10.1661	-0.057	0.2467
1034	SLU 13	0.71	0.23	40.84	-10.0863	-0.0565	0.2456
1034	SLU 14	0.72	0.19	41.71	-10.2886	-0.0578	0.2509
1034	SLU 15	0.73	0.22	41.7	-10.287	-0.0578	0.2515
1034	SLU 16	0.72	0.18	41.37	-10.2099	-0.0572	0.2495
1034	SLU 17	0.72	0.21	41.35	-10.2083	-0.0572	0.25
1034	SLU 18	0.71	0.21	42.26	-10.4266	-0.0583	0.2469
1034	SLU 19	0.71	0.24	42.25	-10.425	-0.0584	0.2475
1034	SLU 20	0.73	0.21	42.77	-10.5475	-0.0591	0.2517
1034	SLU 21	0.73	0.24	42.76	-10.5458	-0.0591	0.2523
1034	SLU 22	0.69	0.2	40.41	-9.9734	-0.0557	0.2407
1034	SLU 23	0.7	0.25	40.39	-9.9708	-0.0557	0.2416
1034	SLU 24	0.71	0.21	41.26	-10.173	-0.057	0.2469



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1034	SLU 25	0.71	0.24	41.24	-10.1714	-0.057	0.2474
1034	SLU 26	0.71	0.25	40.9	-10.0916	-0.0565	0.2463
1034	SLU 27	0.73	0.21	41.76	-10.2939	-0.0578	0.2517
1034	SLU 28	0.73	0.24	41.75	-10.2923	-0.0578	0.2522
1034	SLU 29	0.72	0.2	41.42	-10.2152	-0.0572	0.2502
1034	SLU 30	0.72	0.23	41.41	-10.2136	-0.0572	0.2508
1034	SLU 31	0.74	0.31	44.85	-11.0404	-0.0619	0.2579
1034	SLU 32	0.76	0.27	45.71	-11.2427	-0.0631	0.2632
1034	SLU 33	0.76	0.3	45.7	-11.2411	-0.0631	0.2638
1034	SLU 34	0.76	0.31	45.35	-11.1613	-0.0626	0.2627
1034	SLU 35	0.77	0.27	46.22	-11.3636	-0.0639	0.268
1034	SLU 36	0.77	0.29	46.21	-11.362	-0.0639	0.2686
1034	SLU 37	0.77	0.26	45.88	-11.2848	-0.0633	0.2666
1034	SLU 38	0.77	0.29	45.87	-11.2832	-0.0634	0.2671
1034	SLU 39	0.76	0.29	46.78	-11.5015	-0.0645	0.264
1034	SLU 40	0.76	0.31	46.77	-11.4999	-0.0645	0.2646
1034	SLU 41	0.78	0.28	47.28	-11.6224	-0.0652	0.2688
1034	SLU 42	0.78	0.31	47.27	-11.6208	-0.0652	0.2693
1034	SLU 43	0.82	0.14	45.12	-11.1995	-0.0624	0.2848
1034	SLU 44	0.82	0.19	45.1	-11.1968	-0.0624	0.2857
1034	SLU 45	0.84	0.15	45.96	-11.3991	-0.0637	0.291
1034	SLU 46	0.84	0.17	45.95	-11.3975	-0.0637	0.2916
1034	SLU 47	0.84	0.19	45.6	-11.3177	-0.0632	0.2905
1034	SLU 48	0.85	0.14	46.47	-11.5199	-0.0644	0.2958
1034	SLU 49	0.85	0.17	46.46	-11.5183	-0.0644	0.2964
1034	SLU 50	0.85	0.14	46.13	-11.4412	-0.0639	0.2944
1034	SLU 51	0.85	0.17	46.12	-11.4396	-0.0639	0.2949
1034	SLU 52	0.87	0.24	49.55	-12.2665	-0.0685	0.3021
1034	SLU 53	0.89	0.2	50.42	-12.4687	-0.0698	0.3074
1034	SLU 54	0.89	0.23	50.41	-12.4671	-0.0698	0.3079
1034	SLU 55	0.88	0.24	50.06	-12.3873	-0.0693	0.3068
1034	SLU 56	0.9	0.2	50.93	-12.5896	-0.0705	0.3122
1034	SLU 57	0.9	0.23	50.92	-12.588	-0.0706	0.3127
1034	SLU 58	0.9	0.2	50.59	-12.5109	-0.07	0.3107
1034	SLU 59	0.9	0.22	50.58	-12.5093	-0.07	0.3113
1034	SLU 60	0.89	0.22	51.49	-12.7276	-0.0711	0.3082
1034	SLU 61	0.89	0.25	51.47	-12.726	-0.0711	0.3087
1034	SLU 62	0.9	0.22	51.99	-12.8484	-0.0719	0.3129
1034	SLU 63	0.9	0.25	51.98	-12.8468	-0.0719	0.3135
1034	SLU 64	0.87	0.22	49.63	-12.2744	-0.0685	0.3019
1034	SLU 65	0.87	0.26	49.61	-12.2717	-0.0685	0.3028
1034	SLU 66	0.89	0.22	50.48	-12.474	-0.0698	0.3081
1034	SLU 67	0.89	0.25	50.46	-12.4724	-0.0698	0.3086
1034	SLU 68	0.89	0.26	50.12	-12.3926	-0.0693	0.3076
1034	SLU 69	0.9	0.22	50.98	-12.5949	-0.0705	0.3129
1034	SLU 70	0.9	0.25	50.97	-12.5933	-0.0706	0.3134
1034	SLU 71	0.9	0.21	50.64	-12.5162	-0.07	0.3115
1034	SLU 72	0.9	0.24	50.63	-12.5145	-0.07	0.312
1034	SLU 73	0.92	0.32	54.07	-13.3414	-0.0746	0.3191
1034	SLU 74	0.94	0.28	54.93	-13.5437	-0.0759	0.3245
1034	SLU 75	0.94	0.31	54.92	-13.5421	-0.0759	0.325
1034	SLU 76	0.93	0.32	54.57	-13.4623	-0.0754	0.3239
1034	SLU 77	0.95	0.28	55.44	-13.6646	-0.0767	0.3292
1034	SLU 78	0.95	0.31	55.43	-13.6629	-0.0767	0.3298
1034	SLU 79	0.95	0.27	55.1	-13.5858	-0.0761	0.3278
1034	SLU 80	0.95	0.3	55.09	-13.5842	-0.0761	0.3283
1034	SLU 81	0.94	0.3	56	-13.8025	-0.0772	0.3252
1034	SLU 82	0.94	0.33	55.99	-13.8009	-0.0773	0.3258
1034	SLU 83	0.95	0.3	56.51	-13.9234	-0.078	0.33
1034	SLU 84	0.95	0.33	56.49	-13.9218	-0.078	0.3306
1034	SLE RA 1	0.66	0.15	37.18	-9.2056	-0.0514	0.2285
1034	SLE RA 2	0.66	0.18	37.17	-9.2038	-0.0514	0.2291
1034	SLE RA 3	0.67	0.15	37.75	-9.3387	-0.0522	0.2326
1034	SLE RA 4	0.67	0.17	37.74	-9.3376	-0.0522	0.233
1034	SLE RA 5	0.67	0.18	37.51	-9.2844	-0.0519	0.2323
1034	SLE RA 6	0.68	0.15	38.09	-9.4192	-0.0527	0.2358
1034	SLE RA 7	0.68	0.17	38.08	-9.4182	-0.0527	0.2362
1034	SLE RA 8	0.68	0.15	37.86	-9.3668	-0.0524	0.2348
1034	SLE RA 9	0.68	0.17	37.85	-9.3657	-0.0524	0.2352
1034	SLE RA 10	0.69	0.22	40.14	-9.9169	-0.0554	0.24
1034	SLE RA 11	0.7	0.19	40.72	-10.0518	-0.0563	0.2435
1034	SLE RA 12	0.7	0.21	40.71	-10.0507	-0.0563	0.2439
1034	SLE RA 13	0.7	0.22	40.48	-9.9975	-0.0559	0.2432
1034	SLE RA 14	0.71	0.19	41.06	-10.1324	-0.0568	0.2467
1034	SLE RA 15	0.71	0.21	41.05	-10.1313	-0.0568	0.2471
1034	SLE RA 16	0.71	0.19	40.83	-10.0799	-0.0564	0.2457
1034	SLE RA 17	0.71	0.21	40.82	-10.0788	-0.0564	0.2461
1034	SLE RA 18	0.7	0.2	41.43	-10.2244	-0.0572	0.244
1034	SLE RA 19	0.7	0.22	41.42	-10.2233	-0.0572	0.2444
1034	SLE RA 20	0.71	0.2	41.77	-10.3049	-0.0577	0.2472
1034	SLE RA 21	0.71	0.22	41.76	-10.3039	-0.0577	0.2476
1034	SLE FR 1	0.66	0.15	37.18	-9.2056	-0.0514	0.2285
1034	SLE FR 2	0.66	0.16	37.18	-9.2053	-0.0514	0.2286
1034	SLE FR 3	0.66	0.15	37.32	-9.2378	-0.0516	0.2297
1034	SLE FR 4	0.67	0.17	38.46	-9.5109	-0.0531	0.2333
1034	SLE FR 5	0.68	0.17	38.59	-9.5435	-0.0533	0.2344
1034	SLE FR 6	0.68	0.18	39.31	-9.715	-0.0543	0.2362
1034	SLE QP 1	0.66	0.15	37.18	-9.2056	-0.0514	0.2285
1034	SLE QP 2	0.67	0.17	38.46	-9.5112	-0.0531	0.2331



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1034	SLD 1	4.54	0.6	33.34	-8.6914	-0.0366	1.5874
1034	SLD 2	4.14	0.82	33.17	-8.6116	-0.0354	1.4498
1034	SLD 3	4.59	-0.33	34.31	-8.906	-0.0384	1.606
1034	SLD 4	4.2	-0.11	34.14	-8.8261	-0.0372	1.4685
1034	SLD 5	1.82	1.67	35.48	-8.9542	-0.0456	0.6358
1034	SLD 6	1.56	1.81	35.37	-8.9016	-0.0449	0.5452
1034	SLD 7	2	-1.43	38.72	-9.6694	-0.0516	0.6979
1034	SLD 8	1.74	-1.29	38.61	-9.6168	-0.0508	0.6074
1034	SLD 9	-0.39	1.62	38.31	-9.4057	-0.0554	-0.1411
1034	SLD 10	-0.65	1.76	38.2	-9.3531	-0.0546	-0.2317
1034	SLD 11	-0.22	-1.48	41.55	-10.1208	-0.0614	-0.0789
1034	SLD 12	-0.48	-1.34	41.44	-10.0683	-0.0606	-0.1695
1034	SLD 13	-2.85	0.44	42.78	-10.1963	-0.069	-1.0022
1034	SLD 14	-3.25	0.66	42.61	-10.1165	-0.0679	-1.1398
1034	SLD 15	-2.8	-0.49	43.75	-10.4109	-0.0708	-0.9835
1034	SLD 16	-3.19	-0.27	43.58	-10.331	-0.0697	-1.1211
1034	SLV 1	9.71	1.16	26.5	-7.5988	-0.0144	3.4014
1034	SLV 2	8.8	1.67	26.1	-7.4129	-0.0117	3.081
1034	SLV 3	9.84	-0.95	28.7	-8.0856	-0.0185	3.4446
1034	SLV 4	8.92	-0.44	28.3	-7.8997	-0.0157	3.1242
1034	SLV 5	3.36	3.58	31.6	-8.2315	-0.0359	1.1737
1034	SLV 6	2.77	3.91	31.34	-8.1113	-0.0341	0.9664
1034	SLV 7	3.77	-3.46	38.94	-9.854	-0.0493	1.3176
1034	SLV 8	3.17	-3.13	38.69	-9.7337	-0.0475	1.1103
1034	SLV 9	-1.83	3.46	38.23	-9.2887	-0.0587	-0.6441
1034	SLV 10	-2.42	3.79	37.97	-9.1684	-0.0569	-0.8514
1034	SLV 11	-1.42	-3.57	45.58	-10.9112	-0.0721	-0.5002
1034	SLV 12	-2.01	-3.25	45.32	-10.7909	-0.0704	-0.7075
1034	SLV 13	-7.57	0.77	48.61	-11.1228	-0.0905	-2.6579
1034	SLV 14	-8.49	1.28	48.22	-10.9369	-0.0877	-2.9783
1034	SLV 15	-7.45	-1.34	50.82	-11.6095	-0.0945	-2.6148
1034	SLV 16	-8.37	-0.83	50.42	-11.4236	-0.0918	-2.9351
1034	CRTFP Ux+	0	0	0	0	0	0
1034	CRTFP Ux-	0	0	0	0	0	0
1034	CRTFP Uy+	0	0	0	0	0	0
1034	CRTFP Uy-	0	0	0	0	0	0
1035	SLU 1	0.67	0.08	37.74	-10.1493	-0.0682	0.2338
1035	SLU 2	0.67	0.13	37.73	-10.1465	-0.0682	0.2348
1035	SLU 3	0.69	0.08	38.64	-10.3809	-0.0699	0.2403
1035	SLU 4	0.69	0.11	38.63	-10.3793	-0.0699	0.2409
1035	SLU 5	0.69	0.13	38.26	-10.2865	-0.0692	0.2397
1035	SLU 6	0.7	0.08	39.17	-10.5209	-0.071	0.2452
1035	SLU 7	0.71	0.11	39.16	-10.5193	-0.071	0.2458
1035	SLU 8	0.7	0.07	38.81	-10.4293	-0.0703	0.2437
1035	SLU 9	0.7	0.1	38.8	-10.4276	-0.0703	0.2443
1035	SLU 10	0.72	0.18	42.42	-11.3766	-0.0769	0.252
1035	SLU 11	0.74	0.13	43.33	-11.611	-0.0786	0.2575
1035	SLU 12	0.74	0.16	43.32	-11.6093	-0.0786	0.2581
1035	SLU 13	0.74	0.18	42.95	-11.5166	-0.0779	0.2569
1035	SLU 14	0.75	0.13	43.86	-11.751	-0.0797	0.2624
1035	SLU 15	0.75	0.16	43.85	-11.7494	-0.0797	0.263
1035	SLU 16	0.75	0.13	43.51	-11.6593	-0.0789	0.2609
1035	SLU 17	0.75	0.16	43.49	-11.6577	-0.0789	0.2615
1035	SLU 18	0.74	0.15	44.45	-11.9065	-0.0806	0.2584
1035	SLU 19	0.74	0.18	44.43	-11.9048	-0.0806	0.259
1035	SLU 20	0.76	0.15	44.98	-12.0465	-0.0816	0.2633
1035	SLU 21	0.76	0.18	44.97	-12.0448	-0.0816	0.2639
1035	SLU 22	0.72	0.15	42.49	-11.3859	-0.0769	0.2518
1035	SLU 23	0.73	0.2	42.47	-11.3831	-0.0769	0.2528
1035	SLU 24	0.74	0.15	43.38	-11.6176	-0.0786	0.2583
1035	SLU 25	0.74	0.18	43.37	-11.6159	-0.0786	0.2589
1035	SLU 26	0.74	0.2	43.01	-11.5231	-0.0779	0.2577
1035	SLU 27	0.76	0.15	43.92	-11.7576	-0.0797	0.2632
1035	SLU 28	0.76	0.18	43.91	-11.7559	-0.0797	0.2638
1035	SLU 29	0.75	0.14	43.56	-11.6659	-0.079	0.2617
1035	SLU 30	0.75	0.17	43.55	-11.6642	-0.079	0.2623
1035	SLU 31	0.77	0.25	47.16	-12.6132	-0.0856	0.27
1035	SLU 32	0.79	0.2	48.08	-12.8476	-0.0873	0.2755
1035	SLU 33	0.79	0.23	48.06	-12.846	-0.0873	0.2761
1035	SLU 34	0.79	0.25	47.7	-12.7532	-0.0866	0.2749
1035	SLU 35	0.81	0.2	48.61	-12.9876	-0.0883	0.2804
1035	SLU 36	0.81	0.23	48.6	-12.986	-0.0883	0.281
1035	SLU 37	0.8	0.2	48.25	-12.8959	-0.0876	0.2789
1035	SLU 38	0.8	0.23	48.24	-12.8943	-0.0876	0.2795
1035	SLU 39	0.79	0.22	49.19	-13.1431	-0.0893	0.2764
1035	SLU 40	0.8	0.25	49.18	-13.1414	-0.0893	0.277
1035	SLU 41	0.81	0.22	49.73	-13.2831	-0.0903	0.2813
1035	SLU 42	0.81	0.25	49.72	-13.2815	-0.0903	0.2819
1035	SLU 43	0.85	0.08	47.44	-12.77	-0.0857	0.2978
1035	SLU 44	0.86	0.13	47.42	-12.7673	-0.0857	0.2987
1035	SLU 45	0.87	0.08	48.34	-13.0017	-0.0874	0.3042
1035	SLU 46	0.87	0.11	48.32	-13.0001	-0.0874	0.3048
1035	SLU 47	0.87	0.13	47.96	-12.9073	-0.0867	0.3037
1035	SLU 48	0.89	0.08	48.87	-13.1417	-0.0885	0.3092
1035	SLU 49	0.89	0.11	48.86	-13.1401	-0.0885	0.3098
1035	SLU 50	0.88	0.07	48.51	-13.0501	-0.0877	0.3076
1035	SLU 51	0.88	0.1	48.5	-13.0484	-0.0878	0.3082
1035	SLU 52	0.91	0.18	52.11	-13.9974	-0.0943	0.3159
1035	SLU 53	0.92	0.13	53.03	-14.2318	-0.0961	0.3214



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1035	SLU 54	0.92	0.16	53.01	-14.2301	-0.0961	0.322
1035	SLU 55	0.92	0.18	52.65	-14.1374	-0.0954	0.3209
1035	SLU 56	0.94	0.13	53.56	-14.3718	-0.0971	0.3264
1035	SLU 57	0.94	0.16	53.55	-14.3701	-0.0971	0.327
1035	SLU 58	0.93	0.13	53.2	-14.2801	-0.0964	0.3248
1035	SLU 59	0.93	0.16	53.19	-14.2785	-0.0964	0.3254
1035	SLU 60	0.93	0.15	54.14	-14.5273	-0.0981	0.3223
1035	SLU 61	0.93	0.18	54.13	-14.5256	-0.0981	0.3229
1035	SLU 62	0.94	0.15	54.68	-14.6673	-0.0991	0.3273
1035	SLU 63	0.94	0.18	54.67	-14.6656	-0.0991	0.3279
1035	SLU 64	0.91	0.15	52.19	-14.0067	-0.0944	0.3158
1035	SLU 65	0.91	0.2	52.17	-14.0039	-0.0944	0.3167
1035	SLU 66	0.93	0.15	53.08	-14.2384	-0.0961	0.3223
1035	SLU 67	0.93	0.18	53.07	-14.2367	-0.0961	0.3228
1035	SLU 68	0.92	0.2	52.7	-14.1439	-0.0954	0.3217
1035	SLU 69	0.94	0.15	53.62	-14.3784	-0.0971	0.3272
1035	SLU 70	0.94	0.18	53.6	-14.3767	-0.0971	0.3278
1035	SLU 71	0.93	0.14	53.26	-14.2867	-0.0964	0.3257
1035	SLU 72	0.94	0.17	53.24	-14.285	-0.0964	0.3262
1035	SLU 73	0.96	0.25	56.86	-15.234	-0.103	0.3339
1035	SLU 74	0.97	0.2	57.77	-15.4684	-0.1048	0.3395
1035	SLU 75	0.98	0.23	57.76	-15.4668	-0.1048	0.34
1035	SLU 76	0.97	0.25	57.39	-15.374	-0.1041	0.3389
1035	SLU 77	0.99	0.2	58.31	-15.6084	-0.1058	0.3444
1035	SLU 78	0.99	0.23	58.3	-15.6068	-0.1058	0.345
1035	SLU 79	0.98	0.2	57.95	-15.5167	-0.1051	0.3429
1035	SLU 80	0.99	0.23	57.94	-15.5151	-0.1051	0.3434
1035	SLU 81	0.98	0.22	58.89	-15.7639	-0.1067	0.3404
1035	SLU 82	0.98	0.25	58.88	-15.7622	-0.1067	0.3409
1035	SLU 83	0.99	0.22	59.42	-15.9039	-0.1078	0.3453
1035	SLU 84	0.99	0.25	59.41	-15.9022	-0.1078	0.3459
1035	SLE RA 1	0.69	0.1	39.1	-10.5026	-0.0707	0.239
1035	SLE RA 2	0.69	0.13	39.09	-10.5007	-0.0707	0.2396
1035	SLE RA 3	0.7	0.1	39.7	-10.657	-0.0718	0.2433
1035	SLE RA 4	0.7	0.12	39.69	-10.6559	-0.0718	0.2437
1035	SLE RA 5	0.7	0.13	39.44	-10.5941	-0.0714	0.2429
1035	SLE RA 6	0.71	0.1	40.05	-10.7504	-0.0725	0.2466
1035	SLE RA 7	0.71	0.12	40.05	-10.7493	-0.0725	0.2469
1035	SLE RA 8	0.7	0.1	39.81	-10.6892	-0.0721	0.2455
1035	SLE RA 9	0.71	0.12	39.81	-10.6882	-0.0721	0.2459
1035	SLE RA 10	0.72	0.17	42.22	-11.3208	-0.0765	0.2511
1035	SLE RA 11	0.73	0.14	42.82	-11.4771	-0.0776	0.2547
1035	SLE RA 12	0.73	0.16	42.82	-11.476	-0.0776	0.2551
1035	SLE RA 13	0.73	0.17	42.57	-11.4141	-0.0772	0.2544
1035	SLE RA 14	0.74	0.13	43.18	-11.5704	-0.0783	0.258
1035	SLE RA 15	0.74	0.15	43.17	-11.5693	-0.0783	0.2584
1035	SLE RA 16	0.74	0.13	42.94	-11.5093	-0.0778	0.257
1035	SLE RA 17	0.74	0.15	42.93	-11.5082	-0.0778	0.2574
1035	SLE RA 18	0.73	0.15	43.57	-11.6741	-0.0789	0.2553
1035	SLE RA 19	0.73	0.17	43.56	-11.673	-0.0789	0.2557
1035	SLE RA 20	0.74	0.15	43.92	-11.7674	-0.0796	0.2586
1035	SLE RA 21	0.74	0.17	43.92	-11.7663	-0.0796	0.259
1035	SLE FR 1	0.69	0.1	39.1	-10.5026	-0.0707	0.239
1035	SLE FR 2	0.69	0.1	39.1	-10.5022	-0.0707	0.2391
1035	SLE FR 3	0.69	0.1	39.24	-10.5399	-0.0709	0.2403
1035	SLE FR 4	0.7	0.12	40.44	-10.8537	-0.0731	0.244
1035	SLE FR 5	0.7	0.11	40.58	-10.8914	-0.0734	0.2452
1035	SLE FR 6	0.71	0.12	41.33	-11.0883	-0.0748	0.2472
1035	SLE QP 1	0.69	0.1	39.1	-10.5026	-0.0707	0.239
1035	SLE QP 2	0.7	0.11	40.44	-10.854	-0.0731	0.2439
1035	SLD 1	4.56	0.59	34.78	-9.8547	-0.0551	1.5958
1035	SLD 2	4.16	0.83	34.57	-9.748	-0.0537	1.458
1035	SLD 3	4.61	-0.35	35.82	-10.1113	-0.0577	1.6142
1035	SLD 4	4.22	-0.12	35.61	-10.0045	-0.0562	1.4765
1035	SLD 5	1.85	1.65	37.21	-10.1843	-0.0642	0.6462
1035	SLD 6	1.59	1.8	37.07	-10.114	-0.0632	0.5555
1035	SLD 7	2.02	-1.5	40.66	-11.0394	-0.0726	0.7076
1035	SLD 8	1.76	-1.35	40.52	-10.9691	-0.0716	0.6169
1035	SLD 9	-0.36	1.58	40.36	-10.7389	-0.0747	-0.1292
1035	SLD 10	-0.62	1.73	40.22	-10.6686	-0.0737	-0.2199
1035	SLD 11	-0.19	-1.58	43.81	-11.5941	-0.0831	-0.0677
1035	SLD 12	-0.45	-1.43	43.67	-11.5238	-0.0821	-0.1584
1035	SLD 13	-2.82	0.35	45.28	-11.7035	-0.0901	-0.9887
1035	SLD 14	-3.21	0.58	45.07	-11.5968	-0.0886	-1.1265
1035	SLD 15	-2.76	-0.6	46.31	-11.96	-0.0926	-0.9703
1035	SLD 16	-3.16	-0.37	46.1	-11.8533	-0.0911	-1.108
1035	SLV 1	9.73	1.21	27.22	-8.523	-0.0311	3.4067
1035	SLV 2	8.81	1.75	26.73	-8.2745	-0.0277	3.0859
1035	SLV 3	9.85	-0.94	29.57	-9.1041	-0.0368	3.4494
1035	SLV 4	8.93	-0.4	29.08	-8.8555	-0.0333	3.1286
1035	SLV 5	3.39	3.6	33	-9.3165	-0.0525	1.1836
1035	SLV 6	2.79	3.95	32.68	-9.1557	-0.0503	0.9761
1035	SLV 7	3.79	-3.55	40.82	-11.2535	-0.0714	1.3259
1035	SLV 8	3.19	-3.2	40.51	-11.0926	-0.0692	1.1184
1035	SLV 9	-1.79	3.42	40.38	-10.6154	-0.0771	-0.6306
1035	SLV 10	-2.39	3.77	40.06	-10.4545	-0.0749	-0.8382
1035	SLV 11	-1.39	-3.72	48.2	-12.5523	-0.096	-0.4883
1035	SLV 12	-1.99	-3.88	47.88	-12.3915	-0.0938	-0.6959
1035	SLV 13	-7.53	0.62	51.81	-12.8525	-0.113	-2.6408



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1035	SLV 14	-8.45	1.16	51.31	-12.6039	-0.1095	-2.9616
1035	SLV 15	-7.41	-1.52	54.15	-13.4336	-0.1186	-2.5981
1035	SLV 16	-8.33	-0.98	53.66	-13.185	-0.1152	-2.9189
1035	CRTFP Ux+	0	0	0	0	0	0
1035	CRTFP Ux-	0	0	0	0	0	0
1035	CRTFP Uy+	0	0	0	0	0	0
1035	CRTFP Uy-	0	0	0	0	0	0
1036	SLU 1	0.7	0.06	40.1	-11.8621	-0.0816	0.2439
1036	SLU 2	0.7	0.11	40.08	-11.8591	-0.0816	0.2449
1036	SLU 3	0.72	0.06	41.06	-12.1379	-0.0837	0.2506
1036	SLU 4	0.72	0.1	41.04	-12.1361	-0.0837	0.2512
1036	SLU 5	0.71	0.11	40.65	-12.0254	-0.0828	0.25
1036	SLU 6	0.73	0.06	41.63	-12.3042	-0.0849	0.2557
1036	SLU 7	0.73	0.09	41.62	-12.3024	-0.0849	0.2563
1036	SLU 8	0.73	0.06	41.24	-12.1947	-0.0841	0.2541
1036	SLU 9	0.73	0.09	41.23	-12.1929	-0.0841	0.2546
1036	SLU 10	0.75	0.17	45.08	-13.3128	-0.0921	0.2629
1036	SLU 11	0.77	0.12	46.05	-13.5916	-0.0942	0.2686
1036	SLU 12	0.77	0.15	46.04	-13.5898	-0.0942	0.2692
1036	SLU 13	0.77	0.16	45.65	-13.4791	-0.0934	0.268
1036	SLU 14	0.78	0.11	46.62	-13.7579	-0.0954	0.2737
1036	SLU 15	0.78	0.15	46.61	-13.7561	-0.0954	0.2743
1036	SLU 16	0.78	0.11	46.24	-13.6484	-0.0946	0.2721
1036	SLU 17	0.78	0.14	46.22	-13.6466	-0.0946	0.2727
1036	SLU 18	0.77	0.14	47.23	-13.9388	-0.0966	0.2696
1036	SLU 19	0.77	0.17	47.22	-13.937	-0.0966	0.2702
1036	SLU 20	0.78	0.13	47.81	-14.1051	-0.0979	0.2747
1036	SLU 21	0.79	0.17	47.79	-14.1033	-0.0979	0.2753
1036	SLU 22	0.75	0.13	45.15	-13.3242	-0.0921	0.2628
1036	SLU 23	0.75	0.18	45.13	-13.3212	-0.0921	0.2638
1036	SLU 24	0.77	0.13	46.1	-13.6	-0.0942	0.2695
1036	SLU 25	0.77	0.16	46.09	-13.5982	-0.0942	0.2701
1036	SLU 26	0.77	0.18	45.7	-13.4875	-0.0934	0.2689
1036	SLU 27	0.78	0.13	46.68	-13.7663	-0.0955	0.2746
1036	SLU 28	0.79	0.16	46.66	-13.7645	-0.0955	0.2752
1036	SLU 29	0.78	0.12	46.29	-13.6568	-0.0946	0.273
1036	SLU 30	0.78	0.16	46.28	-13.655	-0.0946	0.2736
1036	SLU 31	0.8	0.23	50.12	-14.7749	-0.1026	0.2818
1036	SLU 32	0.82	0.18	51.1	-15.0537	-0.1047	0.2876
1036	SLU 33	0.82	0.22	51.09	-15.0519	-0.1047	0.2882
1036	SLU 34	0.82	0.23	50.7	-14.9412	-0.1039	0.2869
1036	SLU 35	0.84	0.18	51.67	-15.22	-0.106	0.2927
1036	SLU 36	0.84	0.21	51.66	-15.2182	-0.106	0.2932
1036	SLU 37	0.83	0.18	51.29	-15.1105	-0.1051	0.291
1036	SLU 38	0.83	0.21	51.27	-15.1087	-0.1051	0.2916
1036	SLU 39	0.82	0.2	52.28	-15.4009	-0.1071	0.2886
1036	SLU 40	0.83	0.23	52.27	-15.3991	-0.1071	0.2892
1036	SLU 41	0.84	0.2	52.85	-15.5672	-0.1084	0.2937
1036	SLU 42	0.84	0.23	52.84	-15.5654	-0.1084	0.2942
1036	SLU 43	0.89	0.06	50.4	-14.9194	-0.1024	0.3105
1036	SLU 44	0.89	0.11	50.38	-14.9164	-0.1024	0.3115
1036	SLU 45	0.91	0.06	51.36	-15.1952	-0.1045	0.3173
1036	SLU 46	0.91	0.09	51.34	-15.1934	-0.1045	0.3179
1036	SLU 47	0.9	0.11	50.95	-15.0827	-0.1037	0.3166
1036	SLU 48	0.92	0.06	51.93	-15.3615	-0.1058	0.3224
1036	SLU 49	0.92	0.09	51.91	-15.3597	-0.1058	0.3229
1036	SLU 50	0.92	0.05	51.54	-15.252	-0.1049	0.3207
1036	SLU 51	0.92	0.08	51.53	-15.2502	-0.1049	0.3213
1036	SLU 52	0.94	0.16	55.37	-16.3701	-0.113	0.3295
1036	SLU 53	0.96	0.11	56.35	-16.6489	-0.115	0.3353
1036	SLU 54	0.96	0.14	56.34	-16.6471	-0.1151	0.3359
1036	SLU 55	0.96	0.16	55.95	-16.5364	-0.1142	0.3346
1036	SLU 56	0.97	0.11	56.92	-16.8152	-0.1163	0.3404
1036	SLU 57	0.97	0.14	56.91	-16.8134	-0.1163	0.341
1036	SLU 58	0.97	0.1	56.54	-16.7057	-0.1155	0.3387
1036	SLU 59	0.97	0.14	56.52	-16.7039	-0.1155	0.3393
1036	SLU 60	0.96	0.13	57.53	-16.9961	-0.1175	0.3363
1036	SLU 61	0.96	0.16	57.52	-16.9943	-0.1175	0.3369
1036	SLU 62	0.98	0.13	58.1	-17.1624	-0.1187	0.3414
1036	SLU 63	0.98	0.16	58.09	-17.1606	-0.1187	0.342
1036	SLU 64	0.94	0.12	55.45	-16.3815	-0.113	0.3295
1036	SLU 65	0.94	0.18	55.43	-16.3785	-0.113	0.3305
1036	SLU 66	0.96	0.13	56.4	-16.6573	-0.1151	0.3362
1036	SLU 67	0.96	0.16	56.39	-16.6555	-0.1151	0.3368
1036	SLU 68	0.96	0.17	56	-16.5448	-0.1142	0.3356
1036	SLU 69	0.98	0.12	56.98	-16.8236	-0.1163	0.3413
1036	SLU 70	0.98	0.16	56.96	-16.8219	-0.1163	0.3419
1036	SLU 71	0.97	0.12	56.59	-16.7141	-0.1155	0.3397
1036	SLU 72	0.97	0.15	56.58	-16.7123	-0.1155	0.3403
1036	SLU 73	1	0.23	60.42	-17.8322	-0.1235	0.3485
1036	SLU 74	1.01	0.18	61.4	-18.111	-0.1256	0.3542
1036	SLU 75	1.01	0.21	61.39	-18.1092	-0.1256	0.3548
1036	SLU 76	1.01	0.23	60.99	-17.9985	-0.1248	0.3536
1036	SLU 77	1.03	0.18	61.97	-18.2773	-0.1268	0.3593
1036	SLU 78	1.03	0.21	61.96	-18.2755	-0.1268	0.3599
1036	SLU 79	1.02	0.17	61.58	-18.1678	-0.126	0.3577
1036	SLU 80	1.02	0.2	61.57	-18.166	-0.126	0.3583
1036	SLU 81	1.01	0.2	62.58	-18.4582	-0.128	0.3552
1036	SLU 82	1.02	0.23	62.57	-18.4564	-0.128	0.3558



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1036	SLU 83	1.03	0.2	63.15	-18.6245	-0.1293	0.3603
1036	SLU 84	1.03	0.23	63.14	-18.6227	-0.1293	0.3609
1036	SLE RA 1	0.71	0.08	41.54	-12.2798	-0.0846	0.2493
1036	SLE RA 2	0.71	0.12	41.53	-12.2778	-0.0846	0.2499
1036	SLE RA 3	0.72	0.08	42.18	-12.4637	-0.086	0.2538
1036	SLE RA 4	0.73	0.1	42.17	-12.4625	-0.086	0.2542
1036	SLE RA 5	0.72	0.11	41.91	-12.3887	-0.0854	0.2533
1036	SLE RA 6	0.73	0.08	42.56	-12.5746	-0.0868	0.2572
1036	SLE RA 7	0.74	0.1	42.55	-12.5734	-0.0868	0.2576
1036	SLE RA 8	0.73	0.08	42.31	-12.5016	-0.0863	0.2561
1036	SLE RA 9	0.73	0.1	42.3	-12.5004	-0.0863	0.2565
1036	SLE RA 10	0.75	0.15	44.86	-13.247	-0.0916	0.262
1036	SLE RA 11	0.76	0.12	45.51	-13.4328	-0.093	0.2658
1036	SLE RA 12	0.76	0.14	45.5	-13.4316	-0.093	0.2662
1036	SLE RA 13	0.76	0.15	45.24	-13.3578	-0.0924	0.2654
1036	SLE RA 14	0.77	0.12	45.89	-13.5437	-0.0938	0.2692
1036	SLE RA 15	0.77	0.14	45.88	-13.5425	-0.0938	0.2696
1036	SLE RA 16	0.77	0.11	45.63	-13.4707	-0.0933	0.2681
1036	SLE RA 17	0.77	0.13	45.63	-13.4695	-0.0933	0.2685
1036	SLE RA 18	0.76	0.13	46.3	-13.6643	-0.0946	0.2664
1036	SLE RA 19	0.76	0.15	46.29	-13.6631	-0.0946	0.2668
1036	SLE RA 20	0.77	0.13	46.68	-13.7751	-0.0954	0.2698
1036	SLE RA 21	0.77	0.15	46.67	-13.774	-0.0954	0.2702
1036	SLE FR 1	0.71	0.08	41.54	-12.2798	-0.0846	0.2493
1036	SLE FR 2	0.71	0.09	41.54	-12.2794	-0.0846	0.2494
1036	SLE FR 3	0.72	0.08	41.7	-12.3242	-0.0849	0.2506
1036	SLE FR 4	0.73	0.1	42.97	-12.6948	-0.0876	0.2546
1036	SLE FR 5	0.73	0.09	43.12	-12.7395	-0.0879	0.2558
1036	SLE FR 6	0.74	0.11	43.92	-12.972	-0.0896	0.2579
1036	SLE QP 1	0.71	0.08	41.54	-12.2798	-0.0846	0.2493
1036	SLE QP 2	0.73	0.1	42.97	-12.6952	-0.0876	0.2544
1036	SLD 1	4.58	0.61	36.74	-11.4484	-0.0688	1.6032
1036	SLD 2	4.18	0.86	36.48	-11.3125	-0.0671	1.4653
1036	SLD 3	4.63	-0.35	37.85	-11.76	-0.0719	1.6214
1036	SLD 4	4.24	-0.11	37.59	-11.624	-0.0701	1.4834
1036	SLD 5	1.88	1.67	39.45	-11.873	-0.0776	0.6562
1036	SLD 6	1.62	1.83	39.28	-11.7835	-0.0765	0.5654
1036	SLD 7	2.05	-1.54	43.18	-12.9115	-0.0878	0.7168
1036	SLD 8	1.79	-1.38	43	-12.8219	-0.0867	0.626
1036	SLD 9	-0.33	1.57	42.94	-12.5684	-0.0885	-0.1171
1036	SLD 10	-0.59	1.73	42.76	-12.4788	-0.0873	-0.2079
1036	SLD 11	-0.16	-1.64	46.66	-13.6068	-0.0987	-0.0565
1036	SLD 12	-0.42	-1.48	46.49	-13.5173	-0.0976	-0.1473
1036	SLD 13	-2.78	0.3	48.35	-13.7663	-0.105	-0.9746
1036	SLD 14	-3.18	0.54	48.09	-13.6303	-0.1033	-1.1125
1036	SLD 15	-2.73	-0.67	49.47	-14.0778	-0.1081	-0.9564
1036	SLD 16	-3.13	-0.42	49.2	-13.9419	-0.1064	-1.0943
1036	SLV 1	9.74	1.27	28.41	-9.7869	-0.0437	3.4098
1036	SLV 2	8.82	1.84	27.8	-9.4702	-0.0397	3.0887
1036	SLV 3	9.86	-0.91	30.94	-10.4917	-0.0506	3.4519
1036	SLV 4	8.94	-0.34	30.33	-10.1751	-0.0466	3.1308
1036	SLV 5	3.41	3.66	34.87	-10.8086	-0.0646	1.1929
1036	SLV 6	2.81	4.03	34.48	-10.6037	-0.062	0.9851
1036	SLV 7	3.81	-3.62	43.31	-13.1581	-0.0877	1.3333
1036	SLV 8	3.21	-3.25	42.91	-12.9532	-0.0851	1.1254
1036	SLV 9	-1.76	3.44	43.03	-12.4371	-0.0901	-0.6166
1036	SLV 10	-2.35	3.81	42.64	-12.2322	-0.0875	-0.8244
1036	SLV 11	-1.36	-3.84	51.46	-14.7866	-0.1132	-0.4762
1036	SLV 12	-1.96	-3.47	51.07	-14.5817	-0.1106	-0.6841
1036	SLV 13	-7.48	0.53	55.61	-15.2152	-0.1286	-2.6219
1036	SLV 14	-8.4	1.1	55	-14.8986	-0.1245	-2.9431
1036	SLV 15	-7.36	-1.65	58.14	-15.9201	-0.1355	-2.5798
1036	SLV 16	-8.29	-1.08	57.53	-15.6034	-0.1315	-2.901
1036	CRTFP Ux+	0	0	0	0	0	0
1036	CRTFP Ux-	0	0	0	0	0	0
1036	CRTFP Uy+	0	0	0	0	0	0
1036	CRTFP Uy-	0	0	0	0	0	0
1037	SLU 1	0.81	0.08	48.91	-10.8279	1.6838	0.1887
1037	SLU 2	0.81	0.15	48.89	-10.8241	1.6829	0.1866
1037	SLU 3	0.83	0.09	50.09	-11.0851	1.7234	0.1938
1037	SLU 4	0.83	0.12	50.07	-11.0828	1.7229	0.1926
1037	SLU 5	0.83	0.14	49.59	-10.9784	1.7065	0.1907
1037	SLU 6	0.85	0.08	50.79	-11.2394	1.7471	0.1979
1037	SLU 7	0.85	0.12	50.77	-11.2371	1.7465	0.1967
1037	SLU 8	0.84	0.08	50.31	-11.1365	1.7311	0.1968
1037	SLU 9	0.84	0.12	50.3	-11.1342	1.7305	0.1956
1037	SLU 10	0.87	0.21	55	-12.1696	1.8912	0.1983
1037	SLU 11	0.89	0.15	56.2	-12.4306	1.9318	0.2055
1037	SLU 12	0.89	0.18	56.19	-12.4283	1.9312	0.2043
1037	SLU 13	0.89	0.2	55.7	-12.3238	1.9149	0.2024
1037	SLU 14	0.91	0.14	56.9	-12.5848	1.9554	0.2096
1037	SLU 15	0.91	0.18	56.89	-12.5826	1.9549	0.2084
1037	SLU 16	0.9	0.14	56.43	-12.4819	1.9394	0.2085
1037	SLU 17	0.9	0.18	56.41	-12.4796	1.9389	0.2073
1037	SLU 18	0.89	0.17	57.65	-12.75	1.9814	0.2053
1037	SLU 19	0.9	0.21	57.63	-12.7477	1.9809	0.2041
1037	SLU 20	0.91	0.17	58.35	-12.9043	2.005	0.2094
1037	SLU 21	0.91	0.21	58.33	-12.902	2.0045	0.2082
1037	SLU 22	0.87	0.16	55.1	-12.1849	1.8948	0.2004



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1037	SLU 23	0.87	0.22	55.07	-12.1811	1.8939	0.1984
1037	SLU 24	0.89	0.16	56.27	-12.4421	1.9345	0.2056
1037	SLU 25	0.9	0.2	56.26	-12.4398	1.9339	0.2044
1037	SLU 26	0.89	0.22	55.77	-12.3354	1.9176	0.2025
1037	SLU 27	0.91	0.16	56.97	-12.5964	1.9581	0.2097
1037	SLU 28	0.91	0.2	56.96	-12.5941	1.9576	0.2085
1037	SLU 29	0.91	0.16	56.5	-12.4935	1.9421	0.2086
1037	SLU 30	0.91	0.19	56.48	-12.4912	1.9416	0.2074
1037	SLU 31	0.93	0.28	61.19	-13.5266	2.1023	0.2101
1037	SLU 32	0.95	0.22	62.38	-13.7876	2.1428	0.2173
1037	SLU 33	0.96	0.26	62.37	-13.7853	2.1423	0.216
1037	SLU 34	0.95	0.28	61.89	-13.6808	2.1259	0.2141
1037	SLU 35	0.97	0.22	63.08	-13.9418	2.1664	0.2214
1037	SLU 36	0.97	0.26	63.07	-13.9395	2.1659	0.2201
1037	SLU 37	0.97	0.22	62.61	-13.8389	2.1504	0.2203
1037	SLU 38	0.97	0.25	62.6	-13.8366	2.1499	0.2191
1037	SLU 39	0.96	0.25	63.83	-14.107	2.1924	0.2171
1037	SLU 40	0.96	0.28	63.82	-14.1047	2.1919	0.2159
1037	SLU 41	0.97	0.24	64.53	-14.2613	2.2161	0.2212
1037	SLU 42	0.98	0.28	64.52	-14.259	2.2155	0.22
1037	SLU 43	1.03	0.08	61.47	-13.6111	2.1166	0.2412
1037	SLU 44	1.03	0.15	61.44	-13.6072	2.1157	0.2392
1037	SLU 45	1.05	0.09	62.64	-13.8683	2.1562	0.2464
1037	SLU 46	1.05	0.12	62.63	-13.866	2.1557	0.2452
1037	SLU 47	1.05	0.14	62.14	-13.7615	2.1393	0.2433
1037	SLU 48	1.07	0.08	63.34	-14.0225	2.1798	0.2505
1037	SLU 49	1.07	0.12	63.33	-14.0202	2.1793	0.2493
1037	SLU 50	1.06	0.08	62.87	-13.9196	2.1638	0.2494
1037	SLU 51	1.06	0.12	62.85	-13.9173	2.1633	0.2482
1037	SLU 52	1.09	0.21	67.56	-14.9527	2.324	0.2508
1037	SLU 53	1.11	0.15	68.75	-15.2137	2.3645	0.2581
1037	SLU 54	1.11	0.18	68.74	-15.2114	2.364	0.2568
1037	SLU 55	1.11	0.2	68.26	-15.1069	2.3476	0.2549
1037	SLU 56	1.13	0.14	69.45	-15.368	2.3882	0.2622
1037	SLU 57	1.13	0.18	69.44	-15.3657	2.3876	0.2609
1037	SLU 58	1.12	0.14	68.98	-15.265	2.3722	0.2611
1037	SLU 59	1.12	0.18	68.97	-15.2627	2.3716	0.2598
1037	SLU 60	1.11	0.17	70.2	-15.5331	2.4142	0.2579
1037	SLU 61	1.12	0.21	70.19	-15.5308	2.4136	0.2567
1037	SLU 62	1.13	0.17	70.9	-15.6874	2.4378	0.262
1037	SLU 63	1.13	0.2	70.89	-15.6851	2.4373	0.2607
1037	SLU 64	1.09	0.16	67.65	-14.9681	2.3276	0.253
1037	SLU 65	1.09	0.22	67.63	-14.9642	2.3267	0.2509
1037	SLU 66	1.12	0.16	68.83	-15.2253	2.3672	0.2582
1037	SLU 67	1.12	0.2	68.81	-15.223	2.3667	0.2569
1037	SLU 68	1.11	0.22	68.33	-15.1185	2.3504	0.255
1037	SLU 69	1.13	0.16	69.53	-15.3795	2.3909	0.2623
1037	SLU 70	1.13	0.2	69.51	-15.3772	2.3904	0.261
1037	SLU 71	1.13	0.15	69.05	-15.2766	2.3749	0.2612
1037	SLU 72	1.13	0.19	69.04	-15.2743	2.3743	0.26
1037	SLU 73	1.15	0.28	73.74	-16.3097	2.535	0.2626
1037	SLU 74	1.17	0.22	74.94	-16.5707	2.5756	0.2698
1037	SLU 75	1.18	0.26	74.92	-16.5684	2.575	0.2686
1037	SLU 76	1.17	0.28	74.44	-16.4639	2.5587	0.2667
1037	SLU 77	1.19	0.22	75.64	-16.725	2.5992	0.2739
1037	SLU 78	1.19	0.26	75.62	-16.7227	2.5987	0.2727
1037	SLU 79	1.19	0.22	75.17	-16.622	2.5832	0.2728
1037	SLU 80	1.19	0.25	75.15	-16.6197	2.5827	0.2716
1037	SLU 81	1.18	0.25	76.38	-16.8901	2.6252	0.2696
1037	SLU 82	1.18	0.28	76.37	-16.8878	2.6247	0.2684
1037	SLU 83	1.2	0.24	77.09	-17.0444	2.6489	0.2737
1037	SLU 84	1.2	0.28	77.07	-17.0421	2.6483	0.2725
1037	SLE RA 1	0.83	0.11	50.68	-11.2156	1.7441	0.192
1037	SLE RA 2	0.83	0.15	50.66	-11.2131	1.7435	0.1907
1037	SLE RA 3	0.84	0.11	51.46	-11.3871	1.7705	0.1955
1037	SLE RA 4	0.84	0.13	51.45	-11.3856	1.7702	0.1947
1037	SLE RA 5	0.84	0.15	51.13	-11.3159	1.7592	0.1934
1037	SLE RA 6	0.85	0.11	51.93	-11.49	1.7863	0.1982
1037	SLE RA 7	0.85	0.13	51.92	-11.4884	1.7859	0.1974
1037	SLE RA 8	0.85	0.1	51.61	-11.4213	1.7756	0.1975
1037	SLE RA 9	0.85	0.13	51.61	-11.4198	1.7752	0.1967
1037	SLE RA 10	0.87	0.19	54.74	-12.1101	1.8824	0.1984
1037	SLE RA 11	0.88	0.15	55.54	-12.2841	1.9094	0.2032
1037	SLE RA 12	0.88	0.17	55.53	-12.2826	1.909	0.2024
1037	SLE RA 13	0.88	0.19	55.21	-12.2129	1.8981	0.2012
1037	SLE RA 14	0.89	0.15	56	-12.3869	1.9252	0.206
1037	SLE RA 15	0.89	0.17	56	-12.3854	1.9248	0.2052
1037	SLE RA 16	0.89	0.14	55.69	-12.3183	1.9145	0.2052
1037	SLE RA 17	0.89	0.17	55.68	-12.3168	1.9141	0.2044
1037	SLE RA 18	0.88	0.16	56.5	-12.497	1.9425	0.2031
1037	SLE RA 19	0.88	0.19	56.49	-12.4955	1.9421	0.2023
1037	SLE RA 20	0.89	0.16	56.97	-12.5999	1.9582	0.2058
1037	SLE RA 21	0.9	0.19	56.96	-12.5983	1.9579	0.205
1037	SLE FR 1	0.83	0.11	50.68	-11.2156	1.7441	0.192
1037	SLE FR 2	0.83	0.11	50.68	-11.2151	1.744	0.1917
1037	SLE FR 3	0.83	0.11	50.87	-11.2568	1.7504	0.1931
1037	SLE FR 4	0.84	0.13	52.42	-11.5995	1.8035	0.1951
1037	SLE FR 5	0.85	0.12	52.61	-11.6412	1.8099	0.1964
1037	SLE FR 6	0.86	0.13	53.59	-11.8563	1.8433	0.1976



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
1037	SLE QP 1	0.83	0.11	50.68	-11.2156	1.7441	0.192
1037	SLE QP 2	0.84	0.12	52.43	-11.6001	1.8036	0.1953
1037	SLD 1	5.2	0.73	44.12	-10.1036	1.5161	1.2073
1037	SLD 2	4.75	1.02	43.8	-10.0039	1.5167	1.0882
1037	SLD 3	5.26	-0.38	45.52	-10.4009	1.5535	1.2523
1037	SLD 4	4.8	-0.09	45.21	-10.3012	1.5542	1.1332
1037	SLD 5	2.15	1.93	47.86	-10.7181	1.6605	0.452
1037	SLD 6	1.85	2.12	47.65	-10.6525	1.6609	0.3736
1037	SLD 7	2.33	-1.76	52.55	-11.7091	1.7852	0.602
1037	SLD 8	2.04	-1.57	52.34	-11.6434	1.7856	0.5236
1037	SLD 9	-0.35	1.81	52.52	-11.5567	1.8216	-0.1329
1037	SLD 10	-0.65	2.01	52.31	-11.491	1.822	-0.2113
1037	SLD 11	-0.16	-1.88	57.2	-12.5477	1.9463	0.0171
1037	SLD 12	-0.46	-1.68	57	-12.482	1.9467	-0.0613
1037	SLD 13	-3.12	0.33	59.64	-12.8989	2.053	-0.7425
1037	SLD 14	-3.57	0.63	59.33	-12.7992	2.0537	-0.8616
1037	SLD 15	-3.06	-0.77	61.05	-13.1962	2.0905	-0.6975
1037	SLD 16	-3.51	-0.48	60.74	-13.0965	2.0911	-0.8166
1037	SLV 1	11.03	1.49	33.02	-8.1063	1.1312	2.5639
1037	SLV 2	9.98	2.18	32.29	-7.8741	1.1327	2.2866
1037	SLV 3	11.17	-1.02	36.2	-8.7789	1.2165	2.6663
1037	SLV 4	10.11	-0.33	35.47	-8.5467	1.218	2.3891
1037	SLV 5	3.89	4.22	41.9	-9.572	1.4722	0.7986
1037	SLV 6	3.2	4.67	41.43	-9.4218	1.4732	0.6192
1037	SLV 7	4.32	-4.15	52.51	-11.8142	1.7566	1.1401
1037	SLV 8	3.64	-3.7	52.04	-11.6639	1.7576	0.9607
1037	SLV 9	-1.95	3.95	52.81	-11.5362	1.8496	-0.5701
1037	SLV 10	-2.63	4.39	52.34	-11.3859	1.8506	-0.7495
1037	SLV 11	-1.52	-4.42	63.42	-13.7783	2.134	-0.2285
1037	SLV 12	-2.2	-3.98	62.95	-13.6281	2.135	-0.4079
1037	SLV 13	-8.42	0.58	69.39	-14.6534	2.3892	-1.9984
1037	SLV 14	-9.48	1.26	68.66	-14.4212	2.3907	-2.2756
1037	SLV 15	-8.29	-1.93	72.57	-15.326	2.4745	-1.8959
1037	SLV 16	-9.35	-1.25	71.84	-15.0938	2.476	-2.1732
1037	CRTFP Ux+	0	0	0	0	0	0
1037	CRTFP Ux-	0	0	0	0	0	0
1037	CRTFP Uy+	0	0	0	0	0	0
1037	CRTFP Uy-	0	0	0	0	0	0
18249	SLU 1	0.62	-24.66	29.39	5.1568	0.0646	-0.0014
18249	SLU 2	0.63	-4.54	29.33	4.9731	0.0655	-0.0014
18249	SLU 3	0.71	-25.49	36.66	5.4321	0.1017	-0.0018
18249	SLU 4	0.72	-13.42	36.62	5.322	0.1022	-0.0018
18249	SLU 5	0.76	-3.51	37.65	5.1683	0.111	-0.0018
18249	SLU 6	0.85	-24.45	44.98	5.6273	0.1471	-0.0022
18249	SLU 7	0.85	-12.38	44.94	5.5171	0.1477	-0.0022
18249	SLU 8	0.89	-22.59	46.03	5.547	0.1555	-0.0023
18249	SLU 9	0.89	-10.52	45.99	5.4369	0.1561	-0.0023
18249	SLU 10	0.61	-19.25	31.81	5.7647	0.064	-0.0016
18249	SLU 11	0.69	-40.2	39.14	6.2237	0.1001	-0.002
18249	SLU 12	0.7	-28.13	39.11	6.1135	0.1007	-0.002
18249	SLU 13	0.74	-18.21	40.13	5.9598	0.1095	-0.0021
18249	SLU 14	0.83	-39.16	47.46	6.4188	0.1456	-0.0025
18249	SLU 15	0.83	-27.09	47.43	6.3087	0.1462	-0.0025
18249	SLU 16	0.87	-37.3	48.51	6.3386	0.154	-0.0025
18249	SLU 17	0.88	-25.22	48.48	6.2284	0.1546	-0.0025
18249	SLU 18	0.59	-45.67	32.94	6.2876	0.0624	-0.0017
18249	SLU 19	0.6	-33.6	32.9	6.1774	0.063	-0.0017
18249	SLU 20	0.73	-44.64	41.26	6.4827	0.1079	-0.0022
18249	SLU 21	0.73	-32.56	41.22	6.3725	0.1085	-0.0022
18249	SLU 22	0.79	-44.81	36.62	6.0843	0.0945	-0.0018
18249	SLU 23	0.79	-24.69	36.56	5.9006	0.0954	-0.0018
18249	SLU 24	0.88	-45.64	43.89	6.3596	0.1316	-0.0022
18249	SLU 25	0.88	-33.57	43.85	6.2495	0.1321	-0.0022
18249	SLU 26	0.93	-23.65	44.88	6.0958	0.1409	-0.0022
18249	SLU 27	1.01	-44.6	52.21	6.5548	0.1771	-0.0027
18249	SLU 28	1.02	-32.53	52.17	6.4446	0.1776	-0.0027
18249	SLU 29	1.06	-42.73	53.26	6.4745	0.1855	-0.0027
18249	SLU 30	1.06	-30.66	53.23	6.3644	0.186	-0.0027
18249	SLU 31	0.78	-39.4	39.05	6.6922	0.0939	-0.0021
18249	SLU 32	0.86	-60.34	46.38	7.1512	0.1301	-0.0025
18249	SLU 33	0.87	-48.27	46.34	7.041	0.1306	-0.0025
18249	SLU 34	0.91	-38.36	47.37	6.8874	0.1394	-0.0025
18249	SLU 35	1	-59.31	54.69	7.3464	0.1755	-0.0029
18249	SLU 36	1	-47.24	54.66	7.2362	0.1761	-0.0029
18249	SLU 37	1.04	-57.44	55.75	7.2661	0.1839	-0.003
18249	SLU 38	1.04	-45.37	55.71	7.1559	0.1845	-0.003
18249	SLU 39	0.76	-65.82	40.17	7.2151	0.0923	-0.0022
18249	SLU 40	0.77	-53.75	40.13	7.1049	0.0929	-0.0022
18249	SLU 41	0.9	-64.78	48.49	7.4102	0.1378	-0.0026
18249	SLU 42	0.9	-52.71	48.45	7.3001	0.1384	-0.0026
18249	SLU 43	0.75	-25.15	35.73	6.3858	0.0737	-0.0016
18249	SLU 44	0.75	-5.03	35.67	6.2022	0.0746	-0.0016
18249	SLU 45	0.84	-25.98	43	6.6612	0.1108	-0.0021
18249	SLU 46	0.84	-13.91	42.96	6.551	0.1113	-0.0021
18249	SLU 47	0.89	-4	43.99	6.3973	0.1201	-0.0021
18249	SLU 48	0.97	-24.95	51.32	6.8563	0.1562	-0.0025
18249	SLU 49	0.98	-12.87	51.28	6.7461	0.1568	-0.0025
18249	SLU 50	1.02	-23.08	52.37	6.776	0.1646	-0.0025
18249	SLU 51	1.02	-11.01	52.33	6.6659	0.1652	-0.0025



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18249	SLU 52	0.74	-19.74	38.15	6.9937	0.0731	-0.0019
18249	SLU 53	0.82	-40.69	45.48	7.4527	0.1093	-0.0023
18249	SLU 54	0.83	-28.62	45.44	7.3426	0.1098	-0.0023
18249	SLU 55	0.87	-18.71	46.47	7.1889	0.1186	-0.0023
18249	SLU 56	0.96	-39.65	53.8	7.6479	0.1547	-0.0028
18249	SLU 57	0.96	-27.58	53.76	7.5377	0.1553	-0.0028
18249	SLU 58	1	-37.79	54.85	7.5676	0.1631	-0.0028
18249	SLU 59	1.01	-25.72	54.81	7.4575	0.1637	-0.0028
18249	SLU 60	0.72	-46.16	39.28	7.5166	0.0715	-0.002
18249	SLU 61	0.73	-34.09	39.24	7.4064	0.0721	-0.002
18249	SLU 62	0.86	-45.13	47.6	7.7117	0.117	-0.0025
18249	SLU 63	0.86	-33.06	47.56	7.6016	0.1176	-0.0025
18249	SLU 64	0.91	-45.3	42.96	7.3133	0.1036	-0.0021
18249	SLU 65	0.92	-25.18	42.9	7.1297	0.1045	-0.0021
18249	SLU 66	1.01	-46.13	50.23	7.5887	0.1407	-0.0025
18249	SLU 67	1.01	-34.06	50.19	7.4785	0.1412	-0.0025
18249	SLU 68	1.06	-24.14	51.22	7.3248	0.15	-0.0025
18249	SLU 69	1.14	-45.09	58.55	7.7838	0.1862	-0.0029
18249	SLU 70	1.15	-33.02	58.51	7.6736	0.1867	-0.0029
18249	SLU 71	1.19	-43.22	59.6	7.7036	0.1946	-0.003
18249	SLU 72	1.19	-31.15	59.56	7.5934	0.1951	-0.003
18249	SLU 73	0.9	-39.89	45.38	7.9212	0.103	-0.0023
18249	SLU 74	0.99	-60.84	52.71	8.3802	0.1392	-0.0027
18249	SLU 75	0.99	-48.77	52.68	8.2701	0.1397	-0.0027
18249	SLU 76	1.04	-38.85	53.7	8.1164	0.1485	-0.0028
18249	SLU 77	1.13	-59.8	61.03	8.5754	0.1847	-0.0032
18249	SLU 78	1.13	-47.73	61	8.4652	0.1852	-0.0032
18249	SLU 79	1.17	-57.93	62.08	8.4951	0.1931	-0.0032
18249	SLU 80	1.17	-45.86	62.05	8.385	0.1936	-0.0032
18249	SLU 81	0.89	-66.31	46.51	8.4441	0.1014	-0.0024
18249	SLU 82	0.89	-54.24	46.47	8.3339	0.102	-0.0024
18249	SLU 83	1.03	-65.27	54.83	8.6393	0.1469	-0.0029
18249	SLU 84	1.03	-53.2	54.79	8.5291	0.1475	-0.0029
18249	SLE RA 1	0.67	-30.42	31.46	5.4218	0.0731	-0.0015
18249	SLE RA 2	0.67	-17.01	31.42	5.2993	0.0737	-0.0015
18249	SLE RA 3	0.73	-30.97	36.3	5.6053	0.0978	-0.0018
18249	SLE RA 4	0.73	-22.92	36.28	5.5319	0.0982	-0.0018
18249	SLE RA 5	0.76	-16.31	36.96	5.4294	0.1041	-0.0018
18249	SLE RA 6	0.82	-30.28	41.85	5.7354	0.1282	-0.0021
18249	SLE RA 7	0.82	-22.23	41.82	5.662	0.1285	-0.0021
18249	SLE RA 8	0.85	-29.03	42.55	5.6819	0.1338	-0.0021
18249	SLE RA 9	0.85	-20.99	42.53	5.6085	0.1341	-0.0021
18249	SLE RA 10	0.66	-26.81	33.07	5.8271	0.0727	-0.0017
18249	SLE RA 11	0.72	-40.78	37.96	6.1331	0.0968	-0.0019
18249	SLE RA 12	0.72	-32.73	37.93	6.0596	0.0972	-0.0019
18249	SLE RA 13	0.75	-26.12	38.62	5.9572	0.1031	-0.002
18249	SLE RA 14	0.81	-40.08	43.51	6.2632	0.1272	-0.0022
18249	SLE RA 15	0.81	-32.04	43.48	6.1897	0.1275	-0.0022
18249	SLE RA 16	0.84	-38.84	44.21	6.2097	0.1328	-0.0023
18249	SLE RA 17	0.84	-30.79	44.18	6.1362	0.1331	-0.0023
18249	SLE RA 18	0.65	-44.42	33.82	6.1756	0.0717	-0.0017
18249	SLE RA 19	0.65	-36.38	33.8	6.1022	0.0721	-0.0017
18249	SLE RA 20	0.74	-43.73	39.37	6.3057	0.102	-0.002
18249	SLE RA 21	0.74	-35.69	39.34	6.2323	0.1024	-0.002
18249	SLE FR 1	0.67	-30.42	31.46	5.4218	0.0731	-0.0015
18249	SLE FR 2	0.67	-27.73	31.45	5.3973	0.0732	-0.0015
18249	SLE FR 3	0.7	-30.14	33.68	5.4738	0.0852	-0.0016
18249	SLE FR 4	0.66	-31.94	32.16	5.6234	0.0728	-0.0016
18249	SLE FR 5	0.7	-34.34	34.39	5.7	0.0848	-0.0017
18249	SLE FR 6	0.66	-37.42	32.64	5.7987	0.0724	-0.0016
18249	SLE QP 1	0.67	-30.42	31.46	5.4218	0.0731	-0.0015
18249	SLE QP 2	0.66	-34.62	32.17	5.6479	0.0727	-0.0016
18249	SLD 1	28.47	-29.89	31.35	4.9558	1.4923	0.0169
18249	SLD 2	27.75	106.51	30.68	3.6981	1.4603	0.0244
18249	SLD 3	28.66	-274.93	32.21	7.2004	1.4774	0.0175
18249	SLD 4	27.95	-138.54	31.55	5.9426	1.4455	0.0249
18249	SLD 5	8.84	313.99	30.73	2.2615	0.5268	0.0018
18249	SLD 6	8.36	403.81	30.29	1.4332	0.5057	0.0067
18249	SLD 7	9.49	-502.81	33.61	9.7434	0.4774	0.0036
18249	SLD 8	9.01	-412.99	33.17	8.9151	0.4563	0.0085
18249	SLD 9	-7.69	343.75	31.16	2.3807	-0.3109	-0.0117
18249	SLD 10	-8.16	433.57	30.72	1.5525	-0.332	-0.0068
18249	SLD 11	-7.04	-473.05	34.04	9.8626	-0.3604	-0.0098
18249	SLD 12	-7.51	-383.23	33.61	9.0343	-0.3814	-0.005
18249	SLD 13	-26.62	69.3	32.79	5.3532	-1.3001	-0.028
18249	SLD 14	-27.34	205.69	32.12	4.0955	-1.3321	-0.0206
18249	SLD 15	-26.43	-175.74	33.65	7.5978	-1.3149	-0.0275
18249	SLD 16	-27.15	-39.35	32.99	6.34	-1.3469	-0.0201
18249	SLV 1	65.75	-31.87	30.26	4.1117	3.3952	0.0418
18249	SLV 2	64.08	285.75	28.72	1.1827	3.3208	0.0591
18249	SLV 3	66.21	-587.49	32.23	9.2	3.3611	0.043
18249	SLV 4	64.54	-269.87	30.69	6.2711	3.2866	0.0603
18249	SLV 5	19.79	753.78	28.87	-2.022	1.1342	0.0065
18249	SLV 6	18.71	959.3	27.87	-3.9172	1.086	0.0177
18249	SLV 7	21.31	-1098.29	35.44	14.9391	1.0203	0.0107
18249	SLV 8	20.23	-892.77	34.45	13.0439	0.9721	0.0219
18249	SLV 9	-18.9	823.53	29.89	-1.7481	-0.8268	-0.025
18249	SLV 10	-19.98	1029.05	28.89	-3.6433	-0.875	-0.0139
18249	SLV 11	-17.38	-1028.54	36.46	15.2131	-0.9406	-0.0208



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18249	SLV 12	-18.46	-823.01	35.46	13.3178	-0.9888	-0.0097
18249	SLV 13	-63.21	200.63	33.64	5.0248	-3.1412	-0.0635
18249	SLV 14	-64.88	518.25	32.1	2.0958	-3.2157	-0.0462
18249	SLV 15	-62.76	-354.99	35.62	10.1131	-3.1754	-0.0622
18249	SLV 16	-64.43	-37.37	34.08	7.1841	-3.2499	-0.0449
18249	CRTFP Ux+	0	0	0	0	0	0
18249	CRTFP Ux-	0	0	0	0	0	0
18249	CRTFP Uy+	0	0	0	0	0	0
18249	CRTFP Uy-	0	0	0	0	0	0
18250	SLU 1	0.41	17.04	27	11.8555	-0.0175	-0.0127
18250	SLU 2	0.41	37.56	26.93	11.6248	-0.0171	-0.0127
18250	SLU 3	0.24	15.3	33.87	11.9939	-0.0545	-0.0136
18250	SLU 4	0.25	27.61	33.82	11.8555	-0.0542	-0.0136
18250	SLU 5	0.25	36.86	34.78	11.4778	-0.0592	-0.014
18250	SLU 6	0.08	14.61	41.72	11.8469	-0.0966	-0.015
18250	SLU 7	0.09	26.92	41.67	11.7084	-0.0963	-0.015
18250	SLU 8	0.08	15.65	42.7	11.5615	-0.1019	-0.0154
18250	SLU 9	0.09	27.96	42.66	11.423	-0.1016	-0.0154
18250	SLU 10	0.39	30.56	29.19	13.4318	-0.019	-0.0133
18250	SLU 11	0.22	8.31	36.13	13.8009	-0.0564	-0.0142
18250	SLU 12	0.23	20.62	36.09	13.6624	-0.0561	-0.0142
18250	SLU 13	0.23	29.87	37.04	13.2847	-0.0612	-0.0146
18250	SLU 14	0.06	7.62	43.99	13.6538	-0.0986	-0.0156
18250	SLU 15	0.07	19.93	43.94	13.5154	-0.0983	-0.0156
18250	SLU 16	0.06	8.66	44.97	13.3684	-0.1038	-0.016
18250	SLU 17	0.07	20.97	44.93	13.23	-0.1035	-0.016
18250	SLU 18	0.38	7.05	30.24	14.4369	-0.0203	-0.0135
18250	SLU 19	0.38	19.36	30.19	14.2985	-0.02	-0.0135
18250	SLU 20	0.21	6.35	38.09	14.2899	-0.0625	-0.0149
18250	SLU 21	0.22	18.67	38.05	14.1514	-0.0622	-0.0149
18250	SLU 22	0.41	3.76	33.77	13.5997	-0.0389	-0.0156
18250	SLU 23	0.42	24.28	33.69	13.369	-0.0384	-0.0155
18250	SLU 24	0.25	2.03	40.64	13.7381	-0.0758	-0.0165
18250	SLU 25	0.26	14.34	40.59	13.5996	-0.0755	-0.0165
18250	SLU 26	0.26	23.59	41.55	13.2219	-0.0805	-0.0169
18250	SLU 27	0.09	1.33	48.49	13.591	-0.1179	-0.0179
18250	SLU 28	0.09	13.64	48.44	13.4526	-0.1176	-0.0178
18250	SLU 29	0.09	2.38	49.47	13.3056	-0.1232	-0.0183
18250	SLU 30	0.09	14.69	49.43	13.1672	-0.1229	-0.0183
18250	SLU 31	0.4	17.29	35.96	15.1759	-0.0403	-0.0161
18250	SLU 32	0.23	-4.97	42.9	15.545	-0.0777	-0.0171
18250	SLU 33	0.23	7.34	42.86	15.4066	-0.0774	-0.0171
18250	SLU 34	0.24	16.59	43.81	15.0289	-0.0825	-0.0175
18250	SLU 35	0.07	-5.66	50.75	15.398	-0.1199	-0.0185
18250	SLU 36	0.07	6.65	50.71	15.2595	-0.1196	-0.0184
18250	SLU 37	0.07	-4.62	51.74	15.1126	-0.1251	-0.0189
18250	SLU 38	0.07	7.69	51.69	14.9741	-0.1248	-0.0189
18250	SLU 39	0.38	-6.23	37.01	16.181	-0.0416	-0.0164
18250	SLU 40	0.39	6.08	36.96	16.0426	-0.0413	-0.0164
18250	SLU 41	0.22	-6.92	44.86	16.034	-0.0838	-0.0178
18250	SLU 42	0.23	5.39	44.81	15.8956	-0.0835	-0.0178
18250	SLU 43	0.52	26.7	32.78	14.8142	-0.0155	-0.0155
18250	SLU 44	0.53	47.22	32.71	14.5835	-0.015	-0.0155
18250	SLU 45	0.36	24.97	39.65	14.9526	-0.0524	-0.0165
18250	SLU 46	0.37	37.28	39.6	14.8142	-0.0521	-0.0164
18250	SLU 47	0.37	46.53	40.56	14.4365	-0.0572	-0.0169
18250	SLU 48	0.2	24.27	47.5	14.8056	-0.0946	-0.0178
18250	SLU 49	0.21	36.58	47.46	14.6671	-0.0943	-0.0178
18250	SLU 50	0.2	25.32	48.49	14.5201	-0.0998	-0.0182
18250	SLU 51	0.2	37.63	48.44	14.3817	-0.0995	-0.0182
18250	SLU 52	0.51	40.23	34.97	16.3904	-0.017	-0.0161
18250	SLU 53	0.34	17.97	41.92	16.7595	-0.0544	-0.0171
18250	SLU 54	0.35	30.28	41.87	16.6211	-0.0541	-0.017
18250	SLU 55	0.35	39.53	42.82	16.2434	-0.0591	-0.0174
18250	SLU 56	0.18	17.28	49.77	16.6125	-0.0965	-0.0184
18250	SLU 57	0.18	29.59	49.72	16.4741	-0.0962	-0.0184
18250	SLU 58	0.18	18.32	50.75	16.3271	-0.1018	-0.0188
18250	SLU 59	0.18	30.63	50.71	16.1887	-0.1015	-0.0188
18250	SLU 60	0.49	16.71	36.02	17.3956	-0.0183	-0.0164
18250	SLU 61	0.5	29.02	35.98	17.2571	-0.018	-0.0164
18250	SLU 62	0.33	16.02	43.87	17.2485	-0.0604	-0.0177
18250	SLU 63	0.34	28.33	43.83	17.1101	-0.0602	-0.0177
18250	SLU 64	0.53	13.43	39.55	16.5583	-0.0368	-0.0184
18250	SLU 65	0.54	33.94	39.48	16.3276	-0.0363	-0.0184
18250	SLU 66	0.37	11.69	46.42	16.6967	-0.0737	-0.0193
18250	SLU 67	0.37	24	46.37	16.5583	-0.0734	-0.0193
18250	SLU 68	0.38	33.25	47.33	16.1806	-0.0785	-0.0197
18250	SLU 69	0.21	11	54.27	16.5497	-0.1159	-0.0207
18250	SLU 70	0.21	23.31	54.22	16.4113	-0.1156	-0.0207
18250	SLU 71	0.21	12.04	55.25	16.2643	-0.1211	-0.0211
18250	SLU 72	0.21	24.35	55.21	16.1258	-0.1209	-0.0211
18250	SLU 73	0.52	26.95	41.74	18.1346	-0.0383	-0.019
18250	SLU 74	0.35	4.7	48.68	18.5037	-0.0757	-0.0199
18250	SLU 75	0.35	17.01	48.64	18.3652	-0.0754	-0.0199
18250	SLU 76	0.36	26.26	49.59	17.9875	-0.0804	-0.0203
18250	SLU 77	0.19	4	56.53	18.3566	-0.1178	-0.0213
18250	SLU 78	0.19	16.31	56.49	18.2182	-0.1175	-0.0213
18250	SLU 79	0.19	5.05	57.52	18.0712	-0.1231	-0.0217
18250	SLU 80	0.19	17.36	57.47	17.9328	-0.1228	-0.0217



Nodo	Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	N.br.	x	y	z	x	y	z
18250	SLU 81	0.5	3.43	42.79	19.1397	-0.0396	-0.0192
18250	SLU 82	0.51	15.75	42.74	19.0013	-0.0393	-0.0192
18250	SLU 83	0.34	2.74	50.64	18.9927	-0.0818	-0.0206
18250	SLU 84	0.34	15.05	50.59	18.8542	-0.0815	-0.0206
18250	SLE RA 1	0.41	13.25	28.94	12.3539	-0.0236	-0.0135
18250	SLE RA 2	0.41	26.92	28.89	12.2	-0.0233	-0.0135
18250	SLE RA 3	0.3	12.09	33.51	12.4461	-0.0482	-0.0141
18250	SLE RA 4	0.3	20.3	33.48	12.3538	-0.0481	-0.0141
18250	SLE RA 5	0.3	26.46	34.12	12.102	-0.0514	-0.0144
18250	SLE RA 6	0.19	11.63	38.75	12.3481	-0.0764	-0.015
18250	SLE RA 7	0.19	19.83	38.72	12.2558	-0.0762	-0.015
18250	SLE RA 8	0.19	12.32	39.4	12.1578	-0.0799	-0.0153
18250	SLE RA 9	0.19	20.53	39.37	12.0655	-0.0797	-0.0153
18250	SLE RA 10	0.4	22.26	30.4	13.4047	-0.0246	-0.0139
18250	SLE RA 11	0.29	7.43	35.02	13.6508	-0.0495	-0.0145
18250	SLE RA 12	0.29	15.63	34.99	13.5585	-0.0493	-0.0145
18250	SLE RA 13	0.29	21.8	35.63	13.3067	-0.0527	-0.0148
18250	SLE RA 14	0.18	6.96	40.26	13.5527	-0.0777	-0.0154
18250	SLE RA 15	0.18	15.17	40.23	13.4604	-0.0775	-0.0154
18250	SLE RA 16	0.18	7.66	40.91	13.3625	-0.0811	-0.0157
18250	SLE RA 17	0.18	15.87	40.88	13.2702	-0.081	-0.0157
18250	SLE RA 18	0.39	6.58	31.09	14.0748	-0.0255	-0.0141
18250	SLE RA 19	0.39	14.79	31.06	13.9825	-0.0253	-0.0141
18250	SLE RA 20	0.28	6.12	36.33	13.9768	-0.0536	-0.015
18250	SLE RA 21	0.28	14.33	36.3	13.8845	-0.0534	-0.015
18250	SLE FR 1	0.41	13.25	28.94	12.3539	-0.0236	-0.0135
18250	SLE FR 2	0.41	15.98	28.93	12.3231	-0.0236	-0.0135
18250	SLE FR 3	0.36	13.06	31.03	12.3147	-0.0349	-0.0139
18250	SLE FR 4	0.4	13.98	29.57	12.8394	-0.0241	-0.0137
18250	SLE FR 5	0.36	11.06	31.68	12.8309	-0.0354	-0.0141
18250	SLE FR 6	0.4	9.91	30.02	13.2143	-0.0246	-0.0138
18250	SLE QP 1	0.41	13.25	28.94	12.3539	-0.0236	-0.0135
18250	SLE QP 2	0.4	11.25	29.58	12.8701	-0.0242	-0.0137
18250	SLD 1	32.08	272.77	29.14	12.1473	1.2663	-0.4064
18250	SLD 2	31.25	134.43	29.8	13.4845	1.2337	-0.3837
18250	SLD 3	32.32	31.32	29.99	14.8904	1.2797	-0.4102
18250	SLD 4	31.48	-107.02	30.65	16.2276	1.2471	-0.3874
18250	SLD 5	9.7	480.7	28.04	8.2531	0.3484	-0.1299
18250	SLD 6	9.15	389.6	28.48	9.1337	0.3269	-0.1149
18250	SLD 7	10.48	-324.13	30.88	17.397	0.3932	-0.1425
18250	SLD 8	9.93	-415.23	31.31	18.2776	0.3718	-0.1274
18250	SLD 9	-9.13	437.73	27.85	7.4627	-0.4201	0.1001
18250	SLD 10	-9.68	346.62	28.29	8.3433	-0.4416	0.1151
18250	SLD 11	-8.34	-367.11	30.69	16.6066	-0.3753	0.0875
18250	SLD 12	-8.89	-458.21	31.12	17.4872	-0.3968	0.1025
18250	SLD 13	-30.68	129.52	28.51	9.5126	-1.2955	0.3601
18250	SLD 14	-31.52	-8.82	29.17	10.8498	-1.3281	0.3828
18250	SLD 15	-30.44	-111.93	29.36	12.2558	-1.282	0.3563
18250	SLD 16	-31.28	-250.27	30.02	13.593	-1.3146	0.3791
18250	SLV 1	74.56	613.89	28.58	11.2859	2.9967	-0.933
18250	SLV 2	72.61	291.74	30.12	14.3999	2.9208	-0.88
18250	SLV 3	75.11	65.98	30.52	17.5028	3.0274	-0.9417
18250	SLV 4	73.16	-256.18	32.06	20.6167	2.9514	-0.8887
18250	SLV 5	22.16	1078.95	26.06	2.4256	0.8488	-0.2855
18250	SLV 6	20.9	870.49	27.06	4.4405	0.7996	-0.2512
18250	SLV 7	23.98	-747.43	32.55	23.1484	0.951	-0.3145
18250	SLV 8	22.72	-955.88	33.55	25.1634	0.9018	-0.2802
18250	SLV 9	-21.92	978.38	25.62	0.5769	-0.9502	0.2528
18250	SLV 10	-23.18	769.92	26.61	2.5918	-0.9993	0.2871
18250	SLV 11	-20.09	-848	32.11	21.2997	-0.848	0.2238
18250	SLV 12	-21.35	-1056.45	33.11	23.3146	-0.8972	0.2581
18250	SLV 13	-72.36	278.67	27.1	5.1236	-2.9998	0.8613
18250	SLV 14	-74.31	-43.49	28.64	8.2375	-3.0758	0.9143
18250	SLV 15	-71.81	-269.24	29.05	11.3404	-2.9692	0.8526
18250	SLV 16	-73.76	-591.4	30.59	14.4543	-3.0451	0.9056
18250	CRTFP Ux+	0	0	0	0	0	0
18250	CRTFP Ux-	0	0	0	0	0	0
18250	CRTFP Uy+	0	0	0	0.0001	0	0
18250	CRTFP Uy-	0	0	0	-0.0001	0	0

1.3 Pressioni massime sul terreno

Nodo: Nodo che interagisce col terreno.

Ind.: indice del nodo.

Pressione minima: situazione in cui si verifica la pressione minima nel nodo.

Cont.: nome breve della condizione o combinazione di carico a cui si riferisce la pressione minima.

uz: spostamento massimo verticale del nodo. [m]

Valore: pressione minima sul terreno del nodo. [kN/m²]

Pressione massima: situazione in cui si verifica la pressione massima nel nodo.

Cont.: nome breve della condizione o combinazione di carico a cui si riferisce la pressione massima.

uz: spostamento minimo verticale del nodo. [m]

Valore: pressione massima sul terreno del nodo. [kN/m²]

Compressione estrema massima -163.63 al nodo di indice 251, di coordinate x = -24.4, y = -3.28, z = -1.56, nel contesto SLV 1.



Spostamento estremo minimo -0.0054543 al nodo di indice 251, di coordinate x = -24.4, y = -3.28, z = -1.56, nel contesto SLV 1.

Spostamento estremo massimo -0.0007439 al nodo di indice 902, di coordinate x = -0.47, y = 5.53, z = -1.56, nel contesto SLV 2.

Nodo	Pressione minima			Pressione massima		
	Ind.	Cont.	uz	Valore	Cont.	uz
11		SLU 84	-0.0040362	-121.087	SLU 1	-0.0025751
12		SLU 84	-0.0040388	-121.165	SLU 1	-0.0025811
13		SLU 84	-0.0040403	-121.209	SLU 1	-0.0025867
14		SLU 84	-0.0040401	-121.229	SLU 1	-0.002592
15		SLU 84	-0.0040399	-121.196	SLU 1	-0.0025961
16		SLU 84	-0.0040328	-120.985	SLV 4	-0.002576
17		SLU 84	-0.0040191	-120.574	SLV 4	-0.002533
18		SLU 84	-0.003979	-119.371	SLU 1	-0.0025352
20		SLU 84	-0.0039804	-119.411	SLU 1	-0.0025402
22		SLU 84	-0.0039756	-119.269	SLU 1	-0.0025417
24		SLU 84	-0.0039718	-119.153	SLU 1	-0.0025438
26		SLU 84	-0.0039694	-119.083	SLU 1	-0.0025468
27		SLU 84	-0.0039639	-118.917	SLV 4	-0.0025423
28		SLU 84	-0.0039477	-118.43	SLV 4	-0.0024976
29		SLU 84	-0.0038947	-116.842	SLU 1	-0.0024998
30		SLU 84	-0.0038809	-116.427	SLV 4	-0.0024625
31		SLU 84	-0.0038874	-116.622	SLU 1	-0.002491
32		SLU 84	-0.0039131	-117.393	SLU 1	-0.0024902
33		SLU 84	-0.0039079	-117.238	SLU 1	-0.0024908
34		SLU 84	-0.003889	-116.669	SLU 1	-0.0024827
35		SLU 84	-0.0038655	-115.966	SLU 1	-0.0024719
36		SLU 84	-0.0038201	-114.604	SLU 1	-0.0024482
37		SLU 84	-0.0038066	-114.199	SLV 4	-0.0024203
38		SLU 84	-0.0038165	-114.496	SLU 1	-0.002443
39		SLU 84	-0.0038111	-114.333	SLU 1	-0.0024369
41		SLU 84	-0.0038424	-115.271	SLU 1	-0.0024423
42		SLU 84	-0.0038321	-114.963	SLU 1	-0.0024393
43		SLU 84	-0.0038087	-114.26	SLU 1	-0.0024276
44		SLU 84	-0.0037808	-113.425	SLU 1	-0.0024127
45		SLU 84	-0.0037564	-112.692	SLU 1	-0.0023988
46		SLU 84	-0.003746	-112.381	SLU 1	-0.0023969
47		SLU 84	-0.0037297	-111.891	SLV 2	-0.0023708
48		SLU 84	-0.0037492	-112.476	SLU 1	-0.0023964
49		SLU 84	-0.0037705	-113.115	SLU 1	-0.0023936
50		SLU 84	-0.0037583	-112.75	SLU 1	-0.002389
51		SLU 84	-0.003736	-112.08	SLU 1	-0.0023773
52		SLU 84	-0.0037127	-111.38	SLU 1	-0.0023649
53		SLU 84	-0.0036937	-110.81	SLU 1	-0.0023548
54		SLU 84	-0.003683	-110.491	SLU 1	-0.0023502
55		SLU 84	-0.0036736	-110.207	SLU 1	-0.0023465
56		SLU 84	-0.0036528	-109.583	SLV 2	-0.0023156
57		SLU 84	-0.0036967	-110.9	SLV 10	-0.0023273
58		SLU 84	-0.0036852	-110.555	SLU 1	-0.0023388
59		SLU 84	-0.0036688	-110.065	SLU 1	-0.0023306
60		SLU 84	-0.0036503	-109.509	SLU 1	-0.0023209
61		SLU 84	-0.0036331	-108.994	SLU 1	-0.0023122
62		SLU 84	-0.0036178	-108.534	SLU 1	-0.0023046
63		SLU 84	-0.0036018	-108.055	SLU 1	-0.0022968
64		SLU 84	-0.003577	-107.309	SLV 2	-0.0022581
65		SLU 84	-0.0036558	-109.673	SLV 10	-0.0022725
66		SLU 84	-0.0036438	-109.315	SLV 6	-0.0022853
67		SLU 84	-0.0036285	-108.854	SLV 6	-0.0022867
68		SLU 84	-0.0036097	-108.292	SLV 6	-0.0022838
69		SLU 84	-0.0035906	-107.719	SLV 6	-0.0022791
70		SLU 84	-0.003572	-107.161	SLU 1	-0.0022728
71		SLU 84	-0.0035528	-106.583	SLV 2	-0.002261
72		SLU 84	-0.0035264	-105.793	SLV 2	-0.002219
130		SLU 84	-0.0047225	-141.674	SLV 12	-0.0026769
131		SLU 84	-0.0047133	-141.398	SLV 12	-0.0026945
132		SLU 84	-0.0047187	-141.562	SLV 12	-0.0027193
133		SLU 84	-0.0047381	-142.143	SLV 12	-0.0027507
134		SLU 84	-0.0047683	-143.049	SLV 12	-0.0027864
135		SLU 84	-0.0048038	-144.113	SLV 12	-0.0028215
136		SLU 84	-0.0048055	-144.166	SLV 8	-0.0028207
137		SLU 84	-0.0048315	-144.946	SLV 16	-0.0025988
138		SLU 84	-0.0047812	-143.435	SLV 16	-0.0026428
139		SLU 84	-0.0047431	-142.294	SLV 12	-0.0026671
153		SLU 84	-0.0045162	-135.485	SLV 7	-0.0026251
155		SLU 84	-0.0045751	-137.254	SLV 7	-0.0026506
157		SLU 84	-0.0046045	-138.135	SLV 7	-0.0026591
159		SLU 84	-0.0046149	-138.448	SLV 7	-0.0026532
161		SLU 84	-0.0046174	-138.521	SLV 7	-0.0026398
163		SLU 84	-0.0046194	-138.583	SLV 7	-0.0026238
165		SLU 84	-0.0046268	-138.804	SLV 3	-0.0026019
167		SLU 84	-0.0046427	-139.282	SLV 3	-0.0025493
168		SLU 84	-0.004666	-139.979	SLV 3	-0.0025052
169		SLU 84	-0.004704	-141.119	SLV 3	-0.0024595
170		SLU 84	-0.004752	-142.561	SLV 3	-0.0024195
171		SLU 84	-0.0045055	-135.166	SLV 8	-0.0026797
172		SLU 84	-0.0044028	-132.085	SLV 8	-0.0026137
173		SLU 84	-0.0043078	-129.235	SLV 8	-0.0025559
174		SLU 84	-0.0042495	-127.484	SLV 7	-0.0025216
175		SLU 84	-0.0042404	-127.212	SLV 7	-0.0025214
176		SLU 84	-0.0042777	-128.332	SLV 7	-0.0025336
177		SLU 84	-0.0043426	-130.277	SLV 7	-0.0025681
178		SLU 84	-0.0044001	-132.002	SLV 7	-0.0025957
179		SLU 84	-0.0046024	-138.071	SLV 16	-0.0025823



Nodo	Pressione minima			Pressione massima		
Ind.	Cont.	uz	Valore	Cont.	uz	Valore
180	SLU 84	-0.0045436	-136.309	SLV 12	-0.0026089	-78.266
181	SLU 84	-0.0044984	-134.953	SLV 12	-0.0026034	-78.101
182	SLU 84	-0.0044732	-134.196	SLV 12	-0.0026087	-78.26
183	SLU 84	-0.0044723	-134.17	SLV 12	-0.0026273	-78.818
184	SLU 84	-0.0044964	-134.893	SLV 12	-0.0026595	-79.785
185	SLU 84	-0.004541	-136.231	SLV 12	-0.0027023	-81.068
186	SLU 84	-0.0045923	-137.77	SLV 12	-0.0027431	-82.292
187	SLU 84	-0.0046346	-139.039	SLV 8	-0.0027575	-82.726
188	SLU 84	-0.0046674	-140.023	SLV 16	-0.0025562	-76.687
190	SLU 84	-0.0043577	-130.732	SLV 7	-0.0025806	-77.417
192	SLU 84	-0.0044005	-132.149	SLV 7	-0.0025996	-77.987
193	SLU 84	-0.0044256	-132.769	SLV 7	-0.0026042	-78.125
194	SLU 84	-0.0044283	-132.848	SLV 7	-0.0025954	-77.862
195	SLU 84	-0.0044249	-132.746	SLV 7	-0.0025807	-77.421
196	SLU 84	-0.0044264	-132.793	SLV 7	-0.002567	-77.009
197	SLU 84	-0.0044403	-133.208	SLV 3	-0.0025417	-76.251
198	SLU 84	-0.0044694	-134.083	SLV 3	-0.0025014	-75.043
199	SLU 84	-0.0045129	-135.387	SLV 3	-0.002468	-74.041
200	SLU 84	-0.0045668	-137.004	SLV 3	-0.0024401	-73.204
201	SLU 84	-0.0046259	-138.778	SLV 3	-0.0024149	-72.447
202	SLU 84	-0.0044232	-132.696	SLV 16	-0.002524	-75.719
203	SLU 84	-0.0043439	-130.317	SLV 16	-0.0025355	-76.065
204	SLU 84	-0.0042764	-128.292	SLV 12	-0.0025299	-75.896
205	SLU 84	-0.0042337	-127.01	SLV 12	-0.002522	-75.659
206	SLU 84	-0.0042254	-126.762	SLV 12	-0.0025337	-76.011
207	SLU 84	-0.0042548	-127.644	SLV 12	-0.0025671	-77.012
208	SLU 84	-0.0043181	-129.544	SLV 12	-0.0026195	-78.584
209	SLU 84	-0.0044057	-132.171	SLV 8	-0.0026722	-80.167
210	SLU 84	-0.0045088	-135.265	SLV 8	-0.0027187	-81.56
211	SLU 84	-0.0045066	-135.199	SLV 16	-0.0025152	-75.457
214	SLU 84	-0.0042272	-126.816	SLV 7	-0.0025512	-76.536
216	SLU 84	-0.0042537	-127.612	SLV 7	-0.002559	-76.77
217	SLU 84	-0.0042597	-127.791	SLV 7	-0.0025559	-76.677
218	SLU 84	-0.0042494	-127.483	SLV 7	-0.0025411	-76.232
219	SLU 84	-0.0042371	-127.114	SLV 7	-0.0025232	-75.697
220	SLU 84	-0.0042365	-127.094	SLV 7	-0.0025107	-75.322
221	SLU 84	-0.0042564	-127.692	SLV 3	-0.0024823	-74.469
222	SLU 84	-0.0042991	-128.974	SLV 3	-0.0024543	-73.63
223	SLU 84	-0.0043599	-130.797	SLV 3	-0.0024357	-73.07
224	SLU 84	-0.0044296	-132.888	SLV 3	-0.0024224	-72.673
225	SLU 84	-0.0045026	-135.079	SLV 3	-0.0024111	-72.333
226	SLU 84	-0.0042368	-127.105	SLV 16	-0.0024581	-73.743
227	SLU 84	-0.0041431	-124.294	SLV 16	-0.0024546	-73.637
228	SLU 84	-0.0040523	-121.57	SLV 12	-0.0024528	-73.585
229	SLU 84	-0.0039915	-119.744	SLV 12	-0.0024316	-72.949
230	SLU 84	-0.0039754	-119.262	SLV 12	-0.0024363	-73.09
231	SLU 84	-0.0040096	-120.289	SLV 12	-0.0024705	-74.114
232	SLU 84	-0.0040933	-122.799	SLV 12	-0.0025322	-75.966
233	SLU 84	-0.0042195	-126.586	SLV 8	-0.0025962	-77.887
234	SLU 84	-0.0043689	-131.067	SLV 8	-0.0026703	-80.109
235	SLU 84	-0.0043308	-129.923	SLV 16	-0.0024621	-73.863
237	SLU 84	-0.0041043	-123.129	SLV 7	-0.0025232	-75.695
239	SLU 84	-0.0041131	-123.394	SLV 7	-0.0025223	-75.668
240	SLU 84	-0.0041005	-123.15	SLV 7	-0.0025122	-75.366
241	SLU 84	-0.0040787	-122.361	SLV 7	-0.0024894	-74.683
242	SLU 84	-0.004054	-121.619	SLV 7	-0.0024665	-73.995
243	SLU 84	-0.0040489	-121.466	SLV 3	-0.0024538	-73.613
244	SLU 84	-0.0040733	-122.198	SLV 3	-0.0024213	-72.639
245	SLU 84	-0.0041289	-123.868	SLV 3	-0.0024045	-72.135
246	SLU 84	-0.0042073	-126.219	SLV 3	-0.0023994	-71.983
247	SLU 84	-0.0042871	-128.614	SLV 3	-0.0023979	-71.937
248	SLU 84	-0.004367	-131.011	SLV 3	-0.0023963	-71.888
251	SLV 1	-0.0054543	-163.63	SLV 16	-0.0009667	-29.002
266	SLU 83	-0.0041239	-123.718	SLV 16	-0.0021016	-63.048
268	SLU 83	-0.0041988	-125.963	SLV 16	-0.0022102	-66.305
272	SLU 84	-0.0041024	-123.073	SLV 16	-0.0023699	-71.096
273	SLU 84	-0.0040195	-120.585	SLV 16	-0.0023666	-70.999
274	SLU 84	-0.0039335	-118.005	SLV 16	-0.0023589	-70.768
275	SLU 84	-0.0038189	-114.566	SLV 16	-0.0023487	-70.46
276	SLU 84	-0.0037429	-112.288	SLV 12	-0.0023352	-70.055
277	SLU 84	-0.0037198	-111.593	SLV 12	-0.0023335	-70.005
278	SLU 84	-0.0037565	-112.696	SLV 12	-0.0023668	-71.003
279	SLU 84	-0.003854	-115.62	SLV 8	-0.0024255	-72.764
280	SLU 84	-0.0040088	-120.263	SLV 8	-0.0025013	-75.039
281	SLU 84	-0.0040603	-121.81	SLV 8	-0.0025272	-75.817
282	SLU 84	-0.0041737	-125.212	SLV 8	-0.0025864	-77.592
284	SLU 84	-0.0039693	-119.078	SLV 7	-0.0024831	-74.493
286	SLU 84	-0.0039678	-119.035	SLV 7	-0.0024797	-74.391
287	SLU 84	-0.0039554	-118.661	SLV 7	-0.0024684	-74.051
288	SLU 84	-0.0039106	-117.317	SLV 7	-0.0024369	-73.107
289	SLU 84	-0.0038725	-116.176	SLV 7	-0.0024087	-72.261
290	SLU 84	-0.0038612	-115.835	SLV 3	-0.0023845	-71.534
291	SLU 84	-0.0038872	-116.615	SLV 3	-0.0023562	-70.686
292	SLU 84	-0.0039519	-118.558	SLV 3	-0.0023463	-70.388
293	SLU 84	-0.0040478	-121.434	SLV 3	-0.0023496	-70.488
294	SLU 83	-0.0041196	-123.589	SLV 3	-0.002351	-70.529
295	SLU 83	-0.0041888	-125.664	SLV 3	-0.0023479	-70.438
299	SLU 83	-0.0042485	-127.455	SLV 3	-0.0021936	-65.808
301	SLU 83	-0.0041667	-125.001	SLV 3	-0.0020958	-62.873



Nodo		Pressione minima			Pressione massima		
Ind.	Cont.	uz	Valore	Cont.	uz	Valore	
316	SLV 14	-0.0051309	-153.926	SLV 3	-0.000901	-27.031	
319	SLV 14	-0.0052912	-158.737	SLV 3	-0.0008756	-26.269	
320	SLV 14	-0.0047206	-141.617	SLV 3	-0.0008682	-26.045	
321	SLV 14	-0.0042255	-126.765	SLV 3	-0.0008727	-26.181	
322	SLV 14	-0.0038161	-114.484	SLV 3	-0.000891	-26.731	
323	SLV 1	-0.0054154	-162.463	SLV 16	-0.0009256	-27.768	
324	SLV 1	-0.0048601	-145.803	SLV 16	-0.0009177	-27.532	
325	SLV 1	-0.0043643	-130.928	SLV 16	-0.0009191	-27.572	
326	SLV 1	-0.0039436	-118.308	SLV 16	-0.0009321	-27.962	
327	SLV 1	-0.0036026	-108.078	SLV 16	-0.0009579	-28.737	
328	SLV 1	-0.0033394	-100.183	SLV 16	-0.0009974	-29.921	
329	SLV 1	-0.0031489	-94.468	SLV 16	-0.0010511	-31.534	
330	SLV 1	-0.0030247	-90.74	SLV 16	-0.00112	-33.601	
331	SLU 83	-0.0030206	-90.618	SLV 16	-0.001205	-36.15	
332	SLU 83	-0.0030877	-92.632	SLV 16	-0.0013066	-39.197	
333	SLU 83	-0.0032012	-96.037	SLV 16	-0.0014245	-42.736	
334	SLU 83	-0.0033537	-100.612	SLV 16	-0.0015574	-46.721	
335	SLU 83	-0.0035333	-105.999	SLV 16	-0.0017009	-51.028	
336	SLU 83	-0.0037203	-111.609	SLV 16	-0.0018473	-55.42	
337	SLU 83	-0.0038836	-116.507	SLV 16	-0.0019829	-59.487	
338	SLU 83	-0.0039789	-119.367	SLV 16	-0.0020875	-62.625	
339	SLU 83	-0.0040131	-120.393	SLV 16	-0.0021588	-64.763	
340	SLU 83	-0.0039968	-119.904	SLV 16	-0.0022108	-66.324	
341	SLU 83	-0.0039422	-118.265	SLV 16	-0.0022446	-67.337	
342	SLU 83	-0.0038535	-115.604	SLV 16	-0.0022571	-67.713	
343	SLU 83	-0.0037793	-113.38	SLV 16	-0.0022597	-67.79	
344	SLU 84	-0.0036967	-110.9	SLV 16	-0.0022536	-67.608	
345	SLU 84	-0.0035833	-107.5	SLV 16	-0.0022421	-67.264	
346	SLU 84	-0.003504	-105.12	SLV 12	-0.0022406	-67.217	
347	SLU 84	-0.0034789	-104.366	SLV 12	-0.0022355	-67.064	
348	SLU 84	-0.0035173	-105.518	SLU 1	-0.0022652	-67.956	
349	SLU 84	-0.0036193	-108.58	SLV 8	-0.0023143	-69.43	
350	SLU 84	-0.0037764	-113.293	SLV 8	-0.0023905	-71.715	
351	SLU 84	-0.0040236	-120.709	SLV 8	-0.0025187	-75.56	
352	SLV 14	-0.0034929	-104.787	SLV 3	-0.0009239	-27.717	
353	SLV 14	-0.0032511	-97.534	SLV 3	-0.0009718	-29.153	
354	SLV 14	-0.003084	-92.519	SLV 3	-0.0010351	-31.054	
355	SLV 14	-0.002984	-89.519	SLV 3	-0.0011148	-33.444	
356	SLU 83	-0.0030195	-90.586	SLV 3	-0.0012113	-36.34	
357	SLU 83	-0.0031136	-93.407	SLV 3	-0.0013249	-39.747	
358	SLU 83	-0.0032527	-97.582	SLV 3	-0.0014545	-43.634	
359	SLU 83	-0.0034275	-102.824	SLV 3	-0.001597	-47.91	
360	SLU 83	-0.0036225	-108.675	SLV 3	-0.0017462	-52.385	
361	SLU 83	-0.0038131	-114.393	SLV 3	-0.0018907	-56.72	
362	SLU 83	-0.0039954	-119.863	SLV 3	-0.0020479	-61.436	
363	SLU 83	-0.0039609	-118.826	SLV 3	-0.0020122	-60.367	
364	SLU 83	-0.0040923	-122.77	SLV 3	-0.0021669	-65.007	
365	SLU 83	-0.0040772	-122.316	SLV 3	-0.0021457	-64.37	
366	SLU 83	-0.0041012	-123.036	SLV 3	-0.0022224	-66.671	
367	SLU 83	-0.0040648	-121.944	SLV 3	-0.0022609	-67.828	
368	SLU 83	-0.0039932	-119.797	SLV 3	-0.0022808	-68.423	
369	SLU 83	-0.0039326	-117.977	SLV 3	-0.0022893	-68.679	
370	SLU 83	-0.0038646	-115.938	SLV 3	-0.00229	-68.701	
371	SLU 84	-0.0037723	-113.168	SLV 3	-0.0022875	-68.624	
372	SLU 84	-0.0037084	-111.251	SLV 3	-0.0022945	-68.835	
373	SLU 84	-0.0036854	-110.562	SLV 3	-0.0023202	-69.607	
374	SLU 84	-0.0037038	-111.115	SLV 7	-0.0023541	-70.624	
375	SLU 84	-0.0037526	-112.577	SLV 7	-0.0023859	-71.576	
376	SLU 84	-0.003808	-114.241	SLV 7	-0.0024207	-72.622	
377	SLU 84	-0.0038373	-115.119	SLV 7	-0.0024399	-73.196	
380	SLV 1	-0.0050449	-151.347	SLV 16	-0.0009183	-27.549	
381	SLU 83	-0.0039376	-118.129	SLV 16	-0.0020333	-60.998	
383	SLU 83	-0.0040105	-120.314	SLV 16	-0.0021402	-64.207	
384	SLV 14	-0.0047626	-142.879	SLV 3	-0.0008658	-25.973	
385	SLU 83	-0.0040716	-122.148	SLV 3	-0.0021454	-64.361	
388	SLU 83	-0.0039924	-119.772	SLV 3	-0.0020505	-61.514	
389	SLU 84	-0.0038256	-114.769	SLV 11	-0.0024338	-73.013	
394	SLV 1	-0.004729	-141.869	SLV 16	-0.0008876	-26.628	
395	SLU 83	-0.0038087	-114.261	SLV 16	-0.0019905	-59.714	
397	SLU 83	-0.003876	-116.281	SLV 16	-0.0020932	-62.795	
398	SLV 14	-0.0044688	-134.064	SLV 3	-0.0008443	-25.328	
399	SLU 83	-0.0039457	-118.371	SLV 3	-0.0021166	-63.499	
402	SLU 83	-0.0038735	-116.204	SLV 3	-0.0020296	-60.889	
403	SLU 84	-0.0037339	-112.018	SLU 1	-0.0023841	-71.522	
408	SLV 1	-0.0045134	-135.401	SLV 16	-0.000875	-26.25	
409	SLU 83	-0.0037206	-111.617	SLV 16	-0.0019654	-58.961	
411	SLU 83	-0.0037825	-113.476	SLV 16	-0.0020639	-61.917	
412	SLV 14	-0.0042633	-127.899	SLV 3	-0.0008385	-25.154	
413	SLU 83	-0.0038582	-115.745	SLV 3	-0.0021031	-63.094	
416	SLU 83	-0.0037928	-113.784	SLV 3	-0.0020239	-60.718	
417	SLU 84	-0.0037038	-111.113	SLU 1	-0.0023624	-70.872	
420	SLU 84	-0.0033486	-100.457	SLV 4	-0.0021381	-64.143	
423	SLV 1	-0.0043964	-131.891	SLV 16	-0.0008793	-26.379	
424	SLU 83	-0.003661	-109.829	SLV 16	-0.0019527	-58.581	
426	SLU 83	-0.0037176	-111.528	SLV 16	-0.0020471	-61.413	
427	SLV 14	-0.0041504	-124.511	SLV 3	-0.0008486	-25.457	
428	SLU 83	-0.0037956	-113.867	SLV 3	-0.0020986	-62.957	
431	SLU 83	-0.003737	-112.11	SLV 3	-0.0020271	-60.812	
432	SLU 84	-0.0037299	-111.896	SLU 1	-0.0023763	-71.29	



Nodo		Pressione minima			Pressione massima		
Ind.	Cont.	uz	Valore	Cont.	uz	Valore	
437	SLV 1	-0.0043718	-131.154	SLV 16	-0.0008986	-26.959	
438	SLU 83	-0.003622	-108.661	SLV 16	-0.0019492	-58.476	
440	SLU 83	-0.0036734	-110.202	SLV 16	-0.0020393	-61.18	
441	SLV 14	-0.0041275	-123.824	SLV 3	-0.0008737	-26.212	
442	SLU 83	-0.0037485	-112.456	SLV 3	-0.0020982	-62.947	
445	SLU 83	-0.0036967	-110.9	SLV 3	-0.0020344	-61.033	
446	SLU 84	-0.0037923	-113.769	SLU 1	-0.0024133	-72.398	
451	SLV 1	-0.0044295	-132.885	SLV 16	-0.0009308	-27.923	
452	SLU 83	-0.0035991	-107.974	SLV 16	-0.0019527	-58.58	
454	SLU 83	-0.0036452	-109.357	SLV 16	-0.0020372	-61.117	
455	SLV 14	-0.0041862	-125.585	SLV 3	-0.000912	-27.359	
456	SLU 84	-0.0037112	-111.335	SLV 3	-0.0020987	-62.96	
459	SLU 83	-0.0036657	-109.972	SLV 3	-0.0020427	-61.28	
465	SLU 84	-0.0038565	-115.694	SLU 1	-0.0024513	-73.54	
470	SLV 1	-0.0045544	-136.631	SLV 16	-0.0009727	-29.181	
471	SLU 83	-0.0035893	-107.68	SLV 16	-0.0019574	-58.723	
473	SLU 84	-0.0036303	-108.908	SLV 16	-0.0020326	-60.979	
474	SLV 14	-0.0043113	-129.339	SLV 3	-0.0009601	-28.803	
475	SLU 84	-0.0036799	-110.398	SLV 3	-0.0020954	-62.863	
478	SLU 84	-0.0036409	-109.228	SLV 3	-0.0020492	-61.477	
481	SLU 84	-0.0035101	-105.303	SLV 1	-0.0021848	-65.544	
482	SLU 84	-0.0037012	-111.036	SLV 1	-0.0023096	-69.289	
483	SLU 84	-0.003958	-118.739	SLV 1	-0.0024611	-73.833	
484	SLU 84	-0.0039898	-119.695	SLV 3	-0.0024773	-74.318	
485	SLU 84	-0.0038921	-116.763	SLU 1	-0.0024714	-74.142	
488	SLV 1	-0.0047235	-141.706	SLV 16	-0.0010202	-30.607	
489	SLU 83	-0.0035901	-107.702	SLV 14	-0.0019582	-58.747	
491	SLU 84	-0.003626	-108.781	SLV 14	-0.0020288	-60.864	
492	SLV 14	-0.0044793	-134.378	SLV 3	-0.0010131	-30.393	
493	SLU 84	-0.0036536	-109.607	SLV 1	-0.0020797	-62.39	
496	SLU 84	-0.0036211	-108.634	SLV 3	-0.0020478	-61.435	
499	SLU 84	-0.0038697	-116.09	SLU 1	-0.0024558	-73.674	
505	SLV 1	-0.0049021	-147.062	SLV 16	-0.001067	-32.009	
506	SLU 84	-0.0035979	-107.936	SLV 13	-0.0019586	-58.759	
508	SLU 84	-0.0036287	-108.861	SLV 13	-0.002024	-60.719	
509	SLV 14	-0.004655	-139.65	SLV 3	-0.0010634	-31.901	
510	SLU 84	-0.0036332	-108.996	SLV 1	-0.0020584	-61.753	
513	SLU 84	-0.0036073	-108.218	SLV 1	-0.0020355	-61.065	
515	SLU 84	-0.0038123	-114.368	SLU 1	-0.0024184	-72.552	
520	SLV 14	-0.0047875	-143.626	SLV 3	-0.0011	-33	
522	SLV 1	-0.0050368	-151.105	SLV 16	-0.0011034	-33.101	
523	SLU 84	-0.0036062	-108.186	SLV 13	-0.0019587	-58.762	
525	SLU 84	-0.0036319	-108.956	SLV 13	-0.0020203	-60.609	
526	SLU 84	-0.0036225	-108.676	SLV 2	-0.0020323	-60.97	
529	SLU 84	-0.0036031	-108.093	SLV 2	-0.0020194	-60.581	
531	SLU 84	-0.0037279	-111.836	SLU 1	-0.0023641	-70.923	
533	SLV 1	-0.005249	-157.471	SLV 16	-0.0010683	-32.048	
534	SLV 1	-0.0050082	-150.247	SLV 16	-0.0011358	-34.074	
535	SLV 1	-0.0048087	-144.26	SLV 16	-0.0012104	-36.312	
536	SLV 1	-0.0046342	-139.026	SLV 16	-0.001288	-38.641	
537	SLV 1	-0.0044735	-134.205	SLV 16	-0.0013662	-40.986	
538	SLV 1	-0.00432	-129.6	SLV 16	-0.0014436	-43.309	
539	SLV 1	-0.00417	-125.099	SLV 16	-0.0015197	-45.592	
540	SLU 84	-0.004117	-123.511	SLV 16	-0.0015941	-47.824	
541	SLU 84	-0.0040629	-121.888	SLV 16	-0.0016662	-49.986	
542	SLU 84	-0.0040051	-120.154	SLV 15	-0.0017343	-52.03	
543	SLU 84	-0.0039421	-118.264	SLV 15	-0.0017965	-53.895	
544	SLU 84	-0.0038731	-116.193	SLV 15	-0.0018495	-55.486	
545	SLU 84	-0.0037993	-113.978	SLV 15	-0.0018894	-56.681	
546	SLU 84	-0.0037263	-111.788	SLV 15	-0.0019124	-57.371	
547	SLU 84	-0.0036644	-109.933	SLV 13	-0.0019192	-57.577	
548	SLU 84	-0.0036204	-108.611	SLV 13	-0.0019887	-59.661	
549	SLU 84	-0.0036493	-109.48	SLV 13	-0.0020593	-61.778	
550	SLU 84	-0.0036774	-110.322	SLV 13	-0.0021484	-64.451	
551	SLU 84	-0.0036967	-110.902	SLV 13	-0.0022466	-67.397	
552	SLU 84	-0.0037025	-111.074	SLV 13	-0.0023424	-70.273	
553	SLU 84	-0.0036919	-110.756	SLU 1	-0.0023377	-70.132	
554	SLU 84	-0.0036635	-109.906	SLU 1	-0.0023185	-69.556	
555	SLU 84	-0.0036193	-108.578	SLU 1	-0.0022899	-68.697	
556	SLU 84	-0.0035746	-107.237	SLV 1	-0.0022295	-66.885	
557	SLU 84	-0.0035311	-105.934	SLV 1	-0.0021544	-64.633	
558	SLU 84	-0.0035356	-106.068	SLV 1	-0.0021541	-64.622	
559	SLU 84	-0.0036902	-110.706	SLU 1	-0.0023524	-70.571	
560	SLU 84	-0.0036999	-110.998	SLV 2	-0.0023086	-69.259	
561	SLU 84	-0.003703	-111.09	SLV 2	-0.0022365	-67.096	
562	SLU 84	-0.003696	-110.88	SLV 2	-0.0021596	-64.787	
563	SLU 84	-0.003679	-110.371	SLV 2	-0.0020922	-62.766	
564	SLU 84	-0.0036565	-109.695	SLV 2	-0.0020481	-61.443	
565	SLU 84	-0.0036208	-108.624	SLV 2	-0.0020223	-60.668	
566	SLU 84	-0.0036037	-108.111	SLV 2	-0.0020122	-60.367	
567	SLU 84	-0.0036093	-108.278	SLV 2	-0.002013	-60.391	
568	SLU 84	-0.0036541	-109.622	SLV 2	-0.0020227	-60.68	
569	SLU 84	-0.0037374	-112.122	SLV 2	-0.0020297	-60.891	
570	SLU 84	-0.003808	-114.24	SLV 1	-0.0020048	-60.143	
571	SLU 84	-0.0038735	-116.206	SLV 3	-0.0019495	-58.486	
572	SLU 84	-0.0039311	-117.933	SLV 3	-0.0018749	-56.246	
573	SLU 84	-0.0039812	-119.435	SLV 3	-0.001789	-53.671	
574	SLU 84	-0.0040253	-120.76	SLV 3	-0.0016973	-50.919	
575	SLU 84	-0.0040653	-121.96	SLV 3	-0.0016026	-48.078	



Nodo	Pressione minima			Pressione massima		
Ind.	Cont.	uz	Valore	Cont.	uz	Valore
576	SLU 84	-0.0041029	-123.088	SLV 3	-0.0015062	-45.187
577	SLV 14	-0.0042524	-127.571	SLV 3	-0.0014087	-42.261
578	SLV 14	-0.0044133	-132.399	SLV 3	-0.0013105	-39.316
579	SLV 14	-0.0045953	-137.86	SLV 3	-0.0012131	-36.394
580	SLV 14	-0.0048208	-144.623	SLV 3	-0.0011213	-33.64
581	SLV 14	-0.0051216	-153.647	SLV 3	-0.0010443	-31.33
589	SLV 1	-0.0050597	-151.791	SLV 16	-0.001117	-33.511
603	SLU 84	-0.0036898	-110.693	SLV 13	-0.0019178	-57.533
607	SLU 84	-0.0036038	-108.113	SLV 13	-0.0019521	-58.564
610	SLU 84	-0.0036276	-108.827	SLV 13	-0.0020125	-60.374
619	SLU 84	-0.0035297	-105.89	SLV 1	-0.0022199	-66.598
621	SLU 84	-0.0034603	-103.808	SLV 1	-0.0021408	-64.223
623	SLU 84	-0.0034628	-103.884	SLV 1	-0.0021322	-63.965
630	SLU 84	-0.0036179	-108.536	SLV 6	-0.0022877	-68.632
635	SLU 84	-0.0035535	-106.606	SLU 1	-0.0022614	-67.841
644	SLU 84	-0.00363	-108.9	SLV 2	-0.0020116	-60.347
647	SLU 84	-0.0036129	-108.387	SLV 2	-0.0020016	-60.047
650	SLU 84	-0.0036792	-110.377	SLV 2	-0.0020222	-60.667
663	SLV 14	-0.0048139	-144.416	SLV 3	-0.0011102	-33.305
665	SLU 84	-0.003578	-107.341	SLV 2	-0.0019992	-59.977
667	SLU 84	-0.0036626	-109.878	SLV 2	-0.0020137	-60.411
668	SLV 2	-0.0052281	-156.843	SLV 15	-0.0010724	-32.173
669	SLV 2	-0.0049876	-149.629	SLV 15	-0.0011395	-34.184
670	SLV 2	-0.0047881	-143.643	SLV 15	-0.0012136	-36.407
671	SLV 2	-0.0046136	-138.407	SLV 15	-0.0012908	-38.723
672	SLV 2	-0.0044527	-133.58	SLV 15	-0.0013685	-41.056
673	SLV 2	-0.0042989	-128.967	SLV 15	-0.0014456	-43.368
674	SLU 84	-0.0041565	-124.694	SLV 15	-0.0015213	-45.64
675	SLU 84	-0.004104	-123.119	SLV 15	-0.0015953	-47.86
676	SLU 84	-0.0040493	-121.478	SLV 15	-0.001667	-50.009
677	SLU 84	-0.0039908	-119.723	SLV 15	-0.001735	-52.049
678	SLU 84	-0.003927	-117.809	SLV 15	-0.0017971	-53.913
679	SLU 84	-0.0038571	-115.713	SLV 15	-0.0018501	-55.504
680	SLU 84	-0.0037824	-113.472	SLV 15	-0.00189	-56.701
681	SLU 84	-0.0037085	-111.254	SLV 15	-0.0019133	-57.4
682	SLU 84	-0.0036461	-109.382	SLV 13	-0.001921	-57.63
683	SLU 84	-0.0036115	-108.346	SLV 13	-0.0019221	-57.662
684	SLU 84	-0.0035991	-107.972	SLV 13	-0.0019457	-58.371
685	SLU 84	-0.0036111	-108.332	SLV 13	-0.0019808	-59.423
686	SLU 84	-0.0036283	-108.85	SLV 13	-0.0020383	-61.148
687	SLU 84	-0.0036485	-109.456	SLV 13	-0.0021182	-63.545
688	SLU 84	-0.00366	-109.799	SLV 13	-0.002207	-66.209
689	SLU 84	-0.0036577	-109.73	SLV 13	-0.0022933	-68.8
690	SLU 84	-0.0036389	-109.167	SLU 1	-0.0022997	-68.99
691	SLU 84	-0.0036022	-108.067	SLU 1	-0.0022754	-68.261
692	SLU 84	-0.0035495	-106.486	SLU 1	-0.0022416	-67.247
693	SLU 84	-0.0034803	-104.409	SLU 1	-0.0021983	-65.95
694	SLU 84	-0.0034109	-102.327	SLV 2	-0.0021512	-64.535
695	SLU 84	-0.0034278	-102.833	SLV 2	-0.0021193	-63.578
696	SLU 84	-0.0034511	-103.534	SLV 2	-0.0021259	-63.776
697	SLU 84	-0.0034668	-104.004	SLV 2	-0.0021341	-64.022
698	SLU 84	-0.003501	-105.031	SLV 6	-0.0021403	-64.208
699	SLU 84	-0.0035084	-105.252	SLV 6	-0.0021472	-64.416
700	SLU 84	-0.0035321	-105.964	SLV 6	-0.0022148	-66.443
701	SLU 84	-0.0034977	-104.93	SLU 1	-0.0022192	-66.575
702	SLU 84	-0.0034559	-103.677	SLU 1	-0.0021939	-65.816
703	SLU 84	-0.0034095	-102.284	SLU 1	-0.0021659	-64.976
704	SLU 84	-0.0034205	-102.616	SLU 1	-0.0021733	-65.199
705	SLU 84	-0.0034274	-102.821	SLV 1	-0.0021623	-64.868
706	SLU 84	-0.0034371	-103.113	SLV 1	-0.0021053	-63.158
707	SLU 84	-0.0034398	-103.194	SLV 1	-0.0020331	-60.994
708	SLU 84	-0.0034322	-102.965	SLV 2	-0.0019564	-58.693
709	SLU 84	-0.0034143	-102.428	SLV 2	-0.0018893	-56.68
710	SLU 84	-0.0033904	-101.713	SLV 2	-0.0018453	-55.36
711	SLU 84	-0.0033848	-101.543	SLV 2	-0.0018721	-56.163
712	SLU 84	-0.0035699	-107.098	SLV 2	-0.0019952	-59.856
713	SLU 84	-0.0036596	-109.787	SLV 2	-0.0020117	-60.351
714	SLU 84	-0.0036965	-110.896	SLV 4	-0.0020142	-60.426
715	SLU 84	-0.0037704	-113.111	SLV 4	-0.0019895	-59.685
716	SLU 84	-0.003839	-115.17	SLV 4	-0.0019361	-58.083
717	SLU 84	-0.0038996	-116.988	SLV 4	-0.0018635	-55.906
718	SLU 84	-0.0039526	-118.577	SLV 4	-0.0017798	-53.393
719	SLU 84	-0.0039996	-119.987	SLV 4	-0.00169	-50.701
720	SLU 84	-0.0040423	-121.269	SLV 4	-0.0015971	-47.914
721	SLU 84	-0.0040825	-122.475	SLV 4	-0.0015024	-45.073
722	SLV 15	-0.0042289	-126.866	SLV 2	-0.0014064	-42.191
723	SLV 16	-0.0043922	-131.766	SLV 1	-0.0013091	-39.273
724	SLV 16	-0.0045767	-137.301	SLV 1	-0.0012125	-36.376
725	SLV 16	-0.0048042	-144.125	SLV 1	-0.0011219	-33.658
726	SLV 16	-0.0051057	-153.172	SLV 1	-0.0010453	-31.359
728	SLV 2	-0.005002	-150.061	SLV 15	-0.0011089	-33.267
729	SLV 15	-0.0047599	-142.797	SLV 2	-0.0011025	-33.076
732	SLU 84	-0.0035662	-106.987	SLV 2	-0.0019938	-59.815
734	SLU 84	-0.0036489	-109.467	SLV 4	-0.0020055	-60.164
736	SLV 4	-0.0048276	-144.828	SLV 13	-0.0010775	-32.324
737	SLV 15	-0.0045974	-137.921	SLV 2	-0.0010684	-32.052
739	SLU 84	-0.0033737	-101.21	SLU 1	-0.0021259	-63.776
741	SLU 84	-0.0030701	-92.102	SLU 1	-0.0019377	-58.132
742	SLU 84	-0.0029466	-88.399	SLV 3	-0.0018487	-55.461



Nodo		Pressione minima			Pressione massima		
Ind.	Cont.	uz	Valore	Cont.	uz	Valore	
744	SLU 84	-0.00317	-95.099	SLV 3	-0.0019365	-58.094	
746	SLV 4	-0.0046045	-138.134	SLV 13	-0.0010354	-31.061	
747	SLV 15	-0.0043802	-131.406	SLV 2	-0.0010232	-30.696	
749	SLU 84	-0.0035804	-107.413	SLV 13	-0.0019434	-58.301	
751	SLU 84	-0.003632	-108.959	SLV 13	-0.0019707	-59.122	
752	SLU 84	-0.0036242	-108.726	SLV 2	-0.0020106	-60.319	
754	SLU 84	-0.0036068	-108.204	SLV 4	-0.0019814	-59.441	
756	SLV 4	-0.0043861	-131.584	SLV 13	-0.0009905	-29.716	
757	SLV 15	-0.0041516	-124.549	SLV 2	-0.0009754	-29.263	
759	SLU 84	-0.0036646	-109.939	SLV 2	-0.0020318	-60.954	
761	SLU 84	-0.003634	-109.02	SLV 2	-0.0019983	-59.95	
762	SLU 84	-0.0032956	-98.868	SLV 16	-0.0019906	-59.718	
764	SLU 84	-0.0029663	-88.988	SLV 16	-0.0018125	-54.374	
765	SLU 84	-0.0028152	-84.455	SLV 3	-0.001715	-51.45	
767	SLU 84	-0.0030694	-92.082	SLV 3	-0.0018244	-54.733	
768	SLU 84	-0.00358	-107.399	SLV 13	-0.0019739	-59.216	
770	SLU 84	-0.0036406	-109.219	SLV 13	-0.0019983	-59.95	
772	SLV 4	-0.0042053	-126.159	SLV 13	-0.0009495	-28.486	
773	SLV 15	-0.0039365	-118.095	SLV 2	-0.0009303	-27.908	
775	SLU 84	-0.0037088	-111.265	SLV 2	-0.0020572	-61.716	
777	SLU 84	-0.0036649	-109.947	SLV 2	-0.002022	-60.66	
778	SLU 84	-0.0035721	-107.162	SLV 13	-0.0019893	-59.679	
780	SLU 84	-0.0036421	-109.262	SLV 13	-0.0020123	-60.369	
781	SLU 84	-0.0032511	-97.534	SLV 16	-0.0018783	-56.348	
782	SLU 84	-0.003073	-92.191	SLV 16	-0.0017809	-53.426	
783	SLU 84	-0.0028951	-86.852	SLV 16	-0.0016836	-50.507	
784	SLU 84	-0.0019402	-58.205	SLV 16	-0.0011576	-34.728	
785	SLU 84	-0.0013665	-40.995	SLU 1	-0.0008772	-26.315	
786	SLU 84	-0.0018876	-56.628	SLV 3	-0.0011877	-35.63	
787	SLU 84	-0.0027429	-82.286	SLV 3	-0.0016413	-49.238	
788	SLU 84	-0.0028859	-86.576	SLV 3	-0.0017071	-51.212	
789	SLU 84	-0.0030289	-90.867	SLV 3	-0.0017728	-53.185	
791	SLU 84	-0.003034	-91.021	SLV 3	-0.001771	-53.131	
793	SLV 4	-0.0040819	-122.458	SLV 13	-0.0009182	-27.545	
794	SLV 15	-0.0037465	-112.394	SLV 2	-0.0008902	-26.706	
796	SLU 84	-0.0037514	-112.543	SLV 2	-0.0020753	-62.259	
798	SLU 84	-0.0036941	-110.824	SLV 2	-0.0020405	-61.216	
799	SLU 84	-0.0035526	-106.577	SLV 13	-0.0019849	-59.546	
801	SLU 84	-0.003632	-108.961	SLV 13	-0.0020097	-60.292	
802	SLU 84	-0.0032695	-98.084	SLV 16	-0.0018365	-55.096	
803	SLU 84	-0.0031383	-94.149	SLV 16	-0.0017828	-53.484	
804	SLU 84	-0.0030073	-90.218	SLV 16	-0.001729	-51.87	
805	SLU 84	-0.0021292	-63.877	SLV 16	-0.0012856	-38.568	
806	SLU 84	-0.0015433	-46.3	SLU 1	-0.000988	-29.639	
807	SLU 84	-0.0020349	-61.047	SLV 3	-0.0012837	-38.512	
808	SLU 84	-0.0028369	-85.107	SLV 3	-0.0017008	-51.025	
809	SLU 84	-0.0029542	-88.626	SLV 3	-0.0017486	-52.457	
810	SLU 84	-0.0030715	-92.146	SLV 3	-0.0017962	-53.887	
812	SLV 4	-0.0040308	-120.924	SLV 13	-0.0009004	-27.012	
813	SLV 15	-0.003584	-107.519	SLV 2	-0.0008557	-25.671	
815	SLU 84	-0.0037935	-113.806	SLV 2	-0.0020847	-62.541	
817	SLU 84	-0.0037228	-111.683	SLV 2	-0.0020458	-61.374	
818	SLU 84	-0.0035281	-105.843	SLV 13	-0.0019643	-58.93	
820	SLU 84	-0.0036172	-108.517	SLV 13	-0.0019915	-59.746	
821	SLU 84	-0.0033345	-100.034	SLV 14	-0.0018469	-55.407	
823	SLU 84	-0.0030943	-92.83	SLV 14	-0.0017486	-52.458	
824	SLU 84	-0.0029503	-88.509	SLV 1	-0.0017775	-53.326	
826	SLU 84	-0.0031652	-94.956	SLV 1	-0.0018635	-55.904	
828	SLV 4	-0.004065	-121.951	SLV 13	-0.0008996	-26.988	
829	SLV 15	-0.0034452	-103.357	SLV 2	-0.0008259	-24.776	
831	SLU 84	-0.0038409	-115.226	SLV 2	-0.0020874	-62.623	
833	SLU 84	-0.0037565	-112.694	SLV 2	-0.0020434	-61.303	
834	SLU 84	-0.0035162	-105.487	SLV 13	-0.0019303	-57.909	
836	SLU 84	-0.0036152	-108.457	SLV 13	-0.00196	-58.799	
837	SLU 84	-0.0034165	-102.496	SLV 14	-0.0018526	-55.578	
839	SLU 84	-0.0031981	-95.943	SLV 14	-0.0017669	-53.007	
840	SLU 84	-0.0030794	-92.382	SLV 1	-0.0018453	-55.358	
842	SLU 84	-0.003275	-98.251	SLV 1	-0.0019202	-57.606	
844	SLV 4	-0.0041984	-125.951	SLV 13	-0.0009194	-27.582	
845	SLV 15	-0.0033221	-99.664	SLV 2	-0.0007989	-23.967	
847	SLU 84	-0.0039033	-117.098	SLV 2	-0.0020831	-62.494	
849	SLU 84	-0.0038051	-114.154	SLV 2	-0.0020339	-61.016	
850	SLU 84	-0.0035465	-106.396	SLV 13	-0.0018861	-56.582	
852	SLU 84	-0.0036556	-109.669	SLV 13	-0.0019182	-57.547	
853	SLU 83	-0.0035051	-105.152	SLV 14	-0.001861	-55.829	
855	SLU 83	-0.0033081	-99.243	SLV 14	-0.0017887	-53.661	
856	SLU 83	-0.0032119	-96.357	SLV 2	-0.0019107	-57.321	
858	SLU 83	-0.0033885	-101.656	SLV 2	-0.0019735	-59.205	
860	SLV 4	-0.0044461	-133.383	SLV 13	-0.0009641	-28.924	
861	SLV 15	-0.0032043	-96.128	SLV 2	-0.0007724	-23.173	
863	SLU 84	-0.0039947	-119.84	SLV 2	-0.0020698	-62.094	
865	SLU 84	-0.0038826	-116.477	SLV 2	-0.0020152	-60.456	
866	SLV 4	-0.0049256	-147.767	SLV 13	-0.0009888	-29.663	
867	SLV 4	-0.004345	-130.35	SLV 13	-0.0009752	-29.256	
868	SLV 4	-0.0038183	-114.549	SLV 13	-0.0009728	-29.184	
869	SLV 4	-0.0033672	-101.017	SLV 13	-0.0009866	-29.598	
870	SLV 4	-0.0030032	-90.097	SLV 13	-0.0010198	-30.593	
871	SLU 84	-0.0027745	-83.235	SLV 13	-0.0010741	-32.223	
872	SLU 84	-0.0026983	-80.948	SLV 13	-0.00115	-34.501	



Nodo		Pressione minima			Pressione massima		
Ind.	Cont.	uz	Valore	Cont.	uz	Valore	
873	SLU 84	-0.0027015	-81.044	SLV 13	-0.0012465	-37.396	
874	SLU 84	-0.002777	-83.31	SLV 13	-0.0013604	-40.811	
875	SLU 84	-0.0029139	-87.417	SLV 13	-0.0014856	-44.568	
876	SLU 84	-0.0030962	-92.885	SLV 13	-0.0016129	-48.386	
877	SLU 84	-0.0033013	-99.04	SLV 13	-0.0017285	-51.856	
878	SLU 84	-0.0034984	-104.951	SLV 13	-0.0018141	-54.422	
879	SLU 84	-0.0035589	-106.767	SLV 13	-0.001833	-54.991	
880	SLU 83	-0.0036012	-108.037	SLV 14	-0.0018721	-56.163	
882	SLU 83	-0.0034253	-102.759	SLV 14	-0.0018132	-54.395	
883	SLU 83	-0.0033482	-100.446	SLV 2	-0.0019769	-59.308	
885	SLU 83	-0.0035063	-105.188	SLV 2	-0.0020269	-60.807	
887	SLV 4	-0.0048246	-144.739	SLV 13	-0.0010386	-31.159	
888	SLU 83	-0.0041256	-123.769	SLV 2	-0.0020433	-61.298	
890	SLU 83	-0.0040081	-120.243	SLV 2	-0.0019865	-59.594	
891	SLU 83	-0.0039489	-118.468	SLV 2	-0.0019562	-58.686	
892	SLU 84	-0.0037966	-113.897	SLV 2	-0.0018628	-55.884	
893	SLU 84	-0.0036208	-108.624	SLV 2	-0.0017383	-52.15	
894	SLU 84	-0.0034549	-103.647	SLV 2	-0.0016027	-48.081	
895	SLU 84	-0.0033197	-99.59	SLV 2	-0.0014688	-44.064	
896	SLU 84	-0.0032268	-96.805	SLV 2	-0.0013441	-40.324	
897	SLU 84	-0.0031818	-95.453	SLV 2	-0.0012321	-36.962	
898	SLV 15	-0.0032326	-96.979	SLV 2	-0.0011333	-33.998	
899	SLV 15	-0.0033903	-101.709	SLV 2	-0.0010465	-31.396	
900	SLV 15	-0.0035946	-107.839	SLV 2	-0.0009697	-29.091	
901	SLV 15	-0.0038373	-115.12	SLV 2	-0.0009	-27	
902	SLV 15	-0.0030798	-92.395	SLV 2	-0.0007439	-22.316	
904	SLV 15	-0.0041039	-123.116	SLV 2	-0.0008342	-25.027	
906	SLU 83	-0.0037158	-111.474	SLV 14	-0.0018907	-56.722	
908	SLU 83	-0.0035607	-106.82	SLV 14	-0.0018449	-55.348	
909	SLU 83	-0.0034996	-104.987	SLV 2	-0.0020502	-61.505	
911	SLU 83	-0.0036394	-109.182	SLV 2	-0.0020875	-62.626	
912	SLU 83	-0.0042285	-126.854	SLV 2	-0.0020115	-60.346	
915	SLV 4	-0.0053448	-160.343	SLV 13	-0.0011465	-34.395	
928	SLU 83	-0.0039364	-118.093	SLV 13	-0.0017364	-52.091	
931	SLU 83	-0.0041451	-124.354	SLV 13	-0.0017931	-53.792	
945	SLU 83	-0.0043495	-130.485	SLV 2	-0.0019425	-58.275	
950	SLU 83	-0.0042993	-128.979	SLV 13	-0.001733	-51.991	
951	SLU 83	-0.0038707	-116.12	SLV 14	-0.0019273	-57.82	
953	SLU 83	-0.0037361	-112.082	SLV 14	-0.0018946	-56.837	
954	SLU 83	-0.0036883	-110.649	SLV 2	-0.002143	-64.291	
956	SLU 83	-0.0038101	-114.304	SLV 2	-0.002168	-65.04	
957	SLU 83	-0.0045953	-137.859	SLV 13	-0.0016961	-50.883	
958	SLU 83	-0.004304	-129.119	SLV 13	-0.0016708	-50.125	
959	SLU 83	-0.0040319	-120.958	SLV 13	-0.001625	-48.75	
960	SLU 83	-0.0038052	-114.155	SLV 13	-0.0015809	-47.427	
961	SLU 83	-0.0036391	-109.172	SLV 13	-0.0015534	-46.603	
962	SLU 83	-0.0035403	-106.21	SLV 14	-0.0015491	-46.474	
963	SLU 83	-0.0035087	-105.261	SLV 14	-0.0015699	-47.096	
964	SLU 83	-0.0035377	-106.132	SLV 14	-0.0016183	-48.55	
965	SLU 83	-0.0036144	-108.433	SLV 14	-0.0016893	-50.68	
966	SLU 83	-0.0037179	-111.538	SLV 14	-0.001773	-53.19	
967	SLU 83	-0.0038174	-114.522	SLV 14	-0.0018539	-55.616	
968	SLU 83	-0.0038692	-116.076	SLV 14	-0.0019097	-57.292	
969	SLU 83	-0.0038178	-114.535	SLV 14	-0.0019123	-57.368	
970	SLU 83	-0.0036896	-110.688	SLV 14	-0.0018811	-56.432	
971	SLU 83	-0.0035177	-105.531	SLV 14	-0.0018377	-55.13	
972	SLU 83	-0.0033413	-100.24	SLV 14	-0.0017996	-53.989	
973	SLU 83	-0.0031886	-95.657	SLV 14	-0.0017794	-53.383	
974	SLU 83	-0.0030772	-92.315	SLV 14	-0.0017851	-53.554	
975	SLU 83	-0.0030173	-90.52	SLV 10	-0.0017842	-53.525	
976	SLU 83	-0.0030138	-90.414	SLV 10	-0.0018028	-54.084	
977	SLU 83	-0.0030664	-91.993	SLV 6	-0.0018489	-55.467	
978	SLU 83	-0.0031705	-95.116	SLV 6	-0.0019	-57	
979	SLU 83	-0.0033157	-99.471	SLV 6	-0.0019666	-58.997	
980	SLU 83	-0.003484	-104.521	SLV 6	-0.0020482	-61.447	
981	SLU 83	-0.0036473	-109.419	SLV 6	-0.0021313	-63.939	
982	SLU 83	-0.0037662	-112.985	SLV 2	-0.0021628	-64.883	
983	SLU 83	-0.0038112	-114.336	SLV 2	-0.0021512	-64.536	
984	SLU 83	-0.0037584	-112.753	SLV 2	-0.0020794	-62.381	
985	SLU 83	-0.003664	-109.92	SLV 2	-0.0019795	-59.384	
986	SLU 83	-0.0035715	-107.145	SLV 2	-0.0018766	-56.297	
987	SLU 83	-0.0035115	-105.344	SLV 2	-0.0017881	-53.643	
988	SLU 83	-0.0035041	-105.122	SLV 2	-0.0017257	-51.771	
989	SLU 83	-0.003561	-106.83	SLV 2	-0.0016962	-50.887	
990	SLU 83	-0.0036865	-110.596	SLV 2	-0.0017026	-51.079	
991	SLU 83	-0.0038775	-116.325	SLV 2	-0.0017439	-52.316	
992	SLU 83	-0.004122	-123.659	SLV 2	-0.0018144	-54.433	
993	SLU 83	-0.0043976	-131.927	SLV 2	-0.0019031	-57.093	
995	SLU 83	-0.0044623	-133.868	SLV 13	-0.0016461	-49.382	
997	SLV 3	-0.0047772	-143.315	SLV 14	-0.0015461	-46.384	
1009	SLU 83	-0.0041023	-123.069	SLV 14	-0.0020011	-60.032	
1011	SLU 83	-0.0039755	-119.266	SLV 14	-0.0019733	-59.198	
1024	SLU 83	-0.0039396	-118.188	SLV 6	-0.0022589	-67.766	
1026	SLU 83	-0.0040546	-121.637	SLV 2	-0.0022898	-68.693	
1037	SLU 83	-0.0046271	-138.812	SLV 2	-0.0018026	-54.079	



1.4 Cedimenti fondazioni superficiali

Nodo: nodo che interagisce col terreno.

Ind.: indice del nodo.

spostamento nodale massimo: situazione in cui si verifica lo spostamento massimo verticale nel nodo calcolato dal solutore ad elementi finiti. Lo spostamento massimo con segno è quello con valore massimo lungo l'asse Z, dove valori positivi rappresentano spostamenti verso l'alto.

Cont.: nome breve della condizione o combinazione di carico a cui si riferisce lo spostamento.

uz: spostamento verticale del nodo calcolato dal solutore ad elementi finiti. Lo spostamento è dotato di segno. [m]

Press.: pressione sul terreno corrispondente allo spostamento. Valori positivi indicano trazione, valori negativi indicano compressione. [kN/m²]

spostamento nodale minimo: situazione in cui si verifica lo spostamento minimo verticale del nodo calcolato dal solutore ad elementi finiti. Lo spostamento minimo con segno è quello con valore minimo lungo l'asse Z, dove valori negativi rappresentano spostamenti verso il basso.

Cont.: nome breve della condizione o combinazione di carico a cui si riferisce lo spostamento.

uz: spostamento verticale del nodo calcolato dal solutore ad elementi finiti. Lo spostamento è dotato di segno. [m]

Press.: pressione sul terreno corrispondente allo spostamento. Valori positivi indicano trazione, valori negativi indicano compressione. [kN/m²]

Cedimento elastico: cedimento teorico elastico massimo.

Cont.: nome breve della combinazione di carico in cui è stato calcolato il cedimento teorico elastico massimo.

v.: valore del cedimento teorico elastico massimo. [m]

Cedimento edometrico: cedimento teorico edometrico massimo.

Cont.: nome breve della combinazione di carico in cui è stato calcolato il cedimento teorico edometrico massimo.

v.: valore del cedimento teorico edometrico massimo. [m]

Cedimento di consolidazione: cedimento teorico di consolidazione massimo.

Cont.: nome breve della combinazione di carico in cui è stato calcolato il cedimento teorico di consolidazione massimo.

v.: valore del cedimento teorico di consolidazione massimo. [m]

Spostamento estremo minimo -0.0041703 al nodo di indice 251, di coordinate x = -24.4, y = -3.28, z = -1.56, nel contesto SLD 1.

Spostamento estremo massimo -0.0009054 al nodo di indice 785, di coordinate x = -12.39, y = 3.18, z = -1.56, nel contesto SLE rara 1.

Cedimento elastico estremo massimo 0.0018357 al nodo di indice 499, di coordinate x = -11.36, y = 0.01, z = -1.56, nel contesto SLE rara 21.

Nodo Ind.	spostamento nodale massimo			spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.	Cont.	v.	Cont.	v.
11	SLE RA 1	-2.7E-03	-79.664	SLE RA 21	-3.0E-03	-89.738	SLE RA 21	1.22E-03				
12	SLE RA 1	-2.7E-03	-79.845	SLE RA 21	-3.0E-03	-89.815	SLE RA 21	1.24E-03				
13	SLE RA 1	-2.7E-03	-80.01	SLE RA 21	-3.0E-03	-89.868	SLE RA 21	1.24E-03				
14	SLE RA 1	-2.7E-03	-80.164	SLE RA 21	-3.0E-03	-89.904	SLE RA 21	1.22E-03				
15	SLE RA 1	-2.7E-03	-80.285	SLE RA 21	-3.0E-03	-89.902	SLE RA 21	1.17E-03				
16	SLE RA 1	-2.7E-03	-80.282	SLE RA 21	-3.0E-03	-89.766	SLE RA 21	1.10E-03				
17	SLD 4	-2.7E-03	-79.846	SLE RA 21	-3.0E-03	-89.481	SLE RA 21	1.02E-03				
18	SLE RA 1	-2.6E-03	-78.454	SLE RA 21	-2.9E-03	-88.442	SLE RA 21	1.33E-03				
20	SLE RA 1	-2.6E-03	-78.604	SLE RA 21	-2.9E-03	-88.489	SLE RA 21	1.36E-03				
22	SLE RA 1	-2.6E-03	-78.642	SLE RA 21	-2.9E-03	-88.404	SLE RA 21	1.35E-03				
24	SLE RA 1	-2.6E-03	-78.7	SLE RA 21	-2.9E-03	-88.338	SLE RA 21	1.33E-03				
26	SLE RA 1	-2.6E-03	-78.787	SLE RA 21	-2.9E-03	-88.305	SLE RA 21	1.31E-03				
27	SLE RA 1	-2.6E-03	-78.809	SLE RA 21	-2.9E-03	-88.202	SLE RA 21	1.24E-03				
28	SLD 4	-2.6E-03	-78.506	SLE RA 21	-2.9E-03	-87.859	SLE RA 21	1.15E-03				
29	SLE RA 1	-2.6E-03	-77.349	SLE RA 21	-2.9E-03	-86.638	SLE RA 21	1.32E-03				
30	SLE RA 1	-2.6E-03	-77.197	SLE RA 21	-2.9E-03	-86.348	SLE RA 21	1.23E-03				
31	SLE RA 1	-2.6E-03	-77.084	SLE RA 21	-2.9E-03	-86.456	SLE RA 21	1.37E-03				
32	SLE RA 1	-2.6E-03	-77.082	SLE RA 21	-2.9E-03	-86.954	SLE RA 21	0.001395				
33	SLE RA 1	-2.6E-03	-77.098	SLE RA 21	-2.9E-03	-86.856	SLE RA 21	1.42E-03				
34	SLE RA 1	-2.6E-03	-76.842	SLE RA 21	-2.9E-03	-86.45	SLE RA 21	1.44E-03				
35	SLE RA 1	-2.6E-03	-76.505	SLE RA 21	-2.9E-03	-85.946	SLE RA 21	1.42E-03				
36	SLE RA 1	-2.5E-03	-75.777	SLE RA 21	-2.8E-03	-84.952	SLE RA 21	1.35E-03				
37	SLE RA 1	-2.5E-03	-75.625	SLE RA 21	-2.8E-03	-84.668	SLE RA 21	1.29E-03				
38	SLE RA 1	-2.5E-03	-75.62	SLE RA 21	-2.8E-03	-84.86	SLE RA 21	1.40E-03				
39	SLE RA 1	-2.5E-03	-75.436	SLE RA 21	-2.8E-03	-84.728	SLE RA 21	0.001432				
41	SLE RA 1	-2.5E-03	-75.622	SLE RA 21	-2.8E-03	-85.361	SLE RA 21	1.43E-03				
42	SLE RA 1	-2.5E-03	-75.527	SLE RA 21	-2.8E-03	-85.147	SLE RA 21	1.46E-03				
43	SLE RA 1	-2.5E-03	-75.163	SLE RA 21	-2.8E-03	-84.639	SLE RA 21	1.48E-03				
44	SLE RA 1	-0.00249	-74.701	SLE RA 21	-2.8E-03	-84.03	SLE RA 21	1.47E-03				
45	SLE RA 1	-2.5E-03	-74.276	SLE RA 21	-2.8E-03	-83.491	SLE RA 21	1.45E-03				
46	SLE RA 1	-2.5E-03	-74.214	SLE RA 21	-2.8E-03	-83.277	SLE RA 21	1.37E-03				
47	SLE RA 1	-2.5E-03	-73.998	SLE RA 21	-2.8E-03	-82.929	SLE RA 21	1.30E-03				
48	SLE RA 1	-2.5E-03	-74.2	SLE RA 21	-2.8E-03	-83.338	SLE RA 21	0.001418				
49	SLE RA 1	-2.5E-03	-74.137	SLE RA 21	-2.8E-03	-83.742	SLE RA 21	1.43E-03				
50	SLE RA 1	-2.5E-03	-73.994	SLE RA 21	-2.8E-03	-83.484	SLE RA 21	1.46E-03				
51	SLE RA 1	-2.5E-03	-73.633	SLE RA 21	-2.8E-03	-82.996	SLE RA 21	1.47E-03				
52	SLE RA 1	-2.4E-03	-73.247	SLE RA 21	-2.7E-03	-82.486	SLE RA 21	1.47E-03				
53	SLE RA 1	-2.4E-03	-72.936	SLE RA 21	-2.7E-03	-82.069	SLE RA 21	1.44E-03				
54	SLE RA 1	-2.4E-03	-72.795	SLE RA 21	-2.7E-03	-81.84	SLE RA 21	1.41E-03				
55	SLE RA 1	-2.4E-03	-72.681	SLE RA 21	-2.7E-03	-81.638	SLE RA 21	1.37E-03				
56	SLE RA 1	-2.4E-03	-72.373	SLE RA 21	-2.7E-03	-81.189	SLE RA 21	1.30E-03				
57	SLE RA 1	-2.4E-03	-72.604	SLE RA 21	-2.7E-03	-82.077	SLE RA 21	1.39E-03				
58	SLE RA 1	-2.4E-03	-72.466	SLE RA 21	-2.7E-03	-81.831	SLE RA 21	0.001416				
59	SLE RA 1	-2.4E-03	-72.213	SLE RA 21	-2.7E-03	-81.476	SLE RA 21	1.43E-03				
60	SLE RA 1	-2.4E-03	-71.914	SLE RA 21	-2.7E-03	-81.071	SLE RA 21	1.42E-03				
61	SLE RA 1	-2.4E-03	-71.643	SLE RA 21	-2.7E-03	-80.697	SLE RA 21	1.41E-03				
62	SLE RA 1	-2.4E-03	-71.409	SLE RA 21	-2.7E-03	-80.363	SLE RA 21	1.38E-03				
63	SLE RA 1	-2.4E-03	-71.167	SLE RA 21	-2.7E-03	-80.017	SLE RA 21	1.34E-03				
64	SLE RA 1	-2.4E-03	-70.774	SLE RA 21	-2.6E-03	-79.476	SLE RA 21	1.27E-03				
65	SLD 10	-2.4E-03	-71.63	SLE RA 21	-2.7E-03	-81.155	SLE RA 21	1.36E-03				
66	SLE RA 1	-2.4E-03	-71.603	SLE RA 21	-2.7E-03	-80.898	SLE RA 21	1.38E-03				
67	SLE RA 1	-2.4E-03	-71.365	SLE RA 21	-2.7E-03	-80.563	SLE RA 21	1.39E-03				
68	SLE RA 1	-2.4E-03	-71.058	SLE RA 21	-2.7E-03	-80.153	SLE RA 21	1.38E-03				
69	SLE RA 1	-2.4E-03	-70.744	SLE RA 21	-2.7E-03	-79.735	SLE RA 21	1.37E-03				



Nodo	spostamento nodale massimo			spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
Ind.	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.	Cont.	v.	Cont.	v.
70	SLE RA 1	-2.3E-03	-70.442	SLE RA 21	-2.6E-03	-79.328	SLE RA 21	1.34E-03				
71	SLE RA 1	-2.3E-03	-70.133	SLE RA 21	-2.6E-03	-78.908	SLE RA 21	1.30E-03				
72	SLE RA 1	-2.3E-03	-69.709	SLE RA 21	-2.6E-03	-78.334	SLE RA 21	1.24E-03				
130	SLD 12	-3.0E-03	-89.735	SLE RA 21	-3.5E-03	-105.223	SLE RA 21	1.38E-05				
131	SLD 12	-3.0E-03	-89.833	SLE RA 21	-3.5E-03	-105.013	SLE RA 21	1.63E-05				
132	SLD 12	-3.0E-03	-90.188	SLE RA 21	-3.5E-03	-105.127	SLE RA 21	2.56E-05				
133	SLD 12	-3.0E-03	-90.785	SLE RA 21	-3.5E-03	-105.548	SLE RA 21	3.91E-05				
134	SLD 12	-3.1E-03	-91.561	SLE RA 21	-3.5E-03	-106.207	SLE RA 21	4.92E-05				
135	SLD 12	-3.1E-03	-92.389	SLE RA 21	-3.6E-03	-106.983	SLE RA 21	5.63E-05				
136	SLD 8	-3.1E-03	-92.365	SLE RA 21	-3.6E-03	-107.01	SLE RA 21	6.54E-05				
137	SLD 16	-3.0E-03	-90.194	SLD 1	-3.6E-03	-108.651						
138	SLD 16	-3.0E-03	-90.156	SLD 1	-3.6E-03	-106.585	SLE RA 21	1.70E-06				
139	SLD 12	-3.0E-03	-89.866	SLE RA 21	-3.5E-03	-105.685	SLE RA 21	9.66E-06				
153	SLD 7	-2.9E-03	-86.445	SLE RA 21	-3.4E-03	-100.536	SLE RA 21	2.31E-04				
155	SLD 7	-2.9E-03	-87.487	SLE RA 21	-3.4E-03	-101.853	SLE RA 21	0.000195				
157	SLD 7	-2.9E-03	-87.963	SLE RA 21	-3.4E-03	-102.512	SLE RA 21	1.44E-04				
159	SLD 7	-2.9E-03	-88.036	SLE RA 21	-3.4E-03	-102.752	SLE RA 21	0.000106				
161	SLD 7	-2.9E-03	-87.919	SLE RA 21	-3.4E-03	-102.813	SLE RA 21	7.75E-05				
163	SLD 7	-2.9E-03	-87.763	SLE RA 21	-3.4E-03	-102.866	SLE RA 21	5.02E-05				
165	SLD 7	-2.9E-03	-87.679	SLE RA 21	-3.4E-03	-103.034	SLE RA 21	2.29E-05				
167	SLD 3	-2.9E-03	-87.249	SLD 14	-3.5E-03	-103.516	SLE RA 21	1.34E-05				
168	SLD 3	-2.9E-03	-86.968	SLD 14	-3.5E-03	-104.793	SLE RA 21	8.73E-06				
169	SLD 3	-2.9E-03	-86.838	SLD 14	-3.6E-03	-106.516	SLE RA 21	1.11E-06				
170	SLD 3	-2.9E-03	-86.896	SLD 14	-3.6E-03	-108.454						
171	SLD 8	-2.9E-03	-87.059	SLE RA 21	-3.3E-03	-100.323	SLE RA 21	2.30E-04				
172	SLD 8	-2.8E-03	-84.998	SLE RA 21	-3.3E-03	-98.03	SLE RA 21	2.39E-04				
173	SLD 8	-2.8E-03	-83.137	SLE RA 21	-3.2E-03	-95.91	SLE RA 21	2.56E-04				
174	SLD 7	-2.7E-03	-82.008	SLE RA 21	-3.2E-03	-94.605	SLE RA 21	2.87E-04				
175	SLD 7	-2.7E-03	-81.8	SLE RA 21	-3.1E-03	-94.397	SLE RA 21	3.29E-04				
176	SLD 7	-2.7E-03	-82.485	SLE RA 21	-3.2E-03	-95.222	SLE RA 21	3.72E-04				
177	SLD 7	-2.8E-03	-83.689	SLE RA 21	-3.2E-03	-96.662	SLE RA 21	3.98E-04				
178	SLD 7	-2.8E-03	-84.732	SLE RA 21	-3.3E-03	-97.943	SLE RA 21	3.89E-04				
179	SLD 16	-2.9E-03	-87.293	SLE RA 21	-3.4E-03	-102.542	SLE RA 21	5.87E-05				
180	SLD 12	-2.9E-03	-86.811	SLE RA 21	-3.4E-03	-101.236	SLE RA 21	1.01E-04				
181	SLD 12	-2.9E-03	-86.195	SLE RA 21	-3.3E-03	-100.229	SLE RA 21	1.31E-04				
182	SLD 12	-2.9E-03	-85.946	SLE RA 21	-3.3E-03	-99.663	SLE RA 21	1.55E-04				
183	SLD 12	-2.9E-03	-86.146	SLE RA 21	-3.3E-03	-99.636	SLE RA 21	1.83E-04				
184	SLD 12	-2.9E-03	-86.808	SLE RA 21	-3.3E-03	-100.162	SLE RA 21	2.07E-04				
185	SLD 12	-2.9E-03	-87.839	SLE RA 21	-3.4E-03	-101.14	SLE RA 21	2.23E-04				
186	SLD 12	-3.0E-03	-88.922	SLE RA 21	-3.4E-03	-102.267	SLE RA 21	2.34E-04				
187	SLD 8	-3.0E-03	-89.562	SLE RA 21	-3.4E-03	-103.193	SLE RA 21	2.57E-04				
188	SLD 16	-2.9E-03	-87.732	SLD 1	-3.5E-03	-104.391	SLE RA 21	3.30E-06				
190	SLD 7	-2.8E-03	-84.022	SLE RA 21	-3.2E-03	-96.996	SLE RA 21	4.12E-04				
192	SLD 7	-2.8E-03	-84.85	SLE RA 21	-3.3E-03	-98.054	SLE RA 21	3.92E-04				
193	SLD 7	-2.8E-03	-85.176	SLE RA 21	-3.3E-03	-98.521	SLE RA 21	3.58E-04				
194	SLD 7	-2.8E-03	-85.123	SLE RA 21	-3.3E-03	-98.588	SLE RA 21	3.14E-04				
195	SLD 7	-2.8E-03	-84.924	SLE RA 21	-3.3E-03	-98.52	SLE RA 21	0.000272				
196	SLD 7	-2.8E-03	-84.794	SLE RA 21	-3.3E-03	-98.562	SLE RA 21	2.29E-04				
197	SLD 3	-2.8E-03	-84.765	SLE RA 21	-3.3E-03	-98.875	SLE RA 21	0.000185				
198	SLD 3	-2.8E-03	-84.609	SLE RA 21	-3.3E-03	-99.525	SLE RA 21	1.38E-04				
199	SLD 3	-2.8E-03	-84.704	SLD 14	-3.4E-03	-100.783	SLE RA 21	1.02E-04				
200	SLD 3	-2.8E-03	-84.989	SLD 14	-3.4E-03	-102.744	SLE RA 21	5.37E-05				
201	SLD 3	-2.8E-03	-85.366	SLD 14	-3.5E-03	-104.816	SLE RA 21	2.42E-06				
202	SLD 16	-2.8E-03	-84.451	SLE RA 21	-3.3E-03	-98.545	SLE RA 21	0.000187				
203	SLD 16	-2.8E-03	-83.657	SLE RA 21	-3.2E-03	-96.782	SLE RA 21	2.38E-04				
204	SLD 12	-2.8E-03	-82.679	SLE RA 21	-3.2E-03	-95.279	SLE RA 21	2.77E-04				
205	SLD 12	-2.7E-03	-82.055	SLE RA 21	-3.1E-03	-94.324	SLE RA 21	3.11E-04				
206	SLD 12	-2.7E-03	-82.078	SLE RA 21	-3.1E-03	-94.132	SLE RA 21	3.40E-04				
207	SLD 12	-2.8E-03	-82.813	SLE RA 21	-3.2E-03	-94.775	SLE RA 21	3.67E-04				
208	SLD 12	-2.8E-03	-84.184	SLE RA 21	-3.2E-03	-96.17	SLE RA 21	3.90E-04				
209	SLD 8	-2.9E-03	-85.839	SLE RA 21	-3.3E-03	-98.102	SLE RA 21	3.99E-04				
210	SLD 8	-2.9E-03	-87.593	SLE RA 21	-3.3E-03	-100.379	SLE RA 21	3.83E-04				
211	SLD 16	-2.8E-03	-85.327	SLE RA 21	-3.3E-03	-100.399	SLE RA 21	1.16E-04				
214	SLD 7	-2.7E-03	-82.117	SLE RA 21	-3.1E-03	-94.075	SLE RA 21	5.80E-04				
216	SLD 7	-2.8E-03	-82.564	SLE RA 21	-3.2E-03	-94.676	SLE RA 21	5.73E-04				
217	SLD 7	-2.8E-03	-82.622	SLE RA 21	-3.2E-03	-94.816	SLE RA 21	5.45E-04				
218	SLD 7	-2.7E-03	-82.344	SLE RA 21	-3.2E-03	-94.597	SLE RA 21	5.04E-04				
219	SLD 7	-2.7E-03	-82.004	SLE RA 21	-3.1E-03	-94.332	SLE RA 21	0.000457				
220	SLD 7	-2.7E-03	-81.866	SLE RA 21	-3.1E-03	-94.325	SLE RA 21	4.06E-04				
221	SLD 3	-2.7E-03	-81.851	SLE RA 21	-3.2E-03	-94.773	SLE RA 21	3.52E-04				
222	SLD 3	-2.7E-03	-82.014	SLE RA 21	-3.2E-03	-95.725	SLE RA 21	2.96E-04				
223	SLD 3	-0.00275	-82.501	SLE RA 21	-3.2E-03	-97.076	SLE RA 21	2.45E-04				
224	SLD 3	-2.8E-03	-83.159	SLD 14	-3.3E-03	-98.946	SLE RA 21	1.83E-04				
225	SLD 3	-2.8E-03	-83.877	SLD 14	-3.4E-03	-101.247	SLE RA 21	1.02E-04				
226	SLD 16	-2.7E-03	-81.428	SLE RA 21	-3.1E-03	-94.387	SLE RA 21	3.25E-04				
227	SLD 16	-2.7E-03	-80.273	SLE RA 21	-3.1E-03	-92.304	SLE RA 21	3.70E-04				
228	SLD 12	-2.6E-03	-79.093	SLE RA 21	-3.0E-03	-90.284	SLE RA 21	4.10E-04				
229	SLD 12	-2.6E-03	-78.085	SLE RA 21	-3.0E-03	-88.927	SLE RA 21	4.48E-04				
230	SLD 12	-2.6E-03	-77.925	SLE RA 21	-3.0E-03	-88.562	SLE RA 21	4.77E-04				
231	SLD 12	-2.6E-03	-78.723	SLE RA 21	-3.0E-03	-89.311	SLE RA 21	5.08E-04				
232	SLD 12	-2.7E-03	-80.447	SLE RA 21	-3.0E-03	-91.157	SLE RA 21	5.29E-04				
233	SLD 8	-2.8E-03	-82.693	SLE RA 21	-3.1E-03	-93.947	SLE RA 21	5.35E-04				
234	SLD 8	-2.8E-03	-85.337	SLE RA 21	-3.2E-03	-97.25	SLE RA 21	0.000536				
235	SLD 16	-2.8E-03	-82.589	SLE RA 21	-3.2E-03	-96.474	SLE RA 21	2.72E-04				
237	SLD 7	-2.7E-03	-80.318	SLE RA 21	-3.0E-03	-91.325	SLE RA 21	7.00E-04				
239	SLD 7	-2.7E-03	-80.45	SLE RA 21	-3.1E-03	-91.533	SLE RA 21	7.09E-04				
240	SLD 7	-2.7E-03	-80.256	SLE RA 21	-3.0E-03	-91.361	SLE RA 21	6.83E-04				
241	SLD 7	-2.7E-03	-79.692	SLE RA 21	-3.0E-03	-90.786	SLE RA 21	6.51E-04				
242	SLD 7	-2.6E-03	-79.145	SLE RA 21	-3.0E-03	-90.246	SLE RA 21	6.07E-04				



spostamento nodale massimo				spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
Ind.	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.	Cont.	v.	Cont.	v.
243	SLD 7	-2.6E-03	-78.959	SLE RA 21	-3.0E-03	-90.141	SLE RA 21	5.58E-04				
244	SLD 3	-2.6E-03	-78.926	SLE RA 21	-3.0E-03	-90.688	SLE RA 21	5.06E-04				
245	SLD 3	-2.6E-03	-79.385	SLE RA 21	-3.1E-03	-91.929	SLE RA 21	4.51E-04				
246	SLD 3	-2.7E-03	-80.253	SLE RA 21	-3.1E-03	-93.67	SLE RA 21	3.95E-04				
247	SLD 3	-2.7E-03	-81.178	SLE RA 21	-3.2E-03	-95.443	SLE RA 21	3.34E-04				
248	SLD 3	-2.7E-03	-82.101	SLD 14	-3.2E-03	-97.456	SLE RA 21	2.60E-04				
251	SLD 16	-2.3E-03	-67.524	SLD 1	-4.2E-03	-125.108	SLE RA 20	4.85E-05				
266	SLD 16	-2.5E-03	-75.568	SLD 1	-3.1E-03	-94.36	SLE RA 20	3.20E-04				
268	SLD 16	-2.6E-03	-77.828	SLD 1	-3.2E-03	-95.129	SLE RA 20	3.89E-04				
272	SLD 16	-2.6E-03	-78.734	SLE RA 21	-3.0E-03	-91.382	SLE RA 21	4.62E-04				
273	SLD 16	-2.6E-03	-77.714	SLE RA 21	-3.0E-03	-89.54	SLE RA 21	4.66E-04				
274	SLD 16	-2.6E-03	-76.598	SLE RA 21	-2.9E-03	-87.629	SLE RA 21	4.83E-04				
275	SLD 16	-2.5E-03	-75.106	SLE RA 21	-2.8E-03	-85.08	SLE RA 21	5.12E-04				
276	SLD 12	-2.5E-03	-73.962	SLE RA 21	-2.8E-03	-83.387	SLE RA 21	5.45E-04				
277	SLD 12	-2.5E-03	-73.635	SLE RA 21	-2.8E-03	-82.865	SLE RA 21	5.79E-04				
278	SLD 12	-2.5E-03	-74.449	SLE RA 21	-2.8E-03	-83.671	SLE RA 21	5.84E-04				
279	SLD 8	-2.5E-03	-76.291	SLE RA 21	-2.9E-03	-85.823	SLE RA 21	6.08E-04				
280	SLD 8	-2.6E-03	-79.015	SLE RA 21	-3.0E-03	-89.245	SLE RA 21	6.48E-04				
281	SLD 8	-2.7E-03	-79.934	SLE RA 21	-3.0E-03	-90.386	SLE RA 21	6.46E-04				
282	SLD 8	-2.7E-03	-81.985	SLE RA 21	-3.1E-03	-92.896	SLE RA 21	6.39E-04				
284	SLD 7	-2.6E-03	-78.225	SLE RA 21	-2.9E-03	-88.308	SLE RA 21	8.26E-04				
286	SLD 7	-2.6E-03	-78.207	SLE RA 21	-2.9E-03	-88.287	SLE RA 21	8.22E-04				
287	SLD 7	-2.6E-03	-77.944	SLE RA 21	-2.9E-03	-88.017	SLE RA 21	8.34E-04				
288	SLD 7	-2.6E-03	-77.058	SLE RA 21	-2.9E-03	-87.033	SLE RA 21	7.96E-04				
289	SLD 7	-2.5E-03	-76.293	SLE RA 21	-2.9E-03	-86.199	SLE RA 21	7.43E-04				
290	SLD 3	-2.5E-03	-75.941	SLE RA 21	-2.9E-03	-85.954	SLE RA 21	6.84E-04				
291	SLD 3	-2.5E-03	-75.913	SLE RA 21	-2.9E-03	-86.538	SLE RA 21	6.20E-04				
292	SLD 3	-2.6E-03	-76.568	SLE RA 21	-2.9E-03	-87.979	SLE RA 21	5.60E-04				
293	SLD 3	-2.6E-03	-77.75	SLE RA 21	-3.0E-03	-90.11	SLE RA 21	5.11E-04				
294	SLD 3	-2.6E-03	-78.615	SLE RA 20	-3.1E-03	-91.703	SLE RA 21	4.78E-04				
295	SLD 3	-2.6E-03	-79.389	SLE RA 20	-3.1E-03	-93.237	SLE RA 20	0.00046				
299	SLD 3	-2.6E-03	-78.105	SLD 14	-3.2E-03	-96.554	SLE RA 20	3.22E-04				
301	SLD 3	-2.5E-03	-75.895	SLD 14	-3.2E-03	-95.431	SLE RA 20	2.50E-04				
316	SLD 3	-2.1E-03	-63.339	SLD 14	-3.9E-03	-117.617	SLE RA 20	5.05E-05				
319	SLD 3	-2.1E-03	-64.176	SLD 14	-4.0E-03	-120.83	SLE RA 20	5.29E-05				
320	SLD 3	-2.0E-03	-59.117	SLD 14	-3.6E-03	-108.546	SLE RA 20	6.61E-05				
321	SLD 3	-1.8E-03	-54.963	SLD 14	-3.3E-03	-97.983	SLE RA 20	0.000061				
322	SLD 3	-1.7E-03	-51.841	SLD 14	-3.0E-03	-89.374	SLE RA 20	0.000046				
323	SLD 16	-2.2E-03	-66.313	SLD 1	-4.1E-03	-123.919	SLE RA 20	0.000053				
324	SLD 16	-2.0E-03	-61.376	SLD 1	-3.7E-03	-111.959	SLE RA 20	0.000063				
325	SLD 16	-1.9E-03	-57.147	SLD 1	-3.4E-03	-101.353	SLE RA 20	5.68E-05				
326	SLD 16	-1.8E-03	-53.813	SLD 1	-3.1E-03	-92.456	SLE RA 20	4.33E-05				
327	SLD 16	-1.7E-03	-51.439	SLD 1	-2.8E-03	-85.376	SLE RA 20	3.09E-05				
328	SLD 16	-1.7E-03	-50.024	SLD 1	-2.7E-03	-80.08	SLE RA 20	2.23E-05				
329	SLD 16	-1.7E-03	-49.539	SLD 1	-2.5E-03	-76.463	SLE RA 20	1.74E-05				
330	SLD 16	-1.7E-03	-49.947	SLD 1	-2.5E-03	-74.394	SLE RA 20	1.56E-05				
331	SLD 16	-1.7E-03	-51.211	SLD 1	-2.5E-03	-73.744	SLE RA 20	1.69E-05				
332	SLD 16	-1.8E-03	-53.288	SLD 1	-2.5E-03	-74.38	SLE RA 20	2.12E-05				
333	SLD 16	-1.9E-03	-56.119	SLD 1	-2.5E-03	-76.157	SLE RA 20	2.91E-05				
334	SLD 16	-2.0E-03	-59.595	SLD 1	-2.6E-03	-78.882	SLE RA 20	7.87E-05				
335	SLD 16	-2.1E-03	-63.527	SLD 1	-2.7E-03	-82.258	SLE RA 20	1.79E-04				
336	SLD 16	-2.3E-03	-67.581	SLD 1	-2.9E-03	-85.816	SLE RA 20	0.000308				
337	SLD 16	-2.4E-03	-71.221	SLD 1	-3.0E-03	-88.821	SLE RA 20	3.85E-04				
338	SLD 16	-2.5E-03	-73.671	SLD 1	-3.0E-03	-90.242	SLE RA 20	4.72E-04				
339	SLD 16	-2.5E-03	-74.981	SLD 1	-3.0E-03	-90.313	SLE RA 20	5.17E-04				
340	SLD 16	-2.5E-03	-75.456	SLD 1	-3.0E-03	-89.162	SLE RA 20	5.67E-04				
341	SLD 16	-2.5E-03	-75.249	SLE RA 20	-2.9E-03	-87.798	SLE RA 20	0.000559				
342	SLD 16	-2.5E-03	-74.368	SLE RA 20	-2.9E-03	-85.831	SLE RA 20	5.51E-04				
343	SLD 16	-2.5E-03	-73.53	SLE RA 20	-2.8E-03	-84.186	SLE RA 21	5.51E-04				
344	SLD 16	-2.4E-03	-72.477	SLE RA 21	-2.7E-03	-82.35	SLE RA 21	5.55E-04				
345	SLD 16	-2.4E-03	-70.984	SLE RA 21	-2.7E-03	-79.831	SLE RA 21	0.000571				
346	SLE RA 1	-2.3E-03	-69.867	SLE RA 21	-2.6E-03	-78.063	SLE RA 21	6.07E-04				
347	SLE RA 1	-2.3E-03	-69.293	SLE RA 21	-2.6E-03	-77.497	SLE RA 21	6.31E-04				
348	SLE RA 1	-2.3E-03	-69.956	SLE RA 21	-2.6E-03	-78.339	SLE RA 21	0.000669				
349	SLE RA 1	-2.4E-03	-71.863	SLE RA 21	-2.7E-03	-80.593	SLE RA 21	7.00E-04				
350	SLE RA 1	-2.5E-03	-74.844	SLE RA 21	-2.8E-03	-84.068	SLE RA 21	7.40E-04				
351	SLD 8	-2.6E-03	-79.346	SLE RA 21	-3.0E-03	-89.539	SLE RA 21	7.22E-04				
352	SLD 3	-1.7E-03	-49.769	SLD 14	-2.8E-03	-82.735	SLE RA 20	3.17E-05				
353	SLD 3	-1.6E-03	-48.718	SLD 14	-2.6E-03	-77.969	SLE RA 20	0.000022				
354	SLD 3	-1.6E-03	-48.639	SLD 14	-2.5E-03	-74.934	SLE RA 20	1.67E-05				
355	SLD 3	-1.6E-03	-49.485	SLD 14	-2.4E-03	-73.478	SLE RA 20	1.51E-05				
356	SLD 3	-1.7E-03	-51.208	SLD 14	-2.4E-03	-73.452	SLE RA 20	1.66E-05				
357	SLD 3	-1.8E-03	-53.749	SLD 14	-2.5E-03	-74.707	SLE RA 20	2.12E-05				
358	SLD 3	-1.9E-03	-57.023	SLD 14	-2.6E-03	-77.072	SLE RA 20	0.000029				
359	SLD 3	-2.0E-03	-60.879	SLD 14	-2.7E-03	-80.309	SLE RA 20	5.94E-05				
360	SLD 3	-2.2E-03	-65.059	SLD 14	-2.8E-03	-84.053	SLE RA 20	1.35E-04				
361	SLD 3	-2.3E-03	-69.129	SLD 14	-2.9E-03	-87.732	SLE RA 20	0.00025				
362	SLD 3	-2.4E-03	-73.269	SLD 14	-3.0E-03	-91.013	SLE RA 20	3.93E-04				
363	SLD 3	-2.4E-03	-72.409	SLD 14	-3.0E-03	-90.466	SLE RA 20	3.55E-04				
364	SLD 3	-2.5E-03	-75.927	SLD 14	-3.1E-03	-92.305	SLE RA 20	4.97E-04				
365	SLD 3	-2.5E-03	-75.478	SLD 14	-3.1E-03	-92.137	SLE RA 20	4.84E-04				
366	SLD 3	-2.6E-03	-76.745	SLD 14	-3.1E-03	-91.852	SLE RA 20	5.22E-04				
367	SLD 3	-2.6E-03	-76.815	SLE RA 20	-3.0E-03	-90.459	SLE RA 20	5.37E-04				
368	SLD 3	-2.5E-03	-76.231	SLE RA 20	-3.0E-03	-88.875	SLE RA 20	5.54E-04				
369	SLD 3	-2.5E-03	-75.629	SLE RA 20	-2.9E-03	-87.531	SLE RA 21	5.81E-04				
370	SLD 3	-2.5E-03	-74.838	SLE RA 20	-2.9E-03	-86.023	SLE RA 21	6.16E-04				
371	SLD 3	-2.5E-03	-73.71	SLE RA 21	-2.8E-03	-83.972	SLE RA 21	6.70E-04				
372	SLD 3	-2.4E-03	-73.027	SLE RA 21	-2.8E-03	-82.549	SLE RA 21	7.30E-04				
373	SLD 3	-2.4E-03	-73.056	SLE RA 21	-2.7E-03	-82.033	SLE RA 21	7.91E-04				



spostamento nodale massimo				spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
Ind.	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.	Cont.	v.	Cont.	v.
374	SLE RA 1	-2.5E-03	-73.515	SLE RA 21	-2.7E-03	-82.434	SLE RA 21	8.50E-04				
375	SLE RA 1	-2.5E-03	-74.388	SLE RA 21	-2.8E-03	-83.507	SLE RA 21	0.000902				
376	SLE RA 1	-2.5E-03	-75.395	SLE RA 21	-2.8E-03	-84.728	SLE RA 21	9.39E-04				
377	SLE RA 1	-2.5E-03	-75.882	SLE RA 21	-2.8E-03	-85.367	SLE RA 21	9.49E-04				
380	SLD 16	-2.1E-03	-62.975	SLD 1	-3.9E-03	-115.921	SLE RA 20	6.21E-05				
381	SLD 16	-2.4E-03	-72.494	SLD 1	-3.0E-03	-89.736	SLE RA 20	4.41E-04				
383	SLD 16	-2.5E-03	-74.709	SLD 1	-3.0E-03	-90.466	SLE RA 20	5.23E-04				
384	SLD 3	-2.0E-03	-59.427	SLD 14	-3.6E-03	-109.425	SLE RA 20	6.63E-05				
385	SLD 3	-2.5E-03	-75.407	SLD 14	-3.1E-03	-91.971	SLE RA 20	5.02E-04				
388	SLD 3	-2.4E-03	-73.264	SLD 14	-3.0E-03	-90.885	SLE RA 20	4.12E-04				
389	SLE RA 1	-2.5E-03	-75.581	SLE RA 21	-2.8E-03	-85.098	SLE RA 21	9.38E-04				
394	SLD 16	-2.0E-03	-59.609	SLD 1	-3.6E-03	-108.888	SLE RA 20	0.000061				
395	SLD 16	-2.3E-03	-70.415	SLD 1	-2.9E-03	-86.453	SLE RA 20	5.69E-04				
397	SLD 16	-2.4E-03	-72.511	SLD 1	-2.9E-03	-87.075	SLE RA 20	6.43E-04				
398	SLD 3	-1.9E-03	-56.447	SLD 14	-3.4E-03	-102.945	SLE RA 20	6.64E-05				
399	SLD 3	-2.5E-03	-73.552	SLD 14	-3.0E-03	-88.617	SLE RA 20	5.92E-04				
402	SLD 3	-2.4E-03	-71.592	SLD 14	-2.9E-03	-87.633	SLE RA 20	5.09E-04				
403	SLE RA 1	-2.5E-03	-73.719	SLE RA 21	-2.8E-03	-83.043	SLE RA 21	1.05E-03				
408	SLD 16	-1.9E-03	-57.491	SLD 1	-3.5E-03	-104.16	SLE RA 20	5.17E-05				
409	SLD 16	-2.3E-03	-69.037	SLD 1	-2.8E-03	-84.127	SLE RA 20	6.58E-04				
411	SLD 16	-2.4E-03	-71.016	SLD 1	-2.8E-03	-84.643	SLE RA 20	7.26E-04				
412	SLD 3	-1.8E-03	-54.562	SLD 14	-3.3E-03	-98.491	SLE RA 20	5.75E-05				
413	SLD 3	-2.4E-03	-72.338	SLD 14	-2.9E-03	-86.183	SLE RA 20	7.00E-04				
416	SLD 3	-2.4E-03	-70.558	SLD 14	-2.8E-03	-85.299	SLE RA 20	6.06E-04				
417	SLE RA 1	-2.4E-03	-73.065	SLE RA 21	-2.7E-03	-82.355	SLE RA 21	0.001183				
420	SLE RA 1	-2.2E-03	-66.19	SLE RA 21	-2.5E-03	-74.501	SLE RA 21	0.000933				
423	SLD 16	-1.9E-03	-56.582	SLD 1	-3.4E-03	-101.688	SLE RA 20	4.37E-05				
424	SLD 16	-2.3E-03	-68.15	SLD 1	-2.7E-03	-82.465	SLE RA 20	7.40E-04				
426	SLD 16	-2.3E-03	-70.013	SLD 1	-2.8E-03	-82.876	SLE RA 20	8.21E-04				
427	SLD 3	-1.8E-03	-53.812	SLD 14	-3.2E-03	-96.156	SLE RA 20	4.97E-05				
428	SLD 3	-2.4E-03	-71.53	SLE RA 20	-2.8E-03	-84.412	SLE RA 20	8.05E-04				
431	SLD 3	-2.3E-03	-69.928	SLD 14	-2.8E-03	-83.573	SLE RA 20	7.06E-04				
432	SLE RA 1	-2.5E-03	-73.513	SLE RA 21	-2.8E-03	-82.917	SLE RA 21	1.36E-03				
437	SLD 16	-1.9E-03	-56.788	SLD 1	-3.4E-03	-101.324	SLE RA 20	4.12E-05				
438	SLD 16	-2.3E-03	-67.617	SLD 1	-2.7E-03	-81.278	SLE RA 20	8.39E-04				
440	SLD 16	-2.3E-03	-69.363	SLE RA 20	-2.7E-03	-81.718	SLE RA 20	9.11E-04				
441	SLD 3	-1.8E-03	-54.158	SLD 14	-3.2E-03	-95.878	SLE RA 20	4.75E-05				
442	SLD 3	-2.4E-03	-70.956	SLE RA 20	-2.8E-03	-83.349	SLE RA 20	9.19E-04				
445	SLD 3	-2.3E-03	-69.53	SLD 14	-2.7E-03	-82.241	SLE RA 20	8.29E-04				
446	SLE RA 1	-2.5E-03	-74.674	SLE RA 21	-2.8E-03	-84.285	SLE RA 21	1.57E-03				
451	SLD 16	-1.9E-03	-57.974	SLD 1	-3.4E-03	-102.833	SLE RA 20	0.000045				
452	SLD 16	-2.2E-03	-67.356	SLD 1	-2.7E-03	-80.458	SLE RA 20	9.45E-04				
454	SLD 16	-2.3E-03	-68.969	SLE RA 20	-2.7E-03	-81.063	SLE RA 20	1.01E-03				
455	SLD 3	-1.8E-03	-55.484	SLD 14	-3.2E-03	-97.46	SLE RA 20	8.13E-05				
456	SLD 3	-0.00235	-70.501	SLE RA 21	-0.00275	-82.5	SLE RA 20	0.001015				
459	SLD 3	-2.3E-03	-69.253	SLE RA 20	-2.7E-03	-81.484	SLE RA 20	9.16E-04				
465	SLE RA 1	-2.5E-03	-75.871	SLE RA 21	-2.9E-03	-85.691	SLE RA 21	1.77E-03				
470	SLD 16	-2.0E-03	-59.947	SLD 1	-3.5E-03	-105.865	SLE RA 20	8.76E-05				
471	SLD 16	-2.2E-03	-67.259	SLD 1	-2.7E-03	-79.993	SLE RA 20	1.06E-03				
473	SLD 16	-2.3E-03	-68.686	SLE RA 21	-2.7E-03	-80.698	SLE RA 21	1.11E-03				
474	SLD 3	-1.9E-03	-57.592	SLD 14	-3.4E-03	-100.55	SLE RA 20	1.36E-04				
475	SLD 3	-2.3E-03	-70.068	SLE RA 21	-2.7E-03	-81.788	SLE RA 21	1.10E-03				
478	SLD 3	-2.3E-03	-69.022	SLE RA 21	-2.7E-03	-80.914	SLE RA 21	1.03E-03				
481	SLD 1	-2.3E-03	-68.958	SLE RA 21	-2.6E-03	-77.988	SLE RA 21	1.30E-03				
482	SLE RA 1	-2.4E-03	-72.686	SLE RA 21	-2.7E-03	-82.223	SLE RA 21	1.36E-03				
483	SLE RA 1	-2.6E-03	-77.577	SLE RA 21	-2.9E-03	-87.912	SLE RA 21	1.41E-03				
484	SLD 3	-2.6E-03	-78.205	SLE RA 21	-3.0E-03	-88.621	SLE RA 21	1.51E-03				
485	SLE RA 1	-2.6E-03	-76.513	SLE RA 21	-2.9E-03	-86.464	SLE RA 21	1.80E-03				
488	SLD 16	-2.1E-03	-62.42	SLD 1	-3.7E-03	-109.893	SLE RA 20	1.57E-04				
489	SLD 14	-2.2E-03	-67.224	SLD 3	-2.7E-03	-79.882	SLE RA 21	1.18E-03				
491	SLD 14	-2.3E-03	-68.531	SLE RA 21	-2.7E-03	-80.569	SLE RA 21	1.22E-03				
492	SLD 3	-2.0E-03	-60.172	SLD 14	-3.5E-03	-104.599	SLE RA 20	2.08E-04				
493	SLD 1	-2.3E-03	-69.524	SLE RA 21	-2.7E-03	-81.183	SLE RA 21	0.001199				
496	SLD 3	-2.3E-03	-68.742	SLE RA 21	-2.7E-03	-80.455	SLE RA 21	1.14E-03				
499	SLE RA 1	-2.5E-03	-76.044	SLE RA 21	-2.9E-03	-85.952	SLE RA 21	1.84E-03				
505	SLD 16	-2.2E-03	-64.956	SLD 1	-3.8E-03	-114.116	SLE RA 20	2.33E-04				
506	SLD 13	-2.2E-03	-67.263	SLD 4	-2.7E-03	-79.969	SLE RA 21	1.16E-03				
508	SLD 13	-2.3E-03	-68.441	SLE RA 21	-2.7E-03	-80.592	SLE RA 21	1.32E-03				
509	SLD 3	-2.1E-03	-62.759	SLD 14	-3.6E-03	-108.791	SLE RA 20	2.87E-04				
510	SLD 1	-2.3E-03	-68.979	SLE RA 21	-2.7E-03	-80.71	SLE RA 21	1.28E-03				
513	SLD 1	-2.3E-03	-68.386	SLE RA 21	-2.7E-03	-80.127	SLE RA 21	1.23E-03				
515	SLE RA 1	-2.5E-03	-74.901	SLE RA 21	-2.8E-03	-84.666	SLE RA 21	1.83E-03				
520	SLD 3	-2.2E-03	-64.683	SLD 14	-3.7E-03	-111.943	SLE RA 20	3.08E-04				
522	SLD 16	-2.2E-03	-66.894	SLD 1	-3.9E-03	-117.313	SLE RA 20	2.96E-04				
523	SLD 13	-2.2E-03	-67.307	SLD 4	-2.7E-03	-80.076	SLE RA 21	1.19E-03				
525	SLD 13	-2.3E-03	-68.376	SLE RA 21	-2.7E-03	-80.626	SLE RA 21	1.24E-03				
526	SLD 2	-2.3E-03	-68.483	SLE RA 21	-2.7E-03	-80.453	SLE RA 21	1.32E-03				
529	SLD 2	-2.3E-03	-68.094	SLE RA 21	-2.7E-03	-80.013	SLE RA 21	1.29E-03				
531	SLE RA 1	-2.4E-03	-73.235	SLE RA 21	-2.8E-03	-82.781	SLE RA 21	0.001782				
533	SLD 16	-2.3E-03	-67.966	SLD 1	-4.1E-03	-121.553	SLE RA 20	2.37E-04				
534	SLD 16	-2.2E-03	-67.343	SLD 1	-3.9E-03	-116.978	SLE RA 20	3.35E-04				
535	SLD 16	-2.2E-03	-67.225	SLD 1	-3.8E-03	-113.347	SLE RA 20	3.70E-04				
536	SLD 16	-2.2E-03	-67.388	SLD 1	-3.7E-03	-110.279	SLE RA 20	4.62E-04				
537	SLD 16	-2.3E-03	-67.681	SLD 1	-3.6E-03	-107.51	SLE RA 21	0.000479				
538	SLD 16	-2.3E-03	-68.019	SLD 1	-3.5E-03	-104.889	SLE RA 21	4.87E-04				
539	SLD 16	-2.3E-03	-68.359	SLD 1	-3.4E-03	-102.332	SLE RA 21	0.000517				
540	SLD 16	-2.3E-03	-68.674	SLD 1	-3.3E-03	-99.787	SLE RA 21	5.56E-04				
541	SLD 16	-2.3E-03	-68.937	SLD 1	-3.2E-03	-97.218	SLE RA 21	6.09E-04				
542	SLD 15	-2.3E-03	-69.11	SLD 2	-3.2E-03	-94.601	SLE RA 21	6.77E-04				



spostamento nodale massimo				spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
Ind.	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.	Cont.	v.	Cont.	v.
543	SLD 15	-2.3E-03	-69.151	SLD 2	-3.1E-03	-91.921	SLE RA 21	7.62E-04				
544	SLD 15	-2.3E-03	-69.011	SLD 2	-3.0E-03	-89.195	SLE RA 21	8.50E-04				
545	SLD 15	-2.3E-03	-68.65	SLD 2	-2.9E-03	-86.513	SLE RA 21	9.74E-04				
546	SLD 15	-2.3E-03	-68.089	SLD 2	-2.8E-03	-84.085	SLE RA 21	1.09E-03				
547	SLD 13	-2.2E-03	-67.456	SLD 4	-0.00274	-82.199	SLE RA 21	1.21E-03				
548	SLD 13	-2.3E-03	-67.827	SLE RA 21	-2.7E-03	-80.36	SLE RA 21	1.22E-03				
549	SLD 13	-2.3E-03	-69.045	SLE RA 21	-2.7E-03	-80.994	SLE RA 21	0.00137				
550	SLD 13	-2.3E-03	-70.486	SLE RA 21	-2.7E-03	-81.604	SLE RA 21	1.35E-03				
551	SLD 13	-2.4E-03	-71.941	SLE RA 21	-2.7E-03	-82.02	SLE RA 21	0.001316				
552	SLE RA 1	-2.4E-03	-72.827	SLE RA 21	-2.7E-03	-82.135	SLE RA 21	1.30E-03				
553	SLE RA 1	-2.4E-03	-72.565	SLE RA 21	-2.7E-03	-81.891	SLE RA 21	1.30E-03				
554	SLE RA 1	-2.4E-03	-71.969	SLE RA 21	-2.7E-03	-81.258	SLE RA 21	1.32E-03				
555	SLE RA 1	-2.4E-03	-71.074	SLE RA 21	-2.7E-03	-80.277	SLE RA 21	0.001359				
556	SLE RA 1	-2.3E-03	-70.177	SLE RA 21	-2.6E-03	-79.292	SLE RA 21	1.40E-03				
557	SLD 1	-2.3E-03	-68.746	SLE RA 21	-2.6E-03	-78.34	SLE RA 21	1.44E-03				
558	SLD 1	-2.3E-03	-68.791	SLE RA 21	-2.6E-03	-78.491	SLE RA 21	1.48E-03				
559	SLE RA 1	-2.4E-03	-72.89	SLE RA 21	-2.7E-03	-81.976	SLE RA 21	1.76E-03				
560	SLD 2	-2.4E-03	-72.886	SLE RA 21	-2.7E-03	-82.185	SLE RA 21	0.00168				
561	SLD 2	-2.4E-03	-71.993	SLE RA 21	-2.7E-03	-82.245	SLE RA 21	1.63E-03				
562	SLD 2	-2.4E-03	-70.922	SLE RA 21	-2.7E-03	-82.085	SLE RA 21	1.49E-03				
563	SLD 2	-2.3E-03	-69.865	SLE RA 21	-2.7E-03	-81.707	SLE RA 21	1.41E-03				
564	SLD 2	-2.3E-03	-69.047	SLE RA 21	-2.7E-03	-81.207	SLE RA 21	1.35E-03				
565	SLD 2	-2.3E-03	-68.321	SLE RA 21	-2.7E-03	-80.407	SLE RA 21	1.32E-03				
566	SLD 2	-2.3E-03	-67.996	SLE RA 21	-2.7E-03	-80.019	SLE RA 21	1.17E-03				
567	SLD 2	-2.3E-03	-68.071	SLE RA 21	-2.7E-03	-80.13	SLE RA 21	1.21E-03				
568	SLD 2	-2.3E-03	-68.721	SLE RA 21	-2.7E-03	-81.124	SLE RA 21	1.15E-03				
569	SLD 2	-2.3E-03	-69.789	SLD 15	-2.8E-03	-83.071	SLE RA 21	0.001024				
570	SLD 1	-2.3E-03	-70.299	SLD 16	-2.8E-03	-85.456	SLE RA 21	9.01E-04				
571	SLD 3	-2.3E-03	-70.364	SLD 14	-2.9E-03	-88.092	SLE RA 21	7.78E-04				
572	SLD 3	-2.3E-03	-70.093	SLD 14	-3.0E-03	-90.756	SLE RA 21	7.04E-04				
573	SLD 3	-2.3E-03	-69.595	SLD 14	-3.1E-03	-93.356	SLE RA 21	6.32E-04				
574	SLD 3	-2.3E-03	-68.957	SLD 14	-3.2E-03	-95.87	SLE RA 21	0.000579				
575	SLD 3	-2.3E-03	-68.236	SLD 14	-3.3E-03	-98.311	SLE RA 21	5.44E-04				
576	SLD 3	-2.2E-03	-67.469	SLD 14	-3.4E-03	-100.711	SLE RA 20	0.000522				
577	SLD 3	-2.2E-03	-66.693	SLD 14	-3.4E-03	-103.14	SLE RA 21	5.17E-04				
578	SLD 3	-2.2E-03	-65.974	SLD 14	-3.5E-03	-105.741	SLE RA 20	4.66E-04				
579	SLD 3	-2.2E-03	-65.453	SLD 14	-3.6E-03	-108.801	SLE RA 20	4.20E-04				
580	SLD 3	-2.2E-03	-65.425	SLD 14	-3.8E-03	-112.838	SLE RA 20	3.30E-04				
581	SLD 3	-2.2E-03	-66.361	SLD 14	-4.0E-03	-118.615	SLE RA 20	2.61E-04				
589	SLD 16	-2.2E-03	-67.384	SLD 1	-3.9E-03	-117.919	SLE RA 20	3.20E-04				
603	SLD 13	-2.3E-03	-67.718	SLD 4	-2.8E-03	-82.915	SLE RA 21	1.16E-03				
607	SLD 13	-2.2E-03	-67.147	SLE RA 21	-2.7E-03	-79.974	SLE RA 21	1.20E-03				
610	SLD 13	-2.3E-03	-68.177	SLE RA 21	-2.7E-03	-80.498	SLE RA 21	1.24E-03				
619	SLE RA 1	-2.3E-03	-69.254	SLE RA 21	-2.6E-03	-78.279	SLE RA 21	1.43E-03				
621	SLD 1	-2.3E-03	-67.734	SLE RA 21	-2.6E-03	-76.759	SLE RA 21	1.38E-03				
623	SLD 1	-2.3E-03	-67.652	SLE RA 21	-2.6E-03	-76.845	SLE RA 21	1.48E-03				
630	SLE RA 1	-2.4E-03	-71.072	SLE RA 21	-2.7E-03	-80.328	SLE RA 21	1.70E-03				
635	SLE RA 1	-2.3E-03	-70.09	SLE RA 21	-2.6E-03	-78.917	SLE RA 21	0.001738				
644	SLD 2	-2.3E-03	-68.267	SLE RA 21	-2.7E-03	-80.598	SLE RA 21	1.31E-03				
647	SLD 2	-2.3E-03	-67.943	SLE RA 21	-2.7E-03	-80.209	SLE RA 21	1.29E-03				
650	SLD 2	-2.3E-03	-69.006	SLE RA 21	-2.7E-03	-81.676	SLE RA 21	1.11E-03				
663	SLD 3	-2.2E-03	-65.127	SLD 14	-3.8E-03	-112.594	SLE RA 20	3.27E-04				
665	SLD 2	-2.3E-03	-67.518	SLE RA 21	-2.6E-03	-79.428	SLE RA 21	1.08E-03				
667	SLD 2	-2.3E-03	-68.696	SLE RA 21	-2.7E-03	-81.303	SLE RA 21	1.11E-03				
668	SLD 15	-2.3E-03	-67.876	SLD 2	-4.0E-03	-121.139	SLE RA 21	2.36E-04				
669	SLD 15	-2.2E-03	-67.245	SLD 2	-3.9E-03	-116.568	SLE RA 21	3.34E-04				
670	SLD 15	-2.2E-03	-67.117	SLD 2	-3.8E-03	-112.933	SLE RA 21	3.69E-04				
671	SLD 15	-2.2E-03	-67.27	SLD 2	-3.7E-03	-109.86	SLE RA 21	4.62E-04				
672	SLD 15	-2.3E-03	-67.552	SLD 2	-3.6E-03	-107.084	SLE RA 21	4.81E-04				
673	SLD 15	-2.3E-03	-67.88	SLD 2	-3.5E-03	-104.454	SLE RA 21	4.92E-04				
674	SLD 15	-2.3E-03	-68.21	SLD 2	-3.4E-03	-101.886	SLE RA 21	5.27E-04				
675	SLD 15	-2.3E-03	-68.512	SLD 2	-3.3E-03	-99.328	SLE RA 21	5.71E-04				
676	SLD 15	-2.3E-03	-68.762	SLD 2	-3.2E-03	-96.745	SLE RA 21	6.29E-04				
677	SLD 15	-2.3E-03	-68.924	SLD 2	-3.1E-03	-94.108	SLE RA 21	7.04E-04				
678	SLD 15	-2.3E-03	-68.955	SLD 2	-3.0E-03	-91.403	SLE RA 21	7.72E-04				
679	SLD 15	-2.3E-03	-68.804	SLD 2	-3.0E-03	-88.651	SLE RA 21	8.89E-04				
680	SLD 15	-2.3E-03	-68.433	SLD 2	-2.9E-03	-85.941	SLE RA 21	1.01E-03				
681	SLD 15	-2.3E-03	-67.865	SLD 2	-2.8E-03	-83.479	SLE RA 21	1.13E-03				
682	SLD 13	-2.2E-03	-67.234	SLD 4	-2.7E-03	-81.565	SLE RA 21	1.09E-03				
683	SLD 13	-2.2E-03	-66.845	SLD 4	-2.7E-03	-80.549	SLE RA 21	1.12E-03				
684	SLD 13	-2.2E-03	-66.982	SLE RA 21	-2.7E-03	-79.85	SLE RA 21	1.19E-03				
685	SLD 13	-2.3E-03	-67.559	SLE RA 21	-2.7E-03	-80.113	SLE RA 21	1.21E-03				
686	SLD 13	-2.3E-03	-68.478	SLE RA 21	-2.7E-03	-80.487	SLE RA 21	1.32E-03				
687	SLD 13	-2.3E-03	-69.712	SLE RA 21	-2.7E-03	-80.923	SLE RA 21	1.29E-03				
688	SLD 13	-2.4E-03	-70.958	SLE RA 21	-2.7E-03	-81.164	SLE RA 21	1.27E-03				
689	SLE RA 1	-2.4E-03	-71.841	SLE RA 21	-2.7E-03	-81.102	SLE RA 21	1.27E-03				
690	SLE RA 1	-2.4E-03	-71.425	SLE RA 21	-2.7E-03	-80.677	SLE RA 21	1.29E-03				
691	SLE RA 1	-2.4E-03	-70.671	SLE RA 21	-2.7E-03	-79.861	SLE RA 21	1.33E-03				
692	SLE RA 1	-2.3E-03	-69.616	SLE RA 21	-2.6E-03	-78.694	SLE RA 21	1.38E-03				
693	SLE RA 1	-2.3E-03	-68.257	SLE RA 21	-2.6E-03	-77.169	SLE RA 21	1.43E-03				
694	SLE RA 1	-2.2E-03	-66.905	SLE RA 21	-2.5E-03	-75.649	SLE RA 21	1.36E-03				
695	SLD 2	-2.2E-03	-67.067	SLE RA 21	-2.5E-03	-76.051	SLE RA 21	1.46E-03				
696	SLD 2	-2.2E-03	-67.422	SLE RA 21	-2.6E-03	-76.578	SLE RA 21	1.45E-03				
697	SLD 2	-2.3E-03	-67.709	SLE RA 21	-2.6E-03	-76.936	SLE RA 21	1.43E-03				
698	SLD 6	-2.3E-03	-68.133	SLE RA 21	-2.6E-03	-77.722	SLE RA 21	1.41E-03				
699	SLD 6	-2.3E-03	-68.31	SLE RA 21	-2.6E-03	-77.888	SLE RA 21	1.44E-03				
700	SLE RA 1	-2.3E-03	-69.399	SLE RA 21	-2.6E-03	-78.418	SLE RA 21	1.65E-03				
701	SLE RA 1	-2.3E-03	-68.778	SLE RA 21	-2.6E-03	-77.655	SLE RA 21	1.70E-03				
702	SLE RA 1	-2.3E-03	-67.999	SLE RA 21	-2.6E-03	-76.73	SLE RA 21	1.71E-03				



spostamento nodale massimo				spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
Ind.	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.	Cont.	v.	Cont.	v.
703	SLE RA 1	-2.2E-03	-67.142	SLE RA 21	-2.5E-03	-75.698	SLE RA 21	1.70E-03				
704	SLE RA 1	-2.2E-03	-67.388	SLE RA 21	-2.5E-03	-75.937	SLE RA 21	1.65E-03				
705	SLE RA 1	-2.3E-03	-67.527	SLE RA 21	-2.5E-03	-76.084	SLE RA 21	1.61E-03				
706	SLD 1	-2.2E-03	-67.131	SLE RA 21	-2.5E-03	-76.292	SLE RA 21	1.54E-03				
707	SLD 1	-2.2E-03	-66.233	SLE RA 21	-2.5E-03	-76.346	SLE RA 21	1.50E-03				
708	SLD 2	-2.2E-03	-65.16	SLE RA 21	-2.5E-03	-76.172	SLE RA 21	1.39E-03				
709	SLD 2	-2.1E-03	-64.095	SLE RA 21	-2.5E-03	-75.773	SLE RA 21	1.31E-03				
710	SLD 2	-2.1E-03	-63.263	SLE RA 21	-2.5E-03	-75.245	SLE RA 21	1.27E-03				
711	SLD 2	-2.1E-03	-63.589	SLE RA 21	-2.5E-03	-75.131	SLE RA 21	1.16E-03				
712	SLD 2	-2.2E-03	-67.371	SLE RA 21	-2.6E-03	-79.247	SLE RA 21	1.08E-03				
713	SLD 2	-2.3E-03	-68.633	SLE RA 21	-2.7E-03	-81.235	SLE RA 21	1.11E-03				
714	SLD 4	-2.3E-03	-69.098	SLE RA 21	-2.7E-03	-82.055	SLE RA 21	1.06E-03				
715	SLD 4	-2.3E-03	-69.647	SLD 13	-2.8E-03	-84.518	SLE RA 21	9.39E-04				
716	SLD 4	-2.3E-03	-69.773	SLD 13	-2.9E-03	-87.223	SLE RA 21	8.13E-04				
717	SLD 4	-2.3E-03	-69.565	SLD 13	-3.0E-03	-89.948	SLE RA 21	7.34E-04				
718	SLD 4	-2.3E-03	-69.128	SLD 13	-3.1E-03	-92.608	SLE RA 21	6.53E-04				
719	SLD 4	-2.3E-03	-68.549	SLD 13	-3.2E-03	-95.18	SLE RA 21	5.94E-04				
720	SLD 4	-2.3E-03	-67.883	SLD 13	-3.3E-03	-97.677	SLE RA 21	5.53E-04				
721	SLD 4	-2.2E-03	-67.168	SLD 13	-3.3E-03	-100.133	SLE RA 21	5.26E-04				
722	SLD 2	-2.2E-03	-66.441	SLD 15	-3.4E-03	-102.616	SLE RA 21	5.17E-04				
723	SLD 1	-2.2E-03	-65.762	SLD 16	-3.5E-03	-105.277	SLE RA 21	4.63E-04				
724	SLD 1	-2.2E-03	-65.281	SLD 16	-3.6E-03	-108.397	SLE RA 21	4.15E-04				
725	SLD 1	-2.2E-03	-65.295	SLD 16	-3.7E-03	-112.488	SLE RA 20	0.000325				
726	SLD 1	-2.2E-03	-66.246	SLD 16	-3.9E-03	-118.284	SLE RA 21	2.57E-04				
728	SLD 15	-2.2E-03	-66.715	SLD 2	-3.9E-03	-116.613	SLE RA 21	2.92E-04				
729	SLD 2	-0.00215	-64.5	SLD 15	-3.7E-03	-111.373	SLE RA 21	2.98E-04				
732	SLD 2	-2.2E-03	-67.307	SLE RA 21	-2.6E-03	-79.161	SLE RA 21	0.00119				
734	SLD 4	-2.3E-03	-68.425	SLE RA 21	-2.7E-03	-80.995	SLE RA 21	1.10E-03				
736	SLD 13	-2.2E-03	-64.544	SLD 4	-3.8E-03	-112.608	SLE RA 21	2.24E-04				
737	SLD 2	-2.1E-03	-62.371	SLD 15	-3.6E-03	-107.602	SLE RA 21	2.69E-04				
739	SLE RA 1	-2.2E-03	-66.077	SLE RA 21	-2.5E-03	-74.75	SLE RA 21	1.28E-03				
741	SLE RA 1	-2.0E-03	-60.196	SLE RA 21	-2.3E-03	-68.052	SLE RA 21	1.19E-03				
742	SLE RA 1	-1.9E-03	-57.793	SLE RA 21	-2.2E-03	-65.335	SLE RA 21	1.20E-03				
744	SLD 3	-2.1E-03	-61.701	SLE RA 21	-2.3E-03	-70.264	SLE RA 21	1.30E-03				
746	SLD 13	-2.1E-03	-61.726	SLD 4	-3.6E-03	-107.47	SLE RA 21	1.42E-04				
747	SLD 2	-2.0E-03	-59.536	SLD 15	-3.4E-03	-102.566	SLE RA 21	1.78E-04				
749	SLD 13	-2.2E-03	-66.721	SLE RA 21	-2.6E-03	-79.412	SLE RA 21	0.000961				
751	SLD 13	-2.3E-03	-67.656	SLE RA 21	-2.7E-03	-80.544	SLE RA 21	1.04E-03				
752	SLD 2	-2.3E-03	-68.177	SLE RA 21	-2.7E-03	-80.426	SLE RA 21	9.83E-04				
754	SLD 4	-2.3E-03	-67.612	SLE RA 21	-2.7E-03	-80.051	SLE RA 21	9.13E-04				
756	SLD 13	-2.0E-03	-58.887	SLD 4	-3.4E-03	-102.412	SLE RA 21	6.82E-05				
757	SLD 2	-1.9E-03	-56.546	SLD 15	-3.2E-03	-97.265	SLE RA 21	9.41E-05				
759	SLD 2	-2.3E-03	-68.916	SLE RA 21	-2.7E-03	-81.316	SLE RA 21	8.49E-04				
761	SLD 2	-2.3E-03	-68.144	SLE RA 21	-2.7E-03	-80.648	SLE RA 21	7.85E-04				
762	SLD 16	-2.1E-03	-63.839	SLE RA 21	-2.4E-03	-73	SLE RA 21	0.001145				
764	SLD 16	-1.9E-03	-57.762	SLE RA 21	-2.2E-03	-65.732	SLE RA 21	0.001071				
765	SLD 3	-1.8E-03	-54.712	SLE RA 21	-2.1E-03	-62.382	SLE RA 21	1.03E-03				
767	SLD 3	-2.0E-03	-59.045	SLE RA 21	-2.3E-03	-67.993	SLE RA 21	1.13E-03				
768	SLD 13	-2.2E-03	-67.095	SLE RA 21	-2.6E-03	-79.39	SLE RA 21	8.25E-04				
770	SLD 13	-2.3E-03	-68.096	SLE RA 21	-2.7E-03	-80.725	SLE RA 21	8.95E-04				
772	SLD 13	-1.9E-03	-56.452	SLD 4	-3.3E-03	-98.193	SLE RA 21	3.84E-05				
773	SLD 2	-1.8E-03	-53.728	SLD 15	-3.1E-03	-92.275	SLE RA 21	4.06E-05				
775	SLD 2	-2.3E-03	-69.755	SLE RA 21	-2.7E-03	-82.289	SLE RA 21	7.35E-04				
777	SLD 2	-2.3E-03	-68.809	SLE RA 21	-2.7E-03	-81.328	SLE RA 21	0.000677				
778	SLD 13	-2.2E-03	-67.19	SLE RA 21	-2.6E-03	-79.207	SLE RA 21	6.89E-04				
780	SLD 13	-2.3E-03	-68.279	SLE RA 21	-2.7E-03	-80.747	SLE RA 21	7.71E-04				
781	SLD 16	-2.1E-03	-61.883	SLE RA 21	-0.0024	-72.001	SLE RA 21	1.00E-03				
782	SLD 16	-2.0E-03	-58.583	SLE RA 21	-2.3E-03	-68.07	SLE RA 21	9.64E-04				
783	SLD 16	-1.8E-03	-55.285	SLE RA 21	-2.1E-03	-64.142	SLE RA 21	9.43E-04				
784	SLD 16	-1.3E-03	-37.542	SLE RA 21	-1.4E-03	-43.06	SLE RA 21	9.51E-06				
785	SLE RA 1	-9.1E-04	-27.161	SLE RA 21	-1.0E-03	-30.387						
786	SLE RA 1	-1.2E-03	-37.168	SLE RA 21	-1.4E-03	-41.88						
787	SLD 3	-1.8E-03	-52.907	SLE RA 21	-2.0E-03	-60.755	SLE RA 21	9.32E-04				
788	SLD 3	-1.8E-03	-55.399	SLE RA 21	-2.1E-03	-63.912	SLE RA 21	9.44E-04				
789	SLD 3	-1.9E-03	-57.89	SLE RA 21	-2.2E-03	-67.07	SLE RA 21	9.56E-04				
791	SLD 3	-1.9E-03	-57.926	SLE RA 21	-2.2E-03	-67.176	SLE RA 21	0.000873				
793	SLD 13	-1.8E-03	-54.717	SLD 4	-3.2E-03	-95.286	SLE RA 21	3.27E-05				
794	SLD 2	-1.7E-03	-51.234	SLD 15	-2.9E-03	-87.865	SLE RA 21	3.14E-05				
796	SLD 2	-2.3E-03	-70.479	SLE RA 21	-2.8E-03	-83.228	SLE RA 21	6.13E-04				
798	SLD 2	-2.3E-03	-69.387	SLE RA 21	-2.7E-03	-81.972	SLE RA 21	5.83E-04				
799	SLD 13	-0.00223	-66.9	SLE RA 21	-2.6E-03	-78.771	SLE RA 21	6.05E-04				
801	SLD 13	-2.3E-03	-68.123	SLE RA 21	-2.7E-03	-80.52	SLE RA 21	6.40E-04				
802	SLD 16	-2.1E-03	-61.573	SLE RA 21	-2.4E-03	-72.4	SLE RA 21	8.60E-04				
803	SLD 16	-2.0E-03	-59.373	SLE RA 21	-2.3E-03	-69.504	SLE RA 21	8.87E-04				
804	SLD 16	-1.9E-03	-57.174	SLE RA 21	-2.2E-03	-66.611	SLE RA 21	8.95E-04				
805	SLD 16	-1.4E-03	-41.375	SLE RA 21	-1.6E-03	-47.227	SLE RA 21	3.76E-04				
806	SLE RA 1	-1.0E-03	-30.634	SLE RA 21	-1.1E-03	-34.288						
807	SLE RA 1	-1.3E-03	-40.087	SLE RA 21	-1.5E-03	-45.131	SLE RA 21	1.55E-04				
808	SLD 3	-1.8E-03	-54.776	SLE RA 21	-2.1E-03	-62.826	SLE RA 21	8.38E-04				
809	SLD 3	-1.9E-03	-56.733	SLE RA 21	-2.2E-03	-65.414	SLE RA 21	8.26E-04				
810	SLD 3	-2.0E-03	-58.69	SLE RA 21	-2.3E-03	-68.002	SLE RA 21	7.95E-04				
812	SLD 13	-1.8E-03	-53.894	SLD 4	-3.1E-03	-94.043	SLE RA 21	3.28E-05				
813	SLD 2	-1.6E-03	-49.096	SLD 15	-2.8E-03	-84.094	SLE RA 21	2.63E-05				
815	SLD 2	-2.4E-03	-71.085	SLE RA 21	-2.8E-03	-84.157	SLE RA 21	5.34E-04				
817	SLD 2	-2.3E-03	-69.784	SLE RA 21	-2.8E-03	-82.603	SLE RA 21	5.09E-04				
818	SLD 13	-2.2E-03	-66.354	SLE RA 21	-2.6E-03	-78.228	SLE RA 21	5.28E-04				
820	SLD 13	-2.3E-03	-67.718	SLE RA 21	-2.7E-03	-80.19	SLE RA 21	5.56E-04				
821	SLD 14	-2.1E-03	-62.476	SLE RA 21	-2.5E-03	-73.839	SLE RA 21	7.54E-04				
823	SLD 14	-1.9E-03	-58.446	SLE RA 21	-2.3E-03	-68.537	SLE RA 21	7.85E-04				



spostamento nodale massimo				spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
Ind.	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.	Cont.	v.	Cont.	v.
824	SLD 1	-1.9E-03	-57.091	SLE RA 21	-2.2E-03	-65.335	SLE RA 21	7.22E-04				
826	SLD 1	-2.0E-03	-60.66	SLE RA 21	-2.3E-03	-70.076	SLE RA 21	6.86E-04				
828	SLD 13	-1.8E-03	-54.167	SLD 4	-3.2E-03	-94.773	SLE RA 21	3.87E-05				
829	SLD 2	-1.6E-03	-47.262	SLD 15	-2.7E-03	-80.871	SLE RA 21	2.47E-05				
831	SLD 2	-2.4E-03	-71.667	SLE RA 21	-2.8E-03	-85.203	SLE RA 21	4.70E-04				
833	SLD 2	-2.3E-03	-70.144	SLD 15	-2.8E-03	-83.372	SLE RA 21	4.48E-04				
834	SLD 13	-2.2E-03	-65.791	SLE RA 21	-2.6E-03	-77.969	SLE RA 21	4.34E-04				
836	SLD 13	-2.2E-03	-67.301	SLE RA 21	-2.7E-03	-80.149	SLE RA 21	4.87E-04				
837	SLD 14	-2.1E-03	-63.51	SLE RA 21	-2.5E-03	-75.657	SLE RA 21	6.51E-04				
839	SLD 14	-2.0E-03	-59.891	SLE RA 21	-2.4E-03	-70.834	SLE RA 21	6.75E-04				
840	SLD 1	-2.0E-03	-59.469	SLE RA 21	-2.3E-03	-68.195	SLE RA 21	6.14E-04				
842	SLD 1	-2.1E-03	-62.677	SLE RA 21	-2.4E-03	-72.512	SLE RA 21	5.85E-04				
844	SLD 13	-1.9E-03	-55.731	SLD 4	-3.3E-03	-97.802	SLE RA 21	4.92E-05				
845	SLD 2	-1.5E-03	-45.624	SLD 15	-2.6E-03	-78.007	SLE RA 21	0.000026				
847	SLD 2	-2.4E-03	-72.336	SLD 15	-2.9E-03	-87.081	SLE RA 21	4.08E-04				
849	SLD 2	-2.4E-03	-70.587	SLD 15	-2.8E-03	-84.926	SLE RA 21	0.00039				
850	SLD 13	-2.2E-03	-65.601	SLD 4	-2.6E-03	-79.135	SLE RA 21	3.63E-04				
852	SLD 13	-2.2E-03	-67.259	SLD 4	-2.7E-03	-81.838	SLE RA 21	4.18E-04				
853	SLD 14	-2.2E-03	-64.657	SLD 3	-2.6E-03	-77.856	SLE RA 21	0.000555				
855	SLD 14	-2.0E-03	-61.456	SLE RA 20	-2.4E-03	-73.272	SLE RA 21	5.66E-04				
856	SLD 2	-2.1E-03	-61.862	SLE RA 20	-2.4E-03	-71.133	SLE RA 21	5.09E-04				
858	SLD 2	-2.2E-03	-64.698	SLE RA 20	-2.5E-03	-75.031	SLE RA 21	4.95E-04				
860	SLD 13	-2.0E-03	-58.812	SLD 4	-3.4E-03	-103.494	SLE RA 21	5.76E-05				
861	SLD 2	-1.5E-03	-44.041	SLD 15	-2.5E-03	-75.26	SLE RA 21	2.64E-05				
863	SLD 2	-2.4E-03	-73.226	SLD 15	-3.0E-03	-89.918	SLE RA 21	3.56E-04				
865	SLD 2	-2.4E-03	-71.249	SLD 15	-2.9E-03	-87.43	SLE RA 21	0.000344				
866	SLD 13	-2.1E-03	-63.453	SLD 4	-3.8E-03	-113.976	SLE RA 21	4.92E-05				
867	SLD 13	-1.9E-03	-58.18	SLD 4	-3.4E-03	-101.426	SLE RA 21	5.73E-05				
868	SLD 13	-1.8E-03	-53.608	SLD 4	-3.0E-03	-90.125	SLE RA 21	0.00005				
869	SLD 13	-1.7E-03	-50.031	SLD 4	-2.7E-03	-80.584	SLE RA 21	3.55E-05				
870	SLD 13	-1.6E-03	-47.617	SLD 4	-2.4E-03	-73.073	SLE RA 21	2.23E-05				
871	SLD 13	-1.5E-03	-46.44	SLD 4	-2.3E-03	-67.702	SLE RA 21	1.39E-05				
872	SLD 13	-1.6E-03	-46.506	SLD 4	-2.1E-03	-64.462	SLE RA 21	0.000011				
873	SLD 13	-1.6E-03	-47.758	SLD 4	-2.1E-03	-63.262	SLE RA 21	1.17E-05				
874	SLD 13	-1.7E-03	-50.072	SLD 4	-2.1E-03	-63.936	SLE RA 21	1.81E-05				
875	SLD 13	-1.8E-03	-53.244	SLD 4	-2.2E-03	-66.24	SLE RA 21	4.78E-05				
876	SLD 13	-1.9E-03	-56.968	SLD 4	-2.3E-03	-69.833	SLE RA 21	1.25E-04				
877	SLD 13	-2.0E-03	-60.809	SLD 4	-2.5E-03	-74.237	SLE RA 21	2.17E-04				
878	SLD 13	-2.1E-03	-64.169	SLD 4	-2.6E-03	-78.792	SLE RA 21	2.74E-04				
879	SLD 13	-2.2E-03	-65.106	SLD 4	-2.7E-03	-80.284	SLE RA 21	2.94E-04				
880	SLD 14	-2.2E-03	-65.929	SLD 3	-2.7E-03	-80.56	SLE RA 20	4.86E-04				
882	SLD 14	-2.1E-03	-63.141	SLD 3	-2.5E-03	-76.257	SLE RA 20	4.89E-04				
883	SLD 2	-2.1E-03	-64.313	SLE RA 20	-2.5E-03	-74.157	SLE RA 20	4.40E-04				
885	SLD 2	-2.2E-03	-66.772	SLE RA 20	-2.6E-03	-77.646	SLE RA 20	4.32E-04				
887	SLD 13	-2.1E-03	-63.654	SLD 4	-3.7E-03	-112.245	SLE RA 21	5.41E-05				
888	SLD 2	-2.5E-03	-74.407	SLD 15	-3.1E-03	-94.062	SLE RA 21	2.90E-04				
890	SLD 2	-2.4E-03	-72.34	SLD 15	-3.0E-03	-91.449	SLE RA 21	2.65E-04				
891	SLD 2	-2.4E-03	-71.277	SLD 15	-3.0E-03	-90.153	SLE RA 21	2.33E-04				
892	SLD 2	-2.3E-03	-68.332	SLD 15	-2.9E-03	-86.992	SLE RA 21	1.65E-04				
893	SLD 2	-2.2E-03	-64.718	SLD 15	-2.8E-03	-83.549	SLE RA 21	9.17E-05				
894	SLD 2	-2.0E-03	-61.075	SLD 15	-2.7E-03	-80.535	SLE RA 21	3.86E-05				
895	SLD 2	-1.9E-03	-57.809	SLD 15	-2.6E-03	-78.387	SLE RA 21	2.94E-05				
896	SLD 2	-1.8E-03	-55.154	SLD 15	-2.6E-03	-77.348	SLE RA 21	2.43E-05				
897	SLD 2	-1.8E-03	-53.215	SLD 15	-2.6E-03	-77.533	SLE RA 21	2.25E-05				
898	SLD 2	-1.7E-03	-52.013	SLD 15	-2.6E-03	-78.964	SLE RA 21	0.000024				
899	SLD 2	-1.7E-03	-51.509	SLD 15	-2.7E-03	-81.596	SLE RA 21	2.81E-05				
900	SLD 2	-1.7E-03	-51.618	SLD 15	-2.8E-03	-85.313	SLE RA 21	0.000032				
901	SLD 2	-1.7E-03	-52.208	SLD 15	-3.0E-03	-89.912	SLE RA 21	2.91E-05				
902	SLD 2	-1.4E-03	-42.357	SLD 15	-2.4E-03	-72.354	SLE RA 21	1.84E-05				
904	SLD 2	-1.8E-03	-53.088	SLD 15	-3.2E-03	-95.056	SLE RA 21	2.07E-05				
906	SLD 14	-2.3E-03	-67.513	SLD 3	-2.8E-03	-83.706	SLE RA 20	3.91E-04				
908	SLD 14	-2.2E-03	-65.133	SLD 3	-2.7E-03	-79.83	SLE RA 20	3.90E-04				
909	SLD 2	-2.2E-03	-67.033	SLE RA 20	-2.6E-03	-77.517	SLE RA 20	3.51E-04				
911	SLD 2	-2.3E-03	-69.121	SLE RA 20	-2.7E-03	-80.603	SLE RA 20	3.51E-04				
912	SLD 2	-2.5E-03	-75.193	SLD 15	-3.2E-03	-97.449	SLE RA 20	2.31E-04				
915	SLD 13	-2.3E-03	-70.425	SLD 4	-4.1E-03	-124.314	SLE RA 21	5.43E-05				
928	SLD 13	-2.3E-03	-68.3	SLD 4	-3.1E-03	-92.576	SLE RA 21	0.000214				
931	SLD 13	-2.4E-03	-71.419	SLD 4	-3.3E-03	-97.822	SLE RA 20	0.000252				
945	SLD 2	-2.5E-03	-75.709	SLD 15	-3.4E-03	-101.829	SLE RA 20	1.73E-04				
950	SLD 13	-2.4E-03	-72.457	SLD 4	-3.4E-03	-103.099	SLE RA 20	2.10E-04				
951	SLD 14	-2.3E-03	-69.796	SLD 3	-2.9E-03	-87.786	SLE RA 20	2.92E-04				
953	SLD 14	-2.3E-03	-67.82	SLD 3	-2.8E-03	-84.331	SLE RA 20	2.85E-04				
954	SLD 2	-2.3E-03	-70.439	SLE RA 20	-2.7E-03	-81.702	SLE RA 20	2.56E-04				
956	SLD 2	-2.4E-03	-72.161	SLE RA 20	-2.8E-03	-84.392	SLE RA 20	2.59E-04				
957	SLD 13	-2.5E-03	-75.432	SLD 4	-3.7E-03	-112.174	SLE RA 20	0.000162				
958	SLD 13	-2.4E-03	-71.722	SLD 4	-3.5E-03	-104.053	SLE RA 20	1.84E-04				
959	SLD 13	-2.3E-03	-67.971	SLD 4	-3.2E-03	-96.749	SLE RA 20	1.69E-04				
960	SLD 13	-2.2E-03	-64.765	SLD 4	-3.0E-03	-90.726	SLE RA 20	1.34E-04				
961	SLD 13	-2.1E-03	-62.472	SLD 4	-2.9E-03	-86.239	SLE RA 20	0.000097				
962	SLD 14	-2.0E-03	-61.254	SLD 3	-2.8E-03	-83.396	SLE RA 20	7.26E-05				
963	SLD 14	-2.0E-03	-61.132	SLD 3	-2.7E-03	-82.167	SLE RA 20	6.67E-05				
964	SLD 14	-2.1E-03	-62.067	SLD 3	-2.7E-03	-82.331	SLE RA 20	0.000082				
965	SLD 14	-2.1E-03	-63.842	SLD 3	-2.8E-03	-83.582	SLE RA 20	0.000118				
966	SLD 14	-2.2E-03	-66.09	SLD 3	-2.8E-03	-85.447	SLE RA 20	1.73E-04				
967	SLD 14	-2.3E-03	-68.258	SLD 3	-2.9E-03	-87.24	SLE RA 20	2.45E-04				
968	SLD 14	-2.3E-03	-69.561	SLD 3	-2.9E-03	-87.992	SLE RA 20	2.63E-04				
969	SLD 14	-2.3E-03	-68.996	SLD 3	-2.9E-03	-86.473	SLE RA 20	2.76E-04				
970	SLD 14	-2.2E-03	-67.115	SLD 3	-2.8E-03	-83.182	SLE RA 20	2.52E-04				
971	SLD 14	-2.2E-03	-64.578	SLD 3	-2.6E-03	-78.798	SLE RA 20	2.18E-04				



Nodo				spostamento nodale massimo			spostamento nodale minimo			Cedimento elastico		Cedimento edometrico		Cedimento di consolidazione	
Ind.	Cont.	uz	Press.	Cont.	uz	Press.	Cont.	v.		Cont.	v.	Cont.	v.	Cont.	v.
972	SLD 14	-2.1E-03	-62.06	SLD 3	-2.5E-03	-74.219	SLE RA 20	1.35E-04							
973	SLD 14	-2.0E-03	-60.043	SLE RA 20	-2.4E-03	-70.678	SLE RA 20	7.23E-05							
974	SLD 14	-2.0E-03	-58.834	SLE RA 20	-2.3E-03	-68.219	SLE RA 20	2.81E-05							
975	SLD 10	-1.9E-03	-58.07	SLE RA 20	-0.00223	-66.9	SLE RA 20	2.21E-05							
976	SLD 10	-1.9E-03	-58.267	SLE RA 20	-2.2E-03	-66.822	SLE RA 20	2.19E-05							
977	SLD 6	-2.0E-03	-59.466	SLE RA 20	-2.3E-03	-67.983	SLE RA 20	2.62E-05							
978	SLD 6	-2.0E-03	-61.31	SLE RA 20	-2.3E-03	-70.28	SLE RA 20	0.000064							
979	SLD 6	-2.1E-03	-63.823	SLE RA 20	-2.4E-03	-73.482	SLE RA 20	1.23E-04							
980	SLD 6	-2.2E-03	-66.799	SLE RA 20	-2.6E-03	-77.197	SLE RA 20	1.94E-04							
981	SLD 6	-2.3E-03	-69.737	SLE RA 20	-2.7E-03	-80.8	SLE RA 20	2.24E-04							
982	SLD 2	-2.4E-03	-71.594	SLE RA 20	-2.8E-03	-83.424	SLE RA 20	2.45E-04							
983	SLD 2	-2.4E-03	-71.967	SLE RA 20	-2.8E-03	-84.42	SLE RA 20	0.000231							
984	SLD 2	-2.3E-03	-70.447	SLE RA 20	-2.8E-03	-83.261	SLE RA 20	2.11E-04							
985	SLD 2	-2.3E-03	-68.093	SLE RA 20	-2.7E-03	-81.185	SLE RA 20	1.50E-04							
986	SLD 2	-2.2E-03	-65.725	SLD 15	-2.7E-03	-79.866	SLE RA 20	9.81E-05							
987	SLD 2	-2.1E-03	-63.921	SLD 15	-2.6E-03	-79.325	SLE RA 20	6.32E-05							
988	SLD 2	-2.1E-03	-63.058	SLD 15	-2.7E-03	-79.967	SLE RA 20	4.87E-05							
989	SLD 2	-2.1E-03	-63.36	SLD 15	-2.7E-03	-82.041	SLE RA 20	5.41E-05							
990	SLD 2	-2.2E-03	-64.914	SLD 15	-2.9E-03	-85.633	SLE RA 20	0.000076							
991	SLD 2	-2.3E-03	-67.67	SLD 15	-3.0E-03	-90.664	SLE RA 20	1.07E-04							
992	SLD 2	-2.4E-03	-71.42	SLD 15	-3.2E-03	-96.86	SLE RA 20	1.34E-04							
993	SLD 2	-2.5E-03	-75.761	SLD 15	-3.5E-03	-103.721	SLE RA 20	1.41E-04							
995	SLD 13	-2.4E-03	-73.249	SLD 4	-3.6E-03	-108.97	SLE RA 20	1.53E-04							
997	SLD 14	-2.5E-03	-74.108	SLD 3	-3.9E-03	-115.59	SLE RA 20	8.37E-05							
1009	SLD 14	-2.4E-03	-73.44	SLD 3	-0.00312	-93.599	SLE RA 20	1.95E-04							
1011	SLD 14	-2.4E-03	-71.618	SLD 3	-3.0E-03	-90.304	SLE RA 20	0.000188							
1024	SLD 6	-2.5E-03	-74.755	SLE RA 20	-2.9E-03	-87.269	SLE RA 20	0.000173							
1026	SLD 2	-2.6E-03	-76.58	SLE RA 20	-3.0E-03	-89.808	SLE RA 20	1.78E-04							
1037	SLD 2	-2.6E-03	-77.127	SLD 15	-3.7E-03	-111.622	SLE RA 20	6.01E-05							

1.5 Baricentri delle rigidezze

Quota: quota alla quale è stato valutato il baricentro delle rigidezze. esprimibile come livello, falda, piano orizzontale alla Z specificata. [m]

Posizione: posizione in pianta del baricentro delle rigidezze.

X: coordinata X. [m]

Y: coordinata Y. [m]

Baricentro masse: posizione in pianta del baricentro delle masse.

X: coordinata X. [m]

Y: coordinata Y. [m]

Distanza: distanza in pianta tra il baricentro delle rigidezze e il baricentro delle masse.

X: coordinata X. [m]

Y: coordinata Y. [m]

Quota	Posizione		Baricentro masse		Distanza	
	X	Y	X	Y	X	Y
Terra	-12.186	-4.07	-12.455	-3.313	0.269	-0.757
Rialzato	-12.255	1.062	-12.376	1.252	0.121	-0.189
Primo	-12.318	1.59	-12.343	3.616	0.025	-2.026
Secondo	-12.374	0.879	-12.391	1.233	0.017	-0.354
Terzo	-12.423	0.561	-12.392	1.227	-0.031	-0.665
Sottotetto	-12.44	0.328	-12.352	1.821	-0.088	-1.493

1.6 Risposta modale

Modo: identificativo del modo di vibrare.

Periodo: periodo. [s]

Massa X: massa partecipante in direzione globale X. Il valore è adimensionale.

Massa Y: massa partecipante in direzione globale Y. Il valore è adimensionale.

Massa Z: massa partecipante in direzione globale Z. Il valore è adimensionale.

Massa rot. X: massa rotazionale partecipante attorno la direzione globale X. Il valore è adimensionale.

Massa rot. Y: massa rotazionale partecipante attorno la direzione globale Y. Il valore è adimensionale.

Massa rot. Z: massa rotazionale partecipante attorno la direzione globale Z. Il valore è adimensionale.

Massa sX: massa partecipante in direzione Sisma X. Il valore è adimensionale.

Massa sY: massa partecipante in direzione Sisma Y. Il valore è adimensionale.

Totale masse partecipanti:

Traslazione X: 0.99365

Traslazione Y: 0.984169

Traslazione Z: 0

Rotazione X: 0.717617

Rotazione Y: 0.961378

Rotazione Z: 0.694606

Modo	Periodo	Massa X	Massa Y	Massa Z	Massa rot. X	Massa rot. Y	Massa rot. Z	Massa sX	Massa sY
1	1.210515217	0.000003822	0.000000003	0	0.000000002	0.00000048	0.000000685	0.000003822	0.000000003
2	1.118853081	0.000012151	0.000000007	0	0	0.000005457	0.000001358	0.000012151	0.000000007



Modo	Periodo	Massa X	Massa Y	Massa Z	Massa rot. X	Massa rot. Y	Massa rot. Z	Massa sX	Massa sY
3	1.050847618	0.001400084	0.0011351	0	0.000326228	0.00048979	0.002417741	0.001400084	0.0011351
4	0.996395004	0.000211032	0.003343024	0	0.000970955	0.000086671	0.000100268	0.000211032	0.003343024
5	0.941396045	0.001609064	0.002961439	0	0.000864166	0.000463599	0.007076948	0.001609064	0.002961439
6	0.877870189	0.00015797	0.000000017	0	0.000000025	0.000033556	0.000017096	0.00015797	0.000000017
7	0.871318341	0.003575445	0.001096684	0	0.000320584	0.001097089	0.000006509	0.003575445	0.001096684
8	0.831114107	0.000272553	0.000000106	0	0.000000001	0.000048698	0.000024975	0.000272553	0.000000106
9	0.769946736	0.000122476	0.000000055	0	0.000000018	0.000001627	0.000012945	0.000122476	0.000000055
10	0.762557402	0.000065493	0.000000014	0	0.000000129	0.000001155	0.000008763	0.000065493	0.000000014
11	0.722846411	0.000091296	0.000000008	0	0.000000223	0.000007884	0.00001845	0.000091296	0.000000008
12	0.710301977	0.000805326	0.000034756	0	0.000011961	0.000324445	0.000071799	0.000805326	0.000034756
13	0.696787407	0.000903883	0.000000023	0	0.000000079	0.001258609	0.000050509	0.000903883	0.000000023
14	0.648310419	0.007478248	0.000058384	0	0.000013211	0.014729924	0.000201244	0.007478248	0.000058384
15	0.646421749	0.000043949	0.006158502	0	0.001803068	0.000173948	0.008829517	0.000043949	0.006158502
16	0.621926876	0.008018556	0.000050074	0	0.00002093	0.00440563	0.00030609	0.008018556	0.000050074
17	0.611964659	0.000988838	0.004371844	0	0.001252294	0.000321917	0.001397059	0.000988838	0.004371844
18	0.577147175	0.00121661	0.004276017	0	0.001271879	0.00070277	0.001654103	0.00121661	0.004276017
19	0.571958882	0.020906808	0.000043402	0	0.000010064	0.016195279	0.001037514	0.020906808	0.000043402
20	0.523549488	0.022576966	0.000003231	0	0.000004552	0.023007647	0.000242642	0.022576966	0.000003231
21	0.504464617	0.000156305	0.002417257	0	0.001249806	0.000145841	0.001504786	0.000156305	0.002417257
22	0.464414639	0.01016118	0.00009301	0	0.0000436	0.015875759	0.000002259	0.01016118	0.00009301
23	0.439508111	0.000212385	0.005348856	0	0.001903821	0.000352235	0.003066527	0.000212385	0.005348856
24	0.395471048	0.015958822	0.003260434	0	0.001929507	0.012921952	0.00440281	0.015958822	0.003260434
25	0.386997847	0.016068868	0.005221503	0	0.002982334	0.012453108	0.005740001	0.016068868	0.005221503
26	0.32540007	0.291808314	0.000229328	0	0.000372624	0.323175241	0.003238734	0.291808314	0.000229328
27	0.319644459	0.001373908	0.103114975	0	0.10521296	0.00146098	0.064867707	0.001373908	0.103114975
28	0.284020409	0.20396649	0.000001283	0	0.000005454	0.261988883	0.002260955	0.20396649	0.000001283
29	0.264668939	0.000070824	0.081715989	0	0.070329509	0.000083266	0.064163466	0.000070824	0.081715989
30	0.237354896	0.242597403	0.000000246	0	0.000001403	0.24679097	0.000629445	0.242597403	0.000000246
31	0.191476025	0.00004527	0.082216867	0	0.040840333	0.000045541	0.055971883	0.00004527	0.082216867
32	0.139889457	0.019791258	0.001543584	0	0.001489964	0.000075795	0.002158999	0.019791258	0.001543584
33	0.131701456	0.000164697	0.592018242	0	0.380156261	0.00000015	0.402739918	0.000164697	0.592018242
34	0.081733528	0.000378209	0.083408198	0	0.104167525	0.000113599	0.059225135	0.000378209	0.083408198
35	0.074954354	0.120435481	0.000046295	0	0.000061543	0.022538144	0.001157427	0.120435481	0.000046295

1.7 Equilibrio globale forze

Contributo: Nome attribuito al sistema risultante.

Fx: Componente X di forza del sistema risultante. [kN]

Fy: Componente Y di forza del sistema risultante. [kN]

Fz: Componente Z di forza del sistema risultante. [kN]

Mx: Componente di momento attorno l'asse X del sistema risultante. [kN*m]

My: Componente di momento attorno l'asse Y del sistema risultante. [kN*m]

Mz: Componente di momento attorno l'asse Z del sistema risultante. [kN*m]

Bilancio in condizione di carico: Pesì strutturali

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	-0.49579	6.72805	-14374.61439	-14207.6125	-177975.1315	-80.9556
Reazioni	0.49579	-6.72805	14374.61439	14204.6744	177975.4855	80.9556
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-2.9381	0.3539	0

Bilancio in condizione di carico: Permanenti portati

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-2781.95897	-4318.2841	-34500.9129	0
Reazioni	0	0	2781.95897	4316.8424	34499.5361	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-1.4417	-1.3767	0

Bilancio in condizione di carico: Variabile A

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-1928.16752	-2519.3312	-23897.7048	0
Reazioni	0	0	1928.16752	2517.3046	23896.9898	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-2.0266	-0.715	0

Bilancio in condizione di carico: Neve

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-339.65162	-375.2402	-4203.499	0
Reazioni	0	0	339.65162	377.9062	4202.1364	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	2.6659	-1.3626	0

Bilancio in condizione di carico: Variabile H

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-268.25632	-331.755	-3323.5064	0
Reazioni	0	0	268.25632	332.5958	3322.7394	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0.8408	-0.7669	0

Bilancio in condizione di carico: Vento

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	-44.74164	0	372.1963	0	552.8711
Reazioni	0	44.74164	0	-372.0429	-0.0284	-552.8711
P-Delta	0	0	0	0	0	0



Contributo	Fx	Fy	Fz	Mx	My	Mz
Totale	0	0	0	0.1533	-0.0284	0

Bilancio in condizione di carico: Sisma X SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	5635.34324	0	0	0	60576.6746	-6293.4769
Reazioni	-5635.34324	0	0	-67.0945	-60569.6225	6293.4769
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-67.0945	7.0521	0

Bilancio in condizione di carico: Sisma Y SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	5188.58835	0	-55774.3183	0	-64345.0922
Reazioni	0	-5188.58835	0	55761.8753	2.1731	64345.0922
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-12.4431	2.1731	0

Bilancio in condizione di carico: Eccentricità Y per sisma X SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	-2662.7305
Reazioni	0	0	0	-1.4166	-0.077	2662.7305
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-1.4166	-0.077	0

Bilancio in condizione di carico: Eccentricità X per sisma Y SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	1146.7331
Reazioni	0	0	0	0.6101	0.0332	-1146.7331
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0.6101	0.0332	0

Bilancio in condizione di carico: Sisma X SLD

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	2409.6295	0	0	0	25902.1209	-2691.0424
Reazioni	-2409.6295	0	0	-28.6891	-25899.1055	2691.0424
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-28.6891	3.0154	0

Bilancio in condizione di carico: Sisma Y SLD

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	2301.71306	0	-24742.0818	0	-28544.1684
Reazioni	0	-2301.71306	0	24736.5619	0.964	28544.1684
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-5.5199	0.964	0

Bilancio in condizione di carico: Eccentricità Y per sisma X SLD

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	-1138.5631
Reazioni	0	0	0	-0.6057	-0.0329	1138.5631
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-0.6057	-0.0329	0

Bilancio in condizione di carico: Eccentricità X per sisma Y SLD

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	508.703
Reazioni	0	0	0	0.2706	0.0147	-508.703
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0.2706	0.0147	0

Bilancio in condizione di carico: Rig Ux

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0.01	0	0	0	0.1506	-0.0182
Reazioni	-0.01	0	0	-0.0002	-0.1506	0.0182
P-Delta	0	0	0	0	0	0
Totale	0	0	0	-0.0002	0	0

Bilancio in condizione di carico: Rig Uy

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0.01	0	-0.1506	0	-0.1235
Reazioni	0	-0.01	0	0.1506	0	0.1235
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Rig Rz

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	0.0001
Reazioni	0	0	0	0	0	-0.0001
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

1.8 Risposta di spettro

Spettro: condizione elementare corrispondente allo spettro.

N.b.: nome breve della condizione elementare.



F_x: componente della forza lungo l'asse X. [kN]
F_y: componente della forza lungo l'asse Y. [kN]
F_z: componente della forza lungo l'asse Z. [kN]
M_x: componente della coppia attorno all'asse X. [kN*m]
M_y: componente della coppia attorno all'asse Y. [kN*m]
M_z: componente della coppia attorno all'asse Z. [kN*m]
Max X: massima reazione lungo l'asse X.
Valore: valore massimo della reazione. [kN]
Angolo: angolo d'ingresso del sisma che provoca il valore massimo della reazione. [deg]
Max Y: massima reazione lungo l'asse Y.
Valore: valore massimo della reazione. [kN]
Angolo: angolo d'ingresso del sisma che provoca il valore massimo della reazione. [deg]
Max Z: massima reazione lungo l'asse Z.
Valore: valore massimo della reazione. [kN]
Angolo: angolo d'ingresso del sisma che provoca il valore massimo della reazione. [deg]

Spettro N.b.	F _x	F _y	F _z	M _x	M _y	M _z	Max X		Max Y		Max Z	
							Valore	Angolo	Valore	Angolo	Valore	Angolo
SLV X	3547.4444	62.9003	0	4.658E02	3.340E04	4.053E03	3547.4444	179	3894.0306	90	0	0
SLV Y	62.9003	3894.0306	0	2.874E04	3.775E02	4.808E04	3547.4444	179	3894.0306	90	0	0
X SLD	1516.2235	27.3727	0	2.030E02	1.427E04	1.730E03	1516.2235	0	1720.563	90	0	0
Y SLD	27.3727	1720.563	0	1.269E04	1.615E02	2.124E04	1516.2235	0	1720.563	90	0	0

1.9 Annotazioni solutore

Informazioni: informazioni fornite dal solutore al termine del calcolo del modello.

Informazioni

1.10 Statistiche soluzione

Tipo di equazioni	Lineari
Tecnica di soluzione	Intel MKL PARDISO
Numero equazioni	101412
Elemento min. diagonale	990.04649789
Elemento max diagonale	133211702582518
Rapporto max/min	134550955805.274
Elementi non nulli	4344863