

REGIONE EMILIA ROMAGNA
PROVINCIA DI PARMA
COMUNE DI PALANZANO



**INTERVENTO STRUTTURALE PONTE DI CANETO – DPCM DEL
27.02.2019 – OCDPC 503/2018 – PIANO DEGLI INTERVENTI URGENTI
ANNUALITA' 2020 - INTERVENTO 15952**



C.U.P. J87H19005540001

COMMITTENTE:

Amm.ne Comunale di Palanzano
Piazza Cardinale Ferrari, 1 - 43025 Palanzano (PR) P.I. 00452160344

PROGETTO:

☐ FATTIBILITA' ☐ DEFINITIVO ☒ ESECUTIVO ☐ D.L.

TAVOLA:

**RELAZIONE DI CALCOLO - ALL. 1B
TABULATO STATO DI PROGETTO**

N°

**S_3
1B**

REVISIONI:

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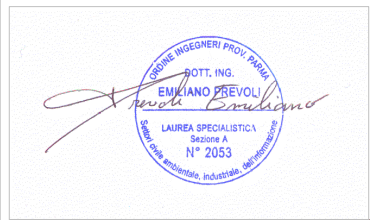
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SCALA:

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IL PROG. ARC./ STR.
Ing. Emiliano Prevoli



Consulenze Specifiche
Studio Montepara S.r.l

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Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

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D.M. 17/01/18 cap. 10.2 Affidabilità dei codici utilizzati
<https://www.2si.it/it/prodotti/affidabilita/>

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RELAZIONE DI CALCOLO STRUTTURALE

Premessa

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calcolo.

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le strutture, in relazione agli strumenti urbanistici, al progetto architettonico, al progetto delle componenti tecnologiche in generale ed alle prestazioni attese dalla struttura.

Analisi storico-critica ed esito del rilievo geometrico-strutturale

Per edifici esistenti, in coerenza con il paragrafo 8.2 delle NTC-18, l'analisi storico-critica ed il rilievo geometrico-strutturale devono evidenziare i seguenti aspetti: (a) la costruzione riflette lo stato delle conoscenze al tempo della sua realizzazione; (b) possono essere insiti e non palesi difetti di impostazione e di realizzazione; (c) la costruzione può essere stata soggetta ad azioni, anche eccezionali, i cui effetti non siano completamente manifesti; (d) le strutture possono presentare degrado e/o modificazioni significative rispetto alla situazione originaria.

Analisi storico-critica

Per edifici esistenti, viene indicata la documentazione reperita e vengono esplicitate le informazioni desunte da ciascuno dei documenti esaminati per le finalità indicate al paragrafo 8.5.1 delle NTC-18.

Completare

Esito del rilievo geometrico-strutturale

Per edifici esistenti, vengono descritte le modalità con cui è stato effettuato il rilievo geometrico strutturale e gli esiti di quest'ultimo, anche con riferimenti espliciti e puntuali agli elaborati grafici che saranno riportati nella parte "4.1. Rilievo geometrico-strutturale". Il rilievo delle strutture deve essere eseguito e restituito secondo le modalità e con le finalità riportate nei paragrafi 8.5.2 e 8.7 delle NTC-18.

Descrizione generale dell'opera

| Descrizione generale dell'opera | |
|---------------------------------|---|
| Ubicazione | Comune di PALANZANO (PR) (Regione EMILIA-ROMAGNA) |
| | Località PALANZANO (PR) |
| | Longitudine 10.192, Latitudine 44.435 |

| Parametri della struttura | | | |
|---------------------------|----------------|------------|-------------------|
| Classe d'uso | Vita Vn [anni] | Coeff. Uso | Periodo Vr [anni] |
| III | 100.0 | 1.5 | 150.0 |

| Fattore di struttura |
|----------------------|
| q=1.00 |

Quadro normativo di riferimento adottato

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito. Nel capitolo "normativa di riferimento" è comunque presente l'elenco completo delle normative disponibili.

| Progetto-verifica degli elementi | |
|--------------------------------------|-----------------|
| Progetto cemento armato | D.M. 17-01-2018 |
| Progetto acciaio | D.M. 17-01-2018 |
| Progetto legno | D.M. 17-01-2018 |
| Progetto muratura | D.M. 17-01-2018 |
| Azione sismica | |
| Norma applicata per l'azione sismica | D.M. 17-01-2018 |

Livelli di conoscenza e fattori di confidenza

Il livello di conoscenza, per edifici esistenti è LC2
Pertanto il fattore di confidenza è 1.20

Azioni di progetto sulla costruzione

Nei capitoli "modellazione delle azioni" e "schematizzazione dei casi di carico" sono indicate le azioni sulla costruzione.

Nel prosieguo si indicano il tipo di analisi strutturale condotta (statico, dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame *sono risultate effettivamente*

esaustive per la progettazione-verifica.

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L'analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L'analisi strutturale è condotta con il metodo dell'analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell'ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

$$\mathbf{K} \cdot \mathbf{u} = \mathbf{F} \text{ dove}$$

\mathbf{K} = matrice di rigidezza
 \mathbf{u} = vettore spostamenti nodali
 \mathbf{F} = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all'elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

| | |
|--------------------------------|---|
| Elemento tipo TRUSS | (biella-D2) |
| Elemento tipo BEAM | (trave-D2) |
| Elemento tipo MEMBRANE | (membrana-D3) |
| Elemento tipo PLATE | (piastra-guscio-D3) |
| Elemento tipo BOUNDARY | (molla) |
| Elemento tipo STIFFNESS | (matrice di rigidezza) |
| Elemento tipo BRICK | (elemento solido) |
| Elemento tipo SOLAIO | (macro elemento composto da più membrane) |

Modello numerico

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 e relativi sottoparagrafi delle NTC-18, tale da garantire la leggibilità, la corretta interpretazione e la riproducibilità

| Tipo di analisi strutturale | |
|---|----|
| Carichi statici | SI |
| Sismica statica lineare | NO |
| Sismica dinamica lineare | SI |
| Sismica statica non lineare (prop. masse) | NO |
| Sismica statica non lineare (prop. modo) | NO |
| Sismica statica non lineare (triangolare) | NO |
| Non linearità geometriche (fattore P delta) | NO |

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

| Informazioni sul codice di calcolo | |
|------------------------------------|---|
| Titolo: | PRO SAP PROfessional Structural Analysis Program |
| Versione: | PROFESSIONAL (build 2020-03-188) |
| Produttore-Distributore: | 2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara |

Un attento esame preliminare della documentazione a corredo del software **ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico**. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

| Affidabilità dei codici utilizzati | |
|---|--|
| 2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche. | |
| E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: | |
| http://www.2si.it/Software/Affidabilità.htm | |

| Modellazione della geometria e proprietà meccaniche: | |
|--|-----|
| nodi | 739 |
| elementi D2 (per aste, travi, pilastri...) | 452 |

| | |
|---|----------|
| elementi D3 (per pareti, platee, gusci...) | 560 |
| elementi solaio | 0 |
| elementi solidi | 0 |
| Dimensione del modello strutturale [cm]: | |
| X min = | -1225.00 |
| Xmax = | 4900.00 |
| Ymin = | -306.00 |
| Ymax = | 306.00 |
| Zmin = | 0.00 |
| Zmax = | 475.00 |
| Strutture verticali: | |
| Elementi di tipo asta | NO |
| Pilastri | SI |
| Pareti | NO |
| Setti (a comportamento membranale) | NO |
| Strutture non verticali: | |
| Elementi di tipo asta | NO |
| Travi | SI |
| Gusci | SI |
| Membrane | NO |
| Orizzontamenti: | |
| Solai con la proprietà piano rigido | NO |
| Solai senza la proprietà piano rigido | NO |
| Tipo di vincoli: | |
| Nodi vincolati rigidamente | SI |
| Nodi vincolati elasticamente | NO |
| Nodi con isolatori sismici | NO |
| Fondazioni puntuali (plinti/plinti su palo) | NO |
| Fondazioni di tipo trave | NO |
| Fondazioni di tipo platea | NO |
| Fondazioni con elementi solidi | NO |

Modellazione delle azioni

Si veda il capitolo **“Schematizzazione dei casi di carico”** per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte *“2.6. Azioni di progetto sulla costruzione”*.

Combinazioni e/o percorsi di carico

Si veda il capitolo **“Definizione delle combinazioni”** in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

| Combinazioni dei casi di carico | |
|--|-------------|
| APPROCCIO PROGETTUALE | Approccio 2 |
| Tensioni ammissibili | NO |
| SLU | SI |
| SLV (SLU con sisma) | SI |
| SLC | NO |
| SLD | SI |
| SLO | NO |
| SLU GEO A2 (per approccio 1) | NO |
| SLU EQU | NO |
| Combinazione caratteristica (rara) | SI |
| Combinazione frequente | SI |
| Combinazione quasi permanente (SLE) | SI |
| SLA (accidentale quale incendio) | NO |

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni anormali. Si può pertanto asserire che l'elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

Verifiche agli stati limite ultimi

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di duttilità, di degrado.

Verifiche agli stati limite di esercizio

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLE vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

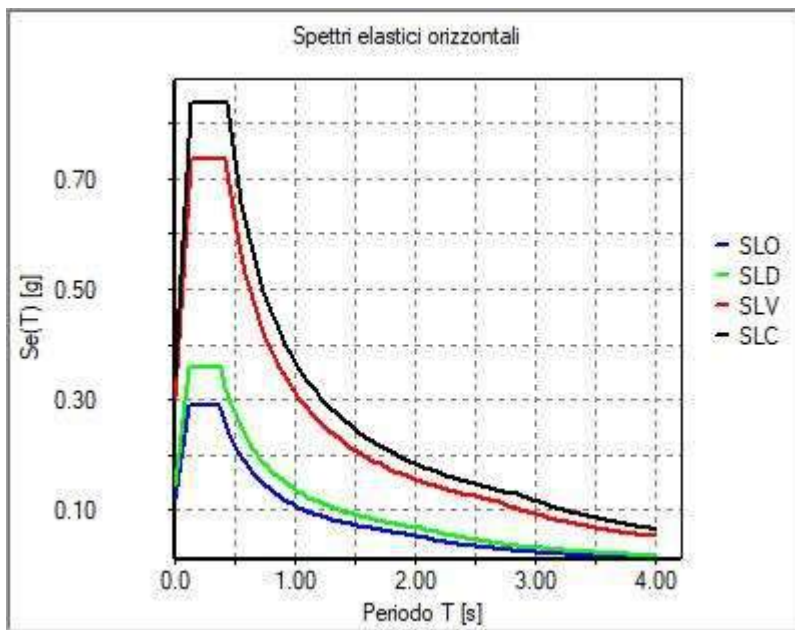
RELAZIONE SUI MATERIALI

Il capitolo Materiali riporta informazioni esaustive relative all'elenco dei materiali impiegati e loro modalità di posa in opera e ai valori di calcolo.

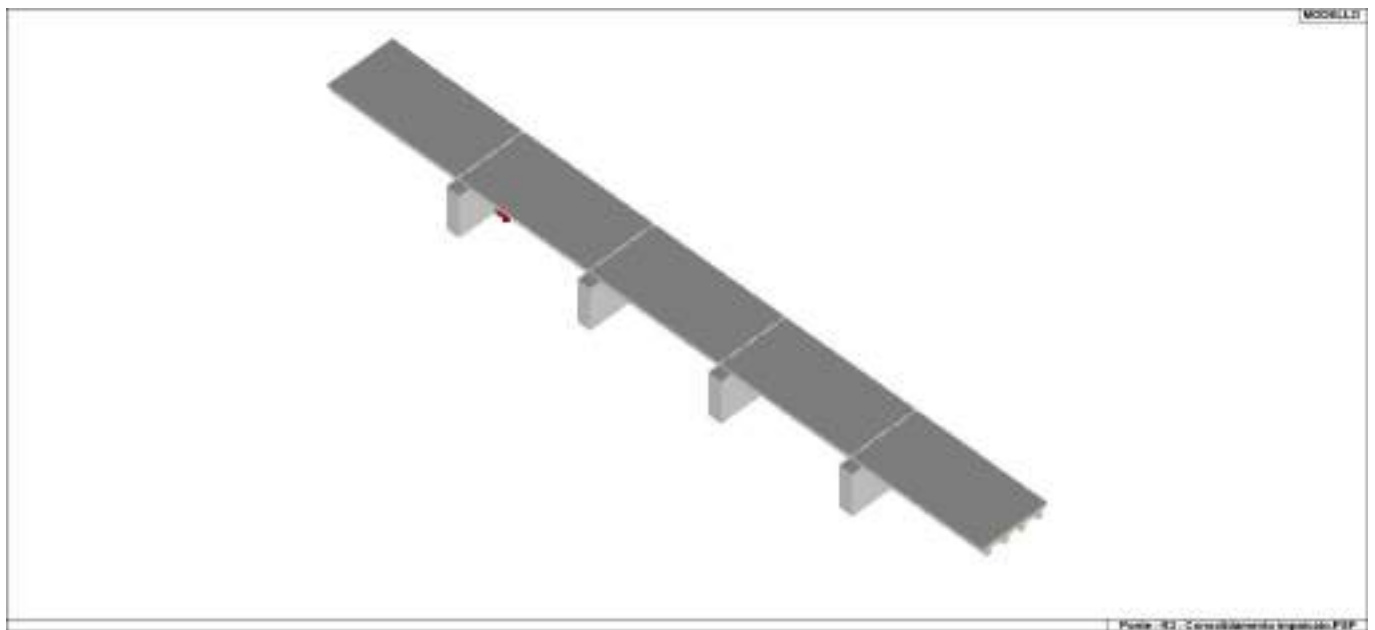
NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP. "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
4. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
6. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
7. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
8. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
9. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
10. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
11. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
12. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
13. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
14. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni.
15. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
16. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
17. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
18. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
19. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

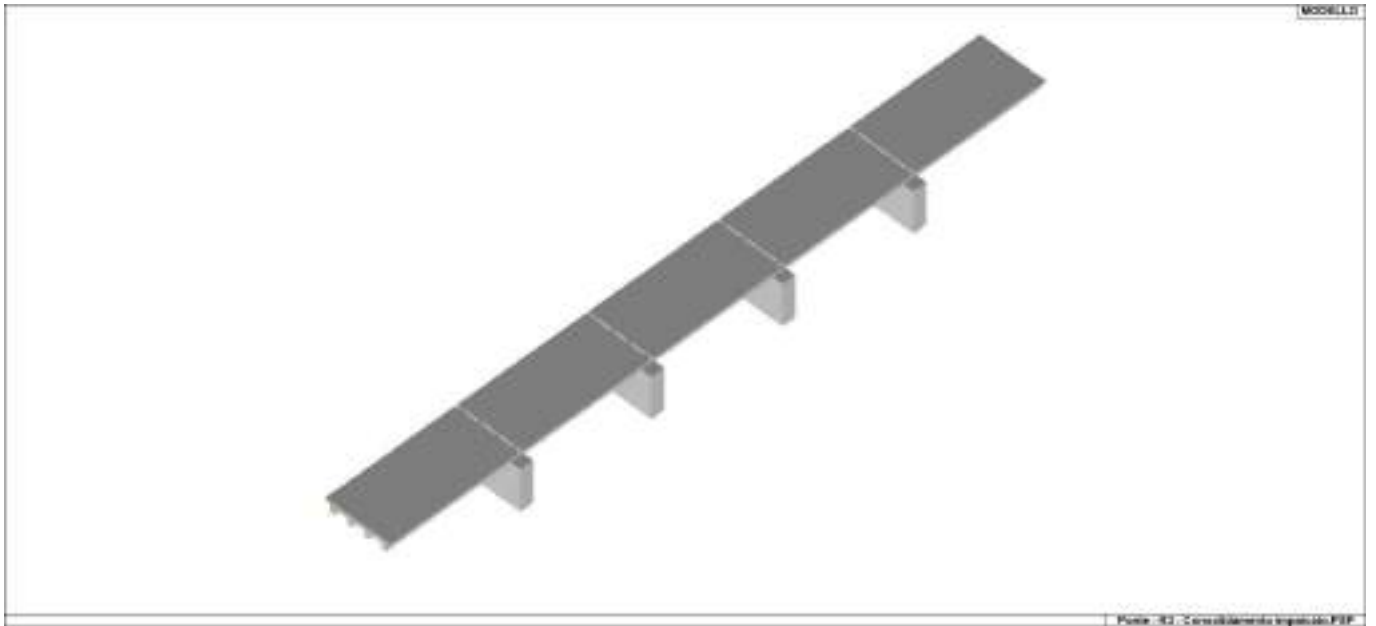
NOTA il capitolo "normativa di riferimento": riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO". Laddove nei capitoli successivi vengano richiamate norme antecedenti al DM 17.01.18 è dovuto o a progettazione simulata di edificio esistente.



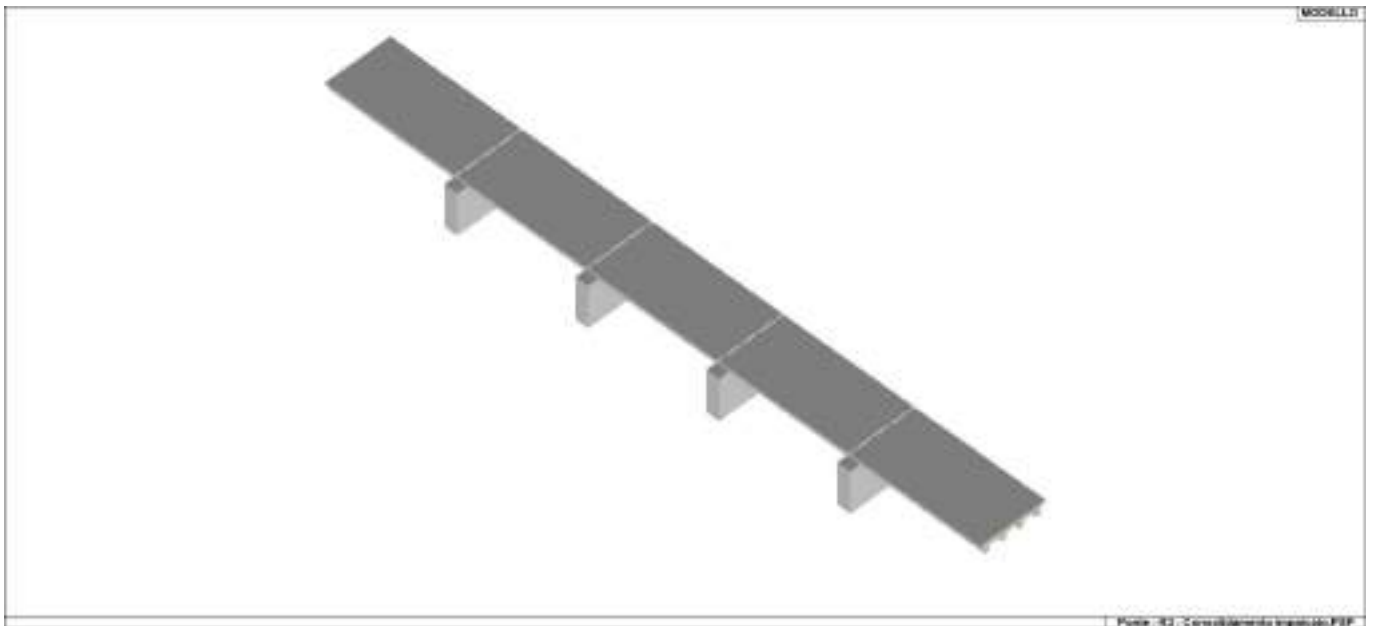
01_INT_SPETTRI_ELASTICI_O



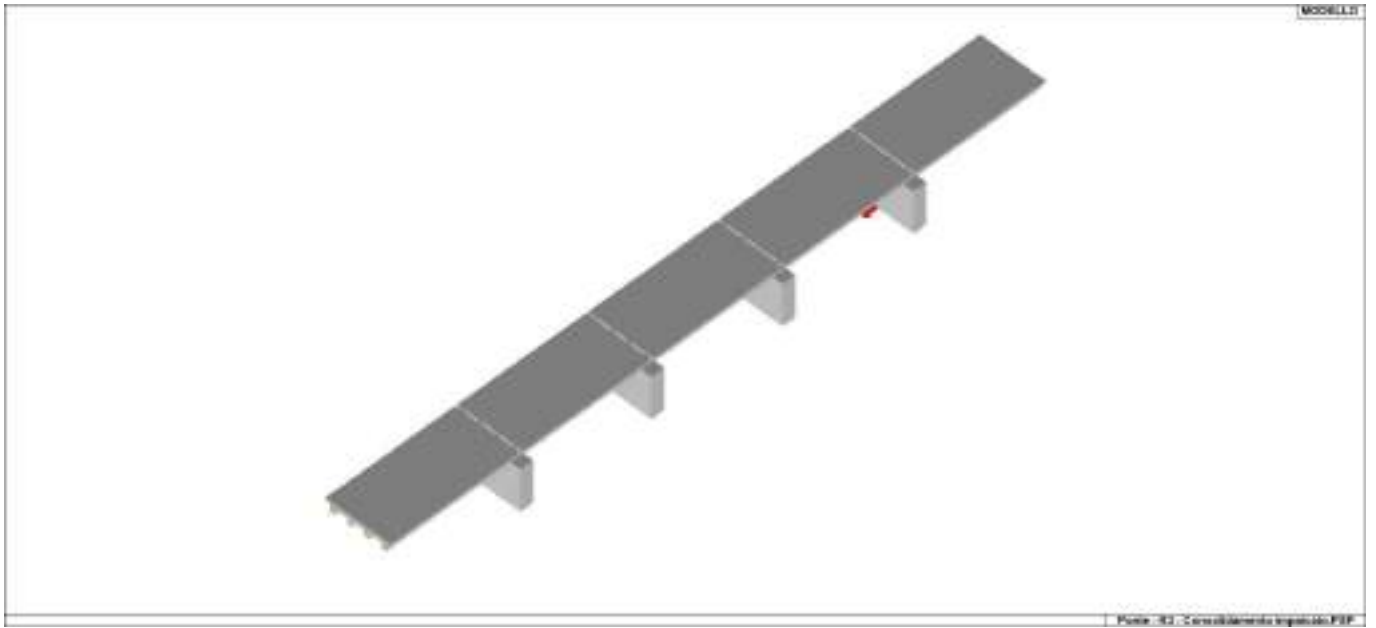
01_INT_VISTA_SOLIDA_001



01_INT_VISTA_SOLIDA_002



01_INT_VISTA_SOLIDA_003



01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

| | |
|---|-------------------------------|
| 1 | materiale tipo cemento armato |
| 2 | materiale tipo acciaio |
| 3 | materiale tipo muratura |
| 4 | materiale tipo legno |
| 5 | materiale tipo generico |

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

| | |
|----------------------------|--|
| Young | modulo di elasticità normale E |
| Poisson | coefficiente di contrazione trasversale ν |
| G | modulo di elasticità tangenziale |
| Gamma | peso specifico |
| Alfa | coefficiente di dilatazione termica |
| Fattore di confidenza FC m | Fattore di confidenza specifico per materiale; (è riportato solo se diverso da quello globale della struttura) |
| Fattore di confidenza FC a | Fattore di confidenza specifico per l'armatura (è riportato solo se diverso da quello globale della struttura) |
| Elasto-plastico | Materiale elastico perfettamente plastico per aste non lineari |
| Massima compressione | Massima tensione di compressione per aste non lineari |
| Massima trazione | Massima tensione di trazione per aste non lineari |
| Fattore attrito | Coefficiente di attrito per aste non lineari |
| Rapporto HRDb | Rapporto di hardening a flessione |
| Rapporto HRDv | Rapporto di hardening a taglio |

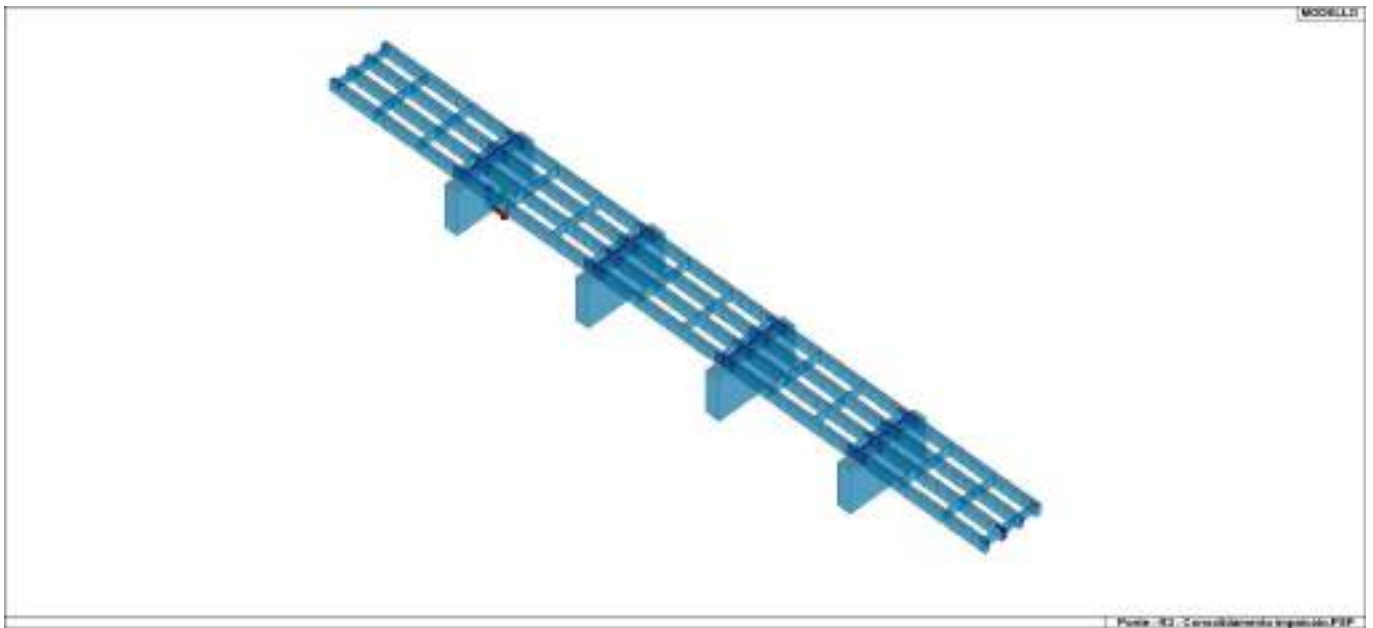
I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

| | | | |
|---|----------------|--|--|
| 1 | cemento armato | Resistenza Rc Resistenza fctm Coefficiente ksb | resistenza a compressione cubica resistenza media a trazione semplice Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block |
| 2 | acciaio | Tensione ft Tensione fy Resistenza fd Resistenza fd (>40) Tensione ammissibile Tensione ammissibile (>40) | Valore della tensione di rottura Valore della tensione di snervamento Resistenza di calcolo per SL CNR-UNI 10011 Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm Tensione ammissibile CNR-UNI 10011 Tensione ammissibile CNR-UNI 10011 per spessori > 40mm |

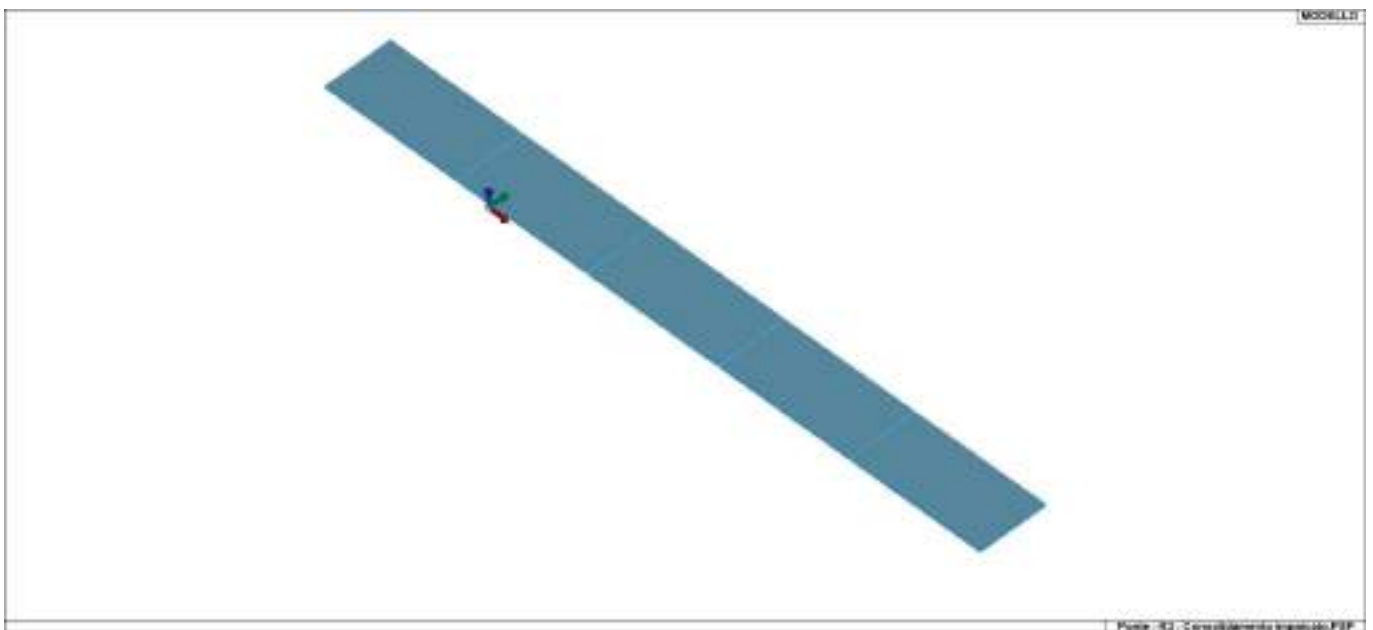
Nel tabulato si riportano sia i valori caratteristici che medi utilizzando gli uni e/o gli altri in relazione alle richieste di normativa ed alla tipologia di verifica. (Cap.7 NTC18 per materiali nuovi, Cap.8 NTC18 e relativa circolare 21/01/2019 per materiali esistenti, Linee Guida Reluis per incamicatura CAM, CNR-DT 200 per interventi con FRP)

Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

| Id | Tipo / Note | V. caratt. | V. medio | Young | Poisson | G | Gamma | Alfa | Altri |
|-----|--|------------|----------|-----------|---------|-----------|----------|----------|----------|
| | | daN/cm2 | daN/cm2 | daN/cm2 | | daN/cm2 | daN/cm3 | | |
| 2 | Calcestruzzo Classe C20/25-c.a. classe = 250.00 < MATERIALE ESISTENTE > | | | 3.020e+05 | 0.20 | 1.258e+05 | 2.50e-03 | 1.00e-05 | |
| | Fattore di confidenza FC m | | | | | | | | 1.20 |
| | Fattore di confidenza FC a | | | | | | | | 1.20 |
| | Resistenza Rc | 153.6 | 250.0 | | | | | | |
| | Resistenza fctm | | 22.6 | | | | | | |
| | Rapporto Rfessurata | | | | | | | | 1.00 |
| | Coefficiente ksb | | | | | | | | 0.85 |
| | Rapporto HRDb | | | | | | | | 1.00e-05 |
| | Rapporto HRDv | | | | | | | | 1.00e-05 |
| 157 | Materiale inf. rigido no peso E = 1.000e+09 < MATERIALE NUOVO > | | | 1.000e+09 | 0.0 | 5.000e+08 | 0.0 | 1.20e-05 | |
| | Rapporto HRDb | | | | | | | | 1.00e-05 |
| | Rapporto HRDv | | | | | | | | 1.00e-05 |



11_MOD_MATERIALI_D2



11_MOD_MATERIALI_D3

| Gusci c.a. | 1/7/.. | 2/8/.. | 3/9/.. | 4/10/.. | 5/11/.. | 6/12/.. |
|----------------------------|--------|--------|--------|-----------|---------|---------|
| Armatura | | | | | | |
| Inclinazione Ax [gradi] | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Angolo Ax-Ay [gradi] | 90.00 | 90.00 | 90.00 | 90.00 | | |
| Minima tesa | 0.31 | 0.10 | 0.13 | 2.000e-02 | | |
| Massima tesa | 0.78 | 0.78 | 4.00 | 0.78 | | |
| Maglia unica centrale | NO | NO | NO | NO | | |
| Copriferro [cm] | 2.00 | 3.00 | 2.00 | 2.00 | | |
| Maglia x | | | | | | |
| diametro | 10 | 12 | 10 | 12 | | |
| passo | 20 | 20 | 20 | 15 | | |
| diametro aggiuntivi | 12 | 12 | 12 | 12 | | |
| Maglia y | | | | | | |
| diametro | 10 | 12 | 10 | 12 | | |
| passo | 20 | 20 | 20 | 15 | | |
| diametro aggiuntivi | 12 | 12 | 12 | 12 | | |
| Stati limite ultimi | | | | | | |

| Gusci c.a. | 1/7/.. | 2/8/.. | 3/9/.. | 4/10/.. | 5/11/.. | 6/12/.. |
|--------------------------------------|---------------|---------------|---------------|----------------|----------------|----------------|
| Tensione fy [daN/cm2] | 4500.00 | 4500.00 | 4500.00 | 4500.00 | | |
| Tipo acciaio | tipo C | tipo C | tipo C | tipo C | | |
| Coefficiente gamma s | 1.15 | 1.15 | 1.15 | 1.15 | | |
| Coefficiente gamma c | 1.50 | 1.50 | 1.50 | 1.50 | | |
| Verifiche con N costante | SI | SI | SI | SI | | |
| Applica SLU da DIN | NO | NO | NO | NO | | |
| Tensioni ammissibili | | | | | | |
| Tensione amm. cls [daN/cm2] | 97.50 | 97.50 | 97.50 | 97.50 | | |
| Tensione amm. acciaio [daN/cm2] | 2600.00 | 2600.00 | 2600.00 | 2600.00 | | |
| Rapporto omogeneizzazione N | 15.00 | 15.00 | 15.00 | 15.00 | | |
| Massimo rapporto area compressa/tesa | 1.00 | 1.00 | 1.00 | 1.00 | | |
| Resistenza al fuoco | | | | | | |
| 3- intradosso | NO | NO | NO | NO | | |
| 3+ estradosso | NO | NO | NO | NO | | |
| Tempo di esposizione R | 15 | 15 | 15 | 15 | | |

| Travi c.a. | 1/7/.. | 2/8/.. | 3/9/.. | 4/10/.. | 5/11/.. | 6/12/.. |
|--------------------------------------|---------------|---------------|---------------|----------------|----------------|----------------|
| Generalità | | | | | | |
| Progetta a filo | NO | NO | NO | NO | | |
| Af inf: da q*L*L / | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Armatura | | | | | | |
| Minima tesa | 0.31 | 0.20 | 0.13 | 2.000e-02 | | |
| Minima compressa | 0.31 | 0.20 | 0.13 | 2.000e-02 | | |
| Massima tesa | 0.78 | 0.78 | 4.00 | 4.00 | | |
| Da sezione | SI | SI | SI | SI | | |
| Usa armatura teorica | NO | NO | NO | NO | | |
| Stati limite ultimi | | | | | | |
| Tensione fy [daN/cm2] | 4500.00 | 4500.00 | 4500.00 | 4500.00 | | |
| Tensione fy staffe [daN/cm2] | 4500.00 | 4500.00 | 4500.00 | 4500.00 | | |
| Tipo acciaio | tipo C | tipo C | tipo C | tipo C | | |
| Coefficiente gamma s | 1.15 | 1.15 | 1.15 | 1.15 | | |
| Coefficiente gamma c | 1.50 | 1.50 | 1.50 | 1.50 | | |
| Verifiche con N costante | SI | SI | SI | SI | | |
| Fattore di ridistribuzione | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Modello per il confinamento | | | | | | |
| Relazione tensio-deformativa | Mander | Mander | Mander | Mander | | |
| Incrudimento acciaio | 5.000e-03 | 5.000e-03 | 5.000e-03 | 5.000e-03 | | |
| Fattore lambda | 1.00 | 1.00 | 1.00 | 1.00 | | |
| epsilon max,s | 4.000e-02 | 4.000e-02 | 4.000e-02 | 4.000e-02 | | |
| epsilon cu2 | 4.500e-03 | 4.500e-03 | 4.500e-03 | 4.500e-03 | | |
| epsilon c2 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| epsilon cy | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Tensioni ammissibili | | | | | | |
| Tensione amm. cls [daN/cm2] | 97.50 | 97.50 | 97.50 | 97.50 | | |
| Tensione amm. acciaio [daN/cm2] | 2600.00 | 2600.00 | 2600.00 | 2600.00 | | |
| Rapporto omogeneizzazione N | 15.00 | 15.00 | 15.00 | 15.00 | | |
| Massimo rapporto area compressa/tesa | 1.00 | 1.00 | 1.00 | 1.00 | | |
| Staffe | | | | | | |
| Diametro staffe | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Passo minimo [cm] | 4.00 | 4.00 | 4.00 | 4.00 | | |
| Passo massimo [cm] | 30.00 | 30.00 | 30.00 | 30.00 | | |
| Passo raffittito [cm] | 15.00 | 15.00 | 15.00 | 15.00 | | |
| Lunghezza zona raffittita [cm] | 50.00 | 50.00 | 50.00 | 50.00 | | |
| Ctg(Teta) Max | 2.50 | 2.50 | 2.50 | 2.50 | | |
| Percentuale sagomati | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Luce di taglio per GR [cm] | 1.00 | 1.00 | 1.00 | 1.00 | | |
| Adotta scorrimento medio | NO | NO | NO | NO | | |
| Torsione non essenziale inclusa | SI | SI | SI | SI | | |

| Pilastri c.a. | 1/7/.. | 2/8/.. | 3/9/.. | 4/10/.. | 5/11/.. | 6/12/.. |
|----------------------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| Generalità | | | | | | |
| Progetto armatura | Privilegia lati | Privilegia lati | Privilegia lati | Privilegia lati | | |
| Progetta a filo | NO | NO | NO | SI | | |
| Effetti del 2 ordine | SI | SI | SI | SI | | |
| Beta per 2-2 | 1.00 | 1.00 | 1.00 | 1.00 | | |
| Beta per 3-3 | 1.00 | 1.00 | 1.00 | 1.00 | | |
| Armatura | | | | | | |
| Massima tesa | 4.00 | 4.00 | 4.00 | 4.00 | | |
| Minima tesa | 1.00 | 1.00 | 0.30 | 2.000e-02 | | |
| Stati limite ultimi | | | | | | |

| Pilastri c.a. | 1/7/.. | 2/8/.. | 3/9/.. | 4/10/.. | 5/11/.. | 6/12/.. |
|--|---------------|---------------|---------------|----------------|----------------|----------------|
| Tensione fy [daN/cm ²] | 4500.00 | 4500.00 | 4500.00 | 4500.00 | | |
| Tensione fy staffe [daN/cm ²] | 4500.00 | 4500.00 | 4500.00 | 4500.00 | | |
| Tipo acciaio | tipo C | tipo C | tipo C | tipo C | | |
| Coefficiente gamma s | 1.15 | 1.15 | 1.15 | 1.15 | | |
| Coefficiente gamma c | 1.50 | 1.50 | 1.50 | 1.50 | | |
| Verifiche con N costante | SI | SI | SI | SI | | |
| Modello per il confinamento | | | | | | |
| Relazione tensio-deformativa | Mander | Mander | Mander | Mander | | |
| Incrudimento acciaio | 5.000e-03 | 5.000e-03 | 5.000e-03 | 5.000e-03 | | |
| Fattore lambda | 1.00 | 1.00 | 1.00 | 1.00 | | |
| epsilon max,s | 4.000e-02 | 4.000e-02 | 4.000e-02 | 4.000e-02 | | |
| epsilon cu2 | 4.500e-03 | 4.500e-03 | 4.500e-03 | 4.500e-03 | | |
| epsilon c2 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| epsilon cy | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Tensioni ammissibili | | | | | | |
| Tensione amm. cls [daN/cm ²] | 97.50 | 97.50 | 97.50 | 97.50 | | |
| Tensione amm. acciaio [daN/cm ²] | 2600.00 | 2600.00 | 2600.00 | 2600.00 | | |
| Rapporto omogeneizzazione N | 15.00 | 15.00 | 15.00 | 15.00 | | |
| Staffe | | | | | | |
| Diametro staffe | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Passo minimo [cm] | 5.00 | 5.00 | 5.00 | 5.00 | | |
| Passo massimo [cm] | 25.00 | 25.00 | 25.00 | 25.00 | | |
| Passo raffittito [cm] | 15.00 | 15.00 | 15.00 | 15.00 | | |
| Lunghezza zona raffittita [cm] | 45.00 | 45.00 | 45.00 | 45.00 | | |
| Ctg(Teta) Max | 2.50 | 2.50 | 2.50 | 2.50 | | |
| Luce di taglio per GR [cm] | 1.00 | 1.00 | 1.00 | 1.00 | | |
| Massimizza gerarchia | SI | SI | SI | SI | | |

EDIFICI ESISTENTI: INTERVENTI DI RINFORZO

LEGENDA TABELLE INTERVENTI DI RINFORZO

Per le verifiche da condurre sugli elementi rinforzati il programma attinge le informazioni da archivi di rinforzi. Gli archivi utilizzati e la modalità di applicazione della specifica tecnica dipendono ovviamente dal tipo e materiale dell'elemento strutturale. In particolare nelle tabelle successive vengono dettagliati:

- I rinforzi FRP per c.a. (implementati secondo il punto "C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI" e "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP")
- I rinforzi tipo CAM o angolari con calastrelli (implementati secondo il punto C8.7.2.2 INCAMICIATURA IN ACCIAIO)
- I rinforzi FRP per murature (implementati come da "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP")

| Titolo colonna | Descrizione | Nota |
|--------------------|--|---|
| Id | Indice nell'archivio | |
| Sigla FRP per c.a. | Nome nell'archivio o riferimento al prodotto commerciale | |
| Spess. | Spessore del fibrorinforzo | Strati sovrapposti si modellano assegnando lo spessore totale |
| Mod. E | Modulo elastico del fibrorinforzo | Elastico lineare fino a rottura |
| eps r | Tensione caratteristica di rottura | |
| Direz. | Schema di disposizione delle fibre | Da uniassiale a quadriassiale |
| Applicaz. | Applicazione tipo A o B | Utilizzato in Tabella 2-1 |
| Espos. | Interna, esterna, ambiente aggressivo | Utilizzato in Tabella 2-3 |
| Fibra | Arammidica, vetro, carbonio, altro | Utilizzato in Tabella 2-3 |
| L fasc. | Larghezza delle fasce | Definizione geometrica della fasciatura, se L.fasc=P fasc. o uno dei 2 è nullo, si ritiene applicata un ricoprimento completo |
| P fasc. | Passo delle fasce | Definizione geometrica della fasciatura, se L.fasc=P fasc. o uno dei 2 è nullo, si ritiene applicata un ricoprimento completo |
| R curv. | Raggio di curvatura utilizzato nell'arrotondamento degli spigoli | |

| Titolo colonna | Descrizione | Nota |
|----------------|--|---|
| Id | Indice nell'archivio | |
| Sigla CAM | Nome nell'archivio o riferimento al prodotto commerciale | Utilizzato anche per incamiciatura in acciaio con profili generici. |
| Sez. | Angolare utilizzato | Nel caso il profilo non sia presente nell'archivio delle sezioni si riporta "altro" |
| A | Area dell'angolare | |
| L | Lato dell'angolare | |
| s L | Spessore dell'angolare | |
| fyk | Tensione caratteristica di snervamento angolare | |
| s cal. | Spessore dei nastri o calastrelli | |
| L cal. | Altezza dei nastri o calastrelli | |
| P cal. | Passo dei nastri o calastrelli | |
| M nas. | Numero dei nastri | Utilizzato nel caso in cui si utilizzino più nastri sovrapposti |
| fyk c | Tensione caratteristica di snervamento dei nastri o calastrelli | |
| ftk c | Tensione caratteristica di rottura dei nastri o calastrelli | |
| R curv. | Raggio di curvatura utilizzato nell'arrotondamento degli spigoli | |

| Titolo colonna | Descrizione | Nota |
|--------------------|--|--|
| Id | Indice nell'archivio | |
| Sigla FRP per mur. | Nome nell'archivio o riferimento al prodotto commerciale | |
| Spess. | Spessore del fibrorinforzo | Strati sovrapposti si modellano sommando gli spessori |
| Mod. E | Modulo elastico del fibrorinforzo | Elastico lineare fino a rottura |
| eps r | Tensione caratteristica di rottura | |
| eps d | Tensione di progetto assegnata | Valore della tensione massima nel fibrorinforzo, nel caso si adottino dispositivi di ancoraggio. Se pari a 0 viene calcolata dal programma automaticamente |
| Applicaz. | Applicazione tipo A o B | Utilizzato in Tabella 2-1 |
| Espos. | Interna, esterna, ambiente aggressivo | Utilizzato in Tabella 2-3 |
| Fibra | Arammidica, vetro, carbonio, altro | Utilizzato in Tabella 2-3 |
| L fasc. O | Larghezza delle fasce orizzontali | |
| P fasc. O | Passo delle fasce orizzontali | |
| L fasc. V | Larghezza delle fasce verticali | |

| | | |
|-----------|---|--|
| P fasc. V | Passo delle fasce verticali | |
| A conc. | Area di rinforzo concentrato alle estremità del maschio murario | |
| Conf. | Fibrorinforzo adottato per conseguire un effetto di confinamento sulla muratura | Utilizzato per elementi Pilastro in muratura |
| R curv. | Raggio di curvatura utilizzato nell'arrotondamento degli spigoli | |

Per i materiali degli elementi in muratura consolidata, in relazione alla Tabella C8.5.II "Coefficienti correttivi massimi dei parametri meccanici (indicati in Tabella C85.I) da applicarsi in presenza di: malta di caratteristiche buone o ottime; giunti sottili; ricorsi o listature; sistematiche connessioni trasversali; iniezione di miscele leganti; intonaco armato; ristillatura armata con connessione dei paramenti. Si riportano le informazioni atte a definire la tecnica di rinforzo adottata e gli eventuali incrementi in termini di rigidità e resistenza conseguiti.

A seguire vengono dettagliati gli interventi per le strutture in c.a. con la seguente suddivisione tabellare :

- Nodi: con gli interventi applicati in ottemperanza ai punti C8.7.4.2.1 INCAMICIATURA IN C.A. ; C8.7.4.2.2 INCAMICIATURA IN ACCIAIO ; C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
- Pilastri: con gli interventi applicati in ottemperanza ai punti C8.7.4.2.1 INCAMICIATURA IN C.A. ; C8.7.4.2.2 INCAMICIATURA IN ACCIAIO ; C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
- Travi: con gli interventi applicati in ottemperanza ai punti C8.7.4.2.1 INCAMICIATURA IN C.A. ; C8.7.4.2.2 INCAMICIATURA IN ACCIAIO ; C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI ; interventi applicati secondo la tecnica del beton plaque

| Titolo colonna | Descrizione | Nota |
|----------------------|--|---|
| Pilas. I | Pilastro sottostante il nodo rinforzato | |
| Nodo | Numero del nodo rinforzato | |
| sez a-o | Sezione del pilastro sottostante ante-operam | |
| sez p-o | Sezione del pilastro sottostante post-operam | Il nodo viene verificato con la sezione del pilastro post-operam se il pilastro ha camicia con continuità flessionale. L'incremento di capacità si cumula a quello di eventuali altri rinforzi, ma per la verifica si considera il coeff. riduttivo 0.9 |
| Diam. | Diametro della armatura orizzontale aggiuntiva nel nodo | L'armatura è riferita a una sola faccia |
| Passo | Passo dell'armatura orizzontale aggiuntiva nel nodo | |
| f _{yk} arm. | Tensione caratteristica di snervamento dell'armatura orizzontale aggiuntiva nel nodo | |
| Spess. | Spessore della piastra di rinforzo applicata nel nodo | La piastra è applicata a una sola faccia |
| f _{yk} plt. | Tensione caratteristica di snervamento per la piastra di rinforzo applicata nel nodo | |
| rinforzo frp | Nome nell'archivio o riferimento al prodotto commerciale | Il rinforzo è applicato a una sola faccia |

| Titolo colonna | Descrizione | Nota |
|------------------|---|---|
| Pilas. | Pilastro di interesse | Gli interventi con tecnologie diverse sono esclusivi, per l'intervento con FRP è prevista la possibilità di attivare separatamente il rinforzo FRP V per taglio e duttilità (*) e quello FRP F per capacità flessionale (**). (*) incremento di duttilità considerato solo nelle verifiche con $q=1$. (**) incremento di capacità considerato solo nelle verifiche con $q>1$ |
| sez a-o | Sezione del pilastro ante-operam | |
| sez p-o | Sezione del pilastro post-operam | Differente se l'intervento consiste in C8.7.4.2.1 INCAMICIATURA IN C.A. |
| Cont. fless. | Armature longitudinali o angolari opportunamente ancorati alla base e in sommità | Per la camicia in c.a. e acciaio è possibile considerare la continuità del rinforzo interpianto e in questo caso l'incremento di capacità flessionale |
| rinf. CAM | Nome nell'archivio o riferimento al prodotto commerciale | In applicazione del C8.7.4.2.2 INCAMICIATURA IN ACCIAIO |
| rinf. FRP V | Nome nell'archivio o riferimento al prodotto commerciale | In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI |
| rinf. FRP F | Nome nell'archivio o riferimento al prodotto commerciale | In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI |
| li V, lc V, lf V | Suddivisione in tre tratti per l'applicazione dei rinforzi CAM o FRP V (per taglio) | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |
| li F, lc F, lf F | Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F (per flessione) | Come sopra |

| Titolo colonna | Descrizione | Nota |
|------------------|--|---|
| Trave | Trave di interesse | |
| sez a-o | Sezione della trave ante-operam | |
| sez p-o | Sezione della trave post-operam | Differente se l'intervento consiste in C8A.7.1 INCAMICIATURA IN C.A. |
| Cont. fless. | Armature longitudinali o angolari opportunamente ancorati alle estremità | Per la camicia in c.a. e acciaio è possibile considerare la continuità del rinforzo e in questo caso l'incremento di capacità flessionale |
| rinf. CAM | Nome nell'archivio o riferimento al prodotto commerciale | In applicazione del C8.7.4.2.2 INCAMICIATURA IN ACCIAIO |
| li V, lc V, lf V | Suddivisione in tre tratti per | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti |

| | | |
|--|---------------------------------|---|
| | l'applicazione dei rinforzi CAM | i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |
|--|---------------------------------|---|

| Titolo colonna | Descrizione | Nota |
|------------------|--|---|
| Trave | Trave di interesse | Per l'intervento con FRP è prevista la possibilità di attivare separatamente il rinforzo FRP V per taglio e duttilità (*) e quello FRP F per capacità flessionale (**). (*) incremento di duttilità considerato solo nelle verifiche con $q=1$. (**) incremento di capacità considerato solo nelle verifiche con $q>1$ |
| rinf. FRP V | Nome nell'archivio o riferimento al prodotto commerciale | In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI |
| rinf. FRP F | Nome nell'archivio o riferimento al prodotto commerciale | In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI |
| li V, lc V, lf V | Suddivisione in tre tratti per l'applicazione del rinforzo FRP V | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |
| B sup | Larghezza di applicazione del rinforzo FRP F superiore | |
| li F, lc F, lf F | Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F superiore | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |
| B inf | Larghezza di applicazione del rinforzo FRP F inferiore | |
| li F, lc F, lf F | Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F inferiore | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |

| Titolo colonna | Descrizione | Nota |
|---------------------|--|---|
| Trave | Trave di interesse | Per l'intervento con BETON PLAQUE è prevista la possibilità di attivare separatamente il rinforzo per taglio da quello per flessione(*). (*) incremento di capacità considerato solo nelle verifiche con $q=1$ |
| f _{yk} plt | Tensione caratteristica di snervamento per le piastre di rinforzo | |
| Spess. | Spessore del rinforzo applicato per il taglio | Il rinforzo si considera adeguatamente ancorato sui due lati dell'anima della trave |
| li V, lc V, lf V | Suddivisione in tre tratti per l'applicazione del rinforzo a taglio | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |
| A sup | Area complessiva della piastra applicata all'estradosso | |
| li F, lc F, lf F | Suddivisione in tre tratti per l'applicazione del rinforzo superiore | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |
| A inf | Area complessiva della piastra applicata all'intradosso | |
| li F, lc F, lf F | Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F inferiore | Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza |

C8A (APPENDICE AL CAPITOLO C8) - MATERIALI DI RINFORZO UTILIZZATI

PILASTRI: C8A.7.1 INCAMICIATURA IN C.A. - C8A.7.2 INCAMICIATURA IN ACCIAIO - C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI

| Pilas. | sez a-o | sez p-o | Cont. fless. | rinf. CAM | rinf. FRP V | rinf. FRP F | li V | lc V | lf V | li F | lc F | lf F |
|--------|---------|---------|--------------|-----------|-------------|-------------|------|------|------|------|------|------|
| | | | | | | | cm | cm | cm | cm | cm | cm |
| 1 | 1 | 5 | NO | | | | | | | | | |
| 2 | 1 | 5 | NO | | | | | | | | | |
| 3 | 1 | 5 | NO | | | | | | | | | |
| 4 | 1 | 5 | NO | | | | | | | | | |

TRAVI: C8A.7.1 INCAMICIATURA IN C.A. - C8A.7.2 INCAMICIATURA IN ACCIAIO

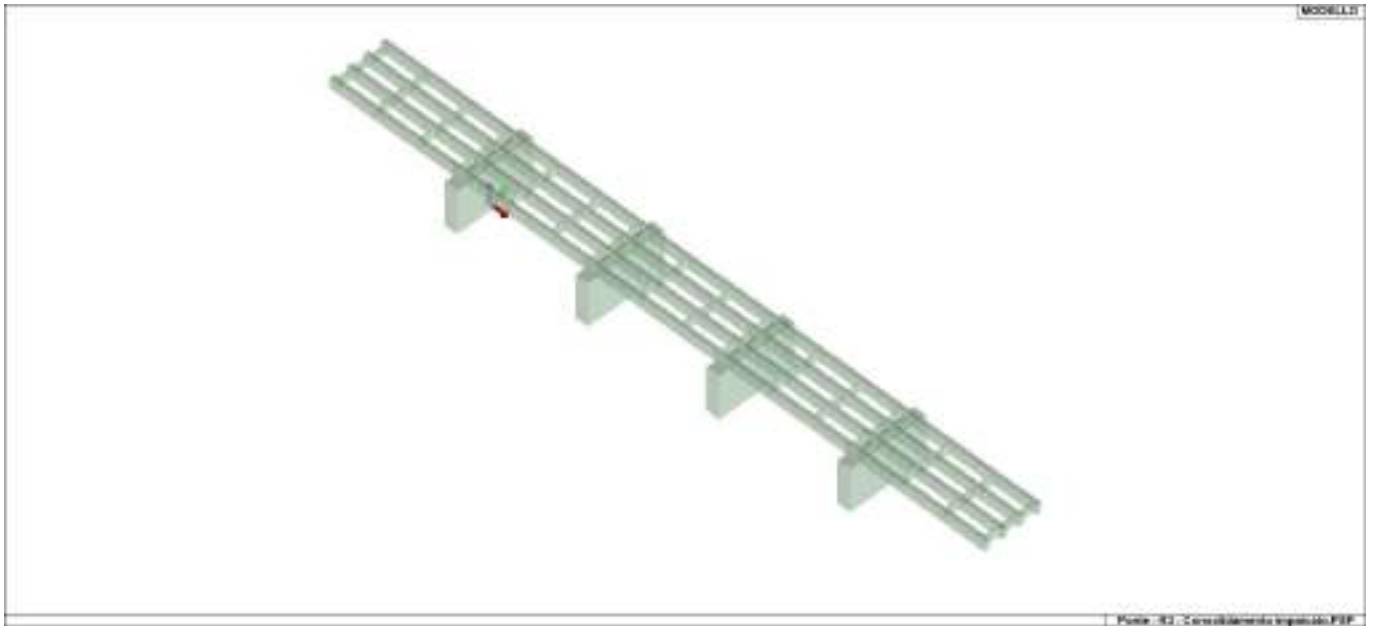
| Trave | sez a-o | sez p-o | Cont. fless. | rinf. CAM | li V | lc V | lf V |
|-------|---------|---------|--------------|-----------|------|------|------|
| | | | | | cm | cm | cm |
| 5 | 4 | 4 | SI | | | | |
| 6 | 4 | 4 | SI | | | | |
| 7 | 4 | 4 | SI | | | | |
| 8 | 4 | 4 | SI | | | | |

| Trave | sez a-o | sez p-o | Cont. fless. | rinf. CAM | li V | lc V | lf V |
|-------|---------|---------|--------------|-----------|------|------|------|
| 9 | 4 | 4 | SI | | | | |
| 10 | 4 | 4 | SI | | | | |
| 11 | 4 | 4 | SI | | | | |
| 12 | 4 | 4 | SI | | | | |
| 13 | 4 | 4 | SI | | | | |
| 14 | 4 | 4 | SI | | | | |
| 15 | 4 | 4 | SI | | | | |
| 16 | 4 | 4 | SI | | | | |
| 17 | 4 | 4 | SI | | | | |
| 18 | 4 | 4 | SI | | | | |
| 19 | 4 | 4 | SI | | | | |
| 20 | 4 | 4 | SI | | | | |
| 21 | 4 | 4 | SI | | | | |
| 22 | 4 | 4 | SI | | | | |
| 23 | 4 | 4 | SI | | | | |
| 24 | 4 | 4 | SI | | | | |
| 67 | 4 | 4 | SI | | | | |
| 68 | 4 | 4 | SI | | | | |
| 69 | 4 | 4 | SI | | | | |
| 70 | 4 | 4 | SI | | | | |
| 87 | 4 | 4 | SI | | | | |
| 88 | 4 | 4 | SI | | | | |
| 89 | 4 | 4 | SI | | | | |
| 90 | 4 | 4 | SI | | | | |
| 91 | 4 | 4 | SI | | | | |
| 92 | 4 | 4 | SI | | | | |
| 93 | 4 | 4 | SI | | | | |
| 94 | 4 | 4 | SI | | | | |
| 95 | 4 | 4 | SI | | | | |
| 96 | 4 | 4 | SI | | | | |
| 97 | 4 | 4 | SI | | | | |
| 98 | 4 | 4 | SI | | | | |
| 147 | 4 | 4 | SI | | | | |
| 148 | 4 | 4 | SI | | | | |
| 149 | 4 | 4 | SI | | | | |
| 150 | 4 | 4 | SI | | | | |
| 151 | 4 | 4 | SI | | | | |
| 152 | 4 | 4 | SI | | | | |
| 153 | 4 | 4 | SI | | | | |
| 154 | 4 | 4 | SI | | | | |
| 155 | 4 | 4 | SI | | | | |
| 156 | 4 | 4 | SI | | | | |
| 157 | 4 | 4 | SI | | | | |
| 158 | 4 | 4 | SI | | | | |
| 159 | 4 | 4 | SI | | | | |
| 160 | 4 | 4 | SI | | | | |
| 161 | 4 | 4 | SI | | | | |
| 162 | 4 | 4 | SI | | | | |
| 163 | 4 | 4 | SI | | | | |
| 164 | 4 | 4 | SI | | | | |
| 165 | 4 | 4 | SI | | | | |
| 166 | 4 | 4 | SI | | | | |
| 167 | 4 | 4 | SI | | | | |
| 168 | 4 | 4 | SI | | | | |
| 169 | 4 | 4 | SI | | | | |
| 170 | 4 | 4 | SI | | | | |
| 205 | 4 | 4 | SI | | | | |
| 206 | 4 | 4 | SI | | | | |
| 207 | 4 | 4 | SI | | | | |
| 208 | 4 | 4 | SI | | | | |
| 209 | 4 | 4 | SI | | | | |
| 210 | 4 | 4 | SI | | | | |
| 211 | 4 | 4 | SI | | | | |
| 212 | 4 | 4 | SI | | | | |
| 213 | 4 | 4 | SI | | | | |
| 214 | 4 | 4 | SI | | | | |
| 215 | 4 | 4 | SI | | | | |
| 216 | 4 | 4 | SI | | | | |
| 217 | 4 | 4 | SI | | | | |
| 218 | 4 | 4 | SI | | | | |
| 219 | 4 | 4 | SI | | | | |
| 220 | 4 | 4 | SI | | | | |
| 221 | 4 | 4 | SI | | | | |
| 222 | 4 | 4 | SI | | | | |

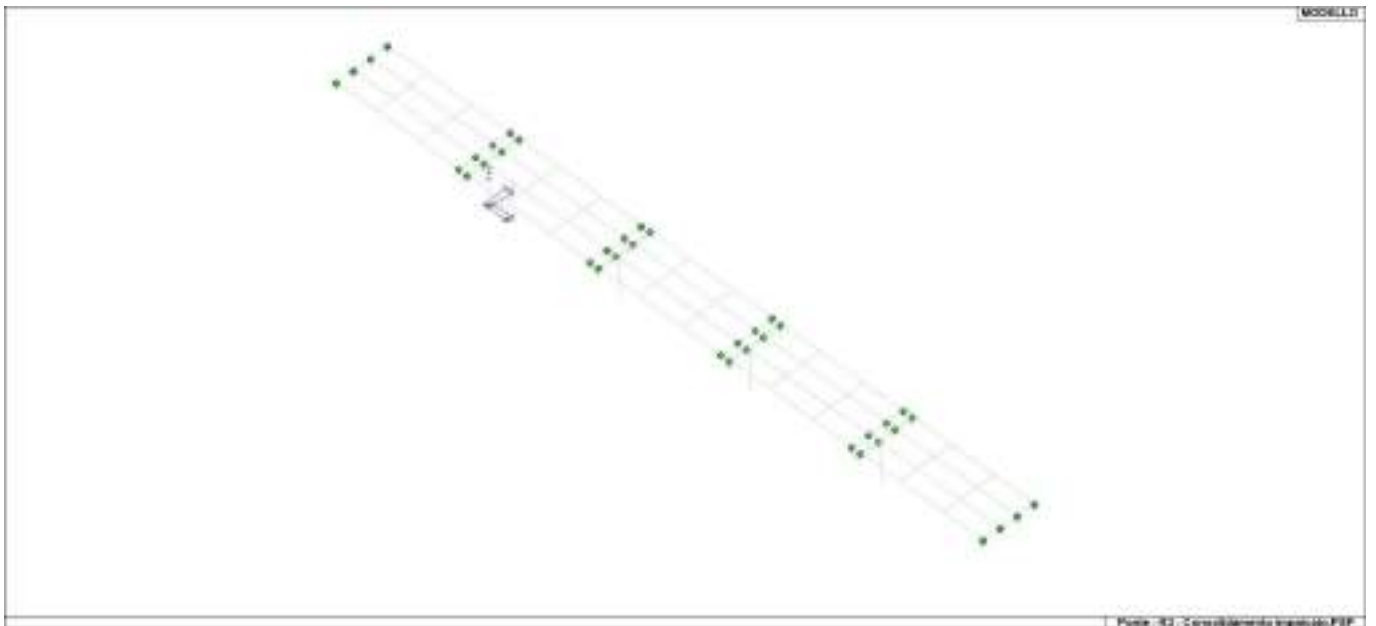
| Trave | sez a-o | sez p-o | Cont. fless. | rinf. CAM | li V | lc V | If V |
|-------|---------|---------|--------------|-----------|------|------|------|
| 223 | 4 | 4 | SI | | | | |
| 224 | 4 | 4 | SI | | | | |
| 225 | 4 | 4 | SI | | | | |
| 226 | 4 | 4 | SI | | | | |
| 227 | 4 | 4 | SI | | | | |
| 228 | 4 | 4 | SI | | | | |
| 229 | 4 | 4 | SI | | | | |
| 230 | 4 | 4 | SI | | | | |
| 231 | 4 | 4 | SI | | | | |
| 232 | 4 | 4 | SI | | | | |
| 233 | 4 | 4 | SI | | | | |
| 234 | 4 | 4 | SI | | | | |
| 235 | 4 | 4 | SI | | | | |
| 236 | 4 | 4 | SI | | | | |
| 237 | 4 | 4 | SI | | | | |
| 238 | 4 | 4 | SI | | | | |
| 239 | 4 | 4 | SI | | | | |
| 240 | 4 | 4 | SI | | | | |
| 241 | 4 | 4 | SI | | | | |
| 242 | 4 | 4 | SI | | | | |
| 243 | 4 | 4 | SI | | | | |
| 244 | 4 | 4 | SI | | | | |
| 245 | 4 | 4 | SI | | | | |
| 246 | 4 | 4 | SI | | | | |
| 247 | 4 | 4 | SI | | | | |
| 248 | 4 | 4 | SI | | | | |
| 249 | 4 | 4 | SI | | | | |
| 250 | 4 | 4 | SI | | | | |
| 251 | 4 | 4 | SI | | | | |
| 252 | 4 | 4 | SI | | | | |
| 253 | 4 | 4 | SI | | | | |
| 254 | 4 | 4 | SI | | | | |
| 255 | 4 | 4 | SI | | | | |
| 256 | 4 | 4 | SI | | | | |
| 257 | 4 | 4 | SI | | | | |
| 258 | 4 | 4 | SI | | | | |
| 259 | 4 | 4 | SI | | | | |
| 260 | 4 | 4 | SI | | | | |
| 261 | 4 | 4 | SI | | | | |
| 262 | 4 | 4 | SI | | | | |
| 263 | 4 | 4 | SI | | | | |
| 264 | 4 | 4 | SI | | | | |
| 265 | 4 | 4 | SI | | | | |
| 266 | 4 | 4 | SI | | | | |
| 267 | 4 | 4 | SI | | | | |
| 268 | 4 | 4 | SI | | | | |
| 269 | 4 | 4 | SI | | | | |
| 270 | 4 | 4 | SI | | | | |
| 271 | 4 | 4 | SI | | | | |
| 272 | 4 | 4 | SI | | | | |
| 273 | 4 | 4 | SI | | | | |
| 274 | 4 | 4 | SI | | | | |
| 275 | 4 | 4 | SI | | | | |
| 276 | 4 | 4 | SI | | | | |
| 277 | 4 | 4 | SI | | | | |
| 278 | 4 | 4 | SI | | | | |
| 279 | 4 | 4 | SI | | | | |
| 280 | 4 | 4 | SI | | | | |
| 281 | 4 | 4 | SI | | | | |
| 282 | 4 | 4 | SI | | | | |
| 283 | 4 | 4 | SI | | | | |
| 284 | 4 | 4 | SI | | | | |
| 285 | 4 | 4 | SI | | | | |
| 286 | 4 | 4 | SI | | | | |
| 287 | 4 | 4 | SI | | | | |
| 288 | 4 | 4 | SI | | | | |
| 289 | 4 | 4 | SI | | | | |
| 290 | 4 | 4 | SI | | | | |
| 291 | 4 | 4 | SI | | | | |
| 292 | 4 | 4 | SI | | | | |
| 293 | 4 | 4 | SI | | | | |
| 294 | 4 | 4 | SI | | | | |
| 295 | 4 | 4 | SI | | | | |
| 296 | 4 | 4 | SI | | | | |

| Trave | sez a-o | sez p-o | Cont. fless. | rinf. CAM | li V | lc V | If V |
|-------|---------|---------|--------------|-----------|------|------|------|
| 297 | 4 | 4 | SI | | | | |
| 298 | 4 | 4 | SI | | | | |
| 299 | 4 | 4 | SI | | | | |
| 300 | 4 | 4 | SI | | | | |
| 301 | 4 | 4 | SI | | | | |
| 302 | 4 | 4 | SI | | | | |
| 303 | 4 | 4 | SI | | | | |
| 304 | 4 | 4 | SI | | | | |
| 305 | 4 | 4 | SI | | | | |
| 306 | 4 | 4 | SI | | | | |
| 307 | 4 | 4 | SI | | | | |
| 308 | 4 | 4 | SI | | | | |
| 309 | 4 | 4 | SI | | | | |
| 310 | 4 | 4 | SI | | | | |
| 311 | 4 | 4 | SI | | | | |
| 312 | 4 | 4 | SI | | | | |
| 313 | 4 | 4 | SI | | | | |
| 314 | 4 | 4 | SI | | | | |
| 315 | 4 | 4 | SI | | | | |
| 316 | 4 | 4 | SI | | | | |
| 317 | 4 | 4 | SI | | | | |
| 318 | 4 | 4 | SI | | | | |
| 319 | 4 | 4 | SI | | | | |
| 320 | 4 | 4 | SI | | | | |
| 321 | 4 | 4 | SI | | | | |
| 322 | 4 | 4 | SI | | | | |
| 323 | 4 | 4 | SI | | | | |
| 324 | 4 | 4 | SI | | | | |
| 325 | 4 | 4 | SI | | | | |
| 326 | 4 | 4 | SI | | | | |
| 327 | 4 | 4 | SI | | | | |
| 328 | 4 | 4 | SI | | | | |
| 329 | 4 | 4 | SI | | | | |
| 330 | 4 | 4 | SI | | | | |
| 331 | 4 | 4 | SI | | | | |
| 332 | 4 | 4 | SI | | | | |
| 333 | 4 | 4 | SI | | | | |
| 334 | 4 | 4 | SI | | | | |
| 335 | 4 | 4 | SI | | | | |
| 336 | 4 | 4 | SI | | | | |
| 337 | 4 | 4 | SI | | | | |
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| 339 | 4 | 4 | SI | | | | |
| 340 | 4 | 4 | SI | | | | |
| 341 | 4 | 4 | SI | | | | |
| 342 | 4 | 4 | SI | | | | |
| 343 | 4 | 4 | SI | | | | |
| 344 | 4 | 4 | SI | | | | |
| 345 | 4 | 4 | SI | | | | |
| 346 | 4 | 4 | SI | | | | |
| 347 | 4 | 4 | SI | | | | |
| 348 | 4 | 4 | SI | | | | |
| 349 | 4 | 4 | SI | | | | |
| 350 | 4 | 4 | SI | | | | |
| 351 | 4 | 4 | SI | | | | |
| 352 | 4 | 4 | SI | | | | |
| 353 | 4 | 4 | SI | | | | |
| 354 | 4 | 4 | SI | | | | |
| 355 | 4 | 4 | SI | | | | |
| 356 | 4 | 4 | SI | | | | |
| 357 | 4 | 4 | SI | | | | |
| 358 | 4 | 4 | SI | | | | |
| 359 | 4 | 4 | SI | | | | |
| 360 | 4 | 4 | SI | | | | |
| 361 | 4 | 4 | SI | | | | |
| 362 | 4 | 4 | SI | | | | |
| 363 | 4 | 4 | SI | | | | |
| 364 | 4 | 4 | SI | | | | |
| 365 | 4 | 4 | SI | | | | |
| 366 | 4 | 4 | SI | | | | |
| 367 | 4 | 4 | SI | | | | |
| 368 | 4 | 4 | SI | | | | |
| 369 | 4 | 4 | SI | | | | |
| 370 | 4 | 4 | SI | | | | |

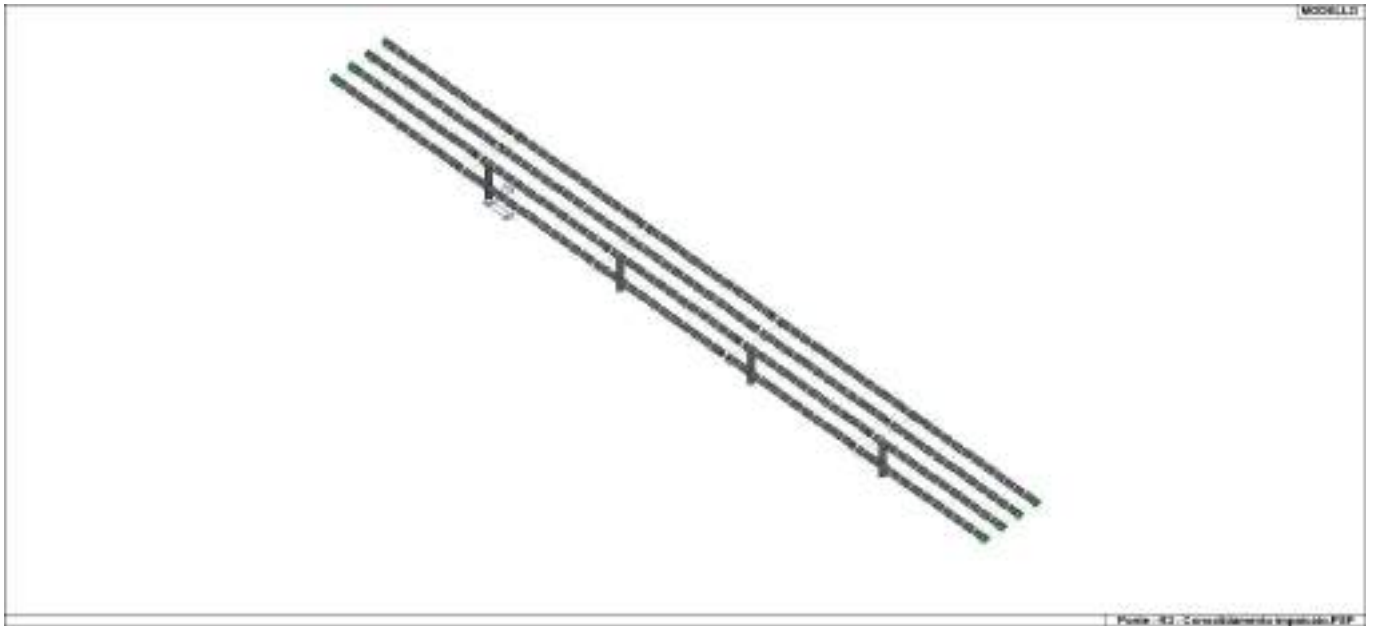
| Trave | sez a-o | sez p-o | Cont. fless. | rinf. CAM | li V | lc V | lf V |
|-------|---------|---------|--------------|-----------|------|------|------|
| 371 | 4 | 4 | SI | | | | |
| 372 | 4 | 4 | SI | | | | |
| 373 | 4 | 4 | SI | | | | |
| 374 | 4 | 4 | SI | | | | |
| 375 | 4 | 4 | SI | | | | |
| 376 | 4 | 4 | SI | | | | |
| 377 | 4 | 4 | SI | | | | |
| 378 | 4 | 4 | SI | | | | |
| 379 | 4 | 4 | SI | | | | |
| 380 | 4 | 4 | SI | | | | |
| 381 | 4 | 4 | SI | | | | |
| 382 | 4 | 4 | SI | | | | |
| 383 | 4 | 4 | SI | | | | |
| 384 | 4 | 4 | SI | | | | |
| 385 | 4 | 4 | SI | | | | |
| 386 | 4 | 4 | SI | | | | |
| 387 | 4 | 4 | SI | | | | |
| 388 | 4 | 4 | SI | | | | |
| 389 | 4 | 4 | SI | | | | |
| 390 | 4 | 4 | SI | | | | |
| 391 | 4 | 4 | SI | | | | |
| 392 | 4 | 4 | SI | | | | |
| 393 | 4 | 4 | SI | | | | |
| 394 | 4 | 4 | SI | | | | |
| 395 | 4 | 4 | SI | | | | |
| 396 | 4 | 4 | SI | | | | |
| 397 | 4 | 4 | SI | | | | |
| 398 | 4 | 4 | SI | | | | |
| 399 | 4 | 4 | SI | | | | |
| 400 | 4 | 4 | SI | | | | |
| 401 | 4 | 4 | SI | | | | |
| 402 | 4 | 4 | SI | | | | |
| 403 | 4 | 4 | SI | | | | |
| 404 | 4 | 4 | SI | | | | |
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| 406 | 4 | 4 | SI | | | | |
| 407 | 4 | 4 | SI | | | | |
| 408 | 4 | 4 | SI | | | | |
| 409 | 4 | 4 | SI | | | | |
| 410 | 4 | 4 | SI | | | | |
| 411 | 4 | 4 | SI | | | | |
| 412 | 4 | 4 | SI | | | | |
| 413 | 4 | 4 | SI | | | | |
| 414 | 4 | 4 | SI | | | | |
| 415 | 4 | 4 | SI | | | | |
| 416 | 4 | 4 | SI | | | | |
| 417 | 4 | 4 | SI | | | | |
| 418 | 4 | 4 | SI | | | | |
| 419 | 4 | 4 | SI | | | | |
| 420 | 4 | 4 | SI | | | | |
| 421 | 4 | 4 | SI | | | | |
| 422 | 4 | 4 | SI | | | | |
| 423 | 4 | 4 | SI | | | | |
| 424 | 4 | 4 | SI | | | | |



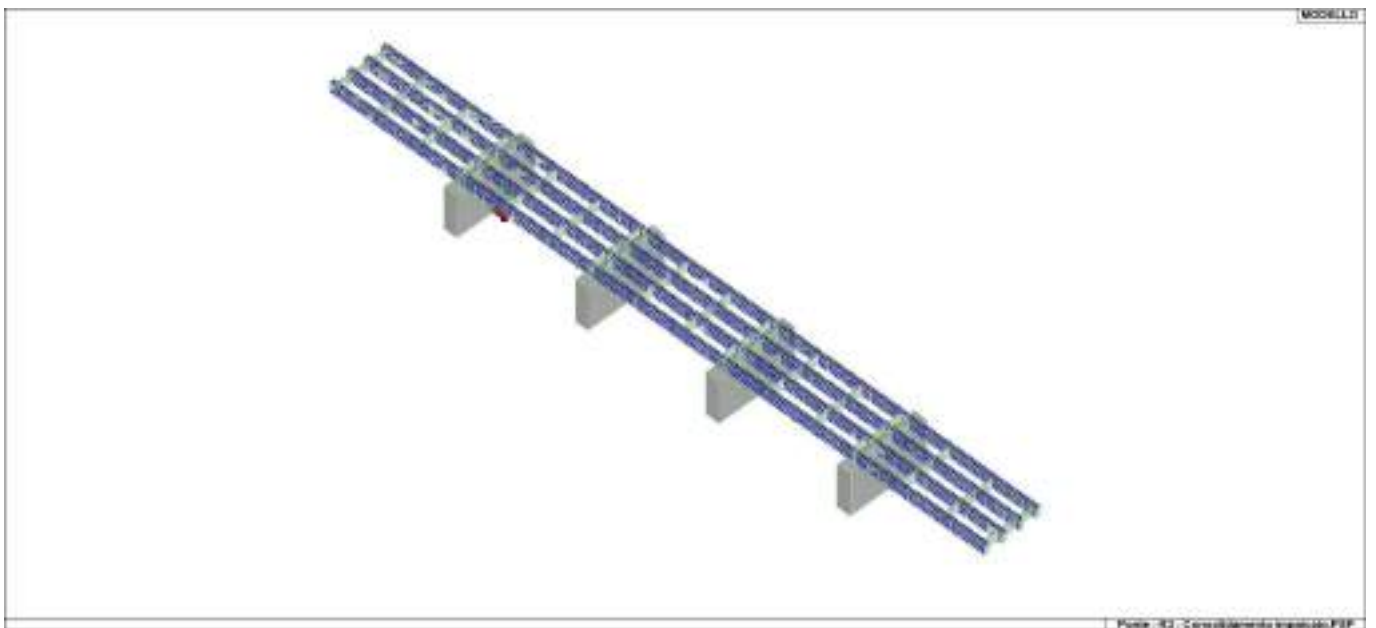
12_MOD_RINFORZI_D2_AO



12_MOD_RINFORZI_D2_FILO_AO



12_MOD_RINFORZI_D2_FILO_PO



12_MOD_RINFORZI_D2_PO

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1. sezione di tipo generico
2. profilati semplici
3. profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

| | |
|--------------|---|
| Area | area della sezione |
| A V2 | area della sezione/fattore di taglio (per il taglio in direzione 2) |
| A V3 | area della sezione/fattore di taglio (per il taglio in direzione 3) |
| Jt | fattore torsionale di rigidezza |
| J2-2 | momento d'inerzia della sezione riferito all'asse 2 |
| J3-3 | momento d'inerzia della sezione riferito all'asse 3 |
| W2-2 | modulo di resistenza della sezione riferito all'asse 2 |
| W3-3 | modulo di resistenza della sezione riferito all'asse 3 |
| Wp2-2 | modulo di resistenza plastico della sezione riferito all'asse 2 |
| Wp3-3 | modulo di resistenza plastico della sezione riferito all'asse 3 |

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

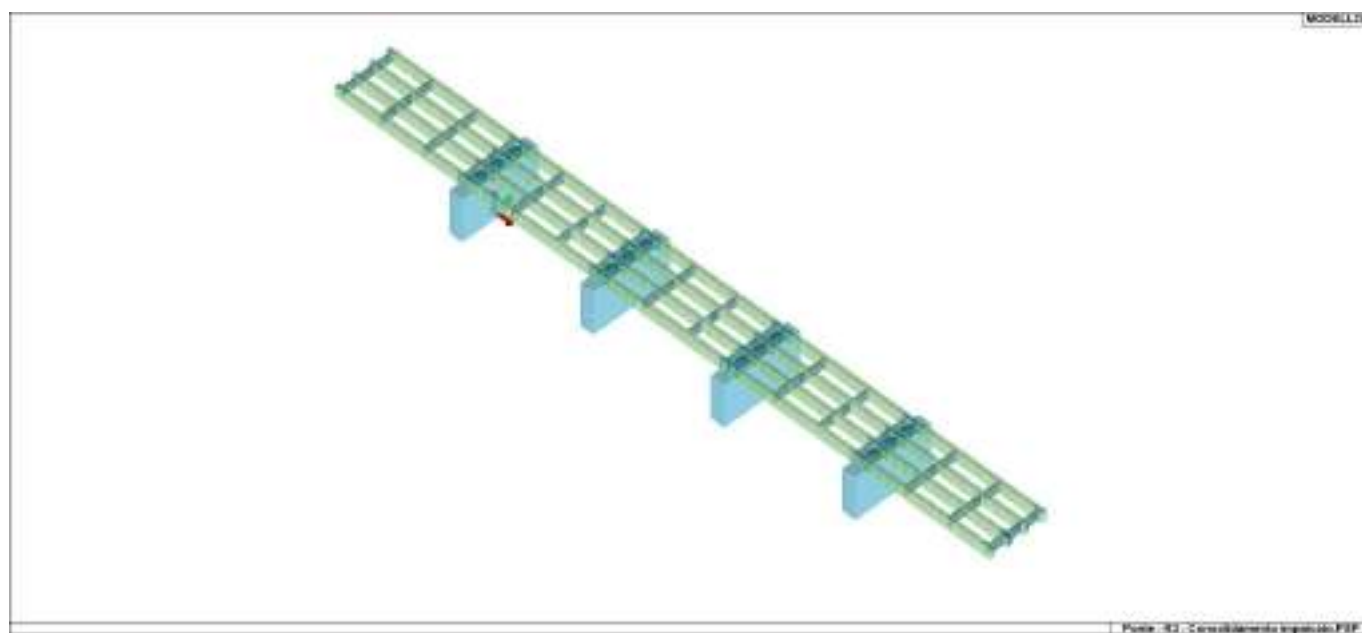
| | | | | | |
|-------------------------|--------------|--------------|--------------|----------------------|----------------|
| | | | | | |
| rettangolare | a T | a T rovescia | a T di colmo | a L | a L specchiata |
| | | | | | |
| a L specchiata rovescia | a L rovescia | a L di colmo | a doppio T | a quattro specchiata | a quattro |
| | | | | | |
| a U | a C | a croce | circolare | rettangolare cava | circolare cava |

Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilati.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

| Id | Tipo | Area | A V2 | A V3 | Jt | J 2-2 | J 3-3 | W 2-2 | W 3-3 | Wp 2-2 | Wp 3-3 |
|----|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 | TRAVI- Rettangolare: b=30 h=80 | 2400.00 | 2000.00 | 2000.00 | 5.499e+05 | 1.800e+05 | 1.280e+06 | 1.200e+04 | 3.200e+04 | 1.800e+04 | 4.800e+04 |
| 3 | TRAVERSI- Rettangolare: b=15 h=80 | 1200.00 | 1000.00 | 1000.00 | 7.937e+04 | 2.250e+04 | 6.400e+05 | 3000.00 | 1.600e+04 | 4500.00 | 2.400e+04 |
| 4 | TRAVI RINFORZATE- Rettangolare: b=45 h=87.5 | 3937.50 | 3281.25 | 3281.25 | 1.797e+06 | 6.645e+05 | 2.512e+06 | 2.953e+04 | 5.742e+04 | 4.430e+04 | 8.613e+04 |
| 5 | PILE-rinforzo- | 8.520e+04 | 7.100e+04 | 7.100e+04 | 3.654e+08 | 3.579e+09 | 1.022e+08 | 1.008e+07 | 1.704e+06 | 1.512e+07 | 2.556e+06 |

| Id | Tipo | Area | A V2 | A V3 | Jt | J 2-2 | J 3-3 | W 2-2 | W 3-3 | Wp 2-2 | Wp 3-3 |
|----|------------------------------|------|------|------|----|-------|-------|-------|-------|--------|--------|
| | Rettangolare: b=710 h=120 | | | | | | | | | | |



13_MOD_SEZIONI

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.

Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).

Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

| | |
|-------------|---------------------------|
| Nodo | numero del nodo. |
| X | valore della coordinata X |
| Y | valore della coordinata Y |
| Z | valore della coordinata Z |

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

| | |
|----------------|---|
| Nodo | numero del nodo. |
| X | valore della coordinata X |
| Y | valore della coordinata Y |
| Z | valore della coordinata Z |
| Note | eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero). |
| Note | (FS = 1, 2,...) eventuale codice del tipo di fondazione speciale (1, 2,... fanno riferimento alle tipologie: plinto, palo, plinto su pali,...) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo |
| Rig. TX | valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ). |

TABELLA DATI NODI

| Nodo | X | Y | Z | Nodo | X | Y | Z | Nodo | X | Y | Z |
|------|---------|--------|-------|------|---------|--------|-------|------|---------|--------|-------|
| | cm | cm | cm | | cm | cm | cm | | cm | cm | cm |
| 2 | 4083.3 | -80.0 | 475.0 | 4 | 4491.7 | -80.0 | 475.0 | 6 | 4083.3 | -240.0 | 475.0 |
| 8 | 4491.7 | -240.0 | 475.0 | 9 | -40.0 | -240.0 | 475.0 | 10 | -40.0 | -80.0 | 475.0 |
| 11 | -40.0 | 80.0 | 475.0 | 12 | -40.0 | 240.0 | 475.0 | 13 | 1185.0 | -240.0 | 475.0 |
| 14 | 1185.0 | -80.0 | 475.0 | 15 | 1185.0 | 80.0 | 475.0 | 16 | 1185.0 | 240.0 | 475.0 |
| 17 | 2410.0 | -240.0 | 475.0 | 18 | 2410.0 | -80.0 | 475.0 | 19 | 2410.0 | 80.0 | 475.0 |
| 20 | 2410.0 | 240.0 | 475.0 | 21 | 3635.0 | -240.0 | 475.0 | 22 | 3635.0 | -80.0 | 475.0 |
| 23 | 3635.0 | 80.0 | 475.0 | 24 | 3635.0 | 240.0 | 475.0 | 25 | -1225.0 | -240.0 | 475.0 |
| 26 | -1225.0 | -80.0 | 475.0 | 27 | -1225.0 | 80.0 | 475.0 | 28 | -1225.0 | 240.0 | 475.0 |
| 29 | 4900.0 | -240.0 | 475.0 | 30 | 4900.0 | -80.0 | 475.0 | 31 | 4900.0 | 80.0 | 475.0 |
| 32 | 4900.0 | 240.0 | 475.0 | 33 | -816.7 | 240.0 | 475.0 | 34 | -408.3 | 240.0 | 475.0 |
| 35 | -816.7 | 80.0 | 475.0 | 36 | -408.3 | 80.0 | 475.0 | 37 | -816.7 | -80.0 | 475.0 |
| 38 | -408.3 | -80.0 | 475.0 | 39 | -816.7 | -240.0 | 475.0 | 40 | -408.3 | -240.0 | 475.0 |
| 41 | 408.3 | -240.0 | 475.0 | 42 | 816.7 | -240.0 | 475.0 | 43 | 408.3 | -80.0 | 475.0 |
| 44 | 816.7 | -80.0 | 475.0 | 45 | 408.3 | 80.0 | 475.0 | 46 | 816.7 | 80.0 | 475.0 |
| 47 | 408.3 | 240.0 | 475.0 | 48 | 816.7 | 240.0 | 475.0 | 49 | 1633.3 | 240.0 | 475.0 |
| 50 | 2041.7 | 240.0 | 475.0 | 51 | 1633.3 | 80.0 | 475.0 | 52 | 2041.7 | 80.0 | 475.0 |
| 53 | 1633.3 | -80.0 | 475.0 | 54 | 2041.7 | -80.0 | 475.0 | 55 | 1633.3 | -240.0 | 475.0 |
| 56 | 2041.7 | -240.0 | 475.0 | 57 | 2858.3 | -240.0 | 475.0 | 58 | 3266.7 | -240.0 | 475.0 |
| 59 | 2858.3 | -80.0 | 475.0 | 60 | 3266.7 | -80.0 | 475.0 | 61 | 2858.3 | 80.0 | 475.0 |
| 62 | 3266.7 | 80.0 | 475.0 | 63 | 2858.3 | 240.0 | 475.0 | 64 | 3266.7 | 240.0 | 475.0 |
| 65 | 4083.3 | 240.0 | 475.0 | 66 | 4491.7 | 240.0 | 475.0 | 67 | 4083.3 | 80.0 | 475.0 |
| 68 | 4491.7 | 80.0 | 475.0 | 69 | 3675.0 | 0.0 | 395.0 | 70 | 0.0 | 0.0 | 395.0 |
| 71 | 1225.0 | 0.0 | 395.0 | 72 | 2450.0 | 0.0 | 395.0 | 73 | 40.0 | -240.0 | 475.0 |
| 74 | 3715.0 | -80.0 | 475.0 | 75 | -40.0 | -240.0 | 395.0 | 76 | 40.0 | -240.0 | 395.0 |
| 77 | 0.0 | -240.0 | 395.0 | 78 | 40.0 | -80.0 | 475.0 | 79 | 3715.0 | 240.0 | 395.0 |
| 80 | -40.0 | -80.0 | 395.0 | 81 | 40.0 | -80.0 | 395.0 | 82 | 0.0 | -80.0 | 395.0 |
| 83 | 40.0 | 80.0 | 475.0 | 84 | 3635.0 | -80.0 | 395.0 | 85 | -40.0 | 80.0 | 395.0 |
| 86 | 40.0 | 80.0 | 395.0 | 87 | 0.0 | 80.0 | 395.0 | 88 | 40.0 | 240.0 | 475.0 |
| 89 | 3715.0 | -80.0 | 395.0 | 90 | -40.0 | 240.0 | 395.0 | 91 | 40.0 | 240.0 | 395.0 |
| 92 | 0.0 | 240.0 | 395.0 | 93 | 1265.0 | -240.0 | 475.0 | 94 | 3675.0 | -80.0 | 395.0 |
| 95 | 1185.0 | -240.0 | 395.0 | 96 | 1265.0 | -240.0 | 395.0 | 97 | 1225.0 | -240.0 | 395.0 |
| 98 | 1265.0 | -80.0 | 475.0 | 99 | 3715.0 | 80.0 | 475.0 | 100 | 1185.0 | -80.0 | 395.0 |
| 101 | 1265.0 | -80.0 | 395.0 | 102 | 1225.0 | -80.0 | 395.0 | 103 | 1265.0 | 80.0 | 475.0 |
| 104 | 3675.0 | 240.0 | 395.0 | 105 | 1185.0 | 80.0 | 395.0 | 106 | 1265.0 | 80.0 | 395.0 |
| 107 | 1225.0 | 80.0 | 395.0 | 108 | 1265.0 | 240.0 | 475.0 | 109 | 3635.0 | 80.0 | 395.0 |
| 110 | 1185.0 | 240.0 | 395.0 | 111 | 1265.0 | 240.0 | 395.0 | 112 | 1225.0 | 240.0 | 395.0 |
| 113 | 2490.0 | -240.0 | 475.0 | 114 | 3715.0 | 80.0 | 395.0 | 115 | 2410.0 | -240.0 | 395.0 |
| 116 | 2490.0 | -240.0 | 395.0 | 117 | 2450.0 | -240.0 | 395.0 | 118 | 2490.0 | -80.0 | 475.0 |
| 119 | 3675.0 | 80.0 | 395.0 | 120 | 2410.0 | -80.0 | 395.0 | 121 | 2490.0 | -80.0 | 395.0 |

| | | | | | | | | | | | |
|-----|---------|--------|-------|-----|---------|--------|-------|-----|---------|--------|-------|
| 122 | 2450.0 | -80.0 | 395.0 | 123 | 2490.0 | 80.0 | 475.0 | 124 | 3715.0 | 240.0 | 475.0 |
| 125 | 2410.0 | 80.0 | 395.0 | 126 | 2490.0 | 80.0 | 395.0 | 127 | 2450.0 | 80.0 | 395.0 |
| 128 | 2490.0 | 240.0 | 475.0 | 129 | 3675.0 | -240.0 | 395.0 | 130 | 2410.0 | 240.0 | 395.0 |
| 131 | 2490.0 | 240.0 | 395.0 | 132 | 2450.0 | 240.0 | 395.0 | 133 | 3715.0 | -240.0 | 475.0 |
| 134 | 3635.0 | 240.0 | 395.0 | 135 | 3635.0 | -240.0 | 395.0 | 136 | 3715.0 | -240.0 | 395.0 |
| 137 | 1000.8 | 240.0 | 475.0 | 138 | 1000.8 | 80.0 | 475.0 | 139 | 1000.8 | -80.0 | 475.0 |
| 140 | 1000.8 | -240.0 | 475.0 | 141 | 2225.8 | -240.0 | 475.0 | 142 | 2225.8 | -80.0 | 475.0 |
| 143 | 2225.8 | 80.0 | 475.0 | 144 | 2225.8 | 240.0 | 475.0 | 145 | 3450.8 | 240.0 | 475.0 |
| 146 | 3450.8 | 80.0 | 475.0 | 147 | 3450.8 | -80.0 | 475.0 | 148 | 3450.8 | -240.0 | 475.0 |
| 149 | 3991.3 | 240.0 | 475.0 | 150 | 3991.3 | 80.0 | 475.0 | 151 | 3991.3 | -80.0 | 475.0 |
| 152 | 3991.3 | -240.0 | 475.0 | 153 | 1215.0 | 80.0 | 475.0 | 154 | 1215.0 | -80.0 | 475.0 |
| 155 | 1215.0 | -240.0 | 475.0 | 156 | 1215.0 | -306.0 | 475.0 | 157 | -612.5 | -240.0 | 475.0 |
| 158 | -224.2 | -240.0 | 475.0 | 159 | 612.5 | -240.0 | 475.0 | 160 | 224.2 | -240.0 | 475.0 |
| 161 | -612.5 | -80.0 | 475.0 | 162 | -224.2 | -80.0 | 475.0 | 163 | -612.5 | 80.0 | 475.0 |
| 164 | -224.2 | 80.0 | 475.0 | 165 | -612.5 | 240.0 | 475.0 | 166 | -224.2 | 240.0 | 475.0 |
| 167 | 612.5 | 240.0 | 475.0 | 168 | 224.2 | 240.0 | 475.0 | 169 | 612.5 | 80.0 | 475.0 |
| 170 | 224.2 | 80.0 | 475.0 | 171 | 612.5 | -80.0 | 475.0 | 172 | 224.2 | -80.0 | 475.0 |
| 173 | 1837.5 | -240.0 | 475.0 | 174 | 1837.5 | -80.0 | 475.0 | 175 | 1837.5 | 80.0 | 475.0 |
| 176 | 1837.5 | 240.0 | 475.0 | 177 | 1449.2 | -240.0 | 475.0 | 178 | 1449.2 | -80.0 | 475.0 |
| 179 | 1449.2 | 80.0 | 475.0 | 180 | 1449.2 | 240.0 | 475.0 | 181 | 3062.5 | 240.0 | 475.0 |
| 182 | 3062.5 | 80.0 | 475.0 | 183 | 3062.5 | -80.0 | 475.0 | 184 | 3062.5 | -240.0 | 475.0 |
| 185 | 2674.2 | 240.0 | 475.0 | 186 | 2674.2 | 80.0 | 475.0 | 187 | 2674.2 | -80.0 | 475.0 |
| 188 | 2674.2 | -240.0 | 475.0 | 189 | 4287.5 | 240.0 | 475.0 | 190 | 4287.5 | 80.0 | 475.0 |
| 191 | 4287.5 | -80.0 | 475.0 | 192 | 4287.5 | -240.0 | 475.0 | 193 | 3899.2 | 240.0 | 475.0 |
| 194 | 3899.2 | 80.0 | 475.0 | 195 | 3899.2 | -80.0 | 475.0 | 196 | 3899.2 | -240.0 | 475.0 |
| 197 | 908.8 | 240.0 | 475.0 | 198 | 908.8 | 80.0 | 475.0 | 199 | 908.8 | -80.0 | 475.0 |
| 200 | 908.8 | -240.0 | 475.0 | 201 | 2133.8 | -240.0 | 475.0 | 202 | 2133.8 | -80.0 | 475.0 |
| 203 | 2133.8 | 80.0 | 475.0 | 204 | 2133.8 | 240.0 | 475.0 | 205 | 3358.8 | 240.0 | 475.0 |
| 206 | 3358.8 | 80.0 | 475.0 | 207 | 3358.8 | -80.0 | 475.0 | 208 | 3358.8 | -240.0 | 475.0 |
| 209 | 4389.6 | 240.0 | 475.0 | 210 | 4389.6 | 80.0 | 475.0 | 211 | 4389.6 | -80.0 | 475.0 |
| 212 | 4389.6 | -240.0 | 475.0 | 213 | 4860.0 | 80.0 | 475.0 | 214 | 4860.0 | 240.0 | 475.0 |
| 215 | 4860.0 | -80.0 | 475.0 | 216 | 4860.0 | -240.0 | 475.0 | 217 | -714.6 | -240.0 | 475.0 |
| 218 | -316.3 | -240.0 | 475.0 | 219 | 510.4 | -240.0 | 475.0 | 220 | 132.1 | -240.0 | 475.0 |
| 221 | -714.6 | -80.0 | 475.0 | 222 | -316.3 | -80.0 | 475.0 | 223 | -714.6 | 80.0 | 475.0 |
| 224 | -316.3 | 80.0 | 475.0 | 225 | -714.6 | 240.0 | 475.0 | 226 | -316.3 | 240.0 | 475.0 |
| 227 | 510.4 | 240.0 | 475.0 | 228 | 132.1 | 240.0 | 475.0 | 229 | 510.4 | 80.0 | 475.0 |
| 230 | 132.1 | 80.0 | 475.0 | 231 | 510.4 | -80.0 | 475.0 | 232 | 132.1 | -80.0 | 475.0 |
| 233 | 1735.4 | -240.0 | 475.0 | 234 | 1735.4 | -80.0 | 475.0 | 235 | 1735.4 | 80.0 | 475.0 |
| 236 | 1735.4 | 240.0 | 475.0 | 237 | 1357.1 | -240.0 | 475.0 | 238 | 1357.1 | -80.0 | 475.0 |
| 239 | 1357.1 | 80.0 | 475.0 | 240 | 1357.1 | 240.0 | 475.0 | 241 | 2960.4 | 240.0 | 475.0 |
| 242 | 2960.4 | 80.0 | 475.0 | 243 | 2960.4 | -80.0 | 475.0 | 244 | 2960.4 | -240.0 | 475.0 |
| 245 | 2582.1 | 240.0 | 475.0 | 246 | 2582.1 | 80.0 | 475.0 | 247 | 2582.1 | -80.0 | 475.0 |
| 248 | 2582.1 | -240.0 | 475.0 | 249 | 4185.4 | 240.0 | 475.0 | 250 | 4185.4 | 80.0 | 475.0 |
| 251 | 4185.4 | -80.0 | 475.0 | 252 | 4185.4 | -240.0 | 475.0 | 253 | 3807.1 | 240.0 | 475.0 |
| 254 | 3807.1 | 80.0 | 475.0 | 255 | 3807.1 | -80.0 | 475.0 | 256 | 3807.1 | -240.0 | 475.0 |
| 257 | 1092.9 | 240.0 | 475.0 | 258 | 1092.9 | 80.0 | 475.0 | 259 | 1092.9 | -80.0 | 475.0 |
| 260 | 1092.9 | -240.0 | 475.0 | 261 | 2317.9 | -240.0 | 475.0 | 262 | 2317.9 | -80.0 | 475.0 |
| 263 | 2317.9 | 80.0 | 475.0 | 264 | 2317.9 | 240.0 | 475.0 | 265 | 3542.9 | 240.0 | 475.0 |
| 266 | 3542.9 | 80.0 | 475.0 | 267 | 3542.9 | -80.0 | 475.0 | 268 | 3542.9 | -240.0 | 475.0 |
| 269 | -1185.0 | 80.0 | 475.0 | 270 | -1185.0 | 240.0 | 475.0 | 271 | -1185.0 | -240.0 | 475.0 |
| 272 | -1185.0 | -80.0 | 475.0 | 273 | 4767.9 | 240.0 | 475.0 | 274 | 4767.9 | 80.0 | 475.0 |
| 275 | 4767.9 | -80.0 | 475.0 | 276 | 4767.9 | -240.0 | 475.0 | 277 | -510.4 | -240.0 | 475.0 |
| 278 | -132.1 | -240.0 | 475.0 | 279 | 714.6 | -240.0 | 475.0 | 280 | 316.2 | -240.0 | 475.0 |
| 281 | -510.4 | -80.0 | 475.0 | 282 | -132.1 | -80.0 | 475.0 | 283 | -510.4 | 80.0 | 475.0 |
| 284 | -132.1 | 80.0 | 475.0 | 285 | -510.4 | 240.0 | 475.0 | 286 | -132.1 | 240.0 | 475.0 |
| 287 | 714.6 | 240.0 | 475.0 | 288 | 316.2 | 240.0 | 475.0 | 289 | 714.6 | 80.0 | 475.0 |
| 290 | 316.2 | 80.0 | 475.0 | 291 | 714.6 | -80.0 | 475.0 | 292 | 316.2 | -80.0 | 475.0 |
| 293 | 1939.6 | -240.0 | 475.0 | 294 | 1939.6 | -80.0 | 475.0 | 295 | 1939.6 | 80.0 | 475.0 |
| 296 | 1939.6 | 240.0 | 475.0 | 297 | 1541.3 | -240.0 | 475.0 | 298 | 1541.3 | -80.0 | 475.0 |
| 299 | 1541.3 | 80.0 | 475.0 | 300 | 1541.3 | 240.0 | 475.0 | 301 | 3164.6 | 240.0 | 475.0 |
| 302 | 3164.6 | 80.0 | 475.0 | 303 | 3164.6 | -80.0 | 475.0 | 304 | 3164.6 | -240.0 | 475.0 |
| 305 | 2766.3 | 240.0 | 475.0 | 306 | 2766.3 | 80.0 | 475.0 | 307 | 2766.3 | -80.0 | 475.0 |
| 308 | 2766.3 | -240.0 | 475.0 | 309 | -714.6 | 306.0 | 475.0 | 310 | -816.7 | 306.0 | 475.0 |
| 311 | -816.7 | -306.0 | 475.0 | 312 | -714.6 | -306.0 | 475.0 | 313 | -612.5 | 306.0 | 475.0 |
| 314 | -612.5 | -306.0 | 475.0 | 315 | -510.4 | 306.0 | 475.0 | 316 | -510.4 | -306.0 | 475.0 |
| 317 | -408.3 | 306.0 | 475.0 | 318 | -408.3 | -306.0 | 475.0 | 319 | -1000.8 | 240.0 | 475.0 |
| 320 | -1000.8 | 80.0 | 475.0 | 321 | -1000.8 | -80.0 | 475.0 | 322 | -1000.8 | -240.0 | 475.0 |
| 323 | -1092.9 | 240.0 | 475.0 | 324 | -1092.9 | 80.0 | 475.0 | 325 | -1092.9 | -80.0 | 475.0 |
| 326 | -1092.9 | -240.0 | 475.0 | 327 | -908.8 | 240.0 | 475.0 | 328 | -908.8 | 80.0 | 475.0 |
| 329 | -908.8 | -80.0 | 475.0 | 330 | -908.8 | -240.0 | 475.0 | 331 | -908.8 | 306.0 | 475.0 |
| 332 | -908.8 | -306.0 | 475.0 | 333 | -1000.8 | 306.0 | 475.0 | 334 | -1000.8 | -306.0 | 475.0 |
| 335 | -1092.9 | 306.0 | 475.0 | 336 | -1092.9 | -306.0 | 475.0 | 337 | -1185.0 | 306.0 | 475.0 |
| 338 | -1185.0 | -306.0 | 475.0 | 339 | -1225.0 | -306.0 | 475.0 | 340 | -1225.0 | 306.0 | 475.0 |
| 341 | -10.0 | -240.0 | 475.0 | 342 | -10.0 | -80.0 | 475.0 | 343 | -10.0 | 80.0 | 475.0 |
| 344 | -10.0 | 240.0 | 475.0 | 345 | 10.0 | -240.0 | 475.0 | 346 | 10.0 | -80.0 | 475.0 |
| 347 | 10.0 | 80.0 | 475.0 | 348 | 10.0 | 240.0 | 475.0 | 349 | -316.3 | 306.0 | 475.0 |
| 350 | -316.3 | -306.0 | 475.0 | 351 | -224.2 | 306.0 | 475.0 | 352 | -224.2 | -306.0 | 475.0 |

| | | | | | | | | | | | |
|-----|---------|--------|-------|-----|---------|--------|-------|-----|---------|--------|-------|
| 353 | -132.1 | 306.0 | 475.0 | 354 | -132.1 | -306.0 | 475.0 | 355 | -40.0 | 306.0 | 475.0 |
| 356 | -40.0 | -306.0 | 475.0 | 357 | -10.0 | 306.0 | 475.0 | 358 | -10.0 | -306.0 | 475.0 |
| 359 | 40.0 | 306.0 | 475.0 | 360 | 10.0 | 306.0 | 475.0 | 361 | 10.0 | -306.0 | 475.0 |
| 362 | 40.0 | -306.0 | 475.0 | 363 | 132.1 | 306.0 | 475.0 | 364 | 132.1 | -306.0 | 475.0 |
| 365 | 224.2 | 306.0 | 475.0 | 366 | 224.2 | -306.0 | 475.0 | 367 | 316.3 | 306.0 | 475.0 |
| 368 | 316.3 | -306.0 | 475.0 | 369 | 408.3 | 306.0 | 475.0 | 370 | 408.3 | -306.0 | 475.0 |
| 371 | 908.8 | 306.0 | 475.0 | 372 | 816.7 | 306.0 | 475.0 | 373 | 816.7 | -306.0 | 475.0 |
| 374 | 908.8 | -306.0 | 475.0 | 375 | 1000.8 | 306.0 | 475.0 | 376 | 1000.8 | -306.0 | 475.0 |
| 377 | 1092.9 | 306.0 | 475.0 | 378 | 1092.9 | -306.0 | 475.0 | 379 | 1185.0 | 306.0 | 475.0 |
| 380 | 1185.0 | -306.0 | 475.0 | 381 | 510.4 | 306.0 | 475.0 | 382 | 510.4 | -306.0 | 475.0 |
| 383 | 612.5 | 306.0 | 475.0 | 384 | 612.5 | -306.0 | 475.0 | 385 | 714.6 | 306.0 | 475.0 |
| 386 | 714.6 | -306.0 | 475.0 | 387 | 1215.0 | 240.0 | 475.0 | 388 | 1215.0 | 306.0 | 475.0 |
| 389 | 4675.8 | 240.0 | 475.0 | 390 | 4675.8 | 80.0 | 475.0 | 391 | 4675.8 | -80.0 | 475.0 |
| 392 | 4675.8 | -240.0 | 475.0 | 393 | 4583.8 | 240.0 | 475.0 | 394 | 4583.8 | 80.0 | 475.0 |
| 395 | 4583.8 | -80.0 | 475.0 | 396 | 4583.8 | -240.0 | 475.0 | 397 | 1235.0 | 240.0 | 475.0 |
| 398 | 1265.0 | 306.0 | 475.0 | 399 | 1235.0 | 306.0 | 475.0 | 400 | 1235.0 | 80.0 | 475.0 |
| 401 | 1235.0 | -80.0 | 475.0 | 402 | 1235.0 | -240.0 | 475.0 | 403 | 1235.0 | -306.0 | 475.0 |
| 404 | 1265.0 | -306.0 | 475.0 | 405 | 1357.1 | 306.0 | 475.0 | 406 | 1357.1 | -306.0 | 475.0 |
| 407 | 1449.2 | 306.0 | 475.0 | 408 | 1449.2 | -306.0 | 475.0 | 409 | 1541.3 | 306.0 | 475.0 |
| 410 | 1541.3 | -306.0 | 475.0 | 411 | 1633.3 | 306.0 | 475.0 | 412 | 1633.3 | -306.0 | 475.0 |
| 413 | 2133.8 | 306.0 | 475.0 | 414 | 2041.7 | 306.0 | 475.0 | 415 | 2041.7 | -306.0 | 475.0 |
| 416 | 2133.8 | -306.0 | 475.0 | 417 | 2225.8 | 306.0 | 475.0 | 418 | 2225.8 | -306.0 | 475.0 |
| 419 | 2317.9 | 306.0 | 475.0 | 420 | 2317.9 | -306.0 | 475.0 | 421 | 2410.0 | 306.0 | 475.0 |
| 422 | 2410.0 | -306.0 | 475.0 | 423 | 1735.4 | 306.0 | 475.0 | 424 | 1735.4 | -306.0 | 475.0 |
| 425 | 1837.5 | 306.0 | 475.0 | 426 | 1837.5 | -306.0 | 475.0 | 427 | 1939.6 | 306.0 | 475.0 |
| 428 | 1939.6 | -306.0 | 475.0 | 429 | 2440.0 | 240.0 | 475.0 | 430 | 2440.0 | 306.0 | 475.0 |
| 431 | 2440.0 | 80.0 | 475.0 | 432 | 2440.0 | -80.0 | 475.0 | 433 | 2440.0 | -240.0 | 475.0 |
| 434 | 2440.0 | -306.0 | 475.0 | 435 | 2460.0 | 240.0 | 475.0 | 436 | 2490.0 | 306.0 | 475.0 |
| 437 | 2460.0 | 306.0 | 475.0 | 438 | 2460.0 | 80.0 | 475.0 | 439 | 2460.0 | -80.0 | 475.0 |
| 440 | 2460.0 | -240.0 | 475.0 | 441 | 2460.0 | -306.0 | 475.0 | 442 | 2490.0 | -306.0 | 475.0 |
| 443 | 2582.1 | 306.0 | 475.0 | 444 | 2582.1 | -306.0 | 475.0 | 445 | 2674.2 | 306.0 | 475.0 |
| 446 | 2674.2 | -306.0 | 475.0 | 447 | 2766.3 | 306.0 | 475.0 | 448 | 2766.3 | -306.0 | 475.0 |
| 449 | 2858.3 | 306.0 | 475.0 | 450 | 2858.3 | -306.0 | 475.0 | 451 | 3358.8 | 306.0 | 475.0 |
| 452 | 3266.7 | 306.0 | 475.0 | 453 | 3266.7 | -306.0 | 475.0 | 454 | 3358.8 | -306.0 | 475.0 |
| 455 | 3450.8 | 306.0 | 475.0 | 456 | 3450.8 | -306.0 | 475.0 | 457 | 3542.9 | 306.0 | 475.0 |
| 458 | 3542.9 | -306.0 | 475.0 | 459 | 3635.0 | 306.0 | 475.0 | 460 | 3635.0 | -306.0 | 475.0 |
| 461 | 2960.4 | 306.0 | 475.0 | 462 | 2960.4 | -306.0 | 475.0 | 463 | 3062.5 | 306.0 | 475.0 |
| 464 | 3062.5 | -306.0 | 475.0 | 465 | 3164.6 | 306.0 | 475.0 | 466 | 3164.6 | -306.0 | 475.0 |
| 467 | 3665.0 | 240.0 | 475.0 | 468 | 3665.0 | 306.0 | 475.0 | 469 | 3665.0 | 80.0 | 475.0 |
| 470 | 3665.0 | -80.0 | 475.0 | 471 | 3665.0 | -240.0 | 475.0 | 472 | 3665.0 | -306.0 | 475.0 |
| 473 | 3685.0 | 240.0 | 475.0 | 474 | 3715.0 | 306.0 | 475.0 | 475 | 3685.0 | 306.0 | 475.0 |
| 476 | 3685.0 | 80.0 | 475.0 | 477 | 3685.0 | -80.0 | 475.0 | 478 | 3685.0 | -240.0 | 475.0 |
| 479 | 3685.0 | -306.0 | 475.0 | 480 | 3715.0 | -306.0 | 475.0 | 481 | 3807.1 | 306.0 | 475.0 |
| 482 | 3807.1 | -306.0 | 475.0 | 483 | 3899.2 | 306.0 | 475.0 | 484 | 3899.2 | -306.0 | 475.0 |
| 485 | 3991.3 | 306.0 | 475.0 | 486 | 3991.3 | -306.0 | 475.0 | 487 | 4083.3 | 306.0 | 475.0 |
| 488 | 4083.3 | -306.0 | 475.0 | 489 | 4583.8 | 306.0 | 475.0 | 490 | 4491.7 | 306.0 | 475.0 |
| 491 | 4491.7 | -306.0 | 475.0 | 492 | 4583.8 | -306.0 | 475.0 | 493 | 4675.8 | 306.0 | 475.0 |
| 494 | 4675.8 | -306.0 | 475.0 | 495 | 4767.9 | 306.0 | 475.0 | 496 | 4767.9 | -306.0 | 475.0 |
| 497 | 4860.0 | 306.0 | 475.0 | 498 | 4860.0 | -306.0 | 475.0 | 499 | 4185.4 | 306.0 | 475.0 |
| 500 | 4185.4 | -306.0 | 475.0 | 501 | 4287.5 | 306.0 | 475.0 | 502 | 4287.5 | -306.0 | 475.0 |
| 503 | 4389.6 | 306.0 | 475.0 | 504 | 4389.6 | -306.0 | 475.0 | 505 | 4900.0 | -306.0 | 475.0 |
| 506 | 4900.0 | 306.0 | 475.0 | 507 | -714.6 | 282.0 | 475.0 | 508 | -816.7 | 282.0 | 475.0 |
| 509 | -612.5 | 282.0 | 475.0 | 510 | -510.4 | 282.0 | 475.0 | 511 | -408.3 | 282.0 | 475.0 |
| 512 | -908.8 | 282.0 | 475.0 | 513 | -1000.8 | 282.0 | 475.0 | 514 | -1092.9 | 282.0 | 475.0 |
| 515 | -1185.0 | 282.0 | 475.0 | 516 | -1225.0 | 282.0 | 475.0 | 517 | -316.3 | 282.0 | 475.0 |
| 518 | -224.2 | 282.0 | 475.0 | 519 | -132.1 | 282.0 | 475.0 | 520 | -40.0 | 282.0 | 475.0 |
| 521 | -10.0 | 282.0 | 475.0 | 522 | 40.0 | 282.0 | 475.0 | 523 | 10.0 | 282.0 | 475.0 |
| 524 | 132.1 | 282.0 | 475.0 | 525 | 224.2 | 282.0 | 475.0 | 526 | 316.3 | 282.0 | 475.0 |
| 527 | 408.3 | 282.0 | 475.0 | 528 | 908.8 | 282.0 | 475.0 | 529 | 816.7 | 282.0 | 475.0 |
| 530 | 1000.8 | 282.0 | 475.0 | 531 | 1092.9 | 282.0 | 475.0 | 532 | 1185.0 | 282.0 | 475.0 |
| 533 | 510.4 | 282.0 | 475.0 | 534 | 612.5 | 282.0 | 475.0 | 535 | 714.6 | 282.0 | 475.0 |
| 536 | 1215.0 | 282.0 | 475.0 | 537 | 1265.0 | 282.0 | 475.0 | 538 | 1235.0 | 282.0 | 475.0 |
| 539 | 1357.1 | 282.0 | 475.0 | 540 | 1449.2 | 282.0 | 475.0 | 541 | 1541.3 | 282.0 | 475.0 |
| 542 | 1633.3 | 282.0 | 475.0 | 543 | 2133.8 | 282.0 | 475.0 | 544 | 2041.7 | 282.0 | 475.0 |
| 545 | 2225.8 | 282.0 | 475.0 | 546 | 2317.9 | 282.0 | 475.0 | 547 | 2410.0 | 282.0 | 475.0 |
| 548 | 1735.4 | 282.0 | 475.0 | 549 | 1837.5 | 282.0 | 475.0 | 550 | 1939.6 | 282.0 | 475.0 |
| 551 | 2440.0 | 282.0 | 475.0 | 552 | 2490.0 | 282.0 | 475.0 | 553 | 2460.0 | 282.0 | 475.0 |
| 554 | 2582.1 | 282.0 | 475.0 | 555 | 2674.2 | 282.0 | 475.0 | 556 | 2766.3 | 282.0 | 475.0 |
| 557 | 2858.3 | 282.0 | 475.0 | 558 | 3358.8 | 282.0 | 475.0 | 559 | 3266.7 | 282.0 | 475.0 |
| 560 | 3450.8 | 282.0 | 475.0 | 561 | 3542.9 | 282.0 | 475.0 | 562 | 3635.0 | 282.0 | 475.0 |
| 563 | 2960.4 | 282.0 | 475.0 | 564 | 3062.5 | 282.0 | 475.0 | 565 | 3164.6 | 282.0 | 475.0 |
| 566 | 3665.0 | 282.0 | 475.0 | 567 | 3715.0 | 282.0 | 475.0 | 568 | 3685.0 | 282.0 | 475.0 |
| 569 | 3807.1 | 282.0 | 475.0 | 570 | 3899.2 | 282.0 | 475.0 | 571 | 3991.3 | 282.0 | 475.0 |
| 572 | 4083.3 | 282.0 | 475.0 | 573 | 4583.8 | 282.0 | 475.0 | 574 | 4491.7 | 282.0 | 475.0 |
| 575 | 4675.8 | 282.0 | 475.0 | 576 | 4767.9 | 282.0 | 475.0 | 577 | 4860.0 | 282.0 | 475.0 |
| 578 | 4185.4 | 282.0 | 475.0 | 579 | 4287.5 | 282.0 | 475.0 | 580 | 4389.6 | 282.0 | 475.0 |
| 581 | 4900.0 | 282.0 | 475.0 | 582 | 1215.0 | -282.0 | 475.0 | 583 | -816.7 | -282.0 | 475.0 |

| | | | | | | | | | | | |
|-----|---------|--------|-------|-----|---------|--------|-------|-----|---------|--------|-------|
| 584 | -714.6 | -282.0 | 475.0 | 585 | -612.5 | -282.0 | 475.0 | 586 | -510.4 | -282.0 | 475.0 |
| 587 | -408.3 | -282.0 | 475.0 | 588 | -908.8 | -282.0 | 475.0 | 589 | -1000.8 | -282.0 | 475.0 |
| 590 | -1092.9 | -282.0 | 475.0 | 591 | -1185.0 | -282.0 | 475.0 | 592 | -1225.0 | -282.0 | 475.0 |
| 593 | -316.3 | -282.0 | 475.0 | 594 | -224.2 | -282.0 | 475.0 | 595 | -132.1 | -282.0 | 475.0 |
| 596 | -40.0 | -282.0 | 475.0 | 597 | -10.0 | -282.0 | 475.0 | 598 | 10.0 | -282.0 | 475.0 |
| 599 | 40.0 | -282.0 | 475.0 | 600 | 132.1 | -282.0 | 475.0 | 601 | 224.2 | -282.0 | 475.0 |
| 602 | 316.3 | -282.0 | 475.0 | 603 | 408.3 | -282.0 | 475.0 | 604 | 816.7 | -282.0 | 475.0 |
| 605 | 908.8 | -282.0 | 475.0 | 606 | 1000.8 | -282.0 | 475.0 | 607 | 1092.9 | -282.0 | 475.0 |
| 608 | 1185.0 | -282.0 | 475.0 | 609 | 510.4 | -282.0 | 475.0 | 610 | 612.5 | -282.0 | 475.0 |
| 611 | 714.6 | -282.0 | 475.0 | 612 | 1235.0 | -282.0 | 475.0 | 613 | 1265.0 | -282.0 | 475.0 |
| 614 | 1357.1 | -282.0 | 475.0 | 615 | 1449.2 | -282.0 | 475.0 | 616 | 1541.3 | -282.0 | 475.0 |
| 617 | 1633.3 | -282.0 | 475.0 | 618 | 2041.7 | -282.0 | 475.0 | 619 | 2133.8 | -282.0 | 475.0 |
| 620 | 2225.8 | -282.0 | 475.0 | 621 | 2317.9 | -282.0 | 475.0 | 622 | 2410.0 | -282.0 | 475.0 |
| 623 | 1735.4 | -282.0 | 475.0 | 624 | 1837.5 | -282.0 | 475.0 | 625 | 1939.6 | -282.0 | 475.0 |
| 626 | 2440.0 | -282.0 | 475.0 | 627 | 2460.0 | -282.0 | 475.0 | 628 | 2490.0 | -282.0 | 475.0 |
| 629 | 2582.1 | -282.0 | 475.0 | 630 | 2674.2 | -282.0 | 475.0 | 631 | 2766.3 | -282.0 | 475.0 |
| 632 | 2858.3 | -282.0 | 475.0 | 633 | 3266.7 | -282.0 | 475.0 | 634 | 3358.8 | -282.0 | 475.0 |
| 635 | 3450.8 | -282.0 | 475.0 | 636 | 3542.9 | -282.0 | 475.0 | 637 | 3635.0 | -282.0 | 475.0 |
| 638 | 2960.4 | -282.0 | 475.0 | 639 | 3062.5 | -282.0 | 475.0 | 640 | 3164.6 | -282.0 | 475.0 |
| 641 | 3665.0 | -282.0 | 475.0 | 642 | 3685.0 | -282.0 | 475.0 | 643 | 3715.0 | -282.0 | 475.0 |
| 644 | 3807.1 | -282.0 | 475.0 | 645 | 3899.2 | -282.0 | 475.0 | 646 | 3991.3 | -282.0 | 475.0 |
| 647 | 4083.3 | -282.0 | 475.0 | 648 | 4491.7 | -282.0 | 475.0 | 649 | 4583.8 | -282.0 | 475.0 |
| 650 | 4675.8 | -282.0 | 475.0 | 651 | 4767.9 | -282.0 | 475.0 | 652 | 4860.0 | -282.0 | 475.0 |
| 653 | 4185.4 | -282.0 | 475.0 | 654 | 4287.5 | -282.0 | 475.0 | 655 | 4389.6 | -282.0 | 475.0 |
| 656 | 4900.0 | -282.0 | 475.0 | 657 | -1225.0 | 0.0 | 475.0 | 658 | 4900.0 | 0.0 | 475.0 |
| 659 | -714.6 | 0.0 | 475.0 | 660 | -816.7 | 0.0 | 475.0 | 661 | -612.5 | 0.0 | 475.0 |
| 662 | -510.4 | 0.0 | 475.0 | 663 | -408.3 | 0.0 | 475.0 | 664 | -908.8 | 0.0 | 475.0 |
| 665 | -1000.8 | 0.0 | 475.0 | 666 | -1092.9 | 0.0 | 475.0 | 667 | -1185.0 | 0.0 | 475.0 |
| 668 | -316.3 | 0.0 | 475.0 | 669 | -224.2 | 0.0 | 475.0 | 670 | -132.1 | 0.0 | 475.0 |
| 671 | -40.0 | 0.0 | 475.0 | 672 | -10.0 | 0.0 | 475.0 | 673 | 40.0 | 0.0 | 475.0 |
| 674 | 10.0 | 0.0 | 475.0 | 675 | 132.1 | 0.0 | 475.0 | 676 | 224.2 | 0.0 | 475.0 |
| 677 | 316.3 | 0.0 | 475.0 | 678 | 408.3 | 0.0 | 475.0 | 679 | 908.8 | 0.0 | 475.0 |
| 680 | 816.7 | 0.0 | 475.0 | 681 | 1000.8 | 0.0 | 475.0 | 682 | 1092.9 | 0.0 | 475.0 |
| 683 | 1185.0 | 0.0 | 475.0 | 684 | 510.4 | 0.0 | 475.0 | 685 | 612.5 | 0.0 | 475.0 |
| 686 | 714.6 | 0.0 | 475.0 | 687 | 1215.0 | 0.0 | 475.0 | 688 | 1265.0 | 0.0 | 475.0 |
| 689 | 1235.0 | 0.0 | 475.0 | 690 | 1357.1 | 0.0 | 475.0 | 691 | 1449.2 | 0.0 | 475.0 |
| 692 | 1541.3 | 0.0 | 475.0 | 693 | 1633.3 | 0.0 | 475.0 | 694 | 2133.8 | 0.0 | 475.0 |
| 695 | 2041.7 | 0.0 | 475.0 | 696 | 2225.8 | 0.0 | 475.0 | 697 | 2317.9 | 0.0 | 475.0 |
| 698 | 2410.0 | 0.0 | 475.0 | 699 | 1735.4 | 0.0 | 475.0 | 700 | 1837.5 | 0.0 | 475.0 |
| 701 | 1939.6 | 0.0 | 475.0 | 702 | 2440.0 | 0.0 | 475.0 | 703 | 2490.0 | 0.0 | 475.0 |
| 704 | 2460.0 | 0.0 | 475.0 | 705 | 2582.1 | 0.0 | 475.0 | 706 | 2674.2 | 0.0 | 475.0 |
| 707 | 2766.3 | 0.0 | 475.0 | 708 | 2858.3 | 0.0 | 475.0 | 709 | 3358.8 | 0.0 | 475.0 |
| 710 | 3266.7 | 0.0 | 475.0 | 711 | 3450.8 | 0.0 | 475.0 | 712 | 3542.9 | 0.0 | 475.0 |
| 713 | 3635.0 | 0.0 | 475.0 | 714 | 2960.4 | 0.0 | 475.0 | 715 | 3062.5 | 0.0 | 475.0 |
| 716 | 3164.6 | 0.0 | 475.0 | 717 | 3665.0 | 0.0 | 475.0 | 718 | 3715.0 | 0.0 | 475.0 |
| 719 | 3685.0 | 0.0 | 475.0 | 720 | 3807.1 | 0.0 | 475.0 | 721 | 3899.2 | 0.0 | 475.0 |
| 722 | 3991.3 | 0.0 | 475.0 | 723 | 4083.3 | 0.0 | 475.0 | 724 | 4583.8 | 0.0 | 475.0 |
| 725 | 4491.7 | 0.0 | 475.0 | 726 | 4675.8 | 0.0 | 475.0 | 727 | 4767.9 | 0.0 | 475.0 |
| 728 | 4860.0 | 0.0 | 475.0 | 729 | 4185.4 | 0.0 | 475.0 | 730 | 4287.5 | 0.0 | 475.0 |
| 731 | 4389.6 | 0.0 | 475.0 | | | | | | | | |

| Nodo | X | Y | Z | Note | Rig. TX | Rig. TY | Rig. TZ | Rig. RX | Rig. RY | Rig. RZ |
|------|---------|--------|-------|----------|---------|---------|---------|------------|------------|------------|
| | cm | cm | cm | | daN/cm | daN/cm | daN/cm | daN cm/rad | daN cm/rad | daN cm/rad |
| 1 | 0.0 | 0.0 | 0.0 | v=111111 | | | | | | |
| 3 | 1225.0 | 0.0 | 0.0 | v=111111 | | | | | | |
| 5 | 2450.0 | 0.0 | 0.0 | v=111111 | | | | | | |
| 7 | 3675.0 | 0.0 | 0.0 | v=111111 | | | | | | |
| 732 | -1185.0 | -240.0 | 395.0 | v=111111 | | | | | | |
| 733 | -1185.0 | -80.0 | 395.0 | v=111111 | | | | | | |
| 734 | -1185.0 | 80.0 | 395.0 | v=111111 | | | | | | |
| 735 | -1185.0 | 240.0 | 395.0 | v=111111 | | | | | | |
| 736 | 4860.0 | -240.0 | 395.0 | v=111111 | | | | | | |
| 737 | 4860.0 | -80.0 | 395.0 | v=111111 | | | | | | |
| 738 | 4860.0 | 80.0 | 395.0 | v=111111 | | | | | | |
| 739 | 4860.0 | 240.0 | 395.0 | v=111111 | | | | | | |



14_MOD_NUMERAZIONE_NODI

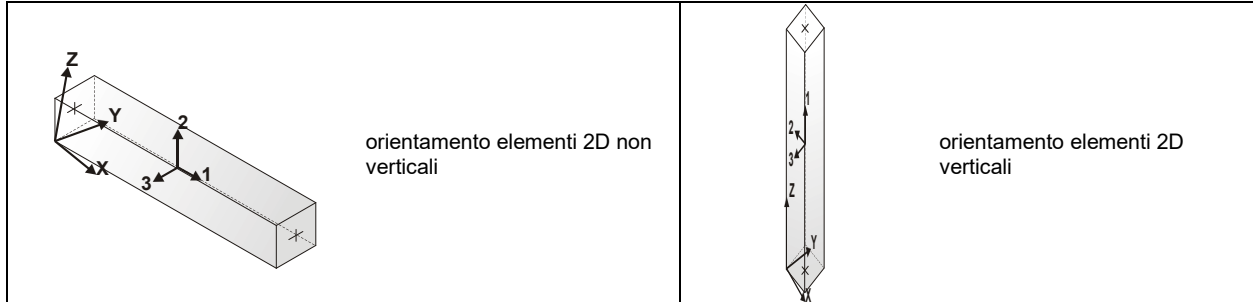
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.

Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



In particolare per ogni elemento viene indicato in tabella:

| | |
|-----------------------|---|
| Elem. | numero dell'elemento |
| Note | codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa, |
| Nodo I (J) | numero del nodo iniziale (finale) |
| Mat. | codice del materiale assegnato all'elemento |
| Sez. | codice della sezione assegnata all'elemento |
| Rotaz. | valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo |
| Svincolo I (J) | codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva) |
| Wink V | costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico |
| Wink O | costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale |

| Elem. | Note | Nodo I | Nodo J | Mat. | Sez. | Rotaz. gradi | Svincolo I | Svincolo J | Wink V daN/cm3 | Wink O daN/cm3 |
|-------|--------|--------|--------|------|------|-----------------|------------|------------|-------------------|-------------------|
| 1 | Pilas. | 1 | 70 | 2 | 5 | | | | | |
| 2 | Pilas. | 3 | 71 | 2 | 5 | | | | | |
| 3 | Pilas. | 5 | 72 | 2 | 5 | | | | | |
| 4 | Pilas. | 7 | 69 | 2 | 5 | | | | | |
| 5 | Trave | 48 | 197 | 2 | 4 | | | | | |
| 6 | Trave | 46 | 198 | 2 | 4 | | | | | |
| 7 | Trave | 44 | 199 | 2 | 4 | | | | | |
| 8 | Trave | 42 | 200 | 2 | 4 | | | | | |
| 9 | Trave | 56 | 201 | 2 | 4 | | | | | |
| 10 | Trave | 54 | 202 | 2 | 4 | | | | | |
| 11 | Trave | 52 | 203 | 2 | 4 | | | | | |
| 12 | Trave | 50 | 204 | 2 | 4 | | | | | |
| 13 | Trave | 64 | 205 | 2 | 4 | | | | | |
| 14 | Trave | 62 | 206 | 2 | 4 | | | | | |
| 15 | Trave | 60 | 207 | 2 | 4 | | | | | |
| 16 | Trave | 58 | 208 | 2 | 4 | | | | | |
| 17 | Trave | 28 | 270 | 2 | 4 | | | | | |
| 18 | Trave | 27 | 269 | 2 | 4 | | | | | |
| 19 | Trave | 26 | 272 | 2 | 4 | | | | | |
| 20 | Trave | 25 | 271 | 2 | 4 | | | | | |
| 21 | Trave | 327 | 33 | 2 | 4 | | | | | |
| 22 | Trave | 328 | 35 | 2 | 4 | | | | | |
| 23 | Trave | 329 | 37 | 2 | 4 | | | | | |
| 24 | Trave | 330 | 39 | 2 | 4 | | | | | |
| 25 | Trave | 39 | 37 | 2 | 3 | | | | | |
| 26 | Trave | 37 | 660 | 2 | 3 | | | | | |
| 27 | Trave | 35 | 33 | 2 | 3 | | | | | |
| 28 | Trave | 36 | 34 | 2 | 3 | | | | | |
| 29 | Trave | 38 | 663 | 2 | 3 | | | | | |
| 30 | Trave | 40 | 38 | 2 | 3 | | | | | |
| 31 | Trave | 41 | 43 | 2 | 3 | | | | | |
| 32 | Trave | 43 | 678 | 2 | 3 | | | | | |
| 33 | Trave | 45 | 47 | 2 | 3 | | | | | |
| 34 | Trave | 46 | 48 | 2 | 3 | | | | | |
| 35 | Trave | 44 | 680 | 2 | 3 | | | | | |
| 36 | Trave | 42 | 44 | 2 | 3 | | | | | |

| | | | | | | |
|-----|--------|-----|-----|-----|---|--------|
| 37 | Trave | 55 | 53 | 2 | 3 | |
| 38 | Trave | 53 | 693 | 2 | 3 | |
| 39 | Trave | 51 | 49 | 2 | 3 | |
| 40 | Trave | 52 | 50 | 2 | 3 | |
| 41 | Trave | 54 | 695 | 2 | 3 | |
| 42 | Trave | 56 | 54 | 2 | 3 | |
| 43 | Trave | 57 | 59 | 2 | 3 | |
| 44 | Trave | 59 | 708 | 2 | 3 | |
| 45 | Trave | 61 | 63 | 2 | 3 | |
| 46 | Trave | 62 | 64 | 2 | 3 | |
| 47 | Trave | 60 | 710 | 2 | 3 | |
| 48 | Trave | 58 | 60 | 2 | 3 | |
| 49 | Trave | 6 | 2 | 2 | 3 | |
| 50 | Trave | 2 | 723 | 2 | 3 | |
| 51 | Trave | 67 | 65 | 2 | 3 | |
| 52 | Trave | 68 | 66 | 2 | 3 | |
| 53 | Trave | 4 | 725 | 2 | 3 | |
| 54 | Trave | 8 | 4 | 2 | 3 | |
| 55 | Trave | 11 | 12 | 2 | 3 | |
| 56 | Trave | 10 | 671 | 2 | 3 | |
| 57 | Trave | 9 | 10 | 2 | 3 | |
| 58 | Trave | 15 | 16 | 2 | 3 | |
| 59 | Trave | 14 | 683 | 2 | 3 | |
| 60 | Trave | 13 | 14 | 2 | 3 | |
| 61 | Trave | 19 | 20 | 2 | 3 | |
| 62 | Trave | 18 | 698 | 2 | 3 | |
| 63 | Trave | 17 | 18 | 2 | 3 | |
| 64 | Trave | 23 | 24 | 2 | 3 | |
| 65 | Trave | 22 | 713 | 2 | 3 | |
| 66 | Trave | 21 | 22 | 2 | 3 | |
| 67 | Trave | 39 | 217 | 2 | 4 | |
| 68 | Trave | 40 | 218 | 2 | 4 | |
| 69 | Trave | 41 | 219 | 2 | 4 | |
| 70 | Trave | 73 | 220 | 2 | 4 | |
| 71 | Pilas. | 75 | 9 | 157 | 2 | 000111 |
| 72 | Pilas. | 76 | 73 | 157 | 2 | 000111 |
| 73 | Trave | 75 | 77 | 157 | 2 | |
| 74 | Trave | 77 | 76 | 157 | 2 | |
| 75 | Pilas. | 80 | 10 | 157 | 2 | 000111 |
| 76 | Pilas. | 81 | 78 | 157 | 2 | 000111 |
| 77 | Trave | 80 | 82 | 157 | 2 | |
| 78 | Trave | 82 | 81 | 157 | 2 | |
| 79 | Pilas. | 85 | 11 | 157 | 2 | 000111 |
| 80 | Pilas. | 86 | 83 | 157 | 2 | 000111 |
| 81 | Trave | 85 | 87 | 157 | 2 | |
| 82 | Trave | 87 | 86 | 157 | 2 | |
| 83 | Pilas. | 90 | 12 | 157 | 2 | 000111 |
| 84 | Pilas. | 91 | 88 | 157 | 2 | 000111 |
| 85 | Trave | 90 | 92 | 157 | 2 | |
| 86 | Trave | 92 | 91 | 157 | 2 | |
| 87 | Trave | 37 | 221 | 2 | 4 | |
| 88 | Trave | 38 | 222 | 2 | 4 | |
| 89 | Trave | 35 | 223 | 2 | 4 | |
| 90 | Trave | 36 | 224 | 2 | 4 | |
| 91 | Trave | 33 | 225 | 2 | 4 | |
| 92 | Trave | 273 | 214 | 2 | 4 | |
| 93 | Trave | 47 | 227 | 2 | 4 | |
| 94 | Trave | 88 | 228 | 2 | 4 | |
| 95 | Trave | 45 | 229 | 2 | 4 | |
| 96 | Trave | 83 | 230 | 2 | 4 | |
| 97 | Trave | 43 | 231 | 2 | 4 | |
| 98 | Trave | 78 | 232 | 2 | 4 | |
| 99 | Pilas. | 95 | 13 | 157 | 2 | 000111 |
| 100 | Pilas. | 96 | 93 | 157 | 2 | 000111 |
| 101 | Trave | 95 | 97 | 157 | 2 | |
| 102 | Trave | 97 | 96 | 157 | 2 | |
| 103 | Pilas. | 100 | 14 | 157 | 2 | 000111 |
| 104 | Pilas. | 101 | 98 | 157 | 2 | 000111 |
| 105 | Trave | 100 | 102 | 157 | 2 | |
| 106 | Trave | 102 | 101 | 157 | 2 | |
| 107 | Pilas. | 105 | 15 | 157 | 2 | 000111 |
| 108 | Pilas. | 106 | 103 | 157 | 2 | 000111 |
| 109 | Trave | 105 | 107 | 157 | 2 | |
| 110 | Trave | 107 | 106 | 157 | 2 | |
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| 112 | Pilas. | 111 | 108 | 157 | 2 | 000111 |
| 113 | Trave | 110 | 112 | 157 | 2 | |

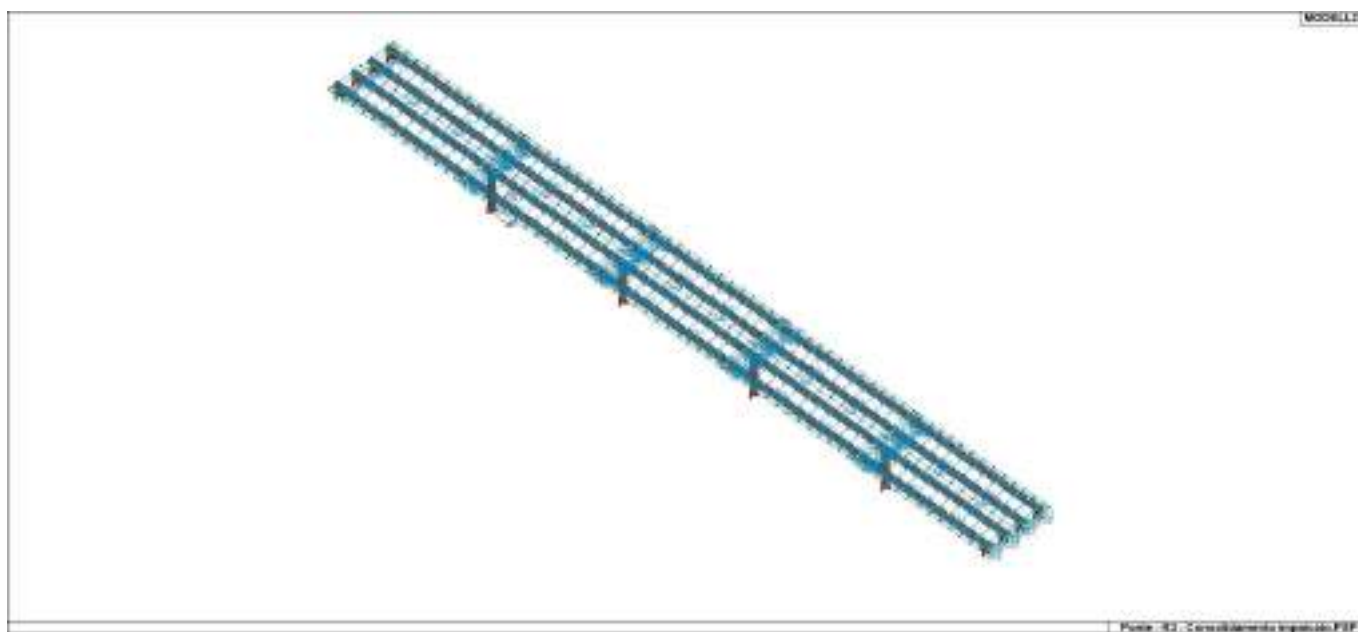
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| 115 | Pilas. | 115 | 17 | 157 | 2 | 000111 |
| 116 | Pilas. | 116 | 113 | 157 | 2 | 000111 |
| 117 | Trave | 115 | 117 | 157 | 2 | |
| 118 | Trave | 117 | 116 | 157 | 2 | |
| 119 | Pilas. | 120 | 18 | 157 | 2 | 000111 |
| 120 | Pilas. | 121 | 118 | 157 | 2 | 000111 |
| 121 | Trave | 120 | 122 | 157 | 2 | |
| 122 | Trave | 122 | 121 | 157 | 2 | |
| 123 | Pilas. | 125 | 19 | 157 | 2 | 000111 |
| 124 | Pilas. | 126 | 123 | 157 | 2 | 000111 |
| 125 | Trave | 125 | 127 | 157 | 2 | |
| 126 | Trave | 127 | 126 | 157 | 2 | |
| 127 | Pilas. | 130 | 20 | 157 | 2 | 000111 |
| 128 | Pilas. | 131 | 128 | 157 | 2 | 000111 |
| 129 | Trave | 130 | 132 | 157 | 2 | |
| 130 | Trave | 132 | 131 | 157 | 2 | |
| 131 | Pilas. | 135 | 21 | 157 | 2 | 000111 |
| 132 | Pilas. | 136 | 133 | 157 | 2 | 000111 |
| 133 | Trave | 135 | 129 | 157 | 2 | |
| 134 | Trave | 129 | 136 | 157 | 2 | |
| 135 | Pilas. | 84 | 22 | 157 | 2 | 000111 |
| 136 | Pilas. | 89 | 74 | 157 | 2 | 000111 |
| 137 | Trave | 84 | 94 | 157 | 2 | |
| 138 | Trave | 94 | 89 | 157 | 2 | |
| 139 | Pilas. | 109 | 23 | 157 | 2 | 000111 |
| 140 | Pilas. | 114 | 99 | 157 | 2 | 000111 |
| 141 | Trave | 109 | 119 | 157 | 2 | |
| 142 | Trave | 119 | 114 | 157 | 2 | |
| 143 | Pilas. | 134 | 24 | 157 | 2 | 000111 |
| 144 | Pilas. | 79 | 124 | 157 | 2 | 000111 |
| 145 | Trave | 134 | 104 | 157 | 2 | |
| 146 | Trave | 104 | 79 | 157 | 2 | |
| 147 | Trave | 55 | 233 | 2 | 4 | |
| 148 | Trave | 53 | 234 | 2 | 4 | |
| 149 | Trave | 51 | 235 | 2 | 4 | |
| 150 | Trave | 49 | 236 | 2 | 4 | |
| 151 | Trave | 93 | 237 | 2 | 4 | |
| 152 | Trave | 98 | 238 | 2 | 4 | |
| 153 | Trave | 103 | 239 | 2 | 4 | |
| 154 | Trave | 108 | 240 | 2 | 4 | |
| 155 | Trave | 63 | 241 | 2 | 4 | |
| 156 | Trave | 61 | 242 | 2 | 4 | |
| 157 | Trave | 59 | 243 | 2 | 4 | |
| 158 | Trave | 57 | 244 | 2 | 4 | |
| 159 | Trave | 128 | 245 | 2 | 4 | |
| 160 | Trave | 123 | 246 | 2 | 4 | |
| 161 | Trave | 118 | 247 | 2 | 4 | |
| 162 | Trave | 113 | 248 | 2 | 4 | |
| 163 | Trave | 65 | 249 | 2 | 4 | |
| 164 | Trave | 67 | 250 | 2 | 4 | |
| 165 | Trave | 2 | 251 | 2 | 4 | |
| 166 | Trave | 6 | 252 | 2 | 4 | |
| 167 | Trave | 124 | 253 | 2 | 4 | |
| 168 | Trave | 99 | 254 | 2 | 4 | |
| 169 | Trave | 74 | 255 | 2 | 4 | |
| 170 | Trave | 133 | 256 | 2 | 4 | |
| 171 | Trave | 83 | 88 | 2 | 3 | |
| 172 | Trave | 78 | 673 | 2 | 3 | |
| 173 | Trave | 73 | 78 | 2 | 3 | |
| 174 | Trave | 103 | 108 | 2 | 3 | |
| 175 | Trave | 98 | 688 | 2 | 3 | |
| 176 | Trave | 93 | 98 | 2 | 3 | |
| 177 | Trave | 123 | 128 | 2 | 3 | |
| 178 | Trave | 118 | 703 | 2 | 3 | |
| 179 | Trave | 113 | 118 | 2 | 3 | |
| 180 | Trave | 99 | 124 | 2 | 3 | |
| 181 | Trave | 74 | 718 | 2 | 3 | |
| 182 | Trave | 133 | 74 | 2 | 3 | |
| 183 | Trave | 87 | 92 | 157 | 2 | |
| 184 | Trave | 82 | 70 | 157 | 2 | |
| 185 | Trave | 77 | 82 | 157 | 2 | |
| 186 | Trave | 107 | 112 | 157 | 2 | |
| 187 | Trave | 102 | 71 | 157 | 2 | |
| 188 | Trave | 97 | 102 | 157 | 2 | |
| 189 | Trave | 127 | 132 | 157 | 2 | |
| 190 | Trave | 122 | 72 | 157 | 2 | |

| | | | | | |
|-----|-------|-----|-----|-----|---|
| 191 | Trave | 117 | 122 | 157 | 2 |
| 192 | Trave | 119 | 104 | 157 | 2 |
| 193 | Trave | 94 | 69 | 157 | 2 |
| 194 | Trave | 129 | 94 | 157 | 2 |
| 195 | Trave | 213 | 214 | 2 | 3 |
| 196 | Trave | 215 | 728 | 2 | 3 |
| 197 | Trave | 216 | 215 | 2 | 3 |
| 198 | Trave | 271 | 272 | 2 | 3 |
| 199 | Trave | 272 | 667 | 2 | 3 |
| 200 | Trave | 269 | 270 | 2 | 3 |
| 201 | Trave | 70 | 87 | 157 | 2 |
| 202 | Trave | 71 | 107 | 157 | 2 |
| 203 | Trave | 72 | 127 | 157 | 2 |
| 204 | Trave | 69 | 119 | 157 | 2 |
| 205 | Trave | 137 | 257 | 2 | 4 |
| 206 | Trave | 138 | 258 | 2 | 4 |
| 207 | Trave | 139 | 259 | 2 | 4 |
| 208 | Trave | 140 | 260 | 2 | 4 |
| 209 | Trave | 141 | 261 | 2 | 4 |
| 210 | Trave | 142 | 262 | 2 | 4 |
| 211 | Trave | 143 | 263 | 2 | 4 |
| 212 | Trave | 144 | 264 | 2 | 4 |
| 213 | Trave | 145 | 265 | 2 | 4 |
| 214 | Trave | 146 | 266 | 2 | 4 |
| 215 | Trave | 147 | 267 | 2 | 4 |
| 216 | Trave | 148 | 268 | 2 | 4 |
| 217 | Trave | 209 | 66 | 2 | 4 |
| 218 | Trave | 210 | 68 | 2 | 4 |
| 219 | Trave | 211 | 4 | 2 | 4 |
| 220 | Trave | 212 | 8 | 2 | 4 |
| 221 | Trave | 34 | 226 | 2 | 4 |
| 222 | Trave | 274 | 213 | 2 | 4 |
| 223 | Trave | 275 | 215 | 2 | 4 |
| 224 | Trave | 276 | 216 | 2 | 4 |
| 225 | Trave | 157 | 277 | 2 | 4 |
| 226 | Trave | 158 | 278 | 2 | 4 |
| 227 | Trave | 159 | 279 | 2 | 4 |
| 228 | Trave | 160 | 280 | 2 | 4 |
| 229 | Trave | 161 | 281 | 2 | 4 |
| 230 | Trave | 162 | 282 | 2 | 4 |
| 231 | Trave | 163 | 283 | 2 | 4 |
| 232 | Trave | 164 | 284 | 2 | 4 |
| 233 | Trave | 165 | 285 | 2 | 4 |
| 234 | Trave | 166 | 286 | 2 | 4 |
| 235 | Trave | 167 | 287 | 2 | 4 |
| 236 | Trave | 168 | 288 | 2 | 4 |
| 237 | Trave | 169 | 289 | 2 | 4 |
| 238 | Trave | 170 | 290 | 2 | 4 |
| 239 | Trave | 171 | 291 | 2 | 4 |
| 240 | Trave | 172 | 292 | 2 | 4 |
| 241 | Trave | 173 | 293 | 2 | 4 |
| 242 | Trave | 174 | 294 | 2 | 4 |
| 243 | Trave | 175 | 295 | 2 | 4 |
| 244 | Trave | 176 | 296 | 2 | 4 |
| 245 | Trave | 177 | 297 | 2 | 4 |
| 246 | Trave | 178 | 298 | 2 | 4 |
| 247 | Trave | 179 | 299 | 2 | 4 |
| 248 | Trave | 180 | 300 | 2 | 4 |
| 249 | Trave | 181 | 301 | 2 | 4 |
| 250 | Trave | 182 | 302 | 2 | 4 |
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| 252 | Trave | 184 | 304 | 2 | 4 |
| 253 | Trave | 185 | 305 | 2 | 4 |
| 254 | Trave | 186 | 306 | 2 | 4 |
| 255 | Trave | 187 | 307 | 2 | 4 |
| 256 | Trave | 188 | 308 | 2 | 4 |
| 257 | Trave | 189 | 209 | 2 | 4 |
| 258 | Trave | 190 | 210 | 2 | 4 |
| 259 | Trave | 191 | 211 | 2 | 4 |
| 260 | Trave | 192 | 212 | 2 | 4 |
| 261 | Trave | 193 | 149 | 2 | 4 |
| 262 | Trave | 194 | 150 | 2 | 4 |
| 263 | Trave | 195 | 151 | 2 | 4 |
| 264 | Trave | 196 | 152 | 2 | 4 |
| 265 | Trave | 197 | 137 | 2 | 4 |
| 266 | Trave | 198 | 138 | 2 | 4 |
| 267 | Trave | 199 | 139 | 2 | 4 |

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| 268 | Trave | 200 | 140 | 2 | 4 |
| 269 | Trave | 201 | 141 | 2 | 4 |
| 270 | Trave | 202 | 142 | 2 | 4 |
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| 273 | Trave | 205 | 145 | 2 | 4 |
| 274 | Trave | 206 | 146 | 2 | 4 |
| 275 | Trave | 207 | 147 | 2 | 4 |
| 276 | Trave | 208 | 148 | 2 | 4 |
| 277 | Trave | 149 | 65 | 2 | 4 |
| 278 | Trave | 150 | 67 | 2 | 4 |
| 279 | Trave | 151 | 2 | 2 | 4 |
| 280 | Trave | 152 | 6 | 2 | 4 |
| 281 | Trave | 214 | 32 | 2 | 4 |
| 282 | Trave | 213 | 31 | 2 | 4 |
| 283 | Trave | 215 | 30 | 2 | 4 |
| 284 | Trave | 216 | 29 | 2 | 4 |
| 285 | Trave | 217 | 157 | 2 | 4 |
| 286 | Trave | 218 | 158 | 2 | 4 |
| 287 | Trave | 219 | 159 | 2 | 4 |
| 288 | Trave | 220 | 160 | 2 | 4 |
| 289 | Trave | 221 | 161 | 2 | 4 |
| 290 | Trave | 222 | 162 | 2 | 4 |
| 291 | Trave | 223 | 163 | 2 | 4 |
| 292 | Trave | 224 | 164 | 2 | 4 |
| 293 | Trave | 225 | 165 | 2 | 4 |
| 294 | Trave | 226 | 166 | 2 | 4 |
| 295 | Trave | 227 | 167 | 2 | 4 |
| 296 | Trave | 228 | 168 | 2 | 4 |
| 297 | Trave | 229 | 169 | 2 | 4 |
| 298 | Trave | 230 | 170 | 2 | 4 |
| 299 | Trave | 231 | 171 | 2 | 4 |
| 300 | Trave | 232 | 172 | 2 | 4 |
| 301 | Trave | 233 | 173 | 2 | 4 |
| 302 | Trave | 234 | 174 | 2 | 4 |
| 303 | Trave | 235 | 175 | 2 | 4 |
| 304 | Trave | 236 | 176 | 2 | 4 |
| 305 | Trave | 237 | 177 | 2 | 4 |
| 306 | Trave | 238 | 178 | 2 | 4 |
| 307 | Trave | 239 | 179 | 2 | 4 |
| 308 | Trave | 240 | 180 | 2 | 4 |
| 309 | Trave | 241 | 181 | 2 | 4 |
| 310 | Trave | 242 | 182 | 2 | 4 |
| 311 | Trave | 243 | 183 | 2 | 4 |
| 312 | Trave | 244 | 184 | 2 | 4 |
| 313 | Trave | 245 | 185 | 2 | 4 |
| 314 | Trave | 246 | 186 | 2 | 4 |
| 315 | Trave | 247 | 187 | 2 | 4 |
| 316 | Trave | 248 | 188 | 2 | 4 |
| 317 | Trave | 249 | 189 | 2 | 4 |
| 318 | Trave | 250 | 190 | 2 | 4 |
| 319 | Trave | 251 | 191 | 2 | 4 |
| 320 | Trave | 252 | 192 | 2 | 4 |
| 321 | Trave | 253 | 193 | 2 | 4 |
| 322 | Trave | 254 | 194 | 2 | 4 |
| 323 | Trave | 255 | 195 | 2 | 4 |
| 324 | Trave | 256 | 196 | 2 | 4 |
| 325 | Trave | 257 | 16 | 2 | 4 |
| 326 | Trave | 258 | 15 | 2 | 4 |
| 327 | Trave | 259 | 14 | 2 | 4 |
| 328 | Trave | 260 | 13 | 2 | 4 |
| 329 | Trave | 261 | 17 | 2 | 4 |
| 330 | Trave | 262 | 18 | 2 | 4 |
| 331 | Trave | 263 | 19 | 2 | 4 |
| 332 | Trave | 264 | 20 | 2 | 4 |
| 333 | Trave | 265 | 24 | 2 | 4 |
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| 335 | Trave | 267 | 22 | 2 | 4 |
| 336 | Trave | 268 | 21 | 2 | 4 |
| 337 | Trave | 270 | 323 | 2 | 4 |
| 338 | Trave | 269 | 324 | 2 | 4 |
| 339 | Trave | 272 | 325 | 2 | 4 |
| 340 | Trave | 271 | 326 | 2 | 4 |
| 341 | Trave | 66 | 393 | 2 | 4 |
| 342 | Trave | 68 | 394 | 2 | 4 |
| 343 | Trave | 4 | 395 | 2 | 4 |
| 344 | Trave | 8 | 396 | 2 | 4 |

| | | | | | |
|-----|-------|-----|-----|---|---|
| 345 | Trave | 277 | 40 | 2 | 4 |
| 346 | Trave | 278 | 9 | 2 | 4 |
| 347 | Trave | 279 | 42 | 2 | 4 |
| 348 | Trave | 280 | 41 | 2 | 4 |
| 349 | Trave | 281 | 38 | 2 | 4 |
| 350 | Trave | 282 | 10 | 2 | 4 |
| 351 | Trave | 283 | 36 | 2 | 4 |
| 352 | Trave | 284 | 11 | 2 | 4 |
| 353 | Trave | 285 | 34 | 2 | 4 |
| 354 | Trave | 286 | 12 | 2 | 4 |
| 355 | Trave | 287 | 48 | 2 | 4 |
| 356 | Trave | 288 | 47 | 2 | 4 |
| 357 | Trave | 289 | 46 | 2 | 4 |
| 358 | Trave | 290 | 45 | 2 | 4 |
| 359 | Trave | 291 | 44 | 2 | 4 |
| 360 | Trave | 292 | 43 | 2 | 4 |
| 361 | Trave | 293 | 56 | 2 | 4 |
| 362 | Trave | 294 | 54 | 2 | 4 |
| 363 | Trave | 295 | 52 | 2 | 4 |
| 364 | Trave | 296 | 50 | 2 | 4 |
| 365 | Trave | 297 | 55 | 2 | 4 |
| 366 | Trave | 298 | 53 | 2 | 4 |
| 367 | Trave | 299 | 51 | 2 | 4 |
| 368 | Trave | 300 | 49 | 2 | 4 |
| 369 | Trave | 301 | 64 | 2 | 4 |
| 370 | Trave | 302 | 62 | 2 | 4 |
| 371 | Trave | 303 | 60 | 2 | 4 |
| 372 | Trave | 304 | 58 | 2 | 4 |
| 373 | Trave | 305 | 63 | 2 | 4 |
| 374 | Trave | 306 | 61 | 2 | 4 |
| 375 | Trave | 307 | 59 | 2 | 4 |
| 376 | Trave | 308 | 57 | 2 | 4 |
| 377 | Trave | 319 | 327 | 2 | 4 |
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| 379 | Trave | 321 | 329 | 2 | 4 |
| 380 | Trave | 322 | 330 | 2 | 4 |
| 381 | Trave | 323 | 319 | 2 | 4 |
| 382 | Trave | 324 | 320 | 2 | 4 |
| 383 | Trave | 325 | 321 | 2 | 4 |
| 384 | Trave | 326 | 322 | 2 | 4 |
| 385 | Trave | 389 | 273 | 2 | 4 |
| 386 | Trave | 390 | 274 | 2 | 4 |
| 387 | Trave | 391 | 275 | 2 | 4 |
| 388 | Trave | 392 | 276 | 2 | 4 |
| 389 | Trave | 393 | 389 | 2 | 4 |
| 390 | Trave | 394 | 390 | 2 | 4 |
| 391 | Trave | 395 | 391 | 2 | 4 |
| 392 | Trave | 396 | 392 | 2 | 4 |
| 393 | Trave | 12 | 344 | 2 | 4 |
| 394 | Trave | 348 | 88 | 2 | 4 |
| 395 | Trave | 11 | 343 | 2 | 4 |
| 396 | Trave | 347 | 83 | 2 | 4 |
| 397 | Trave | 10 | 342 | 2 | 4 |
| 398 | Trave | 346 | 78 | 2 | 4 |
| 399 | Trave | 9 | 341 | 2 | 4 |
| 400 | Trave | 345 | 73 | 2 | 4 |
| 401 | Trave | 16 | 387 | 2 | 4 |
| 402 | Trave | 397 | 108 | 2 | 4 |
| 403 | Trave | 15 | 153 | 2 | 4 |
| 404 | Trave | 400 | 103 | 2 | 4 |
| 405 | Trave | 14 | 154 | 2 | 4 |
| 406 | Trave | 401 | 98 | 2 | 4 |
| 407 | Trave | 13 | 155 | 2 | 4 |
| 408 | Trave | 402 | 93 | 2 | 4 |
| 409 | Trave | 20 | 429 | 2 | 4 |
| 410 | Trave | 435 | 128 | 2 | 4 |
| 411 | Trave | 19 | 431 | 2 | 4 |
| 412 | Trave | 438 | 123 | 2 | 4 |
| 413 | Trave | 18 | 432 | 2 | 4 |
| 414 | Trave | 439 | 118 | 2 | 4 |
| 415 | Trave | 17 | 433 | 2 | 4 |
| 416 | Trave | 440 | 113 | 2 | 4 |
| 417 | Trave | 24 | 467 | 2 | 4 |
| 418 | Trave | 473 | 124 | 2 | 4 |
| 419 | Trave | 23 | 469 | 2 | 4 |
| 420 | Trave | 476 | 99 | 2 | 4 |
| 421 | Trave | 22 | 470 | 2 | 4 |

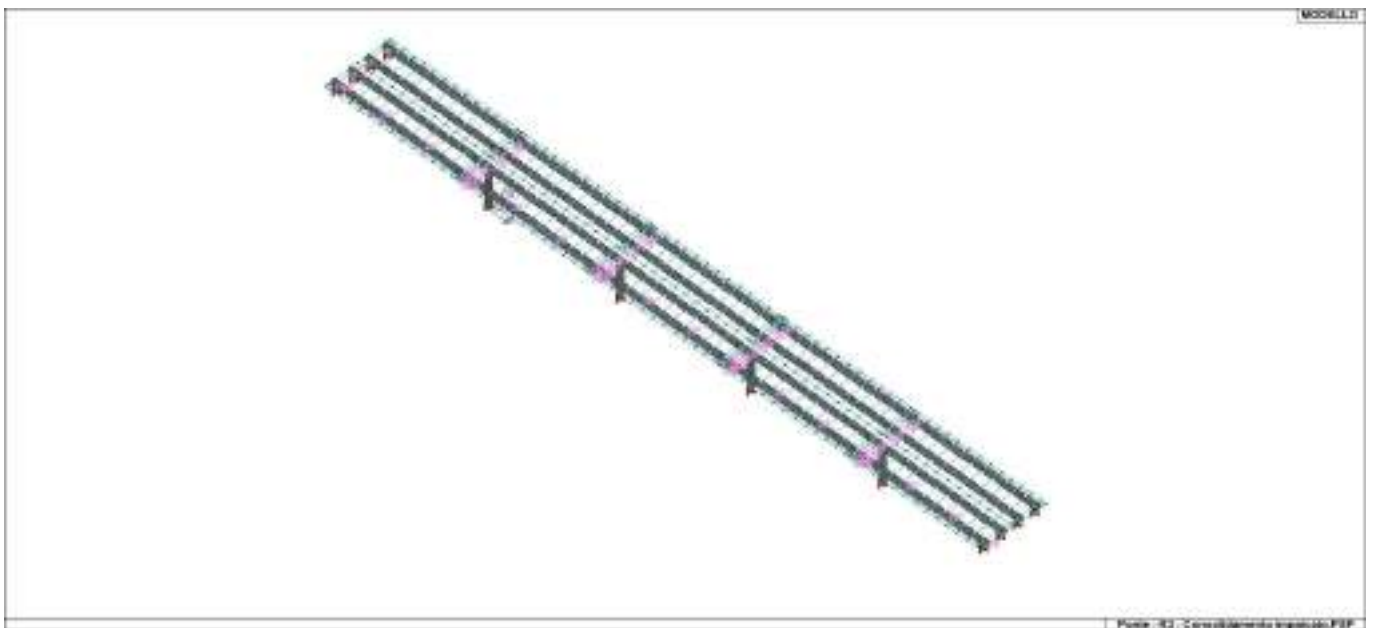
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|-----|--------|-----|-----|-----|---|--------|
| 422 | Trave | 477 | 74 | 2 | 4 | |
| 423 | Trave | 21 | 471 | 2 | 4 | |
| 424 | Trave | 478 | 133 | 2 | 4 | |
| 425 | Trave | 660 | 35 | 2 | 3 | |
| 426 | Trave | 663 | 36 | 2 | 3 | |
| 427 | Trave | 678 | 45 | 2 | 3 | |
| 428 | Trave | 680 | 46 | 2 | 3 | |
| 429 | Trave | 693 | 51 | 2 | 3 | |
| 430 | Trave | 695 | 52 | 2 | 3 | |
| 431 | Trave | 708 | 61 | 2 | 3 | |
| 432 | Trave | 710 | 62 | 2 | 3 | |
| 433 | Trave | 723 | 67 | 2 | 3 | |
| 434 | Trave | 725 | 68 | 2 | 3 | |
| 435 | Trave | 671 | 11 | 2 | 3 | |
| 436 | Trave | 683 | 15 | 2 | 3 | |
| 437 | Trave | 698 | 19 | 2 | 3 | |
| 438 | Trave | 713 | 23 | 2 | 3 | |
| 439 | Trave | 673 | 83 | 2 | 3 | |
| 440 | Trave | 688 | 103 | 2 | 3 | |
| 441 | Trave | 703 | 123 | 2 | 3 | |
| 442 | Trave | 718 | 99 | 2 | 3 | |
| 443 | Trave | 728 | 213 | 2 | 3 | |
| 444 | Trave | 667 | 269 | 2 | 3 | |
| 445 | Pilas. | 732 | 271 | 157 | 2 | 000111 |
| 446 | Pilas. | 733 | 272 | 157 | 2 | 000111 |
| 447 | Pilas. | 734 | 269 | 157 | 2 | 000111 |
| 448 | Pilas. | 735 | 270 | 157 | 2 | 000111 |
| 449 | Pilas. | 736 | 216 | 157 | 2 | 000111 |
| 450 | Pilas. | 737 | 215 | 157 | 2 | 000111 |
| 451 | Pilas. | 738 | 213 | 157 | 2 | 000111 |
| 452 | Pilas. | 739 | 214 | 157 | 2 | 000111 |



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE



15_MOD_NUMERAZIONE_D2_TRAVATE

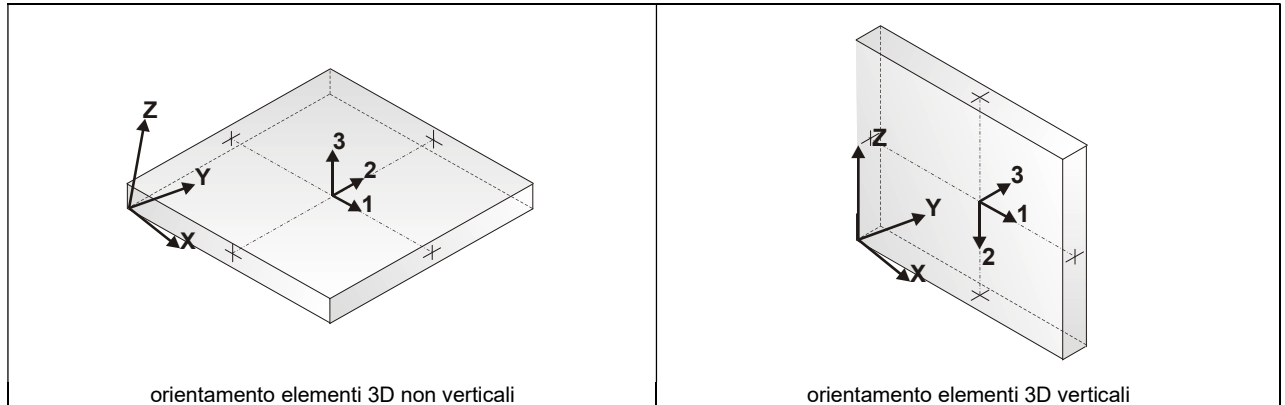
MODELLAZIONE STRUTTURALE: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.

Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



In particolare per ogni elemento viene indicato in tabella:

| | |
|-------------------------|--|
| Elem. | numero dell'elemento |
| Note | codice di comportamento: Guscio (elemento guscio in elevazione non verticale) Guscio fond. (elemento guscio su suolo elastico) Setto (elemento guscio in elevazione verticale) Membrana (elemento guscio con comportamento membranale) |
| Nodo I (J, K, L) | numero del nodo I (J, K, L) |
| Mat. | codice del materiale assegnato all'elemento |
| Spessore | spessore dell'elemento (costante) |
| Wink V | costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale |
| Wink O | costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale |

| Elem. | Note | Nodo I | Nodo J | Nodo K | Nodo L | Mat. | Spessore | Svincolo | Wink V | Wink O |
|-------|--------|--------|--------|--------|--------|------|----------|----------|---------------------|---------------------|
| | | | | | | | cm | | daN/cm ³ | daN/cm ³ |
| 1 | Guscio | 39 | 217 | 221 | 37 | 2 | 20.0 | | | |
| 2 | Guscio | 660 | 659 | 223 | 35 | 2 | 20.0 | | | |
| 3 | Guscio | 35 | 223 | 225 | 33 | 2 | 20.0 | | | |
| 4 | Guscio | 508 | 507 | 309 | 310 | 2 | 20.0 | | | |
| 5 | Guscio | 583 | 584 | 217 | 39 | 2 | 20.0 | | | |
| 6 | Guscio | 217 | 157 | 161 | 221 | 2 | 20.0 | | | |
| 7 | Guscio | 659 | 661 | 163 | 223 | 2 | 20.0 | | | |
| 8 | Guscio | 223 | 163 | 165 | 225 | 2 | 20.0 | | | |
| 9 | Guscio | 507 | 509 | 313 | 309 | 2 | 20.0 | | | |
| 10 | Guscio | 584 | 585 | 157 | 217 | 2 | 20.0 | | | |
| 11 | Guscio | 157 | 277 | 281 | 161 | 2 | 20.0 | | | |
| 12 | Guscio | 661 | 662 | 283 | 163 | 2 | 20.0 | | | |
| 13 | Guscio | 163 | 283 | 285 | 165 | 2 | 20.0 | | | |
| 14 | Guscio | 509 | 510 | 315 | 313 | 2 | 20.0 | | | |
| 15 | Guscio | 585 | 586 | 277 | 157 | 2 | 20.0 | | | |
| 16 | Guscio | 277 | 40 | 38 | 281 | 2 | 20.0 | | | |
| 17 | Guscio | 662 | 663 | 36 | 283 | 2 | 20.0 | | | |
| 18 | Guscio | 283 | 36 | 34 | 285 | 2 | 20.0 | | | |
| 19 | Guscio | 510 | 511 | 317 | 315 | 2 | 20.0 | | | |
| 20 | Guscio | 586 | 587 | 40 | 277 | 2 | 20.0 | | | |
| 21 | Guscio | 512 | 508 | 310 | 331 | 2 | 20.0 | | | |
| 22 | Guscio | 588 | 583 | 39 | 330 | 2 | 20.0 | | | |
| 23 | Guscio | 330 | 39 | 37 | 329 | 2 | 20.0 | | | |
| 24 | Guscio | 664 | 660 | 35 | 328 | 2 | 20.0 | | | |
| 25 | Guscio | 328 | 35 | 33 | 327 | 2 | 20.0 | | | |
| 26 | Guscio | 513 | 512 | 331 | 333 | 2 | 20.0 | | | |
| 27 | Guscio | 589 | 588 | 330 | 322 | 2 | 20.0 | | | |
| 28 | Guscio | 322 | 330 | 329 | 321 | 2 | 20.0 | | | |
| 29 | Guscio | 665 | 664 | 328 | 320 | 2 | 20.0 | | | |
| 30 | Guscio | 320 | 328 | 327 | 319 | 2 | 20.0 | | | |
| 31 | Guscio | 514 | 513 | 333 | 335 | 2 | 20.0 | | | |
| 32 | Guscio | 590 | 589 | 322 | 326 | 2 | 20.0 | | | |

| | | | | | | | |
|-----|--------|-----|-----|-----|-----|---|------|
| 33 | Guscio | 326 | 322 | 321 | 325 | 2 | 20.0 |
| 34 | Guscio | 666 | 665 | 320 | 324 | 2 | 20.0 |
| 35 | Guscio | 324 | 320 | 319 | 323 | 2 | 20.0 |
| 36 | Guscio | 515 | 514 | 335 | 337 | 2 | 20.0 |
| 37 | Guscio | 591 | 590 | 326 | 271 | 2 | 20.0 |
| 38 | Guscio | 271 | 326 | 325 | 272 | 2 | 20.0 |
| 39 | Guscio | 667 | 666 | 324 | 269 | 2 | 20.0 |
| 40 | Guscio | 269 | 324 | 323 | 270 | 2 | 20.0 |
| 41 | Guscio | 516 | 515 | 337 | 340 | 2 | 20.0 |
| 42 | Guscio | 592 | 591 | 271 | 25 | 2 | 20.0 |
| 43 | Guscio | 25 | 271 | 272 | 26 | 2 | 20.0 |
| 44 | Guscio | 657 | 667 | 269 | 27 | 2 | 20.0 |
| 45 | Guscio | 27 | 269 | 270 | 28 | 2 | 20.0 |
| 46 | Guscio | 511 | 517 | 349 | 317 | 2 | 20.0 |
| 47 | Guscio | 587 | 593 | 218 | 40 | 2 | 20.0 |
| 48 | Guscio | 40 | 218 | 222 | 38 | 2 | 20.0 |
| 49 | Guscio | 663 | 668 | 224 | 36 | 2 | 20.0 |
| 50 | Guscio | 36 | 224 | 226 | 34 | 2 | 20.0 |
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| 53 | Guscio | 218 | 158 | 162 | 222 | 2 | 20.0 |
| 54 | Guscio | 668 | 669 | 164 | 224 | 2 | 20.0 |
| 55 | Guscio | 224 | 164 | 166 | 226 | 2 | 20.0 |
| 56 | Guscio | 518 | 519 | 353 | 351 | 2 | 20.0 |
| 57 | Guscio | 594 | 595 | 278 | 158 | 2 | 20.0 |
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| 59 | Guscio | 669 | 670 | 284 | 164 | 2 | 20.0 |
| 60 | Guscio | 164 | 284 | 286 | 166 | 2 | 20.0 |
| 61 | Guscio | 519 | 520 | 355 | 353 | 2 | 20.0 |
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| 65 | Guscio | 284 | 11 | 12 | 286 | 2 | 20.0 |
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| 77 | Guscio | 599 | 600 | 220 | 73 | 2 | 20.0 |
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| 80 | Guscio | 83 | 230 | 228 | 88 | 2 | 20.0 |
| 81 | Guscio | 524 | 525 | 365 | 363 | 2 | 20.0 |
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| 83 | Guscio | 220 | 160 | 172 | 232 | 2 | 20.0 |
| 84 | Guscio | 675 | 676 | 170 | 230 | 2 | 20.0 |
| 85 | Guscio | 230 | 170 | 168 | 228 | 2 | 20.0 |
| 86 | Guscio | 525 | 526 | 367 | 365 | 2 | 20.0 |
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| 94 | Guscio | 677 | 678 | 45 | 290 | 2 | 20.0 |
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| 107 | Guscio | 606 | 607 | 260 | 140 | 2 | 20.0 |
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| 114 | Guscio | 682 | 683 | 15 | 258 | 2 | 20.0 |
| 115 | Guscio | 258 | 15 | 16 | 257 | 2 | 20.0 |
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| 118 | Guscio | 45 | 229 | 227 | 47 | 2 | 20.0 |
| 119 | Guscio | 527 | 533 | 381 | 369 | 2 | 20.0 |
| 120 | Guscio | 603 | 609 | 219 | 41 | 2 | 20.0 |
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| 123 | Guscio | 229 | 169 | 167 | 227 | 2 | 20.0 |
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| 143 | Guscio | 689 | 688 | 103 | 400 | 2 | 20.0 |
| 144 | Guscio | 402 | 93 | 98 | 401 | 2 | 20.0 |
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| 147 | Guscio | 613 | 614 | 237 | 93 | 2 | 20.0 |
| 148 | Guscio | 93 | 237 | 238 | 98 | 2 | 20.0 |
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| 150 | Guscio | 103 | 239 | 240 | 108 | 2 | 20.0 |
| 151 | Guscio | 539 | 540 | 407 | 405 | 2 | 20.0 |
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| 154 | Guscio | 690 | 691 | 179 | 239 | 2 | 20.0 |
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| 161 | Guscio | 541 | 542 | 411 | 409 | 2 | 20.0 |
| 162 | Guscio | 616 | 617 | 55 | 297 | 2 | 20.0 |
| 163 | Guscio | 297 | 55 | 53 | 298 | 2 | 20.0 |
| 164 | Guscio | 692 | 693 | 51 | 299 | 2 | 20.0 |
| 165 | Guscio | 299 | 51 | 49 | 300 | 2 | 20.0 |
| 166 | Guscio | 544 | 543 | 413 | 414 | 2 | 20.0 |
| 167 | Guscio | 618 | 619 | 201 | 56 | 2 | 20.0 |
| 168 | Guscio | 56 | 201 | 202 | 54 | 2 | 20.0 |
| 169 | Guscio | 695 | 694 | 203 | 52 | 2 | 20.0 |
| 170 | Guscio | 52 | 203 | 204 | 50 | 2 | 20.0 |
| 171 | Guscio | 543 | 545 | 417 | 413 | 2 | 20.0 |
| 172 | Guscio | 619 | 620 | 141 | 201 | 2 | 20.0 |
| 173 | Guscio | 201 | 141 | 142 | 202 | 2 | 20.0 |
| 174 | Guscio | 694 | 696 | 143 | 203 | 2 | 20.0 |
| 175 | Guscio | 203 | 143 | 144 | 204 | 2 | 20.0 |
| 176 | Guscio | 545 | 546 | 419 | 417 | 2 | 20.0 |
| 177 | Guscio | 620 | 621 | 261 | 141 | 2 | 20.0 |
| 178 | Guscio | 141 | 261 | 262 | 142 | 2 | 20.0 |
| 179 | Guscio | 696 | 697 | 263 | 143 | 2 | 20.0 |
| 180 | Guscio | 143 | 263 | 264 | 144 | 2 | 20.0 |
| 181 | Guscio | 546 | 547 | 421 | 419 | 2 | 20.0 |
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| 183 | Guscio | 261 | 17 | 18 | 262 | 2 | 20.0 |
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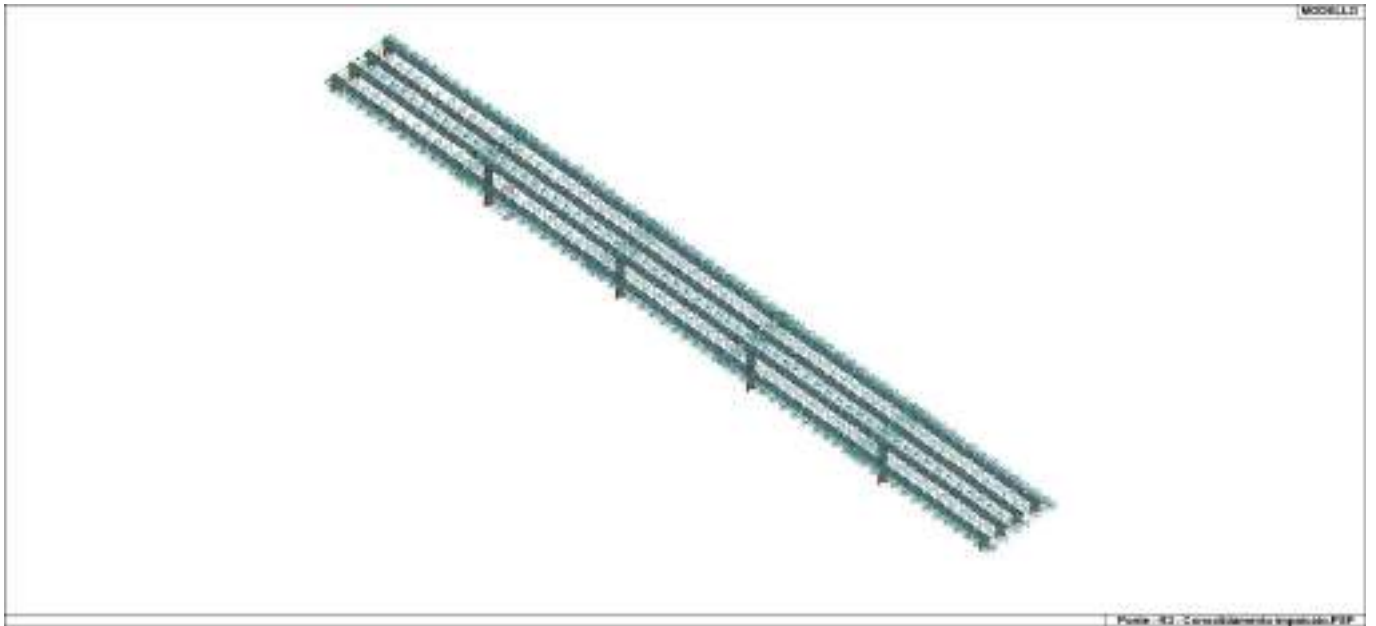
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| 197 | Guscio | 700 | 701 | 295 | 175 | 2 | 20.0 |
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| 199 | Guscio | 549 | 550 | 427 | 425 | 2 | 20.0 |
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| 201 | Guscio | 293 | 56 | 54 | 294 | 2 | 20.0 |
| 202 | Guscio | 701 | 695 | 52 | 295 | 2 | 20.0 |
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| 204 | Guscio | 550 | 544 | 414 | 427 | 2 | 20.0 |
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| 206 | Guscio | 547 | 551 | 430 | 421 | 2 | 20.0 |
| 207 | Guscio | 19 | 431 | 429 | 20 | 2 | 20.0 |
| 208 | Guscio | 698 | 702 | 431 | 19 | 2 | 20.0 |
| 209 | Guscio | 17 | 433 | 432 | 18 | 2 | 20.0 |
| 210 | Guscio | 622 | 626 | 433 | 17 | 2 | 20.0 |
| 211 | Guscio | 553 | 552 | 436 | 437 | 2 | 20.0 |
| 212 | Guscio | 438 | 123 | 128 | 435 | 2 | 20.0 |
| 213 | Guscio | 704 | 703 | 123 | 438 | 2 | 20.0 |
| 214 | Guscio | 440 | 113 | 118 | 439 | 2 | 20.0 |
| 215 | Guscio | 627 | 628 | 113 | 440 | 2 | 20.0 |
| 216 | Guscio | 552 | 554 | 443 | 436 | 2 | 20.0 |
| 217 | Guscio | 628 | 629 | 248 | 113 | 2 | 20.0 |
| 218 | Guscio | 113 | 248 | 247 | 118 | 2 | 20.0 |
| 219 | Guscio | 703 | 705 | 246 | 123 | 2 | 20.0 |
| 220 | Guscio | 123 | 246 | 245 | 128 | 2 | 20.0 |
| 221 | Guscio | 554 | 555 | 445 | 443 | 2 | 20.0 |
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| 223 | Guscio | 248 | 188 | 187 | 247 | 2 | 20.0 |
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| 227 | Guscio | 630 | 631 | 308 | 188 | 2 | 20.0 |
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| 229 | Guscio | 706 | 707 | 306 | 186 | 2 | 20.0 |
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| 231 | Guscio | 556 | 557 | 449 | 447 | 2 | 20.0 |
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| 234 | Guscio | 707 | 708 | 61 | 306 | 2 | 20.0 |
| 235 | Guscio | 306 | 61 | 63 | 305 | 2 | 20.0 |
| 236 | Guscio | 559 | 558 | 451 | 452 | 2 | 20.0 |
| 237 | Guscio | 633 | 634 | 208 | 58 | 2 | 20.0 |
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| 241 | Guscio | 558 | 560 | 455 | 451 | 2 | 20.0 |
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| 247 | Guscio | 635 | 636 | 268 | 148 | 2 | 20.0 |
| 248 | Guscio | 148 | 268 | 267 | 147 | 2 | 20.0 |
| 249 | Guscio | 711 | 712 | 266 | 146 | 2 | 20.0 |
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| 263 | Guscio | 242 | 182 | 181 | 241 | 2 | 20.0 |

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|-----|--------|-----|-----|-----|-----|---|------|
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| 279 | Guscio | 21 | 471 | 470 | 22 | 2 | 20.0 |
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| 281 | Guscio | 568 | 567 | 474 | 475 | 2 | 20.0 |
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| 288 | Guscio | 133 | 256 | 255 | 74 | 2 | 20.0 |
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| 292 | Guscio | 644 | 645 | 196 | 256 | 2 | 20.0 |
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| 325 | Guscio | 274 | 213 | 214 | 273 | 2 | 20.0 |
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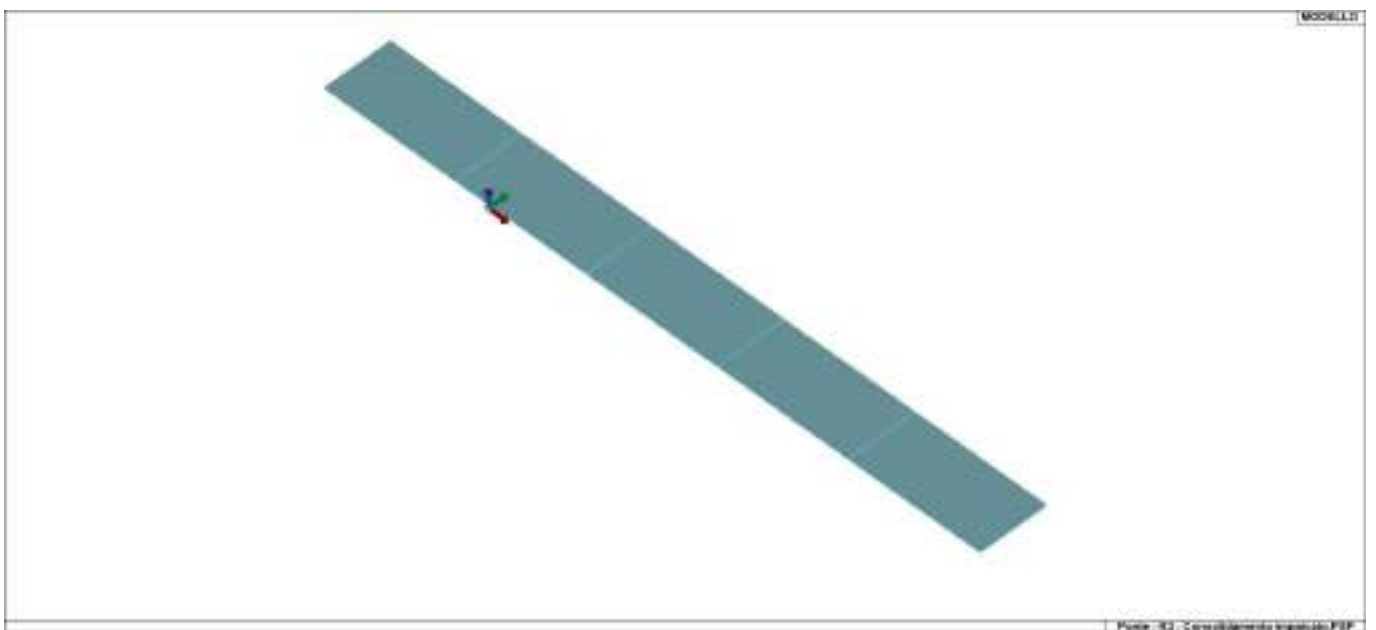
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| 375 | Guscio | 227 | 167 | 534 | 533 | 2 | 20.0 |
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| 377 | Guscio | 287 | 48 | 529 | 535 | 2 | 20.0 |
| 378 | Guscio | 16 | 387 | 536 | 532 | 2 | 20.0 |
| 379 | Guscio | 397 | 108 | 537 | 538 | 2 | 20.0 |
| 380 | Guscio | 108 | 240 | 539 | 537 | 2 | 20.0 |
| 381 | Guscio | 240 | 180 | 540 | 539 | 2 | 20.0 |
| 382 | Guscio | 180 | 300 | 541 | 540 | 2 | 20.0 |
| 383 | Guscio | 300 | 49 | 542 | 541 | 2 | 20.0 |
| 384 | Guscio | 50 | 204 | 543 | 544 | 2 | 20.0 |
| 385 | Guscio | 204 | 144 | 545 | 543 | 2 | 20.0 |
| 386 | Guscio | 144 | 264 | 546 | 545 | 2 | 20.0 |
| 387 | Guscio | 264 | 20 | 547 | 546 | 2 | 20.0 |
| 388 | Guscio | 49 | 236 | 548 | 542 | 2 | 20.0 |
| 389 | Guscio | 236 | 176 | 549 | 548 | 2 | 20.0 |
| 390 | Guscio | 176 | 296 | 550 | 549 | 2 | 20.0 |
| 391 | Guscio | 296 | 50 | 544 | 550 | 2 | 20.0 |
| 392 | Guscio | 20 | 429 | 551 | 547 | 2 | 20.0 |
| 393 | Guscio | 435 | 128 | 552 | 553 | 2 | 20.0 |
| 394 | Guscio | 128 | 245 | 554 | 552 | 2 | 20.0 |
| 395 | Guscio | 245 | 185 | 555 | 554 | 2 | 20.0 |
| 396 | Guscio | 185 | 305 | 556 | 555 | 2 | 20.0 |
| 397 | Guscio | 305 | 63 | 557 | 556 | 2 | 20.0 |
| 398 | Guscio | 64 | 205 | 558 | 559 | 2 | 20.0 |
| 399 | Guscio | 205 | 145 | 560 | 558 | 2 | 20.0 |
| 400 | Guscio | 145 | 265 | 561 | 560 | 2 | 20.0 |
| 401 | Guscio | 265 | 24 | 562 | 561 | 2 | 20.0 |
| 402 | Guscio | 63 | 241 | 563 | 557 | 2 | 20.0 |
| 403 | Guscio | 241 | 181 | 564 | 563 | 2 | 20.0 |
| 404 | Guscio | 181 | 301 | 565 | 564 | 2 | 20.0 |
| 405 | Guscio | 301 | 64 | 559 | 565 | 2 | 20.0 |
| 406 | Guscio | 24 | 467 | 566 | 562 | 2 | 20.0 |
| 407 | Guscio | 473 | 124 | 567 | 568 | 2 | 20.0 |
| 408 | Guscio | 124 | 253 | 569 | 567 | 2 | 20.0 |
| 409 | Guscio | 253 | 193 | 570 | 569 | 2 | 20.0 |
| 410 | Guscio | 193 | 149 | 571 | 570 | 2 | 20.0 |
| 411 | Guscio | 149 | 65 | 572 | 571 | 2 | 20.0 |
| 412 | Guscio | 66 | 393 | 573 | 574 | 2 | 20.0 |
| 413 | Guscio | 393 | 389 | 575 | 573 | 2 | 20.0 |
| 414 | Guscio | 389 | 273 | 576 | 575 | 2 | 20.0 |
| 415 | Guscio | 273 | 214 | 577 | 576 | 2 | 20.0 |
| 416 | Guscio | 65 | 249 | 578 | 572 | 2 | 20.0 |
| 417 | Guscio | 249 | 189 | 579 | 578 | 2 | 20.0 |

| | | | | | | | |
|-----|--------|-----|-----|-----|-----|---|------|
| 418 | Guscio | 189 | 209 | 580 | 579 | 2 | 20.0 |
| 419 | Guscio | 209 | 66 | 574 | 580 | 2 | 20.0 |
| 420 | Guscio | 214 | 32 | 581 | 577 | 2 | 20.0 |
| 421 | Guscio | 311 | 312 | 584 | 583 | 2 | 20.0 |
| 422 | Guscio | 312 | 314 | 585 | 584 | 2 | 20.0 |
| 423 | Guscio | 314 | 316 | 586 | 585 | 2 | 20.0 |
| 424 | Guscio | 316 | 318 | 587 | 586 | 2 | 20.0 |
| 425 | Guscio | 332 | 311 | 583 | 588 | 2 | 20.0 |
| 426 | Guscio | 334 | 332 | 588 | 589 | 2 | 20.0 |
| 427 | Guscio | 336 | 334 | 589 | 590 | 2 | 20.0 |
| 428 | Guscio | 338 | 336 | 590 | 591 | 2 | 20.0 |
| 429 | Guscio | 339 | 338 | 591 | 592 | 2 | 20.0 |
| 430 | Guscio | 318 | 350 | 593 | 587 | 2 | 20.0 |
| 431 | Guscio | 350 | 352 | 594 | 593 | 2 | 20.0 |
| 432 | Guscio | 352 | 354 | 595 | 594 | 2 | 20.0 |
| 433 | Guscio | 354 | 356 | 596 | 595 | 2 | 20.0 |
| 434 | Guscio | 356 | 358 | 597 | 596 | 2 | 20.0 |
| 435 | Guscio | 361 | 362 | 599 | 598 | 2 | 20.0 |
| 436 | Guscio | 362 | 364 | 600 | 599 | 2 | 20.0 |
| 437 | Guscio | 364 | 366 | 601 | 600 | 2 | 20.0 |
| 438 | Guscio | 366 | 368 | 602 | 601 | 2 | 20.0 |
| 439 | Guscio | 368 | 370 | 603 | 602 | 2 | 20.0 |
| 440 | Guscio | 373 | 374 | 605 | 604 | 2 | 20.0 |
| 441 | Guscio | 374 | 376 | 606 | 605 | 2 | 20.0 |
| 442 | Guscio | 376 | 378 | 607 | 606 | 2 | 20.0 |
| 443 | Guscio | 378 | 380 | 608 | 607 | 2 | 20.0 |
| 444 | Guscio | 370 | 382 | 609 | 603 | 2 | 20.0 |
| 445 | Guscio | 382 | 384 | 610 | 609 | 2 | 20.0 |
| 446 | Guscio | 384 | 386 | 611 | 610 | 2 | 20.0 |
| 447 | Guscio | 386 | 373 | 604 | 611 | 2 | 20.0 |
| 448 | Guscio | 380 | 156 | 582 | 608 | 2 | 20.0 |
| 449 | Guscio | 403 | 404 | 613 | 612 | 2 | 20.0 |
| 450 | Guscio | 404 | 406 | 614 | 613 | 2 | 20.0 |
| 451 | Guscio | 406 | 408 | 615 | 614 | 2 | 20.0 |
| 452 | Guscio | 408 | 410 | 616 | 615 | 2 | 20.0 |
| 453 | Guscio | 410 | 412 | 617 | 616 | 2 | 20.0 |
| 454 | Guscio | 415 | 416 | 619 | 618 | 2 | 20.0 |
| 455 | Guscio | 416 | 418 | 620 | 619 | 2 | 20.0 |
| 456 | Guscio | 418 | 420 | 621 | 620 | 2 | 20.0 |
| 457 | Guscio | 420 | 422 | 622 | 621 | 2 | 20.0 |
| 458 | Guscio | 412 | 424 | 623 | 617 | 2 | 20.0 |
| 459 | Guscio | 424 | 426 | 624 | 623 | 2 | 20.0 |
| 460 | Guscio | 426 | 428 | 625 | 624 | 2 | 20.0 |
| 461 | Guscio | 428 | 415 | 618 | 625 | 2 | 20.0 |
| 462 | Guscio | 422 | 434 | 626 | 622 | 2 | 20.0 |
| 463 | Guscio | 441 | 442 | 628 | 627 | 2 | 20.0 |
| 464 | Guscio | 442 | 444 | 629 | 628 | 2 | 20.0 |
| 465 | Guscio | 444 | 446 | 630 | 629 | 2 | 20.0 |
| 466 | Guscio | 446 | 448 | 631 | 630 | 2 | 20.0 |
| 467 | Guscio | 448 | 450 | 632 | 631 | 2 | 20.0 |
| 468 | Guscio | 453 | 454 | 634 | 633 | 2 | 20.0 |
| 469 | Guscio | 454 | 456 | 635 | 634 | 2 | 20.0 |
| 470 | Guscio | 456 | 458 | 636 | 635 | 2 | 20.0 |
| 471 | Guscio | 458 | 460 | 637 | 636 | 2 | 20.0 |
| 472 | Guscio | 450 | 462 | 638 | 632 | 2 | 20.0 |
| 473 | Guscio | 462 | 464 | 639 | 638 | 2 | 20.0 |
| 474 | Guscio | 464 | 466 | 640 | 639 | 2 | 20.0 |
| 475 | Guscio | 466 | 453 | 633 | 640 | 2 | 20.0 |
| 476 | Guscio | 460 | 472 | 641 | 637 | 2 | 20.0 |
| 477 | Guscio | 479 | 480 | 643 | 642 | 2 | 20.0 |
| 478 | Guscio | 480 | 482 | 644 | 643 | 2 | 20.0 |
| 479 | Guscio | 482 | 484 | 645 | 644 | 2 | 20.0 |
| 480 | Guscio | 484 | 486 | 646 | 645 | 2 | 20.0 |
| 481 | Guscio | 486 | 488 | 647 | 646 | 2 | 20.0 |
| 482 | Guscio | 491 | 492 | 649 | 648 | 2 | 20.0 |
| 483 | Guscio | 492 | 494 | 650 | 649 | 2 | 20.0 |
| 484 | Guscio | 494 | 496 | 651 | 650 | 2 | 20.0 |
| 485 | Guscio | 496 | 498 | 652 | 651 | 2 | 20.0 |
| 486 | Guscio | 488 | 500 | 653 | 647 | 2 | 20.0 |
| 487 | Guscio | 500 | 502 | 654 | 653 | 2 | 20.0 |
| 488 | Guscio | 502 | 504 | 655 | 654 | 2 | 20.0 |
| 489 | Guscio | 504 | 491 | 648 | 655 | 2 | 20.0 |
| 490 | Guscio | 498 | 505 | 656 | 652 | 2 | 20.0 |
| 491 | Guscio | 37 | 221 | 659 | 660 | 2 | 20.0 |
| 492 | Guscio | 221 | 161 | 661 | 659 | 2 | 20.0 |
| 493 | Guscio | 161 | 281 | 662 | 661 | 2 | 20.0 |
| 494 | Guscio | 281 | 38 | 663 | 662 | 2 | 20.0 |

| | | | | | | | |
|-----|--------|-----|-----|-----|-----|---|------|
| 495 | Guscio | 329 | 37 | 660 | 664 | 2 | 20.0 |
| 496 | Guscio | 321 | 329 | 664 | 665 | 2 | 20.0 |
| 497 | Guscio | 325 | 321 | 665 | 666 | 2 | 20.0 |
| 498 | Guscio | 272 | 325 | 666 | 667 | 2 | 20.0 |
| 499 | Guscio | 26 | 272 | 667 | 657 | 2 | 20.0 |
| 500 | Guscio | 38 | 222 | 668 | 663 | 2 | 20.0 |
| 501 | Guscio | 222 | 162 | 669 | 668 | 2 | 20.0 |
| 502 | Guscio | 162 | 282 | 670 | 669 | 2 | 20.0 |
| 503 | Guscio | 282 | 10 | 671 | 670 | 2 | 20.0 |
| 504 | Guscio | 10 | 342 | 672 | 671 | 2 | 20.0 |
| 505 | Guscio | 346 | 78 | 673 | 674 | 2 | 20.0 |
| 506 | Guscio | 78 | 232 | 675 | 673 | 2 | 20.0 |
| 507 | Guscio | 232 | 172 | 676 | 675 | 2 | 20.0 |
| 508 | Guscio | 172 | 292 | 677 | 676 | 2 | 20.0 |
| 509 | Guscio | 292 | 43 | 678 | 677 | 2 | 20.0 |
| 510 | Guscio | 44 | 199 | 679 | 680 | 2 | 20.0 |
| 511 | Guscio | 199 | 139 | 681 | 679 | 2 | 20.0 |
| 512 | Guscio | 139 | 259 | 682 | 681 | 2 | 20.0 |
| 513 | Guscio | 259 | 14 | 683 | 682 | 2 | 20.0 |
| 514 | Guscio | 43 | 231 | 684 | 678 | 2 | 20.0 |
| 515 | Guscio | 231 | 171 | 685 | 684 | 2 | 20.0 |
| 516 | Guscio | 171 | 291 | 686 | 685 | 2 | 20.0 |
| 517 | Guscio | 291 | 44 | 680 | 686 | 2 | 20.0 |
| 518 | Guscio | 14 | 154 | 687 | 683 | 2 | 20.0 |
| 519 | Guscio | 401 | 98 | 688 | 689 | 2 | 20.0 |
| 520 | Guscio | 98 | 238 | 690 | 688 | 2 | 20.0 |
| 521 | Guscio | 238 | 178 | 691 | 690 | 2 | 20.0 |
| 522 | Guscio | 178 | 298 | 692 | 691 | 2 | 20.0 |
| 523 | Guscio | 298 | 53 | 693 | 692 | 2 | 20.0 |
| 524 | Guscio | 54 | 202 | 694 | 695 | 2 | 20.0 |
| 525 | Guscio | 202 | 142 | 696 | 694 | 2 | 20.0 |
| 526 | Guscio | 142 | 262 | 697 | 696 | 2 | 20.0 |
| 527 | Guscio | 262 | 18 | 698 | 697 | 2 | 20.0 |
| 528 | Guscio | 53 | 234 | 699 | 693 | 2 | 20.0 |
| 529 | Guscio | 234 | 174 | 700 | 699 | 2 | 20.0 |
| 530 | Guscio | 174 | 294 | 701 | 700 | 2 | 20.0 |
| 531 | Guscio | 294 | 54 | 695 | 701 | 2 | 20.0 |
| 532 | Guscio | 18 | 432 | 702 | 698 | 2 | 20.0 |
| 533 | Guscio | 439 | 118 | 703 | 704 | 2 | 20.0 |
| 534 | Guscio | 118 | 247 | 705 | 703 | 2 | 20.0 |
| 535 | Guscio | 247 | 187 | 706 | 705 | 2 | 20.0 |
| 536 | Guscio | 187 | 307 | 707 | 706 | 2 | 20.0 |
| 537 | Guscio | 307 | 59 | 708 | 707 | 2 | 20.0 |
| 538 | Guscio | 60 | 207 | 709 | 710 | 2 | 20.0 |
| 539 | Guscio | 207 | 147 | 711 | 709 | 2 | 20.0 |
| 540 | Guscio | 147 | 267 | 712 | 711 | 2 | 20.0 |
| 541 | Guscio | 267 | 22 | 713 | 712 | 2 | 20.0 |
| 542 | Guscio | 59 | 243 | 714 | 708 | 2 | 20.0 |
| 543 | Guscio | 243 | 183 | 715 | 714 | 2 | 20.0 |
| 544 | Guscio | 183 | 303 | 716 | 715 | 2 | 20.0 |
| 545 | Guscio | 303 | 60 | 710 | 716 | 2 | 20.0 |
| 546 | Guscio | 22 | 470 | 717 | 713 | 2 | 20.0 |
| 547 | Guscio | 477 | 74 | 718 | 719 | 2 | 20.0 |
| 548 | Guscio | 74 | 255 | 720 | 718 | 2 | 20.0 |
| 549 | Guscio | 255 | 195 | 721 | 720 | 2 | 20.0 |
| 550 | Guscio | 195 | 151 | 722 | 721 | 2 | 20.0 |
| 551 | Guscio | 151 | 2 | 723 | 722 | 2 | 20.0 |
| 552 | Guscio | 4 | 395 | 724 | 725 | 2 | 20.0 |
| 553 | Guscio | 395 | 391 | 726 | 724 | 2 | 20.0 |
| 554 | Guscio | 391 | 275 | 727 | 726 | 2 | 20.0 |
| 555 | Guscio | 275 | 215 | 728 | 727 | 2 | 20.0 |
| 556 | Guscio | 2 | 251 | 729 | 723 | 2 | 20.0 |
| 557 | Guscio | 251 | 191 | 730 | 729 | 2 | 20.0 |
| 558 | Guscio | 191 | 211 | 731 | 730 | 2 | 20.0 |
| 559 | Guscio | 211 | 4 | 725 | 731 | 2 | 20.0 |
| 560 | Guscio | 215 | 30 | 658 | 728 | 2 | 20.0 |



16_MOD_NUMERAZIONE_D3



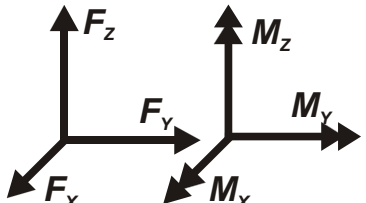
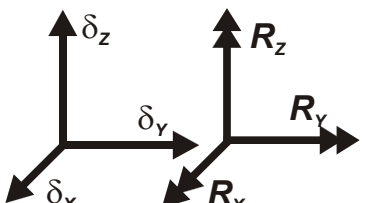
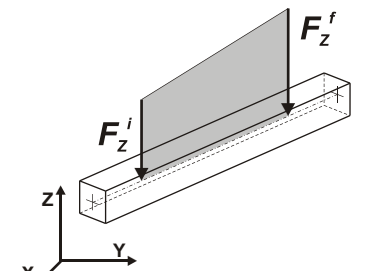
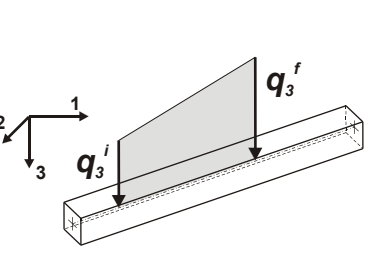
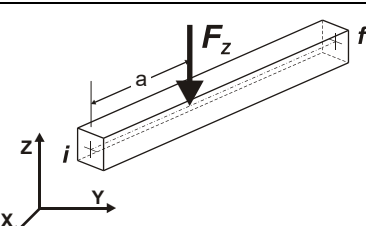
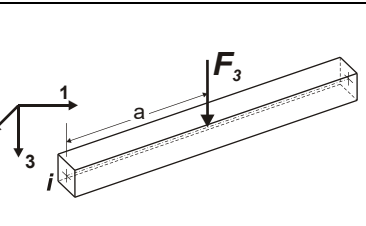
16_MOD_SPESSORI_D3

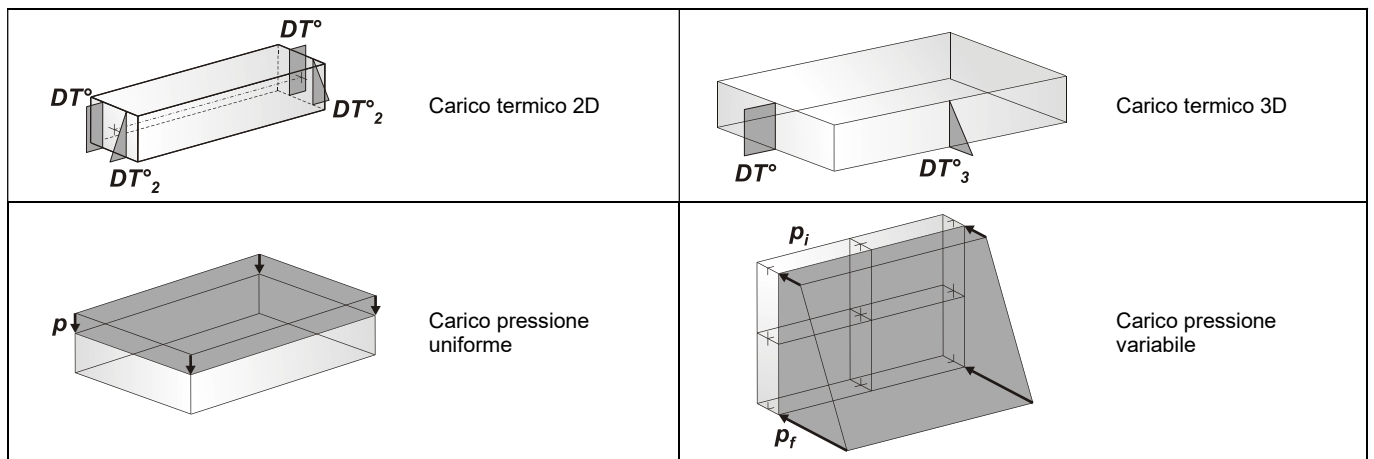
MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

| | |
|-----------|---|
| 1 | carico concentrato nodale 6 dati (forza F_x, F_y, F_z , momento M_x, M_y, M_z) |
| 2 | spostamento nodale impresso 6 dati (spostamento T_x, T_y, T_z , rotazione R_x, R_y, R_z) |
| 3 | carico distribuito globale su elemento tipo trave 7 dati ($f_x, f_y, f_z, m_x, m_y, m_z$, ascissa di inizio carico) 7 dati ($f_x, f_y, f_z, m_x, m_y, m_z$, ascissa di fine carico) |
| 4 | carico distribuito locale su elemento tipo trave 7 dati ($f_1, f_2, f_3, m_1, m_2, m_3$, ascissa di inizio carico) 7 dati ($f_1, f_2, f_3, m_1, m_2, m_3$, ascissa di fine carico) |
| 5 | carico concentrato globale su elemento tipo trave 7 dati ($F_x, F_y, F_z, M_x, M_y, M_z$, ascissa di carico) |
| 6 | carico concentrato locale su elemento tipo trave 7 dati ($F_1, F_2, F_3, M_1, M_2, M_3$, ascissa di carico) |
| 7 | variazione termica applicata ad elemento tipo trave 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale) |
| 8 | carico di pressione uniforme su elemento tipo piastra 1 dato (pressione) |
| 9 | carico di pressione variabile su elemento tipo piastra 4 dati (pressione, quota, pressione, quota) |
| 10 | variazione termica applicata ad elemento tipo piastra 2 dati (variazioni termiche: media e differenza nello spessore) |
| 11 | carico variabile generale su elementi tipo trave e piastra 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave |
| 12 | gruppo di carichi con impronta su piastra 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell'impronta, interasse tra i carichi) |

| | |
|---|---|
|  <p>Carico concentrato nodale</p> |  <p>Spostamento impresso</p> |
|  <p>Carico distribuito globale</p> |  <p>Carico distribuito locale</p> |
|  <p>Carico concentrato globale</p> |  <p>Carico concentrato locale</p> |



Tipo carico concentrato nodale

| Id | Tipo | Fx | Fy | Fz | Mx | My | Mz |
|----|-------------------------|---------|-----|-----|--------|--------|--------|
| | | daN | daN | daN | daN cm | daN cm | daN cm |
| 36 | parassita-CN:Fx=-750.00 | -750.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Tipo carico distribuito globale su trave

| Id | Tipo | Pos. | fx | fy | fz | mx | my | mz |
|----|--------------------------------|------|--------|--------|--------|-----|-----|-----|
| | | cm | daN/cm | daN/cm | daN/cm | daN | daN | daN |
| 34 | vento 1-DG:Fyi=-1.67 Fyf=-1.67 | 0.0 | 0.0 | -1.67 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 0.0 | 0.0 | -1.67 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35 | vento 2-DG:Fyi=1.67 Fyf=1.67 | 0.0 | 0.0 | 1.67 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 0.0 | 0.0 | 1.67 | 0.0 | 0.0 | 0.0 | 0.0 |

Tipo carico variabile generale

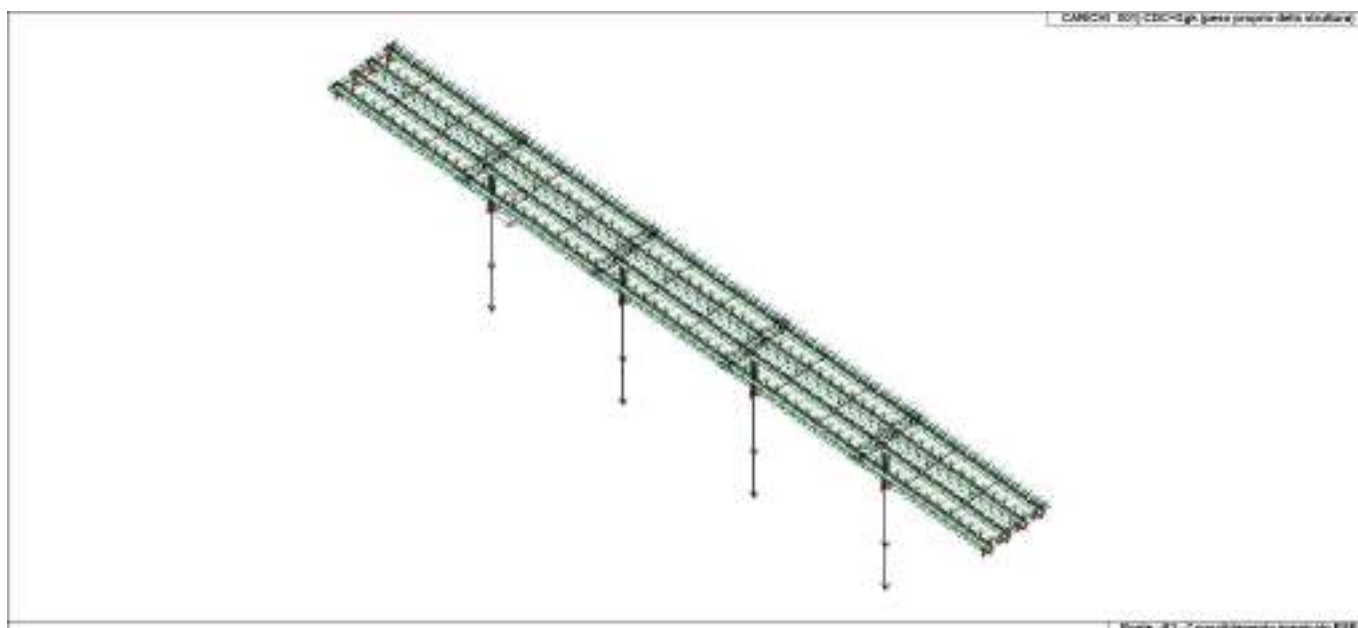
| Id | Tipo | ascissa | valore | ascissa | valore |
|----|--------------------------------|---------|---------|---------|---------|
| | | cm | daN/cm2 | cm | daN/cm2 |
| 1 | guard rail-QV:unif - Qz - Area | | | | |
| | Unif. Qz Area L2=0.0 | | -0.05 | | |
| 2 | cordolo-QV:unif - Qz - Area | | | | |
| | Unif. Qz Area L2=0.0 | | -0.09 | | |
| 3 | asfalto-QV:unif - Qz - Area | | | | |
| | Unif. Qz Area L2=0.0 | | -0.02 | | |
| 4 | folla1-QV:unif - Qz - Area | | | | |
| | Unif. Qz Area L2=0.0 | | -0.09 | | |
| 5 | folla2-QV:unif - Qz - Area | | | | |
| | Unif. Qz Area L2=0.0 | | -0.03 | | |
| 32 | frenamento-QV:unif - Qy - Area | | | | |
| | Unif. Qy Area L2=0.0 | | -0.01 | | |
| 33 | neve-QV:unif - Qz - Area | | | | |
| | Unif. Qz Area L2=0.0 | | -0.03 | | |

Tipo gruppo di carichi con impronta su piastra

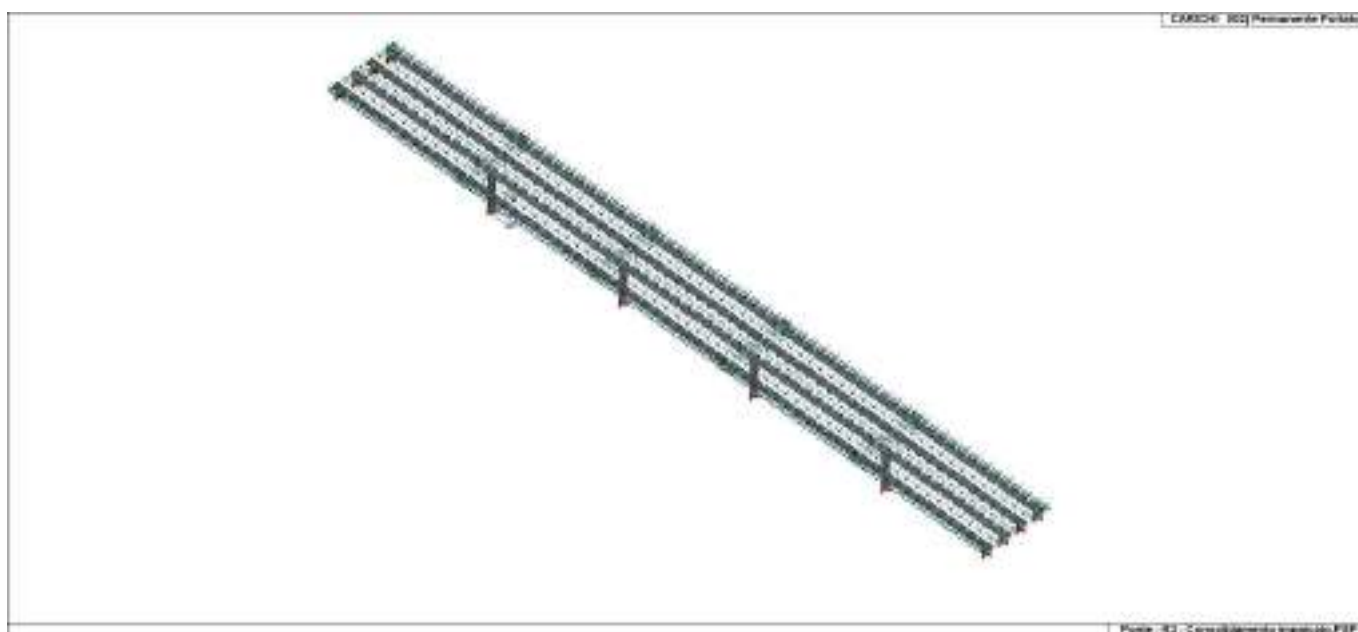
| Id | Tipo | Ripet. X | Ripet. Y | Carico FZ | Centro X | Centro Y | dim. X | dim. Y | Passo X | Passo Y |
|----|--|----------|----------|------------|----------|----------|--------|--------|---------|---------|
| | | | | daN | cm | cm | cm | cm | cm | cm |
| 6 | campata 1 - Q1k-A-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | -1205.00 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 7 | campata 1 - Q2k-A-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | -1205.00 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 8 | campata 1 - Q1k-B-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | -672.50 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 9 | campata 1 - Q2k-B-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | -672.50 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 10 | campata 1 - Q1k-C-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | -150.00 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 11 | campata 1 - Q2k-C-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | -150.00 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 12 | campata 2 - Q1k-A-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 30.00 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 13 | campata 2 - Q2k-A-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 30.00 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 14 | campata 2 - Q1k-B-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 552.50 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 15 | campata 2 - Q2k-B-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 552.50 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 16 | campata 2 - Q1k-C-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 1075.00 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 17 | campata 2 - Q2k-C-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 1075.00 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 18 | campata 3 - Q1k-A-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 1225.00 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 19 | campata 3 - Q2k-A-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 1225.00 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 20 | campata 3 - Q1k-B-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 1777.50 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 21 | campata 3 - Q2k-B-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 1777.50 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 22 | campata 3 - Q1k-C-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 2300.00 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 23 | campata 3 - Q2k-C-CGL:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 2300.00 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 24 | campata 4 - Q1k-A-CGL:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 2811.67 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |

| Tipo gruppo di carichi con impronta su piastra | | | | | | | | | | |
|--|--|----------|----------|------------|----------|----------|--------|--------|---------|---------|
| Id | Tipo | Ripet. X | Ripet. Y | Carico FZ | Centro X | Centro Y | dim. X | dim. Y | Passo X | Passo Y |
| 25 | campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 2811.67 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 26 | campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 3193.33 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 27 | campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 3193.33 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 28 | campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 4036.67 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 29 | campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 4036.67 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 30 | campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04 | 2 | 2 | -1.500e+04 | 4418.33 | 41.00 | 40.00 | 40.00 | 120.00 | 200.00 |
| 31 | campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04 | 2 | 2 | -1.000e+04 | 4418.33 | -241.00 | 40.00 | 40.00 | 120.00 | 200.00 |

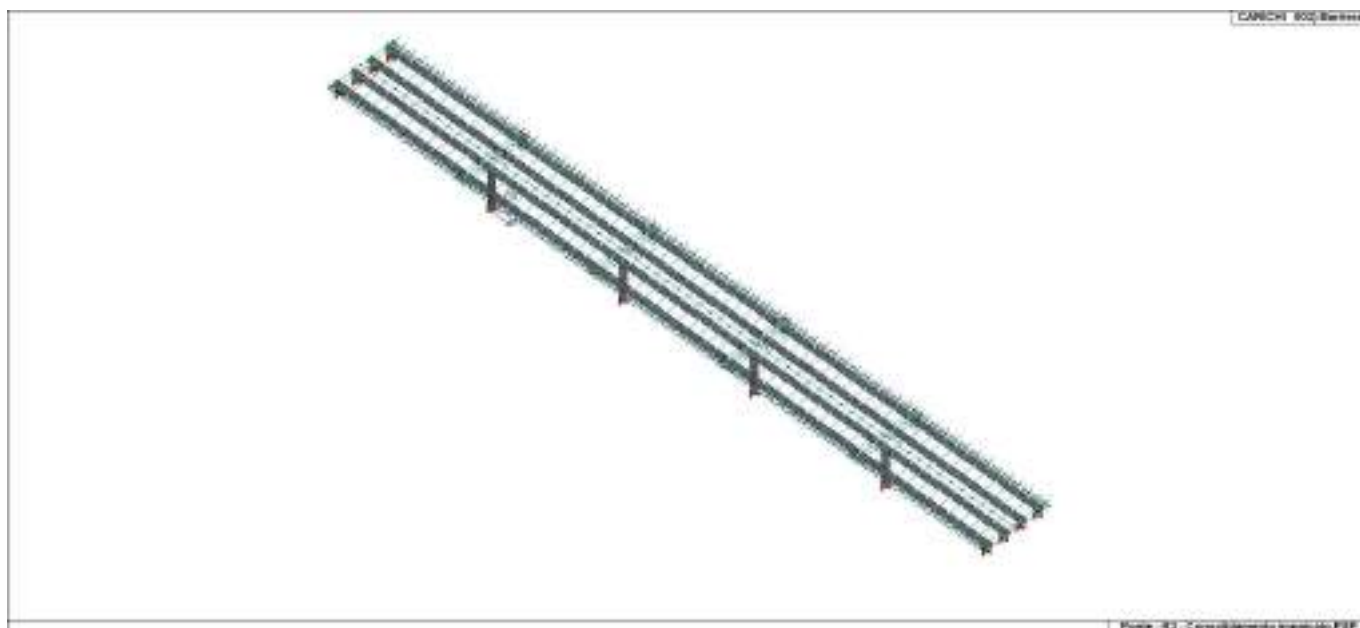
SCHEMATIZZAZIONE DEI CASI DI CARICO



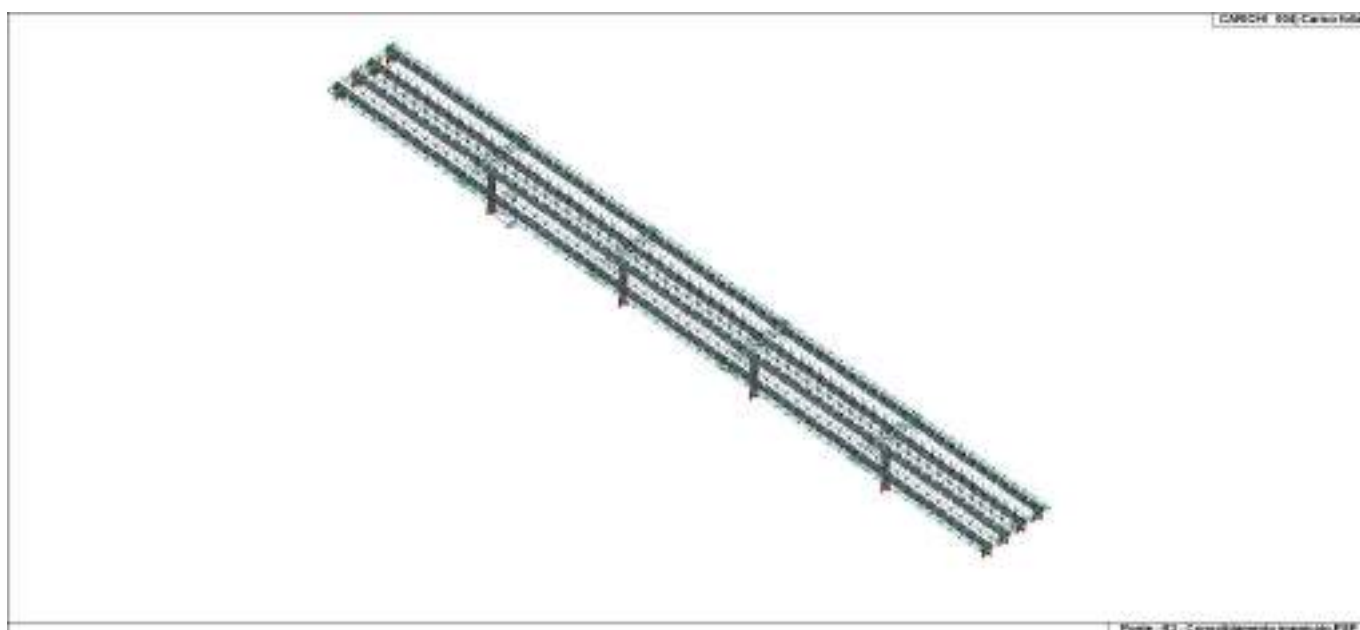
22_CDC_001_CDC=Ggk (peso proprio della struttura)



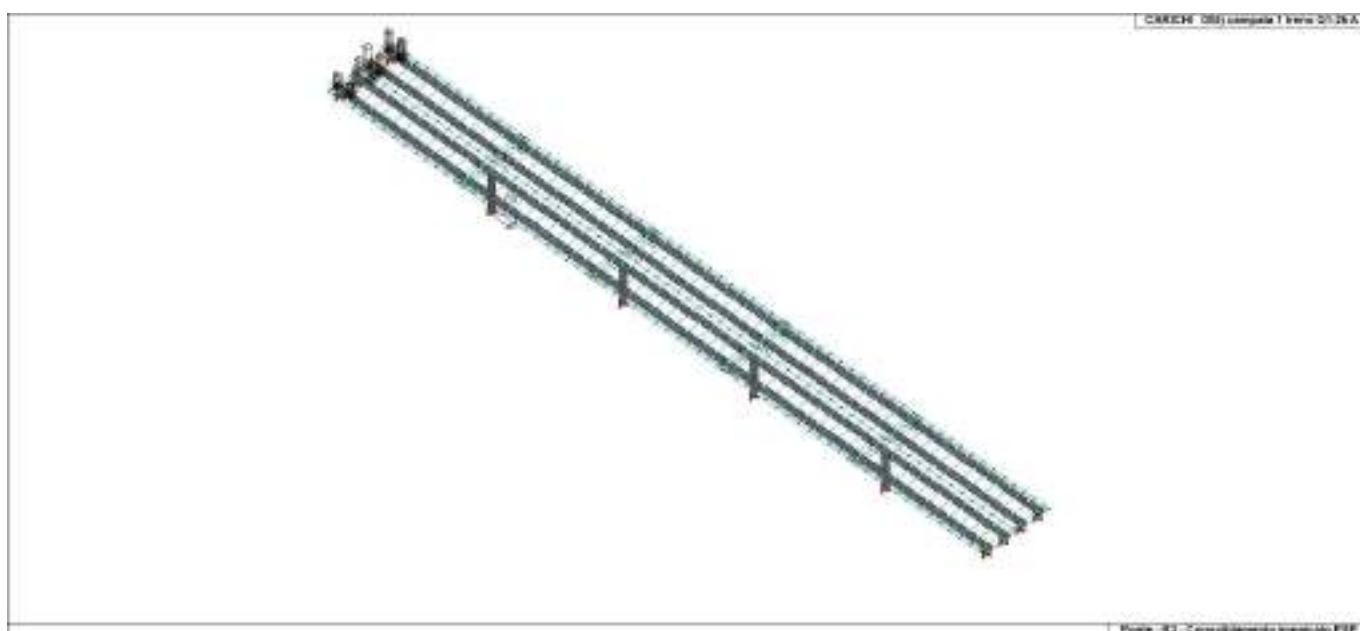
22_CDC_002_Permanente Portato



22_CDC_003_Barriera



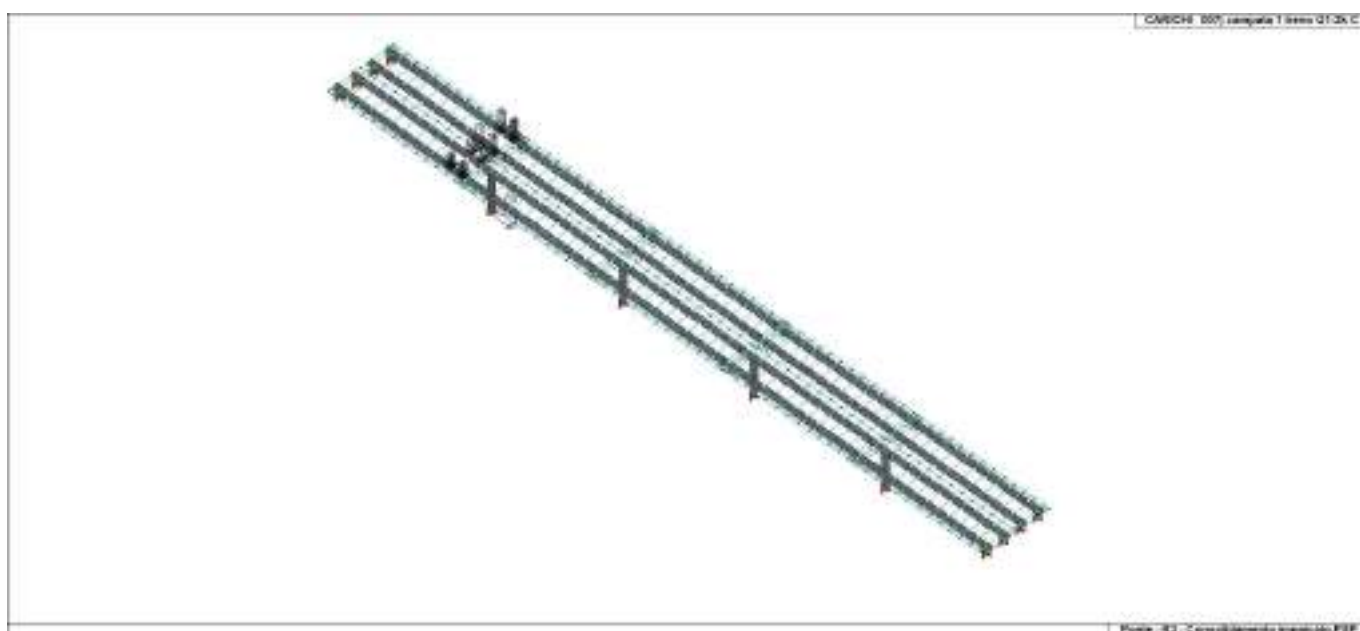
22_CDC_004_Carico folla



22_CDC_005_campata 1 treno Q1-2k A



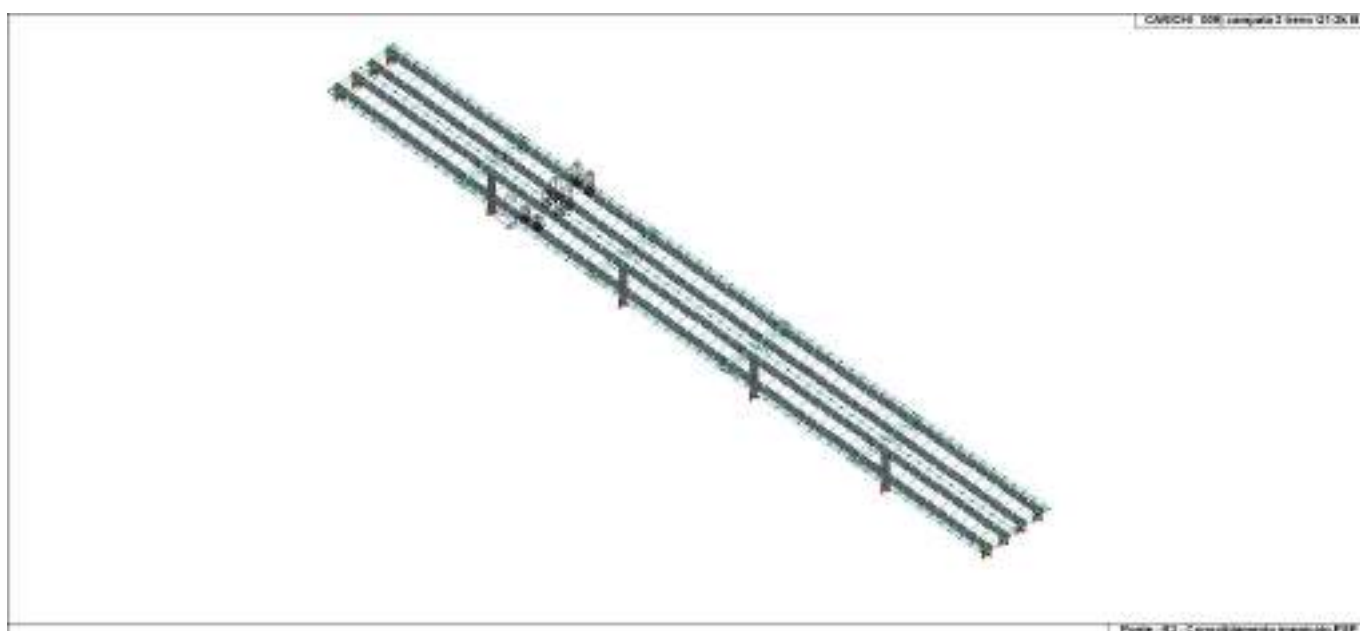
22_CDC_006_campata 1 treno Q1-2k B



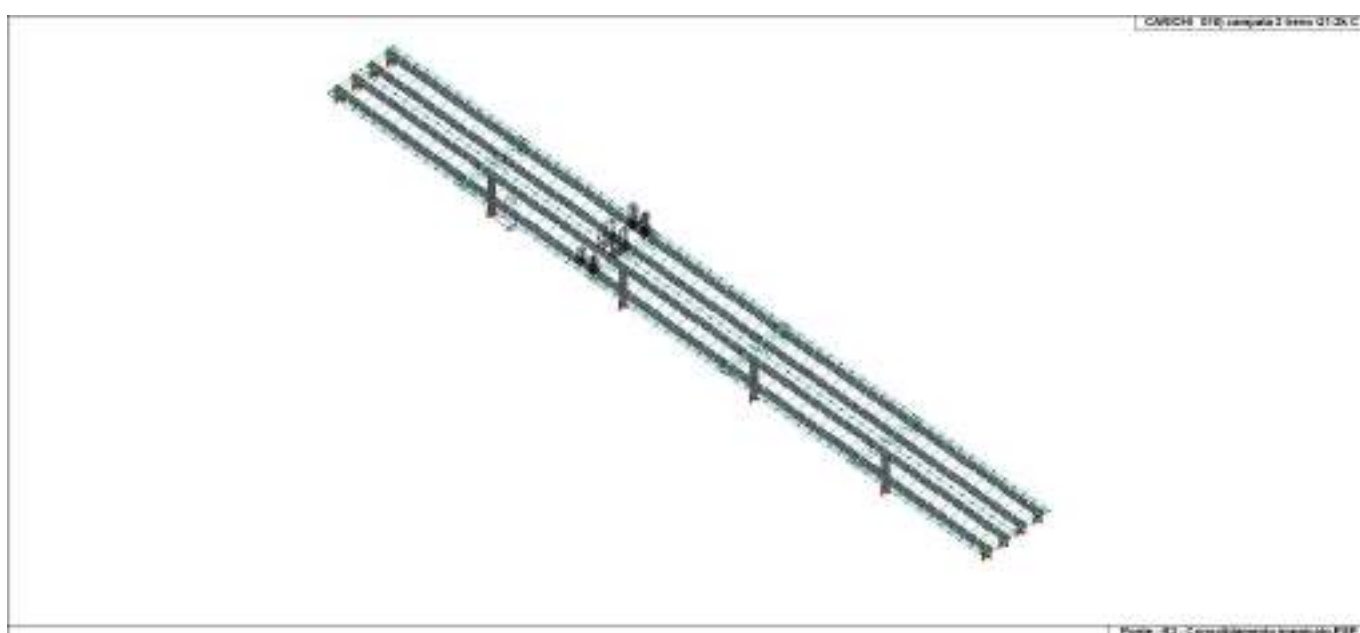
22_CDC_007_campata 1 treno Q1-2k C



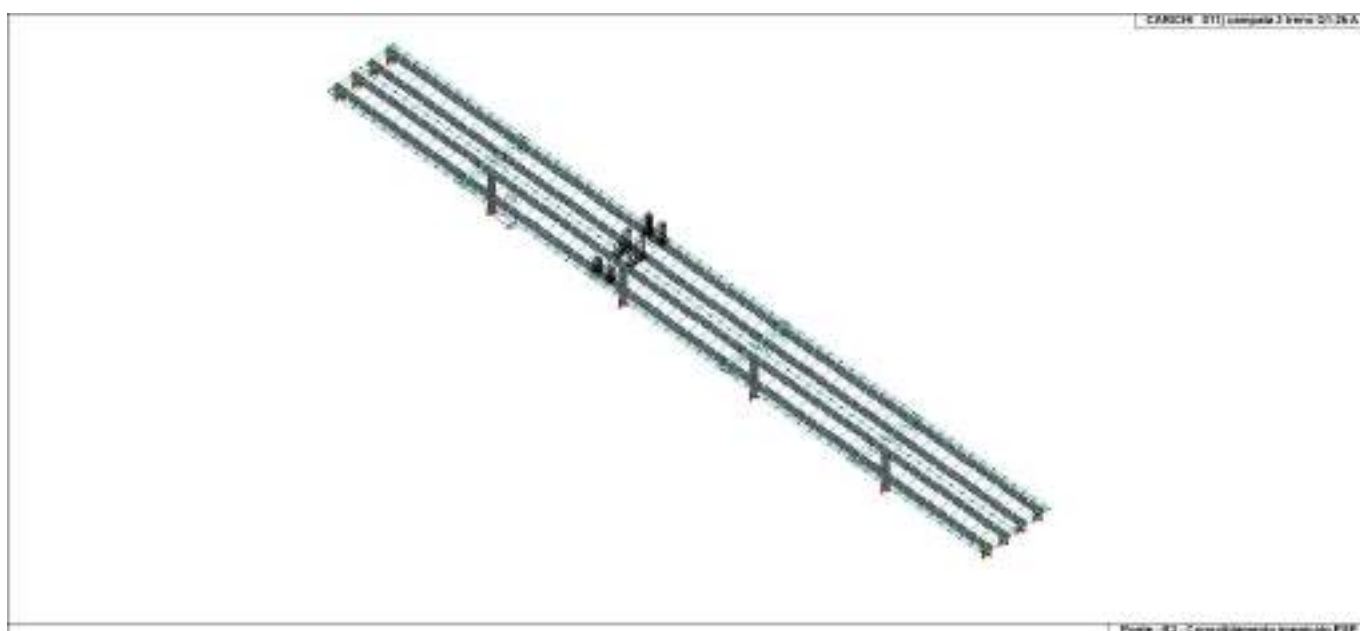
22_CDC_008_campata 2 treno Q1-2k A



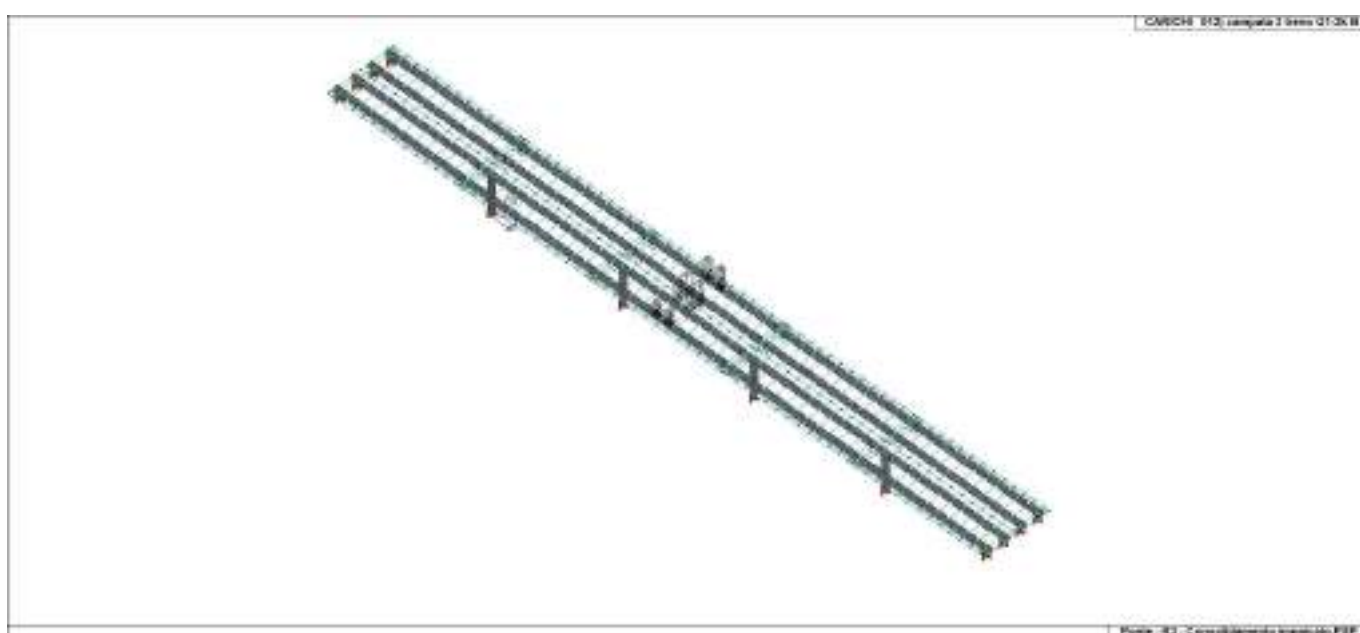
22_CDC_009_campata 2 treno Q1-2k B



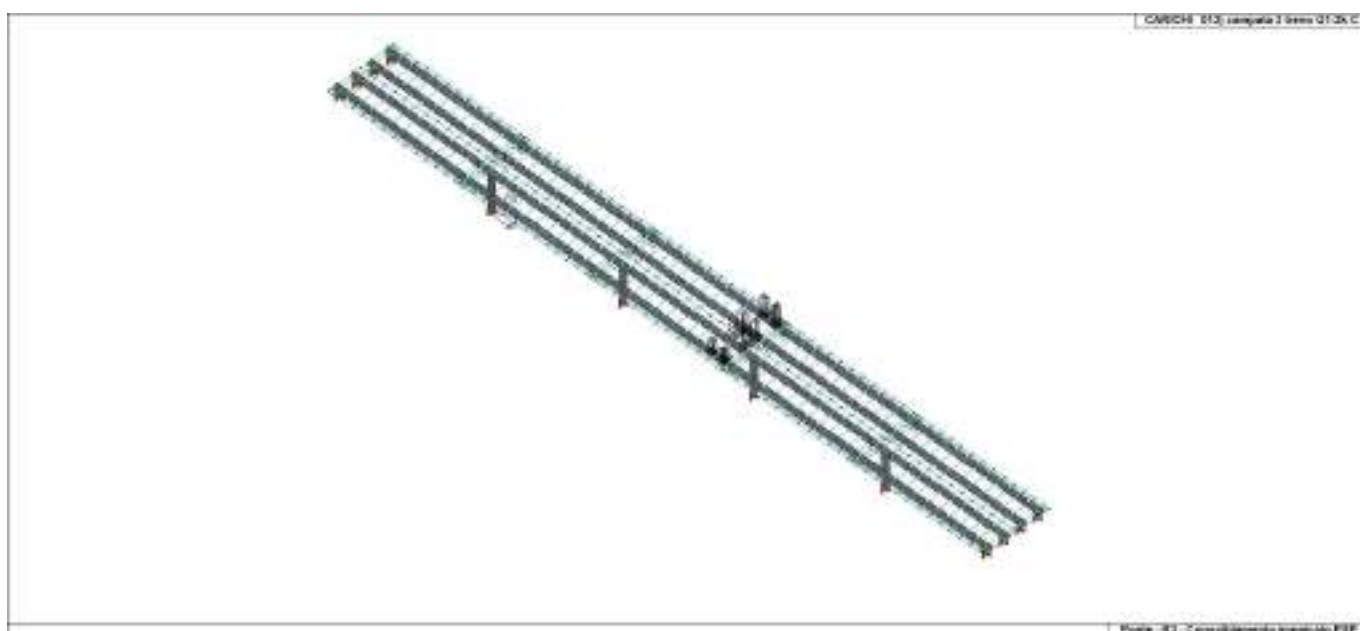
22_CDC_010_campata 2 treno Q1-2k C



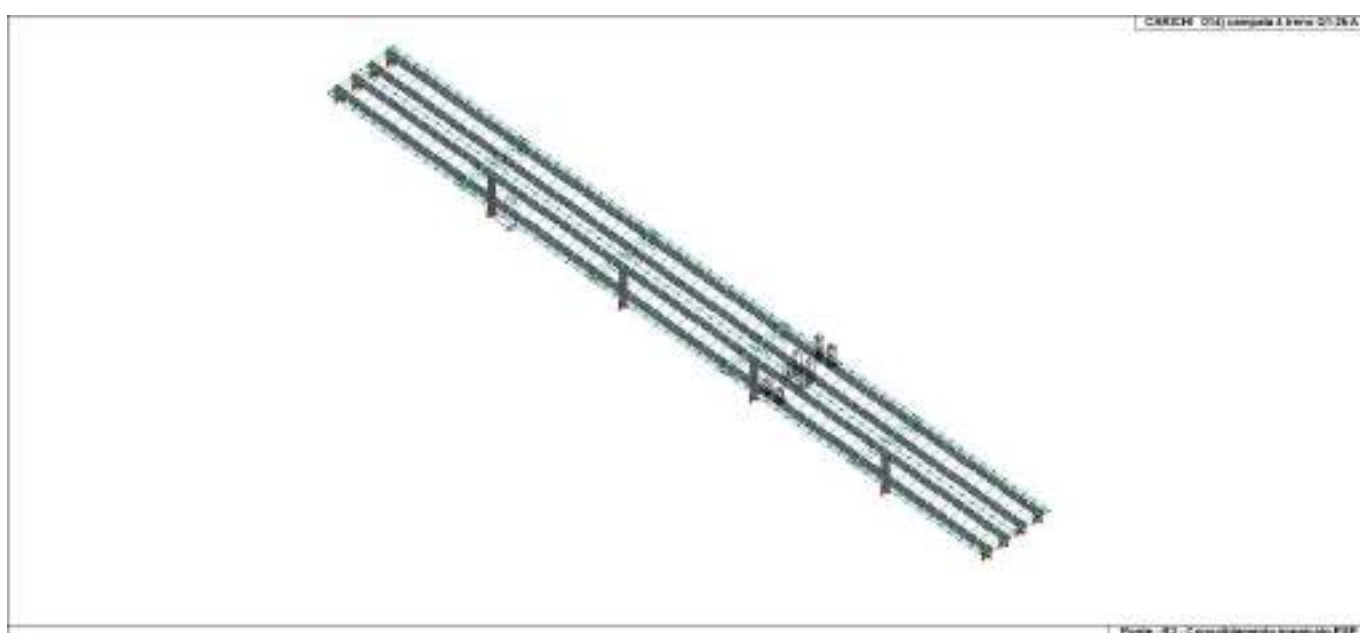
22_CDC_011_campata 3 treno Q1-2k A



22_CDC_012_campata 3 treno Q1-2k B



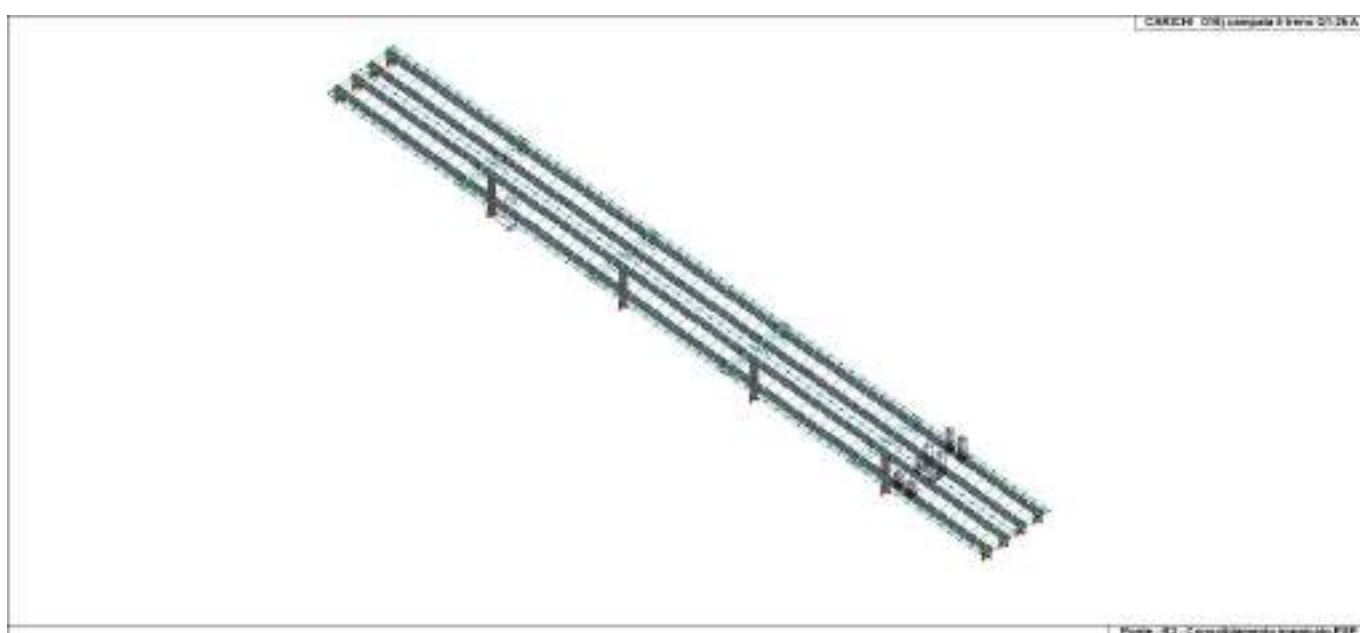
22_CDC_013_campata 3 treno Q1-2k C



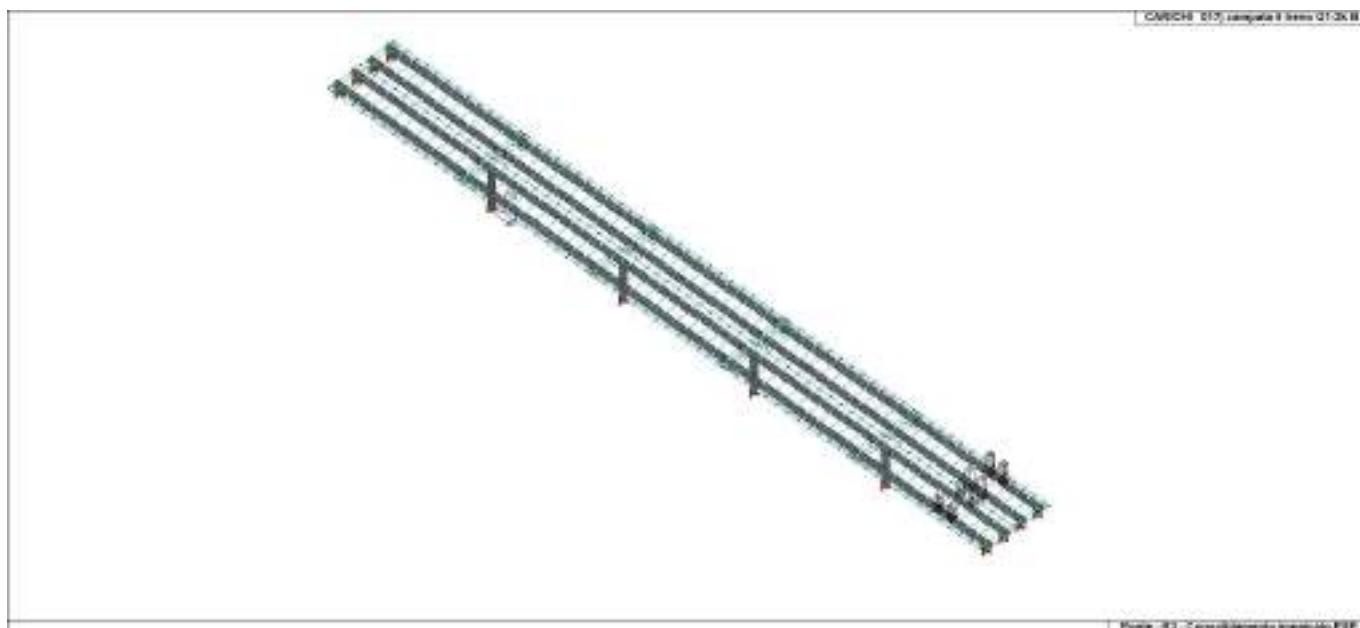
22_CDC_014_campata 4 treno Q1-2k A



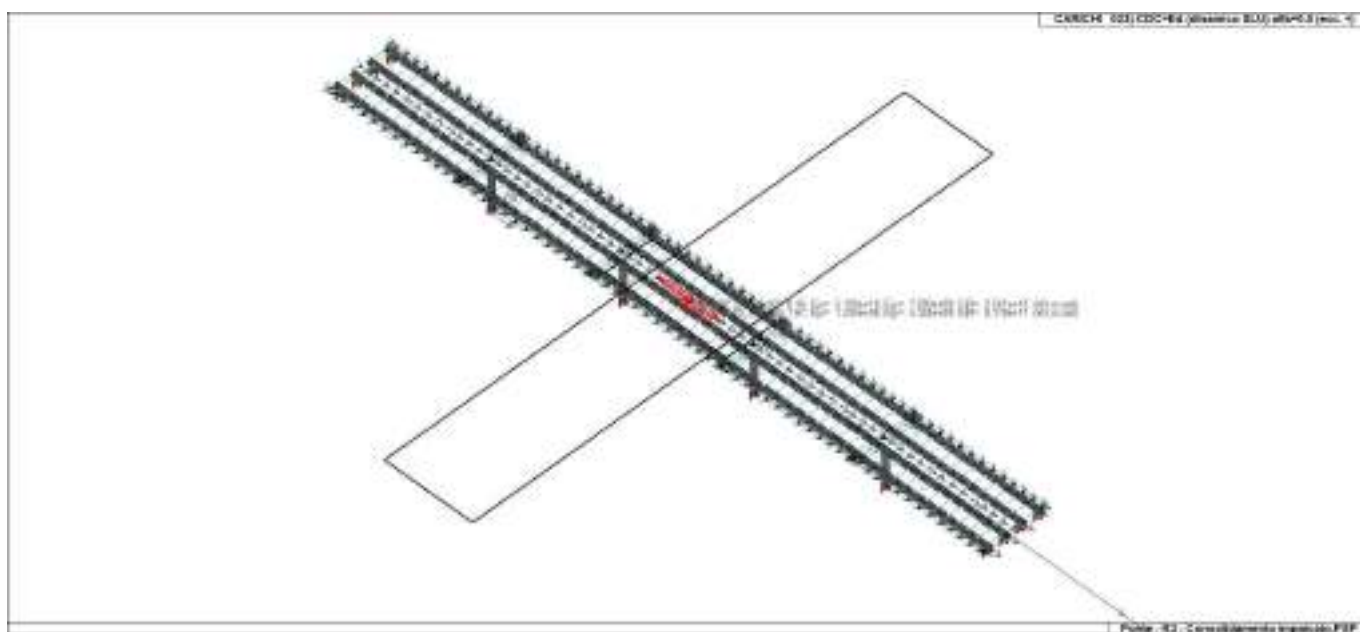
22_CDC_015_campata 4 treno Q1-2k B



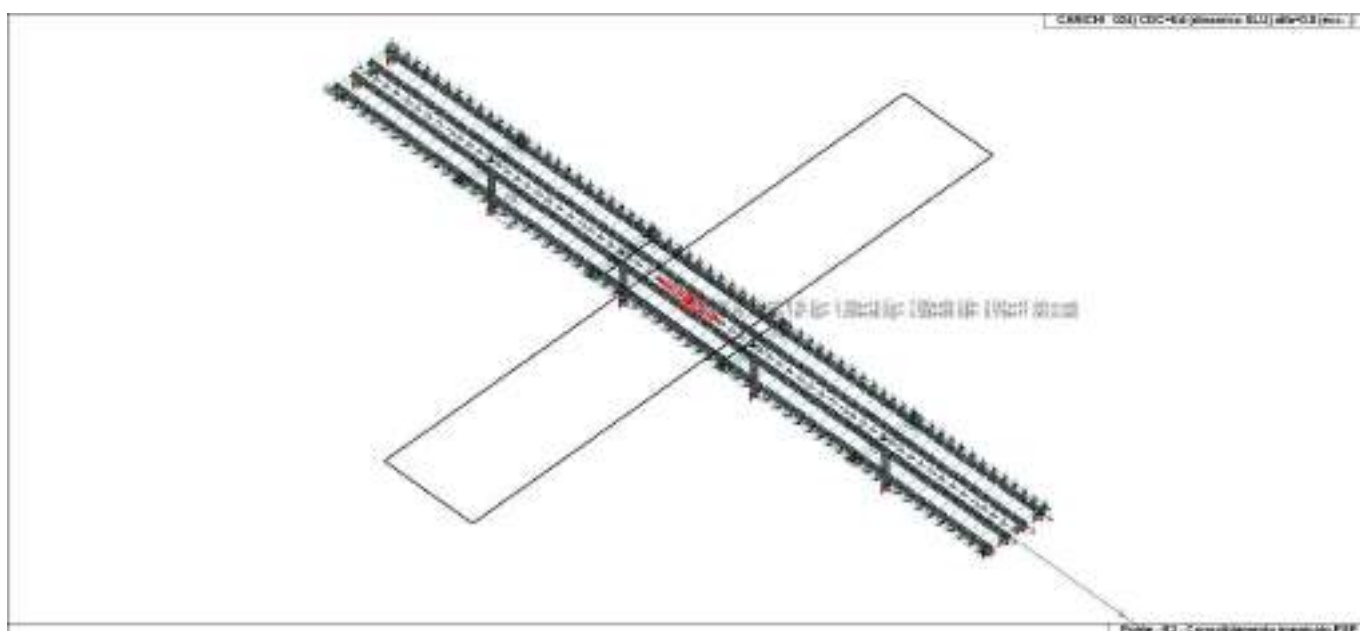
22_CDC_016_campata 5 treno Q1-2k A



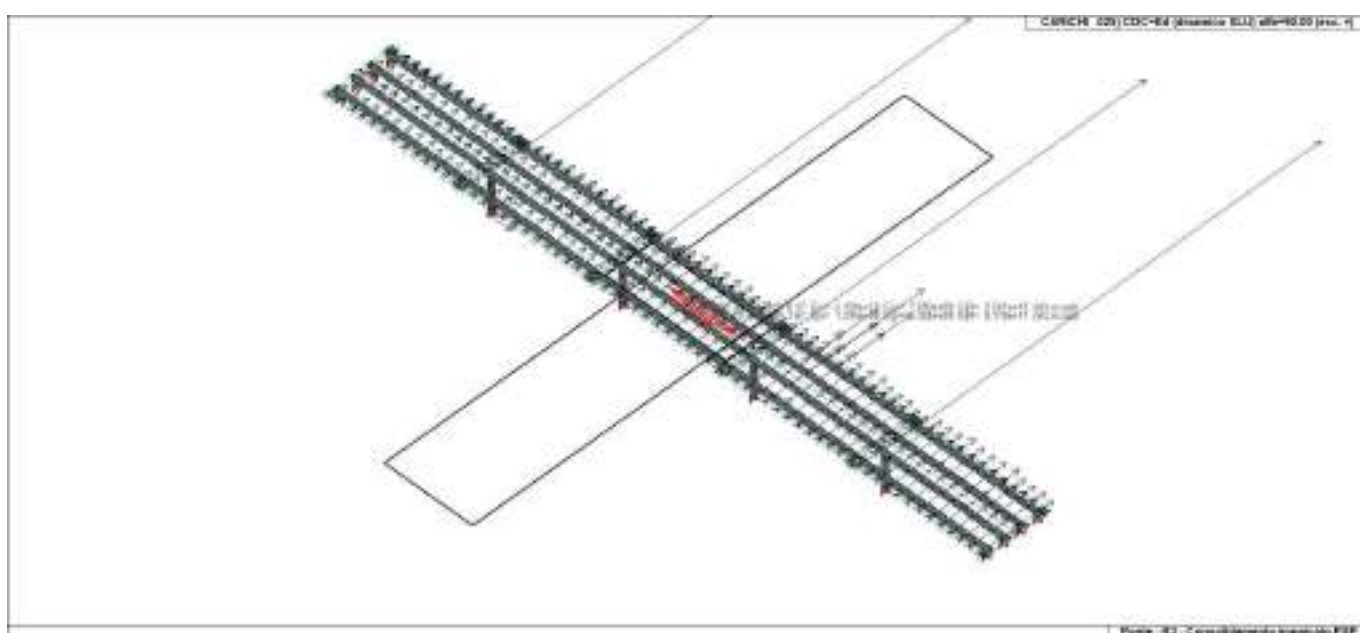
22_CDC_017_campata 5 treno Q1-2k B



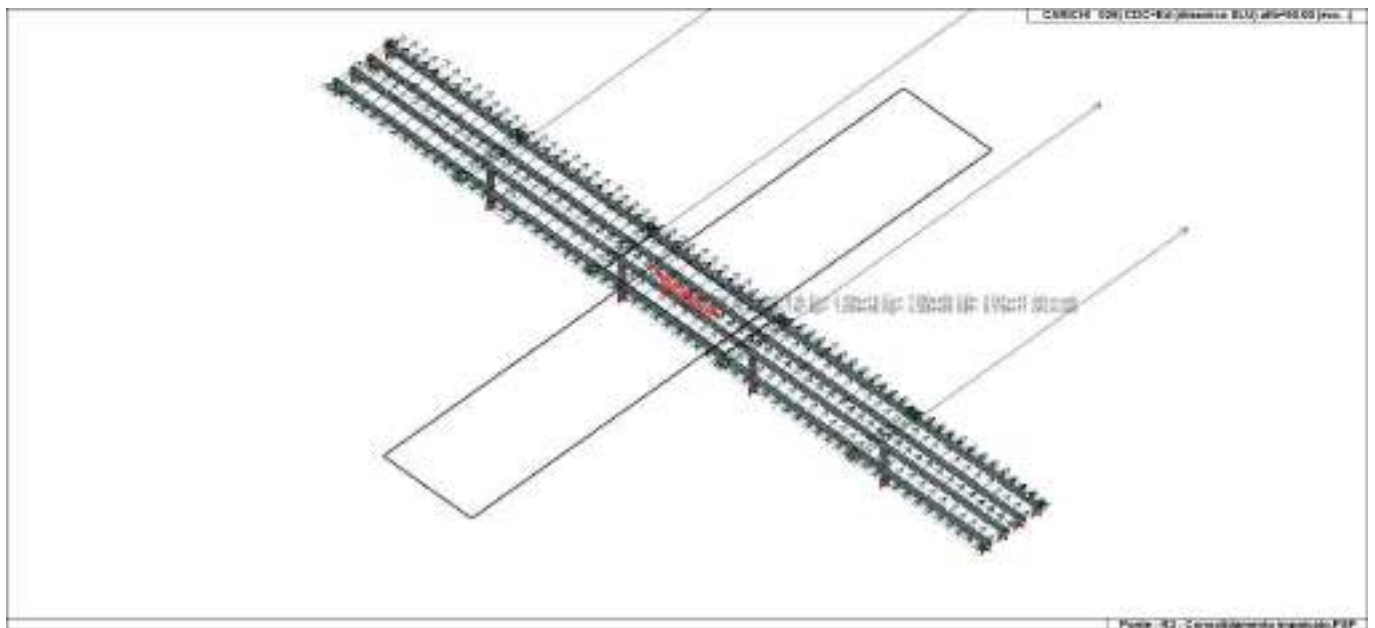
22_CDC_023_CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)



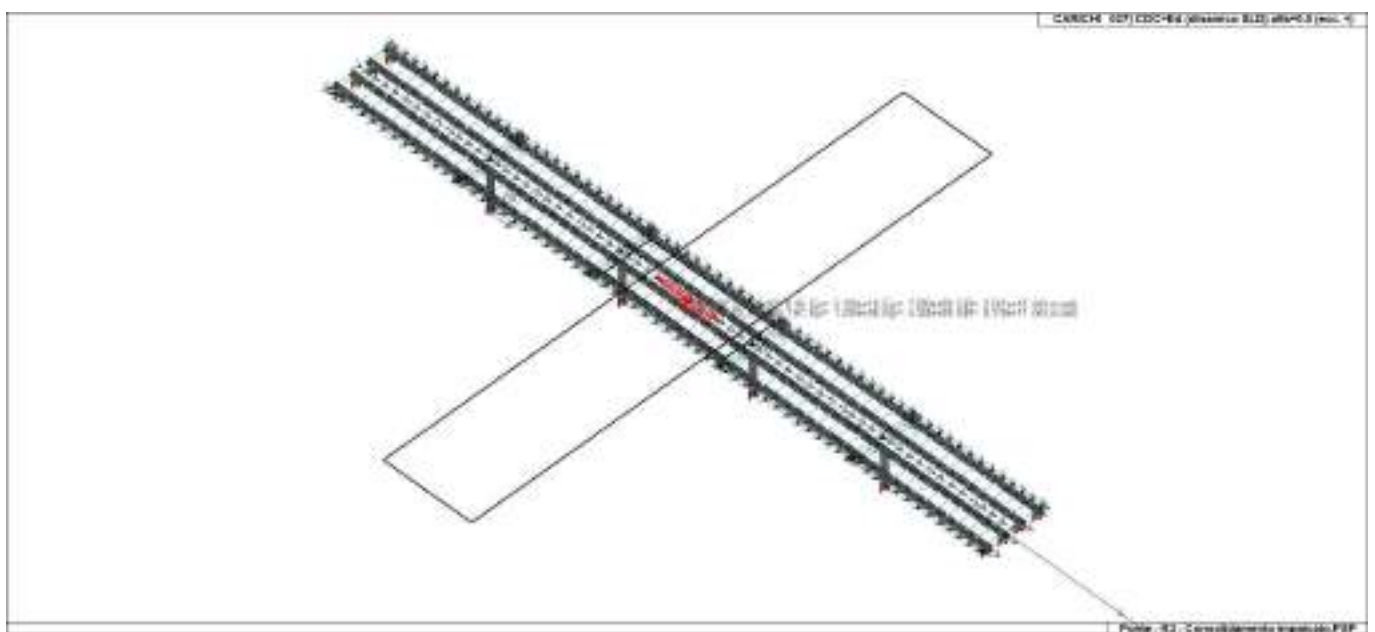
22_CDC_024_CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)



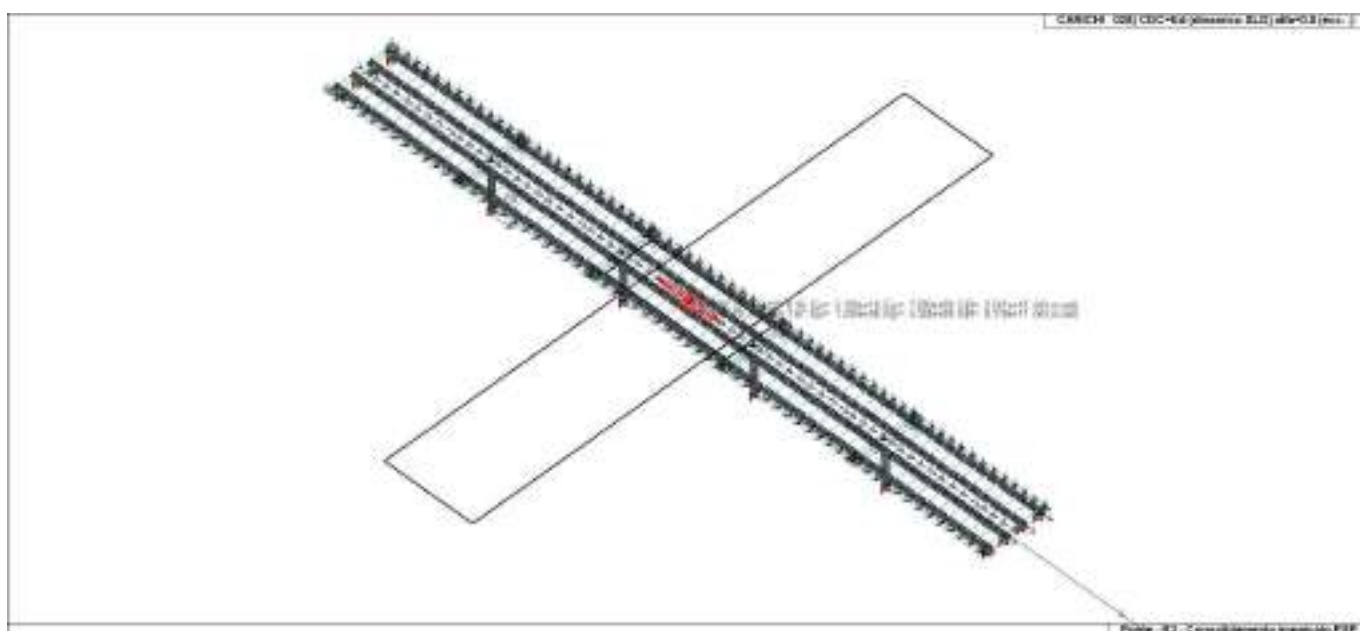
22_CDC_025_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)



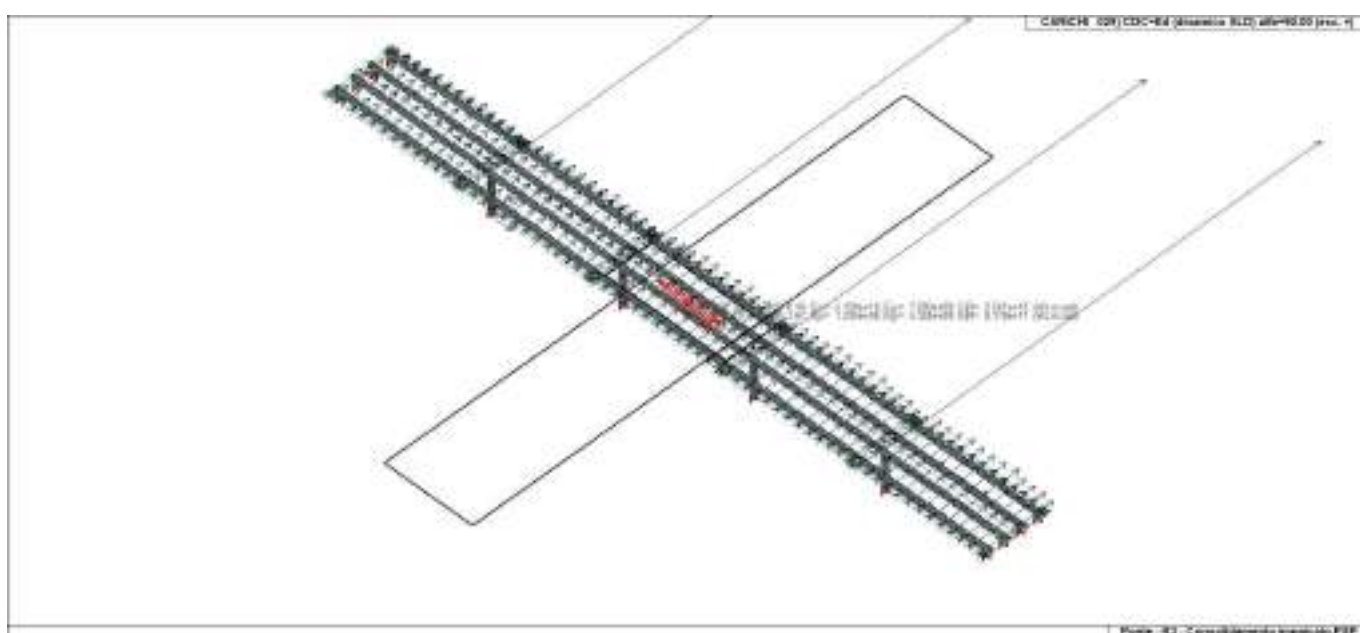
22_CDC_026_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)



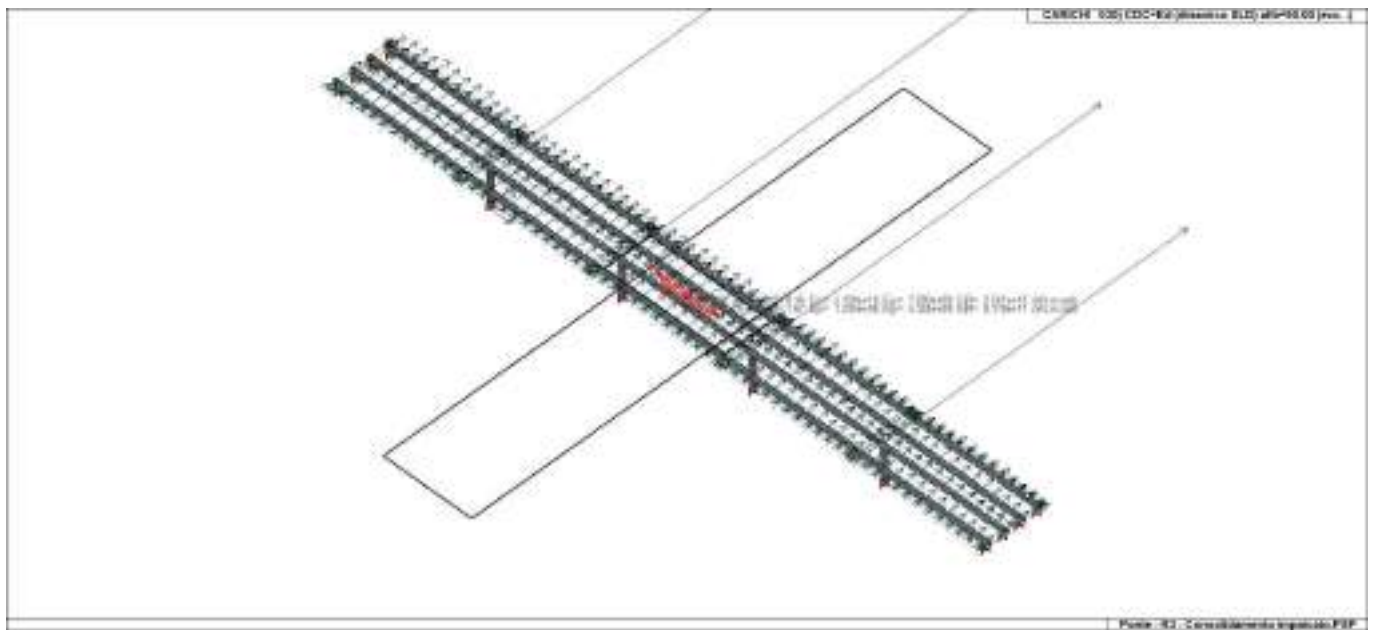
22_CDC_027_CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)



22_CDC_028_CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)



22_CDC_029_CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)



22_CDC_030_CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.

Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \dots$$

Combinazione caratteristica (rara) SLE

$$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \dots$$

Combinazione frequente SLE

$$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \dots$$

Combinazione quasi permanente SLE

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \dots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \dots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G1 + G2 + Ad + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

| Destinazione d'uso/azione | $\psi 0$ | $\psi 1$ | $\psi 2$ |
|--|----------|----------|----------|
| Categoria A residenziali | 0,70 | 0,50 | 0,30 |
| Categoria B uffici | 0,70 | 0,50 | 0,30 |
| Categoria C ambienti suscettibili di affollamento | 0,70 | 0,70 | 0,60 |
| Categoria D ambienti ad uso commerciale | 0,70 | 0,70 | 0,60 |
| Categoria E biblioteche, archivi, magazzini,... | 1,00 | 0,90 | 0,80 |
| Categoria F Rimesse e parcheggi (autoveicoli $\leq 30kN$) | 0,70 | 0,70 | 0,60 |
| Categoria G Rimesse e parcheggi (autoveicoli $> 30kN$) | 0,70 | 0,50 | 0,30 |
| Categoria H Coperture | 0,00 | 0,00 | 0,00 |
| Vento | 0,60 | 0,20 | 0,00 |
| Neve a quota $\leq 1000 m$ | 0,50 | 0,20 | 0,00 |
| Neve a quota $> 1000 m$ | 0,70 | 0,50 | 0,20 |
| Variazioni Termiche | 0,60 | 0,50 | 0,00 |

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

| | | Coefficiente γf | EQU | A1 | A2 |
|--|-------------|-------------------------|-----|-----|-----|
| Carichi permanenti | Favorevoli | $\gamma G1$ | 0,9 | 1,0 | 1,0 |
| | Sfavorevoli | | 1,1 | 1,3 | 1,0 |
| Carichi permanenti non strutturali (Non compiutamente definiti) | Favorevoli | $\gamma G2$ | 0,8 | 0,8 | 0,8 |
| | Sfavorevoli | | 1,5 | 1,5 | 1,3 |
| Carichi variabili | Favorevoli | γQi | 0,0 | 0,0 | 0,0 |
| | Sfavorevoli | | 1,5 | 1,5 | 1,3 |

| Cmb | Tipo | Sigla Id |
|-----|------|-----------------|
| 1 | SLU | Comb. SLU A1 1 |
| 2 | SLU | Comb. SLU A1 2 |
| 3 | SLU | Comb. SLU A1 3 |
| 4 | SLU | Comb. SLU A1 4 |
| 5 | SLU | Comb. SLU A1 5 |
| 6 | SLU | Comb. SLU A1 6 |
| 7 | SLU | Comb. SLU A1 7 |
| 8 | SLU | Comb. SLU A1 8 |
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| 73 | SLU | Comb. SLU A1 73 |

| Cmb | Tipo | Sigla Id |
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| Cmb | Tipo | Sigla Id |
|-----|--------|--------------------|
| 222 | SLU | Comb. SLU A1 222 |
| 223 | SLU | Comb. SLU A1 223 |
| 224 | SLU | Comb. SLU A1 224 |
| 225 | SLU | Comb. SLU A1 225 |
| 226 | SLU | Comb. SLU A1 226 |
| 227 | SLU | Comb. SLU A1 227 |
| 228 | SLU | Comb. SLU A1 228 |
| 229 | SLU | Comb. SLU A1 229 |
| 230 | SLU | Comb. SLU A1 230 |
| 231 | SLU | Comb. SLU A1 231 |
| 232 | SLU | Comb. SLU A1 232 |
| 233 | SLU | Comb. SLU A1 233 |
| 234 | SLU | Comb. SLU A1 234 |
| 235 | SLU | Comb. SLU A1 235 |
| 236 | SLU | Comb. SLU A1 236 |
| 237 | SLU | Comb. SLU A1 237 |
| 238 | SLU | Comb. SLU A1 238 |
| 239 | SLU | Comb. SLU A1 239 |
| 240 | SLU | Comb. SLU A1 240 |
| 241 | SLU | Comb. SLU A1 241 |
| 242 | SLU | Comb. SLU A1 242 |
| 243 | SLU | Comb. SLU A1 243 |
| 244 | SLU | Comb. SLU A1 244 |
| 245 | SLU | Comb. SLU A1 245 |
| 246 | SLU | Comb. SLU A1 246 |
| 247 | SLU | Comb. SLU A1 247 |
| 248 | SLU | Comb. SLU A1 248 |
| 249 | SLU | Comb. SLU A1 249 |
| 250 | SLU | Comb. SLU A1 250 |
| 251 | SLU | Comb. SLU A1 251 |
| 252 | SLU | Comb. SLU A1 252 |
| 253 | SLU | Comb. SLU A1 253 |
| 254 | SLU | Comb. SLU A1 254 |
| 255 | SLU | Comb. SLU A1 255 |
| 256 | SLU | Comb. SLU A1 256 |
| 257 | SLU | Comb. SLU A1 257 |
| 258 | SLU | Comb. SLU A1 258 |
| 259 | SLU | Comb. SLU A1 259 |
| 260 | SLU | Comb. SLU A1 260 |
| 261 | SLE(r) | Comb. SLE(rara) 1 |
| 262 | SLE(r) | Comb. SLE(rara) 2 |
| 263 | SLE(r) | Comb. SLE(rara) 3 |
| 264 | SLE(r) | Comb. SLE(rara) 4 |
| 265 | SLE(r) | Comb. SLE(rara) 5 |
| 266 | SLE(r) | Comb. SLE(rara) 6 |
| 267 | SLE(r) | Comb. SLE(rara) 7 |
| 268 | SLE(r) | Comb. SLE(rara) 8 |
| 269 | SLE(r) | Comb. SLE(rara) 9 |
| 270 | SLE(r) | Comb. SLE(rara) 10 |
| 271 | SLE(r) | Comb. SLE(rara) 11 |
| 272 | SLE(r) | Comb. SLE(rara) 12 |
| 273 | SLE(r) | Comb. SLE(rara) 13 |
| 274 | SLE(r) | Comb. SLE(rara) 14 |
| 275 | SLE(r) | Comb. SLE(rara) 15 |
| 276 | SLE(r) | Comb. SLE(rara) 16 |
| 277 | SLE(r) | Comb. SLE(rara) 17 |
| 278 | SLE(r) | Comb. SLE(rara) 18 |
| 279 | SLE(r) | Comb. SLE(rara) 19 |
| 280 | SLE(r) | Comb. SLE(rara) 20 |
| 281 | SLE(r) | Comb. SLE(rara) 21 |
| 282 | SLE(r) | Comb. SLE(rara) 22 |
| 283 | SLE(r) | Comb. SLE(rara) 23 |
| 284 | SLE(r) | Comb. SLE(rara) 24 |
| 285 | SLE(r) | Comb. SLE(rara) 25 |
| 286 | SLE(r) | Comb. SLE(rara) 26 |
| 287 | SLE(r) | Comb. SLE(rara) 27 |
| 288 | SLE(r) | Comb. SLE(rara) 28 |
| 289 | SLE(r) | Comb. SLE(rara) 29 |
| 290 | SLE(r) | Comb. SLE(rara) 30 |
| 291 | SLE(r) | Comb. SLE(rara) 31 |
| 292 | SLE(r) | Comb. SLE(rara) 32 |
| 293 | SLE(r) | Comb. SLE(rara) 33 |
| 294 | SLE(r) | Comb. SLE(rara) 34 |
| 295 | SLE(r) | Comb. SLE(rara) 35 |

| Cmb | Tipo | Sigla Id |
|-----|--------|---------------------|
| 296 | SLE(r) | Comb. SLE(rara) 36 |
| 297 | SLE(r) | Comb. SLE(rara) 37 |
| 298 | SLE(r) | Comb. SLE(rara) 38 |
| 299 | SLE(r) | Comb. SLE(rara) 39 |
| 300 | SLE(r) | Comb. SLE(rara) 40 |
| 301 | SLE(r) | Comb. SLE(rara) 41 |
| 302 | SLE(r) | Comb. SLE(rara) 42 |
| 303 | SLE(r) | Comb. SLE(rara) 43 |
| 304 | SLE(r) | Comb. SLE(rara) 44 |
| 305 | SLE(r) | Comb. SLE(rara) 45 |
| 306 | SLE(r) | Comb. SLE(rara) 46 |
| 307 | SLE(r) | Comb. SLE(rara) 47 |
| 308 | SLE(r) | Comb. SLE(rara) 48 |
| 309 | SLE(r) | Comb. SLE(rara) 49 |
| 310 | SLE(r) | Comb. SLE(rara) 50 |
| 311 | SLE(r) | Comb. SLE(rara) 51 |
| 312 | SLE(r) | Comb. SLE(rara) 52 |
| 313 | SLE(r) | Comb. SLE(rara) 53 |
| 314 | SLE(r) | Comb. SLE(rara) 54 |
| 315 | SLE(r) | Comb. SLE(rara) 55 |
| 316 | SLE(r) | Comb. SLE(rara) 56 |
| 317 | SLE(r) | Comb. SLE(rara) 57 |
| 318 | SLE(r) | Comb. SLE(rara) 58 |
| 319 | SLE(r) | Comb. SLE(rara) 59 |
| 320 | SLE(r) | Comb. SLE(rara) 60 |
| 321 | SLE(r) | Comb. SLE(rara) 61 |
| 322 | SLE(r) | Comb. SLE(rara) 62 |
| 323 | SLE(r) | Comb. SLE(rara) 63 |
| 324 | SLE(r) | Comb. SLE(rara) 64 |
| 325 | SLE(r) | Comb. SLE(rara) 65 |
| 326 | SLE(r) | Comb. SLE(rara) 66 |
| 327 | SLE(r) | Comb. SLE(rara) 67 |
| 328 | SLE(r) | Comb. SLE(rara) 68 |
| 329 | SLE(r) | Comb. SLE(rara) 69 |
| 330 | SLE(r) | Comb. SLE(rara) 70 |
| 331 | SLE(r) | Comb. SLE(rara) 71 |
| 332 | SLE(r) | Comb. SLE(rara) 72 |
| 333 | SLE(r) | Comb. SLE(rara) 73 |
| 334 | SLE(r) | Comb. SLE(rara) 74 |
| 335 | SLE(r) | Comb. SLE(rara) 75 |
| 336 | SLE(r) | Comb. SLE(rara) 76 |
| 337 | SLE(r) | Comb. SLE(rara) 77 |
| 338 | SLE(r) | Comb. SLE(rara) 78 |
| 339 | SLE(r) | Comb. SLE(rara) 79 |
| 340 | SLE(r) | Comb. SLE(rara) 80 |
| 341 | SLE(r) | Comb. SLE(rara) 81 |
| 342 | SLE(r) | Comb. SLE(rara) 82 |
| 343 | SLE(r) | Comb. SLE(rara) 83 |
| 344 | SLE(r) | Comb. SLE(rara) 84 |
| 345 | SLE(r) | Comb. SLE(rara) 85 |
| 346 | SLE(r) | Comb. SLE(rara) 86 |
| 347 | SLE(r) | Comb. SLE(rara) 87 |
| 348 | SLE(r) | Comb. SLE(rara) 88 |
| 349 | SLE(r) | Comb. SLE(rara) 89 |
| 350 | SLE(r) | Comb. SLE(rara) 90 |
| 351 | SLE(r) | Comb. SLE(rara) 91 |
| 352 | SLE(r) | Comb. SLE(rara) 92 |
| 353 | SLE(r) | Comb. SLE(rara) 93 |
| 354 | SLE(r) | Comb. SLE(rara) 94 |
| 355 | SLE(r) | Comb. SLE(rara) 95 |
| 356 | SLE(r) | Comb. SLE(rara) 96 |
| 357 | SLE(r) | Comb. SLE(rara) 97 |
| 358 | SLE(r) | Comb. SLE(rara) 98 |
| 359 | SLE(r) | Comb. SLE(rara) 99 |
| 360 | SLE(r) | Comb. SLE(rara) 100 |
| 361 | SLE(r) | Comb. SLE(rara) 101 |
| 362 | SLE(r) | Comb. SLE(rara) 102 |
| 363 | SLE(r) | Comb. SLE(rara) 103 |
| 364 | SLE(r) | Comb. SLE(rara) 104 |
| 365 | SLE(r) | Comb. SLE(rara) 105 |
| 366 | SLE(r) | Comb. SLE(rara) 106 |
| 367 | SLE(r) | Comb. SLE(rara) 107 |
| 368 | SLE(r) | Comb. SLE(rara) 108 |
| 369 | SLE(r) | Comb. SLE(rara) 109 |

| Cmb | Tipo | Sigla Id |
|-----|----------|--------------------------------|
| 370 | SLE(r) | Comb. SLE(rara) 110 |
| 371 | SLE(r) | Comb. SLE(rara) 111 |
| 372 | SLE(r) | Comb. SLE(rara) 112 |
| 373 | SLE(r) | Comb. SLE(rara) 113 |
| 374 | SLE(r) | Comb. SLE(rara) 114 |
| 375 | SLE(r) | Comb. SLE(rara) 115 |
| 376 | SLE(r) | Comb. SLE(rara) 116 |
| 377 | SLE(r) | Comb. SLE(rara) 117 |
| 378 | SLE(r) | Comb. SLE(rara) 118 |
| 379 | SLE(r) | Comb. SLE(rara) 119 |
| 380 | SLE(r) | Comb. SLE(rara) 120 |
| 381 | SLE(r) | Comb. SLE(rara) 121 |
| 382 | SLE(r) | Comb. SLE(rara) 122 |
| 383 | SLE(r) | Comb. SLE(rara) 123 |
| 384 | SLE(r) | Comb. SLE(rara) 124 |
| 385 | SLE(r) | Comb. SLE(rara) 125 |
| 386 | SLE(r) | Comb. SLE(rara) 126 |
| 387 | SLE(r) | Comb. SLE(rara) 127 |
| 388 | SLE(r) | Comb. SLE(rara) 128 |
| 389 | SLE(r) | Comb. SLE(rara) 129 |
| 390 | SLE(r) | Comb. SLE(rara) 130 |
| 391 | SLE(f) | Comb. SLE(freq.) 131 |
| 392 | SLE(f) | Comb. SLE(freq.) 132 |
| 393 | SLE(f) | Comb. SLE(freq.) 133 |
| 394 | SLE(f) | Comb. SLE(freq.) 134 |
| 395 | SLE(f) | Comb. SLE(freq.) 135 |
| 396 | SLE(f) | Comb. SLE(freq.) 136 |
| 397 | SLE(f) | Comb. SLE(freq.) 137 |
| 398 | SLE(f) | Comb. SLE(freq.) 138 |
| 399 | SLE(f) | Comb. SLE(freq.) 139 |
| 400 | SLE(f) | Comb. SLE(freq.) 140 |
| 401 | SLE(f) | Comb. SLE(freq.) 141 |
| 402 | SLE(f) | Comb. SLE(freq.) 142 |
| 403 | SLE(f) | Comb. SLE(freq.) 143 |
| 404 | SLE(f) | Comb. SLE(freq.) 144 |
| 405 | SLE(f) | Comb. SLE(freq.) 145 |
| 406 | SLE(f) | Comb. SLE(freq.) 146 |
| 407 | SLE(p) | Comb. SLE(perm.) 147 |
| 408 | SLU | Comb. SLU A1 (SLV sism.) 1 |
| 409 | SLU | Comb. SLU A1 (SLV sism.) 2 |
| 410 | SLU | Comb. SLU A1 (SLV sism.) 3 |
| 411 | SLU | Comb. SLU A1 (SLV sism.) 4 |
| 412 | SLU | Comb. SLU A1 (SLV sism.) 5 |
| 413 | SLU | Comb. SLU A1 (SLV sism.) 6 |
| 414 | SLU | Comb. SLU A1 (SLV sism.) 7 |
| 415 | SLU | Comb. SLU A1 (SLV sism.) 8 |
| 416 | SLU | Comb. SLU A1 (SLV sism.) 9 |
| 417 | SLU | Comb. SLU A1 (SLV sism.) 10 |
| 418 | SLU | Comb. SLU A1 (SLV sism.) 11 |
| 419 | SLU | Comb. SLU A1 (SLV sism.) 12 |
| 420 | SLU | Comb. SLU A1 (SLV sism.) 13 |
| 421 | SLU | Comb. SLU A1 (SLV sism.) 14 |
| 422 | SLU | Comb. SLU A1 (SLV sism.) 15 |
| 423 | SLU | Comb. SLU A1 (SLV sism.) 16 |
| 424 | SLU | Comb. SLU A1 (SLV sism.) 17 |
| 425 | SLU | Comb. SLU A1 (SLV sism.) 18 |
| 426 | SLU | Comb. SLU A1 (SLV sism.) 19 |
| 427 | SLU | Comb. SLU A1 (SLV sism.) 20 |
| 428 | SLU | Comb. SLU A1 (SLV sism.) 21 |
| 429 | SLU | Comb. SLU A1 (SLV sism.) 22 |
| 430 | SLU | Comb. SLU A1 (SLV sism.) 23 |
| 431 | SLU | Comb. SLU A1 (SLV sism.) 24 |
| 432 | SLU | Comb. SLU A1 (SLV sism.) 25 |
| 433 | SLU | Comb. SLU A1 (SLV sism.) 26 |
| 434 | SLU | Comb. SLU A1 (SLV sism.) 27 |
| 435 | SLU | Comb. SLU A1 (SLV sism.) 28 |
| 436 | SLU | Comb. SLU A1 (SLV sism.) 29 |
| 437 | SLU | Comb. SLU A1 (SLV sism.) 30 |
| 438 | SLU | Comb. SLU A1 (SLV sism.) 31 |
| 439 | SLU | Comb. SLU A1 (SLV sism.) 32 |
| 440 | SLD(sis) | Comb. SLE (SLD Danno sism.) 33 |
| 441 | SLD(sis) | Comb. SLE (SLD Danno sism.) 34 |
| 442 | SLD(sis) | Comb. SLE (SLD Danno sism.) 35 |
| 443 | SLD(sis) | Comb. SLE (SLD Danno sism.) 36 |

| Cmb | Tipo | Sigla Id |
|-----|----------|--------------------------------|
| 444 | SLD(sis) | Comb. SLE (SLD Danno sism.) 37 |
| 445 | SLD(sis) | Comb. SLE (SLD Danno sism.) 38 |
| 446 | SLD(sis) | Comb. SLE (SLD Danno sism.) 39 |
| 447 | SLD(sis) | Comb. SLE (SLD Danno sism.) 40 |
| 448 | SLD(sis) | Comb. SLE (SLD Danno sism.) 41 |
| 449 | SLD(sis) | Comb. SLE (SLD Danno sism.) 42 |
| 450 | SLD(sis) | Comb. SLE (SLD Danno sism.) 43 |
| 451 | SLD(sis) | Comb. SLE (SLD Danno sism.) 44 |
| 452 | SLD(sis) | Comb. SLE (SLD Danno sism.) 45 |
| 453 | SLD(sis) | Comb. SLE (SLD Danno sism.) 46 |
| 454 | SLD(sis) | Comb. SLE (SLD Danno sism.) 47 |
| 455 | SLD(sis) | Comb. SLE (SLD Danno sism.) 48 |
| 456 | SLD(sis) | Comb. SLE (SLD Danno sism.) 49 |
| 457 | SLD(sis) | Comb. SLE (SLD Danno sism.) 50 |
| 458 | SLD(sis) | Comb. SLE (SLD Danno sism.) 51 |
| 459 | SLD(sis) | Comb. SLE (SLD Danno sism.) 52 |
| 460 | SLD(sis) | Comb. SLE (SLD Danno sism.) 53 |
| 461 | SLD(sis) | Comb. SLE (SLD Danno sism.) 54 |
| 462 | SLD(sis) | Comb. SLE (SLD Danno sism.) 55 |
| 463 | SLD(sis) | Comb. SLE (SLD Danno sism.) 56 |
| 464 | SLD(sis) | Comb. SLE (SLD Danno sism.) 57 |
| 465 | SLD(sis) | Comb. SLE (SLD Danno sism.) 58 |
| 466 | SLD(sis) | Comb. SLE (SLD Danno sism.) 59 |
| 467 | SLD(sis) | Comb. SLE (SLD Danno sism.) 60 |
| 468 | SLD(sis) | Comb. SLE (SLD Danno sism.) 61 |
| 469 | SLD(sis) | Comb. SLE (SLD Danno sism.) 62 |
| 470 | SLD(sis) | Comb. SLE (SLD Danno sism.) 63 |
| 471 | SLD(sis) | Comb. SLE (SLD Danno sism.) 64 |

[illegible]

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 26 | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 1.50 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 1.50 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 1.50 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 28 | 1.00 | 1.00 | 0.0 | 0.54 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 1.50 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 1.35 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29 | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 1.35 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 1.35 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 31 | 1.00 | 1.00 | 0.0 | 1.35 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 1.35 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32 | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 34 | 1.35 | 1.35 | 1.50 | 0.54 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35 | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | |

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 74 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 75 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 76 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 77 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 78 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 79 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 80 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 81 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 82 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 83 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 84 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 85 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 1.50 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 86 | 1.00 | 1.00 | 0.0 | | | | | | | | | | | |

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 101 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 103 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 104 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 1.50 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 106 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 1.50 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 1.50 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 108 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 1.50 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 109 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0 | | |

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 123 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 124 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 125 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 1.50 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 126 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 1.50 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 127 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 1.50 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 128 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 1.50 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 129 | 1.35 | 1.35 | 1.50 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 130 | 1.00 | 1.00 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 131 | 1.35 | 1.35 | 1.50 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 132 | 1.00 | 1.00 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 133 | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 134 | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |

[illegible]

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 1.35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.35 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 173 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 174 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 176 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.50 | 0.0 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 178 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.90 | 0.0 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 179 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 | 0.90 | 1.50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 181 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 182 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 0.0 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.90 | 0.0 | 1.13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 183 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.35 | 1.35 | 1.50 | 0.54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.01 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.13 | 1.50 | 0.0 | 0.90 | 1.13 | 0.0 | 0.0 | | | | |

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[illegible]

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 269 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.75 | 0.75 | 0.0 | 0.60 | 0.60 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 270 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.75 | 0.75 | 0.0 | 0.60 | 0.60 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 271 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 1.00 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 272 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 1.00 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 273 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 1.00 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 274 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 1.00 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 275 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 276 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 277 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 278 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 279 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.60 | 0.0 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 280 | 1.00 | 1.00 | 1.00 | 0.40 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.60 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |

[illegible]

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 318 | 0.0 | 0.0 | | | | | | | | | | | | |
| | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 319 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.60 | 0.0 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 320 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.60 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 321 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 1.00 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 322 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 1.00 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 323 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 1.00 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 324 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 1.00 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 325 | 1.00 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 326 | 1.00 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 327 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 328 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 329 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.60 | 0.0 | 1.00 | 0. | | | | | |

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 342 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 1.00 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 343 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 1.00 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 344 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 1.00 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 345 | 1.00 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 346 | 1.00 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 347 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 348 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 349 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.60 | 0.0 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 350 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 0.0 | 0.60 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 351 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 1.00 | 0.60 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 352 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 1.00 | 0.0 | 0.60 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 353 | 1.00 | 1.00 | 1.00 | 0.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.75 | 0.0 | 1.00 | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0</ | | | | | | | | | | | | |

[illegible]

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| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 439 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 | 0.0 | 1.00 | 0.0 | 0.0 |
| | 0.0 | 0.0 | | | | | | | | | | | | |
| 440 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 | 0.0 |
| | -0.30 | 0.0 | | | | | | | | | | | | |
| 441 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 | 0.0 |
| | 0.30 | 0.0 | | | | | | | | | | | | |
| 442 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 |
| | -0.30 | 0.0 | | | | | | | | | | | | |
| 443 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 |
| | 0.30 | 0.0 | | | | | | | | | | | | |
| 444 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 | 0.0 |
| | 0.0 | -0.30 | | | | | | | | | | | | |
| 445 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 | 0.0 |
| | 0.0 | 0.30 | | | | | | | | | | | | |
| 446 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 |
| | 0.0 | -0.30 | | | | | | | | | | | | |
| 447 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 | 0.0 |
| | 0.0 | 0.30 | | | | | | | | | | | | |
| 448 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 |
| | -0.30 | 0.0 | | | | | | | | | | | | |
| 449 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 |
| | 0.30 | 0.0 | | | | | | | | | | | | |
| 450 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 |
| | -0.30 | 0.0 | | | | | | | | | | | | |
| 451 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 |
| | 0.30 | 0.0 | | | | | | | | | | | | |
| 452 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 |
| | 0.0 | -0.30 | | | | | | | | | | | | |
| 453 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.00 |
| | 0.0 | 0.30 | | | | | | | | | | | | |
| 454 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 |
| | 0.0 | -0.30 | | | | | | | | | | | | |
| 455 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.00 |
| | 0.0 | 0.30 | | | | | | | | | | | | |
| 456 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 | 0.0 |
| | -1.00 | 0.0 | | | | | | | | | | | | |
| 457 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 | 0.0 |
| | 1.00 | 0.0 | | | | | | | | | | | | |
| 458 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 | 0.0 |
| | -1.00 | 0.0 | | | | | | | | | | | | |
| 459 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 | 0.0 |
| | 1.00 | 0.0 | | | | | | | | | | | | |
| 460 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 |
| | -1.00 | 0.0 | | | | | | | | | | | | |
| 461 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 |
| | 1.00 | 0.0 | | | | | | | | | | | | |
| 462 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 |
| | -1.00 | 0.0 | | | | | | | | | | | | |
| 463 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Cmb | CDC 1/15... | CDC 2/16... | CDC 3/17... | CDC 4/18... | CDC 5/19... | CDC 6/20... | CDC 7/21... | CDC 8/22... | CDC 9/23... | CDC 10/24... | CDC 11/25... | CDC 12/26... | CDC 13/27... | CDC 14/28... |
|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 |
| | 1.00 | 0.0 | | | | | | | | | | | | |
| 464 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 | 0.0 |
| | 0.0 | -1.00 | | | | | | | | | | | | |
| 465 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 | 0.0 |
| | 0.0 | 1.00 | | | | | | | | | | | | |
| 466 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 | 0.0 |
| | 0.0 | -1.00 | | | | | | | | | | | | |
| 467 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 | 0.0 |
| | 0.0 | 1.00 | | | | | | | | | | | | |
| 468 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 |
| | 0.0 | -1.00 | | | | | | | | | | | | |
| 469 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.30 |
| | 0.0 | 1.00 | | | | | | | | | | | | |
| 470 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 |
| | 0.0 | -1.00 | | | | | | | | | | | | |
| 471 | 1.00 | 1.00 | 1.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.30 |
| | 0.0 | 1.00 | | | | | | | | | | | | |

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.

Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito <http://esse1.mi.ingv.it/>. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento V_r che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento V_r e la probabilità di superamento P_{ver} associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno T_r e i relativi parametri di pericolosità sismica (vedi tabella successiva):

ag: accelerazione orizzontale massima del terreno;

Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

| Parametri della struttura | | | | | |
|---------------------------|-------------------|------------|----------------------|---------------|-----------------------|
| Classe d'uso | Vita V_n [anni] | Coeff. Uso | Periodo V_r [anni] | Tipo di suolo | Categoria topografica |
| III | 100.0 | 1.5 | 150.0 | B | T1 |

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:

S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente $S = S_s \cdot S_t$ (3.2.3)

F_o è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale

F_v è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito di riferimento rigido orizzontale

T_b è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.

T_c è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.

T_d è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Lo spettro di risposta elastico in accelerazione della componente orizzontale del moto sismico, S_e , è definito dalle seguenti espressioni:

$$\begin{aligned}
 0 \leq T < T_b & \quad S_e(T) = a_g \cdot S_s \cdot \eta \cdot F_a \cdot \left[\frac{T}{T_b} + \frac{1}{\eta \cdot F_a} \left(1 - \frac{T}{T_b} \right) \right] \\
 T_b \leq T < T_c & \quad S_e(T) = a_g \cdot S_s \cdot \eta \cdot F_a \\
 T_c \leq T < T_d & \quad S_e(T) = a_g \cdot S_s \cdot \eta \cdot F_a \cdot \left(\frac{T_c}{T} \right) \\
 T_d \leq T & \quad S_e(T) = a_g \cdot S_s \cdot \eta \cdot F_a \cdot \left(\frac{T_c - T_d}{T} \right)
 \end{aligned}$$

Dove per sottosuolo di categoria **A** i coefficienti S_s e C_c valgono 1; mentre per le categorie di sottosuolo B, C, D, E i coefficienti S_s e C_c vengono calcolati mediante le espressioni riportate nella seguente Tabella

| Categoria sottosuolo | S_s | C_c |
|----------------------|---|------------------------------|
| A | 1,00 | 1,00 |
| B | $1,00 \leq 1,40 - 0,40 \cdot F_a \cdot \frac{a_g}{g} \leq 1,20$ | $1,10 \cdot (T_c^*)^{-0,25}$ |
| C | $1,00 \leq 1,70 - 0,60 \cdot F_a \cdot \frac{a_g}{g} \leq 1,50$ | $1,05 \cdot (T_c^*)^{-0,30}$ |
| D | $0,90 \leq 2,40 - 1,50 \cdot F_a \cdot \frac{a_g}{g} \leq 1,80$ | $1,25 \cdot (T_c^*)^{-0,35}$ |
| E | $1,00 \leq 2,00 - 1,10 \cdot F_a \cdot \frac{a_g}{g} \leq 1,60$ | $1,15 \cdot (T_c^*)^{-0,40}$ |

Per tenere conto delle condizioni topografiche e in assenza di specifiche analisi di risposta sismica locale, si utilizzano i valori del coefficiente topografico S_T riportati nella seguente Tabella

| Categoria topografica | Ubicazione dell'opera o dell'intervento | S_T |
|-----------------------|---|-------|
| T1 | - | 1,0 |
| T2 | In corrispondenza della sommità del pendio | 1,2 |
| T3 | In corrispondenza della cresta di un rilievo con pendenza media minore o uguale a 30° | 1,2 |
| T4 | In corrispondenza della cresta di un rilievo con pendenza media maggiore di 30° | 1,4 |

Lo spettro di risposta elastico in accelerazione della componente verticale del moto sismico, S_{ve} , è definito dalle espressioni:

$$\begin{aligned}
 0 \leq T < T_B & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_v} \left(1 - \frac{T}{T_B} \right) \right] \\
 T_B \leq T < T_C & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_v \\
 T_C \leq T < T_D & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C}{T} \right) \\
 T_D \leq T & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C \cdot T_D}{T^2} \right)
 \end{aligned}$$

I valori di S_s , T_B , T_C e T_D , sono riportati nella seguente Tabella

| Categoria di sottosuolo | S_s | T_B | T_C | T_D |
|-------------------------|-------|--------|--------|-------|
| A, B, C, D, E | 1,0 | 0,05 s | 0,15 s | 1,0 s |

| Id nodo | Longitudine | Latitudine | Distanza |
|---------|-------------|------------|----------|
| | | | Km |
| Loc. | 10.192 | 44.435 | |
| 17157 | 10.133 | 44.387 | 7.079 |
| 17158 | 10.203 | 44.389 | 5.172 |
| 16936 | 10.200 | 44.439 | 0.773 |
| 16935 | 10.130 | 44.437 | 4.911 |

| SL | Pver | Tr | ag | Fo | T*c |
|-----|------|--------|-------|-------|-------|
| | | Anni | g | | sec |
| SLO | 81.0 | 90.0 | 0.099 | 2.434 | 0.265 |
| SLD | 63.0 | 151.0 | 0.122 | 2.436 | 0.272 |
| SLV | 10.0 | 1424.0 | 0.266 | 2.417 | 0.307 |
| SLC | 5.0 | 2475.0 | 0.313 | 2.443 | 0.320 |

| SL | ag | S | Fo | Fv | Tb | Tc | Td |
|-----|-------|-------|-------|-------|-------|-------|-------|
| | g | | | | sec | sec | sec |
| SLO | 0.099 | 1.200 | 2.434 | 1.034 | 0.127 | 0.380 | 1.996 |
| SLD | 0.122 | 1.200 | 2.436 | 1.150 | 0.129 | 0.388 | 2.089 |
| SLV | 0.266 | 1.143 | 2.417 | 1.682 | 0.143 | 0.428 | 2.663 |
| SLC | 0.313 | 1.094 | 2.443 | 1.845 | 0.147 | 0.442 | 2.852 |

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

- | | |
|----------------|--|
| 9. Esk | caso di carico sismico con analisi statica equivalente |
| 10. Edk | caso di carico sismico con analisi dinamica |

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l'azione sismica: in particolare possono essere presenti i seguenti valori:

| | |
|-----------------------------------|---|
| Angolo di ingresso | Angolo di ingresso dell'azione sismica orizzontale |
| Fattore di importanza | Fattore di importanza dell'edificio, in base alla categoria di appartenenza |
| Zona sismica | Zona sismica |
| Accelerazione ag | Accelerazione orizzontale massima sul suolo |
| Categoria suolo | Categoria di profilo stratigrafico del suolo di fondazione |
| Fattore q | Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale |
| Fattore di sito S | Fattore dipendente dalla stratigrafia e dal profilo topografico |
| Classe di duttilità CD | Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa |
| Fattore riduz. SLD | Fattore di riduzione dello spettro elastico per lo stato limite di danno |
| Periodo proprio T1 | Periodo proprio di vibrazione della struttura |
| Coefficiente Lambda | Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura |
| Ordinata spettro Sd(T1) | Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd) |
| Ordinata spettro Se(T1) | Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve) |
| Ordinata spettro S (Tb-Tc) | Valore dell' ordinata dello spettro in uso nel tratto costante |
| numero di modi considerati | Numero di modi di vibrare della struttura considerati nell'analisi dinamica |

Per ciascun caso di carico sismico viene riportato l'insieme di dati sotto riportati (le masse sono espresse in unità di forza):

- a) **analisi sismica statica equivalente:**
 - quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/L_s (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
 - azione sismica complessiva
- b) **analisi sismica dinamica con spettro di risposta:**
 - quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/L_s (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
 - frequenza, periodo, accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
 - massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione ϵ_{dT} (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità $1000 \cdot \epsilon_{dT}/h$ da confrontare direttamente con i valori forniti nella norma (es. 5 per edifici con tamponamenti collegati rigidamente alla struttura, 10.0 per edifici con tamponamenti collegati elasticamente, 3 per edifici in muratura ordinaria, 4 per edifici in muratura armata).

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo la circolare n.7/2019 del C.S.LL.PP nelle combinazioni in SLC come previsto dal DM 17-01-2018. Per ogni combinazione è riportato il codice di verifica ed i valori utilizzati per la verifica: spostamento dE , area ridotta e dimensione A_2 , azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.

Qualora si applichi l'Ordinanza 3274 e s.m.i. le verifiche sono eseguite in accordo con l'allegato 10.A.

In particolare la tabella, per ogni combinazione di calcolo, riporta:

| | |
|---------------------|--|
| Nodo | Nodo di appoggio dell' isolatore |
| Cmb | Combinazione oggetto della verifica |
| Verif. | Codice di verifica ok – verifica positiva, NV – verifica negativa, ND – verifica non completata |
| dE | Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del 30% |
| Ang fi | Angolo utilizzato per il calcolo dell' area ridotta A_r (per dispositivi circolari) |
| V | Azione verticale agente |
| Ar | Area ridotta efficace |
| Dim A2 | Dimensione utile per il calcolo della deformazione per rotazione |
| Sig s | Tensione nell' inserto in acciaio |
| Gam c(a,s,t) | Deformazioni di taglio dell' elastomero |
| Vcr | Carico critico per instabilità |

Affinché la verifica sia positiva deve essere:

- 1) $V > 0$
- 2) $\text{Sig } s < f_{yk}$
- 3) $\text{Gam } t < 5$
- 4) $\text{Gam } s < \text{Gam}^*$ (caratteristica dell' elastomero)
- 5) $\text{Gam } s < 2$
- 6) $V < 0.5 V_{cr}$

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 23 | Edk | CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.143 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.734 g |
| | | | angolo di ingresso:0.0 |
| | | | eccentricità aggiuntiva: positiva |
| | | | periodo proprio T1: 0.039 sec. |
| | | | fattore q: 1.000 |
| | | | fattore q (fragili): 1.000 |
| | | | fattore per spost. mu d: 1.000 |
| | | | classe di duttilità CD: ND |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|-----------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 5.587e+05 | 1837.50 | -2.07e-05 | 0.0 | -30.60 | 1837.50 | 0.0 | 0.158 | 0.0 | 0.0 |
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | 0.0 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 7.270e+05 | | | | | | | | | |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 9.838 | 0.102 | 0.610 | 6.00 | 8.25e-04 | 6.52e-05 | 0.0 | 0.83 | 1.15e-04 | 0.0 | 0.0 |
| 2 | 9.896 | 0.101 | 0.608 | 727.53 | 0.1 | 7.12e-04 | 0.0 | 33.01 | 4.54e-03 | 0.0 | 0.0 |
| 3 | 9.955 | 0.100 | 0.606 | 1.116e+04 | 1.5 | 3.79e-04 | 0.0 | 182.96 | 2.52e-02 | 0.0 | 0.0 |
| 4 | 10.295 | 0.097 | 0.596 | 3.475e+04 | 4.8 | 4.71e-04 | 0.0 | 7563.88 | 1.0 | 0.0 | 0.0 |
| 5 | 12.060 | 0.083 | 0.553 | 872.15 | 0.1 | 1.25e-03 | 0.0 | 4.046e+05 | 55.7 | 0.0 | 0.0 |
| 6 | 12.778 | 0.078 | 0.539 | 0.46 | 6.31e-05 | 11.74 | 1.62e-03 | 51.93 | 7.14e-03 | 0.0 | 0.0 |
| 7 | 13.208 | 0.076 | 0.532 | 1.96 | 2.69e-04 | 9.85e-03 | 1.36e-06 | 33.64 | 4.63e-03 | 0.0 | 0.0 |
| 8 | 13.876 | 0.072 | 0.521 | 1.26 | 1.73e-04 | 40.35 | 5.55e-03 | 2.44 | 3.36e-04 | 0.0 | 0.0 |
| 9 | 14.175 | 0.071 | 0.516 | 1.23 | 1.69e-04 | 19.37 | 2.66e-03 | 6.67 | 9.17e-04 | 0.0 | 0.0 |
| 10 | 15.744 | 0.064 | 0.495 | 0.37 | 5.13e-05 | 1.06 | 1.45e-04 | 0.97 | 1.33e-04 | 0.0 | 0.0 |
| 11 | 25.433 | 0.039 | 0.422 | 5.545e+05 | 76.3 | 7.21e-03 | 0.0 | 29.35 | 4.04e-03 | 0.0 | 0.0 |
| 12 | 35.295 | 0.028 | 0.389 | 0.07 | 8.96e-06 | 4.211e+05 | 57.9 | 0.06 | 7.81e-06 | 0.0 | 0.0 |
| 13 | 40.626 | 0.025 | 0.378 | 3.10 | 4.26e-04 | 1.784e+05 | 24.5 | 0.07 | 8.96e-06 | 0.0 | 0.0 |
| 14 | 42.009 | 0.024 | 0.375 | 9903.89 | 1.4 | 18.73 | 2.58e-03 | 0.52 | 7.10e-05 | 0.0 | 0.0 |
| 15 | 59.258 | 0.017 | 0.355 | 231.94 | 3.19e-02 | 36.85 | 5.07e-03 | 1.111e+04 | 1.5 | 0.0 | 0.0 |
| 16 | 75.556 | 0.013 | 0.344 | 7.257e+04 | 10.0 | 0.12 | 1.63e-05 | 136.25 | 1.87e-02 | 0.0 | 0.0 |
| 17 | 92.122 | 0.011 | 0.336 | 0.27 | 3.75e-05 | 9.597e+04 | 13.2 | 308.22 | 4.24e-02 | 0.0 | 0.0 |
| 18 | 114.171 | 0.009 | 0.330 | 27.46 | 3.78e-03 | 152.49 | 2.10e-02 | 2.172e+05 | 29.9 | 0.0 | 0.0 |
| Risulta | | | | 6.848e+05 | | 6.957e+05 | | 6.412e+05 | | | |
| In percentuale | | | | 94.19 | | 95.70 | | 88.20 | | | |

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 24 | Edk | CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.143 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.734 g |
| | | | angolo di ingresso:0.0 |
| | | | eccentricità aggiuntiva: negativa |
| | | | periodo proprio T1: 0.039 sec. |
| | | | fattore q: 1.000 |
| | | | fattore q (fragili): 1.000 |
| | | | fattore per spost. mu d: 1.000 |
| | | | classe di duttilità CD: ND |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|-----------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 5.587e+05 | 1837.50 | -2.07e-05 | 0.0 | 30.60 | 1837.50 | 0.0 | 0.158 | 0.0 | 0.0 |
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | 0.0 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 7.270e+05 | | | | | | | | | |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 9.839 | 0.102 | 0.610 | 3.39 | 4.66e-04 | 1.06e-04 | 0.0 | 1.19 | 1.64e-04 | 0.0 | 0.0 |
| 2 | 9.922 | 0.101 | 0.607 | 2713.95 | 0.4 | 8.35e-04 | 0.0 | 82.32 | 1.13e-02 | 0.0 | 0.0 |
| 3 | 9.960 | 0.100 | 0.606 | 9195.16 | 1.3 | 6.95e-04 | 0.0 | 133.33 | 1.83e-02 | 0.0 | 0.0 |
| 4 | 10.296 | 0.097 | 0.596 | 3.474e+04 | 4.8 | 6.39e-04 | 0.0 | 7564.25 | 1.0 | 0.0 | 0.0 |
| 5 | 12.060 | 0.083 | 0.553 | 872.38 | 0.1 | 1.96e-04 | 0.0 | 4.046e+05 | 55.7 | 0.0 | 0.0 |
| 6 | 12.762 | 0.078 | 0.540 | 0.54 | 7.43e-05 | 10.86 | 1.49e-03 | 33.28 | 4.58e-03 | 0.0 | 0.0 |
| 7 | 13.337 | 0.075 | 0.530 | 0.05 | 7.18e-06 | 3.30 | 4.54e-04 | 45.36 | 6.24e-03 | 0.0 | 0.0 |
| 8 | 13.916 | 0.072 | 0.520 | 2.19 | 3.01e-04 | 2.82 | 3.88e-04 | 1.12 | 1.54e-04 | 0.0 | 0.0 |
| 9 | 13.978 | 0.072 | 0.519 | 0.41 | 5.67e-05 | 53.15 | 7.31e-03 | 2.84 | 3.91e-04 | 0.0 | 0.0 |
| 10 | 15.178 | 0.066 | 0.502 | 0.87 | 1.19e-04 | 2.39 | 3.29e-04 | 0.96 | 1.32e-04 | 0.0 | 0.0 |
| 11 | 25.432 | 0.039 | 0.422 | 5.545e+05 | 76.3 | 7.47e-03 | 1.03e-06 | 29.35 | 4.04e-03 | 0.0 | 0.0 |
| 12 | 35.297 | 0.028 | 0.389 | 0.04 | 4.82e-06 | 4.216e+05 | 58.0 | 0.03 | 3.92e-06 | 0.0 | 0.0 |
| 13 | 40.643 | 0.025 | 0.378 | 1.10 | 1.51e-04 | 1.780e+05 | 24.5 | 0.02 | 2.62e-06 | 0.0 | 0.0 |
| 14 | 41.920 | 0.024 | 0.376 | 9811.59 | 1.3 | 6.35 | 8.74e-04 | 1.54 | 2.12e-04 | 0.0 | 0.0 |
| 15 | 58.906 | 0.017 | 0.355 | 377.48 | 5.19e-02 | 11.37 | 1.56e-03 | 1.066e+04 | 1.5 | 0.0 | 0.0 |
| 16 | 75.500 | 0.013 | 0.344 | 7.250e+04 | 10.0 | 0.03 | 4.54e-06 | 219.31 | 3.02e-02 | 0.0 | 0.0 |
| 17 | 92.212 | 0.011 | 0.336 | 0.09 | 1.29e-05 | 9.607e+04 | 13.2 | 141.76 | 1.95e-02 | 0.0 | 0.0 |
| 18 | 113.805 | 0.009 | 0.330 | 46.09 | 6.34e-03 | 68.78 | 9.46e-03 | 2.170e+05 | 29.9 | 0.0 | 0.0 |
| Risulta | | | | 6.847e+05 | | 6.958e+05 | | 6.406e+05 | | | |
| In percentuale | | | | 94.19 | | 95.71 | | 88.11 | | | |

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 25 | Edk | CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.143 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.734 g |
| | | | angolo di ingresso:90.00 |
| | | | eccentricità aggiuntiva: positiva |
| | | | periodo proprio T1: 0.027 sec. |
| | | | fattore q: 1.000 |
| | | | fattore q (fragili): 1.000 |
| | | | fattore per spost. mu d: 1.000 |
| | | | classe di duttilità CD: ND |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|---------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 6.387e+05 | 1966.95 | 3.50 | 306.25 | 0.0 | 1837.50 | 0.0 | 0.172 | 0.069 | 0.005 |
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | 183.75 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 8.070e+05 | | | | | | | | | |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 6.901 | 0.145 | 0.734 | 2337.26 | 0.3 | 4.30 | 5.33e-04 | 1.021e+05 | 12.7 | 0.0 | 0.0 |
| 2 | 9.394 | 0.106 | 0.624 | 53.65 | 6.65e-03 | 668.43 | 8.28e-02 | 148.63 | 1.84e-02 | 0.0 | 0.0 |
| 3 | 9.840 | 0.102 | 0.610 | 6390.89 | 0.8 | 0.01 | 1.58e-06 | 48.83 | 6.05e-03 | 0.0 | 0.0 |
| 4 | 9.908 | 0.101 | 0.608 | 1.943e+04 | 2.4 | 0.01 | 1.39e-06 | 4.25 | 5.27e-04 | 0.0 | 0.0 |
| 5 | 10.226 | 0.098 | 0.598 | 2.923e+04 | 3.6 | 0.25 | 3.04e-05 | 1.178e+04 | 1.5 | 0.0 | 0.0 |
| 6 | 11.784 | 0.085 | 0.559 | 4975.15 | 0.6 | 0.94 | 1.16e-04 | 3.760e+05 | 46.6 | 0.0 | 0.0 |
| 7 | 13.002 | 0.077 | 0.535 | 0.31 | 3.87e-05 | 78.01 | 9.67e-03 | 86.49 | 1.07e-02 | 0.0 | 0.0 |
| 8 | 13.625 | 0.073 | 0.525 | 3.37 | 4.17e-04 | 72.59 | 8.99e-03 | 3.47 | 4.30e-04 | 0.0 | 0.0 |
| 9 | 14.455 | 0.069 | 0.512 | 0.02 | 2.10e-06 | 14.67 | 1.82e-03 | 1.82 | 2.26e-04 | 0.0 | 0.0 |
| 10 | 23.169 | 0.043 | 0.434 | 5.743e+05 | 71.2 | 334.63 | 4.15e-02 | 226.06 | 2.80e-02 | 0.0 | 0.0 |
| 11 | 23.877 | 0.042 | 0.430 | 303.17 | 3.76e-02 | 2.356e+05 | 29.2 | 0.04 | 5.29e-06 | 0.0 | 0.0 |
| 12 | 24.944 | 0.040 | 0.425 | 2.003e+04 | 2.5 | 2632.78 | 0.3 | 11.98 | 1.48e-03 | 0.0 | 0.0 |
| 13 | 32.537 | 0.031 | 0.396 | 2.627e+04 | 3.3 | 452.10 | 5.60e-02 | 66.04 | 8.18e-03 | 0.0 | 0.0 |
| 14 | 37.453 | 0.027 | 0.384 | 9.84 | 1.22e-03 | 3.984e+05 | 49.4 | 4.60e-06 | 0.0 | 0.0 | 0.0 |
| 15 | 57.005 | 0.018 | 0.357 | 452.44 | 5.61e-02 | 2.43 | 3.01e-04 | 1.407e+04 | 1.7 | 0.0 | 0.0 |
| 16 | 70.511 | 0.014 | 0.347 | 2220.85 | 0.3 | 1.189e+05 | 14.7 | 0.37 | 4.58e-05 | 0.0 | 0.0 |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| 17 | 71.963 | 0.014 | 0.346 | 7.636e+04 | 9.5 | 3308.26 | 0.4 | 289.14 | 3.58e-02 | 0.0 | 0.0 |
| 18 | 113.497 | 0.009 | 0.330 | 78.75 | 9.76e-03 | 3.63 | 4.50e-04 | 2.139e+05 | 26.5 | 0.0 | 0.0 |
| Risulta | | | | 7.624e+05 | | 7.604e+05 | | 7.188e+05 | | | |
| In percentuale | | | | 94.48 | | 94.23 | | 89.08 | | | |

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 26 | Edk | CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.143 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.734 g |
| | | | angolo di ingresso:90.00 |
| | | | eccentricità aggiuntiva: negativa |
| | | | periodo proprio T1: 0.029 sec. |
| | | | fattore q: 1.000 |
| | | | fattore q (fragili): 1.000 |
| | | | fattore per spost. mu d: 1.000 |
| | | | classe di duttilità CD: ND |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|-----------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 5.587e+05 | 1837.50 | -2.07e-05 | -306.25 | 0.0 | 1837.50 | 0.0 | 0.158 | 0.0 | 0.0 |
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | -183.75 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 7.270e+05 | | | | | | | | | |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 9.838 | 0.102 | 0.610 | 4.07 | 5.59e-04 | 2.64e-06 | 0.0 | 1.08 | 1.48e-04 | 0.0 | 0.0 |
| 2 | 9.915 | 0.101 | 0.607 | 1811.32 | 0.2 | 5.31e-06 | 0.0 | 61.70 | 8.49e-03 | 0.0 | 0.0 |
| 3 | 9.958 | 0.100 | 0.606 | 1.008e+04 | 1.4 | 5.30e-05 | 0.0 | 154.38 | 2.12e-02 | 0.0 | 0.0 |
| 4 | 10.296 | 0.097 | 0.596 | 3.473e+04 | 4.8 | 3.99e-06 | 0.0 | 7563.57 | 1.0 | 0.0 | 0.0 |
| 5 | 12.060 | 0.083 | 0.553 | 871.69 | 0.1 | 9.03e-04 | 0.0 | 4.046e+05 | 55.7 | 0.0 | 0.0 |
| 6 | 12.776 | 0.078 | 0.539 | 0.64 | 8.78e-05 | 12.51 | 1.72e-03 | 55.78 | 7.67e-03 | 0.0 | 0.0 |
| 7 | 13.490 | 0.074 | 0.527 | 0.58 | 7.97e-05 | 1.72 | 2.37e-04 | 28.78 | 3.96e-03 | 0.0 | 0.0 |
| 8 | 14.000 | 0.071 | 0.519 | 0.14 | 1.92e-05 | 64.13 | 8.82e-03 | 6.64 | 9.13e-04 | 0.0 | 0.0 |
| 9 | 14.736 | 0.068 | 0.508 | 0.03 | 3.76e-06 | 15.72 | 2.16e-03 | 0.01 | 1.70e-06 | 0.0 | 0.0 |
| 10 | 25.447 | 0.039 | 0.422 | 5.546e+05 | 76.3 | 8.18e-03 | 1.13e-06 | 29.22 | 4.02e-03 | 0.0 | 0.0 |
| 11 | 34.090 | 0.029 | 0.392 | 21.58 | 2.97e-03 | 3.570e+05 | 49.1 | 0.08 | 1.12e-05 | 0.0 | 0.0 |
| 12 | 37.000 | 0.027 | 0.385 | 3578.07 | 0.5 | 2.548e+04 | 3.5 | 12.27 | 1.69e-03 | 0.0 | 0.0 |
| 13 | 40.185 | 0.025 | 0.379 | 423.82 | 5.83e-02 | 2.053e+05 | 28.2 | 0.21 | 2.95e-05 | 0.0 | 0.0 |
| 14 | 52.634 | 0.019 | 0.361 | 8330.28 | 1.1 | 1621.93 | 0.2 | 2503.49 | 0.3 | 0.0 | 0.0 |
| 15 | 65.795 | 0.015 | 0.350 | 3.328e+04 | 4.6 | 2002.13 | 0.3 | 9243.24 | 1.3 | 0.0 | 0.0 |
| 16 | 83.053 | 0.012 | 0.340 | 1.218e+04 | 1.7 | 7.994e+04 | 11.0 | 2468.36 | 0.3 | 0.0 | 0.0 |
| 17 | 94.779 | 0.011 | 0.336 | 2.260e+04 | 3.1 | 1.863e+04 | 2.6 | 5.504e+04 | 7.6 | 0.0 | 0.0 |
| 18 | 128.311 | 0.008 | 0.327 | 7857.52 | 1.1 | 2173.20 | 0.3 | 1.704e+05 | 23.4 | 0.0 | 0.0 |
| Risulta | | | | 6.903e+05 | | 6.923e+05 | | 6.522e+05 | | | |
| In percentuale | | | | 94.96 | | 95.22 | | 89.71 | | | |

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 27 | Edk | CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.200 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.358 g |
| | | | angolo di ingresso:0.0 |
| | | | eccentricità aggiuntiva: positiva |
| | | | periodo proprio T1: 0.039 sec. |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|--------|---------------|---------|-----------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 5.587e+05 | 1837.50 | -2.07e-05 | 0.0 | -30.60 | 1837.50 | 0.0 | 0.158 | 0.0 | 0.0 |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|---------|------------|------------|---------|---------|----------|-------------|-------------|
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | 0.0 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 7.270e+05 | | | | | | | | | |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 9.838 | 0.102 | 0.313 | 6.00 | 8.25e-04 | 6.52e-05 | 0.0 | 0.83 | 1.15e-04 | 0.0 | 0.0 |
| 2 | 9.896 | 0.101 | 0.312 | 727.53 | 0.1 | 7.12e-04 | 0.0 | 33.01 | 4.54e-03 | 0.0 | 0.0 |
| 3 | 9.955 | 0.100 | 0.311 | 1.116e+04 | 1.5 | 3.79e-04 | 0.0 | 182.96 | 2.52e-02 | 0.0 | 0.0 |
| 4 | 10.295 | 0.097 | 0.305 | 3.475e+04 | 4.8 | 4.71e-04 | 0.0 | 7563.88 | 1.0 | 0.0 | 0.0 |
| 5 | 12.060 | 0.083 | 0.282 | 872.15 | 0.1 | 1.25e-03 | 0.0 | 4.046e+05 | 55.7 | 0.0 | 0.0 |
| 6 | 12.778 | 0.078 | 0.275 | 0.46 | 6.31e-05 | 11.74 | 1.62e-03 | 51.93 | 7.14e-03 | 0.0 | 0.0 |
| 7 | 13.208 | 0.076 | 0.270 | 1.96 | 2.69e-04 | 9.85e-03 | 1.36e-06 | 33.64 | 4.63e-03 | 0.0 | 0.0 |
| 8 | 13.876 | 0.072 | 0.264 | 1.26 | 1.73e-04 | 40.35 | 5.55e-03 | 2.44 | 3.36e-04 | 0.0 | 0.0 |
| 9 | 14.175 | 0.071 | 0.262 | 1.23 | 1.69e-04 | 19.37 | 2.66e-03 | 6.67 | 9.17e-04 | 0.0 | 0.0 |
| 10 | 15.744 | 0.064 | 0.251 | 0.37 | 5.13e-05 | 1.06 | 1.45e-04 | 0.97 | 1.33e-04 | 0.0 | 0.0 |
| 11 | 25.433 | 0.039 | 0.211 | 5.545e+05 | 76.3 | 7.21e-03 | 0.0 | 29.35 | 4.04e-03 | 0.0 | 0.0 |
| 12 | 35.295 | 0.028 | 0.193 | 0.07 | 8.96e-06 | 4.211e+05 | 57.9 | 0.06 | 7.81e-06 | 0.0 | 0.0 |
| 13 | 40.626 | 0.025 | 0.187 | 3.10 | 4.26e-04 | 1.784e+05 | 24.5 | 0.07 | 8.96e-06 | 0.0 | 0.0 |
| 14 | 42.009 | 0.024 | 0.186 | 9903.89 | 1.4 | 18.73 | 2.58e-03 | 0.52 | 7.10e-05 | 0.0 | 0.0 |
| 15 | 59.258 | 0.017 | 0.174 | 231.94 | 3.19e-02 | 36.85 | 5.07e-03 | 1.111e+04 | 1.5 | 0.0 | 0.0 |
| 16 | 75.556 | 0.013 | 0.168 | 7.257e+04 | 10.0 | 0.12 | 1.63e-05 | 136.25 | 1.87e-02 | 0.0 | 0.0 |
| 17 | 92.122 | 0.011 | 0.164 | 0.27 | 3.75e-05 | 9.597e+04 | 13.2 | 308.22 | 4.24e-02 | 0.0 | 0.0 |
| 18 | 114.171 | 0.009 | 0.161 | 27.46 | 3.78e-03 | 152.49 | 2.10e-02 | 2.172e+05 | 29.9 | 0.0 | 0.0 |
| Risulta | | | | 6.848e+05 | | 6.957e+05 | | 6.412e+05 | | | |
| In percentuale | | | | 94.19 | | 95.70 | | 88.20 | | | |

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 28 | Edk | CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.200 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.358 g |
| | | | angolo di ingresso:0.0 |
| | | | eccentricità aggiuntiva: negativa |
| | | | periodo proprio T1: 0.039 sec. |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|-----------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 5.587e+05 | 1837.50 | -2.07e-05 | 0.0 | 30.60 | 1837.50 | 0.0 | 0.158 | 0.0 | 0.0 |
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | 0.0 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 7.270e+05 | | | | | | | | | |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 9.839 | 0.102 | 0.313 | 3.39 | 4.66e-04 | 1.06e-04 | 0.0 | 1.19 | 1.64e-04 | 0.0 | 0.0 |
| 2 | 9.922 | 0.101 | 0.311 | 2713.95 | 0.4 | 8.35e-04 | 0.0 | 82.32 | 1.13e-02 | 0.0 | 0.0 |
| 3 | 9.960 | 0.100 | 0.311 | 9195.16 | 1.3 | 6.95e-04 | 0.0 | 133.33 | 1.83e-02 | 0.0 | 0.0 |
| 4 | 10.296 | 0.097 | 0.305 | 3.474e+04 | 4.8 | 6.39e-04 | 0.0 | 7564.25 | 1.0 | 0.0 | 0.0 |
| 5 | 12.060 | 0.083 | 0.282 | 872.38 | 0.1 | 1.96e-04 | 0.0 | 4.046e+05 | 55.7 | 0.0 | 0.0 |
| 6 | 12.762 | 0.078 | 0.275 | 0.54 | 7.43e-05 | 10.86 | 1.49e-03 | 33.28 | 4.58e-03 | 0.0 | 0.0 |
| 7 | 13.337 | 0.075 | 0.269 | 0.05 | 7.18e-06 | 3.30 | 4.54e-04 | 45.36 | 6.24e-03 | 0.0 | 0.0 |
| 8 | 13.916 | 0.072 | 0.264 | 2.19 | 3.01e-04 | 2.82 | 3.88e-04 | 1.12 | 1.54e-04 | 0.0 | 0.0 |
| 9 | 13.978 | 0.072 | 0.264 | 0.41 | 5.67e-05 | 53.15 | 7.31e-03 | 2.84 | 3.91e-04 | 0.0 | 0.0 |
| 10 | 15.178 | 0.066 | 0.254 | 0.87 | 1.19e-04 | 2.39 | 3.29e-04 | 0.96 | 1.32e-04 | 0.0 | 0.0 |
| 11 | 25.432 | 0.039 | 0.211 | 5.545e+05 | 76.3 | 7.47e-03 | 1.03e-06 | 29.35 | 4.04e-03 | 0.0 | 0.0 |
| 12 | 35.297 | 0.028 | 0.193 | 0.04 | 4.82e-06 | 4.216e+05 | 58.0 | 0.03 | 3.92e-06 | 0.0 | 0.0 |
| 13 | 40.643 | 0.025 | 0.187 | 1.10 | 1.51e-04 | 1.780e+05 | 24.5 | 0.02 | 2.62e-06 | 0.0 | 0.0 |
| 14 | 41.920 | 0.024 | 0.186 | 9811.59 | 1.3 | 6.35 | 8.74e-04 | 1.54 | 2.12e-04 | 0.0 | 0.0 |
| 15 | 58.906 | 0.017 | 0.174 | 377.48 | 5.19e-02 | 11.37 | 1.56e-03 | 1.066e+04 | 1.5 | 0.0 | 0.0 |
| 16 | 75.500 | 0.013 | 0.168 | 7.250e+04 | 10.0 | 0.03 | 4.54e-06 | 219.31 | 3.02e-02 | 0.0 | 0.0 |
| 17 | 92.212 | 0.011 | 0.164 | 0.09 | 1.29e-05 | 9.607e+04 | 13.2 | 141.76 | 1.95e-02 | 0.0 | 0.0 |
| 18 | 113.805 | 0.009 | 0.161 | 46.09 | 6.34e-03 | 68.78 | 9.46e-03 | 2.170e+05 | 29.9 | 0.0 | 0.0 |
| Risulta | | | | 6.847e+05 | | 6.958e+05 | | 6.406e+05 | | | |
| In percentuale | | | | 94.19 | | 95.71 | | 88.11 | | | |

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 29 | Edk | CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.200 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.358 g |
| | | | angolo di ingresso:90.00 |
| | | | eccentricità aggiuntiva: positiva |
| | | | periodo proprio T1: 0.030 sec. |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|-----------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 5.587e+05 | 1837.50 | -2.07e-05 | 306.25 | 0.0 | 1837.50 | 0.0 | 0.158 | 0.0 | 0.0 |
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | 183.75 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 7.270e+05 | | | | | | | | | |

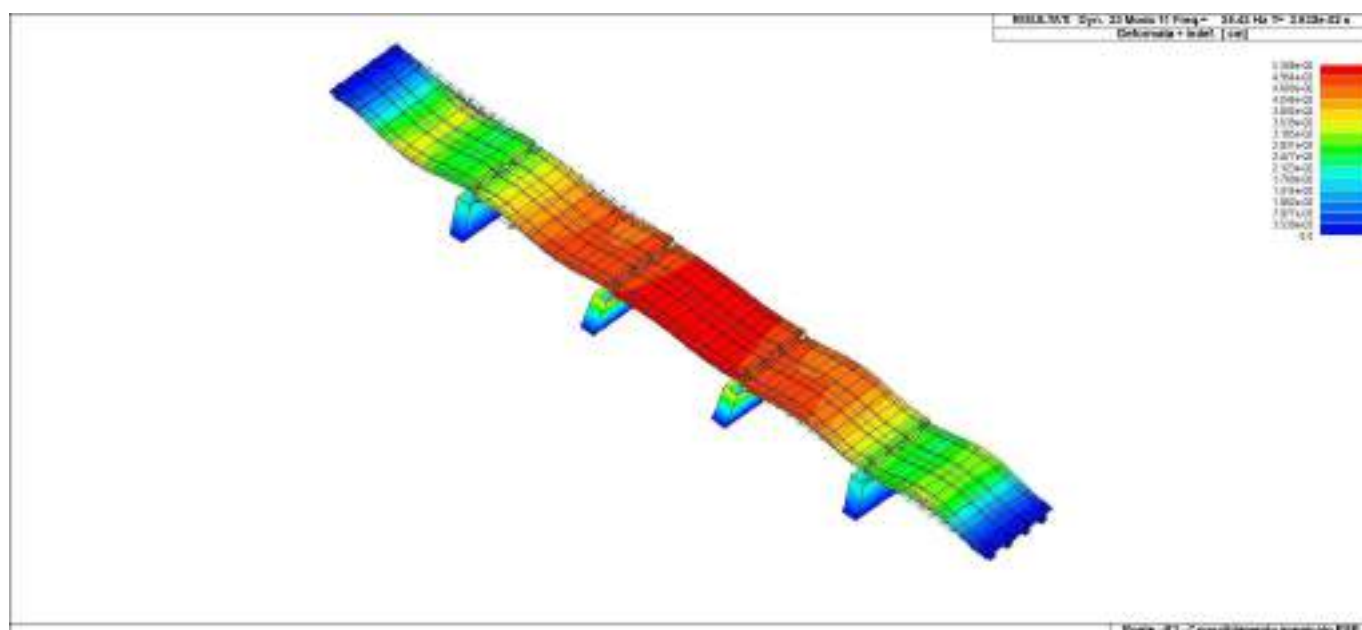
| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 9.838 | 0.102 | 0.313 | 4.24 | 5.84e-04 | 2.81e-06 | 0.0 | 1.05 | 1.45e-04 | 0.0 | 0.0 |
| 2 | 9.923 | 0.101 | 0.311 | 2970.31 | 0.4 | 2.34e-06 | 0.0 | 88.57 | 1.22e-02 | 0.0 | 0.0 |
| 3 | 9.961 | 0.100 | 0.311 | 8934.35 | 1.2 | 5.90e-05 | 0.0 | 127.30 | 1.75e-02 | 0.0 | 0.0 |
| 4 | 10.296 | 0.097 | 0.305 | 3.472e+04 | 4.8 | 2.99e-06 | 0.0 | 7566.00 | 1.0 | 0.0 | 0.0 |
| 5 | 12.060 | 0.083 | 0.282 | 871.99 | 0.1 | 4.14e-04 | 0.0 | 4.046e+05 | 55.7 | 0.0 | 0.0 |
| 6 | 12.756 | 0.078 | 0.275 | 0.48 | 6.63e-05 | 10.78 | 1.48e-03 | 43.66 | 6.01e-03 | 0.0 | 0.0 |
| 7 | 13.513 | 0.074 | 0.268 | 0.70 | 9.66e-05 | 0.37 | 5.07e-05 | 36.52 | 5.02e-03 | 0.0 | 0.0 |
| 8 | 13.879 | 0.072 | 0.264 | 0.10 | 1.35e-05 | 72.94 | 1.00e-02 | 4.08 | 5.61e-04 | 0.0 | 0.0 |
| 9 | 17.407 | 0.057 | 0.241 | 0.36 | 4.97e-05 | 0.79 | 1.09e-04 | 0.11 | 1.51e-05 | 0.0 | 0.0 |
| 10 | 25.447 | 0.039 | 0.211 | 5.546e+05 | 76.3 | 1.27e-04 | 0.0 | 29.27 | 4.03e-03 | 0.0 | 0.0 |
| 11 | 33.869 | 0.030 | 0.195 | 188.38 | 2.59e-02 | 2.751e+05 | 37.8 | 0.28 | 3.84e-05 | 0.0 | 0.0 |
| 12 | 35.815 | 0.028 | 0.192 | 1840.55 | 0.3 | 1.327e+05 | 18.3 | 1.40 | 1.93e-04 | 0.0 | 0.0 |
| 13 | 40.473 | 0.025 | 0.187 | 1303.79 | 0.2 | 1.751e+05 | 24.1 | 0.03 | 3.81e-06 | 0.0 | 0.0 |
| 14 | 50.747 | 0.020 | 0.179 | 1.246e+04 | 1.7 | 1.143e+04 | 1.6 | 322.77 | 4.44e-02 | 0.0 | 0.0 |
| 15 | 59.642 | 0.017 | 0.174 | 3753.50 | 0.5 | 873.30 | 0.1 | 1.054e+04 | 1.5 | 0.0 | 0.0 |
| 16 | 79.021 | 0.013 | 0.167 | 5.524e+04 | 7.6 | 1.923e+04 | 2.6 | 992.94 | 0.1 | 0.0 | 0.0 |
| 17 | 90.641 | 0.011 | 0.165 | 9463.15 | 1.3 | 7.885e+04 | 10.8 | 2067.07 | 0.3 | 0.0 | 0.0 |
| 18 | 114.522 | 0.009 | 0.161 | 450.63 | 6.20e-02 | 310.28 | 4.27e-02 | 2.149e+05 | 29.6 | 0.0 | 0.0 |
| Risulta | | | | 6.868e+05 | | 6.937e+05 | | 6.413e+05 | | | |
| In percentuale | | | | 94.47 | | 95.42 | | 88.22 | | | |

| CDC | Tipo | Sigla Id | Note |
|-----|------|---|---|
| 30 | Edk | CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -) | |
| | | | verifica esistenti: fattore FC 1.200 |
| | | | categoria suolo: B |
| | | | fattore di sito S = 1.200 |
| | | | ordinata spettro (tratto Tb-Tc) = 0.358 g |
| | | | angolo di ingresso:90.00 |
| | | | eccentricità aggiuntiva: negativa |
| | | | periodo proprio T1: 0.029 sec. |
| | | | numero di modi considerati: 18 |
| | | | combinaz. modale: CQC |

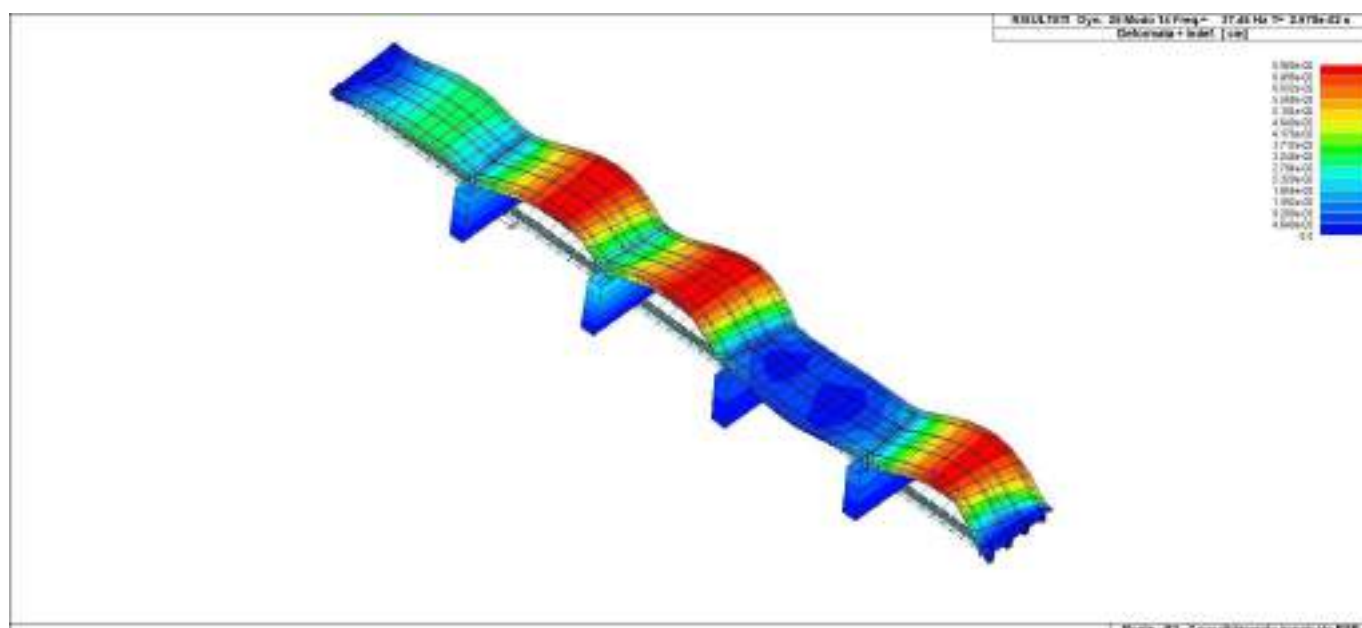
| Quota | M Sismica x g | Pos. GX | Pos. GY | E agg. X-X | E agg. Y-Y | Pos. KX | Pos. KY | (r/Ls)^2 | rapp. ex/rx | rapp. ey/ry |
|---------|---------------|---------|-----------|------------|------------|---------|---------|----------|-------------|-------------|
| cm | daN | cm | cm | cm | cm | cm | cm | | | |
| 475.00 | 5.587e+05 | 1837.50 | -2.07e-05 | -306.25 | 0.0 | 1837.50 | 0.0 | 0.158 | 0.0 | 0.0 |
| 395.00 | 1.683e+05 | 1837.50 | 0.0 | -183.75 | 0.0 | 1837.50 | 0.0 | 1.667 | 0.0 | 0.0 |
| Risulta | 7.270e+05 | | | | | | | | | |

| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| | Hz | sec | g | daN | | daN | | daN | | | |
| 1 | 9.838 | 0.102 | 0.313 | 4.07 | 5.59e-04 | 2.64e-06 | 0.0 | 1.08 | 1.48e-04 | 0.0 | 0.0 |
| 2 | 9.915 | 0.101 | 0.312 | 1811.32 | 0.2 | 5.31e-06 | 0.0 | 61.70 | 8.49e-03 | 0.0 | 0.0 |
| 3 | 9.958 | 0.100 | 0.311 | 1.008e+04 | 1.4 | 5.30e-05 | 0.0 | 154.38 | 2.12e-02 | 0.0 | 0.0 |
| 4 | 10.296 | 0.097 | 0.305 | 3.473e+04 | 4.8 | 3.99e-06 | 0.0 | 7563.57 | 1.0 | 0.0 | 0.0 |
| 5 | 12.060 | 0.083 | 0.282 | 871.69 | 0.1 | 9.03e-04 | 0.0 | 4.046e+05 | 55.7 | 0.0 | 0.0 |
| 6 | 12.776 | 0.078 | 0.275 | 0.64 | 8.78e-05 | 12.51 | 1.72e-03 | 55.78 | 7.67e-03 | 0.0 | 0.0 |

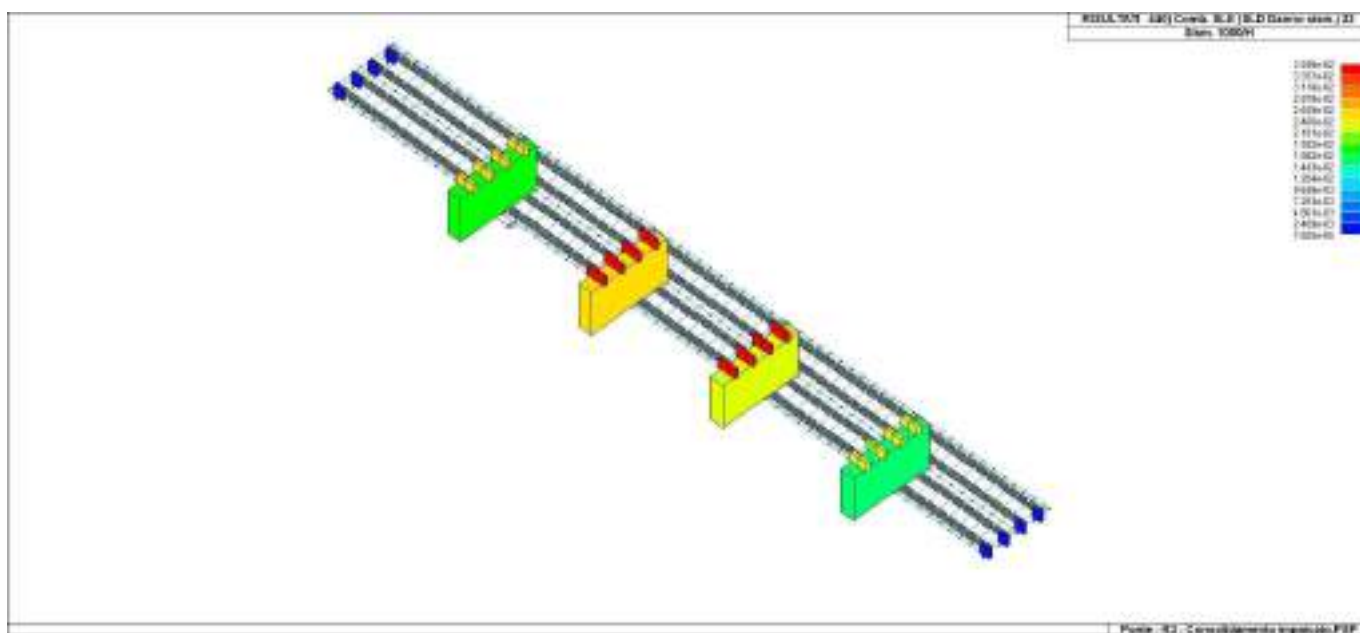
| Modo | Frequenza | Periodo | Acc. Spettrale | M efficace X x g | % | M efficace Y x g | % | M efficace Z x g | % | Energia | Energia x v |
|----------------|-----------|---------|----------------|------------------|----------|------------------|----------|------------------|----------|---------|-------------|
| 7 | 13.490 | 0.074 | 0.268 | 0.58 | 7.97e-05 | 1.72 | 2.37e-04 | 28.78 | 3.96e-03 | 0.0 | 0.0 |
| 8 | 14.000 | 0.071 | 0.263 | 0.14 | 1.92e-05 | 64.13 | 8.82e-03 | 6.64 | 9.13e-04 | 0.0 | 0.0 |
| 9 | 14.736 | 0.068 | 0.258 | 0.03 | 3.76e-06 | 15.72 | 2.16e-03 | 0.01 | 1.70e-06 | 0.0 | 0.0 |
| 10 | 25.447 | 0.039 | 0.211 | 5.546e+05 | 76.3 | 8.18e-03 | 1.13e-06 | 29.22 | 4.02e-03 | 0.0 | 0.0 |
| 11 | 34.090 | 0.029 | 0.195 | 21.58 | 2.97e-03 | 3.570e+05 | 49.1 | 0.08 | 1.12e-05 | 0.0 | 0.0 |
| 12 | 37.000 | 0.027 | 0.191 | 3578.07 | 0.5 | 2.548e+04 | 3.5 | 12.27 | 1.69e-03 | 0.0 | 0.0 |
| 13 | 40.185 | 0.025 | 0.187 | 423.82 | 5.83e-02 | 2.053e+05 | 28.2 | 0.21 | 2.95e-05 | 0.0 | 0.0 |
| 14 | 52.634 | 0.019 | 0.178 | 8330.28 | 1.1 | 1621.93 | 0.2 | 2503.49 | 0.3 | 0.0 | 0.0 |
| 15 | 65.795 | 0.015 | 0.172 | 3.328e+04 | 4.6 | 2002.13 | 0.3 | 9243.24 | 1.3 | 0.0 | 0.0 |
| 16 | 83.053 | 0.012 | 0.166 | 1.218e+04 | 1.7 | 7.994e+04 | 11.0 | 2468.36 | 0.3 | 0.0 | 0.0 |
| 17 | 94.779 | 0.011 | 0.164 | 2.260e+04 | 3.1 | 1.863e+04 | 2.6 | 5.504e+04 | 7.6 | 0.0 | 0.0 |
| 18 | 128.311 | 0.008 | 0.159 | 7857.52 | 1.1 | 2173.20 | 0.3 | 1.704e+05 | 23.4 | 0.0 | 0.0 |
| Risulta | | | | 6.903e+05 | | 6.923e+05 | | 6.522e+05 | | | |
| In percentuale | | | | 94.96 | | 95.22 | | 89.71 | | | |



31_RIS_MODALOX_011_CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)



31_RIS_MODALOY_014_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)



31_RIS_SLE_440_Comb. SLE (SLD Danno sism.) 33

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

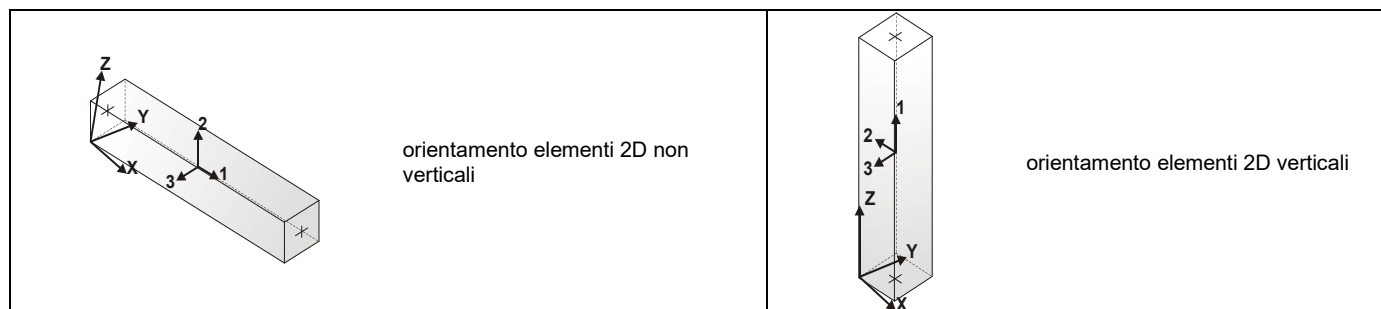
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

| | |
|---------------------|--|
| Pilas. | numero dell'elemento pilastro |
| Cmb | combinazione in cui si verificano i valori riportati |
| M3 mx/mn | momento flettente in campata M3 max (prima riga) / min (seconda riga) |
| M2 mx/mn | momento flettente in campata M2 max (prima riga) / min (seconda riga) |
| D2/D3 | freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga) |
| Q2/Q3 | carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga) |
| Pos. | ascissa del punto iniziale e finale dell'elemento |
| N, V2, ecc.. | sei componenti di sollecitazione al piede ed in sommità dell'elemento |

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



| Pilas. | Cmb | M3 mx/mn daN cm | M2 mx/mn daN cm | D 2 / D 3 cm | Q 2 / Q 3 daN | Pos. cm | N daN | V 2 daN | V 3 daN | T daN | M 2 daN cm | M 3 daN cm |
|--------|-----|--------------------|--------------------|-----------------|------------------|------------|------------|------------|------------|------------|---------------|---------------|
| 1 | 50 | 1.826e+07 | -1.502e+06 | 0.04 | 0.0 | 0.0 | -3.131e+05 | -3.277e+04 | -9846.43 | 8.549e+05 | -1.502e+06 | 1.826e+07 |
| | | 5.320e+06 | -5.392e+06 | 2.36e-04 | 0.0 | 395.0 | -2.289e+05 | -3.277e+04 | -9846.43 | 8.549e+05 | -5.392e+06 | 5.320e+06 |
| 1 | 69 | 4.615e+06 | -2.718e+06 | 6.81e-03 | 0.0 | 0.0 | -4.462e+05 | 6836.83 | -1.093e+04 | 2.597e+05 | -2.718e+06 | 1.915e+06 |
| | | 1.915e+06 | -7.036e+06 | 2.08e-04 | 0.0 | 395.0 | -3.326e+05 | 6836.83 | -1.093e+04 | 2.597e+05 | -7.036e+06 | 4.615e+06 |
| 1 | 71 | 4.615e+06 | -4.219e+06 | 6.81e-03 | 0.0 | 0.0 | -4.462e+05 | 6837.09 | -7446.32 | 2.708e+05 | -4.219e+06 | 1.915e+06 |
| | | 1.915e+06 | -7.161e+06 | 7.96e-05 | 0.0 | 395.0 | -3.326e+05 | 6837.09 | -7446.32 | 2.708e+05 | -7.161e+06 | 4.615e+06 |
| 1 | 111 | -3.319e+06 | -1.833e+06 | -0.01 | 0.0 | 0.0 | -3.846e+05 | 7711.19 | -8835.09 | -7.671e+05 | -1.833e+06 | -6.365e+06 |
| | | -6.365e+06 | -5.323e+06 | 1.84e-04 | 0.0 | 395.0 | -2.710e+05 | 7711.19 | -8835.09 | -7.671e+05 | -5.323e+06 | -3.319e+06 |
| 1 | 148 | -2.330e+04 | 8.113e+05 | -3.52e-04 | 0.0 | 0.0 | -2.137e+05 | 413.40 | -4966.67 | 5.038e+04 | 8.113e+05 | -1.866e+05 |
| | | -1.866e+05 | -1.150e+06 | 2.31e-04 | 0.0 | 395.0 | -1.295e+05 | 413.40 | -4966.67 | 5.038e+04 | -1.150e+06 | -2.330e+04 |
| 1 | 214 | -3.701e+05 | 4.316e+06 | -4.21e-03 | 0.0 | 0.0 | -2.139e+05 | 4610.10 | -1.279e+04 | 1.788e+04 | 4.316e+06 | -2.191e+06 |
| | | -2.191e+06 | -7.357e+05 | 7.55e-04 | 0.0 | 395.0 | -1.298e+05 | 4610.10 | -1.279e+04 | 1.788e+04 | -7.357e+05 | -3.701e+05 |
| 1 | 285 | 1.335e+07 | -1.510e+06 | 0.03 | 0.0 | 0.0 | -2.846e+05 | -2.390e+04 | -6444.52 | 6.472e+05 | -1.510e+06 | 1.335e+07 |
| | | 3.910e+06 | -4.056e+06 | 1.27e-04 | 0.0 | 395.0 | -2.004e+05 | -2.390e+04 | -6444.52 | 6.472e+05 | -4.056e+06 | 3.910e+06 |
| 1 | 295 | 3.407e+06 | -2.379e+06 | 4.92e-03 | 0.0 | 0.0 | -3.302e+05 | 5204.68 | -7314.12 | 1.952e+05 | -2.379e+06 | 1.352e+06 |
| | | 1.352e+06 | -5.268e+06 | 1.18e-04 | 0.0 | 395.0 | -2.461e+05 | 5204.68 | -7314.12 | 1.952e+05 | -5.268e+06 | 3.407e+06 |
| 1 | 296 | 3.407e+06 | -3.380e+06 | 4.92e-03 | 0.0 | 0.0 | -3.302e+05 | 5204.85 | -4991.70 | 2.026e+05 | -3.380e+06 | 1.352e+06 |
| | | 1.352e+06 | -5.352e+06 | -7.07e-05 | 0.0 | 395.0 | -2.461e+05 | 5204.85 | -4991.70 | 2.026e+05 | -5.352e+06 | 3.407e+06 |
| 1 | 316 | -2.470e+06 | -1.612e+06 | -0.01 | 0.0 | 0.0 | -2.846e+05 | 5852.33 | -6020.42 | -5.662e+05 | -1.612e+06 | -4.781e+06 |
| | | -4.781e+06 | -3.990e+06 | 1.10e-04 | 0.0 | 395.0 | -2.004e+05 | 5852.33 | -6020.42 | -5.662e+05 | -3.990e+06 | -2.470e+06 |
| 1 | 334 | -4.784e+04 | 3.515e+05 | -6.07e-04 | 0.0 | 0.0 | -2.109e+05 | 684.94 | -3173.17 | 5.023e+04 | 3.515e+05 | -3.184e+05 |
| | | -3.184e+05 | -9.019e+05 | 1.36e-04 | 0.0 | 395.0 | -1.268e+05 | 684.94 | -3173.17 | 5.023e+04 | -9.019e+05 | -4.784e+04 |
| 1 | 367 | -3.053e+05 | 2.714e+06 | -3.47e-03 | 0.0 | 0.0 | -2.111e+05 | 3801.32 | -8444.36 | 2.791e+04 | 2.714e+06 | -1.807e+06 |
| | | -1.807e+06 | -6.214e+05 | 4.89e-04 | 0.0 | 395.0 | -1.270e+05 | 3801.32 | -8444.36 | 2.791e+04 | -6.214e+05 | -3.053e+05 |
| 1 | 391 | -6.844e+04 | -1.856e+04 | -7.71e-04 | 0.0 | 0.0 | -1.955e+05 | 842.12 | 237.22 | 3.926e+04 | -1.123e+05 | -4.011e+05 |
| | | -4.011e+05 | -1.123e+05 | -1.63e-05 | 0.0 | 395.0 | -1.114e+05 | 842.12 | 237.22 | 3.926e+04 | -1.856e+04 | -6.844e+04 |
| 1 | 393 | -6.844e+04 | 2.561e+06 | -7.71e-04 | 0.0 | 0.0 | -1.955e+05 | 842.05 | -5392.17 | 1.803e+04 | 2.561e+06 | -4.010e+05 |
| | | -4.010e+05 | 4.313e+05 | 3.72e-04 | 0.0 | 395.0 | -1.114e+05 | 842.05 | -5392.17 | 1.803e+04 | 4.313e+05 | -6.844e+04 |
| 1 | 396 | 9.523e+06 | -2.327e+06 | 0.02 | 0.0 | 0.0 | -2.486e+05 | -1.689e+04 | 335.47 | 5.049e+05 | -2.459e+06 | 9.523e+06 |
| | | 2.850e+06 | -2.459e+06 | -1.89e-04 | 0.0 | 395.0 | -1.645e+05 | -1.689e+04 | 335.47 | 5.049e+05 | -2.327e+06 | 2.850e+06 |

| | | | | | | | | | | | | |
|---|-----|------------|------------|-----------|-----|-------|------------|------------|------------|------------|------------|------------|
| 1 | 397 | 2.473e+06 | -3.111e+06 | 2.75e-03 | 0.0 | 0.0 | -2.829e+05 | 4933.46 | -316.73 | 1.659e+05 | -3.111e+06 | 5.244e+05 |
| | | 5.244e+05 | -3.236e+06 | -2.14e-04 | 0.0 | 395.0 | -1.987e+05 | 4933.46 | -316.73 | 1.659e+05 | -3.236e+06 | 2.473e+06 |
| 1 | 399 | -1.935e+06 | -1.785e+06 | -8.74e-03 | 0.0 | 0.0 | -2.486e+05 | 5419.07 | -1088.27 | -4.107e+05 | -1.785e+06 | -4.075e+06 |
| | | -4.075e+06 | -2.215e+06 | -9.11e-05 | 0.0 | 395.0 | -1.645e+05 | 5419.07 | -1088.27 | -4.107e+05 | -2.215e+06 | -1.935e+06 |
| 1 | 407 | -6.844e+04 | -1.856e+04 | -7.71e-04 | 0.0 | 0.0 | -1.955e+05 | 842.12 | 237.22 | 3.926e+04 | -1.123e+05 | -4.011e+05 |
| | | -4.011e+05 | -1.123e+05 | -1.63e-05 | 0.0 | 395.0 | -1.114e+05 | 842.12 | 237.22 | 3.926e+04 | -1.856e+04 | -6.844e+04 |
| 1 | 412 | -1.004e+06 | -1.146e+06 | -0.01 | 0.0 | 0.0 | -2.136e+05 | 1.567e+04 | 1.566e+04 | 3.262e+05 | -7.293e+06 | -6.696e+06 |
| | | -6.696e+06 | -7.293e+06 | -1.07e-03 | 0.0 | 395.0 | -1.294e+05 | 1.567e+04 | 1.566e+04 | 3.262e+05 | -1.146e+06 | -1.004e+06 |
| 1 | 415 | 5.894e+06 | 7.068e+06 | 0.01 | 0.0 | 0.0 | -1.774e+05 | -1.398e+04 | -1.518e+04 | -2.477e+05 | 7.068e+06 | 5.894e+06 |
| | | 8.676e+05 | 1.109e+06 | 1.04e-03 | 0.0 | 395.0 | -9.329e+04 | -1.398e+04 | -1.518e+04 | -2.477e+05 | 1.109e+06 | 8.676e+05 |
| 1 | 421 | -9.107e+05 | 6.999e+06 | -0.01 | 0.0 | 0.0 | -2.166e+05 | 1.519e+04 | -1.499e+04 | -2.191e+05 | 6.999e+06 | -6.591e+06 |
| | | -6.591e+06 | 1.113e+06 | 1.03e-03 | 0.0 | 395.0 | -1.324e+05 | 1.519e+04 | -1.499e+04 | -2.191e+05 | 1.113e+06 | -9.107e+05 |
| 1 | 422 | 5.789e+06 | -1.150e+06 | 0.01 | 0.0 | 0.0 | -1.744e+05 | -1.351e+04 | 1.547e+04 | 2.976e+05 | -7.224e+06 | 5.789e+06 |
| | | 7.738e+05 | -7.224e+06 | -1.06e-03 | 0.0 | 395.0 | -9.031e+04 | -1.351e+04 | 1.547e+04 | 2.976e+05 | -1.150e+06 | 7.738e+05 |
| 1 | 436 | -4.912e+05 | -4.222e+06 | -4.49e-03 | 0.0 | 0.0 | -1.964e+05 | 6011.13 | 5.708e+04 | 7.122e+05 | -2.661e+07 | -2.449e+06 |
| | | -2.449e+06 | -2.661e+07 | -3.90e-03 | 0.0 | 395.0 | -1.123e+05 | 6011.13 | 5.708e+04 | 7.122e+05 | -2.449e+06 | -2.449e+06 |
| 1 | 439 | 1.647e+06 | 2.639e+07 | 2.95e-03 | 0.0 | 0.0 | -1.946e+05 | -4326.89 | -5.661e+04 | -6.337e+05 | 2.639e+07 | 1.647e+06 |
| | | 3.543e+05 | 4.185e+06 | 3.87e-03 | 0.0 | 395.0 | -1.104e+05 | -4326.89 | -5.661e+04 | -6.337e+05 | 4.185e+06 | 3.543e+05 |
| 1 | 440 | -5.482e+05 | -4.243e+05 | -6.70e-03 | 0.0 | 0.0 | -2.046e+05 | 8330.53 | 4531.06 | 1.496e+05 | -2.185e+06 | -3.590e+06 |
| | | -3.590e+06 | -2.185e+06 | -3.15e-04 | 0.0 | 395.0 | -1.205e+05 | 8330.53 | 4531.06 | 1.496e+05 | -2.185e+06 | -3.590e+06 |
| 1 | 443 | 2.788e+06 | 1.961e+06 | 5.16e-03 | 0.0 | 0.0 | -1.864e+05 | -6646.30 | -4056.61 | -7.105e+04 | 1.961e+06 | 2.788e+06 |
| | | 4.113e+05 | 3.872e+05 | 2.82e-04 | 0.0 | 395.0 | -1.022e+05 | -6646.30 | -4056.61 | -7.105e+04 | 3.872e+05 | 4.113e+05 |
| 1 | 449 | -4.935e+05 | 1.926e+06 | -6.57e-03 | 0.0 | 0.0 | -2.062e+05 | 8030.61 | -3961.71 | -5.670e+04 | 1.926e+06 | -3.511e+06 |
| | | -3.511e+06 | 3.892e+05 | 2.76e-04 | 0.0 | 395.0 | -1.221e+05 | 8030.61 | -3961.71 | -5.670e+04 | 3.892e+05 | -3.511e+06 |
| 1 | 450 | 2.708e+06 | -4.263e+05 | 5.03e-03 | 0.0 | 0.0 | -1.848e+05 | -6346.38 | 4436.15 | 1.352e+05 | -2.151e+06 | 2.708e+06 |
| | | 3.566e+05 | -2.151e+06 | -3.09e-04 | 0.0 | 395.0 | -1.006e+05 | -6346.38 | 4436.15 | 1.352e+05 | -2.151e+06 | 3.566e+05 |
| 1 | 468 | -2.806e+05 | -2.105e+06 | -2.65e-03 | 0.0 | 0.0 | -1.961e+05 | 3432.44 | 2.845e+04 | 3.730e+05 | -1.327e+07 | -1.432e+06 |
| | | -1.432e+06 | -1.327e+07 | -1.94e-03 | 0.0 | 395.0 | -1.119e+05 | 3432.44 | 2.845e+04 | 3.730e+05 | -2.105e+06 | -2.806e+05 |
| 1 | 471 | 6.299e+05 | 1.304e+07 | 1.11e-03 | 0.0 | 0.0 | -1.949e+05 | -1748.20 | -2.798e+04 | -2.945e+05 | 1.304e+07 | 6.299e+05 |
| | | 1.437e+05 | 2.068e+06 | 1.91e-03 | 0.0 | 395.0 | -1.108e+05 | -1748.20 | -2.798e+04 | -2.945e+05 | 2.068e+06 | 1.437e+05 |
| 2 | 112 | 1.387e+07 | -1.433e+06 | 0.03 | 0.0 | 0.0 | -3.131e+05 | -2.351e+04 | -9687.99 | 8.677e+05 | -1.433e+06 | 1.387e+07 |
| | | 4.580e+06 | -5.259e+06 | 2.35e-04 | 0.0 | 395.0 | -2.290e+05 | -2.351e+04 | -9687.99 | 8.677e+05 | -5.259e+06 | 4.580e+06 |
| 2 | 131 | 4.627e+06 | -3.698e+06 | 6.92e-03 | 0.0 | 0.0 | -4.462e+05 | 6720.86 | -8557.56 | 2.171e+05 | -3.698e+06 | 4.627e+06 |
| | | 1.972e+06 | -7.079e+06 | 1.12e-04 | 0.0 | 395.0 | -3.326e+05 | 6720.86 | -8557.56 | 2.171e+05 | -7.079e+06 | 1.972e+06 |
| 2 | 132 | 4.647e+06 | -3.724e+06 | 7.15e-03 | 0.0 | 0.0 | -3.747e+05 | 6467.47 | -8502.35 | 2.154e+05 | -3.724e+06 | 2.092e+06 |
| | | 2.092e+06 | -7.083e+06 | 1.11e-04 | 0.0 | 395.0 | -2.906e+05 | 6467.47 | -8502.35 | 2.154e+05 | -7.083e+06 | 2.092e+06 |
| 2 | 169 | -3.848e+06 | 1.407e+05 | -0.02 | 0.0 | 0.0 | -3.846e+05 | 1.435e+04 | -1.331e+04 | -8.355e+05 | 1.407e+05 | -9.518e+06 |
| | | -9.518e+06 | 5.116e+06 | 4.72e-04 | 0.0 | 395.0 | -2.710e+05 | 1.435e+04 | -1.331e+04 | -8.355e+05 | 5.116e+06 | -3.848e+06 |
| 2 | 214 | -8.027e+05 | 3.939e+06 | -9.15e-03 | 0.0 | 0.0 | -2.140e+05 | 1.003e+04 | -1.199e+04 | 4.929e+04 | 3.939e+06 | -4.766e+06 |
| | | -4.766e+06 | -7.958e+05 | 7.00e-04 | 0.0 | 395.0 | -1.298e+05 | 1.003e+04 | -1.199e+04 | 4.929e+04 | -7.958e+05 | -8.027e+05 |
| 2 | 253 | -6.530e+05 | 4.871e+06 | -7.44e-03 | 0.0 | 0.0 | -2.855e+05 | 8162.22 | -1.395e+04 | 1.099e+04 | 4.871e+06 | -3.877e+06 |
| | | -3.877e+06 | -6.391e+05 | 8.36e-04 | 0.0 | 395.0 | -1.719e+05 | 8162.22 | -1.395e+04 | 1.099e+04 | -6.391e+05 | -6.530e+05 |
| 2 | 316 | 1.008e+07 | -1.309e+06 | 0.02 | 0.0 | 0.0 | -2.846e+05 | -1.702e+04 | -6665.75 | 6.440e+05 | -1.309e+06 | 1.008e+07 |
| | | 3.362e+06 | -3.942e+06 | 1.43e-04 | 0.0 | 395.0 | -2.005e+05 | -1.702e+04 | -6665.75 | 6.440e+05 | -3.942e+06 | 3.362e+06 |
| 2 | 326 | 3.411e+06 | -3.007e+06 | 4.94e-03 | 0.0 | 0.0 | -3.302e+05 | 5181.78 | -5787.50 | 1.608e+05 | -3.007e+06 | 1.364e+06 |
| | | 1.364e+06 | -5.293e+06 | 6.68e-05 | 0.0 | 395.0 | -2.461e+05 | 5181.78 | -5787.50 | 1.608e+05 | -5.293e+06 | 3.411e+06 |
| 2 | 345 | -2.867e+06 | -2.807e+05 | -0.01 | 0.0 | 0.0 | -2.846e+05 | 1.084e+04 | -9036.26 | -6.190e+05 | -2.807e+05 | -7.147e+06 |
| | | -7.147e+06 | -3.850e+06 | 2.93e-04 | 0.0 | 395.0 | -2.005e+05 | 1.084e+04 | -9036.26 | -6.190e+05 | -3.850e+06 | -2.867e+06 |
| 2 | 367 | -6.276e+05 | 2.460e+06 | -7.16e-03 | 0.0 | 0.0 | -2.112e+05 | 7845.55 | -7904.41 | 3.779e+04 | 2.460e+06 | -3.727e+06 |
| | | -3.727e+06 | -6.621e+05 | 4.52e-04 | 0.0 | 395.0 | -1.270e+05 | 7845.55 | -7904.41 | 3.779e+04 | -6.621e+05 | -6.276e+05 |
| 2 | 387 | -5.014e+05 | 3.133e+06 | -5.72e-03 | 0.0 | 0.0 | -2.112e+05 | 6267.35 | -9321.80 | 8038.63 | 3.133e+06 | -2.977e+06 |
| | | -2.977e+06 | -5.489e+05 | 5.50e-04 | 0.0 | 395.0 | -1.270e+05 | 6267.35 | -9321.80 | 8038.63 | -5.489e+05 | -5.014e+05 |
| 2 | 393 | -5.360e+04 | 2.878e+06 | -6.11e-04 | 0.0 | 0.0 | -1.955e+05 | 670.01 | -6059.61 | 5144.50 | 2.878e+06 | -3.183e+05 |
| | | -3.183e+05 | 4.843e+05 | 4.18e-04 | 0.0 | 395.0 | -1.114e+05 | 670.01 | -6059.61 | 5144.50 | 4.843e+05 | -5.360e+04 |
| 2 | 399 | 6.895e+06 | -1.592e+06 | 0.01 | 0.0 | 0.0 | -2.487e+05 | -1.136e+04 | -1496.32 | 4.831e+05 | -1.592e+06 | 6.895e+06 |
| | | 2.409e+06 | -2.183e+06 | -6.30e-05 | 0.0 | 395.0 | -1.645e+05 | -1.136e+04 | -1496.32 | 4.831e+05 | -2.183e+06 | 2.409e+06 |
| 2 | 400 | 2.446e+06 | -2.865e+06 | 2.42e-03 | 0.0 | 0.0 | -2.829e+05 | 5292.88 | -837.64 | 1.207e+05 | -2.865e+06 | 3.549e+06 |
| | | 3.549e+05 | -3.196e+06 | -1.78e-04 | 0.0 | 395.0 | -1.988e+05 | 5292.88 | -837.64 | 1.207e+05 | -3.196e+06 | 3.549e+06 |
| 2 | 402 | -2.263e+06 | -1.615e+06 | -0.01 | 0.0 | 0.0 | -2.487e+05 | 9533.48 | -1449.57 | -4.642e+05 | -1.615e+06 | -6.028e+06 |
| | | -6.028e+06 | -2.188e+06 | -6.63e-05 | 0.0 | 395.0 | -1.645e+05 | 9533.48 | -1449.57 | -4.642e+05 | -2.188e+06 | -2.263e+06 |
| 2 | 407 | -5.358e+04 | 6.852e+04 | -6.11e-04 | 0.0 | 0.0 | -1.955e+05 | 669.76 | -145.12 | 4711.46 | 6.852e+04 | -3.181e+05 |
| | | -3.181e+05 | 1.120e+04 | 9.98e-06 | 0.0 | 395.0 | -1.114e+05 | 669.76 | -145.12 | 4711.46 | 1.120e+04 | -5.358e+04 |
| 2 | 420 | -1.007e+06 | -1.259e+06 | -0.02 | 0.0 | 0.0 | -1.874e+05 | 2.309e+04 | 1.623e+04 | -2.587e+05 | -7.639e+06 | -9.862e+06 |
| | | -9.862e+06 | -7.639e+06 | -1.11e-03 | 0.0 | 395.0 | -1.032e+05 | 2.309e+04 | 1.623e+04 | -2.587e+05 | -1.259e+06 | -1.007e+06 |
| 2 | 421 | -1.170e+06 | 8.538e+06 | -0.02 | 0.0 | 0.0 | -1.898e+05 | 2.376e+04 | -1.807e+04 | 4.397e+04 | 8.538e+06 | -9.970e+06 |
| | | -9.970e+06 | 1.436e+06 | 1.24e-03 | 0.0 | 395.0 | -1.057e+05 | 2.376e+04 | -1.807e+04 | 4.397e+04 | 1.436e+06 | -1.170e+06 |
| 2 | 422 | 9.333e+06 | -1.414e+06 | 0.02 | 0.0 | 0.0 | -2.012e+05 | -2.242e+04 | 1.778e+04 | -3.455e+04 | -8.401e+06 | 9.333e+06 |
| | | 1.063e+06 | -8.401e+06 | -1.22e-03 | 0.0 | 395.0 | -1.171e+05 | -2.242e+04 | 1.778e+04 | -3.455e+04 | -1.414e+06 | 1.063e+06 |
| 2 | 423 | 9.226e+06 | 7.776e+06 | 0.02 | 0.0 | 0.0 | -2.037e+05 | -2.176e+04 | -1.652e+04 | 2.682e+05 | 7.776e+06 | 9.226e+06 |
| | | 8.995e+05 | 1.281e+06 | 1.13e-03 | 0.0 | 395.0 | -1.195e+05 | -2.176e+04 | -1.652e+04 | 2.682e+05 | 1.281e+06 | 8.995e+05 |
| 2 | 433 | -6.358e+05 | 2.716e+07 | -6.09e-03 | 0.0 | 0.0 | -1.975e+05 | 8613.17 | -5.759e+04 | 5.428e+05 | -2.716e+07 | -3.377e+06 |
| | | -3.377e+06 | 4.524e+06 | 3.96e-03 | 0.0 | 395.0 | -1.134e+05 | 8613.17 | -5.759e+04 | 5.428e+05 | 4.524e+06 | -6.358e+05 |
| 2 | 434 | 2.740e+06 | -4.501e+06 | 4.87e-03 | 0.0 | 0.0 | -1.935e+05 | -7273.65 | 5.730e+04 | -5.333e+05 | -2.702e+07 | 2.740e+06 |
| | | 5.286e+05 | -2.702e+07 | -3.94e-03 | 0.0 | 395.0 | -1.094e+05 | -7273.65 | 5.730e+04 | -5.333e+05 | -4.501e+06 | 5.286e+05 |
| 2 | 449 | -6.477e+05 | 3.065e+06 | -9.60e-03 | 0.0 | 0.0 | -1.924e+05 | 1.241e+04 | -6501.35 | -1.249e+05 | 3.065e+06 | -5.204e+06 |
| | | -5.204e+06 | 5.257e+05 | 4.47e-04 | 0.0 | 395.0 | -1.083e+05 | 1.241e+04 | -6501.35 | -1.249e+05 | 5.257e+05 | -6.477e+05 |
| 2 | 450 | 4.568e+06 | -5.033e+05 | 8.38e-03 | 0.0 | 0.0 | -1.986e+05 | -1.107e+04 | 6211.11 | 1.343e+05 | -2.928e+06 | 4.568e+06 |

| | | | | | | | | | | | |
|---|-----|----------------------|-----------|-----------|-------------------------------------|-------------------------------------|---|--------------------------------|------------|---------------------|------------|
| | | 5.406e+05-2.928e+06 | -4.27e-04 | 0.0 | 395.0-1.145e+05-1.107e+04 | 6211.11 | 1.343e+05-5.033e+05 | 5.406e+05 | | | |
| 2 | 452 | -5.408e+05-6.194e+05 | -9.52e-03 | 0.0 | 0.0-1.914e+05 | 1.195e+04 | 7984.00-1.264e+05-3.758e+06 | -5.126e+06 | | | |
| | | -5.126e+06-3.758e+06 | -5.48e-04 | 0.0 | 395.0-1.073e+05 | 1.195e+04 | 7984.00-1.264e+05-6.194e+05 | -5.408e+05 | | | |
| 2 | 455 | 4.490e+06 | 3.895e+06 | 8.30e-03 | 0.0 | 0.0-1.996e+05-1.061e+04 | -8274.23 | 1.358e+05 | 3.895e+06 | 4.490e+06 | |
| | | 4.337e+05 | 6.418e+05 | 5.68e-04 | 0.0 | 395.0-1.155e+05-1.061e+04 | -8274.23 | 1.358e+05 | 6.418e+05 | 4.337e+05 | |
| 2 | 465 | -3.454e+05 | 1.352e+07 | -3.37e-03 | 0.0 | 0.0-1.965e+05 | 4652.10 | -2.866e+04 | 2.717e+05 | 1.352e+07 | -1.857e+06 |
| | | -1.857e+06 | 2.251e+06 | 1.97e-03 | 0.0 | 395.0-1.123e+05 | 4652.10 | -2.866e+04 | 2.717e+05 | 2.251e+06 | -3.454e+05 |
| 2 | 466 | 1.221e+06-2.229e+06 | 2.15e-03 | 0.0 | 0.0-1.946e+05 | -3312.58 | 2.837e+04-2.623e+05-1.338e+07 | 1.221e+06 | | | |
| | | 2.383e+05-1.338e+07 | -1.95e-03 | 0.0 | 395.0-1.105e+05 | -3312.58 | 2.837e+04-2.623e+05-2.229e+06 | 2.383e+05 | | | |
| 3 | 54 | 6.058e+06 | 4.750e+06 | 0.01 | 0.0 | 0.0-2.140e+05-1.275e+04-1.369e+04 | -3375.28 | 4.750e+06 | 6.058e+06 | | |
| | | 1.020e+06-6.589e+05 | 8.18e-04 | 0.0 | 395.0-1.298e+05-1.275e+04-1.369e+04 | -3375.28 | -6.589e+05 | 1.020e+06 | | | |
| 3 | 118 | 7.534e+06 | 2.484e+06 | 0.01 | 0.0 | 0.0-2.112e+05-1.586e+04 | -8921.87 | -4.262e+04 | 2.484e+06 | 7.534e+06 | |
| | | 1.269e+06-1.040e+06 | 4.89e-04 | 0.0 | 395.0-1.298e+05-1.586e+04 | -8921.87 | -4.262e+04-1.040e+06 | 1.269e+06 | | | |
| 3 | 172 | 1.104e+07-1.615e+06 | 0.02 | 0.0 | 0.0-3.131e+05-1.755e+04 | -9306.67 | 8.430e+05-1.615e+06 | 1.104e+07 | | | |
| | | 4.104e+06-5.291e+06 | 2.12e-04 | 0.0 | 395.0-2.290e+05-1.755e+04 | -9306.67 | 8.430e+05-5.291e+06 | 4.104e+06 | | | |
| 3 | 191 | 4.586e+06-3.855e+06 | 6.47e-03 | 0.0 | 0.0-4.462e+05 | 7221.33 | -8227.61 | 2.064e+05-3.855e+06 | 4.586e+06 | | |
| | | 1.734e+06-7.105e+06 | 1.03e-04 | 0.0 | 395.0-3.326e+05 | 7221.33 | -8227.61 | 2.064e+05-7.105e+06 | 4.586e+06 | | |
| 3 | 229 | -3.322e+06-9.102e+04 | -0.02 | 0.0 | 0.0-3.621e+05 | 1.903e+04-1.147e+04 | -6.234e+05-9.102e+04-1.084e+07 | | | | |
| | | -1.084e+07-4.622e+06 | 3.92e-04 | 0.0 | 395.0-2.485e+05 | 1.903e+04-1.147e+04 | -6.234e+05-4.622e+06-3.322e+06 | | | | |
| 3 | 287 | 4.349e+06 | 3.043e+06 | 8.35e-03 | 0.0 | 0.0-2.112e+05 | -9155.13 | -9130.73 | -2374.19 | 2.484e+06 | 4.349e+06 |
| | | 7.324e+05-5.637e+05 | 5.37e-04 | 0.0 | 395.0-1.270e+05 | -9155.13 | -9130.73 | -2374.19-5.637e+05 | 7.324e+05 | | |
| 3 | 319 | 5.417e+06 | 1.453e+06 | 0.01 | 0.0 | 0.0-2.112e+05-1.140e+04 | -5782.09-3.153e+04 | 1.453e+06 | 5.417e+06 | | |
| | | 9.123e+05-8.313e+05 | 3.06e-04 | 0.0 | 395.0-1.270e+05-1.140e+04 | -5782.09-3.153e+04 | -8.313e+05 | 9.123e+05 | | | |
| 3 | 346 | 8.027e+06 | 1.464e+06 | 0.02 | 0.0 | 0.0-2.846e+05-1.269e+04 | -6340.88 | 6.246e+05-1.464e+06 | 8.027e+06 | | |
| | | 3.015e+06-3.969e+06 | 1.25e-04 | 0.0 | 395.0-2.005e+05-1.269e+04 | -6340.88 | 6.246e+05-3.969e+06 | 3.015e+06 | | | |
| 3 | 356 | 3.381e+06-3.123e+06 | 4.61e-03 | 0.0 | 0.0-3.302e+05 | 5552.33 | -5543.62 | 1.529e+05-3.123e+06 | 1.381e+06 | | |
| | | 1.188e+06-5.312e+06 | 5.96e-05 | 0.0 | 395.0-2.461e+05 | 5552.33 | -5543.62 | 1.529e+05-5.312e+06 | 3.381e+06 | | |
| 3 | 375 | -2.477e+06-4.522e+05 | -0.02 | 0.0 | 0.0-2.679e+05 | 1.430e+04 | -7676.09-4.617e+05-4.522e+05-8.124e+06 | | | | |
| | | -8.124e+06-3.484e+06 | 2.34e-04 | 0.0 | 395.0-1.838e+05 | 1.430e+04 | -7676.09-4.617e+05-3.484e+06-2.477e+06 | | | | |
| 3 | 392 | 6.526e+05 | -607.51 | 1.25e-03 | 0.0 | 0.0-1.955e+05 | -1373.89 | 7.86 | 197.50 | -3711.60 | 6.526e+05 |
| | | 1.099e+05 | -3711.60 | 0.0 | 395.0-1.114e+05 | -1373.89 | 7.86 | 197.50 | -607.51 | 1.099e+05 | |
| 3 | 393 | -3.090e+04 | 2.805e+06 | -3.52e-04 | 0.0 | 0.0-1.955e+05 | 386.25 | -5905.83 | -188.38 | 2.805e+06-1.835e+05 | |
| | | -1.835e+05 | 3.212e+05 | 4.07e-04 | 0.0 | 395.0-1.114e+05 | 386.25 | -5905.83 | -188.38 | 4.725e+05-3.090e+04 | |
| 3 | 402 | 5.371e+06-1.712e+06 | 0.01 | 0.0 | 0.0-2.487e+05 | -8149.95 | -1244.21 | 4.686e+05-1.712e+06 | 5.371e+06 | | |
| | | 2.152e+06-2.204e+06 | -8.04e-05 | 0.0 | 395.0-1.645e+05 | -8149.95 | -1244.21 | 4.686e+05-2.204e+06 | 2.152e+06 | | |
| 3 | 403 | 2.427e+06-2.956e+06 | 2.21e-03 | 0.0 | 0.0-2.829e+05 | 5530.67 | -646.27 | 1.148e+05-2.956e+06 | 2.419e+05 | | |
| | | 2.419e+05-3.211e+06 | -1.91e-04 | 0.0 | 395.0-1.988e+05 | 5530.67 | -646.27 | 1.148e+05-3.211e+06 | 2.427e+06 | | |
| 3 | 405 | -1.967e+06-1.748e+06 | -0.01 | 0.0 | 0.0-2.362e+05 | 1.209e+04 | -419.78 | -3.460e+05-1.748e+06-6.742e+06 | | | |
| | | -6.742e+06-1.914e+06 | -1.12e-04 | 0.0 | 395.0-1.520e+05 | 1.209e+04 | -419.78 | -3.460e+05-1.914e+06-1.967e+06 | | | |
| 3 | 407 | -3.089e+04 | -574.26 | -3.52e-04 | 0.0 | 0.0-1.955e+05 | 386.10 | 7.44 | 212.32 | -3514.43 | -1.834e+05 |
| | | -1.834e+05 | -3514.43 | 0.0 | 395.0-1.114e+05 | 386.10 | 7.44 | 212.32 | -574.26 | -3.089e+04 | |
| 3 | 408 | -1.090e+06-1.638e+06 | -0.02 | 0.0 | 0.0-2.041e+05 | 2.329e+04 | 1.955e+04 | 6.080e+05-9.301e+06-9.804e+06 | | | |
| | | -9.804e+06-9.301e+06 | -1.35e-03 | 0.0 | 395.0-1.200e+05 | 2.329e+04 | 1.955e+04 | 6.080e+05-1.638e+06-1.090e+06 | | | |
| 3 | 411 | 9.437e+06 | 9.294e+06 | 0.02 | 0.0 | 0.0-1.870e+05-2.252e+04-1.953e+04 | -6.076e+05 | 9.294e+06 | 9.437e+06 | | |
| | | 1.029e+06 | 1.637e+06 | 1.35e-03 | 0.0 | 395.0-1.028e+05-2.252e+04-1.953e+04 | -6.076e+05 | 1.637e+06 | 1.029e+06 | | |
| 3 | 412 | -9.738e+05-8.937e+05 | -0.02 | 0.0 | 0.0-2.051e+05 | 2.272e+04 | 1.080e+04-5.057e+04-5.103e+06-9.681e+06 | | | | |
| | | -9.681e+06-5.103e+06 | -7.43e-04 | 0.0 | 395.0-1.210e+05 | 2.272e+04 | 1.080e+04-5.057e+04-8.937e+05-9.738e+05 | | | | |
| 3 | 415 | 9.314e+06 | 5.096e+06 | 0.02 | 0.0 | 0.0-1.859e+05-2.194e+04-1.078e+04 | 5.099e+04 | 5.096e+06 | 9.314e+06 | | |
| | | 9.121e+05 | 8.925e+05 | 7.42e-04 | 0.0 | 395.0-1.018e+05-2.194e+04-1.078e+04 | 5.099e+04 | 8.925e+05 | 9.121e+05 | | |
| 3 | 429 | -2.202e+05 | 3.250e+07 | -5.27e-03 | 0.0 | 0.0-1.974e+05 | 6362.29 | -6.823e+04-1.690e+06 | 3.250e+07 | -2.812e+06 | |
| | | -2.812e+06 | 5.743e+06 | 4.71e-03 | 0.0 | 395.0-1.133e+05 | 6362.29 | -6.823e+04-1.690e+06 | 5.743e+06 | -2.202e+05 | |
| 3 | 430 | 2.445e+06-5.744e+06 | 4.56e-03 | 0.0 | 0.0-1.936e+05 | -5590.08 | 6.825e+04 | 1.690e+06-3.251e+07 | 2.445e+06 | | |
| | | 1.584e+05-3.251e+07 | -4.71e-03 | 0.0 | 395.0-1.095e+05 | -5590.08 | 6.825e+04 | 1.690e+06-5.744e+06 | 1.584e+05 | | |
| 3 | 441 | -6.191e+05 | 4.084e+06 | -9.29e-03 | 0.0 | 0.0-1.995e+05 | 1.207e+04 | -8660.06 | -1.426e+04 | 4.084e+06-5.044e+06 | |
| | | -5.044e+06 | 6.841e+05 | 5.95e-04 | 0.0 | 395.0-1.153e+05 | 1.207e+04 | -8660.06 | -1.426e+04 | 6.841e+05-6.191e+05 | |
| 3 | 442 | 4.677e+06-6.853e+05 | 8.58e-03 | 0.0 | 0.0-1.916e+05-1.130e+04 | 8674.95 | 1.469e+04-4.091e+06 | 4.677e+06 | | | |
| | | 5.573e+05-4.091e+06 | -5.96e-04 | 0.0 | 395.0-1.075e+05-1.130e+04 | 8674.95 | 1.469e+04-6.853e+05 | 5.573e+05 | | | |
| 3 | 444 | -5.130e+05-4.430e+05 | -9.22e-03 | 0.0 | 0.0-2.004e+05 | 1.162e+04 | 5354.79 | -2.455e+04-2.532e+06 | 4.968e+06 | | |
| | | -4.968e+06-2.532e+06 | -3.68e-04 | 0.0 | 395.0-1.163e+05 | 1.162e+04 | 5354.79 | -2.455e+04-4.430e+05-5.130e+05 | | | |
| 3 | 447 | 4.601e+06 | 2.525e+06 | 8.51e-03 | 0.0 | 0.0-1.907e+05-1.084e+04 | -5339.91 | 2.498e+04 | 2.525e+06 | 4.601e+06 | |
| | | 4.512e+05 | 4.419e+05 | 3.67e-04 | 0.0 | 395.0-1.065e+05-1.084e+04 | -5339.91 | 2.498e+04 | 4.419e+05 | 4.512e+05 | |
| 3 | 461 | -4.081e+05 | 1.300e+07 | -3.18e-03 | 0.0 | 0.0-1.957e+05 | 4769.05 | -2.761e+04-2.489e+05 | 1.300e+07 | -1.794e+06 | |
| | | -1.794e+06 | 2.165e+06 | 1.90e-03 | 0.0 | 395.0-1.116e+05 | 4769.05 | -2.761e+04-2.489e+05 | 2.165e+06 | -4.081e+05 | |
| 3 | 462 | 1.427e+06-2.166e+06 | 2.48e-03 | 0.0 | 0.0-1.954e+05 | -3996.84 | 2.763e+04 | 2.493e+05-1.301e+07 | 1.427e+06 | | |
| | | 3.463e+05-1.301e+07 | -1.90e-03 | 0.0 | 395.0-1.112e+05 | -3996.84 | 2.763e+04 | 2.493e+05-2.166e+06 | 3.463e+05 | | |
| 4 | | 1.444e+06-1.384e+06 | -0.03 | 0.0 | 0.0-3.621e+05 | 2.933e+04 | -8736.70 | -5.431e+05-1.384e+06-1.573e+07 | | | |
| | | -1.573e+07-4.835e+06 | 2.06e-04 | 0.0 | 395.0-2.485e+05 | 2.933e+04 | -8736.70 | -5.431e+05-4.835e+06-1.444e+06 | | | |
| 4 | 114 | 3.523e+06 | 4.480e+06 | 6.77e-03 | 0.0 | 0.0-2.139e+05 | -7415.00 | -1.312e+04 | 3.822e+04 | 4.480e+06 | 3.523e+06 |
| | | 5.945e+05-7.040e+05 | 7.79e-04 | 0.0 | 395.0-1.298e+05 | -7415.00 | -1.312e+04 | 3.822e+04-7.040e+05 | 5.945e+05 | | |
| 4 | 148 | 1.077e+06 | 1.071e+06 | 2.07e-03 | 0.0 | 0.0-2.139e+05 | -2263.89 | -5538.66 | 1.084e+04 | 1.071e+06 | 1.077e+06 |
| | | 1.824e+05-1.117e+06 | 2.70e-04 | 0.0 | 395.0-1.298e+05 | -2263.89 | -5538.66 | 1.084e+04-1.117e+06 | 1.824e+05 | | |
| 4 | 212 | 6.382e+06-1.616e+06 | 0.01 | 0.0 | 0.0-2.906e+05 | -9643.86 | -7948.83 | 6.218e+05-1.616e+06 | 6.382e+06 | | |
| | | 2.573e+06-4.756e+06 | 1.68e-04 | 0.0 | 395.0-2.064e+05 | -9643.86 | -7948.83 | 6.218e+05-4.756e+06 | 2.573e+06 | | |
| 4 | 229 | 6.129e+06-1.809e+05 | 0.01 | 0.0 | 0.0-4.071e+05 | -5319.82 | -1.397e+04 | 8.990e+05-1.809e+05 | 6.129e+06 | | |
| | | 4.028e+06-5.700e+06 | 4.72e-04 | 0.0 | 395.0-2.935e+05 | -5319.82 | -1.397e+04 | 8.990e+05-5.700e+06 | 4.028e+06 | | |
| 4 | 251 | -5.572e+06-2.628e+06 | -0.03 | 0.0 | 0.0-4.071e+05 | 2.467e+04 | -8508.49 | -8.450e+05-2.628e+06-1.532e+07 | | | |
| | | -1.532e+07-5.989e+06 | 1.41e-04 | 0.0 | 395.0-2.935e+05 | 2.467e+04 | -8508.49 | -8.450e+05-5.989e+06-5.572e+06 | | | |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|-----|-------|------------|------------|------------|------------|------------|------------|
| 4 | 261 | -3.081e+06 | -1.894e+06 | -0.02 | 0.0 | 0.0 | -2.679e+05 | 2.186e+04 | -4528.56 | -4.095e+05 | -1.894e+06 | -1.172e+07 |
| | | -1.172e+07 | -3.683e+06 | 6.12e-05 | 0.0 | 395.0 | -1.838e+05 | 2.186e+04 | -4528.56 | -4.095e+05 | -3.683e+06 | -3.081e+06 |
| 4 | 317 | 2.525e+06 | 2.867e+06 | 4.85e-03 | 0.0 | 0.0 | -2.111e+05 | -5312.62 | -8758.67 | 2.465e+04 | 2.867e+06 | 2.525e+06 |
| | | 4.262e+05 | -5.930e+05 | 5.11e-04 | 0.0 | 395.0 | -1.270e+05 | -5312.62 | -8758.67 | 2.465e+04 | -5.930e+05 | 4.262e+05 |
| 4 | 334 | 7.078e+05 | 5.760e+05 | 1.36e-03 | 0.0 | 0.0 | -2.111e+05 | -1487.51 | -3664.16 | 6303.08 | 5.760e+05 | 7.078e+05 |
| | | 1.202e+05 | -8.713e+05 | 1.69e-04 | 0.0 | 395.0 | -1.270e+05 | -1487.51 | -3664.16 | 6303.08 | -8.713e+05 | 1.202e+05 |
| 4 | 366 | 4.637e+06 | -1.452e+06 | 9.72e-03 | 0.0 | 0.0 | -2.679e+05 | -6952.95 | -5363.69 | 4.585e+05 | -1.452e+06 | 4.637e+06 |
| | | 1.891e+06 | -3.570e+06 | 9.74e-05 | 0.0 | 395.0 | -1.838e+05 | -6952.95 | -5363.69 | 4.585e+05 | -3.570e+06 | 1.891e+06 |
| 4 | 375 | 4.474e+06 | -5.001e+05 | 0.01 | 0.0 | 0.0 | -3.012e+05 | -3801.11 | -9566.92 | 6.630e+05 | -5.001e+05 | 4.474e+06 |
| | | 2.972e+06 | -4.279e+06 | 2.96e-04 | 0.0 | 395.0 | -2.171e+05 | -3801.11 | -9566.92 | 6.630e+05 | -4.279e+06 | 2.972e+06 |
| 4 | 386 | -4.138e+06 | -2.201e+06 | -0.02 | 0.0 | 0.0 | -3.012e+05 | 1.841e+04 | -5778.51 | -6.279e+05 | -2.201e+06 | -1.141e+07 |
| | | -1.141e+07 | -4.484e+06 | 8.42e-05 | 0.0 | 395.0 | -2.171e+05 | 1.841e+04 | -5778.51 | -6.279e+05 | -4.484e+06 | -1.141e+07 |
| 4 | 391 | -1.352e+04 | -66.90 | -1.64e-04 | 0.0 | 0.0 | -1.955e+05 | 182.47 | 0.88 | -39.53 | -413.84 | -8.560e+04 |
| | | -8.560e+04 | -413.84 | 0.0 | 0.0 | 395.0 | -1.114e+05 | 182.47 | 0.88 | -39.53 | -66.90 | -1.352e+04 |
| 4 | 393 | -1.353e+04 | 2.672e+06 | -1.64e-04 | 0.0 | 0.0 | -1.955e+05 | 182.54 | -5626.72 | 2.140e+04 | 2.672e+06 | -8.563e+04 |
| | | -8.563e+04 | 4.496e+05 | 3.88e-04 | 0.0 | 395.0 | -1.114e+05 | 182.54 | -5626.72 | 2.140e+04 | 4.496e+05 | 3.88e-04 |
| 4 | 394 | -2.385e+06 | -2.015e+06 | -0.02 | 0.0 | 0.0 | -2.361e+05 | 1.732e+04 | 878.17 | -3.184e+05 | -2.362e+06 | -9.228e+06 |
| | | -9.228e+06 | -2.362e+06 | -2.01e-04 | 0.0 | 395.0 | -1.520e+05 | 1.732e+04 | 878.17 | -3.184e+05 | -2.015e+06 | -2.385e+06 |
| 4 | 404 | 3.038e+06 | -1.652e+06 | 6.44e-03 | 0.0 | 0.0 | -2.361e+05 | -4287.83 | -618.93 | 3.357e+05 | -1.652e+06 | 3.038e+06 |
| | | 1.344e+06 | -1.897e+06 | -9.78e-05 | 0.0 | 395.0 | -1.520e+05 | -4287.83 | -618.93 | 3.357e+05 | -1.897e+06 | 1.344e+06 |
| 4 | 405 | 2.915e+06 | -1.693e+06 | 6.81e-03 | 0.0 | 0.0 | -2.611e+05 | -1924.03 | -2029.86 | 4.827e+05 | -1.693e+06 | 2.915e+06 |
| | | 2.155e+06 | -2.495e+06 | -5.18e-05 | 0.0 | 395.0 | -1.770e+05 | -1924.03 | -2029.86 | 4.827e+05 | -2.495e+06 | 2.155e+06 |
| 4 | 406 | -3.178e+06 | -2.215e+06 | -0.02 | 0.0 | 0.0 | -2.611e+05 | 1.474e+04 | -930.04 | -4.791e+05 | -2.215e+06 | -8.999e+06 |
| | | -8.999e+06 | -2.582e+06 | -1.28e-04 | 0.0 | 395.0 | -1.770e+05 | 1.474e+04 | -930.04 | -4.791e+05 | -2.582e+06 | -8.999e+06 |
| 4 | 407 | -1.352e+04 | -66.90 | -1.64e-04 | 0.0 | 0.0 | -1.955e+05 | 182.47 | 0.88 | -39.53 | -413.84 | -8.560e+04 |
| | | -8.560e+04 | -413.84 | 0.0 | 0.0 | 395.0 | -1.114e+05 | 182.47 | 0.88 | -39.53 | -66.90 | -1.352e+04 |
| 4 | 413 | -8.519e+05 | 4.547e+06 | -0.01 | 0.0 | 0.0 | -2.174e+05 | 1.471e+04 | -9322.56 | 1.917e+05 | 4.547e+06 | -6.207e+06 |
| | | -6.207e+06 | 9.111e+05 | 6.51e-04 | 0.0 | 395.0 | -1.333e+05 | 1.471e+04 | -9322.56 | 1.917e+05 | 9.111e+05 | -8.519e+05 |
| 4 | 414 | 6.036e+06 | -9.112e+05 | 0.01 | 0.0 | 0.0 | -1.736e+05 | -1.434e+04 | 9324.31 | -1.918e+05 | -9.112e+05 | 6.036e+06 |
| | | 8.248e+05 | -4.548e+06 | -6.51e-04 | 0.0 | 395.0 | -8.945e+04 | -1.434e+04 | 9324.31 | -1.918e+05 | -4.548e+06 | 8.248e+05 |
| 4 | 424 | -2.080e+05 | -4.456e+06 | -3.33e-03 | 0.0 | 0.0 | -2.007e+05 | 4126.32 | 5.463e+04 | -1.444e+06 | -2.579e+07 | -1.789e+06 |
| | | -1.789e+06 | -2.579e+07 | -3.76e-03 | 0.0 | 395.0 | -1.165e+05 | 4126.32 | 5.463e+04 | -1.444e+06 | -2.579e+07 | -1.789e+06 |
| 4 | 427 | 1.617e+06 | 2.579e+07 | 3.01e-03 | 0.0 | 0.0 | -1.930e+05 | -3761.37 | -5.462e+04 | 1.444e+06 | 2.579e+07 | 1.617e+06 |
| | | 1.810e+05 | 4.456e+06 | 3.76e-03 | 0.0 | 395.0 | -1.062e+05 | -3761.37 | -5.462e+04 | 1.444e+06 | 4.456e+06 | 1.810e+05 |
| 4 | 441 | -4.429e+05 | 3.450e+06 | -5.91e-03 | 0.0 | 0.0 | -2.066e+05 | 7520.13 | -7415.86 | 1.274e+05 | 3.450e+06 | -3.186e+06 |
| | | -3.186e+06 | 5.413e+05 | 5.06e-04 | 0.0 | 395.0 | -1.224e+05 | 7520.13 | -7415.86 | 1.274e+05 | 5.413e+05 | -4.429e+05 |
| 4 | 442 | 3.015e+06 | -5.414e+05 | 5.58e-03 | 0.0 | 0.0 | -1.844e+05 | -7155.19 | 7417.61 | -1.274e+05 | -5.414e+05 | 3.015e+06 |
| | | 4.158e+05 | -3.451e+06 | -5.06e-04 | 0.0 | 395.0 | -1.003e+05 | -7155.19 | 7417.61 | -1.274e+05 | -3.451e+06 | 4.158e+05 |
| 4 | 445 | -4.387e+05 | 2.248e+06 | -5.88e-03 | 0.0 | 0.0 | -2.066e+05 | 7484.20 | -4607.24 | 9.533e+04 | 2.248e+06 | -3.171e+06 |
| | | -3.171e+06 | 4.503e+05 | 3.22e-04 | 0.0 | 395.0 | -1.225e+05 | 7484.20 | -4607.24 | 9.533e+04 | 4.503e+05 | -4.387e+05 |
| 4 | 446 | 3.000e+06 | -4.504e+05 | 5.55e-03 | 0.0 | 0.0 | -1.844e+05 | -7119.25 | 4608.99 | -9.541e+04 | -4.504e+05 | 3.000e+06 |
| | | 4.117e+05 | -2.248e+06 | -3.22e-04 | 0.0 | 395.0 | -1.002e+05 | -7119.25 | 4608.99 | -9.541e+04 | -2.248e+06 | 4.117e+05 |
| 4 | 456 | -4.636e+04 | -2.031e+06 | -1.65e-03 | 0.0 | 0.0 | -1.969e+05 | 1840.07 | 2.747e+04 | -3.053e+05 | -1.280e+07 | -8.679e+05 |
| | | -8.679e+05 | -1.280e+07 | -1.88e-03 | 0.0 | 395.0 | -1.128e+05 | 1840.07 | 2.747e+04 | -3.053e+05 | -2.031e+06 | -4.636e+04 |
| 4 | 459 | 6.967e+05 | 1.280e+07 | 1.32e-03 | 0.0 | 0.0 | -1.941e+05 | -1475.12 | -2.746e+04 | 3.052e+05 | 1.280e+07 | 6.967e+05 |
| | | 1.931e+04 | 2.031e+06 | 1.88e-03 | 0.0 | 395.0 | -1.100e+05 | -1475.12 | -2.746e+04 | 3.052e+05 | 2.031e+06 | 1.931e+04 |
| 71 | 51 | 6.851e+06 | 0.0 | 0.01 | 0.0 | 0.0 | -3.530e+04 | -8.564e+04 | 2681.08 | 0.0 | -2.145e+05 | 6.851e+06 |
| | | 0.0 | -2.145e+05 | -2.31e-05 | 0.0 | 80.0 | -3.530e+04 | -8.564e+04 | 2681.08 | 0.0 | 0.0 | 0.0 |
| 71 | 71 | 5.253e+06 | 1.228e+05 | 3.45e-03 | 0.0 | 0.0 | -4.602e+04 | -6.566e+04 | -1534.69 | 0.0 | 1.228e+05 | 5.253e+06 |
| | | 0.0 | 0.0 | -2.95e-05 | 0.0 | 80.0 | -4.602e+04 | -6.566e+04 | -1534.69 | 0.0 | 0.0 | 0.0 |
| 71 | 74 | 3.344e+06 | 1.666e+05 | 2.76e-03 | 0.0 | 0.0 | -3.266e+04 | -4.180e+04 | -2082.16 | 0.0 | 1.666e+05 | 3.344e+06 |
| | | 0.0 | 0.0 | 7.95e-05 | 0.0 | 80.0 | -3.266e+04 | -4.180e+04 | -2082.16 | 0.0 | 0.0 | 0.0 |
| 71 | 106 | 4.225e+06 | 0.0 | -3.54e-03 | 0.0 | 0.0 | -1.466e+04 | -5.281e+04 | 1173.49 | 0.0 | -9.388e+04 | 4.225e+06 |
| | | 0.0 | -9.388e+04 | 8.54e-05 | 0.0 | 80.0 | -1.466e+04 | -5.281e+04 | 1173.49 | 0.0 | 0.0 | 0.0 |
| 71 | 250 | 4.507e+06 | 0.0 | -1.52e-03 | 0.0 | 0.0 | -1.608e+04 | -5.634e+04 | 1719.16 | 0.0 | -1.375e+05 | 4.507e+06 |
| | | 0.0 | -1.375e+05 | 1.33e-05 | 0.0 | 80.0 | -1.608e+04 | -5.634e+04 | 1719.16 | 0.0 | 0.0 | 0.0 |
| 71 | 286 | 5.079e+06 | 0.0 | 8.93e-03 | 0.0 | 0.0 | -2.607e+04 | -6.348e+04 | 2056.18 | 0.0 | -1.645e+05 | 5.079e+06 |
| | | 0.0 | -1.645e+05 | -2.22e-05 | 0.0 | 80.0 | -2.607e+04 | -6.348e+04 | 2056.18 | 0.0 | 0.0 | 0.0 |
| 71 | 296 | 3.895e+06 | 8.533e+04 | 2.52e-03 | 0.0 | 0.0 | -3.401e+04 | -4.868e+04 | -1066.62 | 0.0 | 8.533e+04 | 3.895e+06 |
| | | 0.0 | 0.0 | -2.69e-05 | 0.0 | 80.0 | -3.401e+04 | -4.868e+04 | -1066.62 | 0.0 | 0.0 | 0.0 |
| 71 | 297 | 3.413e+06 | 1.003e+05 | 1.95e-03 | 0.0 | 0.0 | -2.844e+04 | -4.266e+04 | -1254.34 | 0.0 | 1.003e+05 | 3.413e+06 |
| | | 0.0 | 0.0 | 6.54e-05 | 0.0 | 80.0 | -2.844e+04 | -4.266e+04 | -1254.34 | 0.0 | 0.0 | 0.0 |
| 71 | 313 | 4.066e+06 | 0.0 | -2.73e-03 | 0.0 | 0.0 | -1.507e+04 | -5.082e+04 | 1152.46 | 0.0 | -9.220e+04 | 4.066e+06 |
| | | 0.0 | -9.220e+04 | 7.08e-05 | 0.0 | 80.0 | -1.507e+04 | -5.082e+04 | 1152.46 | 0.0 | 0.0 | 0.0 |
| 71 | 385 | 4.272e+06 | 0.0 | -1.23e-03 | 0.0 | 0.0 | -1.612e+04 | -5.340e+04 | 1550.16 | 0.0 | -1.240e+05 | 4.272e+06 |
| | | 0.0 | -1.240e+05 | 1.80e-05 | 0.0 | 80.0 | -1.612e+04 | -5.340e+04 | 1550.16 | 0.0 | 0.0 | 0.0 |
| 71 | 393 | 3.224e+06 | 0.0 | -2.25e-04 | 0.0 | 0.0 | -1.448e+04 | -4.030e+04 | 575.21 | 0.0 | -4.602e+04 | 3.224e+06 |
| | | 0.0 | -4.602e+04 | 9.81e-05 | 0.0 | 80.0 | -1.448e+04 | -4.030e+04 | 575.21 | 0.0 | 0.0 | 0.0 |
| 71 | 396 | 4.470e+06 | 0.0 | 6.41e-03 | 0.0 | 0.0 | -2.250e+04 | -5.587e+04 | 1917.22 | 0.0 | -1.534e+05 | 4.470e+06 |
| | | 0.0 | -1.534e+05 | -4.49e-06 | 0.0 | 80.0 | -2.250e+04 | -5.587e+04 | 1917.22 | 0.0 | 0.0 | 0.0 |
| 71 | 397 | 3.582e+06 | 3.399e+04 | 1.60e-03 | 0.0 | 0.0 | -2.846e+04 | -4.477e+04 | -424.88 | 0.0 | 3.399e+04 | 3.582e+06 |
| | | 0.0 | 0.0 | -8.08e-06 | 0.0 | 80.0 | -2.846e+04 | -4.477e+04 | -424.88 | 0.0 | 0.0 | 0.0 |
| 71 | 406 | 3.893e+06 | 0.0 | -1.21e-03 | 0.0 | 0.0 | -1.514e+04 | -4.866e+04 | 1660.73 | 0.0 | -1.329e+05 | 3.893e+06 |
| | | 0.0 | -1.329e+05 | 1.33e-05 | 0.0 | 80.0 | -1.514e+04 | -4.866e+04 | 1660.73 | 0.0 | 0.0 | 0.0 |
| 71 | 407 | 3.281e+06 | 0.0 | -2.25e-04 | 0.0 | 0.0 | -1.449e+04 | -4.101e+04 | 1065.05 | 0.0 | -8.520e+04 | 3.281e+06 |
| | | 0.0 | -8.520e+04 | 4.96e-05 | 0.0 | 80.0 | -1.449e+04 | -4.101e+04 | 1065.05 | 0.0 | 0.0 | 0.0 |
| 71 | 412 | 4.809e+06 | 0.0 | -3.72e-03 | 0.0 | 0.0 | -1.115e+04 | -6.011e+04 | 2987.17 | 0.0 | -2.390e+05 | 4.809e+06 |

| | | | | | | | | | | |
|----|-----|----------------------|-----------|-----------|--------------------------|--------------------------|----------|----------------------|-----------------------|-----|
| | | -1.76e-06-2.390e+05 | -7.79e-05 | 0.0 | 80.0-1.115e+04-6.011e+04 | 2987.17 | 0.0 | 0.0 | -1.76e-06 | |
| 71 | 413 | 4.501e+06 | 0.0 | -3.70e-03 | 0.0 | 0.0-1.056e+04-5.626e+04 | 753.61 | 0.0 | -6.029e+04 4.501e+06 | |
| | | -1.96e-06-6.029e+04 | 2.02e-04 | 0.0 | 80.0-1.056e+04-5.626e+04 | 753.61 | 0.0 | 0.0 | -1.96e-06 | |
| 71 | 414 | 2.061e+06 | 0.0 | 3.25e-03 | 0.0 | 0.0-1.842e+04-2.576e+04 | 1376.48 | 0.0 | -1.101e+05 2.061e+06 | |
| | | 1.98e-06-1.101e+05 | -1.03e-04 | 0.0 | 80.0-1.842e+04-2.576e+04 | 1376.48 | 0.0 | 0.0 | 1.98e-06 | |
| 71 | 416 | 4.762e+06 | 0.0 | -3.72e-03 | 0.0 | 0.0-1.110e+04-5.953e+04 | 2463.18 | 0.0 | -1.971e+05 4.762e+06 | |
| | | -4.73e-06-1.971e+05 | -5.27e-05 | 0.0 | 80.0-1.110e+04-5.953e+04 | 2463.18 | 0.0 | 0.0 | -4.73e-06 | |
| 71 | 432 | 4.206e+06 | 0.0 | -1.31e-03 | 0.0 | 0.0-1.438e+04-5.258e+04 | 5029.25 | 0.0 | -4.023e+05 4.206e+06 | |
| | | 0.0-4.023e+05 | -4.13e-04 | 0.0 | 80.0-1.438e+04-5.258e+04 | 5029.25 | 0.0 | 0.0 | 0.0 | |
| 71 | 435 | 2.355e+06 | 2.319e+05 | 8.56e-04 | 0.0 | 0.0-1.459e+04-2.944e+04 | -2899.15 | 0.0 | 2.319e+05 2.355e+06 | |
| | | 0.0 | 0.0 | 5.12e-04 | 0.0 | 80.0-1.459e+04-2.944e+04 | -2899.15 | 0.0 | 0.0 | 0.0 |
| 71 | 441 | 3.920e+06 | 0.0 | -1.98e-03 | 0.0 | 0.0-1.442e+04-4.677e+04 | 1049.08 | 0.0 | -8.393e+04 3.920e+06 | |
| | | 0.0-8.393e+04 | 1.00e-04 | 0.0 | 80.0-1.442e+04-4.677e+04 | 1049.08 | 0.0 | 0.0 | 0.0 | |
| 71 | 442 | 2.641e+06 | 0.0 | 1.53e-03 | 0.0 | 0.0-1.655e+04-3.302e+04 | 1081.02 | 0.0 | -8.648e+04 2.641e+06 | |
| | | 0.0-8.648e+04 | -1.03e-06 | 0.0 | 80.0-1.655e+04-3.302e+04 | 1081.02 | 0.0 | 0.0 | 0.0 | |
| 71 | 444 | 4.044e+06 | 0.0 | -1.99e-03 | 0.0 | 0.0-1.278e+04-5.055e+04 | 2021.33 | 0.0 | -1.617e+05 4.044e+06 | |
| | | 0.0-1.617e+05 | -1.37e-05 | 0.0 | 80.0-1.278e+04-5.055e+04 | 2021.33 | 0.0 | 0.0 | 0.0 | |
| 71 | 460 | 3.644e+06 | 0.0 | -7.82e-04 | 0.0 | 0.0-1.466e+04-4.555e+04 | 2563.41 | 0.0 | -2.051e+05 3.644e+06 | |
| | | -3.28e-06-2.051e+05 | -1.00e-04 | 0.0 | 80.0-1.466e+04-4.555e+04 | 2563.41 | 0.0 | 0.0 | -3.28e-06 | |
| 71 | 464 | 3.741e+06 | 0.0 | -7.71e-04 | 0.0 | 0.0-1.442e+04-4.677e+04 | 3032.11 | 0.0 | -2.426e+05 3.741e+06 | |
| | | 0.0-2.426e+05 | -1.80e-04 | 0.0 | 80.0-1.442e+04-4.677e+04 | 3032.11 | 0.0 | 0.0 | 0.0 | |
| 71 | 467 | 2.820e+06 | 7.216e+04 | 3.22e-04 | 0.0 | 0.0-1.456e+04-3.525e+04 | -902.02 | 0.0 | 7.216e+04 2.820e+06 | |
| | | 0.0 | 0.0 | 2.79e-04 | 0.0 | 80.0-1.456e+04-3.525e+04 | -902.02 | 0.0 | 0.0 | 0.0 |
| 72 | 51 | 1.34e-06 | 0.0 | 0.01 | 0.0 | 0.0-2.212e+04 8.059e+04 | 2720.18 | 0.0 | -2.176e+05 -6.447e+06 | |
| | | -6.447e+06-2.176e+05 | -2.32e-05 | 0.0 | 80.0-2.212e+04 8.059e+04 | 2720.18 | 0.0 | 0.0 | 1.34e-06 | |
| 72 | 91 | 0.0 1.293e+05 | -2.19e-03 | 0.0 | 0.0-4.618e+04 6.594e+04 | -1616.19 | 0.0 | 1.293e+05 -5.275e+06 | | |
| | | -5.275e+06 | 0.0 | -2.68e-05 | 0.0 | 80.0-4.618e+04 6.594e+04 | -1616.19 | 0.0 | 0.0 | 0.0 |
| 72 | 94 | 0.0 1.715e+05 | -1.46e-03 | 0.0 | 0.0-3.278e+04 4.184e+04 | -2143.83 | 0.0 | 1.715e+05 -3.347e+06 | | |
| | | -3.347e+06 | 0.0 | 8.15e-05 | 0.0 | 80.0-3.278e+04 4.184e+04 | -2143.83 | 0.0 | 0.0 | 0.0 |
| 72 | 166 | 0.0 | 0.0 | -2.12e-03 | 0.0 | 0.0-1.475e+04 5.331e+04 | 1370.41 | 0.0 | -1.096e+05 -4.265e+06 | |
| | | -4.265e+06-1.096e+05 | 7.54e-05 | 0.0 | 80.0-1.475e+04 5.331e+04 | 1370.41 | 0.0 | 0.0 | 0.0 | |
| 72 | 171 | 0.0 | 0.0 | -3.08e-03 | 0.0 | 0.0-2.210e+04 8.108e+04 | 2845.48 | 0.0 | -2.276e+05 -6.486e+06 | |
| | | -6.486e+06-2.276e+05 | -1.39e-05 | 0.0 | 80.0-2.210e+04 8.108e+04 | 2845.48 | 0.0 | 0.0 | 0.0 | |
| 72 | 286 | 0.0 | 0.0 | 8.88e-03 | 0.0 | 0.0-1.631e+04 5.977e+04 | 2077.60 | 0.0 | -1.662e+05 -4.782e+06 | |
| | | -4.782e+06-1.662e+05 | -2.22e-05 | 0.0 | 80.0-1.631e+04 5.977e+04 | 2077.60 | 0.0 | 0.0 | 0.0 | |
| 72 | 306 | 0.0 9.076e+04 | -1.67e-03 | 0.0 | 0.0-3.413e+04 4.892e+04 | -1134.52 | 0.0 | 9.076e+04 -3.914e+06 | | |
| | | -3.914e+06 | 0.0 | -2.42e-05 | 0.0 | 80.0-3.413e+04 4.892e+04 | -1134.52 | 0.0 | 0.0 | 0.0 |
| 72 | 307 | 0.0 1.072e+05 | -1.19e-03 | 0.0 | 0.0-2.854e+04 4.276e+04 | -1340.15 | 0.0 | 1.072e+05 -3.421e+06 | | |
| | | -3.421e+06 | 0.0 | 6.70e-05 | 0.0 | 80.0-2.854e+04 4.276e+04 | -1340.15 | 0.0 | 0.0 | 0.0 |
| 72 | 343 | 0.0 | 0.0 | -1.68e-03 | 0.0 | 0.0-1.515e+04 5.127e+04 | 1258.31 | 0.0 | -1.007e+05 -4.101e+06 | |
| | | -4.101e+06-1.007e+05 | 6.34e-05 | 0.0 | 80.0-1.515e+04 5.127e+04 | 1258.31 | 0.0 | 0.0 | 0.0 | |
| 72 | 346 | 0.0 | 0.0 | -2.32e-03 | 0.0 | 0.0-1.629e+04 6.014e+04 | 2170.42 | 0.0 | -1.736e+05 -4.811e+06 | |
| | | -4.811e+06-1.736e+05 | -1.54e-05 | 0.0 | 80.0-1.629e+04 6.014e+04 | 2170.42 | 0.0 | 0.0 | 0.0 | |
| 72 | 393 | 0.0 | 0.0 | -2.59e-04 | 0.0 | 0.0-1.456e+04 4.040e+04 | 425.72 | 0.0 | -3.406e+04 -3.232e+06 | |
| | | -3.232e+06-3.406e+04 | 9.84e-05 | 0.0 | 80.0-1.456e+04 4.040e+04 | 425.72 | 0.0 | 0.0 | 0.0 | |
| 72 | 396 | 0.0 | 0.0 | 6.36e-03 | 0.0 | 0.0-1.520e+04 5.332e+04 | 1852.91 | 0.0 | -1.482e+05 -4.266e+06 | |
| | | -4.266e+06-1.482e+05 | -4.37e-06 | 0.0 | 80.0-1.520e+04 5.332e+04 | 1852.91 | 0.0 | 0.0 | 0.0 | |
| 72 | 398 | 0.0 4.450e+04 | -1.55e-03 | 0.0 | 0.0-2.856e+04 4.519e+04 | -556.19 | 0.0 | 4.450e+04 -3.615e+06 | | |
| | | -3.615e+06 | 0.0 | -6.39e-06 | 0.0 | 80.0-2.856e+04 4.519e+04 | -556.19 | 0.0 | 0.0 | 0.0 |
| 72 | 402 | 0.0 | 0.0 | -2.04e-03 | 0.0 | 0.0-1.519e+04 5.360e+04 | 1922.52 | 0.0 | -1.538e+05 -4.288e+06 | |
| | | -4.288e+06-1.538e+05 | 0.0 | 0.0 | 80.0-1.519e+04 5.360e+04 | 1922.52 | 0.0 | 0.0 | 0.0 | |
| 72 | 407 | 0.0 | 0.0 | -2.60e-04 | 0.0 | 0.0-1.456e+04 4.114e+04 | 933.84 | 0.0 | -7.471e+04 -3.291e+06 | |
| | | -3.291e+06-7.471e+04 | 4.99e-05 | 0.0 | 80.0-1.456e+04 4.114e+04 | 933.84 | 0.0 | 0.0 | 0.0 | |
| 72 | 408 | 2.01e-06 | 0.0 | -3.77e-03 | 0.0 | 0.0-1.314e+04 6.058e+04 | 2187.38 | 0.0 | -1.750e+05 -4.846e+06 | |
| | | -4.846e+06-1.750e+05 | -5.37e-05 | 0.0 | 80.0-1.314e+04 6.058e+04 | 2187.38 | 0.0 | 0.0 | 2.01e-06 | |
| 72 | 409 | 1.82e-06 | 0.0 | -3.75e-03 | 0.0 | 0.0-1.253e+04 5.761e+04 | 283.73 | 0.0 | -2.270e+04 -4.609e+06 | |
| | | -4.609e+06-2.270e+04 | 1.28e-04 | 0.0 | 80.0-1.253e+04 5.761e+04 | 283.73 | 0.0 | 0.0 | 1.82e-06 | |
| 72 | 410 | -1.78e-06 | 0.0 | 3.23e-03 | 0.0 | 0.0-1.659e+04 2.467e+04 | 1583.95 | 0.0 | -1.267e+05 -1.974e+06 | |
| | | -1.974e+06-1.267e+05 | -2.81e-05 | 0.0 | 80.0-1.659e+04 2.467e+04 | 1583.95 | 0.0 | 0.0 | -1.78e-06 | |
| 72 | 412 | 1.84e-06 | 0.0 | -3.77e-03 | 0.0 | 0.0-1.312e+04 6.112e+04 | 2784.06 | 0.0 | -2.227e+05 -4.890e+06 | |
| | | -4.890e+06-2.227e+05 | -1.04e-04 | 0.0 | 80.0-1.312e+04 6.112e+04 | 2784.06 | 0.0 | 0.0 | 1.84e-06 | |
| 72 | 436 | 0.0 | 0.0 | -1.35e-03 | 0.0 | 0.0-1.501e+04 5.315e+04 | 6321.96 | 0.0 | -5.058e+05 -4.252e+06 | |
| | | -4.252e+06-5.058e+05 | -4.91e-04 | 0.0 | 80.0-1.501e+04 5.315e+04 | 6321.96 | 0.0 | 0.0 | 0.0 | |
| 72 | 439 | 0.0 3.563e+05 | 8.28e-04 | 0.0 | 0.0-1.411e+04 2.913e+04 | -4454.28 | 0.0 | 3.563e+05 -2.330e+06 | | |
| | | -2.330e+06 | 0.0 | 5.90e-04 | 0.0 | 80.0-1.411e+04 2.913e+04 | -4454.28 | 0.0 | 0.0 | 0.0 |
| 72 | 440 | 1.06e-06 | 0.0 | -2.04e-03 | 0.0 | 0.0-1.388e+04 5.075e+04 | 1513.04 | 0.0 | -1.210e+05 -4.060e+06 | |
| | | -4.060e+06-1.210e+05 | 0.0 | 0.0 | 80.0-1.388e+04 5.075e+04 | 1513.04 | 0.0 | 0.0 | 1.06e-06 | |
| 72 | 441 | 0.0 | 0.0 | -2.02e-03 | 0.0 | 0.0-1.349e+04 4.948e+04 | 656.81 | 0.0 | -5.254e+04 -3.958e+06 | |
| | | -3.958e+06-5.254e+04 | 8.77e-05 | 0.0 | 80.0-1.349e+04 4.948e+04 | 656.81 | 0.0 | 0.0 | 0.0 | |
| 72 | 442 | 0.0 | 0.0 | 1.50e-03 | 0.0 | 0.0-1.563e+04 3.281e+04 | 1210.87 | 0.0 | -9.687e+04 -2.625e+06 | |
| | | -2.625e+06-9.687e+04 | 1.20e-05 | 0.0 | 80.0-1.563e+04 3.281e+04 | 1210.87 | 0.0 | 0.0 | 0.0 | |
| 72 | 444 | 0.0 | 0.0 | -2.03e-03 | 0.0 | 0.0-1.383e+04 5.112e+04 | 1853.78 | 0.0 | -1.483e+05 -4.090e+06 | |
| | | -4.090e+06-1.483e+05 | -2.63e-05 | 0.0 | 80.0-1.383e+04 5.112e+04 | 1853.78 | 0.0 | 0.0 | 0.0 | |
| 72 | 468 | 0.0 | 0.0 | -8.09e-04 | 0.0 | 0.0-1.477e+04 4.712e+04 | 3609.82 | 0.0 | -2.888e+05 -3.770e+06 | |
| | | -3.770e+06-2.888e+05 | -2.18e-04 | 0.0 | 80.0-1.477e+04 4.712e+04 | 3609.82 | 0.0 | 0.0 | 0.0 | |
| 72 | 471 | 0.0 1.394e+05 | 2.90e-04 | 0.0 | 0.0-1.434e+04 3.516e+04 | -1742.14 | 0.0 | 1.394e+05 -2.813e+06 | | |
| | | -2.813e+06 | 0.0 | 3.18e-04 | 0.0 | 80.0-1.434e+04 3.516e+04 | -1742.14 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| 75 | 51 | 7.606e+06 | 0.0 | 0.01 | 0.0 | 0.0 | -3.990e+04 | -9.507e+04 | 2150.02 | 0.0 | -1.720e+05 | 7.606e+06 |
| | | 0.0 | -1.720e+05 | -6.37e-05 | 0.0 | 80.0 | -3.990e+04 | -9.507e+04 | 2150.02 | 0.0 | 0.0 | 0.0 |
| 75 | 52 | 6.382e+06 | 0.0 | 0.01 | 0.0 | 0.0 | -3.516e+04 | -7.977e+04 | 1346.41 | 0.0 | -1.077e+05 | 6.382e+06 |
| | | 0.0 | -1.077e+05 | -7.40e-05 | 0.0 | 80.0 | -3.516e+04 | -7.977e+04 | 1346.41 | 0.0 | 0.0 | 0.0 |
| 75 | 69 | 5.656e+06 | 0.0 | 3.42e-03 | 0.0 | 0.0 | -5.464e+04 | -7.070e+04 | 7357.10 | 0.0 | -5.886e+05 | 5.656e+06 |
| | | 0.0 | -5.886e+05 | -7.72e-05 | 0.0 | 80.0 | -5.464e+04 | -7.070e+04 | 7357.10 | 0.0 | 0.0 | 0.0 |
| 75 | 71 | 5.675e+06 | 0.0 | 3.42e-03 | 0.0 | 0.0 | -5.456e+04 | -7.093e+04 | 7960.90 | 0.0 | -6.369e+05 | 5.675e+06 |
| | | 0.0 | -6.369e+05 | -1.02e-04 | 0.0 | 80.0 | -5.456e+04 | -7.093e+04 | 7960.90 | 0.0 | 0.0 | 0.0 |
| 75 | 128 | 3.660e+06 | 0.0 | -5.72e-05 | 0.0 | 0.0 | -1.539e+04 | -4.575e+04 | 1216.03 | 0.0 | -9.728e+04 | 3.660e+06 |
| | | 0.0 | -9.728e+04 | 2.58e-05 | 0.0 | 80.0 | -1.539e+04 | -4.575e+04 | 1216.03 | 0.0 | 0.0 | 0.0 |
| 75 | 134 | 3.627e+06 | 5266.26 | -5.72e-05 | 0.0 | 0.0 | -1.554e+04 | -4.534e+04 | -65.83 | 0.0 | 5266.26 | 3.627e+06 |
| | | 0.0 | 0.0 | 8.36e-05 | 0.0 | 80.0 | -1.554e+04 | -4.534e+04 | -65.83 | 0.0 | 0.0 | 0.0 |
| 75 | 286 | 5.636e+06 | 0.0 | 8.90e-03 | 0.0 | 0.0 | -2.956e+04 | -7.045e+04 | 1666.40 | 0.0 | -1.333e+05 | 5.636e+06 |
| | | 0.0 | -1.333e+05 | -5.20e-05 | 0.0 | 80.0 | -2.956e+04 | -7.045e+04 | 1666.40 | 0.0 | 0.0 | 0.0 |
| 75 | 295 | 4.193e+06 | 0.0 | 2.49e-03 | 0.0 | 0.0 | -4.047e+04 | -5.241e+04 | 5568.22 | 0.0 | -4.455e+05 | 4.193e+06 |
| | | 0.0 | -4.455e+05 | -6.39e-05 | 0.0 | 80.0 | -4.047e+04 | -5.241e+04 | 5568.22 | 0.0 | 0.0 | 0.0 |
| 75 | 296 | 4.206e+06 | 0.0 | 2.49e-03 | 0.0 | 0.0 | -4.042e+04 | -5.257e+04 | 5970.75 | 0.0 | -4.777e+05 | 4.206e+06 |
| | | 0.0 | -4.777e+05 | -8.07e-05 | 0.0 | 80.0 | -4.042e+04 | -5.257e+04 | 5970.75 | 0.0 | 0.0 | 0.0 |
| 75 | 307 | 3.749e+06 | 0.0 | -1.14e-03 | 0.0 | 0.0 | -1.502e+04 | -4.686e+04 | 780.27 | 0.0 | -6.242e+04 | 3.749e+06 |
| | | 0.0 | -6.242e+04 | 2.74e-05 | 0.0 | 80.0 | -1.502e+04 | -4.686e+04 | 780.27 | 0.0 | 0.0 | 0.0 |
| 75 | 324 | 3.620e+06 | 0.0 | -1.46e-04 | 0.0 | 0.0 | -1.491e+04 | -4.525e+04 | 1551.98 | 0.0 | -1.242e+05 | 3.620e+06 |
| | | 0.0 | -1.242e+05 | 2.25e-05 | 0.0 | 80.0 | -1.491e+04 | -4.525e+04 | 1551.98 | 0.0 | 0.0 | 0.0 |
| 75 | 392 | 3.183e+06 | 0.0 | 1.26e-04 | 0.0 | 0.0 | -1.334e+04 | -3.979e+04 | 1852.02 | 0.0 | -1.482e+05 | 3.183e+06 |
| | | 0.0 | -1.482e+05 | 2.66e-05 | 0.0 | 80.0 | -1.334e+04 | -3.979e+04 | 1852.02 | 0.0 | 0.0 | 0.0 |
| 75 | 393 | 3.235e+06 | 0.0 | -2.24e-04 | 0.0 | 0.0 | -1.336e+04 | -4.044e+04 | 1052.90 | 0.0 | -8.423e+04 | 3.235e+06 |
| | | 0.0 | -8.423e+04 | 7.48e-05 | 0.0 | 80.0 | -1.336e+04 | -4.044e+04 | 1052.90 | 0.0 | 0.0 | 0.0 |
| 75 | 396 | 4.772e+06 | 0.0 | 6.39e-03 | 0.0 | 0.0 | -2.409e+04 | -5.964e+04 | 2134.07 | 0.0 | -1.707e+05 | 4.772e+06 |
| | | 0.0 | -1.707e+05 | -3.21e-05 | 0.0 | 80.0 | -2.409e+04 | -5.964e+04 | 2134.07 | 0.0 | 0.0 | 0.0 |
| 75 | 397 | 3.699e+06 | 0.0 | 1.58e-03 | 0.0 | 0.0 | -3.224e+04 | -4.623e+04 | 5362.34 | 0.0 | -4.290e+05 | 3.699e+06 |
| | | 0.0 | -4.290e+05 | -5.36e-05 | 0.0 | 80.0 | -3.224e+04 | -4.623e+04 | 5362.34 | 0.0 | 0.0 | 0.0 |
| 75 | 407 | 3.256e+06 | 0.0 | -2.24e-04 | 0.0 | 0.0 | -1.335e+04 | -4.070e+04 | 1938.09 | 0.0 | -1.550e+05 | 3.256e+06 |
| | | 0.0 | -1.550e+05 | 2.63e-05 | 0.0 | 80.0 | -1.335e+04 | -4.070e+04 | 1938.09 | 0.0 | 0.0 | 0.0 |
| 75 | 412 | 4.650e+06 | 0.0 | -3.72e-03 | 0.0 | 0.0 | -1.641e+04 | -5.813e+04 | 5040.89 | 0.0 | -4.033e+05 | 4.650e+06 |
| | | 3.14e-06 | -4.033e+05 | -1.02e-04 | 0.0 | 80.0 | -1.641e+04 | -5.813e+04 | 5040.89 | 0.0 | 0.0 | 3.14e-06 |
| 75 | 413 | 4.573e+06 | 0.0 | -3.69e-03 | 0.0 | 0.0 | -1.673e+04 | -5.717e+04 | 1248.72 | 0.0 | -9.990e+04 | 4.573e+06 |
| | | 3.04e-06 | -9.990e+04 | 1.77e-04 | 0.0 | 80.0 | -1.673e+04 | -5.717e+04 | 1248.72 | 0.0 | 0.0 | 3.04e-06 |
| 75 | 414 | 1.938e+06 | 0.0 | 3.25e-03 | 0.0 | 0.0 | -9973.92 | -2.423e+04 | 2627.46 | 0.0 | -2.102e+05 | 1.938e+06 |
| | | -2.95e-06 | -2.102e+05 | -1.24e-04 | 0.0 | 80.0 | -9973.92 | -2.423e+04 | 2627.46 | 0.0 | 0.0 | -2.95e-06 |
| 75 | 415 | 1.861e+06 | 9.318e+04 | 3.27e-03 | 0.0 | 0.0 | -1.029e+04 | -2.326e+04 | -1164.70 | 0.0 | 9.318e+04 | 1.861e+06 |
| | | -3.04e-06 | 0.0 | 1.54e-04 | 0.0 | 80.0 | -1.029e+04 | -2.326e+04 | -1164.70 | 0.0 | 0.0 | -3.04e-06 |
| 75 | 432 | 3.791e+06 | 0.0 | -1.31e-03 | 0.0 | 0.0 | -1.379e+04 | -4.739e+04 | 8620.38 | 0.0 | -6.896e+05 | 3.791e+06 |
| | | 1.12e-06 | -6.896e+05 | -4.34e-04 | 0.0 | 80.0 | -1.379e+04 | -4.739e+04 | 8620.38 | 0.0 | 0.0 | 1.12e-06 |
| 75 | 435 | 2.720e+06 | 3.795e+05 | 8.62e-04 | 0.0 | 0.0 | -1.291e+04 | -3.401e+04 | -4744.20 | 0.0 | 3.795e+05 | 2.720e+06 |
| | | -1.03e-06 | 0.0 | 4.87e-04 | 0.0 | 80.0 | -1.291e+04 | -3.401e+04 | -4744.20 | 0.0 | 0.0 | -1.03e-06 |
| 75 | 441 | 3.922e+06 | 0.0 | -1.97e-03 | 0.0 | 0.0 | -1.512e+04 | -4.903e+04 | 1804.72 | 0.0 | -1.444e+05 | 3.922e+06 |
| | | 1.14e-06 | -1.444e+05 | 7.61e-05 | 0.0 | 80.0 | -1.512e+04 | -4.903e+04 | 1804.72 | 0.0 | 0.0 | 1.14e-06 |
| 75 | 442 | 2.589e+06 | 0.0 | 1.52e-03 | 0.0 | 0.0 | -1.158e+04 | -3.236e+04 | 2071.47 | 0.0 | -1.657e+05 | 2.589e+06 |
| | | -1.05e-06 | -1.657e+05 | -2.35e-05 | 0.0 | 80.0 | -1.158e+04 | -3.236e+04 | 2071.47 | 0.0 | 0.0 | -1.05e-06 |
| 75 | 443 | 2.567e+06 | 0.0 | 1.55e-03 | 0.0 | 0.0 | -1.185e+04 | -3.208e+04 | 596.40 | 0.0 | -4.771e+04 | 2.567e+06 |
| | | -1.87e-06 | -4.771e+04 | 6.49e-05 | 0.0 | 80.0 | -1.185e+04 | -3.208e+04 | 596.40 | 0.0 | 0.0 | -1.87e-06 |
| 75 | 444 | 3.953e+06 | 0.0 | -1.99e-03 | 0.0 | 0.0 | -1.491e+04 | -4.941e+04 | 3482.57 | 0.0 | -2.786e+05 | 3.953e+06 |
| | | 1.57e-06 | -2.786e+05 | -3.72e-05 | 0.0 | 80.0 | -1.491e+04 | -4.941e+04 | 3482.57 | 0.0 | 0.0 | 1.57e-06 |
| 75 | 464 | 3.523e+06 | 0.0 | -7.73e-04 | 0.0 | 0.0 | -1.358e+04 | -4.403e+04 | 5253.72 | 0.0 | -4.203e+05 | 3.523e+06 |
| | | 0.0 | -4.203e+05 | -2.02e-04 | 0.0 | 80.0 | -1.358e+04 | -4.403e+04 | 5253.72 | 0.0 | 0.0 | 0.0 |
| 75 | 467 | 2.989e+06 | 1.102e+05 | 3.25e-04 | 0.0 | 0.0 | -1.312e+04 | -3.736e+04 | -1377.54 | 0.0 | 1.102e+05 | 2.989e+06 |
| | | 0.0 | 0.0 | 2.55e-04 | 0.0 | 80.0 | -1.312e+04 | -3.736e+04 | -1377.54 | 0.0 | 0.0 | 0.0 |
| 76 | 49 | 1.20e-06 | 0.0 | 0.01 | 0.0 | 0.0 | -2.338e+04 | 8.742e+04 | 2386.52 | 0.0 | -1.909e+05 | -6.994e+06 |
| | | -6.994e+06 | -1.909e+05 | -4.00e-05 | 0.0 | 80.0 | -2.338e+04 | 8.742e+04 | 2386.52 | 0.0 | 0.0 | 1.20e-06 |
| 76 | 89 | 0.0 | 0.0 | -2.16e-03 | 0.0 | 0.0 | -5.419e+04 | 7.146e+04 | 7489.58 | 0.0 | -5.992e+05 | -5.717e+06 |
| | | -5.717e+06 | -5.992e+05 | -7.48e-05 | 0.0 | 80.0 | -5.419e+04 | 7.146e+04 | 7489.58 | 0.0 | 0.0 | 0.0 |
| 76 | 91 | 0.0 | 0.0 | -2.16e-03 | 0.0 | 0.0 | -5.412e+04 | 7.170e+04 | 8117.09 | 0.0 | -6.494e+05 | -5.736e+06 |
| | | -5.736e+06 | -6.494e+05 | -1.00e-04 | 0.0 | 80.0 | -5.412e+04 | 7.170e+04 | 8117.09 | 0.0 | 0.0 | 0.0 |
| 76 | 111 | 0.0 | 0.0 | -5.03e-03 | 0.0 | 0.0 | -3.923e+04 | 8.909e+04 | 1455.04 | 0.0 | -1.164e+05 | -7.127e+06 |
| | | -7.127e+06 | -1.164e+05 | -4.07e-05 | 0.0 | 80.0 | -3.923e+04 | 8.909e+04 | 1455.04 | 0.0 | 0.0 | 0.0 |
| 76 | 114 | 0.0 | 5.025e+04 | -3.57e-03 | 0.0 | 0.0 | -2.728e+04 | 5.854e+04 | -628.13 | 0.0 | 5.025e+04 | -4.683e+06 |
| | | -4.683e+06 | 0.0 | 7.39e-05 | 0.0 | 80.0 | -2.728e+04 | 5.854e+04 | -628.13 | 0.0 | 0.0 | 0.0 |
| 76 | 148 | 0.0 | 0.0 | -1.28e-04 | 0.0 | 0.0 | -1.513e+04 | 4.669e+04 | 1527.84 | 0.0 | -1.222e+05 | -3.735e+06 |
| | | -3.735e+06 | -1.222e+05 | 2.63e-05 | 0.0 | 80.0 | -1.513e+04 | 4.669e+04 | 1527.84 | 0.0 | 0.0 | 0.0 |
| 76 | 285 | 0.0 | 0.0 | 8.85e-03 | 0.0 | 0.0 | -1.731e+04 | 6.484e+04 | 1885.66 | 0.0 | -1.509e+05 | -5.187e+06 |
| | | -5.187e+06 | -1.509e+05 | -3.63e-05 | 0.0 | 80.0 | -1.731e+04 | 6.484e+04 | 1885.66 | 0.0 | 0.0 | 0.0 |
| 76 | 305 | 0.0 | 0.0 | -1.64e-03 | 0.0 | 0.0 | -4.014e+04 | 5.302e+04 | 5665.71 | 0.0 | -4.533e+05 | -4.241e+06 |
| | | -4.241e+06 | -4.533e+05 | -6.21e-05 | 0.0 | 80.0 | -4.014e+04 | 5.302e+04 | 5665.71 | 0.0 | 0.0 | 0.0 |
| 76 | 306 | 0.0 | 0.0 | -1.64e-03 | 0.0 | 0.0 | -4.009e+04 | 5.318e+04 | 6084.05 | 0.0 | -4.867e+05 | -4.254e+06 |
| | | -4.254e+06 | -4.867e+05 | -7.90e-05 | 0.0 | 80.0 | -4.009e+04 | 5.318e+04 | 6084.05 | 0.0 | 0.0 | 0.0 |
| 76 | 316 | 0.0 | 0.0 | -3.76e-03 | 0.0 | 0.0 | -2.906e+04 | 6.606e+04 | 1149.20 | 0.0 | -9.194e+04 | -5.285e+06 |
| | | -5.285e+06 | -9.194e+04 | -3.50e-05 | 0.0 | 80.0 | -2.906e+04 | 6.606e+04 | 1149.20 | 0.0 | 0.0 | 0.0 |
| 76 | 334 | 0.0 | 0.0 | -2.08e-04 | 0.0 | 0.0 | -1.467e+04 | 4.615e+04 | 1801.00 | 0.0 | -1.441e+05 | -3.692e+06 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| | | -3.692e+06 | -1.441e+05 | 2.29e-05 | 0.0 | 80.0 | -1.467e+04 | 4.615e+04 | 1801.00 | 0.0 | 0.0 | 0.0 |
| 76 | 392 | 0.0 | 0.0 | 9.16e-05 | 0.0 | 0.0 | -1.316e+04 | 4.001e+04 | 1982.05 | 0.0 | -1.586e+05 | -3.201e+06 |
| | | -3.201e+06 | -1.586e+05 | 2.63e-05 | 0.0 | 80.0 | -1.316e+04 | 4.001e+04 | 1982.05 | 0.0 | 0.0 | 0.0 |
| 76 | 396 | 0.0 | 0.0 | 6.34e-03 | 0.0 | 0.0 | -1.484e+04 | 5.590e+04 | 2605.61 | 0.0 | -2.084e+05 | -4.472e+06 |
| | | -4.472e+06 | -2.084e+05 | -3.30e-05 | 0.0 | 80.0 | -1.484e+04 | 5.590e+04 | 2605.61 | 0.0 | 0.0 | 0.0 |
| 76 | 398 | 0.0 | 0.0 | -1.53e-03 | 0.0 | 0.0 | -3.196e+04 | 4.703e+04 | 5440.64 | 0.0 | -4.353e+05 | -3.763e+06 |
| | | -3.763e+06 | -4.353e+05 | -5.23e-05 | 0.0 | 80.0 | -3.196e+04 | 4.703e+04 | 5440.64 | 0.0 | 0.0 | 0.0 |
| 76 | 399 | 0.0 | 0.0 | -3.12e-03 | 0.0 | 0.0 | -2.368e+04 | 5.670e+04 | 1739.51 | 0.0 | -1.392e+05 | -4.536e+06 |
| | | -4.536e+06 | -1.392e+05 | -1.93e-05 | 0.0 | 80.0 | -2.368e+04 | 5.670e+04 | 1739.51 | 0.0 | 0.0 | 0.0 |
| 76 | 407 | 0.0 | 0.0 | -2.59e-04 | 0.0 | 0.0 | -1.316e+04 | 4.128e+04 | 2006.01 | 0.0 | -1.605e+05 | -3.302e+06 |
| | | -3.302e+06 | -1.605e+05 | 2.61e-05 | 0.0 | 80.0 | -1.316e+04 | 4.128e+04 | 2006.01 | 0.0 | 0.0 | 0.0 |
| 76 | 412 | 0.0 | 0.0 | -3.76e-03 | 0.0 | 0.0 | -1.455e+04 | 5.970e+04 | 5526.65 | 0.0 | -4.421e+05 | -4.776e+06 |
| | | -4.776e+06 | -4.421e+05 | -1.26e-04 | 0.0 | 80.0 | -1.455e+04 | 5.970e+04 | 5526.65 | 0.0 | 0.0 | 0.0 |
| 76 | 413 | -1.25e-06 | 0.0 | -3.74e-03 | 0.0 | 0.0 | -1.488e+04 | 5.883e+04 | 55.45 | 0.0 | -4436.24 | -4.706e+06 |
| | | -4.706e+06 | -4436.24 | 1.55e-04 | 0.0 | 80.0 | -1.488e+04 | 5.883e+04 | 55.45 | 0.0 | 0.0 | -1.25e-06 |
| 76 | 414 | 1.26e-06 | 0.0 | 3.22e-03 | 0.0 | 0.0 | -1.144e+04 | 5.048e+04 | 3956.58 | 0.0 | -3.165e+05 | -1.898e+06 |
| | | -1.898e+06 | -3.165e+05 | -1.03e-04 | 0.0 | 80.0 | -1.144e+04 | 5.048e+04 | 3956.58 | 0.0 | 0.0 | 1.26e-06 |
| 76 | 420 | 3.62e-06 | 0.0 | -3.76e-03 | 0.0 | 0.0 | -1.453e+04 | 5.947e+04 | 6284.67 | 0.0 | -5.028e+05 | -4.758e+06 |
| | | -4.758e+06 | -5.028e+05 | -3.53e-04 | 0.0 | 80.0 | -1.453e+04 | 5.947e+04 | 6284.67 | 0.0 | 0.0 | 3.62e-06 |
| 76 | 436 | 2.23e-06 | 0.0 | -1.35e-03 | 0.0 | 0.0 | -1.306e+04 | 4.806e+04 | 1.159e+04 | 0.0 | -9.270e+05 | -3.845e+06 |
| | | -3.845e+06 | -9.270e+05 | -5.14e-04 | 0.0 | 80.0 | -1.306e+04 | 4.806e+04 | 1.159e+04 | 0.0 | 0.0 | 2.23e-06 |
| 76 | 439 | -2.22e-06 | 6.060e+05 | 8.30e-04 | 0.0 | 0.0 | -1.326e+04 | 3.449e+04 | -7575.56 | 0.0 | 6.060e+05 | -2.759e+06 |
| | | -2.759e+06 | 6.060e+05 | 5.67e-04 | 0.0 | 80.0 | -1.326e+04 | 3.449e+04 | -7575.56 | 0.0 | 0.0 | -2.22e-06 |
| 76 | 441 | 0.0 | 0.0 | -2.01e-03 | 0.0 | 0.0 | -1.405e+04 | 5.009e+04 | 1669.51 | 0.0 | -1.336e+05 | -4.007e+06 |
| | | -4.007e+06 | -1.336e+05 | 6.43e-05 | 0.0 | 80.0 | -1.405e+04 | 5.009e+04 | 1669.51 | 0.0 | 0.0 | 0.0 |
| 76 | 442 | 0.0 | 0.0 | 1.49e-03 | 0.0 | 0.0 | -1.227e+04 | 3.246e+04 | 2342.52 | 0.0 | -1.874e+05 | -2.597e+06 |
| | | -2.597e+06 | -1.874e+05 | -1.20e-05 | 0.0 | 80.0 | -1.227e+04 | 3.246e+04 | 2342.52 | 0.0 | 0.0 | 0.0 |
| 76 | 444 | 0.0 | 0.0 | -2.03e-03 | 0.0 | 0.0 | -1.386e+04 | 5.048e+04 | 3756.27 | 0.0 | -3.005e+05 | -4.039e+06 |
| | | -4.039e+06 | -3.005e+05 | -4.96e-05 | 0.0 | 80.0 | -1.386e+04 | 5.048e+04 | 3756.27 | 0.0 | 0.0 | 0.0 |
| 76 | 461 | 2.76e-06 | 1.527e+04 | -7.45e-04 | 0.0 | 0.0 | -1.374e+04 | 4.335e+04 | -190.88 | 0.0 | 1.527e+04 | -3.468e+06 |
| | | -3.468e+06 | 1.527e+04 | 1.37e-04 | 0.0 | 80.0 | -1.374e+04 | 4.335e+04 | -190.88 | 0.0 | 0.0 | 2.76e-06 |
| 76 | 468 | 1.11e-06 | 0.0 | -8.10e-04 | 0.0 | 0.0 | -1.312e+04 | 4.466e+04 | 6764.96 | 0.0 | -5.412e+05 | -3.573e+06 |
| | | -3.573e+06 | -5.412e+05 | -2.42e-04 | 0.0 | 80.0 | -1.312e+04 | 4.466e+04 | 6764.96 | 0.0 | 0.0 | 1.11e-06 |
| 76 | 471 | -1.10e-06 | 2.202e+05 | 2.91e-04 | 0.0 | 0.0 | -1.320e+04 | 3.789e+04 | -2752.93 | 0.0 | 2.202e+05 | -3.031e+06 |
| | | -3.031e+06 | 2.202e+05 | 2.94e-04 | 0.0 | 80.0 | -1.320e+04 | 3.789e+04 | -2752.93 | 0.0 | 0.0 | -1.10e-06 |
| 79 | 49 | 8.684e+06 | 4.240e+05 | 0.01 | 0.0 | 0.0 | -4.330e+04 | -1.085e+05 | -5300.42 | 0.0 | 4.240e+05 | 8.684e+06 |
| | | 4.240e+05 | 8.684e+06 | -1.78e-04 | 0.0 | 80.0 | -4.330e+04 | -1.085e+05 | -5300.42 | 0.0 | 0.0 | 0.0 |
| 79 | 69 | 6.423e+06 | 9.743e+05 | 3.44e-03 | 0.0 | 0.0 | -6.340e+04 | -8.028e+04 | -1.218e+04 | 0.0 | 9.743e+05 | 6.423e+06 |
| | | 9.743e+05 | 6.423e+06 | -2.26e-04 | 0.0 | 80.0 | -6.340e+04 | -8.028e+04 | -1.218e+04 | 0.0 | 0.0 | 0.0 |
| 79 | 71 | 6.404e+06 | 9.260e+05 | 3.44e-03 | 0.0 | 0.0 | -6.349e+04 | -8.005e+04 | -1.158e+04 | 0.0 | 9.260e+05 | 6.404e+06 |
| | | 9.260e+05 | 6.404e+06 | -2.51e-04 | 0.0 | 80.0 | -6.349e+04 | -8.005e+04 | -1.158e+04 | 0.0 | 0.0 | 0.0 |
| 79 | 109 | 7.834e+06 | 5.919e+05 | -4.96e-03 | 0.0 | 0.0 | -2.641e+04 | -9.793e+04 | -7399.01 | 0.0 | 5.919e+05 | 7.834e+06 |
| | | 5.919e+05 | 7.834e+06 | -1.03e-06 | 0.0 | 80.0 | -2.641e+04 | -9.793e+04 | -7399.01 | 0.0 | 0.0 | -1.03e-06 |
| 79 | 111 | 7.815e+06 | 5.436e+05 | -4.96e-03 | 0.0 | 0.0 | -2.649e+04 | -9.769e+04 | -6795.37 | 0.0 | 5.436e+05 | 7.815e+06 |
| | | 7.815e+06 | 5.436e+05 | -1.79e-04 | 0.0 | 80.0 | -2.649e+04 | -9.769e+04 | -6795.37 | 0.0 | 0.0 | -1.03e-06 |
| 79 | 186 | 3.919e+06 | 3.352e+05 | 4.35e-05 | 0.0 | 0.0 | -1.644e+04 | -4.899e+04 | -4189.52 | 0.0 | 3.352e+05 | 3.919e+06 |
| | | 3.352e+05 | 3.919e+06 | 6.69e-06 | 0.0 | 80.0 | -1.644e+04 | -4.899e+04 | -4189.52 | 0.0 | 0.0 | 0.0 |
| 79 | 285 | 6.430e+06 | 3.036e+05 | 8.92e-03 | 0.0 | 0.0 | -3.208e+04 | -8.037e+04 | -3794.62 | 0.0 | 3.036e+05 | 6.430e+06 |
| | | 6.430e+06 | 3.036e+05 | -1.38e-04 | 0.0 | 80.0 | -3.208e+04 | -8.037e+04 | -3794.62 | 0.0 | 0.0 | 0.0 |
| 79 | 295 | 4.755e+06 | 7.112e+05 | 2.51e-03 | 0.0 | 0.0 | -4.697e+04 | -5.944e+04 | -8889.83 | 0.0 | 7.112e+05 | 4.755e+06 |
| | | 7.112e+05 | 4.755e+06 | -1.73e-04 | 0.0 | 80.0 | -4.697e+04 | -5.944e+04 | -8889.83 | 0.0 | 0.0 | 0.0 |
| 79 | 296 | 4.742e+06 | 6.790e+05 | 2.51e-03 | 0.0 | 0.0 | -4.702e+04 | -5.928e+04 | -8487.40 | 0.0 | 6.790e+05 | 4.742e+06 |
| | | 6.790e+05 | 4.742e+06 | -1.90e-04 | 0.0 | 80.0 | -4.702e+04 | -5.928e+04 | -8487.40 | 0.0 | 0.0 | 0.0 |
| 79 | 315 | 5.800e+06 | 4.279e+05 | -3.72e-03 | 0.0 | 0.0 | -1.956e+04 | -7.251e+04 | -5349.13 | 0.0 | 4.279e+05 | 5.800e+06 |
| | | 5.800e+06 | 4.279e+05 | -1.20e-04 | 0.0 | 80.0 | -1.956e+04 | -7.251e+04 | -5349.13 | 0.0 | 0.0 | 0.0 |
| 79 | 316 | 5.788e+06 | 3.957e+05 | -3.72e-03 | 0.0 | 0.0 | -1.962e+04 | -7.235e+04 | -4946.70 | 0.0 | 3.957e+05 | 5.788e+06 |
| | | 5.788e+06 | 3.957e+05 | -1.37e-04 | 0.0 | 80.0 | -1.962e+04 | -7.235e+04 | -4946.70 | 0.0 | 0.0 | 0.0 |
| 79 | 353 | 3.804e+06 | 2.825e+05 | -7.09e-05 | 0.0 | 0.0 | -1.569e+04 | -4.755e+04 | -3531.57 | 0.0 | 2.825e+05 | 3.804e+06 |
| | | 3.804e+06 | 2.825e+05 | -1.09e-05 | 0.0 | 80.0 | -1.569e+04 | -4.755e+04 | -3531.57 | 0.0 | 0.0 | 0.0 |
| 79 | 392 | 3.172e+06 | 1.433e+05 | 1.27e-04 | 0.0 | 0.0 | -1.334e+04 | -3.965e+04 | -1790.95 | 0.0 | 1.433e+05 | 3.172e+06 |
| | | 3.172e+06 | 1.433e+05 | -3.05e-05 | 0.0 | 80.0 | -1.334e+04 | -3.965e+04 | -1790.95 | 0.0 | 0.0 | 0.0 |
| 79 | 396 | 5.189e+06 | 1.737e+05 | 6.40e-03 | 0.0 | 0.0 | -2.530e+04 | -6.486e+04 | -2170.64 | 0.0 | 1.737e+05 | 5.189e+06 |
| | | 5.189e+06 | 1.737e+05 | -1.17e-04 | 0.0 | 80.0 | -2.530e+04 | -6.486e+04 | -2170.64 | 0.0 | 0.0 | 0.0 |
| 79 | 397 | 3.932e+06 | 4.794e+05 | 1.59e-03 | 0.0 | 0.0 | -3.646e+04 | -4.915e+04 | -5992.05 | 0.0 | 4.794e+05 | 3.932e+06 |
| | | 3.932e+06 | 4.794e+05 | -1.43e-04 | 0.0 | 80.0 | -3.646e+04 | -4.915e+04 | -5992.05 | 0.0 | 0.0 | 0.0 |
| 79 | 399 | 4.717e+06 | 2.669e+05 | -3.08e-03 | 0.0 | 0.0 | -1.591e+04 | -5.896e+04 | -3336.52 | 0.0 | 2.669e+05 | 4.717e+06 |
| | | 4.717e+06 | 2.669e+05 | -1.03e-04 | 0.0 | 80.0 | -1.591e+04 | -5.896e+04 | -3336.52 | 0.0 | 0.0 | 0.0 |
| 79 | 407 | 3.244e+06 | 1.501e+05 | -2.23e-04 | 0.0 | 0.0 | -1.334e+04 | -4.055e+04 | -1875.63 | 0.0 | 1.501e+05 | 3.244e+06 |
| | | 3.244e+06 | 1.501e+05 | -3.03e-05 | 0.0 | 80.0 | -1.334e+04 | -4.055e+04 | -1875.63 | 0.0 | 0.0 | 0.0 |
| 79 | 420 | 4.557e+06 | 9.330e+04 | -3.71e-03 | 0.0 | 0.0 | -1.672e+04 | -5.697e+04 | -1166.26 | 0.0 | 9.330e+04 | 4.557e+06 |
| | | 4.557e+06 | 9.330e+04 | -1.82e-04 | 0.0 | 80.0 | -1.672e+04 | -5.697e+04 | -1166.26 | 0.0 | 0.0 | -6.43e-06 |
| 79 | 421 | 4.633e+06 | 3.968e+05 | -3.70e-03 | 0.0 | 0.0 | -1.641e+04 | -5.791e+04 | -4960.62 | 0.0 | 3.968e+05 | 4.633e+06 |
| | | 4.633e+06 | 3.968e+05 | 9.67e-05 | 0.0 | 80.0 | -1.641e+04 | -5.791e+04 | -4960.62 | 0.0 | 0.0 | -4.72e-06 |
| 79 | 423 | 1.931e+06 | 2.068e+05 | 3.26e-03 | 0.0 | 0.0 | -9968.67 | -2.414e+04 | -2585.00 | 0.0 | 2.068e+05 | 1.931e+06 |
| | | 1.931e+06 | 2.068e+05 | 6.36e-06 | 0.0 | 80.0 | -9968.67 | -2.414e+04 | -2585.00 | 0.0 | 0.0 | 6.36e-06 |
| 79 | 437 | 3.775e+06 | 6.845e+05 | -1.25e-03 | 0.0 | 0.0 | -1.378e+04 | -4.719e+04 | -8555.90 | 0.0 | 6.845e+05 | 3.775e+06 |
| | | 3.775e+06 | 6.845e+05 | 1.14e-06 | 0.0 | 80.0 | -1.378e+04 | -4.719e+04 | -8555.90 | 0.0 | 0.0 | 1.14e-06 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| 79 | 438 | 2.713e+06 | 0.0 | 8.06e-04 | 0.0 | 0.0 | -1.291e+04 | -3.391e+04 | 4804.64 | 0.0 | -3.844e+05 | 2.713e+06 |
| | | -1.21e-06 | -3.844e+05 | -4.90e-04 | 0.0 | 80.0 | -1.291e+04 | -3.391e+04 | 4804.64 | 0.0 | 0.0 | -1.21e-06 |
| 79 | 448 | 3.906e+06 | 1.389e+05 | -1.97e-03 | 0.0 | 0.0 | -1.507e+04 | -4.882e+04 | -1736.40 | 0.0 | 1.389e+05 | 3.906e+06 |
| | | -2.87e-06 | 0.0 | -8.04e-05 | 0.0 | 80.0 | -1.507e+04 | -4.882e+04 | -1736.40 | 0.0 | 0.0 | -2.87e-06 |
| 79 | 451 | 2.583e+06 | 1.612e+05 | 1.52e-03 | 0.0 | 0.0 | -1.162e+04 | -3.229e+04 | -2014.86 | 0.0 | 1.612e+05 | 2.583e+06 |
| | | 2.80e-06 | 0.0 | 1.99e-05 | 0.0 | 80.0 | -1.162e+04 | -3.229e+04 | -2014.86 | 0.0 | 0.0 | 2.80e-06 |
| 79 | 452 | 3.901e+06 | 1.224e+05 | -1.99e-03 | 0.0 | 0.0 | -1.506e+04 | -4.876e+04 | -1529.54 | 0.0 | 1.224e+05 | 3.901e+06 |
| | | -3.18e-06 | 0.0 | -1.05e-04 | 0.0 | 80.0 | -1.506e+04 | -4.876e+04 | -1529.54 | 0.0 | 0.0 | -3.18e-06 |
| 79 | 453 | 3.938e+06 | 2.729e+05 | -1.98e-03 | 0.0 | 0.0 | -1.490e+04 | -4.923e+04 | -3411.22 | 0.0 | 2.729e+05 | 3.938e+06 |
| | | -2.34e-06 | 0.0 | 3.27e-05 | 0.0 | 80.0 | -1.490e+04 | -4.923e+04 | -3411.22 | 0.0 | 0.0 | -2.34e-06 |
| 79 | 469 | 3.509e+06 | 4.152e+05 | -7.44e-04 | 0.0 | 0.0 | -1.358e+04 | -4.387e+04 | -5190.19 | 0.0 | 4.152e+05 | 3.509e+06 |
| | | 0.0 | 0.0 | 1.98e-04 | 0.0 | 80.0 | -1.358e+04 | -4.387e+04 | -5190.19 | 0.0 | 0.0 | 0.0 |
| 79 | 470 | 2.979e+06 | 0.0 | 2.97e-04 | 0.0 | 0.0 | -1.311e+04 | -3.724e+04 | 1438.93 | 0.0 | -1.151e+05 | 2.979e+06 |
| | | 0.0 | -1.151e+05 | -2.59e-04 | 0.0 | 80.0 | -1.311e+04 | -3.724e+04 | 1438.93 | 0.0 | 0.0 | 0.0 |
| 80 | 89 | 0.0 | 9.765e+05 | -2.19e-03 | 0.0 | 0.0 | -6.384e+04 | 8.021e+04 | -1.221e+04 | 0.0 | 9.765e+05 | -6.417e+06 |
| | | -6.417e+06 | 0.0 | -2.23e-04 | 0.0 | 80.0 | -6.384e+04 | 8.021e+04 | -1.221e+04 | 0.0 | 0.0 | 0.0 |
| 80 | 90 | 0.0 | 9.174e+05 | -2.09e-03 | 0.0 | 0.0 | -5.903e+04 | 6.498e+04 | -1.147e+04 | 0.0 | 9.174e+05 | -5.198e+06 |
| | | -5.198e+06 | 0.0 | -2.11e-04 | 0.0 | 80.0 | -5.903e+04 | 6.498e+04 | -1.147e+04 | 0.0 | 0.0 | 0.0 |
| 80 | 91 | 0.0 | 9.262e+05 | -2.19e-03 | 0.0 | 0.0 | -6.392e+04 | 7.997e+04 | -1.158e+04 | 0.0 | 9.262e+05 | -6.398e+06 |
| | | -6.398e+06 | 0.0 | -2.48e-04 | 0.0 | 80.0 | -6.392e+04 | 7.997e+04 | -1.158e+04 | 0.0 | 0.0 | 0.0 |
| 80 | 109 | 0.0 | 4.685e+05 | -5.05e-03 | 0.0 | 0.0 | -4.381e+04 | 1.019e+05 | -5856.38 | 0.0 | 4.685e+05 | -8.148e+06 |
| | | -8.148e+06 | 0.0 | -1.56e-04 | 0.0 | 80.0 | -4.381e+04 | 1.019e+05 | -5856.38 | 0.0 | 0.0 | 0.0 |
| 80 | 146 | 0.0 | 3.297e+05 | -1.28e-04 | 0.0 | 0.0 | -1.660e+04 | 4.929e+04 | -4121.31 | 0.0 | 3.297e+05 | -3.943e+06 |
| | | -3.943e+06 | 0.0 | 5.00e-06 | 0.0 | 80.0 | -1.660e+04 | 4.929e+04 | -4121.31 | 0.0 | 0.0 | 0.0 |
| 80 | 169 | 1.28e-06 | 4.243e+05 | -3.07e-03 | 0.0 | 0.0 | -2.670e+04 | 9.243e+04 | -5303.35 | 0.0 | 4.243e+05 | -7.395e+06 |
| | | -7.395e+06 | 0.0 | -1.17e-04 | 0.0 | 80.0 | -2.670e+04 | 9.243e+04 | -5303.35 | 0.0 | 0.0 | 1.28e-06 |
| 80 | 305 | 0.0 | 7.117e+05 | -1.66e-03 | 0.0 | 0.0 | -4.729e+04 | 5.942e+04 | -8896.84 | 0.0 | 7.117e+05 | -4.754e+06 |
| | | -4.754e+06 | 0.0 | -1.71e-04 | 0.0 | 80.0 | -4.729e+04 | 5.942e+04 | -8896.84 | 0.0 | 0.0 | 0.0 |
| 80 | 306 | 0.0 | 6.782e+05 | -1.66e-03 | 0.0 | 0.0 | -4.735e+04 | 5.926e+04 | -8477.77 | 0.0 | 6.782e+05 | -4.741e+06 |
| | | -4.741e+06 | 0.0 | -1.88e-04 | 0.0 | 80.0 | -4.735e+04 | 5.926e+04 | -8477.77 | 0.0 | 0.0 | 0.0 |
| 80 | 315 | 0.0 | 3.355e+05 | -3.78e-03 | 0.0 | 0.0 | -3.246e+04 | 7.545e+04 | -4193.16 | 0.0 | 3.355e+05 | -6.036e+06 |
| | | -6.036e+06 | 0.0 | -1.22e-04 | 0.0 | 80.0 | -3.246e+04 | 7.545e+04 | -4193.16 | 0.0 | 0.0 | 0.0 |
| 80 | 333 | 0.0 | 2.749e+05 | -2.08e-04 | 0.0 | 0.0 | -1.587e+04 | 4.780e+04 | -3436.26 | 0.0 | 2.749e+05 | -3.824e+06 |
| | | -3.824e+06 | 0.0 | -1.22e-05 | 0.0 | 80.0 | -1.587e+04 | 4.780e+04 | -3436.26 | 0.0 | 0.0 | 0.0 |
| 80 | 345 | 0.0 | 3.027e+05 | -2.31e-03 | 0.0 | 0.0 | -1.978e+04 | 6.847e+04 | -3783.50 | 0.0 | 3.027e+05 | -5.478e+06 |
| | | -5.478e+06 | 0.0 | -9.29e-05 | 0.0 | 80.0 | -1.978e+04 | 6.847e+04 | -3783.50 | 0.0 | 0.0 | 0.0 |
| 80 | 393 | 0.0 | 2.150e+05 | -2.58e-04 | 0.0 | 0.0 | -1.354e+04 | 4.076e+04 | -2687.09 | 0.0 | 2.150e+05 | -3.261e+06 |
| | | -3.261e+06 | 0.0 | 1.81e-05 | 0.0 | 80.0 | -1.354e+04 | 4.076e+04 | -2687.09 | 0.0 | 0.0 | 0.0 |
| 80 | 398 | 0.0 | 4.724e+05 | -1.54e-03 | 0.0 | 0.0 | -3.674e+04 | 4.938e+04 | -5905.17 | 0.0 | 4.724e+05 | -3.950e+06 |
| | | -3.950e+06 | 0.0 | -1.42e-04 | 0.0 | 80.0 | -3.674e+04 | 4.938e+04 | -5905.17 | 0.0 | 0.0 | 0.0 |
| 80 | 399 | 0.0 | 1.902e+05 | -3.13e-03 | 0.0 | 0.0 | -2.562e+04 | 6.140e+04 | -2377.41 | 0.0 | 1.902e+05 | -4.912e+06 |
| | | -4.912e+06 | 0.0 | -1.05e-04 | 0.0 | 80.0 | -2.562e+04 | 6.140e+04 | -2377.41 | 0.0 | 0.0 | 0.0 |
| 80 | 402 | 0.0 | 1.656e+05 | -2.03e-03 | 0.0 | 0.0 | -1.611e+04 | 5.617e+04 | -2070.17 | 0.0 | 1.656e+05 | -4.493e+06 |
| | | -4.493e+06 | 0.0 | -8.32e-05 | 0.0 | 80.0 | -1.611e+04 | 5.617e+04 | -2070.17 | 0.0 | 0.0 | 0.0 |
| 80 | 407 | 0.0 | 1.407e+05 | -2.58e-04 | 0.0 | 0.0 | -1.355e+04 | 4.050e+04 | -1758.78 | 0.0 | 1.407e+05 | -3.240e+06 |
| | | -3.240e+06 | 0.0 | -3.05e-05 | 0.0 | 80.0 | -1.355e+04 | 4.050e+04 | -1758.78 | 0.0 | 0.0 | 0.0 |
| 80 | 419 | 3.81e-06 | 2.172e+05 | 3.23e-03 | 0.0 | 0.0 | -1.181e+04 | 2.318e+04 | -2715.25 | 0.0 | 2.172e+05 | -1.855e+06 |
| | | -1.855e+06 | 0.0 | 4.70e-05 | 0.0 | 80.0 | -1.181e+04 | 2.318e+04 | -2715.25 | 0.0 | 0.0 | 3.81e-06 |
| 80 | 420 | -3.67e-06 | 0.0 | -3.75e-03 | 0.0 | 0.0 | -1.533e+04 | 5.759e+04 | 231.91 | 0.0 | -1.855e+04 | -4.608e+06 |
| | | -4.608e+06 | -1.855e+04 | -1.58e-04 | 0.0 | 80.0 | -1.533e+04 | 5.759e+04 | 231.91 | 0.0 | 0.0 | -3.67e-06 |
| 80 | 421 | -3.08e-06 | 4.169e+05 | -3.75e-03 | 0.0 | 0.0 | -1.499e+04 | 5.854e+04 | -5210.63 | 0.0 | 4.169e+05 | -4.683e+06 |
| | | -4.683e+06 | 0.0 | 1.23e-04 | 0.0 | 80.0 | -1.499e+04 | 5.854e+04 | -5210.63 | 0.0 | 0.0 | -3.08e-06 |
| 80 | 423 | 3.73e-06 | 3.000e+05 | 3.24e-03 | 0.0 | 0.0 | -1.177e+04 | 2.340e+04 | -3749.47 | 0.0 | 3.000e+05 | -1.872e+06 |
| | | -1.872e+06 | 0.0 | 9.70e-05 | 0.0 | 80.0 | -1.177e+04 | 2.340e+04 | -3749.47 | 0.0 | 0.0 | 3.73e-06 |
| 80 | 433 | 1.83e-06 | 9.018e+05 | -1.29e-03 | 0.0 | 0.0 | -1.347e+04 | 4.727e+04 | -1.127e+04 | 0.0 | 9.018e+05 | -3.781e+06 |
| | | -3.781e+06 | 0.0 | 4.35e-04 | 0.0 | 80.0 | -1.347e+04 | 4.727e+04 | -1.127e+04 | 0.0 | 0.0 | 1.83e-06 |
| 80 | 434 | -1.77e-06 | 0.0 | 7.75e-04 | 0.0 | 0.0 | -1.363e+04 | 3.372e+04 | 7755.38 | 0.0 | -6.204e+05 | -2.698e+06 |
| | | -2.698e+06 | -6.204e+05 | -4.96e-04 | 0.0 | 80.0 | -1.363e+04 | 3.372e+04 | 7755.38 | 0.0 | 0.0 | -1.77e-06 |
| 80 | 452 | -1.80e-06 | 6.179e+04 | -2.03e-03 | 0.0 | 0.0 | -1.445e+04 | 4.904e+04 | -772.35 | 0.0 | 6.179e+04 | -3.923e+06 |
| | | -3.923e+06 | 0.0 | -9.38e-05 | 0.0 | 80.0 | -1.445e+04 | 4.904e+04 | -772.35 | 0.0 | 0.0 | -1.80e-06 |
| 80 | 453 | -1.51e-06 | 2.780e+05 | -2.02e-03 | 0.0 | 0.0 | -1.428e+04 | 4.951e+04 | -3474.65 | 0.0 | 2.780e+05 | -3.961e+06 |
| | | -3.961e+06 | 0.0 | 4.60e-05 | 0.0 | 80.0 | -1.428e+04 | 4.951e+04 | -3474.65 | 0.0 | 0.0 | -1.51e-06 |
| 80 | 455 | 1.86e-06 | 2.196e+05 | 1.51e-03 | 0.0 | 0.0 | -1.265e+04 | 3.195e+04 | -2745.20 | 0.0 | 2.196e+05 | -2.556e+06 |
| | | -2.556e+06 | 0.0 | 3.28e-05 | 0.0 | 80.0 | -1.265e+04 | 3.195e+04 | -2745.20 | 0.0 | 0.0 | 1.86e-06 |
| 80 | 462 | 2.24e-06 | 0.0 | 3.14e-04 | 0.0 | 0.0 | -1.355e+04 | 3.721e+04 | 788.57 | 0.0 | -6.309e+04 | -2.977e+06 |
| | | -2.977e+06 | -6.309e+04 | -1.79e-04 | 0.0 | 80.0 | -1.355e+04 | 3.721e+04 | 788.57 | 0.0 | 0.0 | 2.24e-06 |
| 80 | 465 | 0.0 | 5.187e+05 | -7.80e-04 | 0.0 | 0.0 | -1.352e+04 | 4.387e+04 | -6484.18 | 0.0 | 5.187e+05 | -3.510e+06 |
| | | -3.510e+06 | 0.0 | 2.00e-04 | 0.0 | 80.0 | -1.352e+04 | 4.387e+04 | -6484.18 | 0.0 | 0.0 | 0.0 |
| 80 | 466 | 0.0 | 0.0 | 2.64e-04 | 0.0 | 0.0 | -1.358e+04 | 3.712e+04 | 2966.62 | 0.0 | -2.373e+05 | -2.970e+06 |
| | | -2.970e+06 | -2.373e+05 | -2.61e-04 | 0.0 | 80.0 | -1.358e+04 | 3.712e+04 | 2966.62 | 0.0 | 0.0 | 0.0 |
| 83 | 18 | 4.411e+06 | 1.841e+05 | -8.18e-04 | 0.0 | 0.0 | -1.807e+04 | -5.514e+04 | -2300.65 | 0.0 | 1.841e+05 | 4.411e+06 |
| | | 0.0 | 0.0 | -2.84e-05 | 0.0 | 80.0 | -1.807e+04 | -5.514e+04 | -2300.65 | 0.0 | 0.0 | 0.0 |
| 83 | 49 | 9.111e+06 | 1.067e+05 | 0.01 | 0.0 | 0.0 | -5.083e+04 | -1.139e+05 | -1333.78 | 0.0 | 1.067e+05 | 9.111e+06 |
| | | 0.0 | 0.0 | -2.46e-04 | 0.0 | 80.0 | -5.083e+04 | -1.139e+05 | -1333.78 | 0.0 | 0.0 | 0.0 |
| 83 | 69 | 6.828e+06 | 0.0 | 3.51e-03 | 0.0 | 0.0 | -6.695e+04 | -8.535e+04 | 1322.95 | 0.0 | -1.058e+05 | 6.828e+06 |
| | | 0.0 | -1.058e+05 | -3.28e-04 | 0.0 | 80.0 | -6.695e+04 | -8.535e+04 | 1322.95 | 0.0 | 0.0 | 0.0 |
| 83 | 72 | 5.535e+06 | 0.0 | 3.59e-03 | 0.0 | 0.0 | -6.099e+04 | -6.919e+04 | 1808.50 | 0.0 | -1.447e+05 | 5.535e+06 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| | | 0.0 | -1.447e+05 | -3.31e-04 | 0.0 | 80.0 | -6.099e+04 | -6.919e+04 | 1808.50 | 0.0 | 0.0 | 0.0 |
| 83 | 108 | 5.399e+06 | 2.452e+05 | -3.57e-03 | 0.0 | 0.0 | -1.778e+04 | -6.749e+04 | -3065.24 | 0.0 | 2.452e+05 | 5.399e+06 |
| | | 0.0 | 0.0 | -1.16e-04 | 0.0 | 80.0 | -1.778e+04 | -6.749e+04 | -3065.24 | 0.0 | 0.0 | 0.0 |
| 83 | 109 | 8.480e+06 | 3.427e+05 | -5.01e-03 | 0.0 | 0.0 | -2.981e+04 | -1.060e+05 | -4283.60 | 0.0 | 3.427e+05 | 8.480e+06 |
| | | 0.0 | 0.0 | -2.19e-04 | 0.0 | 80.0 | -2.981e+04 | -1.060e+05 | -4283.60 | 0.0 | 0.0 | 0.0 |
| 83 | 269 | 4.161e+06 | 1.417e+05 | -7.22e-04 | 0.0 | 0.0 | -1.756e+04 | -5.201e+04 | -1771.36 | 0.0 | 1.417e+05 | 4.161e+06 |
| | | 0.0 | 0.0 | -5.16e-05 | 0.0 | 80.0 | -1.756e+04 | -5.201e+04 | -1771.36 | 0.0 | 0.0 | 0.0 |
| 83 | 285 | 6.739e+06 | 7.556e+04 | 8.98e-03 | 0.0 | 0.0 | -3.757e+04 | -8.424e+04 | -944.53 | 0.0 | 7.556e+04 | 6.739e+06 |
| | | 0.0 | 0.0 | -1.88e-04 | 0.0 | 80.0 | -3.757e+04 | -8.424e+04 | -944.53 | 0.0 | 0.0 | 0.0 |
| 83 | 295 | 5.048e+06 | 0.0 | 2.56e-03 | 0.0 | 0.0 | -4.951e+04 | -6.310e+04 | 1023.41 | 0.0 | -8.187e+04 | 5.048e+06 |
| | | 0.0 | -8.187e+04 | -2.49e-04 | 0.0 | 80.0 | -4.951e+04 | -6.310e+04 | 1023.41 | 0.0 | 0.0 | 0.0 |
| 83 | 296 | 5.011e+06 | 0.0 | 2.56e-03 | 0.0 | 0.0 | -4.938e+04 | -6.264e+04 | 1187.30 | 0.0 | -9.498e+04 | 5.011e+06 |
| | | 0.0 | -9.498e+04 | -2.66e-04 | 0.0 | 80.0 | -4.938e+04 | -6.264e+04 | 1187.30 | 0.0 | 0.0 | 0.0 |
| 83 | 314 | 4.914e+06 | 1.945e+05 | -2.75e-03 | 0.0 | 0.0 | -1.738e+04 | -6.143e+04 | -2430.72 | 0.0 | 1.945e+05 | 4.914e+06 |
| | | 0.0 | 0.0 | -1.06e-04 | 0.0 | 80.0 | -1.738e+04 | -6.143e+04 | -2430.72 | 0.0 | 0.0 | 0.0 |
| 83 | 315 | 6.272e+06 | 2.504e+05 | -3.75e-03 | 0.0 | 0.0 | -2.200e+04 | -7.840e+04 | -3129.58 | 0.0 | 2.504e+05 | 6.272e+06 |
| | | 0.0 | 0.0 | -1.69e-04 | 0.0 | 80.0 | -2.200e+04 | -7.840e+04 | -3129.58 | 0.0 | 0.0 | 0.0 |
| 83 | 391 | 3.248e+06 | 8.217e+04 | -2.24e-04 | 0.0 | 0.0 | -1.449e+04 | -4.060e+04 | -1027.17 | 0.0 | 8.217e+04 | 3.248e+06 |
| | | 0.0 | 0.0 | -5.34e-05 | 0.0 | 80.0 | -1.449e+04 | -4.060e+04 | -1027.17 | 0.0 | 0.0 | 0.0 |
| 83 | 392 | 3.173e+06 | 7.382e+04 | 1.27e-04 | 0.0 | 0.0 | -1.450e+04 | -3.966e+04 | -922.75 | 0.0 | 7.382e+04 | 3.173e+06 |
| | | 0.0 | 0.0 | -5.38e-05 | 0.0 | 80.0 | -1.450e+04 | -3.966e+04 | -922.75 | 0.0 | 0.0 | 0.0 |
| 83 | 396 | 5.313e+06 | 4.200e+04 | 6.44e-03 | 0.0 | 0.0 | -2.909e+04 | -6.641e+04 | -525.05 | 0.0 | 4.200e+04 | 5.313e+06 |
| | | 0.0 | 0.0 | -1.55e-04 | 0.0 | 80.0 | -2.909e+04 | -6.641e+04 | -525.05 | 0.0 | 0.0 | 0.0 |
| 83 | 397 | 4.044e+06 | 0.0 | 1.63e-03 | 0.0 | 0.0 | -3.805e+04 | -5.056e+04 | 950.91 | 0.0 | -7.607e+04 | 4.044e+06 |
| | | 0.0 | -7.607e+04 | -2.01e-04 | 0.0 | 80.0 | -3.805e+04 | -5.056e+04 | 950.91 | 0.0 | 0.0 | 0.0 |
| 83 | 399 | 4.962e+06 | 1.731e+05 | -3.11e-03 | 0.0 | 0.0 | -1.741e+04 | -6.203e+04 | -2163.84 | 0.0 | 1.731e+05 | 4.962e+06 |
| | | 0.0 | 0.0 | -1.41e-04 | 0.0 | 80.0 | -1.741e+04 | -6.203e+04 | -2163.84 | 0.0 | 0.0 | 0.0 |
| 83 | 407 | 3.248e+06 | 8.217e+04 | -2.24e-04 | 0.0 | 0.0 | -1.449e+04 | -4.060e+04 | -1027.17 | 0.0 | 8.217e+04 | 3.248e+06 |
| | | 0.0 | 0.0 | -5.34e-05 | 0.0 | 80.0 | -1.449e+04 | -4.060e+04 | -1027.17 | 0.0 | 0.0 | 0.0 |
| 83 | 420 | 4.453e+06 | 5.640e+04 | -3.72e-03 | 0.0 | 0.0 | -1.059e+04 | -5.566e+04 | -705.04 | 0.0 | 5.640e+04 | 4.453e+06 |
| | | -3.50e-06 | 0.0 | -2.07e-04 | 0.0 | 80.0 | -1.059e+04 | -5.566e+04 | -705.04 | 0.0 | 0.0 | -3.50e-06 |
| 83 | 421 | 4.761e+06 | 2.355e+05 | -3.70e-03 | 0.0 | 0.0 | -1.113e+04 | -5.951e+04 | -2943.86 | 0.0 | 2.355e+05 | 4.761e+06 |
| | | -3.71e-06 | 0.0 | 7.32e-05 | 0.0 | 80.0 | -1.113e+04 | -5.951e+04 | -2943.86 | 0.0 | 0.0 | -3.71e-06 |
| 83 | 423 | 2.044e+06 | 1.079e+05 | 3.27e-03 | 0.0 | 0.0 | -1.839e+04 | -2.555e+04 | -1349.29 | 0.0 | 1.079e+05 | 2.044e+06 |
| | | 3.52e-06 | 0.0 | 1.00e-04 | 0.0 | 80.0 | -1.839e+04 | -2.555e+04 | -1349.29 | 0.0 | 0.0 | 3.52e-06 |
| 83 | 437 | 4.170e+06 | 3.998e+05 | -1.24e-03 | 0.0 | 0.0 | -1.431e+04 | -5.212e+04 | -4997.72 | 0.0 | 3.998e+05 | 4.170e+06 |
| | | -1.43e-06 | 0.0 | 4.09e-04 | 0.0 | 80.0 | -1.431e+04 | -5.212e+04 | -4997.72 | 0.0 | 0.0 | -1.43e-06 |
| 83 | 438 | 2.327e+06 | 0.0 | 7.88e-04 | 0.0 | 0.0 | -1.467e+04 | -2.908e+04 | 2943.39 | 0.0 | -2.355e+05 | 2.327e+06 |
| | | 1.46e-06 | -2.355e+05 | -5.16e-04 | 0.0 | 80.0 | -1.467e+04 | -2.908e+04 | 2943.39 | 0.0 | 0.0 | 1.46e-06 |
| 83 | 449 | 3.978e+06 | 1.484e+05 | -1.99e-03 | 0.0 | 0.0 | -1.274e+04 | -4.972e+04 | -1854.88 | 0.0 | 1.484e+05 | 3.978e+06 |
| | | -1.96e-06 | 0.0 | -1.58e-05 | 0.0 | 80.0 | -1.274e+04 | -4.972e+04 | -1854.88 | 0.0 | 0.0 | -1.96e-06 |
| 83 | 452 | 3.851e+06 | 6.963e+04 | -1.99e-03 | 0.0 | 0.0 | -1.251e+04 | -4.814e+04 | -870.35 | 0.0 | 6.963e+04 | 3.851e+06 |
| | | -1.71e-06 | 0.0 | -1.30e-04 | 0.0 | 80.0 | -1.251e+04 | -4.814e+04 | -870.35 | 0.0 | 0.0 | -1.71e-06 |
| 83 | 453 | 4.004e+06 | 1.585e+05 | -1.98e-03 | 0.0 | 0.0 | -1.278e+04 | -5.005e+04 | -1980.72 | 0.0 | 1.585e+05 | 4.004e+06 |
| | | -1.82e-06 | 0.0 | 9.43e-06 | 0.0 | 80.0 | -1.278e+04 | -5.005e+04 | -1980.72 | 0.0 | 0.0 | -1.82e-06 |
| 83 | 455 | 2.646e+06 | 9.472e+04 | 1.54e-03 | 0.0 | 0.0 | -1.647e+04 | -3.307e+04 | -1183.99 | 0.0 | 9.472e+04 | 2.646e+06 |
| | | 1.74e-06 | 0.0 | 2.28e-05 | 0.0 | 80.0 | -1.647e+04 | -3.307e+04 | -1183.99 | 0.0 | 0.0 | 1.74e-06 |
| 83 | 469 | 3.707e+06 | 2.398e+05 | -7.36e-04 | 0.0 | 0.0 | -1.438e+04 | -4.634e+04 | -2997.31 | 0.0 | 2.398e+05 | 3.707e+06 |
| | | 0.0 | 0.0 | 1.76e-04 | 0.0 | 80.0 | -1.438e+04 | -4.634e+04 | -2997.31 | 0.0 | 0.0 | 0.0 |
| 83 | 470 | 2.790e+06 | 0.0 | 2.88e-04 | 0.0 | 0.0 | -1.459e+04 | -3.487e+04 | 942.98 | 0.0 | -7.544e+04 | 2.790e+06 |
| | | 0.0 | -7.544e+04 | -2.83e-04 | 0.0 | 80.0 | -1.459e+04 | -3.487e+04 | 942.98 | 0.0 | 0.0 | 0.0 |
| 84 | 49 | 0.0 | 3.630e+05 | 0.01 | 0.0 | 0.0 | -2.975e+04 | 1.060e+05 | -4537.62 | 0.0 | 3.630e+05 | -8.480e+06 |
| | | -8.480e+06 | 0.0 | -2.40e-04 | 0.0 | 80.0 | -2.975e+04 | 1.060e+05 | -4537.62 | 0.0 | 0.0 | 0.0 |
| 84 | 89 | 0.0 | 0.0 | -2.25e-03 | 0.0 | 0.0 | -6.684e+04 | 8.585e+04 | 1106.87 | 0.0 | -8.855e+04 | -6.868e+06 |
| | | -6.868e+06 | -8.855e+04 | -3.25e-04 | 0.0 | 80.0 | -6.684e+04 | 8.585e+04 | 1106.87 | 0.0 | 0.0 | 0.0 |
| 84 | 92 | 0.0 | 0.0 | -2.15e-03 | 0.0 | 0.0 | -6.090e+04 | 6.961e+04 | 1614.85 | 0.0 | -1.292e+05 | -5.569e+06 |
| | | -5.569e+06 | -1.292e+05 | -3.28e-04 | 0.0 | 80.0 | -6.090e+04 | 6.961e+04 | 1614.85 | 0.0 | 0.0 | 0.0 |
| 84 | 109 | 0.0 | 1.278e+05 | -5.10e-03 | 0.0 | 0.0 | -5.075e+04 | 1.085e+05 | -1597.37 | 0.0 | 1.278e+05 | -8.677e+06 |
| | | -8.677e+06 | 0.0 | -2.24e-04 | 0.0 | 80.0 | -5.075e+04 | 1.085e+05 | -1597.37 | 0.0 | 0.0 | 0.0 |
| 84 | 148 | 0.0 | 1.475e+05 | -1.29e-04 | 0.0 | 0.0 | -1.773e+04 | 5.084e+04 | -1844.35 | 0.0 | 1.475e+05 | -4.067e+06 |
| | | -4.067e+06 | 0.0 | -6.53e-05 | 0.0 | 80.0 | -1.773e+04 | 5.084e+04 | -1844.35 | 0.0 | 0.0 | 0.0 |
| 84 | 285 | 0.0 | 2.645e+05 | 8.91e-03 | 0.0 | 0.0 | -2.196e+04 | 7.843e+04 | -3306.34 | 0.0 | 2.645e+05 | -6.274e+06 |
| | | -6.274e+06 | 0.0 | -1.84e-04 | 0.0 | 80.0 | -2.196e+04 | 7.843e+04 | -3306.34 | 0.0 | 0.0 | 0.0 |
| 84 | 305 | 0.0 | 0.0 | -1.71e-03 | 0.0 | 0.0 | -4.943e+04 | 6.350e+04 | 874.76 | 0.0 | -6.998e+04 | -5.080e+06 |
| | | -5.080e+06 | -6.998e+04 | -2.47e-04 | 0.0 | 80.0 | -4.943e+04 | 6.350e+04 | 874.76 | 0.0 | 0.0 | 0.0 |
| 84 | 306 | 0.0 | 0.0 | -1.71e-03 | 0.0 | 0.0 | -4.931e+04 | 6.303e+04 | 1048.11 | 0.0 | -8.385e+04 | -5.042e+06 |
| | | -5.042e+06 | -8.385e+04 | -2.63e-04 | 0.0 | 80.0 | -4.931e+04 | 6.303e+04 | 1048.11 | 0.0 | 0.0 | 0.0 |
| 84 | 315 | 0.0 | 9.027e+04 | -3.82e-03 | 0.0 | 0.0 | -3.751e+04 | 8.025e+04 | -1128.38 | 0.0 | 9.027e+04 | -6.420e+06 |
| | | -6.420e+06 | 0.0 | -1.72e-04 | 0.0 | 80.0 | -3.751e+04 | 8.025e+04 | -1128.38 | 0.0 | 0.0 | 0.0 |
| 84 | 334 | 0.0 | 1.216e+05 | -2.09e-04 | 0.0 | 0.0 | -1.733e+04 | 4.914e+04 | -1519.88 | 0.0 | 1.216e+05 | -3.931e+06 |
| | | -3.931e+06 | 0.0 | -6.82e-05 | 0.0 | 80.0 | -1.733e+04 | 4.914e+04 | -1519.88 | 0.0 | 0.0 | 0.0 |
| 84 | 391 | 0.0 | 8.354e+04 | -2.59e-04 | 0.0 | 0.0 | -1.443e+04 | 4.079e+04 | -1044.19 | 0.0 | 8.354e+04 | -3.263e+06 |
| | | -3.263e+06 | 0.0 | -5.34e-05 | 0.0 | 80.0 | -1.443e+04 | 4.079e+04 | -1044.19 | 0.0 | 0.0 | 0.0 |
| 84 | 396 | 0.0 | 1.793e+05 | 6.38e-03 | 0.0 | 0.0 | -1.737e+04 | 6.226e+04 | -2241.47 | 0.0 | 1.793e+05 | -4.981e+06 |
| | | -4.981e+06 | 0.0 | -1.52e-04 | 0.0 | 80.0 | -1.737e+04 | 6.226e+04 | -2241.47 | 0.0 | 0.0 | 0.0 |
| 84 | 398 | 0.0 | 0.0 | -1.58e-03 | 0.0 | 0.0 | -3.797e+04 | 5.106e+04 | 894.36 | 0.0 | -7.155e+04 | -4.085e+06 |
| | | -4.085e+06 | -7.155e+04 | -1.99e-04 | 0.0 | 80.0 | -3.797e+04 | 5.106e+04 | 894.36 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| 84 | 399 | 0.0 | 4.864e+04 | -3.16e-03 | 0.0 | 0.0 | -2.904e+04 | 6.363e+04 | -608.00 | 0.0 | 4.864e+04 | -5.090e+06 |
| | | -5.090e+06 | 0.0 | -1.44e-04 | 0.0 | 80.0 | -2.904e+04 | 6.363e+04 | -608.00 | 0.0 | 0.0 | 0.0 |
| 84 | 407 | 0.0 | 8.354e+04 | -2.59e-04 | 0.0 | 0.0 | -1.443e+04 | 4.079e+04 | -1044.19 | 0.0 | 8.354e+04 | -3.263e+06 |
| | | -3.263e+06 | 0.0 | -5.34e-05 | 0.0 | 80.0 | -1.443e+04 | 4.079e+04 | -1044.19 | 0.0 | 0.0 | 0.0 |
| 84 | 416 | -4.27e-06 | 3.038e+04 | -3.76e-03 | 0.0 | 0.0 | -1.242e+04 | 5.719e+04 | -379.76 | 0.0 | 3.038e+04 | -4.576e+06 |
| | | -4.576e+06 | 0.0 | -1.30e-04 | 0.0 | 80.0 | -1.242e+04 | 5.719e+04 | -379.76 | 0.0 | 0.0 | -4.27e-06 |
| 84 | 419 | 4.12e-06 | 1.367e+05 | 3.24e-03 | 0.0 | 0.0 | -1.644e+04 | 2.439e+04 | -1708.63 | 0.0 | 1.367e+05 | -1.951e+06 |
| | | -1.951e+06 | 0.0 | 2.30e-05 | 0.0 | 80.0 | -1.644e+04 | 2.439e+04 | -1708.63 | 0.0 | 0.0 | 4.12e-06 |
| 84 | 421 | -3.61e-06 | 2.315e+05 | -3.75e-03 | 0.0 | 0.0 | -1.301e+04 | 6.064e+04 | -2893.78 | 0.0 | 2.315e+05 | -4.851e+06 |
| | | -4.851e+06 | 0.0 | 1.02e-04 | 0.0 | 80.0 | -1.301e+04 | 6.064e+04 | -2893.78 | 0.0 | 0.0 | -3.61e-06 |
| 84 | 423 | 4.35e-06 | 1.847e+05 | 3.25e-03 | 0.0 | 0.0 | -1.635e+04 | 2.500e+04 | -2309.37 | 0.0 | 1.847e+05 | -2.000e+06 |
| | | -2.000e+06 | 0.0 | 7.28e-05 | 0.0 | 80.0 | -1.635e+04 | 2.500e+04 | -2309.37 | 0.0 | 0.0 | 4.35e-06 |
| 84 | 433 | 0.0 | 5.166e+05 | -1.28e-03 | 0.0 | 0.0 | -1.478e+04 | 5.277e+04 | -6456.94 | 0.0 | 5.166e+05 | -4.222e+06 |
| | | -4.222e+06 | 0.0 | 4.12e-04 | 0.0 | 80.0 | -1.478e+04 | 5.277e+04 | -6456.94 | 0.0 | 0.0 | 0.0 |
| 84 | 434 | 0.0 | 0.0 | 7.60e-04 | 0.0 | 0.0 | -1.408e+04 | 2.881e+04 | 4368.55 | 0.0 | -3.495e+05 | -2.305e+06 |
| | | -2.305e+06 | -3.495e+05 | -5.18e-04 | 0.0 | 80.0 | -1.408e+04 | 2.881e+04 | 4368.55 | 0.0 | 0.0 | 0.0 |
| 84 | 448 | -2.52e-06 | 6.229e+04 | -2.02e-03 | 0.0 | 0.0 | -1.344e+04 | 4.903e+04 | -778.66 | 0.0 | 6.229e+04 | -3.923e+06 |
| | | -3.923e+06 | 0.0 | -9.01e-05 | 0.0 | 80.0 | -1.344e+04 | 4.903e+04 | -778.66 | 0.0 | 0.0 | -2.52e-06 |
| 84 | 451 | 2.37e-06 | 1.048e+05 | 1.51e-03 | 0.0 | 0.0 | -1.542e+04 | 3.255e+04 | -1309.73 | 0.0 | 1.048e+05 | -2.604e+06 |
| | | -2.604e+06 | 0.0 | -1.66e-05 | 0.0 | 80.0 | -1.542e+04 | 3.255e+04 | -1309.73 | 0.0 | 0.0 | 2.37e-06 |
| 84 | 453 | -1.84e-06 | 1.571e+05 | -2.02e-03 | 0.0 | 0.0 | -1.371e+04 | 5.070e+04 | -1963.84 | 0.0 | 1.571e+05 | -4.056e+06 |
| | | -4.056e+06 | 0.0 | 2.37e-05 | 0.0 | 80.0 | -1.371e+04 | 5.070e+04 | -1963.84 | 0.0 | 0.0 | -1.84e-06 |
| 84 | 465 | 0.0 | 2.986e+05 | -7.74e-04 | 0.0 | 0.0 | -1.459e+04 | 4.675e+04 | -3732.39 | 0.0 | 2.986e+05 | -3.740e+06 |
| | | -3.740e+06 | 0.0 | 1.77e-04 | 0.0 | 80.0 | -1.459e+04 | 4.675e+04 | -3732.39 | 0.0 | 0.0 | 0.0 |
| 84 | 466 | 0.0 | 0.0 | 2.57e-04 | 0.0 | 0.0 | -1.426e+04 | 3.483e+04 | 1644.00 | 0.0 | -1.315e+05 | -2.786e+06 |
| | | -2.786e+06 | -1.315e+05 | -2.84e-04 | 0.0 | 80.0 | -1.426e+04 | 3.483e+04 | 1644.00 | 0.0 | 0.0 | 0.0 |
| 99 | 46 | 4.550e+06 | 0.0 | 5.83e-03 | 0.0 | 0.0 | -1.466e+04 | -5.688e+04 | 1294.33 | 0.0 | -1.035e+05 | 4.550e+06 |
| | | 0.0 | -1.035e+05 | 8.48e-05 | 0.0 | 80.0 | -1.466e+04 | -5.688e+04 | 1294.33 | 0.0 | 0.0 | 0.0 |
| 99 | 51 | 6.833e+06 | 0.0 | 7.48e-03 | 0.0 | 0.0 | -2.196e+04 | -8.541e+04 | 2767.87 | 0.0 | -2.214e+05 | 6.833e+06 |
| | | 0.0 | -2.214e+05 | -5.11e-06 | 0.0 | 80.0 | -2.196e+04 | -8.541e+04 | 2767.87 | 0.0 | 0.0 | 0.0 |
| 99 | 52 | 5.585e+06 | 0.0 | 7.55e-03 | 0.0 | 0.0 | -1.619e+04 | -6.981e+04 | 2575.13 | 0.0 | -2.060e+05 | 5.585e+06 |
| | | 0.0 | -2.060e+05 | -2.68e-05 | 0.0 | 80.0 | -1.619e+04 | -6.981e+04 | 2575.13 | 0.0 | 0.0 | 0.0 |
| 99 | 131 | 5.306e+06 | 1.434e+05 | 3.49e-03 | 0.0 | 0.0 | -4.602e+04 | -6.632e+04 | -1792.80 | 0.0 | 1.434e+05 | 5.306e+06 |
| | | 0.0 | 0.0 | -1.99e-05 | 0.0 | 80.0 | -4.602e+04 | -6.632e+04 | -1792.80 | 0.0 | 0.0 | 0.0 |
| 99 | 134 | 3.393e+06 | 1.840e+05 | 2.84e-03 | 0.0 | 0.0 | -3.267e+04 | -4.241e+04 | -2299.63 | 0.0 | 1.840e+05 | 3.393e+06 |
| | | 0.0 | 0.0 | 9.01e-05 | 0.0 | 80.0 | -3.267e+04 | -4.241e+04 | -2299.63 | 0.0 | 0.0 | 0.0 |
| 99 | 283 | 4.300e+06 | 0.0 | 4.22e-03 | 0.0 | 0.0 | -1.507e+04 | -5.375e+04 | 1196.59 | 0.0 | -9.573e+04 | 4.300e+06 |
| | | 0.0 | -9.573e+04 | 7.10e-05 | 0.0 | 80.0 | -1.507e+04 | -5.375e+04 | 1196.59 | 0.0 | 0.0 | 0.0 |
| 99 | 286 | 5.059e+06 | 0.0 | 5.48e-03 | 0.0 | 0.0 | -1.619e+04 | -6.323e+04 | 2117.37 | 0.0 | -1.694e+05 | 5.059e+06 |
| | | 0.0 | -1.694e+05 | -9.03e-06 | 0.0 | 80.0 | -1.619e+04 | -6.323e+04 | 2117.37 | 0.0 | 0.0 | 0.0 |
| 99 | 326 | 3.927e+06 | 1.009e+05 | 2.53e-03 | 0.0 | 0.0 | -3.401e+04 | -4.909e+04 | -1260.91 | 0.0 | 1.009e+05 | 3.927e+06 |
| | | 0.0 | 0.0 | -2.00e-05 | 0.0 | 80.0 | -3.401e+04 | -4.909e+04 | -1260.91 | 0.0 | 0.0 | 0.0 |
| 99 | 327 | 3.442e+06 | 1.169e+05 | 2.00e-03 | 0.0 | 0.0 | -2.845e+04 | -4.302e+04 | -1460.73 | 0.0 | 1.169e+05 | 3.442e+06 |
| | | 0.0 | 0.0 | 7.39e-05 | 0.0 | 80.0 | -2.845e+04 | -4.302e+04 | -1460.73 | 0.0 | 0.0 | 0.0 |
| 99 | 393 | 3.210e+06 | 0.0 | -1.74e-04 | 0.0 | 0.0 | -1.450e+04 | -4.013e+04 | 371.11 | 0.0 | -2.969e+04 | 3.210e+06 |
| | | 0.0 | -2.969e+04 | 1.04e-04 | 0.0 | 80.0 | -1.450e+04 | -4.013e+04 | 371.11 | 0.0 | 0.0 | 0.0 |
| 99 | 396 | 4.412e+06 | 0.0 | 3.71e-03 | 0.0 | 0.0 | -1.511e+04 | -5.515e+04 | 1905.31 | 0.0 | -1.524e+05 | 4.412e+06 |
| | | 0.0 | -1.524e+05 | 5.04e-06 | 0.0 | 80.0 | -1.511e+04 | -5.515e+04 | 1905.31 | 0.0 | 0.0 | 0.0 |
| 99 | 400 | 3.563e+06 | 5.027e+04 | 1.50e-03 | 0.0 | 0.0 | -2.847e+04 | -4.454e+04 | -628.39 | 0.0 | 5.027e+04 | 3.563e+06 |
| | | 0.0 | 0.0 | -3.17e-06 | 0.0 | 80.0 | -2.847e+04 | -4.454e+04 | -628.39 | 0.0 | 0.0 | 0.0 |
| 99 | 407 | 3.278e+06 | 0.0 | -1.74e-04 | 0.0 | 0.0 | -1.450e+04 | -4.098e+04 | 896.24 | 0.0 | -7.170e+04 | 3.278e+06 |
| | | 0.0 | -7.170e+04 | 5.33e-05 | 0.0 | 80.0 | -1.450e+04 | -4.098e+04 | 896.24 | 0.0 | 0.0 | 0.0 |
| 99 | 409 | 3.639e+06 | 0.0 | -5.43e-03 | 0.0 | 0.0 | -1.246e+04 | -4.549e+04 | 450.91 | 0.0 | -3.607e+04 | 3.639e+06 |
| | | 6.84e-06 | -3.607e+04 | 1.82e-04 | 0.0 | 80.0 | -1.246e+04 | -4.549e+04 | 450.91 | 0.0 | 0.0 | 6.84e-06 |
| 99 | 410 | 2.917e+06 | 0.0 | 5.08e-03 | 0.0 | 0.0 | -1.654e+04 | -3.647e+04 | 1341.57 | 0.0 | -1.073e+05 | 2.917e+06 |
| | | -6.82e-06 | -1.073e+05 | -7.53e-05 | 0.0 | 80.0 | -1.654e+04 | -3.647e+04 | 1341.57 | 0.0 | 0.0 | -6.82e-06 |
| 99 | 415 | 2.595e+06 | 1.019e+05 | 5.10e-03 | 0.0 | 0.0 | -1.595e+04 | -3.243e+04 | -1273.58 | 0.0 | 1.019e+05 | 2.595e+06 |
| | | -7.46e-06 | 0.0 | 1.93e-04 | 0.0 | 80.0 | -1.595e+04 | -3.243e+04 | -1273.58 | 0.0 | 0.0 | -7.46e-06 |
| 99 | 432 | 4.023e+06 | 0.0 | -1.77e-03 | 0.0 | 0.0 | -1.494e+04 | -5.028e+04 | 6186.59 | 0.0 | -4.949e+05 | 4.023e+06 |
| | | 5.43e-06 | -4.949e+05 | -4.31e-04 | 0.0 | 80.0 | -1.494e+04 | -5.028e+04 | 6186.59 | 0.0 | 0.0 | 5.43e-06 |
| 99 | 435 | 2.534e+06 | 3.515e+05 | 1.42e-03 | 0.0 | 0.0 | -1.406e+04 | -3.167e+04 | -4394.11 | 0.0 | 3.515e+05 | 2.534e+06 |
| | | -5.42e-06 | 0.0 | 5.37e-04 | 0.0 | 80.0 | -1.406e+04 | -3.167e+04 | -4394.11 | 0.0 | 0.0 | -5.42e-06 |
| 99 | 436 | 4.029e+06 | 0.0 | -1.77e-03 | 0.0 | 0.0 | -1.496e+04 | -5.037e+04 | 6069.35 | 0.0 | -4.855e+05 | 4.029e+06 |
| | | 2.66e-06 | -4.855e+05 | -4.35e-04 | 0.0 | 80.0 | -1.496e+04 | -5.037e+04 | 6069.35 | 0.0 | 0.0 | 2.66e-06 |
| 99 | 445 | 3.443e+06 | 0.0 | -2.83e-03 | 0.0 | 0.0 | -1.348e+04 | -4.304e+04 | 456.80 | 0.0 | -3.654e+04 | 3.443e+06 |
| | | 2.64e-06 | -3.654e+04 | 1.29e-04 | 0.0 | 80.0 | -1.348e+04 | -4.304e+04 | 456.80 | 0.0 | 0.0 | 2.64e-06 |
| 99 | 446 | 3.114e+06 | 0.0 | 2.48e-03 | 0.0 | 0.0 | -1.553e+04 | -3.892e+04 | 1335.69 | 0.0 | -1.069e+05 | 3.114e+06 |
| | | -2.63e-06 | -1.069e+05 | -2.23e-05 | 0.0 | 80.0 | -1.553e+04 | -3.892e+04 | 1335.69 | 0.0 | 0.0 | -2.63e-06 |
| 99 | 447 | 2.937e+06 | 1.465e+04 | 2.49e-03 | 0.0 | 0.0 | -1.524e+04 | -3.671e+04 | -183.08 | 0.0 | 1.465e+04 | 2.937e+06 |
| | | -3.66e-06 | 0.0 | 1.23e-04 | 0.0 | 80.0 | -1.524e+04 | -3.671e+04 | -183.08 | 0.0 | 0.0 | -3.66e-06 |
| 99 | 464 | 3.648e+06 | 0.0 | -9.77e-04 | 0.0 | 0.0 | -1.471e+04 | -4.560e+04 | 3523.50 | 0.0 | -2.819e+05 | 3.648e+06 |
| | | 2.67e-06 | -2.819e+05 | -1.87e-04 | 0.0 | 80.0 | -1.471e+04 | -4.560e+04 | 3523.50 | 0.0 | 0.0 | 2.67e-06 |
| 99 | 467 | 2.908e+06 | 1.385e+05 | 6.30e-04 | 0.0 | 0.0 | -1.429e+04 | -3.635e+04 | -1731.02 | 0.0 | 1.385e+05 | 2.908e+06 |
| | | -2.66e-06 | 0.0 | 2.94e-04 | 0.0 | 80.0 | -1.429e+04 | -3.635e+04 | -1731.02 | 0.0 | 0.0 | -2.66e-06 |
| 99 | 468 | 3.652e+06 | 0.0 | -9.77e-04 | 0.0 | 0.0 | -1.472e+04 | -4.564e+04 | 3464.99 | 0.0 | -2.772e+05 | 3.652e+06 |
| | | 1.30e-06 | -2.772e+05 | -1.89e-04 | 0.0 | 80.0 | -1.472e+04 | -4.564e+04 | 3464.99 | 0.0 | 0.0 | 1.30e-06 |
| 100 | 151 | 0.0 | 2.580e+04 | -1.35e-03 | 0.0 | 0.0 | -3.714e+04 | 6.599e+04 | -322.49 | 0.0 | 2.580e+04 | -5.279e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| | | -5.279e+06 | 0.0 | -1.20e-05 | 0.0 | 80.0 | -3.714e+04 | 6.599e+04 | -322.49 | 0.0 | 0.0 | 0.0 |
| 100 | 154 | 0.0 | 9.370e+04 | -7.77e-04 | 0.0 | 0.0 | -2.603e+04 | 4.199e+04 | -1171.31 | 0.0 | 9.370e+04 | -3.359e+06 |
| | | -3.359e+06 | 0.0 | 9.59e-05 | 0.0 | 80.0 | -2.603e+04 | 4.199e+04 | -1171.31 | 0.0 | 0.0 | 0.0 |
| 100 | 206 | 0.0 | 0.0 | -2.89e-03 | 0.0 | 0.0 | -1.468e+04 | 5.304e+04 | 1324.34 | 0.0 | -1.059e+05 | -4.244e+06 |
| | | -4.244e+06 | -1.059e+05 | 8.39e-05 | 0.0 | 80.0 | -1.468e+04 | 5.304e+04 | 1324.34 | 0.0 | 0.0 | 0.0 |
| 100 | 211 | 0.0 | 0.0 | -4.18e-03 | 0.0 | 0.0 | -2.198e+04 | 8.053e+04 | 2773.30 | 0.0 | -2.219e+05 | -6.442e+06 |
| | | -6.442e+06 | -2.219e+05 | -6.31e-06 | 0.0 | 80.0 | -2.198e+04 | 8.053e+04 | 2773.30 | 0.0 | 0.0 | 0.0 |
| 100 | 230 | 1.27e-06 | 0.0 | -3.88e-03 | 0.0 | 0.0 | -1.604e+04 | 6.338e+04 | 2157.49 | 0.0 | -1.726e+05 | -5.070e+06 |
| | | -5.070e+06 | -1.726e+05 | 4.96e-06 | 0.0 | 80.0 | -1.604e+04 | 6.338e+04 | 2157.49 | 0.0 | 0.0 | 1.27e-06 |
| 100 | 336 | 0.0 | 1.446e+04 | -1.06e-03 | 0.0 | 0.0 | -2.743e+04 | 4.889e+04 | -180.72 | 0.0 | 1.446e+04 | -3.911e+06 |
| | | -3.911e+06 | 0.0 | -1.41e-05 | 0.0 | 80.0 | -2.743e+04 | 4.889e+04 | -180.72 | 0.0 | 0.0 | 0.0 |
| 100 | 337 | 0.0 | 4.988e+04 | -6.95e-04 | 0.0 | 0.0 | -2.352e+04 | 4.279e+04 | -623.50 | 0.0 | 4.988e+04 | -3.423e+06 |
| | | -3.423e+06 | 0.0 | 7.82e-05 | 0.0 | 80.0 | -2.352e+04 | 4.279e+04 | -623.50 | 0.0 | 0.0 | 0.0 |
| 100 | 363 | 0.0 | 0.0 | -2.26e-03 | 0.0 | 0.0 | -1.508e+04 | 5.099e+04 | 1218.38 | 0.0 | -9.747e+04 | -4.080e+06 |
| | | -4.080e+06 | -9.747e+04 | 7.02e-05 | 0.0 | 80.0 | -1.508e+04 | 5.099e+04 | 1218.38 | 0.0 | 0.0 | 0.0 |
| 100 | 366 | 0.0 | 0.0 | -3.15e-03 | 0.0 | 0.0 | -1.621e+04 | 5.966e+04 | 2112.46 | 0.0 | -1.690e+05 | -4.773e+06 |
| | | -4.773e+06 | -1.690e+05 | -9.91e-06 | 0.0 | 80.0 | -1.621e+04 | 5.966e+04 | 2112.46 | 0.0 | 0.0 | 0.0 |
| 100 | 375 | 0.0 | 0.0 | -2.99e-03 | 0.0 | 0.0 | -1.609e+04 | 5.861e+04 | 1828.39 | 0.0 | -1.463e+05 | -4.689e+06 |
| | | -4.689e+06 | -1.463e+05 | 1.25e-05 | 0.0 | 80.0 | -1.609e+04 | 5.861e+04 | 1828.39 | 0.0 | 0.0 | 0.0 |
| 100 | 393 | 0.0 | 0.0 | -2.09e-04 | 0.0 | 0.0 | -1.449e+04 | 4.027e+04 | 410.16 | 0.0 | -3.281e+04 | -3.222e+06 |
| | | -3.222e+06 | -3.281e+04 | 1.04e-04 | 0.0 | 80.0 | -1.449e+04 | 4.027e+04 | 410.16 | 0.0 | 0.0 | 0.0 |
| 100 | 401 | 0.0 | 0.0 | -1.20e-03 | 0.0 | 0.0 | -2.354e+04 | 4.469e+04 | 128.02 | 0.0 | -1.024e+04 | -3.575e+06 |
| | | -3.575e+06 | -1.024e+04 | 1.34e-06 | 0.0 | 80.0 | -2.354e+04 | 4.469e+04 | 128.02 | 0.0 | 0.0 | 0.0 |
| 100 | 404 | 0.0 | 0.0 | -2.77e-03 | 0.0 | 0.0 | -1.512e+04 | 5.277e+04 | 1847.90 | 0.0 | -1.478e+05 | -4.222e+06 |
| | | -4.222e+06 | -1.478e+05 | 4.49e-06 | 0.0 | 80.0 | -1.512e+04 | 5.277e+04 | 1847.90 | 0.0 | 0.0 | 0.0 |
| 100 | 405 | 0.0 | 0.0 | -2.65e-03 | 0.0 | 0.0 | -1.512e+04 | 5.237e+04 | 1771.28 | 0.0 | -1.417e+05 | -4.190e+06 |
| | | -4.190e+06 | -1.417e+05 | 8.06e-06 | 0.0 | 80.0 | -1.512e+04 | 5.237e+04 | 1771.28 | 0.0 | 0.0 | 0.0 |
| 100 | 407 | 0.0 | 0.0 | -2.09e-04 | 0.0 | 0.0 | -1.450e+04 | 4.112e+04 | 928.04 | 0.0 | -7.424e+04 | -3.290e+06 |
| | | -3.290e+06 | -7.424e+04 | 5.32e-05 | 0.0 | 80.0 | -1.450e+04 | 4.112e+04 | 928.04 | 0.0 | 0.0 | 0.0 |
| 100 | 412 | -3.80e-06 | 0.0 | -5.49e-03 | 0.0 | 0.0 | -1.404e+04 | 5.086e+04 | 1784.87 | 0.0 | -1.428e+05 | -4.069e+06 |
| | | -4.069e+06 | -1.428e+05 | -9.69e-05 | 0.0 | 80.0 | -1.404e+04 | 5.086e+04 | 1784.87 | 0.0 | 0.0 | -3.80e-06 |
| 100 | 425 | 1.25e-06 | 2.382e+05 | -1.75e-03 | 0.0 | 0.0 | -1.286e+04 | 3.717e+04 | -2977.96 | 0.0 | 2.382e+05 | -2.974e+06 |
| | | -2.974e+06 | 0.0 | 4.59e-04 | 0.0 | 80.0 | -1.286e+04 | 3.717e+04 | -2977.96 | 0.0 | 0.0 | 1.25e-06 |
| 100 | 426 | -1.27e-06 | 0.0 | 1.33e-03 | 0.0 | 0.0 | -1.613e+04 | 4.507e+04 | 4834.03 | 0.0 | -3.867e+05 | -3.606e+06 |
| | | -3.606e+06 | -3.867e+05 | -3.52e-04 | 0.0 | 80.0 | -1.613e+04 | 4.507e+04 | 4834.03 | 0.0 | 0.0 | -1.27e-06 |
| 100 | 428 | 0.0 | 0.0 | -1.83e-03 | 0.0 | 0.0 | -1.569e+04 | 4.947e+04 | 4851.84 | 0.0 | -3.881e+05 | -3.958e+06 |
| | | -3.958e+06 | -3.881e+05 | -3.52e-04 | 0.0 | 80.0 | -1.569e+04 | 4.947e+04 | 4851.84 | 0.0 | 0.0 | 0.0 |
| 100 | 431 | 0.0 | 2.397e+05 | 1.41e-03 | 0.0 | 0.0 | -1.330e+04 | 3.277e+04 | -2995.77 | 0.0 | 2.397e+05 | -2.621e+06 |
| | | -2.621e+06 | 0.0 | 4.58e-04 | 0.0 | 80.0 | -1.330e+04 | 3.277e+04 | -2995.77 | 0.0 | 0.0 | 0.0 |
| 100 | 437 | 5.83e-06 | 2.149e+05 | -1.78e-03 | 0.0 | 0.0 | -1.335e+04 | 3.597e+04 | -2686.86 | 0.0 | 2.149e+05 | -2.878e+06 |
| | | -2.878e+06 | 0.0 | 5.38e-04 | 0.0 | 80.0 | -1.335e+04 | 3.597e+04 | -2686.86 | 0.0 | 0.0 | 5.83e-06 |
| 100 | 444 | -1.89e-06 | 0.0 | -2.87e-03 | 0.0 | 0.0 | -1.426e+04 | 4.599e+04 | 1352.06 | 0.0 | -1.082e+05 | -3.679e+06 |
| | | -3.679e+06 | -1.082e+05 | -2.13e-05 | 0.0 | 80.0 | -1.426e+04 | 4.599e+04 | 1352.06 | 0.0 | 0.0 | -1.89e-06 |
| 100 | 457 | -1.52e-06 | 5.373e+04 | -9.85e-04 | 0.0 | 0.0 | -1.377e+04 | 3.928e+04 | -671.67 | 0.0 | 5.373e+04 | -3.142e+06 |
| | | -3.142e+06 | 0.0 | 2.20e-04 | 0.0 | 80.0 | -1.377e+04 | 3.928e+04 | -671.67 | 0.0 | 0.0 | -1.52e-06 |
| 100 | 458 | 1.50e-06 | 0.0 | 5.67e-04 | 0.0 | 0.0 | -1.523e+04 | 4.296e+04 | 2527.74 | 0.0 | -2.022e+05 | -3.437e+06 |
| | | -3.437e+06 | -2.022e+05 | -1.13e-04 | 0.0 | 80.0 | -1.523e+04 | 4.296e+04 | 2527.74 | 0.0 | 0.0 | 1.50e-06 |
| 100 | 468 | -1.69e-06 | 0.0 | -1.01e-03 | 0.0 | 0.0 | -1.485e+04 | 4.580e+04 | 2816.47 | 0.0 | -2.253e+05 | -3.664e+06 |
| | | -3.664e+06 | -2.253e+05 | -1.86e-04 | 0.0 | 80.0 | -1.485e+04 | 4.580e+04 | 2816.47 | 0.0 | 0.0 | -1.69e-06 |
| 100 | 469 | 2.86e-06 | 6.927e+04 | -1.00e-03 | 0.0 | 0.0 | -1.393e+04 | 3.857e+04 | -865.83 | 0.0 | 6.927e+04 | -3.086e+06 |
| | | -3.086e+06 | 0.0 | 2.94e-04 | 0.0 | 80.0 | -1.393e+04 | 3.857e+04 | -865.83 | 0.0 | 0.0 | 2.86e-06 |
| 100 | 471 | 1.67e-06 | 7.683e+04 | 5.96e-04 | 0.0 | 0.0 | -1.415e+04 | 3.644e+04 | -960.40 | 0.0 | 7.683e+04 | -2.915e+06 |
| | | -2.915e+06 | 0.0 | 2.92e-04 | 0.0 | 80.0 | -1.415e+04 | 3.644e+04 | -960.40 | 0.0 | 0.0 | 1.67e-06 |
| 103 | 51 | 7.270e+06 | 0.0 | 7.46e-03 | 0.0 | 0.0 | -2.369e+04 | -9.088e+04 | 3364.98 | 0.0 | -2.692e+05 | 7.270e+06 |
| | | 0.0 | -2.692e+05 | -3.71e-05 | 0.0 | 80.0 | -2.369e+04 | -9.088e+04 | 3364.98 | 0.0 | 0.0 | 0.0 |
| 103 | 114 | 4.796e+06 | 9.032e+04 | 7.30e-03 | 0.0 | 0.0 | -2.776e+04 | -5.996e+04 | -1128.99 | 0.0 | 9.032e+04 | 4.796e+06 |
| | | 0.0 | 0.0 | 8.39e-05 | 0.0 | 80.0 | -2.776e+04 | -5.996e+04 | -1128.99 | 0.0 | 0.0 | 0.0 |
| 103 | 129 | 5.742e+06 | 0.0 | 3.45e-03 | 0.0 | 0.0 | -5.467e+04 | -7.178e+04 | 6997.44 | 0.0 | -5.598e+05 | 5.742e+06 |
| | | 0.0 | -5.598e+05 | -6.57e-05 | 0.0 | 80.0 | -5.467e+04 | -7.178e+04 | 6997.44 | 0.0 | 0.0 | 0.0 |
| 103 | 131 | 5.762e+06 | 0.0 | 3.45e-03 | 0.0 | 0.0 | -5.459e+04 | -7.203e+04 | 7639.96 | 0.0 | -6.112e+05 | 5.762e+06 |
| | | 0.0 | -6.112e+05 | -9.28e-05 | 0.0 | 80.0 | -5.459e+04 | -7.203e+04 | 7639.96 | 0.0 | 0.0 | 0.0 |
| 103 | 188 | 3.762e+06 | 0.0 | 3.25e-05 | 0.0 | 0.0 | -1.540e+04 | -4.703e+04 | 1070.64 | 0.0 | -8.565e+04 | 3.762e+06 |
| | | 0.0 | -8.565e+04 | 3.13e-05 | 0.0 | 80.0 | -1.540e+04 | -4.703e+04 | 1070.64 | 0.0 | 0.0 | 0.0 |
| 103 | 212 | 5.295e+06 | 0.0 | -4.03e-03 | 0.0 | 0.0 | -1.891e+04 | -6.618e+04 | 1798.65 | 0.0 | -1.439e+05 | 5.295e+06 |
| | | -1.24e-06 | -1.439e+05 | -4.87e-05 | 0.0 | 80.0 | -1.891e+04 | -6.618e+04 | 1798.65 | 0.0 | 0.0 | -1.24e-06 |
| 103 | 286 | 5.380e+06 | 0.0 | 5.47e-03 | 0.0 | 0.0 | -1.755e+04 | -6.725e+04 | 2570.21 | 0.0 | -2.056e+05 | 5.380e+06 |
| | | 0.0 | -2.056e+05 | -3.25e-05 | 0.0 | 80.0 | -1.755e+04 | -6.725e+04 | 2570.21 | 0.0 | 0.0 | 0.0 |
| 103 | 317 | 4.463e+06 | 8992.34 | 5.31e-03 | 0.0 | 0.0 | -2.408e+04 | -5.578e+04 | -112.40 | 0.0 | 8992.34 | 4.463e+06 |
| | | 0.0 | 0.0 | 6.20e-05 | 0.0 | 80.0 | -2.408e+04 | -5.578e+04 | -112.40 | 0.0 | 0.0 | 0.0 |
| 103 | 325 | 4.250e+06 | 0.0 | 2.50e-03 | 0.0 | 0.0 | -4.049e+04 | -5.312e+04 | 5308.52 | 0.0 | -4.247e+05 | 4.250e+06 |
| | | 0.0 | -4.247e+05 | -5.57e-05 | 0.0 | 80.0 | -4.049e+04 | -5.312e+04 | 5308.52 | 0.0 | 0.0 | 0.0 |
| 103 | 326 | 4.263e+06 | 0.0 | 2.50e-03 | 0.0 | 0.0 | -4.044e+04 | -5.329e+04 | 5736.87 | 0.0 | -4.589e+05 | 4.263e+06 |
| | | 0.0 | -4.589e+05 | -7.38e-05 | 0.0 | 80.0 | -4.044e+04 | -5.329e+04 | 5736.87 | 0.0 | 0.0 | 0.0 |
| 103 | 354 | 3.692e+06 | 0.0 | -8.35e-05 | 0.0 | 0.0 | -1.492e+04 | -4.615e+04 | 1421.17 | 0.0 | -1.137e+05 | 3.692e+06 |
| | | 0.0 | -1.137e+05 | 2.74e-05 | 0.0 | 80.0 | -1.492e+04 | -4.615e+04 | 1421.17 | 0.0 | 0.0 | 0.0 |
| 103 | 366 | 4.827e+06 | 0.0 | -3.09e-03 | 0.0 | 0.0 | -1.751e+04 | -6.034e+04 | 1979.08 | 0.0 | -1.583e+05 | 4.827e+06 |
| | | 0.0 | -1.583e+05 | -3.25e-05 | 0.0 | 80.0 | -1.751e+04 | -6.034e+04 | 1979.08 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|-----------|-----|------------|------------|
| 103 | 392 | 3.262e+06 | 0.0 | 3.31e-04 | 0.0 | 0.0 | -1.333e+04 | -4.077e+04 | 1790.67 | 0.0 | -1.433e+05 | 3.262e+06 |
| | | 0.0 | -1.433e+05 | 2.98e-05 | 0.0 | 80.0 | -1.333e+04 | -4.077e+04 | 1790.67 | 0.0 | 0.0 | 0.0 |
| 103 | 393 | 3.244e+06 | 0.0 | -1.74e-04 | 0.0 | 0.0 | -1.334e+04 | -4.055e+04 | 872.38 | 0.0 | -6.979e+04 | 3.244e+06 |
| | | 0.0 | -6.979e+04 | 8.07e-05 | 0.0 | 80.0 | -1.334e+04 | -4.055e+04 | 872.38 | 0.0 | 0.0 | 0.0 |
| 103 | 396 | 4.534e+06 | 0.0 | 3.70e-03 | 0.0 | 0.0 | -1.507e+04 | -5.667e+04 | 2820.47 | 0.0 | -2.256e+05 | 4.534e+06 |
| | | 0.0 | -2.256e+05 | -1.80e-05 | 0.0 | 80.0 | -1.507e+04 | -5.667e+04 | 2820.47 | 0.0 | 0.0 | 0.0 |
| 103 | 400 | 3.696e+06 | 0.0 | 1.48e-03 | 0.0 | 0.0 | -3.224e+04 | -4.620e+04 | 5195.46 | 0.0 | -4.156e+05 | 3.696e+06 |
| | | 0.0 | -4.156e+05 | -4.89e-05 | 0.0 | 80.0 | -3.224e+04 | -4.620e+04 | 5195.46 | 0.0 | 0.0 | 0.0 |
| 103 | 404 | 4.119e+06 | 0.0 | -2.72e-03 | 0.0 | 0.0 | -1.504e+04 | -5.149e+04 | 2377.12 | 0.0 | -1.902e+05 | 4.119e+06 |
| | | 0.0 | -1.902e+05 | -1.80e-05 | 0.0 | 80.0 | -1.504e+04 | -5.149e+04 | 2377.12 | 0.0 | 0.0 | 0.0 |
| 103 | 407 | 3.268e+06 | 0.0 | -1.73e-04 | 0.0 | 0.0 | -1.334e+04 | -4.085e+04 | 1838.74 | 0.0 | -1.471e+05 | 3.268e+06 |
| | | 0.0 | -1.471e+05 | 2.97e-05 | 0.0 | 80.0 | -1.334e+04 | -4.085e+04 | 1838.74 | 0.0 | 0.0 | 0.0 |
| 103 | 415 | 2.721e+06 | 1.267e+05 | 5.09e-03 | 0.0 | 0.0 | -1.193e+04 | -3.401e+04 | -1584.20 | 0.0 | 1.267e+05 | 2.721e+06 |
| | | -3.69e-06 | 0.0 | 1.69e-04 | 0.0 | 80.0 | -1.193e+04 | -3.401e+04 | -1584.20 | 0.0 | 0.0 | -3.69e-06 |
| 103 | 420 | 3.826e+06 | 0.0 | -5.44e-03 | 0.0 | 0.0 | -1.475e+04 | -4.782e+04 | 4778.49 | 0.0 | -3.823e+05 | 3.826e+06 |
| | | 0.0 | -3.823e+05 | -1.23e-04 | 0.0 | 80.0 | -1.475e+04 | -4.782e+04 | 4778.49 | 0.0 | 0.0 | 0.0 |
| 103 | 421 | 3.743e+06 | 4.940e+04 | -5.43e-03 | 0.0 | 0.0 | -1.503e+04 | -4.679e+04 | -617.44 | 0.0 | 4.940e+04 | 3.743e+06 |
| | | -1.88e-06 | 0.0 | 1.69e-04 | 0.0 | 80.0 | -1.503e+04 | -4.679e+04 | -617.44 | 0.0 | 0.0 | -1.88e-06 |
| 103 | 422 | 2.793e+06 | 0.0 | 5.09e-03 | 0.0 | 0.0 | -1.164e+04 | -3.491e+04 | 4294.91 | 0.0 | -3.436e+05 | 2.793e+06 |
| | | 1.89e-06 | -3.436e+05 | -1.10e-04 | 0.0 | 80.0 | -1.164e+04 | -3.491e+04 | 4294.91 | 0.0 | 0.0 | 1.89e-06 |
| 103 | 432 | 3.557e+06 | 0.0 | -1.76e-03 | 0.0 | 0.0 | -1.333e+04 | -4.446e+04 | 1.105e+04 | 0.0 | -8.840e+05 | 3.557e+06 |
| | | 3.53e-06 | -8.840e+05 | -4.54e-04 | 0.0 | 80.0 | -1.333e+04 | -4.446e+04 | 1.105e+04 | 0.0 | 0.0 | 3.53e-06 |
| 103 | 435 | 2.979e+06 | 5.898e+05 | 1.41e-03 | 0.0 | 0.0 | -1.335e+04 | -3.724e+04 | -7371.96 | 0.0 | 5.898e+05 | 2.979e+06 |
| | | -3.51e-06 | 0.0 | 5.14e-04 | 0.0 | 80.0 | -1.335e+04 | -3.724e+04 | -7371.96 | 0.0 | 0.0 | -3.51e-06 |
| 103 | 448 | 3.554e+06 | 0.0 | -2.83e-03 | 0.0 | 0.0 | -1.407e+04 | -4.443e+04 | 2768.26 | 0.0 | -2.215e+05 | 3.554e+06 |
| | | -1.77e-06 | -2.215e+05 | -2.37e-05 | 0.0 | 80.0 | -1.407e+04 | -4.443e+04 | 2768.26 | 0.0 | 0.0 | -1.77e-06 |
| 103 | 453 | 3.506e+06 | 0.0 | -2.83e-03 | 0.0 | 0.0 | -1.420e+04 | -4.383e+04 | 620.41 | 0.0 | -4.963e+04 | 3.506e+06 |
| | | 0.0 | -4.963e+04 | 9.88e-05 | 0.0 | 80.0 | -1.420e+04 | -4.383e+04 | 620.41 | 0.0 | 0.0 | 0.0 |
| 103 | 454 | 3.030e+06 | 0.0 | 2.48e-03 | 0.0 | 0.0 | -1.248e+04 | -3.788e+04 | 3057.07 | 0.0 | -2.446e+05 | 3.030e+06 |
| | | 0.0 | -2.446e+05 | -3.95e-05 | 0.0 | 80.0 | -1.248e+04 | -3.788e+04 | 3057.07 | 0.0 | 0.0 | 0.0 |
| 103 | 458 | 3.285e+06 | 0.0 | 6.05e-04 | 0.0 | 0.0 | -1.292e+04 | -4.106e+04 | 4424.14 | 0.0 | -3.539e+05 | 3.285e+06 |
| | | -4.55e-06 | -3.539e+05 | -1.39e-04 | 0.0 | 80.0 | -1.292e+04 | -4.106e+04 | 4424.14 | 0.0 | 0.0 | -4.55e-06 |
| 103 | 464 | 3.412e+06 | 0.0 | -9.73e-04 | 0.0 | 0.0 | -1.334e+04 | -4.265e+04 | 6412.84 | 0.0 | -5.130e+05 | 3.412e+06 |
| | | 1.74e-06 | -5.130e+05 | -2.11e-04 | 0.0 | 80.0 | -1.334e+04 | -4.265e+04 | 6412.84 | 0.0 | 0.0 | 1.74e-06 |
| 103 | 467 | 3.124e+06 | 2.188e+05 | 6.26e-04 | 0.0 | 0.0 | -1.334e+04 | -3.905e+04 | -2735.36 | 0.0 | 2.188e+05 | 3.124e+06 |
| | | -1.72e-06 | 0.0 | 2.70e-04 | 0.0 | 80.0 | -1.334e+04 | -3.905e+04 | -2735.36 | 0.0 | 0.0 | -1.72e-06 |
| 104 | 88 | 0.0 | 0.0 | 1.30e-03 | 0.0 | 0.0 | -1.542e+04 | 4.672e+04 | 1237.26 | 0.0 | -9.898e+04 | -3.737e+06 |
| | | -3.737e+06 | -9.898e+04 | 3.10e-05 | 0.0 | 80.0 | -1.542e+04 | 4.672e+04 | 1237.26 | 0.0 | 0.0 | 0.0 |
| 104 | 109 | 2.66e-06 | 0.0 | 9.38e-03 | 0.0 | 0.0 | -2.372e+04 | 8.433e+04 | 1833.38 | 0.0 | -1.467e+05 | -6.746e+06 |
| | | -6.746e+06 | -1.467e+05 | -8.12e-06 | 0.0 | 80.0 | -2.372e+04 | 8.433e+04 | 1833.38 | 0.0 | 0.0 | 2.66e-06 |
| 104 | 149 | 0.0 | 0.0 | -1.34e-03 | 0.0 | 0.0 | -4.275e+04 | 7.181e+04 | 4465.00 | 0.0 | -3.572e+05 | -5.745e+06 |
| | | -5.745e+06 | -3.572e+05 | -4.47e-05 | 0.0 | 80.0 | -4.275e+04 | 7.181e+04 | 4465.00 | 0.0 | 0.0 | 0.0 |
| 104 | 151 | 0.0 | 0.0 | -1.34e-03 | 0.0 | 0.0 | -4.268e+04 | 7.206e+04 | 5097.88 | 0.0 | -4.078e+05 | -5.765e+06 |
| | | -5.765e+06 | -4.078e+05 | -7.18e-05 | 0.0 | 80.0 | -4.268e+04 | 7.206e+04 | 5097.88 | 0.0 | 0.0 | 0.0 |
| 104 | 171 | 1.37e-06 | 0.0 | -6.92e-03 | 0.0 | 0.0 | -3.998e+04 | 8.837e+04 | 961.53 | 0.0 | -7.692e+04 | -7.070e+06 |
| | | -7.070e+06 | -7.692e+04 | -3.29e-05 | 0.0 | 80.0 | -3.998e+04 | 8.837e+04 | 961.53 | 0.0 | 0.0 | 1.37e-06 |
| 104 | 174 | 1.04e-06 | 7.765e+04 | -4.94e-03 | 0.0 | 0.0 | -2.780e+04 | 5.826e+04 | -970.64 | 0.0 | 7.765e+04 | -4.661e+06 |
| | | -4.661e+06 | 0.0 | 8.31e-05 | 0.0 | 80.0 | -2.780e+04 | 5.826e+04 | -970.64 | 0.0 | 0.0 | 1.04e-06 |
| 104 | 304 | 0.0 | 0.0 | 8.48e-04 | 0.0 | 0.0 | -1.494e+04 | 4.603e+04 | 1543.59 | 0.0 | -1.235e+05 | -3.682e+06 |
| | | -3.682e+06 | -1.235e+05 | 2.72e-05 | 0.0 | 80.0 | -1.494e+04 | 4.603e+04 | 1543.59 | 0.0 | 0.0 | 0.0 |
| 104 | 315 | 1.96e-06 | 0.0 | 6.89e-03 | 0.0 | 0.0 | -1.756e+04 | 6.248e+04 | 1473.24 | 0.0 | -1.179e+05 | -4.998e+06 |
| | | -4.998e+06 | -1.179e+05 | -1.30e-05 | 0.0 | 80.0 | -1.756e+04 | 6.248e+04 | 1473.24 | 0.0 | 0.0 | 1.96e-06 |
| 104 | 335 | 0.0 | 0.0 | -1.05e-03 | 0.0 | 0.0 | -3.166e+04 | 5.320e+04 | 3422.59 | 0.0 | -2.738e+05 | -4.256e+06 |
| | | -4.256e+06 | -2.738e+05 | -4.02e-05 | 0.0 | 80.0 | -3.166e+04 | 5.320e+04 | 3422.59 | 0.0 | 0.0 | 0.0 |
| 104 | 336 | 0.0 | 0.0 | -1.05e-03 | 0.0 | 0.0 | -3.161e+04 | 5.337e+04 | 3844.51 | 0.0 | -3.076e+05 | -4.270e+06 |
| | | -4.270e+06 | -3.076e+05 | -5.87e-05 | 0.0 | 80.0 | -3.161e+04 | 5.337e+04 | 3844.51 | 0.0 | 0.0 | 0.0 |
| 104 | 344 | 0.0 | 0.0 | -3.79e-03 | 0.0 | 0.0 | -2.402e+04 | 5.494e+04 | 906.22 | 0.0 | -7.250e+04 | -4.395e+06 |
| | | -4.395e+06 | -7.250e+04 | 2.04e-05 | 0.0 | 80.0 | -2.402e+04 | 5.494e+04 | 906.22 | 0.0 | 0.0 | 0.0 |
| 104 | 346 | 1.01e-06 | 0.0 | -5.18e-03 | 0.0 | 0.0 | -2.961e+04 | 6.545e+04 | 780.55 | 0.0 | -6.244e+04 | -5.236e+06 |
| | | -5.236e+06 | -6.244e+04 | -2.94e-05 | 0.0 | 80.0 | -2.961e+04 | 6.545e+04 | 780.55 | 0.0 | 0.0 | 1.01e-06 |
| 104 | 392 | 0.0 | 0.0 | 2.96e-04 | 0.0 | 0.0 | -1.335e+04 | 4.046e+04 | 1882.84 | 0.0 | -1.506e+05 | -3.236e+06 |
| | | -3.236e+06 | -1.506e+05 | 2.96e-05 | 0.0 | 80.0 | -1.335e+04 | 4.046e+04 | 1882.84 | 0.0 | 0.0 | 0.0 |
| 104 | 399 | 1.44e-06 | 0.0 | 4.76e-03 | 0.0 | 0.0 | -1.504e+04 | 5.362e+04 | 2258.83 | 0.0 | -1.807e+05 | -4.290e+06 |
| | | -4.290e+06 | -1.807e+05 | -1.68e-05 | 0.0 | 80.0 | -1.504e+04 | 5.362e+04 | 2258.83 | 0.0 | 0.0 | 1.44e-06 |
| 104 | 401 | 0.0 | 0.0 | -1.19e-03 | 0.0 | 0.0 | -2.562e+04 | 4.667e+04 | 3720.84 | 0.0 | -2.977e+05 | -3.733e+06 |
| | | -3.733e+06 | -2.977e+05 | -3.71e-05 | 0.0 | 80.0 | -2.562e+04 | 4.667e+04 | 3720.84 | 0.0 | 0.0 | 0.0 |
| 104 | 402 | 0.0 | 0.0 | -4.29e-03 | 0.0 | 0.0 | -2.412e+04 | 5.573e+04 | 1422.87 | 0.0 | -1.138e+05 | -4.458e+06 |
| | | -4.458e+06 | -1.138e+05 | -1.55e-05 | 0.0 | 80.0 | -2.412e+04 | 5.573e+04 | 1422.87 | 0.0 | 0.0 | 0.0 |
| 104 | 407 | 0.0 | 0.0 | -2.09e-04 | 0.0 | 0.0 | -1.335e+04 | 4.104e+04 | 1866.76 | 0.0 | -1.493e+05 | -3.283e+06 |
| | | -3.283e+06 | -1.493e+05 | 2.96e-05 | 0.0 | 80.0 | -1.335e+04 | 4.104e+04 | 1866.76 | 0.0 | 0.0 | 0.0 |
| 104 | 412 | -1.71e-06 | 0.0 | -5.48e-03 | 0.0 | 0.0 | -1.382e+04 | 4.913e+04 | 3678.14 | 0.0 | -2.943e+05 | -3.930e+06 |
| | | -3.930e+06 | -2.943e+05 | -1.20e-04 | 0.0 | 80.0 | -1.382e+04 | 4.913e+04 | 3678.14 | 0.0 | 0.0 | -1.71e-06 |
| 104 | 413 | -2.74e-06 | 1.244e+04 | -5.47e-03 | 0.0 | 0.0 | -1.418e+04 | 4.815e+04 | -155.45 | 0.0 | 1.244e+04 | -3.852e+06 |
| | | -3.852e+06 | 0.0 | 1.68e-04 | 0.0 | 80.0 | -1.418e+04 | 4.815e+04 | -155.45 | 0.0 | 0.0 | -2.74e-06 |
| 104 | 414 | 2.76e-06 | 0.0 | 5.06e-03 | 0.0 | 0.0 | -1.252e+04 | 3.393e+04 | 3888.97 | 0.0 | -3.111e+05 | -2.714e+06 |
| | | -2.714e+06 | -3.111e+05 | -1.09e-04 | 0.0 | 80.0 | -1.252e+04 | 3.393e+04 | 3888.97 | 0.0 | 0.0 | 2.76e-06 |
| 104 | 422 | 3.59e-06 | 0.0 | 5.05e-03 | 0.0 | 0.0 | -1.253e+04 | 3.416e+04 | 2897.30 | 0.0 | -2.318e+05 | -2.733e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| | | -2.733e+06 | -2.318e+05 | -1.20e-04 | 0.0 | 80.0 | -1.253e+04 | 3.416e+04 | 2897.30 | 0.0 | 0.0 | 3.59e-06 |
| 104 | 428 | -1.51e-06 | 0.0 | -1.84e-03 | 0.0 | 0.0 | -1.315e+04 | 4.459e+04 | 8893.96 | 0.0 | -7.115e+05 | -3.567e+06 |
| | | -3.567e+06 | -7.115e+05 | -3.74e-04 | 0.0 | 80.0 | -1.315e+04 | 4.459e+04 | 8893.96 | 0.0 | 0.0 | -1.51e-06 |
| 104 | 431 | 1.53e-06 | 4.128e+05 | 1.43e-03 | 0.0 | 0.0 | -1.355e+04 | 3.749e+04 | -5160.44 | 0.0 | 4.128e+05 | -2.999e+06 |
| | | -2.999e+06 | 0.0 | 4.33e-04 | 0.0 | 80.0 | -1.355e+04 | 3.749e+04 | -5160.44 | 0.0 | 0.0 | 1.53e-06 |
| 104 | 444 | 0.0 | 0.0 | -2.87e-03 | 0.0 | 0.0 | -1.359e+04 | 4.508e+04 | 2764.26 | 0.0 | -2.211e+05 | -3.607e+06 |
| | | -3.607e+06 | -2.211e+05 | -4.46e-05 | 0.0 | 80.0 | -1.359e+04 | 4.508e+04 | 2764.26 | 0.0 | 0.0 | 0.0 |
| 104 | 450 | 1.93e-06 | 0.0 | 2.44e-03 | 0.0 | 0.0 | -1.291e+04 | 3.758e+04 | 2240.93 | 0.0 | -1.793e+05 | -3.006e+06 |
| | | -3.006e+06 | -1.793e+05 | -2.33e-05 | 0.0 | 80.0 | -1.291e+04 | 3.758e+04 | 2240.93 | 0.0 | 0.0 | 1.93e-06 |
| 104 | 457 | -1.64e-06 | 6.980e+04 | -9.88e-04 | 0.0 | 0.0 | -1.384e+04 | 4.142e+04 | -872.53 | 0.0 | 6.980e+04 | -3.314e+06 |
| | | -3.314e+06 | 0.0 | 1.96e-04 | 0.0 | 80.0 | -1.384e+04 | 4.142e+04 | -872.53 | 0.0 | 0.0 | -1.64e-06 |
| 104 | 458 | 1.66e-06 | 0.0 | 5.70e-04 | 0.0 | 0.0 | -1.286e+04 | 4.065e+04 | 4606.04 | 0.0 | -3.685e+05 | -3.252e+06 |
| | | -3.252e+06 | -3.685e+05 | -1.37e-04 | 0.0 | 80.0 | -1.286e+04 | 4.065e+04 | 4606.04 | 0.0 | 0.0 | 1.66e-06 |
| 104 | 468 | 0.0 | 0.0 | -1.01e-03 | 0.0 | 0.0 | -1.316e+04 | 4.295e+04 | 5170.76 | 0.0 | -4.137e+05 | -3.436e+06 |
| | | -3.436e+06 | -4.137e+05 | -2.08e-04 | 0.0 | 80.0 | -1.316e+04 | 4.295e+04 | 5170.76 | 0.0 | 0.0 | 0.0 |
| 104 | 471 | 0.0 | 1.150e+05 | 5.92e-04 | 0.0 | 0.0 | -1.355e+04 | 3.913e+04 | -1437.24 | 0.0 | 1.150e+05 | -3.130e+06 |
| | | -3.130e+06 | 0.0 | 2.67e-04 | 0.0 | 80.0 | -1.355e+04 | 3.913e+04 | -1437.24 | 0.0 | 0.0 | 0.0 |
| 107 | 109 | 8.356e+06 | 4.912e+05 | 9.48e-03 | 0.0 | 0.0 | -4.317e+04 | -1.044e+05 | -6139.39 | 0.0 | 4.912e+05 | 8.356e+06 |
| | | -2.68e-06 | 0.0 | -1.47e-04 | 0.0 | 80.0 | -4.317e+04 | -1.044e+05 | -6139.39 | 0.0 | 0.0 | -2.68e-06 |
| 107 | 112 | 7.106e+06 | 3.762e+05 | 9.54e-03 | 0.0 | 0.0 | -3.850e+04 | -8.883e+04 | -4702.73 | 0.0 | 3.762e+05 | 7.106e+06 |
| | | -2.70e-06 | 0.0 | -1.63e-04 | 0.0 | 80.0 | -3.850e+04 | -8.883e+04 | -4702.73 | 0.0 | 0.0 | -2.70e-06 |
| 107 | 115 | 6.717e+06 | 4.032e+05 | 7.25e-03 | 0.0 | 0.0 | -3.400e+04 | -8.396e+04 | -5039.49 | 0.0 | 4.032e+05 | 6.717e+06 |
| | | -2.06e-06 | 0.0 | -4.90e-05 | 0.0 | 80.0 | -3.400e+04 | -8.396e+04 | -5039.49 | 0.0 | 0.0 | -2.06e-06 |
| 107 | 129 | 6.545e+06 | 9.972e+05 | 3.48e-03 | 0.0 | 0.0 | -6.338e+04 | -8.181e+04 | -1.246e+04 | 0.0 | 9.972e+05 | 6.545e+06 |
| | | 0.0 | 0.0 | -2.14e-04 | 0.0 | 80.0 | -6.338e+04 | -8.181e+04 | -1.246e+04 | 0.0 | 0.0 | 0.0 |
| 107 | 131 | 6.524e+06 | 9.458e+05 | 3.48e-03 | 0.0 | 0.0 | -6.346e+04 | -8.155e+04 | -1.182e+04 | 0.0 | 9.458e+05 | 6.524e+06 |
| | | 0.0 | 0.0 | -2.42e-04 | 0.0 | 80.0 | -6.346e+04 | -8.155e+04 | -1.182e+04 | 0.0 | 0.0 | 0.0 |
| 107 | 186 | 4.077e+06 | 3.591e+05 | 3.24e-05 | 0.0 | 0.0 | -1.646e+04 | -5.096e+04 | -4488.50 | 0.0 | 3.591e+05 | 4.077e+06 |
| | | 0.0 | 0.0 | 9.45e-06 | 0.0 | 80.0 | -1.646e+04 | -5.096e+04 | -4488.50 | 0.0 | 0.0 | 0.0 |
| 107 | 315 | 6.179e+06 | 3.521e+05 | 6.96e-03 | 0.0 | 0.0 | -3.198e+04 | -7.723e+04 | -4401.03 | 0.0 | 3.521e+05 | 6.179e+06 |
| | | -1.97e-06 | 0.0 | -1.16e-04 | 0.0 | 80.0 | -3.198e+04 | -7.723e+04 | -4401.03 | 0.0 | 0.0 | -1.97e-06 |
| 107 | 316 | 6.165e+06 | 3.178e+05 | 6.96e-03 | 0.0 | 0.0 | -3.203e+04 | -7.706e+04 | -3972.72 | 0.0 | 3.178e+05 | 6.165e+06 |
| | | -1.97e-06 | 0.0 | -1.34e-04 | 0.0 | 80.0 | -3.203e+04 | -7.706e+04 | -3972.72 | 0.0 | 0.0 | -1.97e-06 |
| 107 | 318 | 4.968e+06 | 2.883e+05 | 5.33e-03 | 0.0 | 0.0 | -2.520e+04 | -6.210e+04 | -3603.41 | 0.0 | 2.883e+05 | 4.968e+06 |
| | | -1.51e-06 | 0.0 | -4.28e-05 | 0.0 | 80.0 | -2.520e+04 | -6.210e+04 | -3603.41 | 0.0 | 0.0 | -1.51e-06 |
| 107 | 325 | 4.837e+06 | 7.269e+05 | 2.52e-03 | 0.0 | 0.0 | -4.695e+04 | -6.046e+04 | -9086.34 | 0.0 | 7.269e+05 | 4.837e+06 |
| | | 0.0 | 0.0 | -1.66e-04 | 0.0 | 80.0 | -4.695e+04 | -6.046e+04 | -9086.34 | 0.0 | 0.0 | 0.0 |
| 107 | 326 | 4.824e+06 | 6.926e+05 | 2.52e-03 | 0.0 | 0.0 | -4.700e+04 | -6.029e+04 | -8658.03 | 0.0 | 6.926e+05 | 4.824e+06 |
| | | 0.0 | 0.0 | -1.84e-04 | 0.0 | 80.0 | -4.700e+04 | -6.029e+04 | -8658.03 | 0.0 | 0.0 | 0.0 |
| 107 | 353 | 3.920e+06 | 2.998e+05 | -8.36e-05 | 0.0 | 0.0 | -1.571e+04 | -4.900e+04 | -3747.98 | 0.0 | 2.998e+05 | 3.920e+06 |
| | | 0.0 | 0.0 | -8.37e-06 | 0.0 | 80.0 | -1.571e+04 | -4.900e+04 | -3747.98 | 0.0 | 0.0 | 0.0 |
| 107 | 393 | 3.292e+06 | 2.298e+05 | -1.73e-04 | 0.0 | 0.0 | -1.335e+04 | -4.115e+04 | -2872.95 | 0.0 | 2.298e+05 | 3.292e+06 |
| | | 0.0 | 0.0 | 2.39e-05 | 0.0 | 80.0 | -1.335e+04 | -4.115e+04 | -2872.95 | 0.0 | 0.0 | 0.0 |
| 107 | 399 | 4.951e+06 | 2.033e+05 | 4.82e-03 | 0.0 | 0.0 | -2.523e+04 | -6.189e+04 | -2540.69 | 0.0 | 2.033e+05 | 4.951e+06 |
| | | -1.36e-06 | 0.0 | -1.02e-04 | 0.0 | 80.0 | -2.523e+04 | -6.189e+04 | -2540.69 | 0.0 | 0.0 | -1.36e-06 |
| 107 | 400 | 3.945e+06 | 4.844e+05 | 1.49e-03 | 0.0 | 0.0 | -3.646e+04 | -4.931e+04 | -6054.68 | 0.0 | 4.844e+05 | 3.945e+06 |
| | | 0.0 | 0.0 | -1.39e-04 | 0.0 | 80.0 | -3.646e+04 | -4.931e+04 | -6054.68 | 0.0 | 0.0 | 0.0 |
| 107 | 407 | 3.268e+06 | 1.525e+05 | -1.73e-04 | 0.0 | 0.0 | -1.336e+04 | -4.086e+04 | -1906.58 | 0.0 | 1.525e+05 | 3.268e+06 |
| | | 0.0 | 0.0 | -2.72e-05 | 0.0 | 80.0 | -1.336e+04 | -4.086e+04 | -1906.58 | 0.0 | 0.0 | 0.0 |
| 107 | 409 | 3.826e+06 | 3.274e+05 | -5.45e-03 | 0.0 | 0.0 | -1.483e+04 | -4.783e+04 | -4092.42 | 0.0 | 3.274e+05 | 3.826e+06 |
| | | 1.67e-06 | 0.0 | 1.02e-04 | 0.0 | 80.0 | -1.483e+04 | -4.783e+04 | -4092.42 | 0.0 | 0.0 | 1.67e-06 |
| 107 | 412 | 3.747e+06 | 0.0 | -5.44e-03 | 0.0 | 0.0 | -1.505e+04 | -4.684e+04 | 532.21 | 0.0 | -4.258e+04 | 3.747e+06 |
| | | -2.26e-06 | -4.258e+04 | -1.66e-04 | 0.0 | 80.0 | -1.505e+04 | -4.684e+04 | 532.21 | 0.0 | 0.0 | -2.26e-06 |
| 107 | 415 | 2.790e+06 | 3.476e+05 | 5.10e-03 | 0.0 | 0.0 | -1.167e+04 | -3.488e+04 | -4345.36 | 0.0 | 3.476e+05 | 2.790e+06 |
| | | -2.15e-06 | 0.0 | 1.12e-04 | 0.0 | 80.0 | -1.167e+04 | -3.488e+04 | -4345.36 | 0.0 | 0.0 | -2.15e-06 |
| 107 | 421 | 3.811e+06 | 4.301e+05 | -5.43e-03 | 0.0 | 0.0 | -1.480e+04 | -4.764e+04 | -5376.40 | 0.0 | 4.301e+05 | 3.811e+06 |
| | | -5.26e-06 | 0.0 | 1.13e-04 | 0.0 | 80.0 | -1.480e+04 | -4.764e+04 | -5376.40 | 0.0 | 0.0 | -5.26e-06 |
| 107 | 437 | 3.547e+06 | 8.919e+05 | -1.73e-03 | 0.0 | 0.0 | -1.341e+04 | -4.433e+04 | -1.115e+04 | 0.0 | 8.919e+05 | 3.547e+06 |
| | | -2.98e-06 | 0.0 | 4.57e-04 | 0.0 | 80.0 | -1.341e+04 | -4.433e+04 | -1.115e+04 | 0.0 | 0.0 | -2.98e-06 |
| 107 | 438 | 2.990e+06 | 0.0 | 1.38e-03 | 0.0 | 0.0 | -1.332e+04 | -3.738e+04 | 7335.92 | 0.0 | -5.869e+05 | 2.990e+06 |
| | | 3.10e-06 | -5.869e+05 | -5.11e-04 | 0.0 | 80.0 | -1.332e+04 | -3.738e+04 | 7335.92 | 0.0 | 0.0 | 3.10e-06 |
| 107 | 440 | 3.505e+06 | 9.914e+04 | -2.83e-03 | 0.0 | 0.0 | -1.424e+04 | -4.381e+04 | -1239.19 | 0.0 | 9.914e+04 | 3.505e+06 |
| | | 0.0 | 0.0 | -7.38e-05 | 0.0 | 80.0 | -1.424e+04 | -4.381e+04 | -1239.19 | 0.0 | 0.0 | 0.0 |
| 107 | 441 | 3.549e+06 | 2.272e+05 | -2.83e-03 | 0.0 | 0.0 | -1.407e+04 | -4.436e+04 | -2839.77 | 0.0 | 2.272e+05 | 3.549e+06 |
| | | 1.25e-06 | 0.0 | 2.66e-05 | 0.0 | 80.0 | -1.407e+04 | -4.436e+04 | -2839.77 | 0.0 | 0.0 | 1.25e-06 |
| 107 | 443 | 3.032e+06 | 2.059e+05 | 2.48e-03 | 0.0 | 0.0 | -1.249e+04 | -3.790e+04 | -2573.96 | 0.0 | 2.059e+05 | 3.032e+06 |
| | | 0.0 | 0.0 | 1.95e-05 | 0.0 | 80.0 | -1.249e+04 | -3.790e+04 | -2573.96 | 0.0 | 0.0 | 0.0 |
| 107 | 448 | 3.499e+06 | 1.192e+05 | -2.83e-03 | 0.0 | 0.0 | -1.424e+04 | -4.374e+04 | -1489.61 | 0.0 | 1.192e+05 | 3.499e+06 |
| | | -2.67e-06 | 0.0 | -8.01e-05 | 0.0 | 80.0 | -1.424e+04 | -4.374e+04 | -1489.61 | 0.0 | 0.0 | -2.67e-06 |
| 107 | 469 | 3.407e+06 | 5.197e+05 | -9.57e-04 | 0.0 | 0.0 | -1.339e+04 | -4.259e+04 | -6496.51 | 0.0 | 5.197e+05 | 3.407e+06 |
| | | -1.44e-06 | 0.0 | 2.13e-04 | 0.0 | 80.0 | -1.339e+04 | -4.259e+04 | -6496.51 | 0.0 | 0.0 | -1.44e-06 |
| 107 | 470 | 3.130e+06 | 0.0 | 6.10e-04 | 0.0 | 0.0 | -1.334e+04 | -3.912e+04 | 2683.35 | 0.0 | -2.147e+05 | 3.130e+06 |
| | | 1.55e-06 | -2.147e+05 | -2.68e-04 | 0.0 | 80.0 | -1.334e+04 | -3.912e+04 | 2683.35 | 0.0 | 0.0 | 1.55e-06 |
| 108 | 26 | 0.0 | 3.574e+05 | 1.17e-03 | 0.0 | 0.0 | -1.645e+04 | 5.038e+04 | -4467.66 | 0.0 | 3.574e+05 | -4.030e+06 |
| | | -4.030e+06 | 0.0 | 1.56e-05 | 0.0 | 80.0 | -1.645e+04 | 5.038e+04 | -4467.66 | 0.0 | 0.0 | 0.0 |
| 108 | 112 | -3.32e-06 | 4.890e+05 | 9.47e-03 | 0.0 | 0.0 | -2.168e+04 | 8.003e+04 | -6112.62 | 0.0 | 4.890e+05 | -6.403e+06 |
| | | -6.403e+06 | 0.0 | -1.61e-04 | 0.0 | 80.0 | -2.168e+04 | 8.003e+04 | -6112.62 | 0.0 | 0.0 | -3.32e-06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| 108 | 149 | 0.0 | 7.512e+05 | -1.36e-03 | 0.0 | 0.0 | -4.883e+04 | 8.160e+04 | -9390.21 | 0.0 | 7.512e+05 | -6.528e+06 |
| | | -6.528e+06 | 0.0 | -1.87e-04 | 0.0 | 80.0 | -4.883e+04 | 8.160e+04 | -9390.21 | 0.0 | 0.0 | 0.0 |
| 108 | 151 | 0.0 | 7.006e+05 | -1.36e-03 | 0.0 | 0.0 | -4.891e+04 | 8.135e+04 | -8757.37 | 0.0 | 7.006e+05 | -6.508e+06 |
| | | -6.508e+06 | 0.0 | -2.14e-04 | 0.0 | 80.0 | -4.891e+04 | 8.135e+04 | -8757.37 | 0.0 | 0.0 | 0.0 |
| 108 | 169 | 1.83e-06 | 4.904e+05 | -6.94e-03 | 0.0 | 0.0 | -4.310e+04 | 1.024e+05 | -6129.78 | 0.0 | 4.904e+05 | -8.194e+06 |
| | | -8.194e+06 | 0.0 | -1.48e-04 | 0.0 | 80.0 | -4.310e+04 | 1.024e+05 | -6129.78 | 0.0 | 0.0 | 1.83e-06 |
| 108 | 231 | 2.15e-06 | 4.050e+05 | -3.95e-03 | 0.0 | 0.0 | -2.642e+04 | 9.255e+04 | -5062.38 | 0.0 | 4.050e+05 | -7.404e+06 |
| | | -7.404e+06 | 0.0 | -1.29e-04 | 0.0 | 80.0 | -2.642e+04 | 9.255e+04 | -5062.38 | 0.0 | 0.0 | 2.15e-06 |
| 108 | 273 | 0.0 | 2.974e+05 | 7.51e-04 | 0.0 | 0.0 | -1.570e+04 | 4.868e+04 | -3717.79 | 0.0 | 2.974e+05 | -3.894e+06 |
| | | -3.894e+06 | 0.0 | -3.83e-06 | 0.0 | 80.0 | -1.570e+04 | 4.868e+04 | -3717.79 | 0.0 | 0.0 | 0.0 |
| 108 | 316 | -2.45e-06 | 4.001e+05 | 6.90e-03 | 0.0 | 0.0 | -1.957e+04 | 7.066e+04 | -5001.47 | 0.0 | 4.001e+05 | -5.653e+06 |
| | | -5.653e+06 | 0.0 | -1.32e-04 | 0.0 | 80.0 | -1.957e+04 | 7.066e+04 | -5001.47 | 0.0 | 0.0 | -2.45e-06 |
| 108 | 335 | 0.0 | 5.443e+05 | -1.06e-03 | 0.0 | 0.0 | -3.617e+04 | 6.037e+04 | -6803.97 | 0.0 | 5.443e+05 | -4.829e+06 |
| | | -4.829e+06 | 0.0 | -1.45e-04 | 0.0 | 80.0 | -3.617e+04 | 6.037e+04 | -6803.97 | 0.0 | 0.0 | 0.0 |
| 108 | 336 | 0.0 | 5.106e+05 | -1.06e-03 | 0.0 | 0.0 | -3.622e+04 | 6.020e+04 | -6382.08 | 0.0 | 5.106e+05 | -4.816e+06 |
| | | -4.816e+06 | 0.0 | -1.63e-04 | 0.0 | 80.0 | -3.622e+04 | 6.020e+04 | -6382.08 | 0.0 | 0.0 | 0.0 |
| 108 | 345 | 1.37e-06 | 3.511e+05 | -5.20e-03 | 0.0 | 0.0 | -3.193e+04 | 7.579e+04 | -4388.84 | 0.0 | 3.511e+05 | -6.063e+06 |
| | | -6.063e+06 | 0.0 | -1.16e-04 | 0.0 | 80.0 | -3.193e+04 | 7.579e+04 | -4388.84 | 0.0 | 0.0 | 1.37e-06 |
| 108 | 376 | 1.60e-06 | 2.916e+05 | -2.99e-03 | 0.0 | 0.0 | -1.956e+04 | 6.850e+04 | -3645.05 | 0.0 | 2.916e+05 | -5.480e+06 |
| | | -5.480e+06 | 0.0 | -1.00e-04 | 0.0 | 80.0 | -1.956e+04 | 6.850e+04 | -3645.05 | 0.0 | 0.0 | 1.60e-06 |
| 108 | 393 | 0.0 | 2.255e+05 | -2.09e-04 | 0.0 | 0.0 | -1.334e+04 | 4.135e+04 | -2819.33 | 0.0 | 2.255e+05 | -3.308e+06 |
| | | -3.308e+06 | 0.0 | 2.38e-05 | 0.0 | 80.0 | -1.334e+04 | 4.135e+04 | -2819.33 | 0.0 | 0.0 | 0.0 |
| 108 | 399 | -1.77e-06 | 2.615e+05 | 4.77e-03 | 0.0 | 0.0 | -1.588e+04 | 5.749e+04 | -3268.39 | 0.0 | 2.615e+05 | -4.599e+06 |
| | | -4.599e+06 | 0.0 | -1.00e-04 | 0.0 | 80.0 | -1.588e+04 | 5.749e+04 | -3268.39 | 0.0 | 0.0 | -1.77e-06 |
| 108 | 401 | 0.0 | 3.443e+05 | -1.20e-03 | 0.0 | 0.0 | -2.837e+04 | 4.964e+04 | -4303.84 | 0.0 | 3.443e+05 | -3.971e+06 |
| | | -3.971e+06 | 0.0 | -1.24e-04 | 0.0 | 80.0 | -2.837e+04 | 4.964e+04 | -4303.84 | 0.0 | 0.0 | 0.0 |
| 108 | 402 | 1.09e-06 | 1.994e+05 | -4.30e-03 | 0.0 | 0.0 | -2.519e+04 | 6.121e+04 | -2492.50 | 0.0 | 1.994e+05 | -4.897e+06 |
| | | -4.897e+06 | 0.0 | -1.02e-04 | 0.0 | 80.0 | -2.519e+04 | 6.121e+04 | -2492.50 | 0.0 | 0.0 | 1.09e-06 |
| 108 | 405 | 1.27e-06 | 1.801e+05 | -2.64e-03 | 0.0 | 0.0 | -1.588e+04 | 5.587e+04 | -2251.08 | 0.0 | 1.801e+05 | -4.469e+06 |
| | | -4.469e+06 | 0.0 | -7.67e-05 | 0.0 | 80.0 | -1.588e+04 | 5.587e+04 | -2251.08 | 0.0 | 0.0 | 1.27e-06 |
| 108 | 407 | 0.0 | 1.497e+05 | -2.09e-04 | 0.0 | 0.0 | -1.335e+04 | 4.105e+04 | -1871.48 | 0.0 | 1.497e+05 | -3.284e+06 |
| | | -3.284e+06 | 0.0 | -2.72e-05 | 0.0 | 80.0 | -1.335e+04 | 4.105e+04 | -1871.48 | 0.0 | 0.0 | 0.0 |
| 108 | 413 | 3.62e-06 | 3.744e+05 | -5.47e-03 | 0.0 | 0.0 | -1.384e+04 | 4.893e+04 | -4680.16 | 0.0 | 3.744e+05 | -3.914e+06 |
| | | -3.914e+06 | 0.0 | 1.10e-04 | 0.0 | 80.0 | -1.384e+04 | 4.893e+04 | -4680.16 | 0.0 | 0.0 | 3.62e-06 |
| 108 | 420 | 0.0 | 0.0 | -5.48e-03 | 0.0 | 0.0 | -1.416e+04 | 4.814e+04 | 151.41 | 0.0 | -1.211e+04 | -3.851e+06 |
| | | -3.851e+06 | -1.211e+04 | -1.67e-04 | 0.0 | 80.0 | -1.416e+04 | 4.814e+04 | 151.41 | 0.0 | 0.0 | 0.0 |
| 108 | 421 | 1.37e-06 | 2.947e+05 | -5.47e-03 | 0.0 | 0.0 | -1.384e+04 | 4.916e+04 | -3683.49 | 0.0 | 2.947e+05 | -3.933e+06 |
| | | -3.933e+06 | 0.0 | 1.21e-04 | 0.0 | 80.0 | -1.384e+04 | 4.916e+04 | -3683.49 | 0.0 | 0.0 | 1.37e-06 |
| 108 | 423 | 0.0 | 3.115e+05 | 5.07e-03 | 0.0 | 0.0 | -1.254e+04 | 3.396e+04 | -3894.36 | 0.0 | 3.115e+05 | -2.717e+06 |
| | | -2.717e+06 | 0.0 | 1.13e-04 | 0.0 | 80.0 | -1.254e+04 | 3.396e+04 | -3894.36 | 0.0 | 0.0 | 0.0 |
| 108 | 425 | 0.0 | 7.150e+05 | -1.84e-03 | 0.0 | 0.0 | -1.306e+04 | 4.492e+04 | -8938.03 | 0.0 | 7.150e+05 | -3.594e+06 |
| | | -3.594e+06 | 0.0 | 3.76e-04 | 0.0 | 80.0 | -1.306e+04 | 4.492e+04 | -8938.03 | 0.0 | 0.0 | 0.0 |
| 108 | 426 | 0.0 | 0.0 | 1.42e-03 | 0.0 | 0.0 | -1.364e+04 | 3.718e+04 | 5195.08 | 0.0 | -4.156e+05 | -2.975e+06 |
| | | -2.975e+06 | -4.156e+05 | -4.31e-04 | 0.0 | 80.0 | -1.364e+04 | 3.718e+04 | 5195.08 | 0.0 | 0.0 | 0.0 |
| 108 | 453 | 0.0 | 2.215e+05 | -2.86e-03 | 0.0 | 0.0 | -1.360e+04 | 4.511e+04 | -2769.33 | 0.0 | 2.215e+05 | -3.608e+06 |
| | | -3.608e+06 | 0.0 | 4.64e-05 | 0.0 | 80.0 | -1.360e+04 | 4.511e+04 | -2769.33 | 0.0 | 0.0 | 0.0 |
| 108 | 457 | 3.09e-06 | 3.781e+05 | -9.98e-04 | 0.0 | 0.0 | -1.309e+04 | 4.286e+04 | -4726.46 | 0.0 | 3.781e+05 | -3.428e+06 |
| | | -3.428e+06 | 0.0 | 1.39e-04 | 0.0 | 80.0 | -1.309e+04 | 4.286e+04 | -4726.46 | 0.0 | 0.0 | 3.09e-06 |
| 108 | 460 | -2.45e-06 | 0.0 | -1.01e-03 | 0.0 | 0.0 | -1.381e+04 | 4.150e+04 | 866.07 | 0.0 | -6.929e+04 | -3.320e+06 |
| | | -3.320e+06 | -6.929e+04 | -1.94e-04 | 0.0 | 80.0 | -1.381e+04 | 4.150e+04 | 866.07 | 0.0 | 0.0 | -2.45e-06 |
| 108 | 463 | 2.46e-06 | 3.687e+05 | 5.96e-04 | 0.0 | 0.0 | -1.289e+04 | 4.061e+04 | -4609.03 | 0.0 | 3.687e+05 | -3.249e+06 |
| | | -3.249e+06 | 0.0 | 1.39e-04 | 0.0 | 80.0 | -1.289e+04 | 4.061e+04 | -4609.03 | 0.0 | 0.0 | 2.46e-06 |
| 108 | 465 | 1.14e-06 | 4.142e+05 | -9.93e-04 | 0.0 | 0.0 | -1.319e+04 | 4.300e+04 | -5177.32 | 0.0 | 4.142e+05 | -3.440e+06 |
| | | -3.440e+06 | 0.0 | 2.10e-04 | 0.0 | 80.0 | -1.319e+04 | 4.300e+04 | -5177.32 | 0.0 | 0.0 | 1.14e-06 |
| 108 | 466 | -1.12e-06 | 0.0 | 5.76e-04 | 0.0 | 0.0 | -1.352e+04 | 3.910e+04 | 1434.36 | 0.0 | -1.147e+05 | -3.128e+06 |
| | | -3.128e+06 | -1.147e+05 | -2.65e-04 | 0.0 | 80.0 | -1.352e+04 | 3.910e+04 | 1434.36 | 0.0 | 0.0 | -1.12e-06 |
| 111 | 48 | 5.212e+06 | 1.731e+05 | 5.83e-03 | 0.0 | 0.0 | -1.779e+04 | -6.515e+04 | -2163.89 | 0.0 | 1.731e+05 | 5.212e+06 |
| | | -2.89e-06 | 0.0 | -6.83e-05 | 0.0 | 80.0 | -1.779e+04 | -6.515e+04 | -2163.89 | 0.0 | 0.0 | -2.89e-06 |
| 111 | 52 | 6.898e+06 | 2.029e+05 | 7.55e-03 | 0.0 | 0.0 | -2.387e+04 | -8.622e+04 | -2536.67 | 0.0 | 2.029e+05 | 6.898e+06 |
| | | -3.85e-06 | 0.0 | -1.59e-04 | 0.0 | 80.0 | -2.387e+04 | -8.622e+04 | -2536.67 | 0.0 | 0.0 | -3.85e-06 |
| 111 | 109 | 8.858e+06 | 9.962e+04 | 9.54e-03 | 0.0 | 0.0 | -5.094e+04 | -1.107e+05 | -1245.30 | 0.0 | 9.962e+04 | 8.858e+06 |
| | | -3.18e-06 | 0.0 | -2.17e-04 | 0.0 | 80.0 | -5.094e+04 | -1.107e+05 | -1245.30 | 0.0 | 0.0 | -3.18e-06 |
| 111 | 129 | 6.983e+06 | 0.0 | 3.54e-03 | 0.0 | 0.0 | -6.698e+04 | -8.729e+04 | 1357.05 | 0.0 | -1.086e+05 | 6.983e+06 |
| | | 0.0 | -1.086e+05 | -3.18e-04 | 0.0 | 80.0 | -6.698e+04 | -8.729e+04 | 1357.05 | 0.0 | 0.0 | 0.0 |
| 111 | 132 | 5.672e+06 | 0.0 | 3.61e-03 | 0.0 | 0.0 | -6.103e+04 | -7.090e+04 | 1852.31 | 0.0 | -1.482e+05 | 5.672e+06 |
| | | 0.0 | -1.482e+05 | -3.24e-04 | 0.0 | 80.0 | -6.103e+04 | -7.090e+04 | 1852.31 | 0.0 | 0.0 | 0.0 |
| 111 | 169 | 8.396e+06 | 3.220e+05 | -6.91e-03 | 0.0 | 0.0 | -2.986e+04 | -1.050e+05 | -4025.36 | 0.0 | 3.220e+05 | 8.396e+06 |
| | | 1.32e-06 | 0.0 | -2.13e-04 | 0.0 | 80.0 | -2.986e+04 | -1.050e+05 | -4025.36 | 0.0 | 0.0 | 1.32e-06 |
| 111 | 284 | 4.776e+06 | 1.390e+05 | 4.22e-03 | 0.0 | 0.0 | -1.739e+04 | -5.969e+04 | -1737.27 | 0.0 | 1.390e+05 | 4.776e+06 |
| | | -2.13e-06 | 0.0 | -6.99e-05 | 0.0 | 80.0 | -1.739e+04 | -5.969e+04 | -1737.27 | 0.0 | 0.0 | -2.13e-06 |
| 111 | 286 | 6.021e+06 | 1.605e+05 | 5.49e-03 | 0.0 | 0.0 | -2.189e+04 | -7.526e+04 | -2006.77 | 0.0 | 1.605e+05 | 6.021e+06 |
| | | -2.83e-06 | 0.0 | -1.38e-04 | 0.0 | 80.0 | -2.189e+04 | -7.526e+04 | -2006.77 | 0.0 | 0.0 | -2.83e-06 |
| 111 | 315 | 6.543e+06 | 6.940e+04 | 7.01e-03 | 0.0 | 0.0 | -3.766e+04 | -8.178e+04 | -867.53 | 0.0 | 6.940e+04 | 6.543e+06 |
| | | -2.35e-06 | 0.0 | -1.67e-04 | 0.0 | 80.0 | -3.766e+04 | -8.178e+04 | -867.53 | 0.0 | 0.0 | -2.35e-06 |
| 111 | 325 | 5.154e+06 | 0.0 | 2.57e-03 | 0.0 | 0.0 | -4.954e+04 | -6.442e+04 | 1060.13 | 0.0 | -8.481e+04 | 5.154e+06 |
| | | 0.0 | -8.481e+04 | -2.42e-04 | 0.0 | 80.0 | -4.954e+04 | -6.442e+04 | 1060.13 | 0.0 | 0.0 | 0.0 |
| 111 | 326 | 5.113e+06 | 0.0 | 2.57e-03 | 0.0 | 0.0 | -4.942e+04 | -6.391e+04 | 1244.32 | 0.0 | -9.955e+04 | 5.113e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| | | 0.0 | -9.955e+04 | -2.60e-04 | 0.0 | 80.0 | -4.942e+04 | -6.391e+04 | 1244.32 | 0.0 | 0.0 | 0.0 |
| 111 | 345 | 6.201e+06 | 2.341e+05 | -5.17e-03 | 0.0 | 0.0 | -2.204e+04 | -7.751e+04 | -2926.84 | 0.0 | 2.341e+05 | 6.201e+06 |
| | | 0.0 | 0.0 | -1.64e-04 | 0.0 | 80.0 | -2.204e+04 | -7.751e+04 | -2926.84 | 0.0 | 0.0 | 0.0 |
| 111 | 391 | 3.282e+06 | 7.722e+04 | -1.74e-04 | 0.0 | 0.0 | -1.450e+04 | -4.102e+04 | -965.29 | 0.0 | 7.722e+04 | 3.282e+06 |
| | | 0.0 | 0.0 | -5.07e-05 | 0.0 | 80.0 | -1.450e+04 | -4.102e+04 | -965.29 | 0.0 | 0.0 | 0.0 |
| 111 | 396 | 4.751e+06 | 1.117e+05 | 3.72e-03 | 0.0 | 0.0 | -1.742e+04 | -5.939e+04 | -1396.22 | 0.0 | 1.117e+05 | 4.751e+06 |
| | | -2.08e-06 | 0.0 | -1.06e-04 | 0.0 | 80.0 | -1.742e+04 | -5.939e+04 | -1396.22 | 0.0 | 0.0 | -2.08e-06 |
| 111 | 399 | 5.112e+06 | 3.229e+04 | 4.86e-03 | 0.0 | 0.0 | -2.916e+04 | -6.389e+04 | -403.64 | 0.0 | 3.229e+04 | 5.112e+06 |
| | | -1.72e-06 | 0.0 | -1.41e-04 | 0.0 | 80.0 | -2.916e+04 | -6.389e+04 | -403.64 | 0.0 | 0.0 | -1.72e-06 |
| 111 | 400 | 4.070e+06 | 0.0 | 1.52e-03 | 0.0 | 0.0 | -3.807e+04 | -5.087e+04 | 1042.10 | 0.0 | -8.337e+04 | 4.070e+06 |
| | | 0.0 | -8.337e+04 | -1.97e-04 | 0.0 | 80.0 | -3.807e+04 | -5.087e+04 | 1042.10 | 0.0 | 0.0 | 0.0 |
| 111 | 402 | 4.855e+06 | 1.558e+05 | -4.28e-03 | 0.0 | 0.0 | -1.745e+04 | -6.069e+04 | -1948.12 | 0.0 | 1.558e+05 | 4.855e+06 |
| | | 0.0 | 0.0 | -1.39e-04 | 0.0 | 80.0 | -1.745e+04 | -6.069e+04 | -1948.12 | 0.0 | 0.0 | 0.0 |
| 111 | 407 | 3.282e+06 | 7.722e+04 | -1.74e-04 | 0.0 | 0.0 | -1.450e+04 | -4.102e+04 | -965.29 | 0.0 | 7.722e+04 | 3.282e+06 |
| | | 0.0 | 0.0 | -5.07e-05 | 0.0 | 80.0 | -1.450e+04 | -4.102e+04 | -965.29 | 0.0 | 0.0 | 0.0 |
| 111 | 420 | 3.605e+06 | 7209.32 | -5.45e-03 | 0.0 | 0.0 | -1.246e+04 | -4.506e+04 | -90.12 | 0.0 | 7209.32 | 3.605e+06 |
| | | 5.82e-06 | 0.0 | -2.02e-04 | 0.0 | 80.0 | -1.246e+04 | -4.506e+04 | -90.12 | 0.0 | 0.0 | 5.82e-06 |
| 111 | 423 | 2.958e+06 | 1.472e+05 | 5.10e-03 | 0.0 | 0.0 | -1.653e+04 | -3.698e+04 | -1840.46 | 0.0 | 1.472e+05 | 2.958e+06 |
| | | -5.71e-06 | 0.0 | 1.01e-04 | 0.0 | 80.0 | -1.653e+04 | -3.698e+04 | -1840.46 | 0.0 | 0.0 | -5.71e-06 |
| 111 | 433 | 4.043e+06 | 4.927e+05 | -1.73e-03 | 0.0 | 0.0 | -1.499e+04 | -5.054e+04 | -6158.73 | 0.0 | 4.927e+05 | 4.043e+06 |
| | | -3.55e-06 | 0.0 | 4.38e-04 | 0.0 | 80.0 | -1.499e+04 | -5.054e+04 | -6158.73 | 0.0 | 0.0 | -3.55e-06 |
| 111 | 437 | 4.036e+06 | 5.021e+05 | -1.73e-03 | 0.0 | 0.0 | -1.497e+04 | -5.046e+04 | -6276.14 | 0.0 | 5.021e+05 | 4.036e+06 |
| | | 0.0 | 0.0 | 4.34e-04 | 0.0 | 80.0 | -1.497e+04 | -5.046e+04 | -6276.14 | 0.0 | 0.0 | 0.0 |
| 111 | 438 | 2.527e+06 | 0.0 | 1.39e-03 | 0.0 | 0.0 | -1.402e+04 | -3.158e+04 | 4345.57 | 0.0 | -3.476e+05 | 2.527e+06 |
| | | 0.0 | -3.476e+05 | -5.35e-04 | 0.0 | 80.0 | -1.402e+04 | -3.158e+04 | 4345.57 | 0.0 | 0.0 | 0.0 |
| 111 | 451 | 3.094e+06 | 8.738e+04 | 2.49e-03 | 0.0 | 0.0 | -1.551e+04 | -3.867e+04 | -1092.23 | 0.0 | 8.738e+04 | 3.094e+06 |
| | | -2.83e-06 | 0.0 | 2.50e-06 | 0.0 | 80.0 | -1.551e+04 | -3.867e+04 | -1092.23 | 0.0 | 0.0 | -2.83e-06 |
| 111 | 452 | 3.444e+06 | 4.262e+04 | -2.84e-03 | 0.0 | 0.0 | -1.347e+04 | -4.305e+04 | -532.79 | 0.0 | 4.262e+04 | 3.444e+06 |
| | | 2.93e-06 | 0.0 | -1.26e-04 | 0.0 | 80.0 | -1.347e+04 | -4.305e+04 | -532.79 | 0.0 | 0.0 | 2.93e-06 |
| 111 | 455 | 3.119e+06 | 1.118e+05 | 2.49e-03 | 0.0 | 0.0 | -1.552e+04 | -3.899e+04 | -1397.78 | 0.0 | 1.118e+05 | 3.119e+06 |
| | | -2.81e-06 | 0.0 | 2.46e-05 | 0.0 | 80.0 | -1.552e+04 | -3.899e+04 | -1397.78 | 0.0 | 0.0 | -2.81e-06 |
| 111 | 465 | 3.660e+06 | 2.835e+05 | -9.60e-04 | 0.0 | 0.0 | -1.473e+04 | -4.575e+04 | -3544.17 | 0.0 | 2.835e+05 | 3.660e+06 |
| | | -1.72e-06 | 0.0 | 1.92e-04 | 0.0 | 80.0 | -1.473e+04 | -4.575e+04 | -3544.17 | 0.0 | 0.0 | -1.72e-06 |
| 111 | 469 | 3.657e+06 | 2.882e+05 | -9.61e-04 | 0.0 | 0.0 | -1.473e+04 | -4.571e+04 | -3602.79 | 0.0 | 2.882e+05 | 3.657e+06 |
| | | 0.0 | 0.0 | 1.90e-04 | 0.0 | 80.0 | -1.473e+04 | -4.571e+04 | -3602.79 | 0.0 | 0.0 | 0.0 |
| 111 | 470 | 2.906e+06 | 0.0 | 6.13e-04 | 0.0 | 0.0 | -1.426e+04 | -3.633e+04 | 1672.22 | 0.0 | -1.338e+05 | 2.906e+06 |
| | | 0.0 | -1.338e+05 | -2.91e-04 | 0.0 | 80.0 | -1.426e+04 | -3.633e+04 | 1672.22 | 0.0 | 0.0 | 0.0 |
| 112 | 109 | -1.89e-06 | 3.288e+05 | 9.45e-03 | 0.0 | 0.0 | -2.987e+04 | 1.049e+05 | -4109.67 | 0.0 | 3.288e+05 | -8.389e+06 |
| | | -8.389e+06 | 0.0 | -2.11e-04 | 0.0 | 80.0 | -2.987e+04 | 1.049e+05 | -4109.67 | 0.0 | 0.0 | -1.89e-06 |
| 112 | 149 | 0.0 | 1.420e+04 | -1.39e-03 | 0.0 | 0.0 | -5.325e+04 | 8.585e+04 | -177.52 | 0.0 | 1.420e+04 | -6.868e+06 |
| | | -6.868e+06 | 0.0 | -2.74e-04 | 0.0 | 80.0 | -5.325e+04 | 8.585e+04 | -177.52 | 0.0 | 0.0 | 0.0 |
| 112 | 152 | 0.0 | 0.0 | -1.31e-03 | 0.0 | 0.0 | -4.730e+04 | 6.940e+04 | 301.60 | 0.0 | -2.413e+04 | -5.552e+06 |
| | | -5.552e+06 | -2.413e+04 | -2.79e-04 | 0.0 | 80.0 | -4.730e+04 | 6.940e+04 | 301.60 | 0.0 | 0.0 | 0.0 |
| 112 | 169 | 2.94e-06 | 9.537e+04 | -7.00e-03 | 0.0 | 0.0 | -5.097e+04 | 1.089e+05 | -1192.12 | 0.0 | 9.537e+04 | -8.710e+06 |
| | | -8.710e+06 | 0.0 | -2.18e-04 | 0.0 | 80.0 | -5.097e+04 | 1.089e+05 | -1192.12 | 0.0 | 0.0 | 2.94e-06 |
| 112 | 171 | 2.94e-06 | 7.355e+04 | -7.00e-03 | 0.0 | 0.0 | -5.079e+04 | 1.081e+05 | -919.32 | 0.0 | 7.355e+04 | -8.649e+06 |
| | | -8.649e+06 | 0.0 | -2.45e-04 | 0.0 | 80.0 | -5.079e+04 | 1.081e+05 | -919.32 | 0.0 | 0.0 | 2.94e-06 |
| 112 | 208 | 1.20e-06 | 1.630e+05 | -2.89e-03 | 0.0 | 0.0 | -1.782e+04 | 6.141e+04 | -2037.05 | 0.0 | 1.630e+05 | -4.913e+06 |
| | | -4.913e+06 | 0.0 | -7.05e-05 | 0.0 | 80.0 | -1.782e+04 | 6.141e+04 | -2037.05 | 0.0 | 0.0 | 1.20e-06 |
| 112 | 315 | -1.39e-06 | 2.386e+05 | 6.94e-03 | 0.0 | 0.0 | -2.205e+04 | 7.748e+04 | -2982.15 | 0.0 | 2.386e+05 | -6.198e+06 |
| | | -6.198e+06 | 0.0 | -1.63e-04 | 0.0 | 80.0 | -2.205e+04 | 7.748e+04 | -2982.15 | 0.0 | 0.0 | -1.39e-06 |
| 112 | 335 | 0.0 | 5555.32 | -1.09e-03 | 0.0 | 0.0 | -3.937e+04 | 6.340e+04 | -69.44 | 0.0 | 5555.32 | -5.072e+06 |
| | | -5.072e+06 | 0.0 | -2.09e-04 | 0.0 | 80.0 | -3.937e+04 | 6.340e+04 | -69.44 | 0.0 | 0.0 | 0.0 |
| 112 | 336 | 0.0 | 0.0 | -1.09e-03 | 0.0 | 0.0 | -3.925e+04 | 6.289e+04 | 112.43 | 0.0 | -8994.29 | -5.031e+06 |
| | | -5.031e+06 | -8994.29 | -2.27e-04 | 0.0 | 80.0 | -3.925e+04 | 6.289e+04 | 112.43 | 0.0 | 0.0 | 0.0 |
| 112 | 345 | 2.19e-06 | 6.568e+04 | -5.24e-03 | 0.0 | 0.0 | -3.768e+04 | 8.046e+04 | -821.00 | 0.0 | 6.568e+04 | -6.437e+06 |
| | | -6.437e+06 | 0.0 | -1.68e-04 | 0.0 | 80.0 | -3.768e+04 | 8.046e+04 | -821.00 | 0.0 | 0.0 | 2.19e-06 |
| 112 | 346 | 2.19e-06 | 5.113e+04 | -5.24e-03 | 0.0 | 0.0 | -3.756e+04 | 7.995e+04 | -639.13 | 0.0 | 5.113e+04 | -6.396e+06 |
| | | -6.396e+06 | 0.0 | -1.86e-04 | 0.0 | 80.0 | -3.756e+04 | 7.995e+04 | -639.13 | 0.0 | 0.0 | 2.19e-06 |
| 112 | 364 | 0.0 | 1.301e+05 | -2.27e-03 | 0.0 | 0.0 | -1.741e+04 | 5.701e+04 | -1626.10 | 0.0 | 1.301e+05 | -4.561e+06 |
| | | -4.561e+06 | 0.0 | -7.16e-05 | 0.0 | 80.0 | -1.741e+04 | 5.701e+04 | -1626.10 | 0.0 | 0.0 | 0.0 |
| 112 | 391 | 0.0 | 7.452e+04 | -2.09e-04 | 0.0 | 0.0 | -1.450e+04 | 4.116e+04 | -931.56 | 0.0 | 7.452e+04 | -3.293e+06 |
| | | -3.293e+06 | 0.0 | -5.08e-05 | 0.0 | 80.0 | -1.450e+04 | 4.116e+04 | -931.56 | 0.0 | 0.0 | 0.0 |
| 112 | 399 | 0.0 | 1.551e+05 | 4.80e-03 | 0.0 | 0.0 | -1.745e+04 | 6.097e+04 | -1938.75 | 0.0 | 1.551e+05 | -4.877e+06 |
| | | -4.877e+06 | 0.0 | -1.38e-04 | 0.0 | 80.0 | -1.745e+04 | 6.097e+04 | -1938.75 | 0.0 | 0.0 | 0.0 |
| 112 | 401 | 0.0 | 0.0 | -1.22e-03 | 0.0 | 0.0 | -3.044e+04 | 5.041e+04 | 245.78 | 0.0 | -1.966e+04 | -4.032e+06 |
| | | -4.032e+06 | -1.966e+04 | -1.73e-04 | 0.0 | 80.0 | -3.044e+04 | 5.041e+04 | 245.78 | 0.0 | 0.0 | 0.0 |
| 112 | 402 | 1.74e-06 | 2.543e+04 | -4.33e-03 | 0.0 | 0.0 | -2.917e+04 | 6.320e+04 | -317.89 | 0.0 | 2.543e+04 | -5.056e+06 |
| | | -5.056e+06 | 0.0 | -1.42e-04 | 0.0 | 80.0 | -2.917e+04 | 6.320e+04 | -317.89 | 0.0 | 0.0 | 1.74e-06 |
| 112 | 407 | 0.0 | 7.452e+04 | -2.09e-04 | 0.0 | 0.0 | -1.450e+04 | 4.116e+04 | -931.56 | 0.0 | 7.452e+04 | -3.293e+06 |
| | | -3.293e+06 | 0.0 | -5.08e-05 | 0.0 | 80.0 | -1.450e+04 | 4.116e+04 | -931.56 | 0.0 | 0.0 | 0.0 |
| 112 | 421 | -6.27e-06 | 1.433e+05 | -5.48e-03 | 0.0 | 0.0 | -1.398e+04 | 5.093e+04 | -1791.49 | 0.0 | 1.433e+05 | -4.074e+06 |
| | | -4.074e+06 | 0.0 | 9.81e-05 | 0.0 | 80.0 | -1.398e+04 | 5.093e+04 | -1791.49 | 0.0 | 0.0 | -6.27e-06 |
| 112 | 422 | 6.51e-06 | 5729.81 | 5.06e-03 | 0.0 | 0.0 | -1.502e+04 | 3.139e+04 | -71.62 | 0.0 | 5729.81 | -2.512e+06 |
| | | -2.512e+06 | 0.0 | -2.00e-04 | 0.0 | 80.0 | -1.502e+04 | 3.139e+04 | -71.62 | 0.0 | 0.0 | 6.51e-06 |
| 112 | 425 | 0.0 | 3.908e+05 | -1.81e-03 | 0.0 | 0.0 | -1.576e+04 | 4.996e+04 | -4885.41 | 0.0 | 3.908e+05 | -3.997e+06 |
| | | -3.997e+06 | 0.0 | 3.54e-04 | 0.0 | 80.0 | -1.576e+04 | 4.996e+04 | -4885.41 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| 112 | 426 | 0.0 | 0.0 | 1.39e-03 | 0.0 | 0.0 | -1.324e+04 | 3.236e+04 | 3022.30 | 0.0 | -2.418e+05 | -2.589e+06 |
| | | -2.589e+06 | -2.418e+05 | -4.56e-04 | 0.0 | 80.0 | -1.324e+04 | 3.236e+04 | 3022.30 | 0.0 | 0.0 | 0.0 |
| 112 | 428 | -1.54e-06 | 0.0 | -1.77e-03 | 0.0 | 0.0 | -1.280e+04 | 3.676e+04 | 3003.07 | 0.0 | -2.402e+05 | -2.941e+06 |
| | | -2.941e+06 | -2.402e+05 | -4.57e-04 | 0.0 | 80.0 | -1.280e+04 | 3.676e+04 | 3003.07 | 0.0 | 0.0 | -1.54e-06 |
| 112 | 431 | 1.79e-06 | 3.893e+05 | 1.35e-03 | 0.0 | 0.0 | -1.620e+04 | 4.556e+04 | -4866.18 | 0.0 | 3.893e+05 | -3.645e+06 |
| | | -3.645e+06 | 0.0 | 3.55e-04 | 0.0 | 80.0 | -1.620e+04 | 4.556e+04 | -4866.18 | 0.0 | 0.0 | 1.79e-06 |
| 112 | 451 | 3.29e-06 | 1.220e+05 | 2.46e-03 | 0.0 | 0.0 | -1.502e+04 | 3.823e+04 | -1525.09 | 0.0 | 1.220e+05 | -3.059e+06 |
| | | -3.059e+06 | 0.0 | -2.34e-06 | 0.0 | 80.0 | -1.502e+04 | 3.823e+04 | -1525.09 | 0.0 | 0.0 | 3.29e-06 |
| 112 | 453 | -3.03e-06 | 1.086e+05 | -2.87e-03 | 0.0 | 0.0 | -1.423e+04 | 4.604e+04 | -1357.16 | 0.0 | 1.086e+05 | -3.683e+06 |
| | | -3.683e+06 | 0.0 | 2.31e-05 | 0.0 | 80.0 | -1.423e+04 | 4.604e+04 | -1357.16 | 0.0 | 0.0 | -3.03e-06 |
| 112 | 460 | -1.18e-06 | 0.0 | -1.02e-03 | 0.0 | 0.0 | -1.388e+04 | 3.947e+04 | 659.06 | 0.0 | -5.273e+04 | -3.157e+06 |
| | | -3.157e+06 | -5.273e+04 | -2.18e-04 | 0.0 | 80.0 | -1.388e+04 | 3.947e+04 | 659.06 | 0.0 | 0.0 | -1.18e-06 |
| 112 | 463 | 1.43e-06 | 2.018e+05 | 6.01e-04 | 0.0 | 0.0 | -1.512e+04 | 4.286e+04 | -2522.17 | 0.0 | 2.018e+05 | -3.429e+06 |
| | | -3.429e+06 | 0.0 | 1.16e-04 | 0.0 | 80.0 | -1.512e+04 | 4.286e+04 | -2522.17 | 0.0 | 0.0 | 1.43e-06 |
| 112 | 465 | 0.0 | 2.259e+05 | -9.98e-04 | 0.0 | 0.0 | -1.475e+04 | 4.589e+04 | -2824.28 | 0.0 | 2.259e+05 | -3.671e+06 |
| | | -3.671e+06 | 0.0 | 1.88e-04 | 0.0 | 80.0 | -1.475e+04 | 4.589e+04 | -2824.28 | 0.0 | 0.0 | 0.0 |
| 112 | 466 | 0.0 | 0.0 | 5.80e-04 | 0.0 | 0.0 | -1.424e+04 | 3.643e+04 | 961.17 | 0.0 | -7.689e+04 | -2.915e+06 |
| | | -2.915e+06 | -7.689e+04 | -2.90e-04 | 0.0 | 80.0 | -1.424e+04 | 3.643e+04 | 961.17 | 0.0 | 0.0 | 0.0 |
| 115 | 106 | 4.451e+06 | 0.0 | 4.31e-03 | 0.0 | 0.0 | -1.467e+04 | -5.564e+04 | 1336.04 | 0.0 | -1.069e+05 | 4.451e+06 |
| | | 0.0 | -1.069e+05 | 8.22e-05 | 0.0 | 80.0 | -1.467e+04 | -5.564e+04 | 1336.04 | 0.0 | 0.0 | 0.0 |
| 115 | 111 | 6.677e+06 | 0.0 | 5.48e-03 | 0.0 | 0.0 | -2.197e+04 | -8.347e+04 | 2806.39 | 0.0 | -2.245e+05 | 6.677e+06 |
| | | 0.0 | -2.245e+05 | -9.07e-06 | 0.0 | 80.0 | -2.197e+04 | -8.347e+04 | 2806.39 | 0.0 | 0.0 | 0.0 |
| 115 | 170 | 5.130e+06 | 0.0 | 7.85e-03 | 0.0 | 0.0 | -2.937e+04 | -6.412e+04 | 1432.89 | 0.0 | -1.146e+05 | 5.130e+06 |
| | | -1.04e-06 | -1.146e+05 | 9.92e-06 | 0.0 | 80.0 | -2.937e+04 | -6.412e+04 | 1432.89 | 0.0 | 0.0 | -1.04e-06 |
| 115 | 191 | 5.427e+06 | 1.294e+05 | 3.35e-03 | 0.0 | 0.0 | -4.600e+04 | -6.784e+04 | -1618.06 | 0.0 | 1.294e+05 | 5.427e+06 |
| | | 0.0 | 0.0 | -2.34e-05 | 0.0 | 80.0 | -4.600e+04 | -6.784e+04 | -1618.06 | 0.0 | 0.0 | 0.0 |
| 115 | 194 | 3.501e+06 | 1.723e+05 | 2.71e-03 | 0.0 | 0.0 | -3.266e+04 | -4.377e+04 | -2153.73 | 0.0 | 1.723e+05 | 3.501e+06 |
| | | 0.0 | 0.0 | 8.78e-05 | 0.0 | 80.0 | -3.266e+04 | -4.377e+04 | -2153.73 | 0.0 | 0.0 | 0.0 |
| 115 | 313 | 4.224e+06 | 0.0 | 3.11e-03 | 0.0 | 0.0 | -1.508e+04 | -5.280e+04 | 1233.66 | 0.0 | -9.869e+04 | 4.224e+06 |
| | | 0.0 | -9.869e+04 | 6.87e-05 | 0.0 | 80.0 | -1.508e+04 | -5.280e+04 | 1233.66 | 0.0 | 0.0 | 0.0 |
| 115 | 316 | 4.937e+06 | 0.0 | 4.00e-03 | 0.0 | 0.0 | -1.620e+04 | -6.171e+04 | 2140.25 | 0.0 | -1.712e+05 | 4.937e+06 |
| | | 0.0 | -1.712e+05 | -1.19e-05 | 0.0 | 80.0 | -1.620e+04 | -6.171e+04 | 2140.25 | 0.0 | 0.0 | 0.0 |
| 115 | 345 | 4.724e+06 | 0.0 | 5.73e-03 | 0.0 | 0.0 | -2.597e+04 | -5.905e+04 | 1298.18 | 0.0 | -1.039e+05 | 4.724e+06 |
| | | 0.0 | -1.039e+05 | 1.58e-05 | 0.0 | 80.0 | -2.597e+04 | -5.905e+04 | 1298.18 | 0.0 | 0.0 | 0.0 |
| 115 | 356 | 4.011e+06 | 9.097e+04 | 2.42e-03 | 0.0 | 0.0 | -3.400e+04 | -5.013e+04 | -1137.11 | 0.0 | 9.097e+04 | 4.011e+06 |
| | | 0.0 | 0.0 | -2.25e-05 | 0.0 | 80.0 | -3.400e+04 | -5.013e+04 | -1137.11 | 0.0 | 0.0 | 0.0 |
| 115 | 357 | 3.520e+06 | 1.077e+05 | 1.93e-03 | 0.0 | 0.0 | -2.844e+04 | -4.400e+04 | -1346.42 | 0.0 | 1.077e+05 | 3.520e+06 |
| | | 0.0 | 0.0 | 7.18e-05 | 0.0 | 80.0 | -2.844e+04 | -4.400e+04 | -1346.42 | 0.0 | 0.0 | 0.0 |
| 115 | 393 | 3.224e+06 | 0.0 | -9.30e-05 | 0.0 | 0.0 | -1.450e+04 | -4.031e+04 | 421.94 | 0.0 | -3.376e+04 | 3.224e+06 |
| | | 0.0 | -3.376e+04 | 1.03e-04 | 0.0 | 80.0 | -1.450e+04 | -4.031e+04 | 421.94 | 0.0 | 0.0 | 0.0 |
| 115 | 399 | 4.281e+06 | 0.0 | 2.61e-03 | 0.0 | 0.0 | -1.512e+04 | -5.351e+04 | 1891.55 | 0.0 | -1.513e+05 | 4.281e+06 |
| | | 0.0 | -1.513e+05 | 2.96e-06 | 0.0 | 80.0 | -1.512e+04 | -5.351e+04 | 1891.55 | 0.0 | 0.0 | 0.0 |
| 115 | 402 | 4.152e+06 | 0.0 | 3.91e-03 | 0.0 | 0.0 | -2.253e+04 | -5.190e+04 | 1396.38 | 0.0 | -1.117e+05 | 4.152e+06 |
| | | 0.0 | -1.117e+05 | 1.05e-05 | 0.0 | 80.0 | -2.253e+04 | -5.190e+04 | 1396.38 | 0.0 | 0.0 | 0.0 |
| 115 | 403 | 3.587e+06 | 4.532e+04 | 1.43e-03 | 0.0 | 0.0 | -2.847e+04 | -4.483e+04 | -566.47 | 0.0 | 4.532e+04 | 3.587e+06 |
| | | 0.0 | 0.0 | -4.98e-06 | 0.0 | 80.0 | -2.847e+04 | -4.483e+04 | -566.47 | 0.0 | 0.0 | 0.0 |
| 115 | 407 | 3.293e+06 | 0.0 | -9.26e-05 | 0.0 | 0.0 | -1.450e+04 | -4.116e+04 | 939.79 | 0.0 | -7.518e+04 | 3.293e+06 |
| | | 0.0 | -7.518e+04 | 5.16e-05 | 0.0 | 80.0 | -1.450e+04 | -4.116e+04 | 939.79 | 0.0 | 0.0 | 0.0 |
| 115 | 421 | 2.592e+06 | 2.601e+04 | -5.33e-03 | 0.0 | 0.0 | -1.490e+04 | -3.241e+04 | -325.18 | 0.0 | 2.601e+04 | 2.592e+06 |
| | | -7.74e-06 | 0.0 | 1.43e-04 | 0.0 | 80.0 | -1.490e+04 | -3.241e+04 | -325.18 | 0.0 | 0.0 | -7.74e-06 |
| 115 | 426 | 4.206e+06 | -1.44e-06 | 1.46e-03 | 0.0 | 0.0 | -1.515e+04 | -5.258e+04 | 4285.51 | 0.0 | -3.428e+05 | 4.206e+06 |
| | | 2.55e-06 | -3.428e+05 | -5.29e-04 | 0.0 | 80.0 | -1.515e+04 | -5.258e+04 | 4285.51 | 0.0 | -1.44e-06 | 2.55e-06 |
| 115 | 429 | 2.390e+06 | 2.070e+05 | -1.65e-03 | 0.0 | 0.0 | -1.384e+04 | -2.987e+04 | -2587.36 | 0.0 | 2.070e+05 | 2.390e+06 |
| | | -3.69e-06 | 1.48e+06 | 6.29e-04 | 0.0 | 80.0 | -1.384e+04 | -2.987e+04 | -2587.36 | 0.0 | 1.48e+06 | -3.69e-06 |
| 115 | 430 | 4.196e+06 | -1.48e-06 | 1.46e-03 | 0.0 | 0.0 | -1.516e+04 | -5.245e+04 | 4466.95 | 0.0 | -3.574e+05 | 4.196e+06 |
| | | 3.69e-06 | -3.574e+05 | -5.25e-04 | 0.0 | 80.0 | -1.516e+04 | -5.245e+04 | 4466.95 | 0.0 | -1.48e-06 | 3.69e-06 |
| 115 | 432 | 3.575e+06 | 0.0 | -1.67e-03 | 0.0 | 0.0 | -1.557e+04 | -4.469e+04 | 4147.05 | 0.0 | -3.318e+05 | 3.575e+06 |
| | | 3.61e-06 | -3.318e+05 | -2.77e-04 | 0.0 | 80.0 | -1.557e+04 | -4.469e+04 | 4147.05 | 0.0 | 0.0 | 3.61e-06 |
| 115 | 435 | 3.010e+06 | 1.814e+05 | 1.49e-03 | 0.0 | 0.0 | -1.342e+04 | -3.763e+04 | -2267.47 | 0.0 | 1.814e+05 | 3.010e+06 |
| | | -3.60e-06 | 0.0 | 3.81e-04 | 0.0 | 80.0 | -1.342e+04 | -3.763e+04 | -2267.47 | 0.0 | 0.0 | -3.60e-06 |
| 115 | 442 | 3.679e+06 | 0.0 | 2.55e-03 | 0.0 | 0.0 | -1.428e+04 | -4.598e+04 | 1346.34 | 0.0 | -1.077e+05 | 3.679e+06 |
| | | 0.0 | -1.077e+05 | -2.03e-05 | 0.0 | 80.0 | -1.428e+04 | -4.598e+04 | 1346.34 | 0.0 | 0.0 | 0.0 |
| 115 | 460 | 3.501e+06 | 0.0 | -9.03e-04 | 0.0 | 0.0 | -1.502e+04 | -4.376e+04 | 2710.10 | 0.0 | -2.168e+05 | 3.501e+06 |
| | | -6.08e-06 | -2.168e+05 | -1.81e-04 | 0.0 | 80.0 | -1.502e+04 | -4.376e+04 | 2710.10 | 0.0 | 0.0 | -6.08e-06 |
| 115 | 461 | 2.916e+06 | 7.431e+04 | -8.69e-04 | 0.0 | 0.0 | -1.417e+04 | -3.645e+04 | -928.90 | 0.0 | 7.431e+04 | 2.916e+06 |
| | | 4.19e-06 | 0.0 | 2.82e-04 | 0.0 | 80.0 | -1.417e+04 | -3.645e+04 | -928.90 | 0.0 | 0.0 | 4.19e-06 |
| 115 | 462 | 3.670e+06 | 0.0 | 6.84e-04 | 0.0 | 0.0 | -1.482e+04 | -4.587e+04 | 2808.49 | 0.0 | -2.247e+05 | 3.670e+06 |
| | | -4.18e-06 | -2.247e+05 | -1.79e-04 | 0.0 | 80.0 | -1.482e+04 | -4.587e+04 | 2808.49 | 0.0 | 0.0 | -4.18e-06 |
| 115 | 464 | 3.432e+06 | 0.0 | -8.91e-04 | 0.0 | 0.0 | -1.503e+04 | -4.290e+04 | 2531.13 | 0.0 | -2.025e+05 | 3.432e+06 |
| | | 1.76e-06 | -2.025e+05 | -1.11e-04 | 0.0 | 80.0 | -1.503e+04 | -4.290e+04 | 2531.13 | 0.0 | 0.0 | 1.76e-06 |
| 115 | 467 | 3.153e+06 | 5.212e+04 | 7.06e-04 | 0.0 | 0.0 | -1.397e+04 | -3.942e+04 | -651.54 | 0.0 | 5.212e+04 | 3.153e+06 |
| | | -1.76e-06 | 0.0 | 2.15e-04 | 0.0 | 80.0 | -1.397e+04 | -3.942e+04 | -651.54 | 0.0 | 0.0 | -1.76e-06 |
| 116 | 10 | 0.0 | 0.0 | -4.16e-03 | 0.0 | 0.0 | -1.465e+04 | 5.619e+04 | 1385.45 | 0.0 | -1.108e+05 | -4.495e+06 |
| | | -4.495e+06 | -1.108e+05 | 8.64e-05 | 0.0 | 80.0 | -1.465e+04 | 5.619e+04 | 1385.45 | 0.0 | 0.0 | 0.0 |
| 116 | 209 | 2.08e-06 | 0.0 | -8.07e-03 | 0.0 | 0.0 | -3.943e+04 | 7.791e+04 | 746.58 | 0.0 | -5.973e+04 | -6.233e+06 |
| | | -6.233e+06 | -5.973e+04 | 3.24e-05 | 0.0 | 80.0 | -3.943e+04 | 7.791e+04 | 746.58 | 0.0 | 0.0 | 2.08e-06 |
| 116 | 211 | 2.08e-06 | 0.0 | -8.07e-03 | 0.0 | 0.0 | -3.960e+04 | 7.867e+04 | 1023.57 | 0.0 | -8.189e+04 | -6.294e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|-----------|-----|------------|------------|
| | | -6.294e+06 | -8.189e+04 | 5.86e-06 | 0.0 | 80.0 | -3.960e+04 | 7.867e+04 | 1023.57 | 0.0 | 0.0 | 2.08e-06 |
| 116 | 214 | 1.58e-06 | 1.299e+04 | -5.82e-03 | 0.0 | 0.0 | -2.788e+04 | 5.172e+04 | -162.39 | 0.0 | 1.299e+04 | -4.138e+06 |
| | | -4.138e+06 | 0.0 | 1.10e-04 | 0.0 | 80.0 | -2.788e+04 | 5.172e+04 | -162.39 | 0.0 | 0.0 | 1.58e-06 |
| 116 | 251 | 0.0 | 0.0 | -5.97e-03 | 0.0 | 0.0 | -2.195e+04 | 8.475e+04 | 2971.74 | 0.0 | -2.377e+05 | -6.780e+06 |
| | | -6.780e+06 | -2.377e+05 | -1.00e-05 | 0.0 | 80.0 | -2.195e+04 | 8.475e+04 | 2971.74 | 0.0 | 0.0 | 0.0 |
| 116 | 265 | 0.0 | 0.0 | -3.18e-03 | 0.0 | 0.0 | -1.506e+04 | 5.328e+04 | 1262.60 | 0.0 | -1.010e+05 | -4.263e+06 |
| | | -4.263e+06 | -1.010e+05 | 7.18e-05 | 0.0 | 80.0 | -1.506e+04 | 5.328e+04 | 1262.60 | 0.0 | 0.0 | 0.0 |
| 116 | 267 | 0.0 | 0.0 | -3.18e-03 | 0.0 | 0.0 | -1.517e+04 | 5.343e+04 | 1246.50 | 0.0 | -9.972e+04 | -4.274e+06 |
| | | -4.274e+06 | -9.972e+04 | 7.41e-05 | 0.0 | 80.0 | -1.517e+04 | 5.343e+04 | 1246.50 | 0.0 | 0.0 | 0.0 |
| 116 | 365 | 1.53e-06 | 0.0 | -6.03e-03 | 0.0 | 0.0 | -2.914e+04 | 5.769e+04 | 627.52 | 0.0 | -5.020e+04 | -4.615e+06 |
| | | -4.615e+06 | -5.020e+04 | 1.68e-05 | 0.0 | 80.0 | -2.914e+04 | 5.769e+04 | 627.52 | 0.0 | 0.0 | 1.53e-06 |
| 116 | 366 | 1.53e-06 | 0.0 | -6.03e-03 | 0.0 | 0.0 | -2.926e+04 | 5.820e+04 | 812.18 | 0.0 | -6.497e+04 | -4.656e+06 |
| | | -4.656e+06 | -6.497e+04 | 0.0 | 0.0 | 80.0 | -2.926e+04 | 5.820e+04 | 812.18 | 0.0 | 0.0 | 1.53e-06 |
| 116 | 386 | 0.0 | 0.0 | -4.48e-03 | 0.0 | 0.0 | -1.618e+04 | 6.270e+04 | 2255.27 | 0.0 | -1.804e+05 | -5.016e+06 |
| | | -5.016e+06 | -1.804e+05 | -1.26e-05 | 0.0 | 80.0 | -1.618e+04 | 6.270e+04 | 2255.27 | 0.0 | 0.0 | 0.0 |
| 116 | 393 | 0.0 | 0.0 | -1.28e-04 | 0.0 | 0.0 | -1.449e+04 | 4.039e+04 | 412.88 | 0.0 | -3.303e+04 | -3.231e+06 |
| | | -3.231e+06 | -3.303e+04 | 1.03e-04 | 0.0 | 80.0 | -1.449e+04 | 4.039e+04 | 412.88 | 0.0 | 0.0 | 0.0 |
| 116 | 404 | 1.08e-06 | 0.0 | -4.92e-03 | 0.0 | 0.0 | -2.491e+04 | 5.118e+04 | 845.38 | 0.0 | -6.763e+04 | -4.094e+06 |
| | | -4.094e+06 | -6.763e+04 | 1.14e-05 | 0.0 | 80.0 | -2.491e+04 | 5.118e+04 | 845.38 | 0.0 | 0.0 | 1.08e-06 |
| 116 | 406 | 0.0 | 0.0 | -3.75e-03 | 0.0 | 0.0 | -1.511e+04 | 5.455e+04 | 1927.69 | 0.0 | -1.542e+05 | -4.364e+06 |
| | | -4.364e+06 | -1.542e+05 | 2.55e-06 | 0.0 | 80.0 | -1.511e+04 | 5.455e+04 | 1927.69 | 0.0 | 0.0 | 0.0 |
| 116 | 407 | 0.0 | 0.0 | -1.28e-04 | 0.0 | 0.0 | -1.450e+04 | 4.124e+04 | 937.88 | 0.0 | -7.503e+04 | -3.299e+06 |
| | | -3.299e+06 | -7.503e+04 | 5.19e-05 | 0.0 | 80.0 | -1.450e+04 | 4.124e+04 | 937.88 | 0.0 | 0.0 | 0.0 |
| 116 | 423 | 5.74e-06 | 0.0 | 5.11e-03 | 0.0 | 0.0 | -1.231e+04 | 4.642e+04 | 274.25 | 0.0 | -2.194e+04 | -3.714e+06 |
| | | -3.714e+06 | -2.194e+04 | 1.44e-04 | 0.0 | 80.0 | -1.231e+04 | 4.642e+04 | 274.25 | 0.0 | 0.0 | 5.74e-06 |
| 116 | 424 | 1.45e-06 | 0.0 | -1.72e-03 | 0.0 | 0.0 | -1.711e+04 | 4.835e+04 | 9847.56 | 0.0 | -7.878e+05 | -3.868e+06 |
| | | -3.868e+06 | -7.878e+05 | -5.42e-04 | 0.0 | 80.0 | -1.711e+04 | 4.835e+04 | 9847.56 | 0.0 | 0.0 | 1.45e-06 |
| 116 | 425 | 0.0 | 6.686e+05 | -1.68e-03 | 0.0 | 0.0 | -1.307e+04 | 3.020e+04 | -8357.22 | 0.0 | 6.686e+05 | -2.416e+06 |
| | | -2.416e+06 | 0.0 | 6.42e-04 | 0.0 | 80.0 | -1.307e+04 | 3.020e+04 | -8357.22 | 0.0 | 0.0 | 0.0 |
| 116 | 426 | 0.0 | 0.0 | 1.42e-03 | 0.0 | 0.0 | -1.593e+04 | 5.229e+04 | 1.023e+04 | 0.0 | -8.186e+05 | -4.183e+06 |
| | | -4.183e+06 | -8.186e+05 | -5.39e-04 | 0.0 | 80.0 | -1.593e+04 | 5.229e+04 | 1.023e+04 | 0.0 | 0.0 | 0.0 |
| 116 | 427 | -1.45e-06 | 6.377e+05 | 1.46e-03 | 0.0 | 0.0 | -1.188e+04 | 3.413e+04 | -7971.80 | 0.0 | 6.377e+05 | -2.730e+06 |
| | | -2.730e+06 | 0.0 | 6.46e-04 | 0.0 | 80.0 | -1.188e+04 | 3.413e+04 | -7971.80 | 0.0 | 0.0 | -1.45e-06 |
| 116 | 430 | 1.85e-06 | 0.0 | 1.42e-03 | 0.0 | 0.0 | -1.594e+04 | 5.237e+04 | 1.012e+04 | 0.0 | -8.092e+05 | -4.189e+06 |
| | | -4.189e+06 | -8.092e+05 | -5.43e-04 | 0.0 | 80.0 | -1.594e+04 | 5.237e+04 | 1.012e+04 | 0.0 | 0.0 | 1.85e-06 |
| 116 | 440 | 0.0 | 0.0 | -2.78e-03 | 0.0 | 0.0 | -1.564e+04 | 3.909e+04 | 1344.31 | 0.0 | -1.075e+05 | -3.127e+06 |
| | | -3.127e+06 | -1.075e+05 | -2.11e-05 | 0.0 | 80.0 | -1.564e+04 | 3.909e+04 | 1344.31 | 0.0 | 0.0 | 0.0 |
| 116 | 443 | 0.0 | 0.0 | 2.52e-03 | 0.0 | 0.0 | -1.335e+04 | 4.339e+04 | 531.44 | 0.0 | -4.252e+04 | -3.471e+06 |
| | | -3.471e+06 | -4.252e+04 | 1.25e-04 | 0.0 | 80.0 | -1.335e+04 | 4.339e+04 | 531.44 | 0.0 | 0.0 | 0.0 |
| 116 | 457 | 6.78e-06 | 1.266e+05 | -9.02e-04 | 0.0 | 0.0 | -1.434e+04 | 3.647e+04 | -1582.20 | 0.0 | 1.266e+05 | -2.918e+06 |
| | | -2.918e+06 | 0.0 | 2.84e-04 | 0.0 | 80.0 | -1.434e+04 | 3.647e+04 | -1582.20 | 0.0 | 0.0 | 6.78e-06 |
| 116 | 458 | -6.77e-06 | 0.0 | 6.46e-04 | 0.0 | 0.0 | -1.466e+04 | 4.601e+04 | 3457.95 | 0.0 | -2.766e+05 | -3.681e+06 |
| | | -3.681e+06 | -2.766e+05 | -1.80e-04 | 0.0 | 80.0 | -1.466e+04 | 4.601e+04 | 3457.95 | 0.0 | 0.0 | -6.77e-06 |
| 116 | 462 | -5.59e-06 | 0.0 | 6.46e-04 | 0.0 | 0.0 | -1.466e+04 | 4.605e+04 | 3399.07 | 0.0 | -2.719e+05 | -3.684e+06 |
| | | -3.684e+06 | -2.719e+05 | -1.82e-04 | 0.0 | 80.0 | -1.466e+04 | 4.605e+04 | 3399.07 | 0.0 | 0.0 | -5.59e-06 |
| 116 | 463 | 6.97e-06 | 1.159e+05 | 6.84e-04 | 0.0 | 0.0 | -1.374e+04 | 3.848e+04 | -1448.64 | 0.0 | 1.159e+05 | -3.079e+06 |
| | | -3.079e+06 | 0.0 | 2.84e-04 | 0.0 | 80.0 | -1.374e+04 | 3.848e+04 | -1448.64 | 0.0 | 0.0 | 6.97e-06 |
| 119 | 88 | 3.894e+06 | 0.0 | 1.08e-03 | 0.0 | 0.0 | -1.543e+04 | -4.868e+04 | 1284.15 | 0.0 | -1.027e+05 | 3.894e+06 |
| | | 0.0 | -1.027e+05 | 3.20e-05 | 0.0 | 80.0 | -1.543e+04 | -4.868e+04 | 1284.15 | 0.0 | 0.0 | 0.0 |
| 119 | 171 | 7.210e+06 | 0.0 | 7.79e-03 | 0.0 | 0.0 | -3.998e+04 | -9.012e+04 | 939.26 | 0.0 | -7.514e+04 | 7.210e+06 |
| | | 1.09e-06 | -7.514e+04 | -3.59e-05 | 0.0 | 80.0 | -3.998e+04 | -9.012e+04 | 939.26 | 0.0 | 0.0 | 1.09e-06 |
| 119 | 174 | 4.801e+06 | 8.016e+04 | 6.04e-03 | 0.0 | 0.0 | -2.780e+04 | -6.002e+04 | -1001.98 | 0.0 | 8.016e+04 | 4.801e+06 |
| | | 0.0 | 0.0 | 8.12e-05 | 0.0 | 80.0 | -2.780e+04 | -6.002e+04 | -1001.98 | 0.0 | 0.0 | 0.0 |
| 119 | 189 | 5.859e+06 | 0.0 | 3.31e-03 | 0.0 | 0.0 | -5.470e+04 | -7.324e+04 | 7171.95 | 0.0 | -5.738e+05 | 5.859e+06 |
| | | 0.0 | -5.738e+05 | -6.89e-05 | 0.0 | 80.0 | -5.470e+04 | -7.324e+04 | 7171.95 | 0.0 | 0.0 | 0.0 |
| 119 | 191 | 5.879e+06 | 0.0 | 3.31e-03 | 0.0 | 0.0 | -5.463e+04 | -7.349e+04 | 7804.65 | 0.0 | -6.244e+05 | 5.879e+06 |
| | | 0.0 | -6.244e+05 | -9.60e-05 | 0.0 | 80.0 | -5.463e+04 | -7.349e+04 | 7804.65 | 0.0 | 0.0 | 0.0 |
| 119 | 231 | 6.784e+06 | 0.0 | -7.24e-03 | 0.0 | 0.0 | -2.365e+04 | -8.480e+04 | 2483.17 | 0.0 | -1.987e+05 | 6.784e+06 |
| | | -1.16e-06 | -1.987e+05 | -3.82e-05 | 0.0 | 80.0 | -2.365e+04 | -8.480e+04 | 2483.17 | 0.0 | 0.0 | -1.16e-06 |
| 119 | 304 | 3.788e+06 | 0.0 | 7.16e-04 | 0.0 | 0.0 | -1.494e+04 | -4.734e+04 | 1586.18 | 0.0 | -1.269e+05 | 3.788e+06 |
| | | 0.0 | -1.269e+05 | 2.76e-05 | 0.0 | 80.0 | -1.494e+04 | -4.734e+04 | 1586.18 | 0.0 | 0.0 | 0.0 |
| 119 | 346 | 5.329e+06 | 0.0 | 5.71e-03 | 0.0 | 0.0 | -2.962e+04 | -6.661e+04 | 767.61 | 0.0 | -6.141e+04 | 5.329e+06 |
| | | 0.0 | -6.141e+04 | -3.16e-05 | 0.0 | 80.0 | -2.962e+04 | -6.661e+04 | 767.61 | 0.0 | 0.0 | 0.0 |
| 119 | 347 | 4.464e+06 | 1058.08 | 4.40e-03 | 0.0 | 0.0 | -2.412e+04 | -5.580e+04 | -13.23 | 0.0 | 1058.08 | 4.464e+06 |
| | | 0.0 | 0.0 | 5.97e-05 | 0.0 | 80.0 | -2.412e+04 | -5.580e+04 | -13.23 | 0.0 | 0.0 | 0.0 |
| 119 | 355 | 4.330e+06 | 0.0 | 2.40e-03 | 0.0 | 0.0 | -4.052e+04 | -5.412e+04 | 5431.29 | 0.0 | -4.345e+05 | 4.330e+06 |
| | | 0.0 | -4.345e+05 | -5.81e-05 | 0.0 | 80.0 | -4.052e+04 | -5.412e+04 | 5431.29 | 0.0 | 0.0 | 0.0 |
| 119 | 356 | 4.343e+06 | 0.0 | 2.40e-03 | 0.0 | 0.0 | -4.047e+04 | -5.429e+04 | 5853.08 | 0.0 | -4.682e+05 | 4.343e+06 |
| | | 0.0 | -4.682e+05 | -7.61e-05 | 0.0 | 80.0 | -4.047e+04 | -5.429e+04 | 5853.08 | 0.0 | 0.0 | 0.0 |
| 119 | 376 | 5.014e+06 | 0.0 | -5.42e-03 | 0.0 | 0.0 | -1.752e+04 | -6.267e+04 | 1911.25 | 0.0 | -1.529e+05 | 5.014e+06 |
| | | 0.0 | -1.529e+05 | -3.33e-05 | 0.0 | 80.0 | -1.752e+04 | -6.267e+04 | 1911.25 | 0.0 | 0.0 | 0.0 |
| 119 | 391 | 3.282e+06 | 0.0 | -9.24e-05 | 0.0 | 0.0 | -1.335e+04 | -4.103e+04 | 1881.74 | 0.0 | -1.505e+05 | 3.282e+06 |
| | | 0.0 | -1.505e+05 | 2.78e-05 | 0.0 | 80.0 | -1.335e+04 | -4.103e+04 | 1881.74 | 0.0 | 0.0 | 0.0 |
| 119 | 402 | 4.456e+06 | 0.0 | 3.90e-03 | 0.0 | 0.0 | -2.412e+04 | -5.570e+04 | 1438.21 | 0.0 | -1.151e+05 | 4.456e+06 |
| | | 0.0 | -1.151e+05 | -1.73e-05 | 0.0 | 80.0 | -2.412e+04 | -5.570e+04 | 1438.21 | 0.0 | 0.0 | 0.0 |
| 119 | 403 | 3.717e+06 | 0.0 | 1.41e-03 | 0.0 | 0.0 | -3.226e+04 | -4.646e+04 | 5252.31 | 0.0 | -4.202e+05 | 3.717e+06 |
| | | 0.0 | -4.202e+05 | -5.06e-05 | 0.0 | 80.0 | -3.226e+04 | -4.646e+04 | 5252.31 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| 119 | 405 | 4.220e+06 | 0.0 | -4.46e-03 | 0.0 | 0.0 | -1.505e+04 | -5.275e+04 | 2295.94 | 0.0 | -1.837e+05 | 4.220e+06 |
| | | 0.0 | -1.837e+05 | -1.85e-05 | 0.0 | 80.0 | -1.505e+04 | -5.275e+04 | 2295.94 | 0.0 | 0.0 | 0.0 |
| 119 | 407 | 3.282e+06 | 0.0 | -9.24e-05 | 0.0 | 0.0 | -1.335e+04 | -4.103e+04 | 1881.74 | 0.0 | -1.505e+05 | 3.282e+06 |
| | | 0.0 | -1.505e+05 | 2.78e-05 | 0.0 | 80.0 | -1.335e+04 | -4.103e+04 | 1881.74 | 0.0 | 0.0 | 0.0 |
| 119 | 410 | 3.931e+06 | 0.0 | 5.13e-03 | 0.0 | 0.0 | -1.385e+04 | -4.914e+04 | 3596.63 | 0.0 | -2.877e+05 | 3.931e+06 |
| | | 5.80e-06 | -2.877e+05 | -1.49e-04 | 0.0 | 80.0 | -1.385e+04 | -4.914e+04 | 3596.63 | 0.0 | 0.0 | 5.80e-06 |
| 119 | 412 | 2.719e+06 | 0.0 | -5.33e-03 | 0.0 | 0.0 | -1.263e+04 | -3.399e+04 | 3662.21 | 0.0 | -2.930e+05 | 2.719e+06 |
| | | -6.60e-06 | -2.930e+05 | -6.53e-05 | 0.0 | 80.0 | -1.263e+04 | -3.399e+04 | 3662.21 | 0.0 | 0.0 | -6.60e-06 |
| 119 | 415 | 3.845e+06 | 0.0 | 5.15e-03 | 0.0 | 0.0 | -1.407e+04 | -4.807e+04 | 101.27 | 0.0 | -8101.82 | 3.845e+06 |
| | | 6.59e-06 | -8101.82 | 1.22e-04 | 0.0 | 80.0 | -1.407e+04 | -4.807e+04 | 101.27 | 0.0 | 0.0 | 6.59e-06 |
| 119 | 429 | 2.927e+06 | 3.659e+05 | -1.62e-03 | 0.0 | 0.0 | -1.353e+04 | -3.659e+04 | -4574.16 | 0.0 | 3.659e+05 | 2.927e+06 |
| | | -1.87e-06 | 0.0 | 5.99e-04 | 0.0 | 80.0 | -1.353e+04 | -3.659e+04 | -4574.16 | 0.0 | 0.0 | -1.87e-06 |
| 119 | 430 | 3.637e+06 | 0.0 | 1.44e-03 | 0.0 | 0.0 | -1.317e+04 | -4.546e+04 | 8337.64 | 0.0 | -6.670e+05 | 3.637e+06 |
| | | 1.86e-06 | -6.670e+05 | -5.43e-04 | 0.0 | 80.0 | -1.317e+04 | -4.546e+04 | 8337.64 | 0.0 | 0.0 | 1.86e-06 |
| 119 | 442 | 3.601e+06 | 0.0 | 2.54e-03 | 0.0 | 0.0 | -1.356e+04 | -4.501e+04 | 2751.95 | 0.0 | -2.202e+05 | 3.601e+06 |
| | | 2.39e-06 | -2.202e+05 | -4.35e-05 | 0.0 | 80.0 | -1.356e+04 | -4.501e+04 | 2751.95 | 0.0 | 0.0 | 2.39e-06 |
| 119 | 444 | 3.000e+06 | 0.0 | -2.74e-03 | 0.0 | 0.0 | -1.299e+04 | -3.751e+04 | 2767.18 | 0.0 | -2.214e+05 | 3.000e+06 |
| | | -3.25e-06 | -2.214e+05 | -1.81e-05 | 0.0 | 80.0 | -1.299e+04 | -3.751e+04 | 2767.18 | 0.0 | 0.0 | -3.25e-06 |
| 119 | 456 | 3.265e+06 | 0.0 | -9.01e-04 | 0.0 | 0.0 | -1.294e+04 | -4.082e+04 | 5044.25 | 0.0 | -4.035e+05 | 3.265e+06 |
| | | -1.98e-06 | -4.035e+05 | -2.01e-04 | 0.0 | 80.0 | -1.294e+04 | -4.082e+04 | 5044.25 | 0.0 | 0.0 | -1.98e-06 |
| 119 | 459 | 3.299e+06 | 1.025e+05 | 7.17e-04 | 0.0 | 0.0 | -1.376e+04 | -4.123e+04 | -1280.77 | 0.0 | 1.025e+05 | 3.299e+06 |
| | | 1.97e-06 | 0.0 | 2.58e-04 | 0.0 | 80.0 | -1.376e+04 | -4.123e+04 | -1280.77 | 0.0 | 0.0 | 1.97e-06 |
| 119 | 461 | 3.123e+06 | 1.116e+05 | -8.68e-04 | 0.0 | 0.0 | -1.358e+04 | -3.904e+04 | -1394.45 | 0.0 | 1.116e+05 | 3.123e+06 |
| | | 0.0 | 0.0 | 2.58e-04 | 0.0 | 80.0 | -1.358e+04 | -3.904e+04 | -1394.45 | 0.0 | 0.0 | 0.0 |
| 119 | 462 | 3.441e+06 | 0.0 | 6.84e-04 | 0.0 | 0.0 | -1.312e+04 | -4.301e+04 | 5157.93 | 0.0 | -4.126e+05 | 3.441e+06 |
| | | 0.0 | -4.126e+05 | -2.01e-04 | 0.0 | 80.0 | -1.312e+04 | -4.301e+04 | 5157.93 | 0.0 | 0.0 | 0.0 |
| 120 | 1 | 1.26e-06 | 0.0 | -5.84e-03 | 0.0 | 0.0 | -2.379e+04 | 8.943e+04 | 2699.90 | 0.0 | -2.160e+05 | -7.155e+06 |
| | | -7.155e+06 | -2.160e+05 | -8.17e-06 | 0.0 | 80.0 | -2.379e+04 | 8.943e+04 | 2699.90 | 0.0 | 0.0 | 1.26e-06 |
| 120 | 148 | 0.0 | 0.0 | 1.04e-03 | 0.0 | 0.0 | -1.543e+04 | 4.751e+04 | 1274.47 | 0.0 | -1.020e+05 | -3.801e+06 |
| | | -3.801e+06 | -1.020e+05 | 3.05e-05 | 0.0 | 80.0 | -1.543e+04 | 4.751e+04 | 1274.47 | 0.0 | 0.0 | 0.0 |
| 120 | 209 | 0.0 | 0.0 | -8.03e-03 | 0.0 | 0.0 | -4.535e+04 | 8.825e+04 | 80.07 | 0.0 | -6405.65 | -7.060e+06 |
| | | -7.060e+06 | -6405.65 | -1.31e-05 | 0.0 | 80.0 | -4.535e+04 | 8.825e+04 | 80.07 | 0.0 | 0.0 | 0.0 |
| 120 | 214 | 0.0 | 9.345e+04 | -5.79e-03 | 0.0 | 0.0 | -3.176e+04 | 5.859e+04 | -1168.13 | 0.0 | 9.345e+04 | -4.688e+06 |
| | | -4.688e+06 | 0.0 | 7.80e-05 | 0.0 | 80.0 | -3.176e+04 | 5.859e+04 | -1168.13 | 0.0 | 0.0 | 0.0 |
| 120 | 251 | -1.32e-06 | 0.0 | -5.96e-03 | 0.0 | 0.0 | -2.371e+04 | 9.002e+04 | 3617.66 | 0.0 | -2.894e+05 | -7.202e+06 |
| | | -7.202e+06 | -2.894e+05 | -4.20e-05 | 0.0 | 80.0 | -2.371e+04 | 9.002e+04 | 3617.66 | 0.0 | 0.0 | -1.32e-06 |
| 120 | 261 | 0.0 | 0.0 | -4.38e-03 | 0.0 | 0.0 | -1.756e+04 | 6.624e+04 | 2366.29 | 0.0 | -1.893e+05 | -5.299e+06 |
| | | -5.299e+06 | -1.893e+05 | -2.21e-05 | 0.0 | 80.0 | -1.756e+04 | 6.624e+04 | 2366.29 | 0.0 | 0.0 | 0.0 |
| 120 | 334 | 0.0 | 0.0 | 6.81e-04 | 0.0 | 0.0 | -1.494e+04 | 4.656e+04 | 1571.23 | 0.0 | -1.257e+05 | -3.725e+06 |
| | | -3.725e+06 | -1.257e+05 | 2.65e-05 | 0.0 | 80.0 | -1.494e+04 | 4.656e+04 | 1571.23 | 0.0 | 0.0 | 0.0 |
| 120 | 365 | 0.0 | 0.0 | -6.01e-03 | 0.0 | 0.0 | -3.359e+04 | 6.530e+04 | 173.02 | 0.0 | -1.384e+04 | -5.224e+06 |
| | | -5.224e+06 | -1.384e+04 | -1.67e-05 | 0.0 | 80.0 | -3.359e+04 | 6.530e+04 | 173.02 | 0.0 | 0.0 | 0.0 |
| 120 | 367 | 0.0 | 1.141e+04 | -4.40e-03 | 0.0 | 0.0 | -2.706e+04 | 5.483e+04 | -142.68 | 0.0 | 1.141e+04 | -4.386e+06 |
| | | -4.386e+06 | 0.0 | 5.73e-05 | 0.0 | 80.0 | -2.706e+04 | 5.483e+04 | -142.68 | 0.0 | 0.0 | 0.0 |
| 120 | 386 | 0.0 | 0.0 | -4.47e-03 | 0.0 | 0.0 | -1.756e+04 | 6.660e+04 | 2745.80 | 0.0 | -2.197e+05 | -5.328e+06 |
| | | -5.328e+06 | -2.197e+05 | -3.61e-05 | 0.0 | 80.0 | -1.756e+04 | 6.660e+04 | 2745.80 | 0.0 | 0.0 | 0.0 |
| 120 | 391 | 0.0 | 0.0 | -1.28e-04 | 0.0 | 0.0 | -1.335e+04 | 4.114e+04 | 1876.20 | 0.0 | -1.501e+05 | -3.291e+06 |
| | | -3.291e+06 | -1.501e+05 | 2.83e-05 | 0.0 | 80.0 | -1.335e+04 | 4.114e+04 | 1876.20 | 0.0 | 0.0 | 0.0 |
| 120 | 393 | 0.0 | 0.0 | -1.28e-04 | 0.0 | 0.0 | -1.336e+04 | 4.084e+04 | 910.23 | 0.0 | -7.282e+04 | -3.267e+06 |
| | | -3.267e+06 | -7.282e+04 | 7.94e-05 | 0.0 | 80.0 | -1.336e+04 | 4.084e+04 | 910.23 | 0.0 | 0.0 | 0.0 |
| 120 | 394 | 0.0 | 0.0 | -3.68e-03 | 0.0 | 0.0 | -1.508e+04 | 5.590e+04 | 2727.07 | 0.0 | -2.182e+05 | -4.472e+06 |
| | | -4.472e+06 | -2.182e+05 | -1.68e-05 | 0.0 | 80.0 | -1.508e+04 | 5.590e+04 | 2727.07 | 0.0 | 0.0 | 0.0 |
| 120 | 404 | 0.0 | 0.0 | -4.90e-03 | 0.0 | 0.0 | -2.706e+04 | 5.524e+04 | 1271.61 | 0.0 | -1.017e+05 | -4.419e+06 |
| | | -4.419e+06 | -1.017e+05 | -1.96e-05 | 0.0 | 80.0 | -2.706e+04 | 5.524e+04 | 1271.61 | 0.0 | 0.0 | 0.0 |
| 120 | 406 | 0.0 | 0.0 | -3.74e-03 | 0.0 | 0.0 | -1.507e+04 | 5.608e+04 | 2879.46 | 0.0 | -2.304e+05 | -4.487e+06 |
| | | -4.487e+06 | -2.304e+05 | -2.06e-05 | 0.0 | 80.0 | -1.507e+04 | 5.608e+04 | 2879.46 | 0.0 | 0.0 | 0.0 |
| 120 | 407 | 0.0 | 0.0 | -1.28e-04 | 0.0 | 0.0 | -1.335e+04 | 4.114e+04 | 1876.20 | 0.0 | -1.501e+05 | -3.291e+06 |
| | | -3.291e+06 | -1.501e+05 | 2.83e-05 | 0.0 | 80.0 | -1.335e+04 | 4.114e+04 | 1876.20 | 0.0 | 0.0 | 0.0 |
| 120 | 408 | -6.19e-06 | 0.0 | -5.37e-03 | 0.0 | 0.0 | -1.131e+04 | 3.508e+04 | 6202.57 | 0.0 | -4.962e+05 | -2.807e+06 |
| | | -2.807e+06 | -4.962e+05 | -1.57e-04 | 0.0 | 80.0 | -1.131e+04 | 3.508e+04 | 6202.57 | 0.0 | 0.0 | -6.19e-06 |
| 120 | 411 | 6.22e-06 | 1.960e+05 | 5.12e-03 | 0.0 | 0.0 | -1.540e+04 | 4.719e+04 | -2450.16 | 0.0 | 1.960e+05 | -3.775e+06 |
| | | -3.775e+06 | 0.0 | 2.14e-04 | 0.0 | 80.0 | -1.540e+04 | 4.719e+04 | -2450.16 | 0.0 | 0.0 | 6.22e-06 |
| 120 | 415 | 7.03e-06 | 0.0 | 5.11e-03 | 0.0 | 0.0 | -1.525e+04 | 4.739e+04 | 1017.16 | 0.0 | -8.137e+04 | -3.791e+06 |
| | | -3.791e+06 | -8.137e+04 | 1.34e-04 | 0.0 | 80.0 | -1.525e+04 | 4.739e+04 | 1017.16 | 0.0 | 0.0 | 7.03e-06 |
| 120 | 418 | -5.20e-06 | 0.0 | 5.09e-03 | 0.0 | 0.0 | -1.482e+04 | 4.848e+04 | 7176.24 | 0.0 | -5.741e+05 | -3.878e+06 |
| | | -3.878e+06 | -5.741e+05 | -1.59e-04 | 0.0 | 80.0 | -1.482e+04 | 4.848e+04 | 7176.24 | 0.0 | 0.0 | -5.20e-06 |
| 120 | 425 | -2.39e-06 | 1.217e+06 | -1.66e-03 | 0.0 | 0.0 | -1.379e+04 | 3.720e+04 | -1.521e+04 | 0.0 | 1.217e+06 | -2.39e-06 |
| | | -2.976e+06 | 0.0 | 6.24e-04 | 0.0 | 80.0 | -1.379e+04 | 3.720e+04 | -1.521e+04 | 0.0 | 0.0 | -2.39e-06 |
| 120 | 426 | 2.43e-06 | 0.0 | 1.40e-03 | 0.0 | 0.0 | -1.291e+04 | 4.507e+04 | 1.896e+04 | 0.0 | -1.517e+06 | -3.605e+06 |
| | | -3.605e+06 | -1.517e+06 | -5.67e-04 | 0.0 | 80.0 | -1.291e+04 | 4.507e+04 | 1.896e+04 | 0.0 | 0.0 | 2.43e-06 |
| 120 | 440 | -2.88e-06 | 0.0 | -2.77e-03 | 0.0 | 0.0 | -1.379e+04 | 3.812e+04 | 2796.52 | 0.0 | -2.237e+05 | -2.976e+06 |
| | | -3.050e+06 | -2.237e+05 | -4.45e-05 | 0.0 | 80.0 | -1.379e+04 | 3.812e+04 | 2796.52 | 0.0 | 0.0 | -2.88e-06 |
| 120 | 443 | 2.91e-06 | 0.0 | 2.52e-03 | 0.0 | 0.0 | -1.432e+04 | 4.415e+04 | 955.89 | 0.0 | -7.647e+04 | -3.532e+06 |
| | | -3.532e+06 | -7.647e+04 | 1.01e-04 | 0.0 | 80.0 | -1.432e+04 | 4.415e+04 | 955.89 | 0.0 | 0.0 | 2.91e-06 |
| 120 | 447 | 3.47e-06 | 0.0 | 2.51e-03 | 0.0 | 0.0 | -1.432e+04 | 4.427e+04 | 1453.99 | 0.0 | -1.163e+05 | -3.542e+06 |
| | | -3.542e+06 | -1.163e+05 | 8.05e-05 | 0.0 | 80.0 | -1.432e+04 | 4.427e+04 | 1453.99 | 0.0 | 0.0 | 3.47e-06 |
| 120 | 450 | -2.39e-06 | 0.0 | 2.51e-03 | 0.0 | 0.0 | -1.417e+04 | 4.484e+04 | 3282.85 | 0.0 | -2.626e+05 | -3.587e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| | | -3.587e+06 | -2.626e+05 | -4.53e-05 | 0.0 | 80.0 | -1.417e+04 | 4.484e+04 | 3282.85 | 0.0 | 0.0 | -2.39e-06 |
| 120 | 457 | -1.70e-06 | 2.020e+05 | -9.03e-04 | 0.0 | 0.0 | -1.333e+04 | 3.909e+04 | -2524.48 | 0.0 | 2.020e+05 | -3.127e+06 |
| | | -3.127e+06 | 0.0 | 2.60e-04 | 0.0 | 80.0 | -1.333e+04 | 3.909e+04 | -2524.48 | 0.0 | 0.0 | -1.70e-06 |
| 120 | 458 | 1.73e-06 | 0.0 | 6.48e-04 | 0.0 | 0.0 | -1.338e+04 | 4.318e+04 | 6276.89 | 0.0 | -5.022e+05 | -3.455e+06 |
| | | -3.455e+06 | -5.022e+05 | -2.04e-04 | 0.0 | 80.0 | -1.338e+04 | 4.318e+04 | 6276.89 | 0.0 | 0.0 | 1.73e-06 |
| 123 | 26 | 4.177e+06 | 3.518e+05 | 1.03e-03 | 0.0 | 0.0 | -1.645e+04 | -5.221e+04 | -4397.85 | 0.0 | 3.518e+05 | 4.177e+06 |
| | | 0.0 | 0.0 | 1.52e-05 | 0.0 | 80.0 | -1.645e+04 | -5.221e+04 | -4397.85 | 0.0 | 0.0 | 0.0 |
| 123 | 169 | 8.333e+06 | 4.879e+05 | 7.81e-03 | 0.0 | 0.0 | -4.311e+04 | -1.042e+05 | -6098.63 | 0.0 | 4.879e+05 | 8.333e+06 |
| | | -2.37e-06 | 0.0 | -1.51e-04 | 0.0 | 80.0 | -4.311e+04 | -1.042e+05 | -6098.63 | 0.0 | 0.0 | -2.37e-06 |
| 123 | 172 | 7.078e+06 | 3.747e+05 | 7.85e-03 | 0.0 | 0.0 | -3.844e+04 | -8.847e+04 | -4683.40 | 0.0 | 3.747e+05 | 7.078e+06 |
| | | -2.38e-06 | 0.0 | -1.67e-04 | 0.0 | 80.0 | -3.844e+04 | -8.847e+04 | -4683.40 | 0.0 | 0.0 | -2.38e-06 |
| 123 | 189 | 6.661e+06 | 9.959e+05 | 3.34e-03 | 0.0 | 0.0 | -6.336e+04 | -8.326e+04 | -1.245e+04 | 0.0 | 9.959e+05 | 6.661e+06 |
| | | 0.0 | 0.0 | -2.17e-04 | 0.0 | 80.0 | -6.336e+04 | -8.326e+04 | -1.245e+04 | 0.0 | 0.0 | 0.0 |
| 123 | 191 | 6.641e+06 | 9.452e+05 | 3.34e-03 | 0.0 | 0.0 | -6.344e+04 | -8.301e+04 | -1.182e+04 | 0.0 | 9.452e+05 | 6.641e+06 |
| | | 0.0 | 0.0 | -2.44e-04 | 0.0 | 80.0 | -6.344e+04 | -8.301e+04 | -1.182e+04 | 0.0 | 0.0 | 0.0 |
| 123 | 251 | 7.333e+06 | 4.683e+05 | -5.88e-03 | 0.0 | 0.0 | -2.634e+04 | -9.166e+04 | -5853.24 | 0.0 | 4.683e+05 | 7.333e+06 |
| | | 1.49e-06 | 0.0 | -1.35e-04 | 0.0 | 80.0 | -2.634e+04 | -9.166e+04 | -5853.24 | 0.0 | 0.0 | 1.49e-06 |
| 123 | 273 | 3.991e+06 | 2.937e+05 | 6.76e-04 | 0.0 | 0.0 | -1.570e+04 | -4.989e+04 | -3670.92 | 0.0 | 2.937e+05 | 3.991e+06 |
| | | 0.0 | 0.0 | -4.49e-06 | 0.0 | 80.0 | -1.570e+04 | -4.989e+04 | -3670.92 | 0.0 | 0.0 | 0.0 |
| 123 | 345 | 6.155e+06 | 3.496e+05 | 5.73e-03 | 0.0 | 0.0 | -3.193e+04 | -7.694e+04 | -4369.43 | 0.0 | 3.496e+05 | 6.155e+06 |
| | | -1.74e-06 | 0.0 | -1.18e-04 | 0.0 | 80.0 | -3.193e+04 | -7.694e+04 | -4369.43 | 0.0 | 0.0 | -1.74e-06 |
| 123 | 346 | 6.142e+06 | 3.158e+05 | 5.73e-03 | 0.0 | 0.0 | -3.198e+04 | -7.677e+04 | -3947.65 | 0.0 | 3.158e+05 | 6.142e+06 |
| | | -1.74e-06 | 0.0 | -1.37e-04 | 0.0 | 80.0 | -3.198e+04 | -7.677e+04 | -3947.65 | 0.0 | 0.0 | -1.74e-06 |
| 123 | 355 | 4.917e+06 | 7.258e+05 | 2.41e-03 | 0.0 | 0.0 | -4.694e+04 | -6.146e+04 | -9072.77 | 0.0 | 7.258e+05 | 4.917e+06 |
| | | 0.0 | 0.0 | -1.68e-04 | 0.0 | 80.0 | -4.694e+04 | -6.146e+04 | -9072.77 | 0.0 | 0.0 | 0.0 |
| 123 | 356 | 4.903e+06 | 6.921e+05 | 2.41e-03 | 0.0 | 0.0 | -4.699e+04 | -6.129e+04 | -8650.99 | 0.0 | 6.921e+05 | 4.903e+06 |
| | | 0.0 | 0.0 | -1.86e-04 | 0.0 | 80.0 | -4.699e+04 | -6.129e+04 | -8650.99 | 0.0 | 0.0 | 0.0 |
| 123 | 386 | 5.416e+06 | 3.388e+05 | -4.41e-03 | 0.0 | 0.0 | -1.951e+04 | -6.770e+04 | -4234.53 | 0.0 | 3.388e+05 | 5.416e+06 |
| | | 1.12e-06 | 0.0 | -1.05e-04 | 0.0 | 80.0 | -1.951e+04 | -6.770e+04 | -4234.53 | 0.0 | 0.0 | 1.12e-06 |
| 123 | 393 | 3.306e+06 | 2.259e+05 | -9.23e-05 | 0.0 | 0.0 | -1.334e+04 | -4.133e+04 | -2823.54 | 0.0 | 2.259e+05 | 3.306e+06 |
| | | 0.0 | 0.0 | 2.25e-05 | 0.0 | 80.0 | -1.334e+04 | -4.133e+04 | -2823.54 | 0.0 | 0.0 | 0.0 |
| 123 | 402 | 4.894e+06 | 2.002e+05 | 3.91e-03 | 0.0 | 0.0 | -2.519e+04 | -6.118e+04 | -2502.30 | 0.0 | 2.002e+05 | 4.894e+06 |
| | | -1.23e-06 | 0.0 | -1.04e-04 | 0.0 | 80.0 | -2.519e+04 | -6.118e+04 | -2502.30 | 0.0 | 0.0 | -1.23e-06 |
| 123 | 403 | 3.966e+06 | 4.824e+05 | 1.42e-03 | 0.0 | 0.0 | -3.644e+04 | -4.957e+04 | -6029.81 | 0.0 | 4.824e+05 | 3.966e+06 |
| | | 0.0 | 0.0 | -1.41e-04 | 0.0 | 80.0 | -3.644e+04 | -4.957e+04 | -6029.81 | 0.0 | 0.0 | 0.0 |
| 123 | 406 | 4.350e+06 | 2.174e+05 | -3.70e-03 | 0.0 | 0.0 | -1.583e+04 | -5.438e+04 | -2717.46 | 0.0 | 2.174e+05 | 4.350e+06 |
| | | 0.0 | 0.0 | -8.04e-05 | 0.0 | 80.0 | -1.583e+04 | -5.438e+04 | -2717.46 | 0.0 | 0.0 | 0.0 |
| 123 | 407 | 3.282e+06 | 1.501e+05 | -9.24e-05 | 0.0 | 0.0 | -1.335e+04 | -4.103e+04 | -1875.72 | 0.0 | 1.501e+05 | 3.282e+06 |
| | | 0.0 | 0.0 | -2.88e-05 | 0.0 | 80.0 | -1.335e+04 | -4.103e+04 | -1875.72 | 0.0 | 0.0 | 0.0 |
| 123 | 412 | 2.674e+06 | 0.0 | -5.34e-03 | 0.0 | 0.0 | -1.290e+04 | -3.342e+04 | 665.53 | 0.0 | -5.324e+04 | 2.674e+06 |
| | | -6.28e-06 | -5.324e+04 | -1.21e-04 | 0.0 | 80.0 | -1.290e+04 | -3.342e+04 | 665.53 | 0.0 | 0.0 | -6.28e-06 |
| 123 | 413 | 2.739e+06 | 2.098e+05 | -5.32e-03 | 0.0 | 0.0 | -1.259e+04 | -3.424e+04 | -2622.62 | 0.0 | 2.098e+05 | 2.739e+06 |
| | | -4.44e-06 | 0.0 | 7.72e-05 | 0.0 | 80.0 | -1.259e+04 | -3.424e+04 | -2622.62 | 0.0 | 0.0 | -4.44e-06 |
| 123 | 414 | 3.825e+06 | 9.031e+04 | 5.13e-03 | 0.0 | 0.0 | -1.411e+04 | -4.782e+04 | -1128.82 | 0.0 | 9.031e+04 | 3.825e+06 |
| | | 4.48e-06 | 0.0 | -1.34e-04 | 0.0 | 80.0 | -1.411e+04 | -4.782e+04 | -1128.82 | 0.0 | 0.0 | 4.48e-06 |
| 123 | 419 | 3.936e+06 | 2.876e+05 | 5.14e-03 | 0.0 | 0.0 | -1.388e+04 | -4.920e+04 | -3594.60 | 0.0 | 2.876e+05 | 3.936e+06 |
| | | 2.50e-06 | 0.0 | 1.50e-04 | 0.0 | 80.0 | -1.388e+04 | -4.920e+04 | -3594.60 | 0.0 | 0.0 | 2.50e-06 |
| 123 | 424 | 2.912e+06 | 0.0 | -1.65e-03 | 0.0 | 0.0 | -1.344e+04 | -3.639e+04 | 4578.78 | 0.0 | -3.663e+05 | 2.912e+06 |
| | | 0.0 | -3.663e+05 | -6.00e-04 | 0.0 | 80.0 | -1.344e+04 | -3.639e+04 | 4578.78 | 0.0 | 0.0 | 0.0 |
| 123 | 427 | 3.653e+06 | 6.664e+05 | 1.47e-03 | 0.0 | 0.0 | -1.326e+04 | -4.566e+04 | -8330.21 | 0.0 | 6.664e+05 | 3.653e+06 |
| | | 0.0 | 0.0 | 5.43e-04 | 0.0 | 80.0 | -1.326e+04 | -4.566e+04 | -8330.21 | 0.0 | 0.0 | 0.0 |
| 123 | 441 | 3.015e+06 | 1.894e+05 | -2.73e-03 | 0.0 | 0.0 | -1.294e+04 | -3.769e+04 | -2367.56 | 0.0 | 1.894e+05 | 3.015e+06 |
| | | -3.25e-06 | 0.0 | 4.40e-05 | 0.0 | 80.0 | -1.294e+04 | -3.769e+04 | -2367.56 | 0.0 | 0.0 | -3.25e-06 |
| 123 | 451 | 3.600e+06 | 2.197e+05 | 2.55e-03 | 0.0 | 0.0 | -1.355e+04 | -4.500e+04 | -2745.78 | 0.0 | 2.197e+05 | 3.600e+06 |
| | | 0.0 | 0.0 | 4.37e-05 | 0.0 | 80.0 | -1.355e+04 | -4.500e+04 | -2745.78 | 0.0 | 0.0 | 0.0 |
| 123 | 456 | 3.127e+06 | 0.0 | -8.92e-04 | 0.0 | 0.0 | -1.362e+04 | -3.909e+04 | 1392.44 | 0.0 | -1.114e+05 | 3.127e+06 |
| | | 1.20e-06 | -1.114e+05 | -2.58e-04 | 0.0 | 80.0 | -1.362e+04 | -3.909e+04 | 1392.44 | 0.0 | 0.0 | 1.20e-06 |
| 123 | 457 | 3.264e+06 | 3.900e+05 | -8.78e-04 | 0.0 | 0.0 | -1.290e+04 | -4.080e+04 | -4874.92 | 0.0 | 3.900e+05 | 3.264e+06 |
| | | -2.77e-06 | 0.0 | 2.03e-04 | 0.0 | 80.0 | -1.290e+04 | -4.080e+04 | -4874.92 | 0.0 | 0.0 | -2.77e-06 |
| 123 | 458 | 3.300e+06 | 0.0 | 6.93e-04 | 0.0 | 0.0 | -1.380e+04 | -4.125e+04 | 1123.49 | 0.0 | -8.988e+04 | 3.300e+06 |
| | | 2.81e-06 | -8.988e+04 | -2.60e-04 | 0.0 | 80.0 | -1.380e+04 | -4.125e+04 | 1123.49 | 0.0 | 0.0 | 2.81e-06 |
| 123 | 459 | 3.437e+06 | 4.115e+05 | 7.07e-04 | 0.0 | 0.0 | -1.308e+04 | -4.296e+04 | -5143.88 | 0.0 | 4.115e+05 | 3.437e+06 |
| | | -1.16e-06 | 0.0 | 2.01e-04 | 0.0 | 80.0 | -1.308e+04 | -4.296e+04 | -5143.88 | 0.0 | 0.0 | -1.16e-06 |
| 124 | 26 | 0.0 | 3.625e+05 | 9.81e-04 | 0.0 | 0.0 | -1.645e+04 | 5.120e+04 | -4531.70 | 0.0 | 3.625e+05 | -4.096e+06 |
| | | -4.096e+06 | 0.0 | 1.54e-05 | 0.0 | 80.0 | -1.645e+04 | 5.120e+04 | -4531.70 | 0.0 | 0.0 | 0.0 |
| 124 | 169 | -2.99e-06 | 6.030e+05 | 7.72e-03 | 0.0 | 0.0 | -2.636e+04 | 9.709e+04 | -7538.06 | 0.0 | 6.030e+05 | -7.768e+06 |
| | | -7.768e+06 | 0.0 | -1.48e-04 | 0.0 | 80.0 | -2.636e+04 | 9.709e+04 | -7538.06 | 0.0 | 0.0 | -2.99e-06 |
| 124 | 189 | -1.22e-06 | 5.107e+05 | 3.26e-03 | 0.0 | 0.0 | -2.627e+04 | 8.449e+04 | -6383.68 | 0.0 | 5.107e+05 | -6.759e+06 |
| | | -6.759e+06 | 0.0 | -2.29e-04 | 0.0 | 80.0 | -2.627e+04 | 8.449e+04 | -6383.68 | 0.0 | 0.0 | -1.22e-06 |
| 124 | 209 | 1.84e-06 | 5.146e+05 | -8.06e-03 | 0.0 | 0.0 | -4.940e+04 | 1.030e+05 | -6432.47 | 0.0 | 5.146e+05 | -8.240e+06 |
| | | -8.240e+06 | 0.0 | -1.69e-04 | 0.0 | 80.0 | -4.940e+04 | 1.030e+05 | -6432.47 | 0.0 | 0.0 | 1.84e-06 |
| 124 | 211 | 1.84e-06 | 4.631e+05 | -8.06e-03 | 0.0 | 0.0 | -4.948e+04 | 1.028e+05 | -5789.04 | 0.0 | 4.631e+05 | -8.220e+06 |
| | | -8.220e+06 | 0.0 | -1.96e-04 | 0.0 | 80.0 | -4.948e+04 | 1.028e+05 | -5789.04 | 0.0 | 0.0 | 1.84e-06 |
| 124 | 231 | 5.05e-06 | 4.318e+05 | -7.34e-03 | 0.0 | 0.0 | -3.741e+04 | 1.018e+05 | -5397.82 | 0.0 | 4.318e+05 | -8.142e+06 |
| | | -8.142e+06 | 0.0 | -1.63e-04 | 0.0 | 80.0 | -3.741e+04 | 1.018e+05 | -5397.82 | 0.0 | 0.0 | 5.05e-06 |
| 124 | 273 | 0.0 | 3.008e+05 | 6.34e-04 | 0.0 | 0.0 | -1.570e+04 | 4.923e+04 | -3759.98 | 0.0 | 3.008e+05 | -3.938e+06 |
| | | -3.938e+06 | 0.0 | -4.31e-06 | 0.0 | 80.0 | -1.570e+04 | 4.923e+04 | -3759.98 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| 124 | 345 | -2.20e-06 | 4.340e+05 | 5.66e-03 | 0.0 | 0.0 | -1.953e+04 | 7.177e+04 | -5425.60 | 0.0 | 4.340e+05 | -5.741e+06 |
| | | -5.741e+06 | 0.0 | -1.16e-04 | 0.0 | 80.0 | -1.953e+04 | 7.177e+04 | -5425.60 | 0.0 | 0.0 | -2.20e-06 |
| 124 | 355 | 0.0 | 3.656e+05 | 2.36e-03 | 0.0 | 0.0 | -1.946e+04 | 6.243e+04 | -4570.50 | 0.0 | 3.656e+05 | -4.994e+06 |
| | | -4.994e+06 | 0.0 | -1.76e-04 | 0.0 | 80.0 | -1.946e+04 | 6.243e+04 | -4570.50 | 0.0 | 0.0 | 0.0 |
| 124 | 365 | 1.37e-06 | 3.685e+05 | -6.03e-03 | 0.0 | 0.0 | -3.660e+04 | 7.614e+04 | -4606.64 | 0.0 | 3.685e+05 | -6.092e+06 |
| | | -6.092e+06 | 0.0 | -1.32e-04 | 0.0 | 80.0 | -3.660e+04 | 7.614e+04 | -4606.64 | 0.0 | 0.0 | 1.37e-06 |
| 124 | 366 | 1.37e-06 | 3.342e+05 | -6.03e-03 | 0.0 | 0.0 | -3.665e+04 | 7.597e+04 | -4177.69 | 0.0 | 3.342e+05 | -6.078e+06 |
| | | -6.078e+06 | 0.0 | -1.50e-04 | 0.0 | 80.0 | -3.665e+04 | 7.597e+04 | -4177.69 | 0.0 | 0.0 | 1.37e-06 |
| 124 | 376 | 3.76e-06 | 3.110e+05 | -5.49e-03 | 0.0 | 0.0 | -2.770e+04 | 7.525e+04 | -3887.89 | 0.0 | 3.110e+05 | -6.020e+06 |
| | | -6.020e+06 | 0.0 | -1.26e-04 | 0.0 | 80.0 | -2.770e+04 | 7.525e+04 | -3887.89 | 0.0 | 0.0 | 3.76e-06 |
| 124 | 393 | 0.0 | 2.274e+05 | -1.28e-04 | 0.0 | 0.0 | -1.334e+04 | 4.143e+04 | -2842.67 | 0.0 | 2.274e+05 | -3.315e+06 |
| | | -3.315e+06 | 0.0 | 2.26e-05 | 0.0 | 80.0 | -1.334e+04 | 4.143e+04 | -2842.67 | 0.0 | 0.0 | 0.0 |
| 124 | 402 | -1.56e-06 | 2.587e+05 | 3.86e-03 | 0.0 | 0.0 | -1.588e+04 | 5.769e+04 | -3233.23 | 0.0 | 2.587e+05 | -4.615e+06 |
| | | -4.615e+06 | 0.0 | -1.03e-04 | 0.0 | 80.0 | -1.588e+04 | 5.769e+04 | -3233.23 | 0.0 | 0.0 | -1.56e-06 |
| 124 | 403 | 0.0 | 2.074e+05 | 1.38e-03 | 0.0 | 0.0 | -1.584e+04 | 5.069e+04 | -2591.90 | 0.0 | 2.074e+05 | -4.055e+06 |
| | | -4.055e+06 | 0.0 | -1.48e-04 | 0.0 | 80.0 | -1.584e+04 | 5.069e+04 | -2591.90 | 0.0 | 0.0 | 0.0 |
| 124 | 404 | 1.12e-06 | 2.095e+05 | -4.91e-03 | 0.0 | 0.0 | -2.869e+04 | 6.097e+04 | -2619.01 | 0.0 | 2.095e+05 | -4.878e+06 |
| | | -4.878e+06 | 0.0 | -1.14e-04 | 0.0 | 80.0 | -2.869e+04 | 6.097e+04 | -2619.01 | 0.0 | 0.0 | 1.12e-06 |
| 124 | 405 | 2.91e-06 | 1.921e+05 | -4.51e-03 | 0.0 | 0.0 | -2.198e+04 | 6.043e+04 | -2401.66 | 0.0 | 1.921e+05 | -4.834e+06 |
| | | -4.834e+06 | 0.0 | -9.60e-05 | 0.0 | 80.0 | -2.198e+04 | 6.043e+04 | -2401.66 | 0.0 | 0.0 | 2.91e-06 |
| 124 | 407 | 0.0 | 1.501e+05 | -1.28e-04 | 0.0 | 0.0 | -1.335e+04 | 4.114e+04 | -1876.70 | 0.0 | 1.501e+05 | -3.291e+06 |
| | | -3.291e+06 | 0.0 | -2.82e-05 | 0.0 | 80.0 | -1.335e+04 | 4.114e+04 | -1876.70 | 0.0 | 0.0 | 0.0 |
| 124 | 409 | -1.37e-06 | 5.356e+05 | -5.36e-03 | 0.0 | 0.0 | -1.137e+04 | 3.487e+04 | -6694.91 | 0.0 | 5.356e+05 | -2.790e+06 |
| | | -2.790e+06 | 0.0 | 1.44e-04 | 0.0 | 80.0 | -1.137e+04 | 3.487e+04 | -6694.91 | 0.0 | 0.0 | -1.37e-06 |
| 124 | 410 | 1.46e-06 | 0.0 | 5.11e-03 | 0.0 | 0.0 | -1.533e+04 | 4.740e+04 | 2941.52 | 0.0 | -2.353e+05 | -3.792e+06 |
| | | -3.792e+06 | -2.353e+05 | -2.01e-04 | 0.0 | 80.0 | -1.533e+04 | 4.740e+04 | 2941.52 | 0.0 | 0.0 | 1.46e-06 |
| 124 | 411 | 1.74e-06 | 5.732e+05 | 5.10e-03 | 0.0 | 0.0 | -1.488e+04 | 4.839e+04 | -7164.64 | 0.0 | 5.732e+05 | -3.871e+06 |
| | | -3.871e+06 | 0.0 | 1.58e-04 | 0.0 | 80.0 | -1.488e+04 | 4.839e+04 | -7164.64 | 0.0 | 0.0 | 1.74e-06 |
| 124 | 422 | 7.56e-06 | 8.063e+04 | 5.10e-03 | 0.0 | 0.0 | -1.522e+04 | 4.728e+04 | -1007.92 | 0.0 | 8.063e+04 | -3.782e+06 |
| | | -3.782e+06 | 0.0 | -1.34e-04 | 0.0 | 80.0 | -1.522e+04 | 4.728e+04 | -1007.92 | 0.0 | 0.0 | 7.56e-06 |
| 124 | 428 | -2.26e-06 | 0.0 | -1.69e-03 | 0.0 | 0.0 | -1.357e+04 | 3.749e+04 | 1.519e+04 | 0.0 | -1.215e+06 | -3.000e+06 |
| | | -3.000e+06 | -1.215e+06 | -6.24e-04 | 0.0 | 80.0 | -1.357e+04 | 3.749e+04 | 1.519e+04 | 0.0 | 0.0 | -2.26e-06 |
| 124 | 431 | 2.34e-06 | 1.515e+06 | 1.43e-03 | 0.0 | 0.0 | -1.313e+04 | 4.478e+04 | -1.894e+04 | 0.0 | 1.515e+06 | -3.582e+06 |
| | | -3.582e+06 | 0.0 | 5.67e-04 | 0.0 | 80.0 | -1.313e+04 | 4.478e+04 | -1.894e+04 | 0.0 | 0.0 | 2.34e-06 |
| 124 | 441 | 0.0 | 2.433e+05 | -2.77e-03 | 0.0 | 0.0 | -1.237e+04 | 3.811e+04 | -3041.57 | 0.0 | 2.433e+05 | -3.049e+06 |
| | | -3.049e+06 | 0.0 | 3.79e-05 | 0.0 | 80.0 | -1.237e+04 | 3.811e+04 | -3041.57 | 0.0 | 0.0 | 0.0 |
| 124 | 442 | 0.0 | 5.695e+04 | 2.51e-03 | 0.0 | 0.0 | -1.433e+04 | 4.416e+04 | -711.82 | 0.0 | 5.695e+04 | -3.533e+06 |
| | | -3.533e+06 | 0.0 | -9.48e-05 | 0.0 | 80.0 | -1.433e+04 | 4.416e+04 | -711.82 | 0.0 | 0.0 | 0.0 |
| 124 | 443 | 1.34e-06 | 2.620e+05 | 2.51e-03 | 0.0 | 0.0 | -1.415e+04 | 4.489e+04 | -3275.51 | 0.0 | 2.620e+05 | -3.591e+06 |
| | | -3.591e+06 | 0.0 | 4.49e-05 | 0.0 | 80.0 | -1.415e+04 | 4.489e+04 | -3275.51 | 0.0 | 0.0 | 1.34e-06 |
| 124 | 454 | 3.74e-06 | 1.160e+05 | 2.51e-03 | 0.0 | 0.0 | -1.430e+04 | 4.422e+04 | -1449.68 | 0.0 | 1.160e+05 | -3.538e+06 |
| | | -3.538e+06 | 0.0 | -8.09e-05 | 0.0 | 80.0 | -1.430e+04 | 4.422e+04 | -1449.68 | 0.0 | 0.0 | 3.74e-06 |
| 124 | 460 | -2.59e-06 | 0.0 | -9.27e-04 | 0.0 | 0.0 | -1.338e+04 | 3.893e+04 | 2506.29 | 0.0 | -2.005e+05 | -3.115e+06 |
| | | -3.115e+06 | -2.005e+05 | -2.60e-04 | 0.0 | 80.0 | -1.338e+04 | 3.893e+04 | 2506.29 | 0.0 | 0.0 | -2.59e-06 |
| 124 | 463 | 2.68e-06 | 5.008e+05 | 6.72e-04 | 0.0 | 0.0 | -1.332e+04 | 4.334e+04 | -6259.68 | 0.0 | 5.008e+05 | -3.467e+06 |
| | | -3.467e+06 | 0.0 | 2.03e-04 | 0.0 | 80.0 | -1.332e+04 | 4.334e+04 | -6259.68 | 0.0 | 0.0 | 2.68e-06 |
| 127 | 2 | 6.527e+06 | 2.444e+05 | -5.74e-03 | 0.0 | 0.0 | -2.414e+04 | -8.159e+04 | -3054.50 | 0.0 | 2.444e+05 | 6.527e+06 |
| | | -1.52e-06 | 0.0 | -1.30e-04 | 0.0 | 80.0 | -2.414e+04 | -8.159e+04 | -3054.50 | 0.0 | 0.0 | -1.52e-06 |
| 127 | 108 | 5.119e+06 | 1.650e+05 | 4.31e-03 | 0.0 | 0.0 | -1.781e+04 | -6.399e+04 | -2062.56 | 0.0 | 1.650e+05 | 5.119e+06 |
| | | 0.0 | 0.0 | -7.13e-05 | 0.0 | 80.0 | -1.781e+04 | -6.399e+04 | -2062.56 | 0.0 | 0.0 | 0.0 |
| 127 | 169 | 8.841e+06 | 9.324e+04 | 7.87e-03 | 0.0 | 0.0 | -5.097e+04 | -1.105e+05 | -1165.51 | 0.0 | 9.324e+04 | 8.841e+06 |
| | | 0.0 | 0.0 | -2.21e-04 | 0.0 | 80.0 | -5.097e+04 | -1.105e+05 | -1165.51 | 0.0 | 0.0 | 0.0 |
| 127 | 189 | 7.097e+06 | 0.0 | 3.40e-03 | 0.0 | 0.0 | -6.698e+04 | -8.872e+04 | 1345.40 | 0.0 | -1.076e+05 | 7.097e+06 |
| | | 0.0 | -1.076e+05 | -3.20e-04 | 0.0 | 80.0 | -6.698e+04 | -8.872e+04 | 1345.40 | 0.0 | 0.0 | 0.0 |
| 127 | 192 | 5.782e+06 | 0.0 | 3.44e-03 | 0.0 | 0.0 | -6.103e+04 | -7.227e+04 | 1826.74 | 0.0 | -1.461e+05 | 5.782e+06 |
| | | 0.0 | -1.461e+05 | -3.26e-04 | 0.0 | 80.0 | -6.103e+04 | -7.227e+04 | 1826.74 | 0.0 | 0.0 | 0.0 |
| 127 | 209 | 8.422e+06 | 3.202e+05 | -8.04e-03 | 0.0 | 0.0 | -2.987e+04 | -1.053e+05 | -4002.58 | 0.0 | 3.202e+05 | 8.422e+06 |
| | | 0.0 | 0.0 | -2.40e-04 | 0.0 | 80.0 | -2.987e+04 | -1.053e+05 | -4002.58 | 0.0 | 0.0 | 0.0 |
| 127 | 314 | 4.703e+06 | 1.320e+05 | 3.12e-03 | 0.0 | 0.0 | -1.740e+04 | -5.879e+04 | -1650.13 | 0.0 | 1.320e+05 | 4.703e+06 |
| | | 0.0 | 0.0 | -7.25e-05 | 0.0 | 80.0 | -1.740e+04 | -5.879e+04 | -1650.13 | 0.0 | 0.0 | 0.0 |
| 127 | 345 | 6.524e+06 | 6.437e+04 | 5.77e-03 | 0.0 | 0.0 | -3.767e+04 | -8.154e+04 | -804.62 | 0.0 | 6.437e+04 | 6.524e+06 |
| | | 0.0 | 0.0 | -1.70e-04 | 0.0 | 80.0 | -3.767e+04 | -8.154e+04 | -804.62 | 0.0 | 0.0 | 0.0 |
| 127 | 355 | 5.232e+06 | 0.0 | 2.46e-03 | 0.0 | 0.0 | -4.954e+04 | -6.540e+04 | 1055.32 | 0.0 | -8.443e+04 | 5.232e+06 |
| | | 0.0 | -8.443e+04 | -2.44e-04 | 0.0 | 80.0 | -4.954e+04 | -6.540e+04 | 1055.32 | 0.0 | 0.0 | 0.0 |
| 127 | 356 | 5.191e+06 | 0.0 | 2.46e-03 | 0.0 | 0.0 | -4.942e+04 | -6.489e+04 | 1237.13 | 0.0 | -9.897e+04 | 5.191e+06 |
| | | 0.0 | -9.897e+04 | -2.62e-04 | 0.0 | 80.0 | -4.942e+04 | -6.489e+04 | 1237.13 | 0.0 | 0.0 | 0.0 |
| 127 | 365 | 6.213e+06 | 2.325e+05 | -6.01e-03 | 0.0 | 0.0 | -2.204e+04 | -7.766e+04 | -2906.15 | 0.0 | 2.325e+05 | 6.213e+06 |
| | | 0.0 | 0.0 | -1.84e-04 | 0.0 | 80.0 | -2.204e+04 | -7.766e+04 | -2906.15 | 0.0 | 0.0 | 0.0 |
| 127 | 385 | 5.750e+06 | 1.895e+05 | -4.42e-03 | 0.0 | 0.0 | -2.208e+04 | -7.187e+04 | -2368.89 | 0.0 | 1.895e+05 | 5.750e+06 |
| | | -1.12e-06 | 0.0 | -1.23e-04 | 0.0 | 80.0 | -2.208e+04 | -7.187e+04 | -2368.89 | 0.0 | 0.0 | -1.12e-06 |
| 127 | 392 | 3.336e+06 | 7.391e+04 | 4.11e-04 | 0.0 | 0.0 | -1.450e+04 | -4.171e+04 | -923.84 | 0.0 | 7.391e+04 | 3.336e+06 |
| | | 0.0 | 0.0 | -5.20e-05 | 0.0 | 80.0 | -1.450e+04 | -4.171e+04 | -923.84 | 0.0 | 0.0 | 0.0 |
| 127 | 394 | 4.469e+06 | 1.195e+05 | -3.64e-03 | 0.0 | 0.0 | -1.748e+04 | -5.586e+04 | -1493.37 | 0.0 | 1.195e+05 | 4.469e+06 |
| | | 0.0 | 0.0 | -1.05e-04 | 0.0 | 80.0 | -1.748e+04 | -5.586e+04 | -1493.37 | 0.0 | 0.0 | 0.0 |
| 127 | 402 | 5.057e+06 | 2.624e+04 | 3.94e-03 | 0.0 | 0.0 | -2.918e+04 | -6.322e+04 | -328.03 | 0.0 | 2.624e+04 | 5.057e+06 |
| | | 0.0 | 0.0 | -1.44e-04 | 0.0 | 80.0 | -2.918e+04 | -6.322e+04 | -328.03 | 0.0 | 0.0 | 0.0 |
| 127 | 403 | 4.089e+06 | 0.0 | 1.46e-03 | 0.0 | 0.0 | -3.807e+04 | -5.111e+04 | 1066.91 | 0.0 | -8.535e+04 | 4.089e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| | | 0.0 | -8.535e+04 | -1.99e-04 | 0.0 | 80.0 | -3.807e+04 | -5.111e+04 | 1066.91 | 0.0 | 0.0 | 0.0 |
| 127 | 404 | 4.825e+06 | 1.523e+05 | -4.90e-03 | 0.0 | 0.0 | -1.745e+04 | -6.031e+04 | -1904.18 | 0.0 | 1.523e+05 | 4.825e+06 |
| | | 0.0 | 0.0 | -1.54e-04 | 0.0 | 80.0 | -1.745e+04 | -6.031e+04 | -1904.18 | 0.0 | 0.0 | 0.0 |
| 127 | 407 | 3.293e+06 | 7.501e+04 | -9.26e-05 | 0.0 | 0.0 | -1.450e+04 | -4.116e+04 | -937.58 | 0.0 | 7.501e+04 | 3.293e+06 |
| | | 0.0 | 0.0 | -5.26e-05 | 0.0 | 80.0 | -1.450e+04 | -4.116e+04 | -937.58 | 0.0 | 0.0 | 0.0 |
| 127 | 408 | 2.507e+06 | 0.0 | -5.34e-03 | 0.0 | 0.0 | -1.492e+04 | -3.133e+04 | 413.69 | 0.0 | -3.309e+04 | 2.507e+06 |
| | | -6.04e-06 | -3.309e+04 | -2.18e-04 | 0.0 | 80.0 | -1.492e+04 | -3.133e+04 | 413.69 | 0.0 | 0.0 | -6.04e-06 |
| 127 | 424 | 2.374e+06 | 0.0 | -1.68e-03 | 0.0 | 0.0 | -1.390e+04 | -2.968e+04 | 2582.12 | 0.0 | -2.066e+05 | 2.374e+06 |
| | | -3.33e-06 | -2.066e+05 | -6.29e-04 | 0.0 | 80.0 | -1.390e+04 | -2.968e+04 | 2582.12 | 0.0 | 0.0 | -3.33e-06 |
| 127 | 427 | 4.212e+06 | 3.566e+05 | 1.50e-03 | 0.0 | 0.0 | -1.509e+04 | -5.265e+04 | -4457.27 | 0.0 | 3.566e+05 | 4.212e+06 |
| | | 3.35e-06 | 0.0 | 5.25e-04 | 0.0 | 80.0 | -1.509e+04 | -5.265e+04 | -4457.27 | 0.0 | 0.0 | 3.35e-06 |
| 127 | 431 | 4.222e+06 | 3.421e+05 | 1.50e-03 | 0.0 | 0.0 | -1.509e+04 | -5.278e+04 | -4276.64 | 0.0 | 3.421e+05 | 4.222e+06 |
| | | 1.04e-06 | 0.0 | 5.30e-04 | 0.0 | 80.0 | -1.509e+04 | -5.278e+04 | -4276.64 | 0.0 | 0.0 | 1.04e-06 |
| 127 | 437 | 3.585e+06 | 3.322e+05 | -1.64e-03 | 0.0 | 0.0 | -1.574e+04 | -4.481e+04 | -4151.97 | 0.0 | 3.322e+05 | 3.585e+06 |
| | | 1.32e-06 | 0.0 | 2.77e-04 | 0.0 | 80.0 | -1.574e+04 | -4.481e+04 | -4151.97 | 0.0 | 0.0 | 1.32e-06 |
| 127 | 438 | 3.001e+06 | 0.0 | 1.45e-03 | 0.0 | 0.0 | -1.326e+04 | -3.752e+04 | 2276.81 | 0.0 | -1.821e+05 | 3.001e+06 |
| | | -1.30e-06 | -1.821e+05 | -3.81e-04 | 0.0 | 80.0 | -1.326e+04 | -3.752e+04 | 2276.81 | 0.0 | 0.0 | -1.30e-06 |
| 127 | 451 | 3.678e+06 | 1.073e+05 | 2.56e-03 | 0.0 | 0.0 | -1.438e+04 | -4.598e+04 | -1340.87 | 0.0 | 1.073e+05 | 3.678e+06 |
| | | -2.16e-06 | 0.0 | 2.05e-05 | 0.0 | 80.0 | -1.438e+04 | -4.598e+04 | -1340.87 | 0.0 | 0.0 | -2.16e-06 |
| 127 | 456 | 2.918e+06 | 0.0 | -8.99e-04 | 0.0 | 0.0 | -1.387e+04 | -3.648e+04 | 920.63 | 0.0 | -7.365e+04 | 2.918e+06 |
| | | 2.77e-06 | -7.365e+04 | -2.82e-04 | 0.0 | 80.0 | -1.387e+04 | -3.648e+04 | 920.63 | 0.0 | 0.0 | 2.77e-06 |
| 127 | 457 | 3.500e+06 | 2.159e+05 | -8.73e-04 | 0.0 | 0.0 | -1.533e+04 | -4.374e+04 | -2698.34 | 0.0 | 2.159e+05 | 3.500e+06 |
| | | -4.39e-06 | 0.0 | 1.81e-04 | 0.0 | 80.0 | -1.533e+04 | -4.374e+04 | -2698.34 | 0.0 | 0.0 | -4.39e-06 |
| 127 | 459 | 3.668e+06 | 2.237e+05 | 7.13e-04 | 0.0 | 0.0 | -1.513e+04 | -4.585e+04 | -2795.78 | 0.0 | 2.237e+05 | 3.668e+06 |
| | | -2.74e-06 | 0.0 | 1.78e-04 | 0.0 | 80.0 | -1.513e+04 | -4.585e+04 | -2795.78 | 0.0 | 0.0 | -2.74e-06 |
| 127 | 461 | 3.494e+06 | 2.231e+05 | -8.74e-04 | 0.0 | 0.0 | -1.533e+04 | -4.368e+04 | -2788.93 | 0.0 | 2.231e+05 | 3.494e+06 |
| | | -3.24e-06 | 0.0 | 1.79e-04 | 0.0 | 80.0 | -1.533e+04 | -4.368e+04 | -2788.93 | 0.0 | 0.0 | -3.24e-06 |
| 127 | 462 | 3.092e+06 | 0.0 | 6.89e-04 | 0.0 | 0.0 | -1.367e+04 | -3.865e+04 | 913.77 | 0.0 | -7.310e+04 | 3.092e+06 |
| | | 3.26e-06 | -7.310e+04 | -2.83e-04 | 0.0 | 80.0 | -1.367e+04 | -3.865e+04 | 913.77 | 0.0 | 0.0 | 3.26e-06 |
| 128 | 169 | -1.33e-06 | 3.307e+05 | 7.78e-03 | 0.0 | 0.0 | -2.986e+04 | 1.059e+05 | -4134.30 | 0.0 | 3.307e+05 | -8.474e+06 |
| | | -8.474e+06 | 0.0 | -2.15e-04 | 0.0 | 80.0 | -2.986e+04 | 1.059e+05 | -4134.30 | 0.0 | 0.0 | -1.33e-06 |
| 128 | 208 | 0.0 | 3.341e+04 | -5.86e-03 | 0.0 | 0.0 | -3.857e+04 | 7.011e+04 | -417.63 | 0.0 | 3.341e+04 | -5.609e+06 |
| | | -5.609e+06 | 0.0 | -1.37e-04 | 0.0 | 80.0 | -3.857e+04 | 7.011e+04 | -417.63 | 0.0 | 0.0 | 0.0 |
| 128 | 209 | 0.0 | 5.054e+04 | -8.13e-03 | 0.0 | 0.0 | -5.759e+04 | 1.092e+05 | -631.76 | 0.0 | 5.054e+04 | -8.732e+06 |
| | | -8.732e+06 | 0.0 | -2.46e-04 | 0.0 | 80.0 | -5.759e+04 | 1.092e+05 | -631.76 | 0.0 | 0.0 | 0.0 |
| 128 | 230 | 3.18e-06 | 1.201e+05 | -7.34e-03 | 0.0 | 0.0 | -3.826e+04 | 9.227e+04 | -1500.96 | 0.0 | 1.201e+05 | -7.382e+06 |
| | | -7.382e+06 | 0.0 | -1.78e-04 | 0.0 | 80.0 | -3.826e+04 | 9.227e+04 | -1500.96 | 0.0 | 0.0 | 3.18e-06 |
| 128 | 248 | 0.0 | 1.771e+05 | -4.25e-03 | 0.0 | 0.0 | -1.779e+04 | 6.473e+04 | -2213.99 | 0.0 | 1.771e+05 | -5.178e+06 |
| | | -5.178e+06 | 0.0 | -7.12e-05 | 0.0 | 80.0 | -1.779e+04 | 6.473e+04 | -2213.99 | 0.0 | 0.0 | 0.0 |
| 128 | 345 | 0.0 | 2.396e+05 | 5.70e-03 | 0.0 | 0.0 | -2.204e+04 | 7.820e+04 | -2994.58 | 0.0 | 2.396e+05 | -6.256e+06 |
| | | -6.256e+06 | 0.0 | -1.66e-04 | 0.0 | 80.0 | -2.204e+04 | 7.820e+04 | -2994.58 | 0.0 | 0.0 | 0.0 |
| 128 | 364 | 0.0 | 3.359e+04 | -4.45e-03 | 0.0 | 0.0 | -3.282e+04 | 6.341e+04 | -419.87 | 0.0 | 3.359e+04 | -5.072e+06 |
| | | -5.072e+06 | 0.0 | -1.22e-04 | 0.0 | 80.0 | -3.282e+04 | 6.341e+04 | -419.87 | 0.0 | 0.0 | 0.0 |
| 128 | 365 | 0.0 | 3.201e+04 | -6.08e-03 | 0.0 | 0.0 | -4.258e+04 | 8.058e+04 | -400.10 | 0.0 | 3.201e+04 | -6.447e+06 |
| | | -6.447e+06 | 0.0 | -1.89e-04 | 0.0 | 80.0 | -4.258e+04 | 8.058e+04 | -400.10 | 0.0 | 0.0 | 0.0 |
| 128 | 375 | 2.36e-06 | 9.589e+04 | -5.53e-03 | 0.0 | 0.0 | -3.254e+04 | 7.971e+04 | -1198.64 | 0.0 | 9.589e+04 | -6.377e+06 |
| | | -6.377e+06 | 0.0 | -1.54e-04 | 0.0 | 80.0 | -3.254e+04 | 7.971e+04 | -1198.64 | 0.0 | 0.0 | 2.36e-06 |
| 128 | 384 | 0.0 | 1.403e+05 | -3.25e-03 | 0.0 | 0.0 | -1.739e+04 | 5.941e+04 | -1753.81 | 0.0 | 1.403e+05 | -4.753e+06 |
| | | -4.753e+06 | 0.0 | -7.24e-05 | 0.0 | 80.0 | -1.739e+04 | 5.941e+04 | -1753.81 | 0.0 | 0.0 | 0.0 |
| 128 | 392 | 0.0 | 7.958e+04 | 3.75e-04 | 0.0 | 0.0 | -1.449e+04 | 4.141e+04 | -994.74 | 0.0 | 7.958e+04 | -3.313e+06 |
| | | -3.313e+06 | 0.0 | -5.18e-05 | 0.0 | 80.0 | -1.449e+04 | 4.141e+04 | -994.74 | 0.0 | 0.0 | 0.0 |
| 128 | 402 | 0.0 | 1.530e+05 | 3.89e-03 | 0.0 | 0.0 | -1.745e+04 | 6.100e+04 | -1912.99 | 0.0 | 1.530e+05 | -4.880e+06 |
| | | -4.880e+06 | 0.0 | -1.41e-04 | 0.0 | 80.0 | -1.745e+04 | 6.100e+04 | -1912.99 | 0.0 | 0.0 | 0.0 |
| 128 | 404 | 0.0 | 0.0 | -4.95e-03 | 0.0 | 0.0 | -3.285e+04 | 6.279e+04 | 32.87 | 0.0 | -2629.57 | -5.023e+06 |
| | | -5.023e+06 | -2629.57 | -1.58e-04 | 0.0 | 80.0 | -3.285e+04 | 6.279e+04 | 32.87 | 0.0 | 0.0 | 0.0 |
| 128 | 405 | 1.78e-06 | 4.528e+04 | -4.54e-03 | 0.0 | 0.0 | -2.532e+04 | 6.214e+04 | -566.04 | 0.0 | 4.528e+04 | -4.971e+06 |
| | | -4.971e+06 | 0.0 | -1.32e-04 | 0.0 | 80.0 | -2.532e+04 | 6.214e+04 | -566.04 | 0.0 | 0.0 | 1.78e-06 |
| 128 | 407 | 0.0 | 7.505e+04 | -1.28e-04 | 0.0 | 0.0 | -1.450e+04 | 4.125e+04 | -938.18 | 0.0 | 7.505e+04 | -3.300e+06 |
| | | -3.300e+06 | 0.0 | -5.15e-05 | 0.0 | 80.0 | -1.450e+04 | 4.125e+04 | -938.18 | 0.0 | 0.0 | 0.0 |
| 128 | 413 | 5.11e-06 | 1.281e+05 | -5.36e-03 | 0.0 | 0.0 | -1.663e+04 | 3.621e+04 | -1601.55 | 0.0 | 1.281e+05 | -2.896e+06 |
| | | -2.896e+06 | 0.0 | 4.07e-05 | 0.0 | 80.0 | -1.663e+04 | 3.621e+04 | -1601.55 | 0.0 | 0.0 | 5.11e-06 |
| 128 | 427 | -1.74e-06 | 8.153e+05 | 1.45e-03 | 0.0 | 0.0 | -1.608e+04 | 5.255e+04 | -1.019e+04 | 0.0 | 8.153e+05 | -4.204e+06 |
| | | -4.204e+06 | 0.0 | 5.43e-04 | 0.0 | 80.0 | -1.608e+04 | 5.255e+04 | -1.019e+04 | 0.0 | 0.0 | -1.74e-06 |
| 128 | 428 | 0.0 | 0.0 | -1.71e-03 | 0.0 | 0.0 | -1.292e+04 | 3.002e+04 | 8433.40 | 0.0 | -6.747e+05 | -2.402e+06 |
| | | -2.402e+06 | -6.747e+05 | -6.43e-04 | 0.0 | 80.0 | -1.292e+04 | 3.002e+04 | 8433.40 | 0.0 | 0.0 | 0.0 |
| 128 | 429 | -1.34e-06 | 7.939e+05 | -1.69e-03 | 0.0 | 0.0 | -1.726e+04 | 4.854e+04 | -9924.19 | 0.0 | 7.939e+05 | -3.883e+06 |
| | | -3.883e+06 | 0.0 | 5.43e-04 | 0.0 | 80.0 | -1.726e+04 | 4.854e+04 | -9924.19 | 0.0 | 0.0 | -1.34e-06 |
| 128 | 430 | 1.31e-06 | 0.0 | 1.43e-03 | 0.0 | 0.0 | -1.173e+04 | 3.395e+04 | 8047.84 | 0.0 | -6.438e+05 | -2.716e+06 |
| | | -2.716e+06 | -6.438e+05 | -6.47e-04 | 0.0 | 80.0 | -1.173e+04 | 3.395e+04 | 8047.84 | 0.0 | 0.0 | 1.31e-06 |
| 128 | 431 | 0.0 | 8.248e+05 | 1.46e-03 | 0.0 | 0.0 | -1.607e+04 | 5.247e+04 | -1.031e+04 | 0.0 | 8.248e+05 | -4.198e+06 |
| | | -4.198e+06 | 0.0 | 5.39e-04 | 0.0 | 80.0 | -1.607e+04 | 5.247e+04 | -1.031e+04 | 0.0 | 0.0 | 0.0 |
| 128 | 449 | 0.0 | 1.077e+05 | -2.77e-03 | 0.0 | 0.0 | -1.567e+04 | 3.908e+04 | -1345.74 | 0.0 | 1.077e+05 | -3.127e+06 |
| | | -3.127e+06 | 0.0 | 2.12e-05 | 0.0 | 80.0 | -1.567e+04 | 3.908e+04 | -1345.74 | 0.0 | 0.0 | 0.0 |
| 128 | 450 | 0.0 | 4.245e+04 | 2.51e-03 | 0.0 | 0.0 | -1.332e+04 | 4.341e+04 | -530.61 | 0.0 | 4.245e+04 | -3.473e+06 |
| | | -3.473e+06 | 0.0 | -1.25e-04 | 0.0 | 80.0 | -1.332e+04 | 4.341e+04 | -530.61 | 0.0 | 0.0 | 0.0 |
| 128 | 457 | 6.01e-06 | 2.663e+05 | -9.09e-04 | 0.0 | 0.0 | -1.534e+04 | 4.395e+04 | -3328.91 | 0.0 | 2.663e+05 | -3.516e+06 |
| | | -3.516e+06 | 0.0 | 1.80e-04 | 0.0 | 80.0 | -1.534e+04 | 4.395e+04 | -3328.91 | 0.0 | 0.0 | 6.01e-06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| 128 | 459 | 4.69e-06 | 2.723e+05 | 6.76e-04 | 0.0 | 0.0 | -1.475e+04 | 4.600e+04 | -3403.39 | 0.0 | 2.723e+05 | -3.680e+06 |
| | | -3.680e+06 | 0.0 | 1.82e-04 | 0.0 | 80.0 | -1.475e+04 | 4.600e+04 | -3403.39 | 0.0 | 0.0 | 4.69e-06 |
| 128 | 460 | -5.85e-06 | 0.0 | -9.33e-04 | 0.0 | 0.0 | -1.425e+04 | 3.653e+04 | 1586.05 | 0.0 | -1.269e+05 | -2.923e+06 |
| | | -2.923e+06 | -1.269e+05 | -2.84e-04 | 0.0 | 80.0 | -1.425e+04 | 3.653e+04 | 1586.05 | 0.0 | 0.0 | -5.85e-06 |
| 128 | 463 | 5.82e-06 | 2.770e+05 | 6.77e-04 | 0.0 | 0.0 | -1.474e+04 | 4.596e+04 | -3462.40 | 0.0 | 2.770e+05 | -3.677e+06 |
| | | -3.677e+06 | 0.0 | 1.80e-04 | 0.0 | 80.0 | -1.474e+04 | 4.596e+04 | -3462.40 | 0.0 | 0.0 | 5.82e-06 |
| 131 | 112 | 5.184e+06 | 0.0 | 2.69e-03 | 0.0 | 0.0 | -1.621e+04 | -6.479e+04 | 2149.70 | 0.0 | -1.720e+05 | 5.184e+06 |
| | | 0.0 | -1.720e+05 | -8.96e-06 | 0.0 | 80.0 | -1.621e+04 | -6.479e+04 | 2149.70 | 0.0 | 0.0 | 0.0 |
| 131 | 166 | 4.572e+06 | 0.0 | 2.76e-03 | 0.0 | 0.0 | -1.466e+04 | -5.715e+04 | 1467.09 | 0.0 | -1.174e+05 | 4.572e+06 |
| | | 0.0 | -1.174e+05 | 7.80e-05 | 0.0 | 80.0 | -1.466e+04 | -5.715e+04 | 1467.09 | 0.0 | 0.0 | 0.0 |
| 131 | 171 | 6.796e+06 | 0.0 | 3.51e-03 | 0.0 | 0.0 | -2.197e+04 | -8.494e+04 | 2939.93 | 0.0 | -2.352e+05 | 6.796e+06 |
| | | 0.0 | -2.352e+05 | -9.95e-06 | 0.0 | 80.0 | -2.197e+04 | -8.494e+04 | 2939.93 | 0.0 | 0.0 | 0.0 |
| 131 | 231 | 6.467e+06 | 0.0 | 5.30e-03 | 0.0 | 0.0 | -3.961e+04 | -8.083e+04 | 1124.32 | 0.0 | -8.995e+04 | 6.467e+06 |
| | | 0.0 | -8.995e+04 | 6.70e-06 | 0.0 | 80.0 | -3.961e+04 | -8.083e+04 | 1124.32 | 0.0 | 0.0 | 0.0 |
| 131 | 234 | 4.314e+06 | 5420.97 | 4.10e-03 | 0.0 | 0.0 | -2.788e+04 | -5.392e+04 | -67.76 | 0.0 | 5420.97 | 4.314e+06 |
| | | 0.0 | 0.0 | 1.06e-04 | 0.0 | 80.0 | -2.788e+04 | -5.392e+04 | -67.76 | 0.0 | 0.0 | 0.0 |
| 131 | 316 | 4.754e+06 | 0.0 | 1.95e-03 | 0.0 | 0.0 | -1.621e+04 | -5.942e+04 | 1803.50 | 0.0 | -1.443e+05 | 4.754e+06 |
| | | 0.0 | -1.443e+05 | 4.05e-06 | 0.0 | 80.0 | -1.621e+04 | -5.942e+04 | 1803.50 | 0.0 | 0.0 | 0.0 |
| 131 | 343 | 4.308e+06 | 0.0 | 2.00e-03 | 0.0 | 0.0 | -1.507e+04 | -5.385e+04 | 1324.76 | 0.0 | -1.060e+05 | 4.308e+06 |
| | | 0.0 | -1.060e+05 | 6.59e-05 | 0.0 | 80.0 | -1.507e+04 | -5.385e+04 | 1324.76 | 0.0 | 0.0 | 0.0 |
| 131 | 346 | 5.017e+06 | 0.0 | 2.56e-03 | 0.0 | 0.0 | -1.620e+04 | -6.271e+04 | 2232.82 | 0.0 | -1.786e+05 | 5.017e+06 |
| | | 0.0 | -1.786e+05 | -1.23e-05 | 0.0 | 80.0 | -1.620e+04 | -6.271e+04 | 2232.82 | 0.0 | 0.0 | 0.0 |
| 131 | 374 | 4.188e+06 | 0.0 | 3.00e-03 | 0.0 | 0.0 | -2.507e+04 | -5.235e+04 | 612.40 | 0.0 | -4.899e+04 | 4.188e+06 |
| | | 0.0 | -4.899e+04 | 4.74e-05 | 0.0 | 80.0 | -2.507e+04 | -5.235e+04 | 612.40 | 0.0 | 0.0 | 0.0 |
| 131 | 376 | 4.774e+06 | 0.0 | 3.89e-03 | 0.0 | 0.0 | -2.926e+04 | -5.967e+04 | 887.92 | 0.0 | -7.103e+04 | 4.774e+06 |
| | | 0.0 | -7.103e+04 | 0.0 | 0.0 | 80.0 | -2.926e+04 | -5.967e+04 | 887.92 | 0.0 | 0.0 | 0.0 |
| 131 | 392 | 3.400e+06 | 0.0 | 3.12e-04 | 0.0 | 0.0 | -1.449e+04 | -4.249e+04 | 975.61 | 0.0 | -7.805e+04 | 3.400e+06 |
| | | 0.0 | -7.805e+04 | 5.16e-05 | 0.0 | 80.0 | -1.449e+04 | -4.249e+04 | 975.61 | 0.0 | 0.0 | 0.0 |
| 131 | 399 | 4.100e+06 | 0.0 | 1.20e-03 | 0.0 | 0.0 | -1.513e+04 | -5.125e+04 | 1600.71 | 0.0 | -1.281e+05 | 4.100e+06 |
| | | 0.0 | -1.281e+05 | 1.60e-05 | 0.0 | 80.0 | -1.513e+04 | -5.125e+04 | 1600.71 | 0.0 | 0.0 | 0.0 |
| 131 | 402 | 4.297e+06 | 0.0 | 1.66e-03 | 0.0 | 0.0 | -1.512e+04 | -5.371e+04 | 1922.70 | 0.0 | -1.538e+05 | 4.297e+06 |
| | | 0.0 | -1.538e+05 | 3.74e-06 | 0.0 | 80.0 | -1.512e+04 | -5.371e+04 | 1922.70 | 0.0 | 0.0 | 0.0 |
| 131 | 405 | 4.114e+06 | 0.0 | 2.65e-03 | 0.0 | 0.0 | -2.492e+04 | -5.143e+04 | 914.02 | 0.0 | -7.312e+04 | 4.114e+06 |
| | | 0.0 | -7.312e+04 | 1.30e-05 | 0.0 | 80.0 | -2.492e+04 | -5.143e+04 | 914.02 | 0.0 | 0.0 | 0.0 |
| 131 | 407 | 3.300e+06 | 0.0 | -3.33e-05 | 0.0 | 0.0 | -1.450e+04 | -4.125e+04 | 942.98 | 0.0 | -7.544e+04 | 3.300e+06 |
| | | 0.0 | -7.544e+04 | 5.17e-05 | 0.0 | 80.0 | -1.450e+04 | -4.125e+04 | 942.98 | 0.0 | 0.0 | 0.0 |
| 131 | 408 | 2.079e+06 | 0.0 | -3.40e-03 | 0.0 | 0.0 | -1.694e+04 | -2.599e+04 | 2571.89 | 0.0 | -2.058e+05 | 2.079e+06 |
| | | -1.62e-06 | -2.058e+05 | -7.29e-05 | 0.0 | 80.0 | -1.694e+04 | -2.599e+04 | 2571.89 | 0.0 | 0.0 | -1.62e-06 |
| 131 | 410 | 4.944e+06 | 0.0 | 3.34e-03 | 0.0 | 0.0 | -1.308e+04 | -6.180e+04 | 3157.26 | 0.0 | -2.526e+05 | 4.944e+06 |
| | | 0.0 | -2.526e+05 | -1.00e-04 | 0.0 | 80.0 | -1.308e+04 | -6.180e+04 | 3157.26 | 0.0 | 0.0 | 0.0 |
| 131 | 411 | 4.521e+06 | 5.488e+04 | 3.34e-03 | 0.0 | 0.0 | -1.206e+04 | -5.652e+04 | -685.94 | 0.0 | 5.488e+04 | 4.521e+06 |
| | | 1.63e-06 | 0.0 | 1.77e-04 | 0.0 | 80.0 | -1.206e+04 | -5.652e+04 | -685.94 | 0.0 | 0.0 | 1.63e-06 |
| 131 | 418 | 4.908e+06 | 0.0 | 3.34e-03 | 0.0 | 0.0 | -1.309e+04 | -6.136e+04 | 3589.58 | 0.0 | -2.872e+05 | 4.908e+06 |
| | | -2.97e-06 | -2.872e+05 | -7.30e-05 | 0.0 | 80.0 | -1.309e+04 | -6.136e+04 | 3589.58 | 0.0 | 0.0 | -2.97e-06 |
| 131 | 429 | 2.176e+06 | 4.544e+05 | -1.04e-03 | 0.0 | 0.0 | -1.337e+04 | -2.720e+04 | -5679.86 | 0.0 | 4.544e+05 | 2.176e+06 |
| | | 1.88e-06 | 0.0 | 5.09e-04 | 0.0 | 80.0 | -1.337e+04 | -2.720e+04 | -5679.86 | 0.0 | 0.0 | 1.88e-06 |
| 131 | 430 | 4.424e+06 | 0.0 | 9.78e-04 | 0.0 | 0.0 | -1.562e+04 | -5.531e+04 | 7565.81 | 0.0 | -6.053e+05 | 4.424e+06 |
| | | -1.87e-06 | -6.053e+05 | -4.06e-04 | 0.0 | 80.0 | -1.562e+04 | -5.531e+04 | 7565.81 | 0.0 | 0.0 | -1.87e-06 |
| 131 | 442 | 4.095e+06 | 0.0 | 1.67e-03 | 0.0 | 0.0 | -1.365e+04 | -5.118e+04 | 1829.61 | 0.0 | -1.464e+05 | 4.095e+06 |
| | | 0.0 | -1.464e+05 | -2.30e-05 | 0.0 | 80.0 | -1.365e+04 | -5.118e+04 | 1829.61 | 0.0 | 0.0 | 0.0 |
| 131 | 444 | 2.639e+06 | 0.0 | -1.74e-03 | 0.0 | 0.0 | -1.563e+04 | -3.299e+04 | 1224.79 | 0.0 | -9.798e+04 | 2.639e+06 |
| | | 0.0 | -9.798e+04 | 1.09e-05 | 0.0 | 80.0 | -1.563e+04 | -3.299e+04 | 1224.79 | 0.0 | 0.0 | 0.0 |
| 131 | 447 | 3.961e+06 | 0.0 | 1.67e-03 | 0.0 | 0.0 | -1.337e+04 | -4.952e+04 | 661.16 | 0.0 | -5.289e+04 | 3.961e+06 |
| | | 0.0 | -5.289e+04 | 9.29e-05 | 0.0 | 80.0 | -1.337e+04 | -4.952e+04 | 661.16 | 0.0 | 0.0 | 0.0 |
| 131 | 455 | 3.943e+06 | 0.0 | 1.67e-03 | 0.0 | 0.0 | -1.337e+04 | -4.929e+04 | 876.62 | 0.0 | -7.013e+04 | 3.943e+06 |
| | | -1.42e-06 | -7.013e+04 | 1.07e-04 | 0.0 | 80.0 | -1.337e+04 | -4.929e+04 | 876.62 | 0.0 | 0.0 | -1.42e-06 |
| 131 | 461 | 2.829e+06 | 1.305e+05 | -5.28e-04 | 0.0 | 0.0 | -1.434e+04 | -3.536e+04 | -1631.44 | 0.0 | 1.305e+05 | 2.829e+06 |
| | | 0.0 | 0.0 | 2.77e-04 | 0.0 | 80.0 | -1.434e+04 | -3.536e+04 | -1631.44 | 0.0 | 0.0 | 0.0 |
| 131 | 462 | 3.772e+06 | 0.0 | 4.61e-04 | 0.0 | 0.0 | -1.466e+04 | -4.714e+04 | 3517.39 | 0.0 | -2.814e+05 | 3.772e+06 |
| | | 0.0 | -2.814e+05 | -1.73e-04 | 0.0 | 80.0 | -1.466e+04 | -4.714e+04 | 3517.39 | 0.0 | 0.0 | 0.0 |
| 132 | 3 | 1.19e-06 | 0.0 | -0.01 | 0.0 | 0.0 | -3.089e+04 | 8.836e+04 | 3121.79 | 0.0 | -2.497e+05 | -7.069e+06 |
| | | -7.069e+06 | -2.497e+05 | -2.36e-05 | 0.0 | 80.0 | -3.089e+04 | 8.836e+04 | 3121.79 | 0.0 | 0.0 | 1.19e-06 |
| 132 | 226 | 0.0 | 0.0 | 4.06e-03 | 0.0 | 0.0 | -1.465e+04 | 5.482e+04 | 1229.24 | 0.0 | -9.834e+04 | -4.385e+06 |
| | | -4.385e+06 | -9.834e+04 | 8.83e-05 | 0.0 | 80.0 | -1.465e+04 | 5.482e+04 | 1229.24 | 0.0 | 0.0 | 0.0 |
| 132 | 235 | 0.0 | 0.0 | 4.03e-03 | 0.0 | 0.0 | -2.062e+04 | 7.109e+04 | 1524.27 | 0.0 | -1.219e+05 | -5.687e+06 |
| | | -5.687e+06 | -1.219e+05 | 9.99e-05 | 0.0 | 80.0 | -2.062e+04 | 7.109e+04 | 1524.27 | 0.0 | 0.0 | 0.0 |
| 132 | 251 | 3.12e-06 | 0.0 | -0.01 | 0.0 | 0.0 | -3.957e+04 | 8.536e+04 | 1594.65 | 0.0 | -1.276e+05 | -6.829e+06 |
| | | -6.829e+06 | -1.276e+05 | -1.13e-05 | 0.0 | 80.0 | -3.957e+04 | 8.536e+04 | 1594.65 | 0.0 | 0.0 | 3.12e-06 |
| 132 | 261 | 0.0 | 0.0 | -7.66e-03 | 0.0 | 0.0 | -2.278e+04 | 6.506e+04 | 2287.65 | 0.0 | -1.830e+05 | -5.205e+06 |
| | | -5.205e+06 | -1.830e+05 | -1.40e-05 | 0.0 | 80.0 | -2.278e+04 | 6.506e+04 | 2287.65 | 0.0 | 0.0 | 0.0 |
| 132 | 373 | 0.0 | 0.0 | 2.95e-03 | 0.0 | 0.0 | -1.507e+04 | 5.216e+04 | 1136.84 | 0.0 | -9.095e+04 | -4.173e+06 |
| | | -4.173e+06 | -9.095e+04 | 7.36e-05 | 0.0 | 80.0 | -1.507e+04 | 5.216e+04 | 1136.84 | 0.0 | 0.0 | 0.0 |
| 132 | 378 | 0.0 | 0.0 | 2.95e-03 | 0.0 | 0.0 | -1.520e+04 | 5.252e+04 | 1190.94 | 0.0 | -9.527e+04 | -4.202e+06 |
| | | -4.202e+06 | -9.527e+04 | 6.75e-05 | 0.0 | 80.0 | -1.520e+04 | 5.252e+04 | 1190.94 | 0.0 | 0.0 | 0.0 |
| 132 | 386 | 2.32e-06 | 0.0 | -8.06e-03 | 0.0 | 0.0 | -2.923e+04 | 6.305e+04 | 1226.43 | 0.0 | -9.811e+04 | -5.044e+06 |
| | | -5.044e+06 | -9.811e+04 | -1.33e-05 | 0.0 | 80.0 | -2.923e+04 | 6.305e+04 | 1226.43 | 0.0 | 0.0 | 2.32e-06 |
| 132 | 392 | 0.0 | 0.0 | 2.76e-04 | 0.0 | 0.0 | -1.448e+04 | 4.228e+04 | 1044.87 | 0.0 | -8.359e+04 | -3.382e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| | | -3.382e+06 | -8.359e+04 | 5.23e-05 | 0.0 | 80.0 | -1.448e+04 | 4.228e+04 | 1044.87 | 0.0 | 0.0 | 0.0 |
| 132 | 393 | 0.0 | 0.0 | -6.87e-05 | 0.0 | 0.0 | -1.449e+04 | 4.058e+04 | 455.01 | 0.0 | -3.640e+04 | -3.247e+06 |
| | | -3.247e+06 | -3.640e+04 | 1.00e-04 | 0.0 | 80.0 | -1.449e+04 | 4.058e+04 | 455.01 | 0.0 | 0.0 | 0.0 |
| 132 | 394 | 0.0 | 0.0 | -6.01e-03 | 0.0 | 0.0 | -2.007e+04 | 5.582e+04 | 1957.82 | 0.0 | -1.566e+05 | -4.465e+06 |
| | | -4.465e+06 | -1.566e+05 | -3.70e-06 | 0.0 | 80.0 | -2.007e+04 | 5.582e+04 | 1957.82 | 0.0 | 0.0 | 0.0 |
| 132 | 406 | 1.79e-06 | 0.0 | -6.31e-03 | 0.0 | 0.0 | -2.490e+04 | 5.415e+04 | 1109.41 | 0.0 | -8.875e+04 | -4.332e+06 |
| | | -4.332e+06 | -8.875e+04 | 3.13e-06 | 0.0 | 80.0 | -2.490e+04 | 5.415e+04 | 1109.41 | 0.0 | 0.0 | 1.79e-06 |
| 132 | 407 | 0.0 | 0.0 | -6.88e-05 | 0.0 | 0.0 | -1.449e+04 | 4.130e+04 | 942.91 | 0.0 | -7.543e+04 | -3.304e+06 |
| | | -3.304e+06 | -7.543e+04 | 5.11e-05 | 0.0 | 80.0 | -1.449e+04 | 4.130e+04 | 942.91 | 0.0 | 0.0 | 0.0 |
| 132 | 408 | 1.15e-06 | 0.0 | -3.43e-03 | 0.0 | 0.0 | -1.837e+04 | 2.657e+04 | 1387.58 | 0.0 | -1.110e+05 | -2.126e+06 |
| | | -2.126e+06 | -1.110e+05 | -9.75e-05 | 0.0 | 80.0 | -1.837e+04 | 2.657e+04 | 1387.58 | 0.0 | 0.0 | 1.15e-06 |
| 132 | 410 | 0.0 | 0.0 | 3.29e-03 | 0.0 | 0.0 | -1.124e+04 | 6.098e+04 | 2940.75 | 0.0 | -2.353e+05 | -4.879e+06 |
| | | -4.879e+06 | -2.353e+05 | -7.21e-05 | 0.0 | 80.0 | -1.124e+04 | 6.098e+04 | 2940.75 | 0.0 | 0.0 | 0.0 |
| 132 | 411 | -1.14e-06 | 0.0 | 3.29e-03 | 0.0 | 0.0 | -1.061e+04 | 5.602e+04 | 498.23 | 0.0 | -3.986e+04 | -4.481e+06 |
| | | -4.481e+06 | -3.986e+04 | 2.01e-04 | 0.0 | 80.0 | -1.061e+04 | 5.602e+04 | 498.23 | 0.0 | 0.0 | -1.14e-06 |
| 132 | 420 | 2.92e-06 | 0.0 | -3.43e-03 | 0.0 | 0.0 | -1.828e+04 | 2.543e+04 | 1218.14 | 0.0 | -9.745e+04 | -2.035e+06 |
| | | -2.035e+06 | -9.745e+04 | -3.31e-05 | 0.0 | 80.0 | -1.828e+04 | 2.543e+04 | 1218.14 | 0.0 | 0.0 | 2.92e-06 |
| 132 | 425 | 0.0 | 2.689e+05 | -1.07e-03 | 0.0 | 0.0 | -1.452e+04 | 2.786e+04 | -3360.94 | 0.0 | 2.689e+05 | -2.228e+06 |
| | | -2.228e+06 | 0.0 | 5.04e-04 | 0.0 | 80.0 | -1.452e+04 | 2.786e+04 | -3360.94 | 0.0 | 0.0 | 0.0 |
| 132 | 426 | 0.0 | 0.0 | 9.35e-04 | 0.0 | 0.0 | -1.446e+04 | 5.474e+04 | 5246.75 | 0.0 | -4.197e+05 | -4.379e+06 |
| | | -4.379e+06 | -4.197e+05 | -4.00e-04 | 0.0 | 80.0 | -1.446e+04 | 5.474e+04 | 5246.75 | 0.0 | 0.0 | 0.0 |
| 132 | 442 | 0.0 | 0.0 | 1.62e-03 | 0.0 | 0.0 | -1.280e+04 | 5.083e+04 | 1881.43 | 0.0 | -1.505e+05 | -4.066e+06 |
| | | -4.066e+06 | -1.505e+05 | -9.47e-06 | 0.0 | 80.0 | -1.280e+04 | 5.083e+04 | 1881.43 | 0.0 | 0.0 | 0.0 |
| 132 | 444 | 0.0 | 0.0 | -1.77e-03 | 0.0 | 0.0 | -1.644e+04 | 3.335e+04 | 1021.23 | 0.0 | -8.170e+04 | -2.668e+06 |
| | | -2.668e+06 | -8.170e+04 | -2.47e-06 | 0.0 | 80.0 | -1.644e+04 | 3.335e+04 | 1021.23 | 0.0 | 0.0 | 0.0 |
| 132 | 447 | 0.0 | 0.0 | 1.63e-03 | 0.0 | 0.0 | -1.254e+04 | 4.924e+04 | 864.58 | 0.0 | -6.917e+04 | -3.940e+06 |
| | | -3.940e+06 | -6.917e+04 | 1.06e-04 | 0.0 | 80.0 | -1.254e+04 | 4.924e+04 | 864.58 | 0.0 | 0.0 | 0.0 |
| 132 | 452 | 1.48e-06 | 0.0 | -1.77e-03 | 0.0 | 0.0 | -1.642e+04 | 3.336e+04 | 1075.89 | 0.0 | -8.607e+04 | -2.669e+06 |
| | | -2.669e+06 | -8.607e+04 | 9.86e-06 | 0.0 | 80.0 | -1.642e+04 | 3.336e+04 | 1075.89 | 0.0 | 0.0 | 1.48e-06 |
| 132 | 457 | 0.0 | 8.071e+04 | -5.60e-04 | 0.0 | 0.0 | -1.463e+04 | 3.560e+04 | -1008.82 | 0.0 | 8.071e+04 | -2.848e+06 |
| | | -2.848e+06 | 0.0 | 2.76e-04 | 0.0 | 80.0 | -1.463e+04 | 3.560e+04 | -1008.82 | 0.0 | 0.0 | 0.0 |
| 132 | 458 | 0.0 | 0.0 | 4.23e-04 | 0.0 | 0.0 | -1.435e+04 | 4.699e+04 | 2894.63 | 0.0 | -2.316e+05 | -3.759e+06 |
| | | -3.759e+06 | -2.316e+05 | -1.72e-04 | 0.0 | 80.0 | -1.435e+04 | 4.699e+04 | 2894.63 | 0.0 | 0.0 | 0.0 |
| 135 | 4 | 5.909e+06 | 0.0 | -0.01 | 0.0 | 0.0 | -1.893e+04 | -7.386e+04 | 2048.43 | 0.0 | -1.639e+05 | 5.909e+06 |
| | | 0.0 | -1.639e+05 | -7.17e-05 | 0.0 | 80.0 | -1.893e+04 | -7.386e+04 | 2048.43 | 0.0 | 0.0 | 0.0 |
| 135 | 148 | 3.952e+06 | 0.0 | 6.68e-04 | 0.0 | 0.0 | -1.543e+04 | -4.940e+04 | 1317.51 | 0.0 | -1.054e+05 | 3.952e+06 |
| | | 0.0 | -1.054e+05 | 3.10e-05 | 0.0 | 80.0 | -1.543e+04 | -4.940e+04 | 1317.51 | 0.0 | 0.0 | 0.0 |
| 135 | 171 | 7.193e+06 | 0.0 | 3.50e-03 | 0.0 | 0.0 | -2.369e+04 | -8.991e+04 | 3601.98 | 0.0 | -2.882e+05 | 7.193e+06 |
| | | 0.0 | -2.882e+05 | -4.19e-05 | 0.0 | 80.0 | -2.369e+04 | -8.991e+04 | 3601.98 | 0.0 | 0.0 | 0.0 |
| 135 | 211 | 7.254e+06 | 0.0 | 4.63e-03 | 0.0 | 0.0 | -3.458e+04 | -9.068e+04 | 1864.80 | 0.0 | -1.492e+05 | 7.254e+06 |
| | | 0.0 | -1.492e+05 | -3.61e-05 | 0.0 | 80.0 | -3.458e+04 | -9.068e+04 | 1864.80 | 0.0 | 0.0 | 0.0 |
| 135 | 229 | 7.206e+06 | 0.0 | 5.27e-03 | 0.0 | 0.0 | -4.534e+04 | -9.008e+04 | 202.73 | 0.0 | -1.622e+04 | 7.206e+06 |
| | | 0.0 | -1.622e+04 | -1.34e-05 | 0.0 | 80.0 | -4.534e+04 | -9.008e+04 | 202.73 | 0.0 | 0.0 | 0.0 |
| 135 | 234 | 4.836e+06 | 8.373e+04 | 4.08e-03 | 0.0 | 0.0 | -3.176e+04 | -6.046e+04 | -1046.60 | 0.0 | 8.373e+04 | 4.836e+06 |
| | | 0.0 | 0.0 | 7.47e-05 | 0.0 | 80.0 | -3.176e+04 | -6.046e+04 | -1046.60 | 0.0 | 0.0 | 0.0 |
| 135 | 334 | 3.826e+06 | 0.0 | 4.46e-04 | 0.0 | 0.0 | -1.495e+04 | -4.783e+04 | 1605.21 | 0.0 | -1.284e+05 | 3.826e+06 |
| | | 0.0 | -1.284e+05 | 2.70e-05 | 0.0 | 80.0 | -1.495e+04 | -4.783e+04 | 1605.21 | 0.0 | 0.0 | 0.0 |
| 135 | 346 | 5.310e+06 | 0.0 | 2.55e-03 | 0.0 | 0.0 | -1.755e+04 | -6.637e+04 | 2734.10 | 0.0 | -2.187e+05 | 5.310e+06 |
| | | 0.0 | -2.187e+05 | -3.58e-05 | 0.0 | 80.0 | -1.755e+04 | -6.637e+04 | 2734.10 | 0.0 | 0.0 | 0.0 |
| 135 | 366 | 5.355e+06 | 0.0 | 3.39e-03 | 0.0 | 0.0 | -2.561e+04 | -6.694e+04 | 1447.30 | 0.0 | -1.158e+05 | 5.355e+06 |
| | | 0.0 | -1.158e+05 | -3.15e-05 | 0.0 | 80.0 | -2.561e+04 | -6.694e+04 | 1447.30 | 0.0 | 0.0 | 0.0 |
| 135 | 375 | 5.321e+06 | 0.0 | 3.87e-03 | 0.0 | 0.0 | -3.358e+04 | -6.651e+04 | 262.35 | 0.0 | -2.099e+04 | 5.321e+06 |
| | | 0.0 | -2.099e+04 | -1.66e-05 | 0.0 | 80.0 | -3.358e+04 | -6.651e+04 | 262.35 | 0.0 | 0.0 | 0.0 |
| 135 | 377 | 4.485e+06 | 4277.16 | 2.98e-03 | 0.0 | 0.0 | -2.706e+04 | -5.606e+04 | -53.46 | 0.0 | 4277.16 | 4.485e+06 |
| | | 0.0 | 0.0 | 5.53e-05 | 0.0 | 80.0 | -2.706e+04 | -5.606e+04 | -53.46 | 0.0 | 0.0 | 0.0 |
| 135 | 391 | 3.290e+06 | 0.0 | -3.32e-05 | 0.0 | 0.0 | -1.335e+04 | -4.113e+04 | 1881.92 | 0.0 | -1.506e+05 | 3.290e+06 |
| | | 0.0 | -1.506e+05 | 2.80e-05 | 0.0 | 80.0 | -1.335e+04 | -4.113e+04 | 1881.92 | 0.0 | 0.0 | 0.0 |
| 135 | 394 | 4.376e+06 | 0.0 | -5.95e-03 | 0.0 | 0.0 | -1.505e+04 | -5.470e+04 | 2451.30 | 0.0 | -1.961e+05 | 4.376e+06 |
| | | 0.0 | -1.961e+05 | -2.98e-05 | 0.0 | 80.0 | -1.505e+04 | -5.470e+04 | 2451.30 | 0.0 | 0.0 | 0.0 |
| 135 | 402 | 4.401e+06 | 0.0 | 1.65e-03 | 0.0 | 0.0 | -1.506e+04 | -5.502e+04 | 2878.34 | 0.0 | -2.303e+05 | 4.401e+06 |
| | | 0.0 | -2.303e+05 | -1.94e-05 | 0.0 | 80.0 | -1.506e+04 | -5.502e+04 | 2878.34 | 0.0 | 0.0 | 0.0 |
| 135 | 404 | 4.436e+06 | 0.0 | 2.28e-03 | 0.0 | 0.0 | -2.111e+04 | -5.544e+04 | 1913.24 | 0.0 | -1.531e+05 | 4.436e+06 |
| | | 0.0 | -1.531e+05 | -1.64e-05 | 0.0 | 80.0 | -2.111e+04 | -5.544e+04 | 1913.24 | 0.0 | 0.0 | 0.0 |
| 135 | 405 | 4.419e+06 | 0.0 | 2.64e-03 | 0.0 | 0.0 | -2.705e+04 | -5.524e+04 | 1336.54 | 0.0 | -1.069e+05 | 4.419e+06 |
| | | 0.0 | -1.069e+05 | -1.78e-05 | 0.0 | 80.0 | -2.705e+04 | -5.524e+04 | 1336.54 | 0.0 | 0.0 | 0.0 |
| 135 | 407 | 3.290e+06 | 0.0 | -3.32e-05 | 0.0 | 0.0 | -1.335e+04 | -4.113e+04 | 1881.92 | 0.0 | -1.506e+05 | 3.290e+06 |
| | | 0.0 | -1.506e+05 | 2.80e-05 | 0.0 | 80.0 | -1.335e+04 | -4.113e+04 | 1881.92 | 0.0 | 0.0 | 0.0 |
| 135 | 408 | 1.909e+06 | 0.0 | -3.40e-03 | 0.0 | 0.0 | -1.137e+04 | -2.387e+04 | 4715.25 | 0.0 | -3.772e+05 | 1.909e+06 |
| | | 0.0 | -3.772e+05 | -9.84e-05 | 0.0 | 80.0 | -1.137e+04 | -2.387e+04 | 4715.25 | 0.0 | 0.0 | 0.0 |
| 135 | 410 | 4.753e+06 | 0.0 | 3.34e-03 | 0.0 | 0.0 | -1.491e+04 | -5.942e+04 | 6189.59 | 0.0 | -4.952e+05 | 4.753e+06 |
| | | 0.0 | -4.952e+05 | -1.23e-04 | 0.0 | 80.0 | -1.491e+04 | -5.942e+04 | 6189.59 | 0.0 | 0.0 | 0.0 |
| 135 | 411 | 4.671e+06 | 7.611e+04 | 3.33e-03 | 0.0 | 0.0 | -1.533e+04 | -5.839e+04 | -951.40 | 0.0 | 7.611e+04 | 4.671e+06 |
| | | 0.0 | 0.0 | 1.55e-04 | 0.0 | 80.0 | -1.533e+04 | -5.839e+04 | -951.40 | 0.0 | 0.0 | 0.0 |
| 135 | 419 | 4.652e+06 | 1.608e+04 | 3.33e-03 | 0.0 | 0.0 | -1.532e+04 | -5.816e+04 | -201.06 | 0.0 | 1.608e+04 | 4.652e+06 |
| | | -1.95e-06 | 0.0 | 1.82e-04 | 0.0 | 80.0 | -1.532e+04 | -5.816e+04 | -201.06 | 0.0 | 0.0 | -1.95e-06 |
| 135 | 429 | 2.731e+06 | 8.373e+05 | -1.05e-03 | 0.0 | 0.0 | -1.353e+04 | -3.414e+04 | -1.047e+04 | 0.0 | 8.373e+05 | 2.731e+06 |
| | | 0.0 | 0.0 | 4.88e-04 | 0.0 | 80.0 | -1.353e+04 | -3.414e+04 | -1.047e+04 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|-----------|-----|------------|------------|
| 135 | 430 | 3.849e+06 | 0.0 | 9.85e-04 | 0.0 | 0.0 | -1.317e+04 | -4.811e+04 | 1.423e+04 | 0.0 | -1.138e+06 | 3.849e+06 |
| | | 0.0 | -1.138e+06 | -4.31e-04 | 0.0 | 80.0 | -1.317e+04 | -4.811e+04 | 1.423e+04 | 0.0 | 0.0 | 0.0 |
| 135 | 440 | 2.598e+06 | 0.0 | -1.73e-03 | 0.0 | 0.0 | -1.236e+04 | -3.247e+04 | 2809.86 | 0.0 | -2.248e+05 | 2.598e+06 |
| | | 0.0 | -2.248e+05 | -3.34e-05 | 0.0 | 80.0 | -1.236e+04 | -3.247e+04 | 2809.86 | 0.0 | 0.0 | 0.0 |
| 135 | 442 | 4.019e+06 | 0.0 | 1.67e-03 | 0.0 | 0.0 | -1.416e+04 | -5.024e+04 | 3545.84 | 0.0 | -2.837e+05 | 4.019e+06 |
| | | 0.0 | -2.837e+05 | -4.58e-05 | 0.0 | 80.0 | -1.416e+04 | -5.024e+04 | 3545.84 | 0.0 | 0.0 | 0.0 |
| 135 | 443 | 3.982e+06 | 0.0 | 1.66e-03 | 0.0 | 0.0 | -1.434e+04 | -4.978e+04 | 953.99 | 0.0 | -7.632e+04 | 3.982e+06 |
| | | 0.0 | -7.632e+04 | 9.02e-05 | 0.0 | 80.0 | -1.434e+04 | -4.978e+04 | 953.99 | 0.0 | 0.0 | 0.0 |
| 135 | 450 | 4.010e+06 | 0.0 | 1.67e-03 | 0.0 | 0.0 | -1.415e+04 | -5.012e+04 | 3921.29 | 0.0 | -3.137e+05 | 4.010e+06 |
| | | -1.17e-06 | -3.137e+05 | -3.27e-05 | 0.0 | 80.0 | -1.415e+04 | -5.012e+04 | 3921.29 | 0.0 | 0.0 | -1.17e-06 |
| 135 | 461 | 3.018e+06 | 2.129e+05 | -5.68e-04 | 0.0 | 0.0 | -1.339e+04 | -3.773e+04 | -2660.85 | 0.0 | 2.129e+05 | 3.018e+06 |
| | | 1.13e-06 | 0.0 | 2.53e-04 | 0.0 | 80.0 | -1.339e+04 | -3.773e+04 | -2660.85 | 0.0 | 0.0 | 1.13e-06 |
| 135 | 462 | 3.562e+06 | 0.0 | 5.02e-04 | 0.0 | 0.0 | -1.331e+04 | -4.452e+04 | 6424.70 | 0.0 | -5.140e+05 | 3.562e+06 |
| | | -1.13e-06 | -5.140e+05 | -1.96e-04 | 0.0 | 80.0 | -1.331e+04 | -4.452e+04 | 6424.70 | 0.0 | 0.0 | -1.13e-06 |
| 136 | 3 | 0.0 | 0.0 | -0.01 | 0.0 | 0.0 | -3.458e+04 | 9.689e+04 | 2938.13 | 0.0 | -2.351e+05 | -7.751e+06 |
| | | -7.751e+06 | -2.351e+05 | -6.08e-05 | 0.0 | 80.0 | -3.458e+04 | 9.689e+04 | 2938.13 | 0.0 | 0.0 | 0.0 |
| 136 | 28 | 0.0 | 0.0 | 6.08e-04 | 0.0 | 0.0 | -1.543e+04 | 4.869e+04 | 1399.82 | 0.0 | -1.120e+05 | -3.895e+06 |
| | | -3.895e+06 | -1.120e+05 | 3.18e-05 | 0.0 | 80.0 | -1.543e+04 | 4.869e+04 | 1399.82 | 0.0 | 0.0 | 0.0 |
| 136 | 163 | 0.0 | 0.0 | 2.66e-03 | 0.0 | 0.0 | -2.369e+04 | 8.370e+04 | 3044.20 | 0.0 | -2.435e+05 | -6.696e+06 |
| | | -6.696e+06 | -2.435e+05 | 4.16e-05 | 0.0 | 80.0 | -2.369e+04 | 8.370e+04 | 3044.20 | 0.0 | 0.0 | 0.0 |
| 136 | 230 | 1.25e-06 | 0.0 | 5.22e-03 | 0.0 | 0.0 | -1.901e+04 | 7.392e+04 | 1116.40 | 0.0 | -8.931e+04 | -5.914e+06 |
| | | -5.914e+06 | -8.931e+04 | -2.79e-05 | 0.0 | 80.0 | -1.901e+04 | 7.392e+04 | 1116.40 | 0.0 | 0.0 | 1.25e-06 |
| 136 | 249 | 0.0 | 0.0 | -0.01 | 0.0 | 0.0 | -4.535e+04 | 9.514e+04 | 986.07 | 0.0 | -7.889e+04 | -7.611e+06 |
| | | -7.611e+06 | -7.889e+04 | -3.16e-05 | 0.0 | 80.0 | -4.535e+04 | 9.514e+04 | 986.07 | 0.0 | 0.0 | 0.0 |
| 136 | 254 | 0.0 | 3.021e+04 | -7.93e-03 | 0.0 | 0.0 | -3.176e+04 | 6.412e+04 | -377.57 | 0.0 | 3.021e+04 | -5.129e+06 |
| | | -5.129e+06 | 0.0 | 6.10e-05 | 0.0 | 80.0 | -3.176e+04 | 6.412e+04 | -377.57 | 0.0 | 0.0 | 0.0 |
| 136 | 261 | 0.0 | 0.0 | -7.64e-03 | 0.0 | 0.0 | -2.560e+04 | 7.148e+04 | 2070.31 | 0.0 | -1.656e+05 | -5.718e+06 |
| | | -5.718e+06 | -1.656e+05 | -4.13e-05 | 0.0 | 80.0 | -2.560e+04 | 7.148e+04 | 2070.31 | 0.0 | 0.0 | 0.0 |
| 136 | 274 | 0.0 | 0.0 | 3.92e-04 | 0.0 | 0.0 | -1.494e+04 | 4.735e+04 | 1654.75 | 0.0 | -1.324e+05 | -3.788e+06 |
| | | -3.788e+06 | -1.324e+05 | 2.77e-05 | 0.0 | 80.0 | -1.494e+04 | 4.735e+04 | 1654.75 | 0.0 | 0.0 | 0.0 |
| 136 | 342 | 0.0 | 0.0 | 1.94e-03 | 0.0 | 0.0 | -1.730e+04 | 6.106e+04 | 2269.13 | 0.0 | -1.815e+05 | -4.885e+06 |
| | | -4.885e+06 | -1.815e+05 | 2.55e-05 | 0.0 | 80.0 | -1.730e+04 | 6.106e+04 | 2269.13 | 0.0 | 0.0 | 0.0 |
| 136 | 344 | 0.0 | 0.0 | 1.95e-03 | 0.0 | 0.0 | -1.498e+04 | 5.416e+04 | 2055.94 | 0.0 | -1.645e+05 | -4.333e+06 |
| | | -4.333e+06 | -1.645e+05 | 1.54e-05 | 0.0 | 80.0 | -1.498e+04 | 5.416e+04 | 2055.94 | 0.0 | 0.0 | 0.0 |
| 136 | 375 | 0.0 | 0.0 | 3.81e-03 | 0.0 | 0.0 | -1.759e+04 | 6.606e+04 | 1506.39 | 0.0 | -1.205e+05 | -5.285e+06 |
| | | -5.285e+06 | -1.205e+05 | -1.91e-05 | 0.0 | 80.0 | -1.759e+04 | 6.606e+04 | 1506.39 | 0.0 | 0.0 | 0.0 |
| 136 | 385 | 0.0 | 0.0 | -8.03e-03 | 0.0 | 0.0 | -3.358e+04 | 7.030e+04 | 828.87 | 0.0 | -6.631e+04 | -5.624e+06 |
| | | -5.624e+06 | -6.631e+04 | -3.00e-05 | 0.0 | 80.0 | -3.358e+04 | 7.030e+04 | 828.87 | 0.0 | 0.0 | 0.0 |
| 136 | 391 | 0.0 | 0.0 | -6.86e-05 | 0.0 | 0.0 | -1.334e+04 | 4.118e+04 | 1880.49 | 0.0 | -1.504e+05 | -3.294e+06 |
| | | -3.294e+06 | -1.504e+05 | 2.77e-05 | 0.0 | 80.0 | -1.334e+04 | 4.118e+04 | 1880.49 | 0.0 | 0.0 | 0.0 |
| 136 | 392 | 0.0 | 0.0 | 2.75e-04 | 0.0 | 0.0 | -1.335e+04 | 4.211e+04 | 1966.16 | 0.0 | -1.573e+05 | -3.369e+06 |
| | | -3.369e+06 | -1.573e+05 | 2.84e-05 | 0.0 | 80.0 | -1.335e+04 | 4.211e+04 | 1966.16 | 0.0 | 0.0 | 0.0 |
| 136 | 394 | 0.0 | 0.0 | -5.99e-03 | 0.0 | 0.0 | -2.111e+04 | 5.918e+04 | 2436.20 | 0.0 | -1.949e+05 | -4.735e+06 |
| | | -4.735e+06 | -1.949e+05 | -2.98e-05 | 0.0 | 80.0 | -2.111e+04 | 5.918e+04 | 2436.20 | 0.0 | 0.0 | 0.0 |
| 136 | 402 | 0.0 | 0.0 | 1.61e-03 | 0.0 | 0.0 | -1.506e+04 | 5.340e+04 | 2461.17 | 0.0 | -1.969e+05 | -4.272e+06 |
| | | -4.272e+06 | -1.969e+05 | -1.86e-05 | 0.0 | 80.0 | -1.506e+04 | 5.340e+04 | 2461.17 | 0.0 | 0.0 | 0.0 |
| 136 | 405 | 0.0 | 0.0 | 2.59e-03 | 0.0 | 0.0 | -1.505e+04 | 5.516e+04 | 2190.82 | 0.0 | -1.753e+05 | -4.412e+06 |
| | | -4.412e+06 | -1.753e+05 | -1.95e-05 | 0.0 | 80.0 | -1.505e+04 | 5.516e+04 | 2190.82 | 0.0 | 0.0 | 0.0 |
| 136 | 406 | 0.0 | 0.0 | -6.29e-03 | 0.0 | 0.0 | -2.705e+04 | 5.834e+04 | 1682.68 | 0.0 | -1.346e+05 | -4.667e+06 |
| | | -4.667e+06 | -1.346e+05 | -2.81e-05 | 0.0 | 80.0 | -2.705e+04 | 5.834e+04 | 1682.68 | 0.0 | 0.0 | 0.0 |
| 136 | 407 | 0.0 | 0.0 | -6.86e-05 | 0.0 | 0.0 | -1.334e+04 | 4.118e+04 | 1880.49 | 0.0 | -1.504e+05 | -3.294e+06 |
| | | -3.294e+06 | -1.504e+05 | 2.77e-05 | 0.0 | 80.0 | -1.334e+04 | 4.118e+04 | 1880.49 | 0.0 | 0.0 | 0.0 |
| 136 | 410 | 0.0 | 0.0 | 3.29e-03 | 0.0 | 0.0 | -1.640e+04 | 5.891e+04 | 5204.78 | 0.0 | -4.164e+05 | -4.713e+06 |
| | | -4.713e+06 | -4.164e+05 | -9.59e-05 | 0.0 | 80.0 | -1.640e+04 | 5.891e+04 | 5204.78 | 0.0 | 0.0 | 0.0 |
| 136 | 412 | 0.0 | 0.0 | -3.42e-03 | 0.0 | 0.0 | -1.006e+04 | 2.442e+04 | 2331.28 | 0.0 | -1.865e+05 | -1.954e+06 |
| | | -1.954e+06 | -1.865e+05 | -7.99e-05 | 0.0 | 80.0 | -1.006e+04 | 2.442e+04 | 2331.28 | 0.0 | 0.0 | 0.0 |
| 136 | 415 | 0.0 | 0.0 | 3.28e-03 | 0.0 | 0.0 | -1.663e+04 | 5.793e+04 | 1429.70 | 0.0 | -1.144e+05 | -4.634e+06 |
| | | -4.634e+06 | -1.144e+05 | 1.37e-04 | 0.0 | 80.0 | -1.663e+04 | 5.793e+04 | 1429.70 | 0.0 | 0.0 | 0.0 |
| 136 | 422 | 6.36e-06 | 0.0 | 3.29e-03 | 0.0 | 0.0 | -1.639e+04 | 5.855e+04 | 4522.54 | 0.0 | -3.618e+05 | -4.684e+06 |
| | | -4.684e+06 | -3.618e+05 | -8.16e-05 | 0.0 | 80.0 | -1.639e+04 | 5.855e+04 | 4522.54 | 0.0 | 0.0 | 6.36e-06 |
| 136 | 425 | 0.0 | 4.534e+05 | -1.08e-03 | 0.0 | 0.0 | -1.275e+04 | 3.382e+04 | -5667.78 | 0.0 | 4.534e+05 | -2.705e+06 |
| | | -2.705e+06 | 0.0 | 4.78e-04 | 0.0 | 80.0 | -1.275e+04 | 3.382e+04 | -5667.78 | 0.0 | 0.0 | 0.0 |
| 136 | 426 | 0.0 | 0.0 | 9.45e-04 | 0.0 | 0.0 | -1.394e+04 | 4.854e+04 | 9428.75 | 0.0 | -7.543e+05 | -3.883e+06 |
| | | -3.883e+06 | -7.543e+05 | -4.21e-04 | 0.0 | 80.0 | -1.394e+04 | 4.854e+04 | 9428.75 | 0.0 | 0.0 | 0.0 |
| 136 | 440 | 0.0 | 0.0 | -1.76e-03 | 0.0 | 0.0 | -1.167e+04 | 3.286e+04 | 2229.34 | 0.0 | -1.783e+05 | -2.629e+06 |
| | | -2.629e+06 | -1.783e+05 | -4.46e-05 | 0.0 | 80.0 | -1.167e+04 | 3.286e+04 | 2229.34 | 0.0 | 0.0 | 0.0 |
| 136 | 442 | 0.0 | 0.0 | 1.63e-03 | 0.0 | 0.0 | -1.489e+04 | 4.993e+04 | 3394.67 | 0.0 | -2.716e+05 | -3.994e+06 |
| | | -3.994e+06 | -2.716e+05 | -3.32e-05 | 0.0 | 80.0 | -1.489e+04 | 4.993e+04 | 3394.67 | 0.0 | 0.0 | 0.0 |
| 136 | 443 | 0.0 | 0.0 | 1.62e-03 | 0.0 | 0.0 | -1.502e+04 | 4.949e+04 | 1531.64 | 0.0 | -1.225e+05 | -3.959e+06 |
| | | -3.959e+06 | -1.225e+05 | 1.01e-04 | 0.0 | 80.0 | -1.502e+04 | 4.949e+04 | 1531.64 | 0.0 | 0.0 | 0.0 |
| 136 | 450 | 3.67e-06 | 0.0 | 1.63e-03 | 0.0 | 0.0 | -1.489e+04 | 4.992e+04 | 3325.58 | 0.0 | -2.660e+05 | -3.994e+06 |
| | | -3.994e+06 | -2.660e+05 | -4.55e-05 | 0.0 | 80.0 | -1.489e+04 | 4.992e+04 | 3325.58 | 0.0 | 0.0 | 3.67e-06 |
| 136 | 457 | -2.01e-06 | 1.119e+05 | -6.02e-04 | 0.0 | 0.0 | -1.308e+04 | 3.789e+04 | -1399.36 | 0.0 | 1.119e+05 | -3.032e+06 |
| | | -3.032e+06 | 0.0 | 2.51e-04 | 0.0 | 80.0 | -1.308e+04 | 3.789e+04 | -1399.36 | 0.0 | 0.0 | -2.01e-06 |
| 136 | 458 | 2.00e-06 | 0.0 | 4.65e-04 | 0.0 | 0.0 | -1.361e+04 | 4.446e+04 | 5160.33 | 0.0 | -4.128e+05 | -3.557e+06 |
| | | -3.557e+06 | -4.128e+05 | -1.94e-04 | 0.0 | 80.0 | -1.361e+04 | 4.446e+04 | 5160.33 | 0.0 | 0.0 | 2.00e-06 |
| 139 | 26 | 4.235e+06 | 3.541e+05 | 6.52e-04 | 0.0 | 0.0 | -1.646e+04 | -5.294e+04 | -4425.88 | 0.0 | 3.541e+05 | 4.235e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|------------|-----|------------|------------|
| | | 0.0 | 0.0 | 1.15e-05 | 0.0 | 80.0 | -1.646e+04 | -5.294e+04 | -4425.88 | 0.0 | 0.0 | 0.0 |
| 139 | 170 | 6.580e+06 | 3.896e+05 | 3.52e-03 | 0.0 | 0.0 | -2.163e+04 | -8.225e+04 | -4869.45 | 0.0 | 3.896e+05 | 6.580e+06 |
| | | -1.94e-06 | 0.0 | -9.99e-05 | 0.0 | 80.0 | -2.163e+04 | -8.225e+04 | -4869.45 | 0.0 | 0.0 | -1.94e-06 |
| 139 | 205 | 6.699e+06 | 4.337e+05 | 3.60e-03 | 0.0 | 0.0 | -2.949e+04 | -8.373e+04 | -5421.66 | 0.0 | 4.337e+05 | 6.699e+06 |
| | | 0.0 | 0.0 | -3.22e-05 | 0.0 | 80.0 | -2.949e+04 | -8.373e+04 | -5421.66 | 0.0 | 0.0 | 0.0 |
| 139 | 229 | 8.384e+06 | 5.215e+05 | 5.30e-03 | 0.0 | 0.0 | -4.940e+04 | -1.048e+05 | -6519.07 | 0.0 | 5.215e+05 | 8.384e+06 |
| | | 0.0 | 0.0 | -1.68e-04 | 0.0 | 80.0 | -4.940e+04 | -1.048e+05 | -6519.07 | 0.0 | 0.0 | 0.0 |
| 139 | 231 | 8.366e+06 | 4.716e+05 | 5.30e-03 | 0.0 | 0.0 | -4.947e+04 | -1.046e+05 | -5895.06 | 0.0 | 4.716e+05 | 8.366e+06 |
| | | 0.0 | 0.0 | -1.94e-04 | 0.0 | 80.0 | -4.947e+04 | -1.046e+05 | -5895.06 | 0.0 | 0.0 | 0.0 |
| 139 | 249 | 8.025e+06 | 6.170e+05 | -0.01 | 0.0 | 0.0 | -2.636e+04 | -1.003e+05 | -7712.46 | 0.0 | 6.170e+05 | 8.025e+06 |
| | | 2.41e-06 | 0.0 | -1.82e-04 | 0.0 | 80.0 | -2.636e+04 | -1.003e+05 | -7712.46 | 0.0 | 0.0 | 2.41e-06 |
| 139 | 273 | 4.030e+06 | 2.953e+05 | 4.34e-04 | 0.0 | 0.0 | -1.571e+04 | -5.038e+04 | -3690.93 | 0.0 | 2.953e+05 | 4.030e+06 |
| | | 0.0 | 0.0 | -6.88e-06 | 0.0 | 80.0 | -1.571e+04 | -5.038e+04 | -3690.93 | 0.0 | 0.0 | 0.0 |
| 139 | 345 | 5.768e+06 | 3.230e+05 | 2.56e-03 | 0.0 | 0.0 | -1.953e+04 | -7.210e+04 | -4037.67 | 0.0 | 3.230e+05 | 5.768e+06 |
| | | -1.42e-06 | 0.0 | -8.87e-05 | 0.0 | 80.0 | -1.953e+04 | -7.210e+04 | -4037.67 | 0.0 | 0.0 | -1.42e-06 |
| 139 | 363 | 4.941e+06 | 3.078e+05 | 2.63e-03 | 0.0 | 0.0 | -2.187e+04 | -6.176e+04 | -3847.69 | 0.0 | 3.078e+05 | 4.941e+06 |
| | | 0.0 | 0.0 | -3.10e-05 | 0.0 | 80.0 | -2.187e+04 | -6.176e+04 | -3847.69 | 0.0 | 0.0 | 0.0 |
| 139 | 375 | 6.188e+06 | 3.743e+05 | 3.89e-03 | 0.0 | 0.0 | -3.659e+04 | -7.735e+04 | -4678.36 | 0.0 | 3.743e+05 | 6.188e+06 |
| | | 0.0 | 0.0 | -1.31e-04 | 0.0 | 80.0 | -3.659e+04 | -7.735e+04 | -4678.36 | 0.0 | 0.0 | 0.0 |
| 139 | 376 | 6.175e+06 | 3.410e+05 | 3.89e-03 | 0.0 | 0.0 | -3.664e+04 | -7.719e+04 | -4262.35 | 0.0 | 3.410e+05 | 6.175e+06 |
| | | 0.0 | 0.0 | -1.48e-04 | 0.0 | 80.0 | -3.664e+04 | -7.719e+04 | -4262.35 | 0.0 | 0.0 | 0.0 |
| 139 | 385 | 5.921e+06 | 4.450e+05 | -7.99e-03 | 0.0 | 0.0 | -1.953e+04 | -7.401e+04 | -5562.35 | 0.0 | 4.450e+05 | 5.921e+06 |
| | | 1.80e-06 | 0.0 | -1.41e-04 | 0.0 | 80.0 | -1.953e+04 | -7.401e+04 | -5562.35 | 0.0 | 0.0 | 1.80e-06 |
| 139 | 393 | 3.311e+06 | 2.251e+05 | -3.31e-05 | 0.0 | 0.0 | -1.334e+04 | -4.139e+04 | -2814.33 | 0.0 | 2.251e+05 | 3.311e+06 |
| | | 0.0 | 0.0 | 2.02e-05 | 0.0 | 80.0 | -1.334e+04 | -4.139e+04 | -2814.33 | 0.0 | 0.0 | 0.0 |
| 139 | 402 | 4.566e+06 | 1.788e+05 | 1.65e-03 | 0.0 | 0.0 | -1.589e+04 | -5.708e+04 | -2234.87 | 0.0 | 1.788e+05 | 4.566e+06 |
| | | 0.0 | 0.0 | -8.02e-05 | 0.0 | 80.0 | -1.589e+04 | -5.708e+04 | -2234.87 | 0.0 | 0.0 | 0.0 |
| 139 | 404 | 4.811e+06 | 1.984e+05 | 2.29e-03 | 0.0 | 0.0 | -2.197e+04 | -6.014e+04 | -2480.62 | 0.0 | 1.984e+05 | 4.811e+06 |
| | | 0.0 | 0.0 | -9.41e-05 | 0.0 | 80.0 | -2.197e+04 | -6.014e+04 | -2480.62 | 0.0 | 0.0 | 0.0 |
| 139 | 405 | 4.881e+06 | 2.172e+05 | 2.65e-03 | 0.0 | 0.0 | -2.868e+04 | -6.102e+04 | -2715.39 | 0.0 | 2.172e+05 | 4.881e+06 |
| | | 0.0 | 0.0 | -1.12e-04 | 0.0 | 80.0 | -2.868e+04 | -6.102e+04 | -2715.39 | 0.0 | 0.0 | 0.0 |
| 139 | 406 | 4.681e+06 | 2.703e+05 | -6.25e-03 | 0.0 | 0.0 | -1.589e+04 | -5.852e+04 | -3378.39 | 0.0 | 2.703e+05 | 4.681e+06 |
| | | 1.46e-06 | 0.0 | -1.20e-04 | 0.0 | 80.0 | -1.589e+04 | -5.852e+04 | -3378.39 | 0.0 | 0.0 | 1.46e-06 |
| 139 | 407 | 3.290e+06 | 1.505e+05 | -3.32e-05 | 0.0 | 0.0 | -1.335e+04 | -4.113e+04 | -1881.37 | 0.0 | 1.505e+05 | 3.290e+06 |
| | | 0.0 | 0.0 | -2.82e-05 | 0.0 | 80.0 | -1.335e+04 | -4.113e+04 | -1881.37 | 0.0 | 0.0 | 0.0 |
| 139 | 417 | 1.909e+06 | 3.758e+05 | -3.40e-03 | 0.0 | 0.0 | -1.140e+04 | -2.386e+04 | -4697.22 | 0.0 | 3.758e+05 | 1.909e+06 |
| | | -2.34e-06 | 0.0 | 9.84e-05 | 0.0 | 80.0 | -1.140e+04 | -2.386e+04 | -4697.22 | 0.0 | 0.0 | -2.34e-06 |
| 139 | 418 | 4.671e+06 | 0.0 | 3.33e-03 | 0.0 | 0.0 | -1.530e+04 | -5.839e+04 | 934.48 | 0.0 | -7.476e+04 | 4.671e+06 |
| | | 2.39e-06 | -7.476e+04 | -1.55e-04 | 0.0 | 80.0 | -1.530e+04 | -5.839e+04 | 934.48 | 0.0 | 0.0 | 2.39e-06 |
| 139 | 419 | 4.753e+06 | 4.940e+05 | 3.34e-03 | 0.0 | 0.0 | -1.494e+04 | -5.942e+04 | -6175.00 | 0.0 | 4.940e+05 | 4.753e+06 |
| | | 2.11e-06 | 0.0 | 1.23e-04 | 0.0 | 80.0 | -1.494e+04 | -5.942e+04 | -6175.00 | 0.0 | 0.0 | 2.11e-06 |
| 139 | 424 | 2.732e+06 | 0.0 | -1.05e-03 | 0.0 | 0.0 | -1.342e+04 | -3.415e+04 | 1.041e+04 | 0.0 | -8.331e+05 | 2.732e+06 |
| | | 1.13e-06 | -8.331e+05 | -4.88e-04 | 0.0 | 80.0 | -1.342e+04 | -3.415e+04 | 1.041e+04 | 0.0 | 0.0 | 1.13e-06 |
| 139 | 427 | 3.848e+06 | 1.134e+06 | 9.87e-04 | 0.0 | 0.0 | -1.328e+04 | -4.810e+04 | -1.418e+04 | 0.0 | 1.134e+06 | 3.848e+06 |
| | | -1.08e-06 | 0.0 | 4.31e-04 | 0.0 | 80.0 | -1.328e+04 | -4.810e+04 | -1.418e+04 | 0.0 | 0.0 | -1.08e-06 |
| 139 | 451 | 4.019e+06 | 2.838e+05 | 1.68e-03 | 0.0 | 0.0 | -1.417e+04 | -5.024e+04 | -3546.96 | 0.0 | 2.838e+05 | 4.019e+06 |
| | | 2.27e-06 | 0.0 | 4.57e-05 | 0.0 | 80.0 | -1.417e+04 | -5.024e+04 | -3546.96 | 0.0 | 0.0 | 2.27e-06 |
| 139 | 453 | 2.592e+06 | 1.807e+05 | -1.73e-03 | 0.0 | 0.0 | -1.237e+04 | -3.241e+04 | -2259.34 | 0.0 | 1.807e+05 | 2.592e+06 |
| | | -1.11e-06 | 0.0 | 1.31e-05 | 0.0 | 80.0 | -1.237e+04 | -3.241e+04 | -2259.34 | 0.0 | 0.0 | -1.11e-06 |
| 139 | 454 | 3.988e+06 | 1.203e+05 | 1.66e-03 | 0.0 | 0.0 | -1.433e+04 | -4.985e+04 | -1503.40 | 0.0 | 1.203e+05 | 3.988e+06 |
| | | 1.16e-06 | 0.0 | -6.99e-05 | 0.0 | 80.0 | -1.433e+04 | -4.985e+04 | -1503.40 | 0.0 | 0.0 | 1.16e-06 |
| 139 | 456 | 3.018e+06 | 0.0 | -5.94e-04 | 0.0 | 0.0 | -1.334e+04 | -3.773e+04 | 2664.27 | 0.0 | -2.131e+05 | 3.018e+06 |
| | | -3.47e-06 | -2.131e+05 | -2.53e-04 | 0.0 | 80.0 | -1.334e+04 | -3.773e+04 | 2664.27 | 0.0 | 0.0 | -3.47e-06 |
| 139 | 459 | 3.562e+06 | 5.142e+05 | 5.28e-04 | 0.0 | 0.0 | -1.336e+04 | -4.453e+04 | -6427.01 | 0.0 | 5.142e+05 | 3.562e+06 |
| | | 3.51e-06 | 0.0 | 1.96e-04 | 0.0 | 80.0 | -1.336e+04 | -4.453e+04 | -6427.01 | 0.0 | 0.0 | 3.51e-06 |
| 139 | 460 | 3.015e+06 | 0.0 | -5.95e-04 | 0.0 | 0.0 | -1.334e+04 | -3.769e+04 | 2551.75 | 0.0 | -2.041e+05 | 3.015e+06 |
| | | -4.11e-06 | -2.041e+05 | -2.57e-04 | 0.0 | 80.0 | -1.334e+04 | -3.769e+04 | 2551.75 | 0.0 | 0.0 | -4.11e-06 |
| 140 | 26 | 0.0 | 3.554e+05 | 6.07e-04 | 0.0 | 0.0 | -1.645e+04 | 5.228e+04 | -4442.49 | 0.0 | 3.554e+05 | -4.183e+06 |
| | | -4.183e+06 | 0.0 | 1.15e-05 | 0.0 | 80.0 | -1.645e+04 | 5.228e+04 | -4442.49 | 0.0 | 0.0 | 0.0 |
| 140 | 171 | -1.58e-06 | 4.764e+05 | 3.42e-03 | 0.0 | 0.0 | -2.636e+04 | 9.398e+04 | -5955.39 | 0.0 | 4.764e+05 | -7.518e+06 |
| | | -7.518e+06 | 0.0 | -1.35e-04 | 0.0 | 80.0 | -2.636e+04 | 9.398e+04 | -5955.39 | 0.0 | 0.0 | -1.58e-06 |
| 140 | 229 | -1.74e-06 | 6.143e+05 | 5.21e-03 | 0.0 | 0.0 | -2.638e+04 | 1.009e+05 | -7679.19 | 0.0 | 6.143e+05 | -8.069e+06 |
| | | -8.069e+06 | 0.0 | -1.66e-04 | 0.0 | 80.0 | -2.638e+04 | 1.009e+05 | -7679.19 | 0.0 | 0.0 | -1.74e-06 |
| 140 | 249 | 5.02e-06 | 4.808e+05 | -0.01 | 0.0 | 0.0 | -4.947e+04 | 1.098e+05 | -6010.18 | 0.0 | 4.808e+05 | -8.781e+06 |
| | | -8.781e+06 | 0.0 | -1.85e-04 | 0.0 | 80.0 | -4.947e+04 | 1.098e+05 | -6010.18 | 0.0 | 0.0 | 5.02e-06 |
| 140 | 251 | 5.02e-06 | 4.332e+05 | -0.01 | 0.0 | 0.0 | -4.955e+04 | 1.095e+05 | -5414.48 | 0.0 | 4.332e+05 | -8.762e+06 |
| | | -8.762e+06 | 0.0 | -2.11e-04 | 0.0 | 80.0 | -4.955e+04 | 1.095e+05 | -5414.48 | 0.0 | 0.0 | 5.02e-06 |
| 140 | 273 | 0.0 | 2.962e+05 | 3.91e-04 | 0.0 | 0.0 | -1.570e+04 | 4.995e+04 | -3703.06 | 0.0 | 2.962e+05 | -3.996e+06 |
| | | -3.996e+06 | 0.0 | -6.85e-06 | 0.0 | 80.0 | -1.570e+04 | 4.995e+04 | -3703.06 | 0.0 | 0.0 | 0.0 |
| 140 | 346 | -1.16e-06 | 3.443e+05 | 2.50e-03 | 0.0 | 0.0 | -1.952e+04 | 6.938e+04 | -4304.34 | 0.0 | 3.443e+05 | -5.551e+06 |
| | | -5.551e+06 | 0.0 | -1.04e-04 | 0.0 | 80.0 | -1.952e+04 | 6.938e+04 | -4304.34 | 0.0 | 0.0 | -1.16e-06 |
| 140 | 375 | -1.28e-06 | 4.430e+05 | 3.82e-03 | 0.0 | 0.0 | -1.954e+04 | 7.447e+04 | -5537.10 | 0.0 | 4.430e+05 | -5.957e+06 |
| | | -5.957e+06 | 0.0 | -1.29e-04 | 0.0 | 80.0 | -1.954e+04 | 7.447e+04 | -5537.10 | 0.0 | 0.0 | -1.28e-06 |
| 140 | 385 | 3.73e-06 | 3.441e+05 | -8.05e-03 | 0.0 | 0.0 | -3.665e+04 | 8.106e+04 | -4300.79 | 0.0 | 3.441e+05 | -6.484e+06 |
| | | -6.484e+06 | 0.0 | -1.44e-04 | 0.0 | 80.0 | -3.665e+04 | 8.106e+04 | -4300.79 | 0.0 | 0.0 | 3.73e-06 |
| 140 | 386 | 3.73e-06 | 3.123e+05 | -8.05e-03 | 0.0 | 0.0 | -3.670e+04 | 8.090e+04 | -3903.66 | 0.0 | 3.123e+05 | -6.472e+06 |
| | | -6.472e+06 | 0.0 | -1.61e-04 | 0.0 | 80.0 | -3.670e+04 | 8.090e+04 | -3903.66 | 0.0 | 0.0 | 3.73e-06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| 140 | 393 | 0.0 | 2.213e+05 | -6.86e-05 | 0.0 | 0.0 | -1.334e+04 | 4.143e+04 | -2765.92 | 0.0 | 2.213e+05 | -3.314e+06 |
| | | -3.314e+06 | 0.0 | 2.01e-05 | 0.0 | 80.0 | -1.334e+04 | 4.143e+04 | -2765.92 | 0.0 | 0.0 | 0.0 |
| 140 | 402 | 0.0 | 2.175e+05 | 1.61e-03 | 0.0 | 0.0 | -1.584e+04 | 5.543e+04 | -2718.36 | 0.0 | 2.175e+05 | -4.434e+06 |
| | | -4.434e+06 | 0.0 | -7.92e-05 | 0.0 | 80.0 | -1.584e+04 | 5.543e+04 | -2718.36 | 0.0 | 0.0 | 0.0 |
| 140 | 405 | 0.0 | 2.676e+05 | 2.60e-03 | 0.0 | 0.0 | -1.589e+04 | 5.913e+04 | -3345.08 | 0.0 | 2.676e+05 | -4.730e+06 |
| | | -4.730e+06 | 0.0 | -1.11e-04 | 0.0 | 80.0 | -1.589e+04 | 5.913e+04 | -3345.08 | 0.0 | 0.0 | 0.0 |
| 140 | 406 | 2.89e-06 | 1.934e+05 | -6.30e-03 | 0.0 | 0.0 | -2.872e+04 | 6.407e+04 | -2417.85 | 0.0 | 1.934e+05 | -5.126e+06 |
| | | -5.126e+06 | 0.0 | -1.21e-04 | 0.0 | 80.0 | -2.872e+04 | 6.407e+04 | -2417.85 | 0.0 | 0.0 | 2.89e-06 |
| 140 | 407 | 0.0 | 1.504e+05 | -6.86e-05 | 0.0 | 0.0 | -1.334e+04 | 4.118e+04 | -1880.45 | 0.0 | 1.504e+05 | -3.294e+06 |
| | | -3.294e+06 | 0.0 | -2.78e-05 | 0.0 | 80.0 | -1.334e+04 | 4.118e+04 | -1880.45 | 0.0 | 0.0 | 0.0 |
| 140 | 419 | -7.97e-06 | 4.161e+05 | 3.29e-03 | 0.0 | 0.0 | -1.640e+04 | 5.892e+04 | -5201.85 | 0.0 | 4.161e+05 | -4.713e+06 |
| | | -4.713e+06 | 0.0 | 9.58e-05 | 0.0 | 80.0 | -1.640e+04 | 5.892e+04 | -5201.85 | 0.0 | 0.0 | -7.97e-06 |
| 140 | 420 | 8.55e-06 | 0.0 | -3.44e-03 | 0.0 | 0.0 | -1.033e+04 | 2.385e+04 | 901.82 | 0.0 | -7.215e+04 | -1.908e+06 |
| | | -1.908e+06 | -7.215e+04 | -1.14e-04 | 0.0 | 80.0 | -1.033e+04 | 2.385e+04 | 901.82 | 0.0 | 0.0 | 8.55e-06 |
| 140 | 421 | 8.00e-06 | 1.869e+05 | -3.41e-03 | 0.0 | 0.0 | -1.004e+04 | 2.437e+04 | -2336.11 | 0.0 | 1.869e+05 | -1.950e+06 |
| | | -1.950e+06 | 0.0 | 7.99e-05 | 0.0 | 80.0 | -1.004e+04 | 2.437e+04 | -2336.11 | 0.0 | 0.0 | 8.00e-06 |
| 140 | 422 | -7.95e-06 | 1.140e+05 | 3.28e-03 | 0.0 | 0.0 | -1.665e+04 | 5.798e+04 | -1424.79 | 0.0 | 1.140e+05 | -4.638e+06 |
| | | -4.638e+06 | 0.0 | -1.37e-04 | 0.0 | 80.0 | -1.665e+04 | 5.798e+04 | -1424.79 | 0.0 | 0.0 | -7.95e-06 |
| 140 | 428 | 1.65e-06 | 0.0 | -1.08e-03 | 0.0 | 0.0 | -1.277e+04 | 3.380e+04 | 5662.15 | 0.0 | -4.530e+05 | -2.704e+06 |
| | | -2.704e+06 | -4.530e+05 | -4.77e-04 | 0.0 | 80.0 | -1.277e+04 | 3.380e+04 | 5662.15 | 0.0 | 0.0 | 1.65e-06 |
| 140 | 431 | -1.61e-06 | 7.538e+05 | 9.48e-04 | 0.0 | 0.0 | -1.392e+04 | 4.855e+04 | -9423.06 | 0.0 | 7.538e+05 | -3.884e+06 |
| | | -3.884e+06 | 0.0 | 4.21e-04 | 0.0 | 80.0 | -1.392e+04 | 4.855e+04 | -9423.06 | 0.0 | 0.0 | -1.61e-06 |
| 140 | 449 | 4.14e-06 | 1.783e+05 | -1.75e-03 | 0.0 | 0.0 | -1.164e+04 | 3.288e+04 | -2229.04 | 0.0 | 1.783e+05 | -2.631e+06 |
| | | -2.631e+06 | 0.0 | 4.45e-05 | 0.0 | 80.0 | -1.164e+04 | 3.288e+04 | -2229.04 | 0.0 | 0.0 | 4.14e-06 |
| 140 | 450 | -4.09e-06 | 1.225e+05 | 1.61e-03 | 0.0 | 0.0 | -1.505e+04 | 4.947e+04 | -1531.87 | 0.0 | 1.225e+05 | -3.958e+06 |
| | | -3.958e+06 | 0.0 | -1.01e-04 | 0.0 | 80.0 | -1.505e+04 | 4.947e+04 | -1531.87 | 0.0 | 0.0 | -4.09e-06 |
| 140 | 451 | -4.00e-06 | 2.714e+05 | 1.64e-03 | 0.0 | 0.0 | -1.486e+04 | 4.995e+04 | -3393.07 | 0.0 | 2.714e+05 | -3.996e+06 |
| | | -3.996e+06 | 0.0 | 3.31e-05 | 0.0 | 80.0 | -1.486e+04 | 4.995e+04 | -3393.07 | 0.0 | 0.0 | -4.00e-06 |
| 140 | 452 | 4.23e-06 | 3.979e+04 | -1.77e-03 | 0.0 | 0.0 | -1.181e+04 | 3.251e+04 | -497.35 | 0.0 | 3.979e+04 | -2.601e+06 |
| | | -2.601e+06 | 0.0 | -7.06e-05 | 0.0 | 80.0 | -1.181e+04 | 3.251e+04 | -497.35 | 0.0 | 0.0 | 4.23e-06 |
| 140 | 460 | 1.08e-06 | 0.0 | -6.28e-04 | 0.0 | 0.0 | -1.318e+04 | 3.782e+04 | 1396.16 | 0.0 | -1.117e+05 | -3.026e+06 |
| | | -3.026e+06 | -1.117e+05 | -2.51e-04 | 0.0 | 80.0 | -1.318e+04 | 3.782e+04 | 1396.16 | 0.0 | 0.0 | 1.08e-06 |
| 140 | 463 | -1.03e-06 | 4.126e+05 | 4.91e-04 | 0.0 | 0.0 | -1.351e+04 | 4.453e+04 | -5157.07 | 0.0 | 4.126e+05 | -3.562e+06 |
| | | -3.562e+06 | 0.0 | 1.94e-04 | 0.0 | 80.0 | -1.351e+04 | 4.453e+04 | -5157.07 | 0.0 | 0.0 | -1.03e-06 |
| 143 | 168 | 5.218e+06 | 1.745e+05 | 2.77e-03 | 0.0 | 0.0 | -1.780e+04 | -6.523e+04 | -2180.89 | 0.0 | 1.745e+05 | 5.218e+06 |
| | | 0.0 | 0.0 | -7.19e-05 | 0.0 | 80.0 | -1.780e+04 | -6.523e+04 | -2180.89 | 0.0 | 0.0 | 0.0 |
| 143 | 211 | 8.702e+06 | 1.197e+05 | 4.69e-03 | 0.0 | 0.0 | -4.386e+04 | -1.088e+05 | -1496.79 | 0.0 | 1.197e+05 | 8.702e+06 |
| | | -1.64e-06 | 0.0 | -2.24e-04 | 0.0 | 80.0 | -4.386e+04 | -1.088e+05 | -1496.79 | 0.0 | 0.0 | -1.64e-06 |
| 143 | 229 | 8.902e+06 | 5.796e+04 | 5.36e-03 | 0.0 | 0.0 | -5.759e+04 | -1.113e+05 | -724.45 | 0.0 | 5.796e+04 | 8.902e+06 |
| | | -1.96e-06 | 0.0 | -2.45e-04 | 0.0 | 80.0 | -5.759e+04 | -1.113e+05 | -724.45 | 0.0 | 0.0 | -1.96e-06 |
| 143 | 249 | 8.757e+06 | 3.458e+05 | -0.01 | 0.0 | 0.0 | -2.985e+04 | -1.095e+05 | -4322.90 | 0.0 | 3.458e+05 | 8.757e+06 |
| | | 3.83e-06 | 0.0 | -2.54e-04 | 0.0 | 80.0 | -2.985e+04 | -1.095e+05 | -4322.90 | 0.0 | 0.0 | 3.83e-06 |
| 143 | 344 | 4.773e+06 | 1.388e+05 | 2.01e-03 | 0.0 | 0.0 | -1.740e+04 | -5.966e+04 | -1734.74 | 0.0 | 1.388e+05 | 4.773e+06 |
| | | 0.0 | 0.0 | -7.27e-05 | 0.0 | 80.0 | -1.740e+04 | -5.966e+04 | -1734.74 | 0.0 | 0.0 | 0.0 |
| 143 | 366 | 6.420e+06 | 8.526e+04 | 3.43e-03 | 0.0 | 0.0 | -3.243e+04 | -8.025e+04 | -1065.80 | 0.0 | 8.526e+04 | 6.420e+06 |
| | | -1.21e-06 | 0.0 | -1.70e-04 | 0.0 | 80.0 | -3.243e+04 | -8.025e+04 | -1065.80 | 0.0 | 0.0 | -1.21e-06 |
| 143 | 375 | 6.564e+06 | 3.791e+04 | 3.93e-03 | 0.0 | 0.0 | -4.258e+04 | -8.205e+04 | -473.94 | 0.0 | 3.791e+04 | 6.564e+06 |
| | | -1.45e-06 | 0.0 | -1.88e-04 | 0.0 | 80.0 | -4.258e+04 | -8.205e+04 | -473.94 | 0.0 | 0.0 | -1.45e-06 |
| 143 | 385 | 6.456e+06 | 2.512e+05 | -8.04e-03 | 0.0 | 0.0 | -2.203e+04 | -8.070e+04 | -3139.46 | 0.0 | 2.512e+05 | 6.456e+06 |
| | | 2.84e-06 | 0.0 | -1.95e-04 | 0.0 | 80.0 | -2.203e+04 | -8.070e+04 | -3139.46 | 0.0 | 0.0 | 2.84e-06 |
| 143 | 392 | 3.399e+06 | 7.803e+04 | 3.12e-04 | 0.0 | 0.0 | -1.449e+04 | -4.249e+04 | -975.38 | 0.0 | 7.803e+04 | 3.399e+06 |
| | | 0.0 | 0.0 | -5.16e-05 | 0.0 | 80.0 | -1.449e+04 | -4.249e+04 | -975.38 | 0.0 | 0.0 | 0.0 |
| 143 | 404 | 4.973e+06 | 5.041e+04 | 2.31e-03 | 0.0 | 0.0 | -2.533e+04 | -6.216e+04 | -630.10 | 0.0 | 5.041e+04 | 4.973e+06 |
| | | 0.0 | 0.0 | -1.30e-04 | 0.0 | 80.0 | -2.533e+04 | -6.216e+04 | -630.10 | 0.0 | 0.0 | 0.0 |
| 143 | 405 | 5.053e+06 | 4229.92 | 2.69e-03 | 0.0 | 0.0 | -3.286e+04 | -6.316e+04 | -52.87 | 0.0 | 4229.92 | 5.053e+06 |
| | | -1.07e-06 | 0.0 | -1.56e-04 | 0.0 | 80.0 | -3.286e+04 | -6.316e+04 | -52.87 | 0.0 | 0.0 | -1.07e-06 |
| 143 | 406 | 4.972e+06 | 1.642e+05 | -6.29e-03 | 0.0 | 0.0 | -1.745e+04 | -6.215e+04 | -2052.02 | 0.0 | 1.642e+05 | 4.972e+06 |
| | | 2.15e-06 | 0.0 | -1.61e-04 | 0.0 | 80.0 | -1.745e+04 | -6.215e+04 | -2052.02 | 0.0 | 0.0 | 2.15e-06 |
| 143 | 407 | 3.300e+06 | 7.542e+04 | -3.33e-05 | 0.0 | 0.0 | -1.450e+04 | -4.125e+04 | -942.74 | 0.0 | 7.542e+04 | 3.300e+06 |
| | | 0.0 | 0.0 | -5.18e-05 | 0.0 | 80.0 | -1.450e+04 | -4.125e+04 | -942.74 | 0.0 | 0.0 | 0.0 |
| 143 | 412 | 1.798e+06 | 0.0 | -3.41e-03 | 0.0 | 0.0 | -1.603e+04 | -2.248e+04 | 658.75 | 0.0 | -5.270e+04 | 1.798e+06 |
| | | -5.18e-06 | -5.270e+04 | -1.35e-04 | 0.0 | 80.0 | -1.603e+04 | -2.248e+04 | 658.75 | 0.0 | 0.0 | -5.18e-06 |
| 143 | 417 | 2.082e+06 | 2.058e+05 | -3.40e-03 | 0.0 | 0.0 | -1.691e+04 | -2.602e+04 | -2571.91 | 0.0 | 2.058e+05 | 2.082e+06 |
| | | 1.38e-06 | 0.0 | 7.29e-05 | 0.0 | 80.0 | -1.691e+04 | -2.602e+04 | -2571.91 | 0.0 | 0.0 | 1.38e-06 |
| 143 | 418 | 4.519e+06 | 0.0 | 3.34e-03 | 0.0 | 0.0 | -1.209e+04 | -5.649e+04 | 686.43 | 0.0 | -5.491e+04 | 4.519e+06 |
| | | -1.38e-06 | -5.491e+04 | -1.77e-04 | 0.0 | 80.0 | -1.209e+04 | -5.649e+04 | 686.43 | 0.0 | 0.0 | -1.38e-06 |
| 143 | 419 | 4.947e+06 | 2.527e+05 | 3.34e-03 | 0.0 | 0.0 | -1.304e+04 | -6.184e+04 | -3158.33 | 0.0 | 2.527e+05 | 4.947e+06 |
| | | -2.10e-06 | 0.0 | 1.00e-04 | 0.0 | 80.0 | -1.304e+04 | -6.184e+04 | -3158.33 | 0.0 | 0.0 | -2.10e-06 |
| 143 | 424 | 2.168e+06 | 0.0 | -1.05e-03 | 0.0 | 0.0 | -1.349e+04 | -2.710e+04 | 5683.04 | 0.0 | -4.546e+05 | 2.168e+06 |
| | | 0.0 | -4.546e+05 | -5.09e-04 | 0.0 | 80.0 | -1.349e+04 | -2.710e+04 | 5683.04 | 0.0 | 0.0 | 0.0 |
| 143 | 427 | 4.433e+06 | 6.055e+05 | 9.81e-04 | 0.0 | 0.0 | -1.551e+04 | -5.541e+04 | -7568.52 | 0.0 | 6.055e+05 | 4.433e+06 |
| | | 0.0 | 0.0 | 4.05e-04 | 0.0 | 80.0 | -1.551e+04 | -5.541e+04 | -7568.52 | 0.0 | 0.0 | 0.0 |
| 143 | 444 | 2.550e+06 | 1.172e+04 | -1.74e-03 | 0.0 | 0.0 | -1.528e+04 | -3.188e+04 | -146.48 | 0.0 | 1.172e+04 | 2.550e+06 |
| | | -2.55e-06 | 0.0 | -9.31e-05 | 0.0 | 80.0 | -1.528e+04 | -3.188e+04 | -146.48 | 0.0 | 0.0 | -2.55e-06 |
| 143 | 451 | 4.096e+06 | 1.460e+05 | 1.68e-03 | 0.0 | 0.0 | -1.367e+04 | -5.120e+04 | -1824.97 | 0.0 | 1.460e+05 | 4.096e+06 |
| | | 0.0 | 0.0 | 2.28e-05 | 0.0 | 80.0 | -1.367e+04 | -5.120e+04 | -1824.97 | 0.0 | 0.0 | 0.0 |
| 143 | 453 | 2.637e+06 | 9.831e+04 | -1.73e-03 | 0.0 | 0.0 | -1.567e+04 | -3.296e+04 | -1228.86 | 0.0 | 9.831e+04 | 2.637e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| | | 1.15e-06 | 0.0 | -1.08e-05 | 0.0 | 80.0 | -1.567e+04 | -3.296e+04 | -1228.86 | 0.0 | 0.0 | 1.15e-06 |
| 143 | 454 | 3.964e+06 | 5.253e+04 | 1.67e-03 | 0.0 | 0.0 | -1.332e+04 | -4.955e+04 | -656.61 | 0.0 | 5.253e+04 | 3.964e+06 |
| | | -1.15e-06 | 0.0 | -9.30e-05 | 0.0 | 80.0 | -1.332e+04 | -4.955e+04 | -656.61 | 0.0 | 0.0 | -1.15e-06 |
| 143 | 456 | 2.824e+06 | 0.0 | -5.88e-04 | 0.0 | 0.0 | -1.429e+04 | -3.530e+04 | 1616.31 | 0.0 | -1.293e+05 | 2.824e+06 |
| | | 0.0 | -1.293e+05 | -2.76e-04 | 0.0 | 80.0 | -1.429e+04 | -3.530e+04 | 1616.31 | 0.0 | 0.0 | 0.0 |
| 143 | 459 | 3.776e+06 | 2.801e+05 | 5.21e-04 | 0.0 | 0.0 | -1.471e+04 | -4.720e+04 | -3501.79 | 0.0 | 2.801e+05 | 3.776e+06 |
| | | 0.0 | 0.0 | 1.72e-04 | 0.0 | 80.0 | -1.471e+04 | -4.720e+04 | -3501.79 | 0.0 | 0.0 | 0.0 |
| 144 | 211 | -1.37e-06 | 3.037e+05 | 4.59e-03 | 0.0 | 0.0 | -2.965e+04 | 1.060e+05 | -3796.25 | 0.0 | 3.037e+05 | -8.477e+06 |
| | | -8.477e+06 | 0.0 | -2.20e-04 | 0.0 | 80.0 | -2.965e+04 | 1.060e+05 | -3796.25 | 0.0 | 0.0 | -1.37e-06 |
| 144 | 228 | 0.0 | 2.545e+05 | 4.09e-03 | 0.0 | 0.0 | -1.778e+04 | 7.065e+04 | -3180.66 | 0.0 | 2.545e+05 | -5.652e+06 |
| | | -5.652e+06 | 0.0 | -1.31e-04 | 0.0 | 80.0 | -1.778e+04 | 7.065e+04 | -3180.66 | 0.0 | 0.0 | 0.0 |
| 144 | 229 | 0.0 | 3.442e+05 | 5.27e-03 | 0.0 | 0.0 | -2.980e+04 | 1.095e+05 | -4303.09 | 0.0 | 3.442e+05 | -8.757e+06 |
| | | -8.757e+06 | 0.0 | -2.38e-04 | 0.0 | 80.0 | -2.980e+04 | 1.095e+05 | -4303.09 | 0.0 | 0.0 | 0.0 |
| 144 | 249 | 5.71e-06 | 5.512e+04 | -0.01 | 0.0 | 0.0 | -5.750e+04 | 1.154e+05 | -688.96 | 0.0 | 5.512e+04 | -9.235e+06 |
| | | -9.235e+06 | 0.0 | -2.62e-04 | 0.0 | 80.0 | -5.750e+04 | 1.154e+05 | -688.96 | 0.0 | 0.0 | 5.71e-06 |
| 144 | 251 | 5.71e-06 | 3.471e+04 | -0.01 | 0.0 | 0.0 | -5.733e+04 | 1.148e+05 | -433.89 | 0.0 | 3.471e+04 | -9.180e+06 |
| | | -9.180e+06 | 0.0 | -2.87e-04 | 0.0 | 80.0 | -5.733e+04 | 1.148e+05 | -433.89 | 0.0 | 0.0 | 5.71e-06 |
| 144 | 366 | -1.00e-06 | 2.210e+05 | 3.36e-03 | 0.0 | 0.0 | -2.190e+04 | 7.820e+04 | -2762.90 | 0.0 | 2.210e+05 | -6.256e+06 |
| | | -6.256e+06 | 0.0 | -1.67e-04 | 0.0 | 80.0 | -2.190e+04 | 7.820e+04 | -2762.90 | 0.0 | 0.0 | -1.00e-06 |
| 144 | 374 | 0.0 | 1.976e+05 | 2.98e-03 | 0.0 | 0.0 | -1.738e+04 | 6.373e+04 | -2470.53 | 0.0 | 1.976e+05 | -5.099e+06 |
| | | -5.099e+06 | 0.0 | -1.17e-04 | 0.0 | 80.0 | -1.738e+04 | 6.373e+04 | -2470.53 | 0.0 | 0.0 | 0.0 |
| 144 | 375 | 0.0 | 2.496e+05 | 3.86e-03 | 0.0 | 0.0 | -2.200e+04 | 8.074e+04 | -3119.44 | 0.0 | 2.496e+05 | -6.459e+06 |
| | | -6.459e+06 | 0.0 | -1.83e-04 | 0.0 | 80.0 | -2.200e+04 | 8.074e+04 | -3119.44 | 0.0 | 0.0 | 0.0 |
| 144 | 385 | 4.24e-06 | 3.538e+04 | -8.11e-03 | 0.0 | 0.0 | -4.252e+04 | 8.516e+04 | -442.31 | 0.0 | 3.538e+04 | -6.813e+06 |
| | | -6.813e+06 | 0.0 | -2.00e-04 | 0.0 | 80.0 | -4.252e+04 | 8.516e+04 | -442.31 | 0.0 | 0.0 | 4.24e-06 |
| 144 | 386 | 4.24e-06 | 2.178e+04 | -8.11e-03 | 0.0 | 0.0 | -4.240e+04 | 8.471e+04 | -272.26 | 0.0 | 2.178e+04 | -6.777e+06 |
| | | -6.777e+06 | 0.0 | -2.17e-04 | 0.0 | 80.0 | -4.240e+04 | 8.471e+04 | -272.26 | 0.0 | 0.0 | 4.24e-06 |
| 144 | 392 | 0.0 | 8.359e+04 | 2.76e-04 | 0.0 | 0.0 | -1.448e+04 | 4.228e+04 | -1044.82 | 0.0 | 8.359e+04 | -3.382e+06 |
| | | -3.382e+06 | 0.0 | -5.24e-05 | 0.0 | 80.0 | -1.448e+04 | 4.228e+04 | -1044.82 | 0.0 | 0.0 | 0.0 |
| 144 | 405 | 0.0 | 1.598e+05 | 2.63e-03 | 0.0 | 0.0 | -1.743e+04 | 6.239e+04 | -1997.32 | 0.0 | 1.598e+05 | -4.991e+06 |
| | | -4.991e+06 | 0.0 | -1.52e-04 | 0.0 | 80.0 | -1.743e+04 | 6.239e+04 | -1997.32 | 0.0 | 0.0 | 0.0 |
| 144 | 406 | 3.24e-06 | 0.0 | -6.35e-03 | 0.0 | 0.0 | -3.281e+04 | 6.571e+04 | 10.53 | 0.0 | -842.49 | -5.257e+06 |
| | | -5.257e+06 | -842.49 | -1.65e-04 | 0.0 | 80.0 | -3.281e+04 | 6.571e+04 | 10.53 | 0.0 | 0.0 | 3.24e-06 |
| 144 | 407 | 0.0 | 7.543e+04 | -6.88e-05 | 0.0 | 0.0 | -1.449e+04 | 4.129e+04 | -942.85 | 0.0 | 7.543e+04 | -3.304e+06 |
| | | -3.304e+06 | 0.0 | -5.12e-05 | 0.0 | 80.0 | -1.449e+04 | 4.129e+04 | -942.85 | 0.0 | 0.0 | 0.0 |
| 144 | 417 | -2.34e-06 | 1.114e+05 | -3.43e-03 | 0.0 | 0.0 | -1.837e+04 | 2.658e+04 | -1392.31 | 0.0 | 1.114e+05 | -2.126e+06 |
| | | -2.126e+06 | 0.0 | 9.74e-05 | 0.0 | 80.0 | -1.837e+04 | 2.658e+04 | -1392.31 | 0.0 | 0.0 | -2.34e-06 |
| 144 | 418 | 2.37e-06 | 3.947e+04 | 3.29e-03 | 0.0 | 0.0 | -1.061e+04 | 5.601e+04 | -493.40 | 0.0 | 3.947e+04 | -4.481e+06 |
| | | -4.481e+06 | 0.0 | -2.01e-04 | 0.0 | 80.0 | -1.061e+04 | 5.601e+04 | -493.40 | 0.0 | 0.0 | 2.37e-06 |
| 144 | 419 | 2.92e-06 | 2.354e+05 | 3.29e-03 | 0.0 | 0.0 | -1.124e+04 | 6.099e+04 | -2943.06 | 0.0 | 2.354e+05 | -4.879e+06 |
| | | -4.879e+06 | 0.0 | 7.21e-05 | 0.0 | 80.0 | -1.124e+04 | 6.099e+04 | -2943.06 | 0.0 | 0.0 | 2.92e-06 |
| 144 | 423 | 3.32e-06 | 2.114e+05 | 3.30e-03 | 0.0 | 0.0 | -1.120e+04 | 5.975e+04 | -2641.99 | 0.0 | 2.114e+05 | -4.780e+06 |
| | | -4.780e+06 | 0.0 | 3.27e-05 | 0.0 | 80.0 | -1.120e+04 | 5.975e+04 | -2641.99 | 0.0 | 0.0 | 3.32e-06 |
| 144 | 428 | -1.69e-06 | 0.0 | -1.08e-03 | 0.0 | 0.0 | -1.452e+04 | 2.783e+04 | 3372.52 | 0.0 | -2.698e+05 | -2.226e+06 |
| | | -2.226e+06 | -2.698e+05 | -5.04e-04 | 0.0 | 80.0 | -1.452e+04 | 2.783e+04 | 3372.52 | 0.0 | 0.0 | -1.69e-06 |
| 144 | 431 | 1.73e-06 | 4.207e+05 | 9.38e-04 | 0.0 | 0.0 | -1.446e+04 | 5.476e+04 | -5258.23 | 0.0 | 4.207e+05 | -4.381e+06 |
| | | -4.381e+06 | 0.0 | 4.00e-04 | 0.0 | 80.0 | -1.446e+04 | 5.476e+04 | -5258.23 | 0.0 | 0.0 | 1.73e-06 |
| 144 | 449 | -1.05e-06 | 8.797e+04 | -1.75e-03 | 0.0 | 0.0 | -1.648e+04 | 3.364e+04 | -1099.60 | 0.0 | 8.797e+04 | -2.691e+06 |
| | | -2.691e+06 | 0.0 | 2.19e-05 | 0.0 | 80.0 | -1.648e+04 | 3.364e+04 | -1099.60 | 0.0 | 0.0 | -1.05e-06 |
| 144 | 450 | 1.08e-06 | 6.289e+04 | 1.62e-03 | 0.0 | 0.0 | -1.250e+04 | 4.895e+04 | -786.11 | 0.0 | 6.289e+04 | -3.916e+06 |
| | | -3.916e+06 | 0.0 | -1.26e-04 | 0.0 | 80.0 | -1.250e+04 | 4.895e+04 | -786.11 | 0.0 | 0.0 | 1.08e-06 |
| 144 | 451 | 1.59e-06 | 1.499e+05 | 1.64e-03 | 0.0 | 0.0 | -1.285e+04 | 5.085e+04 | -1874.23 | 0.0 | 1.499e+05 | -4.068e+06 |
| | | -4.068e+06 | 0.0 | 9.36e-06 | 0.0 | 80.0 | -1.285e+04 | 5.085e+04 | -1874.23 | 0.0 | 0.0 | 1.59e-06 |
| 144 | 455 | 1.67e-06 | 1.430e+05 | 1.63e-03 | 0.0 | 0.0 | -1.281e+04 | 5.052e+04 | -1787.21 | 0.0 | 1.430e+05 | -4.041e+06 |
| | | -4.041e+06 | 0.0 | -1.01e-05 | 0.0 | 80.0 | -1.281e+04 | 5.052e+04 | -1787.21 | 0.0 | 0.0 | 1.67e-06 |
| 144 | 460 | -1.23e-06 | 0.0 | -6.20e-04 | 0.0 | 0.0 | -1.446e+04 | 3.555e+04 | 986.87 | 0.0 | -7.895e+04 | -2.844e+06 |
| | | -2.844e+06 | -7.895e+04 | -2.75e-04 | 0.0 | 80.0 | -1.446e+04 | 3.555e+04 | 986.87 | 0.0 | 0.0 | -1.23e-06 |
| 144 | 463 | 1.27e-06 | 2.298e+05 | 4.83e-04 | 0.0 | 0.0 | -1.452e+04 | 4.704e+04 | -2872.58 | 0.0 | 2.298e+05 | -3.763e+06 |
| | | -3.763e+06 | 0.0 | 1.71e-04 | 0.0 | 80.0 | -1.452e+04 | 4.704e+04 | -2872.58 | 0.0 | 0.0 | 1.27e-06 |
| 445 | 5 | 0.0 | 0.0 | -1.50e-05 | 0.0 | 0.0 | -2.442e+04 | 7.025e+04 | 1385.25 | 0.0 | -1.108e+05 | -5.620e+06 |
| | | -5.620e+06 | -1.108e+05 | -1.42e-06 | 0.0 | 80.0 | -2.442e+04 | 7.025e+04 | 1385.25 | 0.0 | 0.0 | 0.0 |
| 445 | 31 | 0.0 | 1.254e+05 | -1.36e-05 | 0.0 | 0.0 | -4.673e+04 | 6.379e+04 | -1567.13 | 0.0 | 1.254e+05 | -5.103e+06 |
| | | -5.103e+06 | 0.0 | 1.61e-06 | 0.0 | 80.0 | -4.673e+04 | 6.379e+04 | -1567.13 | 0.0 | 0.0 | 0.0 |
| 445 | 34 | 0.0 | 1.826e+05 | -8.40e-06 | 0.0 | 0.0 | -3.316e+04 | 3.937e+04 | -2282.58 | 0.0 | 1.826e+05 | -3.150e+06 |
| | | -3.150e+06 | 0.0 | 2.35e-06 | 0.0 | 80.0 | -3.316e+04 | 3.937e+04 | -2282.58 | 0.0 | 0.0 | 0.0 |
| 445 | 106 | 0.0 | 0.0 | -1.15e-05 | 0.0 | 0.0 | -1.492e+04 | 5.395e+04 | 1730.97 | 0.0 | -1.385e+05 | -4.316e+06 |
| | | -4.316e+06 | -1.385e+05 | -1.78e-06 | 0.0 | 80.0 | -1.492e+04 | 5.395e+04 | 1730.97 | 0.0 | 0.0 | 0.0 |
| 445 | 111 | 0.0 | 0.0 | -1.77e-05 | 0.0 | 0.0 | -2.237e+04 | 8.294e+04 | 3523.67 | 0.0 | -2.819e+05 | -6.636e+06 |
| | | -6.636e+06 | -2.819e+05 | -3.62e-06 | 0.0 | 80.0 | -2.237e+04 | 8.294e+04 | 3523.67 | 0.0 | 0.0 | 0.0 |
| 445 | 263 | 0.0 | 0.0 | -1.11e-05 | 0.0 | 0.0 | -1.786e+04 | 5.191e+04 | 1236.97 | 0.0 | -9.896e+04 | -4.153e+06 |
| | | -4.153e+06 | -9.896e+04 | -1.27e-06 | 0.0 | 80.0 | -1.786e+04 | 5.191e+04 | 1236.97 | 0.0 | 0.0 | 0.0 |
| 445 | 276 | 0.0 | 8.652e+04 | -1.01e-05 | 0.0 | 0.0 | -3.453e+04 | 4.746e+04 | -1081.53 | 0.0 | 8.652e+04 | -3.797e+06 |
| | | -3.797e+06 | 0.0 | 1.11e-06 | 0.0 | 80.0 | -3.453e+04 | 4.746e+04 | -1081.53 | 0.0 | 0.0 | 0.0 |
| 445 | 277 | 0.0 | 1.095e+05 | -8.74e-06 | 0.0 | 0.0 | -2.889e+04 | 4.097e+04 | -1369.23 | 0.0 | 1.095e+05 | -3.278e+06 |
| | | -3.278e+06 | 0.0 | 1.41e-06 | 0.0 | 80.0 | -2.889e+04 | 4.097e+04 | -1369.23 | 0.0 | 0.0 | 0.0 |
| 445 | 313 | 0.0 | 0.0 | -1.10e-05 | 0.0 | 0.0 | -1.534e+04 | 5.178e+04 | 1598.22 | 0.0 | -1.279e+05 | -4.143e+06 |
| | | -4.143e+06 | -1.279e+05 | -1.64e-06 | 0.0 | 80.0 | -1.534e+04 | 5.178e+04 | 1598.22 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|-----------|----------|-----|------------|------------|
| 445 | 316 | 0.0 | 0.0 | -1.32e-05 | 0.0 | 0.0 | -1.649e+04 | 6.165e+04 | 2689.43 | 0.0 | -2.152e+05 | -4.932e+06 |
| | | -4.932e+06 | -2.152e+05 | -2.77e-06 | 0.0 | 80.0 | -1.649e+04 | 6.165e+04 | 2689.43 | 0.0 | 0.0 | 0.0 |
| 445 | 393 | 0.0 | 0.0 | -8.45e-06 | 0.0 | 0.0 | -1.475e+04 | 3.961e+04 | 526.70 | 0.0 | -4.214e+04 | -3.169e+06 |
| | | -3.169e+06 | -4.214e+04 | 0.0 | 0.0 | 80.0 | -1.475e+04 | 3.961e+04 | 526.70 | 0.0 | 0.0 | 0.0 |
| 445 | 394 | 0.0 | 0.0 | -1.03e-05 | 0.0 | 0.0 | -1.541e+04 | 4.825e+04 | 1732.27 | 0.0 | -1.386e+05 | -3.860e+06 |
| | | -3.860e+06 | -1.386e+05 | -1.78e-06 | 0.0 | 80.0 | -1.541e+04 | 4.825e+04 | 1732.27 | 0.0 | 0.0 | 0.0 |
| 445 | 395 | 0.0 | 3.001e+04 | -9.56e-06 | 0.0 | 0.0 | -2.891e+04 | 4.479e+04 | -375.12 | 0.0 | 3.001e+04 | -3.584e+06 |
| | | -3.584e+06 | 0.0 | 0.0 | 0.0 | 80.0 | -2.891e+04 | 4.479e+04 | -375.12 | 0.0 | 0.0 | 0.0 |
| 445 | 399 | 0.0 | 0.0 | -1.18e-05 | 0.0 | 0.0 | -1.537e+04 | 5.544e+04 | 2453.10 | 0.0 | -1.962e+05 | -4.435e+06 |
| | | -4.435e+06 | -1.962e+05 | -2.52e-06 | 0.0 | 80.0 | -1.537e+04 | 5.544e+04 | 2453.10 | 0.0 | 0.0 | 0.0 |
| 445 | 407 | 0.0 | 0.0 | -8.69e-06 | 0.0 | 0.0 | -1.475e+04 | 4.071e+04 | 1123.45 | 0.0 | -8.988e+04 | -3.257e+06 |
| | | -3.257e+06 | -8.988e+04 | -1.16e-06 | 0.0 | 80.0 | -1.475e+04 | 4.071e+04 | 1123.45 | 0.0 | 0.0 | 0.0 |
| 445 | 412 | 0.0 | 0.0 | -1.41e-05 | 0.0 | 0.0 | -1.132e+04 | 6.629e+04 | 3268.26 | 0.0 | -2.615e+05 | -5.303e+06 |
| | | -5.303e+06 | -2.615e+05 | -3.36e-06 | 0.0 | 80.0 | -1.132e+04 | 6.629e+04 | 3268.26 | 0.0 | 0.0 | 0.0 |
| 445 | 413 | 0.0 | 0.0 | -1.29e-05 | 0.0 | 0.0 | -1.094e+04 | 6.043e+04 | 771.23 | 0.0 | -6.170e+04 | -4.834e+06 |
| | | -4.834e+06 | -6.170e+04 | 0.0 | 0.0 | 80.0 | -1.094e+04 | 6.043e+04 | 771.23 | 0.0 | 0.0 | 0.0 |
| 445 | 414 | 0.0 | 0.0 | -4.48e-06 | 0.0 | 0.0 | -1.856e+04 | 2.100e+04 | 1475.68 | 0.0 | -1.181e+05 | -1.680e+06 |
| | | -1.680e+06 | -1.181e+05 | -1.52e-06 | 0.0 | 80.0 | -1.856e+04 | 2.100e+04 | 1475.68 | 0.0 | 0.0 | 0.0 |
| 445 | 418 | 0.0 | 0.0 | -4.30e-06 | 0.0 | 0.0 | -1.842e+04 | 2.017e+04 | 741.43 | 0.0 | -5.931e+04 | -1.613e+06 |
| | | -1.613e+06 | -5.931e+04 | 0.0 | 0.0 | 80.0 | -1.842e+04 | 2.017e+04 | 741.43 | 0.0 | 0.0 | 0.0 |
| 445 | 436 | 0.0 | 0.0 | -1.22e-05 | 0.0 | 0.0 | -1.432e+04 | 5.714e+04 | 5627.65 | 0.0 | -4.502e+05 | -4.571e+06 |
| | | -4.571e+06 | -4.502e+05 | -5.79e-06 | 0.0 | 80.0 | -1.432e+04 | 5.714e+04 | 5627.65 | 0.0 | 0.0 | 0.0 |
| 445 | 439 | 0.0 | 2.705e+05 | -5.18e-06 | 0.0 | 0.0 | -1.518e+04 | 2.429e+04 | -3380.75 | 0.0 | 2.705e+05 | -1.943e+06 |
| | | -1.943e+06 | 0.0 | 3.48e-06 | 0.0 | 80.0 | -1.518e+04 | 2.429e+04 | -3380.75 | 0.0 | 0.0 | 0.0 |
| 445 | 441 | 0.0 | 0.0 | -1.08e-05 | 0.0 | 0.0 | -1.280e+04 | 5.066e+04 | 1252.61 | 0.0 | -1.002e+05 | -4.053e+06 |
| | | -4.053e+06 | -1.002e+05 | -1.29e-06 | 0.0 | 80.0 | -1.280e+04 | 5.066e+04 | 1252.61 | 0.0 | 0.0 | 0.0 |
| 445 | 442 | 0.0 | 0.0 | -6.56e-06 | 0.0 | 0.0 | -1.670e+04 | 3.077e+04 | 994.29 | 0.0 | -7.954e+04 | -2.461e+06 |
| | | -2.461e+06 | -7.954e+04 | -1.02e-06 | 0.0 | 80.0 | -1.670e+04 | 3.077e+04 | 994.29 | 0.0 | 0.0 | 0.0 |
| 445 | 444 | 0.0 | 0.0 | -1.14e-05 | 0.0 | 0.0 | -1.300e+04 | 5.347e+04 | 2188.08 | 0.0 | -1.750e+05 | -4.277e+06 |
| | | -4.277e+06 | -1.750e+05 | -2.25e-06 | 0.0 | 80.0 | -1.300e+04 | 5.347e+04 | 2188.08 | 0.0 | 0.0 | 0.0 |
| 445 | 462 | 0.0 | 0.0 | -8.94e-06 | 0.0 | 0.0 | -1.566e+04 | 4.190e+04 | 2014.47 | 0.0 | -1.612e+05 | -3.352e+06 |
| | | -3.352e+06 | -1.612e+05 | -2.07e-06 | 0.0 | 80.0 | -1.566e+04 | 4.190e+04 | 2014.47 | 0.0 | 0.0 | 0.0 |
| 445 | 468 | 0.0 | 0.0 | -1.04e-05 | 0.0 | 0.0 | -1.452e+04 | 4.888e+04 | 3350.66 | 0.0 | -2.681e+05 | -3.910e+06 |
| | | -3.910e+06 | -2.681e+05 | -3.44e-06 | 0.0 | 80.0 | -1.452e+04 | 4.888e+04 | 3350.66 | 0.0 | 0.0 | 0.0 |
| 445 | 471 | 0.0 | 8.830e+04 | -6.94e-06 | 0.0 | 0.0 | -1.498e+04 | 3.255e+04 | -1103.76 | 0.0 | 8.830e+04 | -2.604e+06 |
| | | -2.604e+06 | 0.0 | 1.13e-06 | 0.0 | 80.0 | -1.498e+04 | 3.255e+04 | -1103.76 | 0.0 | 0.0 | 0.0 |
| 446 | 29 | 0.0 | 0.0 | -1.51e-05 | 0.0 | 0.0 | -5.516e+04 | 7.070e+04 | 6283.15 | 0.0 | -5.027e+05 | -5.656e+06 |
| | | -5.656e+06 | -5.027e+05 | -6.46e-06 | 0.0 | 80.0 | -5.516e+04 | 7.070e+04 | 6283.15 | 0.0 | 0.0 | 0.0 |
| 446 | 31 | 0.0 | 0.0 | -1.51e-05 | 0.0 | 0.0 | -5.508e+04 | 7.099e+04 | 6937.01 | 0.0 | -5.550e+05 | -5.679e+06 |
| | | -5.679e+06 | -5.550e+05 | -7.13e-06 | 0.0 | 80.0 | -5.508e+04 | 7.099e+04 | 6937.01 | 0.0 | 0.0 | 0.0 |
| 446 | 51 | 0.0 | 1.360e+04 | -1.95e-05 | 0.0 | 0.0 | -4.023e+04 | 9.136e+04 | -170.05 | 0.0 | 1.360e+04 | -7.309e+06 |
| | | -7.309e+06 | 0.0 | 0.0 | 0.0 | 80.0 | -4.023e+04 | 9.136e+04 | -170.05 | 0.0 | 0.0 | 0.0 |
| 446 | 54 | 0.0 | 1.472e+05 | -1.28e-05 | 0.0 | 0.0 | -2.798e+04 | 5.987e+04 | -1839.81 | 0.0 | 1.472e+05 | -4.790e+06 |
| | | -4.790e+06 | 0.0 | 1.89e-06 | 0.0 | 80.0 | -2.798e+04 | 5.987e+04 | -1839.81 | 0.0 | 0.0 | 0.0 |
| 446 | 81 | 0.0 | 0.0 | -1.54e-05 | 0.0 | 0.0 | -2.407e+04 | 7.215e+04 | 988.49 | 0.0 | -7.908e+04 | -5.772e+06 |
| | | -5.772e+06 | -7.908e+04 | -1.02e-06 | 0.0 | 80.0 | -2.407e+04 | 7.215e+04 | 988.49 | 0.0 | 0.0 | 0.0 |
| 446 | 128 | 0.0 | 0.0 | -9.41e-06 | 0.0 | 0.0 | -1.562e+04 | 4.413e+04 | 636.23 | 0.0 | -5.090e+04 | -3.530e+06 |
| | | -3.530e+06 | -5.090e+04 | 0.0 | 0.0 | 80.0 | -1.562e+04 | 4.413e+04 | 636.23 | 0.0 | 0.0 | 0.0 |
| 446 | 275 | 0.0 | 0.0 | -1.12e-05 | 0.0 | 0.0 | -4.086e+04 | 5.256e+04 | 4784.28 | 0.0 | -3.827e+05 | -4.205e+06 |
| | | -4.205e+06 | -3.827e+05 | -4.92e-06 | 0.0 | 80.0 | -4.086e+04 | 5.256e+04 | 4784.28 | 0.0 | 0.0 | 0.0 |
| 446 | 276 | 0.0 | 0.0 | -1.13e-05 | 0.0 | 0.0 | -4.080e+04 | 5.275e+04 | 5220.18 | 0.0 | -4.176e+05 | -4.220e+06 |
| | | -4.220e+06 | -4.176e+05 | -5.37e-06 | 0.0 | 80.0 | -4.080e+04 | 5.275e+04 | 5220.18 | 0.0 | 0.0 | 0.0 |
| 446 | 286 | 0.0 | 3544.74 | -1.45e-05 | 0.0 | 0.0 | -2.980e+04 | 6.784e+04 | -44.31 | 0.0 | 3544.74 | -5.427e+06 |
| | | -5.427e+06 | 0.0 | 0.0 | 0.0 | 80.0 | -2.980e+04 | 6.784e+04 | -44.31 | 0.0 | 0.0 | 0.0 |
| 446 | 287 | 0.0 | 6.133e+04 | -1.19e-05 | 0.0 | 0.0 | -2.430e+04 | 5.592e+04 | -766.66 | 0.0 | 6.133e+04 | -4.473e+06 |
| | | -4.473e+06 | 0.0 | 0.0 | 0.0 | 80.0 | -2.430e+04 | 5.592e+04 | -766.66 | 0.0 | 0.0 | 0.0 |
| 446 | 301 | 0.0 | 0.0 | -1.13e-05 | 0.0 | 0.0 | -1.757e+04 | 5.288e+04 | 830.92 | 0.0 | -6.647e+04 | -4.231e+06 |
| | | -4.231e+06 | -6.647e+04 | 0.0 | 0.0 | 80.0 | -1.757e+04 | 5.288e+04 | 830.92 | 0.0 | 0.0 | 0.0 |
| 446 | 324 | 0.0 | 0.0 | -9.43e-06 | 0.0 | 0.0 | -1.513e+04 | 4.419e+04 | 970.26 | 0.0 | -7.762e+04 | -3.535e+06 |
| | | -3.535e+06 | -7.762e+04 | 0.0 | 0.0 | 80.0 | -1.513e+04 | 4.419e+04 | 970.26 | 0.0 | 0.0 | 0.0 |
| 446 | 392 | 0.0 | 0.0 | -8.25e-06 | 0.0 | 0.0 | -1.354e+04 | 3.865e+04 | 1312.09 | 0.0 | -1.050e+05 | -3.092e+06 |
| | | -3.092e+06 | -1.050e+05 | -1.35e-06 | 0.0 | 80.0 | -1.354e+04 | 3.865e+04 | 1312.09 | 0.0 | 0.0 | 0.0 |
| 446 | 395 | 0.0 | 0.0 | -1.01e-05 | 0.0 | 0.0 | -3.256e+04 | 4.725e+04 | 4729.88 | 0.0 | -3.784e+05 | -3.780e+06 |
| | | -3.780e+06 | -3.784e+05 | -4.86e-06 | 0.0 | 80.0 | -3.256e+04 | 4.725e+04 | 4729.88 | 0.0 | 0.0 | 0.0 |
| 446 | 396 | 0.0 | 0.0 | -1.25e-05 | 0.0 | 0.0 | -2.431e+04 | 5.856e+04 | 781.51 | 0.0 | -6.252e+04 | -4.685e+06 |
| | | -4.685e+06 | -6.252e+04 | 0.0 | 0.0 | 80.0 | -2.431e+04 | 5.856e+04 | 781.51 | 0.0 | 0.0 | 0.0 |
| 446 | 398 | 0.0 | 0.0 | -1.04e-05 | 0.0 | 0.0 | -1.526e+04 | 4.856e+04 | 1762.53 | 0.0 | -1.410e+05 | -3.884e+06 |
| | | -3.884e+06 | -1.410e+05 | -1.81e-06 | 0.0 | 80.0 | -1.526e+04 | 4.856e+04 | 1762.53 | 0.0 | 0.0 | 0.0 |
| 446 | 407 | 0.0 | 0.0 | -8.68e-06 | 0.0 | 0.0 | -1.355e+04 | 4.070e+04 | 1369.28 | 0.0 | -1.095e+05 | -3.256e+06 |
| | | -3.256e+06 | -1.095e+05 | -1.41e-06 | 0.0 | 80.0 | -1.355e+04 | 4.070e+04 | 1369.28 | 0.0 | 0.0 | 0.0 |
| 446 | 412 | 0.0 | 0.0 | -1.37e-05 | 0.0 | 0.0 | -1.665e+04 | 6.421e+04 | 3854.44 | 0.0 | -3.084e+05 | -5.137e+06 |
| | | -5.137e+06 | -3.084e+05 | -3.96e-06 | 0.0 | 80.0 | -1.665e+04 | 6.421e+04 | 3854.44 | 0.0 | 0.0 | 0.0 |
| 446 | 413 | 0.0 | 0.0 | -1.32e-05 | 0.0 | 0.0 | -1.690e+04 | 6.195e+04 | 343.62 | 0.0 | -2.749e+04 | -4.956e+06 |
| | | -4.956e+06 | -2.749e+04 | 0.0 | 0.0 | 80.0 | -1.690e+04 | 6.195e+04 | 343.62 | 0.0 | 0.0 | 0.0 |
| 446 | 414 | 0.0 | 0.0 | -4.15e-06 | 0.0 | 0.0 | -1.020e+04 | 1.945e+04 | 2394.94 | 0.0 | -1.916e+05 | -1.556e+06 |
| | | -1.556e+06 | -1.916e+05 | -2.46e-06 | 0.0 | 80.0 | -1.020e+04 | 1.945e+04 | 2394.94 | 0.0 | 0.0 | 0.0 |
| 446 | 436 | 0.0 | 0.0 | -1.09e-05 | 0.0 | 0.0 | -1.410e+04 | 5.111e+04 | 7569.04 | 0.0 | -6.055e+05 | -4.089e+06 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|-----------|------------|-----|------------|------------|
| | | -4.089e+06 | -6.055e+05 | -7.78e-06 | 0.0 | 80.0 | -1.410e+04 | 5.111e+04 | 7569.04 | 0.0 | 0.0 | 0.0 |
| 446 | 439 | 0.0 | 3.864e+05 | -6.46e-06 | 0.0 | 0.0 | -1.300e+04 | 3.029e+04 | -4830.47 | 0.0 | 3.864e+05 | -2.423e+06 |
| | | -2.423e+06 | 0.0 | 4.97e-06 | 0.0 | 80.0 | -1.300e+04 | 3.029e+04 | -4830.47 | 0.0 | 0.0 | 0.0 |
| 446 | 440 | 0.0 | 0.0 | -1.12e-05 | 0.0 | 0.0 | -1.512e+04 | 5.258e+04 | 2252.74 | 0.0 | -1.802e+05 | -4.207e+06 |
| | | -4.207e+06 | -1.802e+05 | -2.32e-06 | 0.0 | 80.0 | -1.512e+04 | 5.258e+04 | 2252.74 | 0.0 | 0.0 | 0.0 |
| 446 | 441 | 0.0 | 0.0 | -1.09e-05 | 0.0 | 0.0 | -1.525e+04 | 5.116e+04 | 1217.07 | 0.0 | -9.737e+04 | -4.092e+06 |
| | | -4.092e+06 | -9.737e+04 | -1.25e-06 | 0.0 | 80.0 | -1.525e+04 | 5.116e+04 | 1217.07 | 0.0 | 0.0 | 0.0 |
| 446 | 442 | 0.0 | 0.0 | -6.45e-06 | 0.0 | 0.0 | -1.185e+04 | 3.024e+04 | 1521.49 | 0.0 | -1.217e+05 | -2.419e+06 |
| | | -2.419e+06 | -1.217e+05 | -1.56e-06 | 0.0 | 80.0 | -1.185e+04 | 3.024e+04 | 1521.49 | 0.0 | 0.0 | 0.0 |
| 446 | 459 | 0.0 | 3.732e+04 | -7.46e-06 | 0.0 | 0.0 | -1.329e+04 | 3.497e+04 | -466.51 | 0.0 | 3.732e+04 | -2.797e+06 |
| | | -2.797e+06 | 0.0 | 0.0 | 0.0 | 80.0 | -1.329e+04 | 3.497e+04 | -466.51 | 0.0 | 0.0 | 0.0 |
| 446 | 468 | 0.0 | 0.0 | -9.79e-06 | 0.0 | 0.0 | -1.383e+04 | 4.587e+04 | 4439.25 | 0.0 | -3.551e+05 | -3.670e+06 |
| | | -3.670e+06 | -3.551e+05 | -4.56e-06 | 0.0 | 80.0 | -1.383e+04 | 4.587e+04 | 4439.25 | 0.0 | 0.0 | 0.0 |
| 446 | 471 | 0.0 | 1.361e+05 | -7.58e-06 | 0.0 | 0.0 | -1.327e+04 | 3.553e+04 | -1700.68 | 0.0 | 1.361e+05 | -2.842e+06 |
| | | -2.842e+06 | 0.0 | 1.75e-06 | 0.0 | 80.0 | -1.327e+04 | 3.553e+04 | -1700.68 | 0.0 | 0.0 | 0.0 |
| 447 | 29 | 0.0 | 9.298e+05 | -1.72e-05 | 0.0 | 0.0 | -6.408e+04 | 8.084e+04 | -1.162e+04 | 0.0 | 9.298e+05 | -6.467e+06 |
| | | -6.467e+06 | 0.0 | 1.19e-05 | 0.0 | 80.0 | -6.408e+04 | 8.084e+04 | -1.162e+04 | 0.0 | 0.0 | 0.0 |
| 447 | 31 | 0.0 | 8.774e+05 | -1.72e-05 | 0.0 | 0.0 | -6.416e+04 | 8.055e+04 | -1.097e+04 | 0.0 | 8.774e+05 | -6.444e+06 |
| | | -6.444e+06 | 0.0 | 1.13e-05 | 0.0 | 80.0 | -6.416e+04 | 8.055e+04 | -1.097e+04 | 0.0 | 0.0 | 0.0 |
| 447 | 49 | 0.0 | 4.857e+05 | -2.31e-05 | 0.0 | 0.0 | -4.372e+04 | 1.082e+05 | -6071.83 | 0.0 | 4.857e+05 | -8.654e+06 |
| | | -8.654e+06 | 0.0 | 6.24e-06 | 0.0 | 80.0 | -4.372e+04 | 1.082e+05 | -6071.83 | 0.0 | 0.0 | 0.0 |
| 447 | 101 | 0.0 | 3.671e+05 | -1.85e-05 | 0.0 | 0.0 | -2.518e+04 | 8.655e+04 | -4588.65 | 0.0 | 3.671e+05 | -6.924e+06 |
| | | -6.924e+06 | 0.0 | 4.72e-06 | 0.0 | 80.0 | -2.518e+04 | 8.655e+04 | -4588.65 | 0.0 | 0.0 | 0.0 |
| 447 | 186 | 0.0 | 3.092e+05 | -1.02e-05 | 0.0 | 0.0 | -1.671e+04 | 4.759e+04 | -3865.39 | 0.0 | 3.092e+05 | -3.807e+06 |
| | | -3.807e+06 | 0.0 | 3.97e-06 | 0.0 | 80.0 | -1.671e+04 | 4.759e+04 | -3865.39 | 0.0 | 0.0 | 0.0 |
| 447 | 205 | 0.0 | 3.776e+05 | -1.46e-05 | 0.0 | 0.0 | -2.155e+04 | 6.858e+04 | -4719.61 | 0.0 | 3.776e+05 | -5.486e+06 |
| | | -5.486e+06 | 0.0 | 4.85e-06 | 0.0 | 80.0 | -2.155e+04 | 6.858e+04 | -4719.61 | 0.0 | 0.0 | 0.0 |
| 447 | 275 | 0.0 | 6.770e+05 | -1.28e-05 | 0.0 | 0.0 | -4.747e+04 | 5.997e+04 | -8462.31 | 0.0 | 6.770e+05 | -4.797e+06 |
| | | -4.797e+06 | 0.0 | 8.70e-06 | 0.0 | 80.0 | -4.747e+04 | 5.997e+04 | -8462.31 | 0.0 | 0.0 | 0.0 |
| 447 | 276 | 0.0 | 6.420e+05 | -1.28e-05 | 0.0 | 0.0 | -4.753e+04 | 5.977e+04 | -8025.19 | 0.0 | 6.420e+05 | -4.782e+06 |
| | | -4.782e+06 | 0.0 | 8.25e-06 | 0.0 | 80.0 | -4.753e+04 | 5.977e+04 | -8025.19 | 0.0 | 0.0 | 0.0 |
| 447 | 285 | 0.0 | 3.480e+05 | -1.71e-05 | 0.0 | 0.0 | -3.239e+04 | 8.022e+04 | -4350.51 | 0.0 | 3.480e+05 | -6.417e+06 |
| | | -6.417e+06 | 0.0 | 4.47e-06 | 0.0 | 80.0 | -3.239e+04 | 8.022e+04 | -4350.51 | 0.0 | 0.0 | 0.0 |
| 447 | 311 | 0.0 | 2.575e+05 | -1.35e-05 | 0.0 | 0.0 | -1.840e+04 | 6.346e+04 | -3218.19 | 0.0 | 2.575e+05 | -5.077e+06 |
| | | -5.077e+06 | 0.0 | 3.31e-06 | 0.0 | 80.0 | -1.840e+04 | 6.346e+04 | -3218.19 | 0.0 | 0.0 | 0.0 |
| 447 | 353 | 0.0 | 2.526e+05 | -9.96e-06 | 0.0 | 0.0 | -1.594e+04 | 4.668e+04 | -3157.05 | 0.0 | 2.526e+05 | -3.734e+06 |
| | | -3.734e+06 | 0.0 | 3.25e-06 | 0.0 | 80.0 | -1.594e+04 | 4.668e+04 | -3157.05 | 0.0 | 0.0 | 0.0 |
| 447 | 363 | 0.0 | 2.664e+05 | -1.09e-05 | 0.0 | 0.0 | -1.597e+04 | 5.089e+04 | -3330.16 | 0.0 | 2.664e+05 | -4.071e+06 |
| | | -4.071e+06 | 0.0 | 3.42e-06 | 0.0 | 80.0 | -1.597e+04 | 5.089e+04 | -3330.16 | 0.0 | 0.0 | 0.0 |
| 447 | 392 | 0.0 | 1.115e+05 | -8.25e-06 | 0.0 | 0.0 | -1.354e+04 | 3.866e+04 | -1393.68 | 0.0 | 1.115e+05 | -3.093e+06 |
| | | -3.093e+06 | 0.0 | 1.43e-06 | 0.0 | 80.0 | -1.354e+04 | 3.866e+04 | -1393.68 | 0.0 | 0.0 | 0.0 |
| 447 | 395 | 0.0 | 4.437e+05 | -1.08e-05 | 0.0 | 0.0 | -3.685e+04 | 5.039e+04 | -5545.66 | 0.0 | 4.437e+05 | -4.031e+06 |
| | | -4.031e+06 | 0.0 | 5.70e-06 | 0.0 | 80.0 | -3.685e+04 | 5.039e+04 | -5545.66 | 0.0 | 0.0 | 0.0 |
| 447 | 396 | 0.0 | 1.969e+05 | -1.40e-05 | 0.0 | 0.0 | -2.554e+04 | 6.558e+04 | -2461.82 | 0.0 | 1.969e+05 | -5.246e+06 |
| | | -5.246e+06 | 0.0 | 2.53e-06 | 0.0 | 80.0 | -2.554e+04 | 6.558e+04 | -2461.82 | 0.0 | 0.0 | 0.0 |
| 447 | 399 | 0.0 | 1.385e+05 | -1.24e-05 | 0.0 | 0.0 | -1.616e+04 | 5.823e+04 | -1730.70 | 0.0 | 1.385e+05 | -4.659e+06 |
| | | -4.659e+06 | 0.0 | 1.78e-06 | 0.0 | 80.0 | -1.616e+04 | 5.823e+04 | -1730.70 | 0.0 | 0.0 | 0.0 |
| 447 | 404 | 0.0 | 1.578e+05 | -1.12e-05 | 0.0 | 0.0 | -1.610e+04 | 5.247e+04 | -1972.00 | 0.0 | 1.578e+05 | -4.198e+06 |
| | | -4.198e+06 | 0.0 | 2.03e-06 | 0.0 | 80.0 | -1.610e+04 | 5.247e+04 | -1972.00 | 0.0 | 0.0 | 0.0 |
| 447 | 407 | 0.0 | 1.162e+05 | -8.69e-06 | 0.0 | 0.0 | -1.355e+04 | 4.071e+04 | -1453.04 | 0.0 | 1.162e+05 | -3.257e+06 |
| | | -3.257e+06 | 0.0 | 1.49e-06 | 0.0 | 80.0 | -1.355e+04 | 4.071e+04 | -1453.04 | 0.0 | 0.0 | 0.0 |
| 447 | 415 | 0.0 | 1.617e+05 | -4.19e-06 | 0.0 | 0.0 | -1.022e+04 | 1.965e+04 | -2021.52 | 0.0 | 1.617e+05 | -1.572e+06 |
| | | -1.572e+06 | 0.0 | 2.08e-06 | 0.0 | 80.0 | -1.022e+04 | 1.965e+04 | -2021.52 | 0.0 | 0.0 | 0.0 |
| 447 | 420 | 0.0 | 3.603e+04 | -1.32e-05 | 0.0 | 0.0 | -1.690e+04 | 6.198e+04 | -450.33 | 0.0 | 3.603e+04 | -4.958e+06 |
| | | -4.958e+06 | 0.0 | 0.0 | 0.0 | 80.0 | -1.690e+04 | 6.198e+04 | -450.33 | 0.0 | 0.0 | 0.0 |
| 447 | 421 | 0.0 | 3.189e+05 | -1.37e-05 | 0.0 | 0.0 | -1.665e+04 | 6.418e+04 | -3986.11 | 0.0 | 3.189e+05 | -5.134e+06 |
| | | -5.134e+06 | 0.0 | 4.10e-06 | 0.0 | 80.0 | -1.665e+04 | 6.418e+04 | -3986.11 | 0.0 | 0.0 | 0.0 |
| 447 | 423 | 0.0 | 1.965e+05 | -4.15e-06 | 0.0 | 0.0 | -1.020e+04 | 1.945e+04 | -2455.76 | 0.0 | 1.965e+05 | -1.556e+06 |
| | | -1.556e+06 | 0.0 | 2.52e-06 | 0.0 | 80.0 | -1.020e+04 | 1.945e+04 | -2455.76 | 0.0 | 0.0 | 0.0 |
| 447 | 433 | 0.0 | 6.165e+05 | -1.09e-05 | 0.0 | 0.0 | -1.409e+04 | 5.103e+04 | -7705.84 | 0.0 | 6.165e+05 | -4.082e+06 |
| | | -4.082e+06 | 0.0 | 7.92e-06 | 0.0 | 80.0 | -1.409e+04 | 5.103e+04 | -7705.84 | 0.0 | 0.0 | 0.0 |
| 447 | 434 | 0.0 | 0.0 | -6.48e-06 | 0.0 | 0.0 | -1.301e+04 | 3.039e+04 | 4799.76 | 0.0 | -3.840e+05 | -2.432e+06 |
| | | -2.432e+06 | -3.840e+05 | -4.93e-06 | 0.0 | 80.0 | -1.301e+04 | 3.039e+04 | 4799.76 | 0.0 | 0.0 | 0.0 |
| 447 | 443 | 0.0 | 1.094e+05 | -6.44e-06 | 0.0 | 0.0 | -1.183e+04 | 3.021e+04 | -1367.00 | 0.0 | 1.094e+05 | -2.417e+06 |
| | | -2.417e+06 | 0.0 | 1.41e-06 | 0.0 | 80.0 | -1.183e+04 | 3.021e+04 | -1367.00 | 0.0 | 0.0 | 0.0 |
| 447 | 448 | 0.0 | 1.058e+05 | -1.09e-05 | 0.0 | 0.0 | -1.528e+04 | 5.131e+04 | -1322.46 | 0.0 | 1.058e+05 | -4.105e+06 |
| | | -4.105e+06 | 0.0 | 1.36e-06 | 0.0 | 80.0 | -1.528e+04 | 5.131e+04 | -1322.46 | 0.0 | 0.0 | 0.0 |
| 447 | 449 | 0.0 | 1.880e+05 | -1.12e-05 | 0.0 | 0.0 | -1.509e+04 | 5.244e+04 | -2350.19 | 0.0 | 1.880e+05 | -4.195e+06 |
| | | -4.195e+06 | 0.0 | 2.42e-06 | 0.0 | 80.0 | -1.509e+04 | 5.244e+04 | -2350.19 | 0.0 | 0.0 | 0.0 |
| 447 | 451 | 0.0 | 1.267e+05 | -6.42e-06 | 0.0 | 0.0 | -1.182e+04 | 3.011e+04 | -1583.62 | 0.0 | 1.267e+05 | -2.409e+06 |
| | | -2.409e+06 | 0.0 | 1.63e-06 | 0.0 | 80.0 | -1.182e+04 | 3.011e+04 | -1583.62 | 0.0 | 0.0 | 0.0 |
| 447 | 465 | 0.0 | 3.639e+05 | -9.78e-06 | 0.0 | 0.0 | -1.383e+04 | 4.584e+04 | -4548.90 | 0.0 | 3.639e+05 | -3.667e+06 |
| | | -3.667e+06 | 0.0 | 4.68e-06 | 0.0 | 80.0 | -1.383e+04 | 4.584e+04 | -4548.90 | 0.0 | 0.0 | 0.0 |
| 447 | 466 | 0.0 | 0.0 | -7.59e-06 | 0.0 | 0.0 | -1.327e+04 | 3.559e+04 | 1642.82 | 0.0 | -1.314e+05 | -2.847e+06 |
| | | -2.847e+06 | -1.314e+05 | -1.69e-06 | 0.0 | 80.0 | -1.327e+04 | 3.559e+04 | 1642.82 | 0.0 | 0.0 | 0.0 |
| 448 | 29 | 0.0 | 0.0 | -1.83e-05 | 0.0 | 0.0 | -6.795e+04 | 8.566e+04 | 718.60 | 0.0 | -5.749e+04 | -6.853e+06 |
| | | -6.853e+06 | -5.749e+04 | 0.0 | 0.0 | 80.0 | -6.795e+04 | 8.566e+04 | 718.60 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|-----|------|------------|------------|----------|-----|------------|------------|
| 448 | 32 | 0.0 | 0.0 | -1.48e-05 | 0.0 | 0.0 | -6.187e+04 | 6.920e+04 | 1319.55 | 0.0 | -1.056e+05 | -5.536e+06 |
| | | -5.536e+06 | -1.056e+05 | -1.36e-06 | 0.0 | 80.0 | -6.187e+04 | 6.920e+04 | 1319.55 | 0.0 | 0.0 | 0.0 |
| 448 | 49 | 0.0 | 2.267e+05 | -2.53e-05 | 0.0 | 0.0 | -5.140e+04 | 1.184e+05 | -2834.33 | 0.0 | 2.267e+05 | -9.469e+06 |
| | | -9.469e+06 | 0.0 | 2.91e-06 | 0.0 | 80.0 | -5.140e+04 | 1.184e+05 | -2834.33 | 0.0 | 0.0 | 0.0 |
| 448 | 108 | 0.0 | 2.128e+05 | -1.33e-05 | 0.0 | 0.0 | -1.809e+04 | 6.217e+04 | -2660.58 | 0.0 | 2.128e+05 | -4.974e+06 |
| | | -4.974e+06 | 0.0 | 2.74e-06 | 0.0 | 80.0 | -1.809e+04 | 6.217e+04 | -2660.58 | 0.0 | 0.0 | 0.0 |
| 448 | 109 | 0.0 | 3.055e+05 | -2.12e-05 | 0.0 | 0.0 | -3.034e+04 | 9.954e+04 | -3819.24 | 0.0 | 3.055e+05 | -7.963e+06 |
| | | -7.963e+06 | 0.0 | 3.93e-06 | 0.0 | 80.0 | -3.034e+04 | 9.954e+04 | -3819.24 | 0.0 | 0.0 | 0.0 |
| 448 | 275 | 0.0 | 0.0 | -1.35e-05 | 0.0 | 0.0 | -5.025e+04 | 6.340e+04 | 591.08 | 0.0 | -4.729e+04 | -5.072e+06 |
| | | -5.072e+06 | -4.729e+04 | 0.0 | 0.0 | 80.0 | -5.025e+04 | 6.340e+04 | 591.08 | 0.0 | 0.0 | 0.0 |
| 448 | 276 | 0.0 | 0.0 | -1.34e-05 | 0.0 | 0.0 | -5.012e+04 | 6.278e+04 | 804.36 | 0.0 | -6.435e+04 | -5.022e+06 |
| | | -5.022e+06 | -6.435e+04 | 0.0 | 0.0 | 80.0 | -5.012e+04 | 6.278e+04 | 804.36 | 0.0 | 0.0 | 0.0 |
| 448 | 285 | 0.0 | 1.633e+05 | -1.87e-05 | 0.0 | 0.0 | -3.799e+04 | 8.763e+04 | -2040.72 | 0.0 | 1.633e+05 | -7.010e+06 |
| | | -7.010e+06 | 0.0 | 2.10e-06 | 0.0 | 80.0 | -3.799e+04 | 8.763e+04 | -2040.72 | 0.0 | 0.0 | 0.0 |
| 448 | 314 | 0.0 | 1.722e+05 | -1.23e-05 | 0.0 | 0.0 | -1.770e+04 | 5.762e+04 | -2151.90 | 0.0 | 1.722e+05 | -4.609e+06 |
| | | -4.609e+06 | 0.0 | 2.21e-06 | 0.0 | 80.0 | -1.770e+04 | 5.762e+04 | -2151.90 | 0.0 | 0.0 | 0.0 |
| 448 | 315 | 0.0 | 2.216e+05 | -1.57e-05 | 0.0 | 0.0 | -2.239e+04 | 7.368e+04 | -2770.28 | 0.0 | 2.216e+05 | -5.895e+06 |
| | | -5.895e+06 | 0.0 | 2.85e-06 | 0.0 | 80.0 | -2.239e+04 | 7.368e+04 | -2770.28 | 0.0 | 0.0 | 0.0 |
| 448 | 391 | 0.0 | 9.120e+04 | -8.69e-06 | 0.0 | 0.0 | -1.475e+04 | 4.074e+04 | -1140.04 | 0.0 | 9.120e+04 | -3.259e+06 |
| | | -3.259e+06 | 0.0 | 1.17e-06 | 0.0 | 80.0 | -1.475e+04 | 4.074e+04 | -1140.04 | 0.0 | 0.0 | 0.0 |
| 448 | 395 | 0.0 | 0.0 | -1.10e-05 | 0.0 | 0.0 | -3.862e+04 | 5.135e+04 | 706.49 | 0.0 | -5.652e+04 | -4.108e+06 |
| | | -4.108e+06 | -5.652e+04 | 0.0 | 0.0 | 80.0 | -3.862e+04 | 5.135e+04 | 706.49 | 0.0 | 0.0 | 0.0 |
| 448 | 396 | 0.0 | 1.014e+05 | -1.48e-05 | 0.0 | 0.0 | -2.943e+04 | 6.952e+04 | -1267.35 | 0.0 | 1.014e+05 | -5.562e+06 |
| | | -5.562e+06 | 0.0 | 1.30e-06 | 0.0 | 80.0 | -2.943e+04 | 6.952e+04 | -1267.35 | 0.0 | 0.0 | 0.0 |
| 448 | 399 | 0.0 | 1.452e+05 | -1.26e-05 | 0.0 | 0.0 | -1.772e+04 | 5.906e+04 | -1814.53 | 0.0 | 1.452e+05 | -4.725e+06 |
| | | -4.725e+06 | 0.0 | 1.87e-06 | 0.0 | 80.0 | -1.772e+04 | 5.906e+04 | -1814.53 | 0.0 | 0.0 | 0.0 |
| 448 | 407 | 0.0 | 9.120e+04 | -8.69e-06 | 0.0 | 0.0 | -1.475e+04 | 4.074e+04 | -1140.04 | 0.0 | 9.120e+04 | -3.259e+06 |
| | | -3.259e+06 | 0.0 | 1.17e-06 | 0.0 | 80.0 | -1.475e+04 | 4.074e+04 | -1140.04 | 0.0 | 0.0 | 0.0 |
| 448 | 413 | 0.0 | 2.818e+05 | -1.40e-05 | 0.0 | 0.0 | -1.139e+04 | 6.571e+04 | -3523.09 | 0.0 | 2.818e+05 | -5.257e+06 |
| | | -5.257e+06 | 0.0 | 3.62e-06 | 0.0 | 80.0 | -1.139e+04 | 6.571e+04 | -3523.09 | 0.0 | 0.0 | 0.0 |
| 448 | 420 | 0.0 | 6.592e+04 | -1.29e-05 | 0.0 | 0.0 | -1.095e+04 | 6.055e+04 | -823.99 | 0.0 | 6.592e+04 | -4.844e+06 |
| | | -4.844e+06 | 0.0 | 0.0 | 0.0 | 80.0 | -1.095e+04 | 6.055e+04 | -823.99 | 0.0 | 0.0 | 0.0 |
| 448 | 421 | 0.0 | 2.622e+05 | -1.41e-05 | 0.0 | 0.0 | -1.133e+04 | 6.618e+04 | -3277.78 | 0.0 | 2.622e+05 | -5.294e+06 |
| | | -5.294e+06 | 0.0 | 3.37e-06 | 0.0 | 80.0 | -1.133e+04 | 6.618e+04 | -3277.78 | 0.0 | 0.0 | 0.0 |
| 448 | 423 | 0.0 | 1.165e+05 | -4.46e-06 | 0.0 | 0.0 | -1.855e+04 | 2.093e+04 | -1456.09 | 0.0 | 1.165e+05 | -1.674e+06 |
| | | -1.674e+06 | 0.0 | 1.50e-06 | 0.0 | 80.0 | -1.855e+04 | 2.093e+04 | -1456.09 | 0.0 | 0.0 | 0.0 |
| 448 | 433 | 0.0 | 4.461e+05 | -1.21e-05 | 0.0 | 0.0 | -1.433e+04 | 5.677e+04 | -5576.54 | 0.0 | 4.461e+05 | -4.541e+06 |
| | | -4.541e+06 | 0.0 | 5.73e-06 | 0.0 | 80.0 | -1.433e+04 | 5.677e+04 | -5576.54 | 0.0 | 0.0 | 0.0 |
| 448 | 434 | 0.0 | 0.0 | -5.27e-06 | 0.0 | 0.0 | -1.517e+04 | 2.471e+04 | 3296.47 | 0.0 | -2.637e+05 | -1.977e+06 |
| | | -1.977e+06 | -2.637e+05 | -3.39e-06 | 0.0 | 80.0 | -1.517e+04 | 2.471e+04 | 3296.47 | 0.0 | 0.0 | 0.0 |
| 448 | 445 | 0.0 | 1.859e+05 | -1.13e-05 | 0.0 | 0.0 | -1.304e+04 | 5.320e+04 | -2323.98 | 0.0 | 1.859e+05 | -4.256e+06 |
| | | -4.256e+06 | 0.0 | 2.39e-06 | 0.0 | 80.0 | -1.304e+04 | 5.320e+04 | -2323.98 | 0.0 | 0.0 | 0.0 |
| 448 | 448 | 0.0 | 1.013e+05 | -1.09e-05 | 0.0 | 0.0 | -1.277e+04 | 5.100e+04 | -1265.76 | 0.0 | 1.013e+05 | -4.080e+06 |
| | | -4.080e+06 | 0.0 | 1.30e-06 | 0.0 | 80.0 | -1.277e+04 | 5.100e+04 | -1265.76 | 0.0 | 0.0 | 0.0 |
| 448 | 451 | 0.0 | 8.115e+04 | -6.50e-06 | 0.0 | 0.0 | -1.673e+04 | 3.047e+04 | -1014.32 | 0.0 | 8.115e+04 | -2.438e+06 |
| | | -2.438e+06 | 0.0 | 1.04e-06 | 0.0 | 80.0 | -1.673e+04 | 3.047e+04 | -1014.32 | 0.0 | 0.0 | 0.0 |
| 448 | 453 | 0.0 | 1.761e+05 | -1.14e-05 | 0.0 | 0.0 | -1.301e+04 | 5.342e+04 | -2201.27 | 0.0 | 1.761e+05 | -4.274e+06 |
| | | -4.274e+06 | 0.0 | 2.26e-06 | 0.0 | 80.0 | -1.301e+04 | 5.342e+04 | -2201.27 | 0.0 | 0.0 | 0.0 |
| 448 | 465 | 0.0 | 2.667e+05 | -1.04e-05 | 0.0 | 0.0 | -1.453e+04 | 4.871e+04 | -3333.82 | 0.0 | 2.667e+05 | -3.896e+06 |
| | | -3.896e+06 | 0.0 | 3.43e-06 | 0.0 | 80.0 | -1.453e+04 | 4.871e+04 | -3333.82 | 0.0 | 0.0 | 0.0 |
| 448 | 466 | 0.0 | 0.0 | -6.99e-06 | 0.0 | 0.0 | -1.497e+04 | 3.277e+04 | 1053.74 | 0.0 | -8.430e+04 | -2.621e+06 |
| | | -2.621e+06 | -8.430e+04 | -1.08e-06 | 0.0 | 80.0 | -1.497e+04 | 3.277e+04 | 1053.74 | 0.0 | 0.0 | 0.0 |
| 449 | 3 | 6.624e+06 | 0.0 | 1.77e-05 | 0.0 | 0.0 | -3.996e+04 | -8.280e+04 | 907.51 | 0.0 | -7.260e+04 | 6.624e+06 |
| | | 0.0 | -7.260e+04 | 0.0 | 0.0 | 80.0 | -3.996e+04 | -8.280e+04 | 907.51 | 0.0 | 0.0 | 0.0 |
| 449 | 14 | 4.407e+06 | 2.755e+04 | 1.18e-05 | 0.0 | 0.0 | -2.811e+04 | -5.509e+04 | -344.44 | 0.0 | 2.755e+04 | 4.407e+06 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 | -2.811e+04 | -5.509e+04 | -344.44 | 0.0 | 0.0 | 0.0 |
| 449 | 226 | 4.791e+06 | 0.0 | 1.28e-05 | 0.0 | 0.0 | -1.491e+04 | -5.989e+04 | 1868.81 | 0.0 | -1.495e+05 | 4.791e+06 |
| | | 0.0 | -1.495e+05 | -1.92e-06 | 0.0 | 80.0 | -1.491e+04 | -5.989e+04 | 1868.81 | 0.0 | 0.0 | 0.0 |
| 449 | 231 | 7.109e+06 | 0.0 | 1.90e-05 | 0.0 | 0.0 | -2.234e+04 | -8.887e+04 | 3591.50 | 0.0 | -2.873e+05 | 7.109e+06 |
| | | 0.0 | -2.873e+05 | -3.69e-06 | 0.0 | 80.0 | -2.234e+04 | -8.887e+04 | 3591.50 | 0.0 | 0.0 | 0.0 |
| 449 | 261 | 4.862e+06 | 0.0 | 1.30e-05 | 0.0 | 0.0 | -2.950e+04 | -6.077e+04 | 638.05 | 0.0 | -5.104e+04 | 4.862e+06 |
| | | 0.0 | -5.104e+04 | 0.0 | 0.0 | 80.0 | -2.950e+04 | -6.077e+04 | 638.05 | 0.0 | 0.0 | 0.0 |
| 449 | 373 | 4.467e+06 | 0.0 | 1.19e-05 | 0.0 | 0.0 | -1.533e+04 | -5.584e+04 | 1648.53 | 0.0 | -1.319e+05 | 4.467e+06 |
| | | 0.0 | -1.319e+05 | -1.69e-06 | 0.0 | 80.0 | -1.533e+04 | -5.584e+04 | 1648.53 | 0.0 | 0.0 | 0.0 |
| 449 | 376 | 5.244e+06 | 0.0 | 1.40e-05 | 0.0 | 0.0 | -1.647e+04 | -6.555e+04 | 2713.88 | 0.0 | -2.171e+05 | 5.244e+06 |
| | | 0.0 | -2.171e+05 | -2.79e-06 | 0.0 | 80.0 | -1.647e+04 | -6.555e+04 | 2713.88 | 0.0 | 0.0 | 0.0 |
| 449 | 385 | 5.010e+06 | 0.0 | 1.34e-05 | 0.0 | 0.0 | -2.298e+04 | -6.262e+04 | 1789.34 | 0.0 | -1.431e+05 | 5.010e+06 |
| | | 0.0 | -1.431e+05 | -1.84e-06 | 0.0 | 80.0 | -2.298e+04 | -6.262e+04 | 1789.34 | 0.0 | 0.0 | 0.0 |
| 449 | 392 | 3.465e+06 | 0.0 | 9.24e-06 | 0.0 | 0.0 | -1.474e+04 | -4.331e+04 | 1130.57 | 0.0 | -9.045e+04 | 3.465e+06 |
| | | 0.0 | -9.045e+04 | -1.16e-06 | 0.0 | 80.0 | -1.474e+04 | -4.331e+04 | 1130.57 | 0.0 | 0.0 | 0.0 |
| 449 | 394 | 4.158e+06 | 0.0 | 1.11e-05 | 0.0 | 0.0 | -2.517e+04 | -5.198e+04 | 791.35 | 0.0 | -6.331e+04 | 4.158e+06 |
| | | 0.0 | -6.331e+04 | 0.0 | 0.0 | 80.0 | -2.517e+04 | -5.198e+04 | 791.35 | 0.0 | 0.0 | 0.0 |
| 449 | 405 | 4.428e+06 | 0.0 | 1.18e-05 | 0.0 | 0.0 | -1.538e+04 | -5.535e+04 | 2282.45 | 0.0 | -1.826e+05 | 4.428e+06 |
| | | 0.0 | -1.826e+05 | -2.35e-06 | 0.0 | 80.0 | -1.538e+04 | -5.535e+04 | 2282.45 | 0.0 | 0.0 | 0.0 |
| 449 | 406 | 4.289e+06 | 0.0 | 1.14e-05 | 0.0 | 0.0 | -2.035e+04 | -5.361e+04 | 1753.21 | 0.0 | -1.403e+05 | 4.289e+06 |
| | | 0.0 | -1.403e+05 | -1.80e-06 | 0.0 | 80.0 | -2.035e+04 | -5.361e+04 | 1753.21 | 0.0 | 0.0 | 0.0 |
| 449 | 407 | 3.298e+06 | 0.0 | 8.79e-06 | 0.0 | 0.0 | -1.475e+04 | -4.123e+04 | 1024.57 | 0.0 | -8.197e+04 | 3.298e+06 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|-----|------|------------|------------|----------|-----|------------|-----------|
| | | 0.0 | -8.197e+04 | -1.05e-06 | 0.0 | 80.0 | -1.475e+04 | -4.123e+04 | 1024.57 | 0.0 | 0.0 | 0.0 |
| 449 | 408 | 1.732e+06 | 0.0 | 4.62e-06 | 0.0 | 0.0 | -1.859e+04 | -2.165e+04 | 1298.93 | 0.0 | -1.039e+05 | 1.732e+06 |
| | | 0.0 | -1.039e+05 | -1.34e-06 | 0.0 | 80.0 | -1.859e+04 | -2.165e+04 | 1298.93 | 0.0 | 0.0 | 0.0 |
| 449 | 410 | 5.373e+06 | 0.0 | 1.43e-05 | 0.0 | 0.0 | -1.150e+04 | -6.716e+04 | 3068.34 | 0.0 | -2.455e+05 | 5.373e+06 |
| | | 0.0 | -2.455e+05 | -3.15e-06 | 0.0 | 80.0 | -1.150e+04 | -6.716e+04 | 3068.34 | 0.0 | 0.0 | 0.0 |
| 449 | 411 | 4.864e+06 | 0.0 | 1.30e-05 | 0.0 | 0.0 | -1.091e+04 | -6.080e+04 | 750.21 | 0.0 | -6.002e+04 | 4.864e+06 |
| | | 0.0 | -6.002e+04 | 0.0 | 0.0 | 80.0 | -1.091e+04 | -6.080e+04 | 750.21 | 0.0 | 0.0 | 0.0 |
| 449 | 412 | 1.660e+06 | 0.0 | 4.43e-06 | 0.0 | 0.0 | -1.852e+04 | -2.075e+04 | 790.00 | 0.0 | -6.320e+04 | 1.660e+06 |
| | | 0.0 | -6.320e+04 | 0.0 | 0.0 | 80.0 | -1.852e+04 | -2.075e+04 | 790.00 | 0.0 | 0.0 | 0.0 |
| 449 | 429 | 1.914e+06 | 2.533e+05 | 5.11e-06 | 0.0 | 0.0 | -1.482e+04 | -2.393e+04 | -3165.94 | 0.0 | 2.533e+05 | 1.914e+06 |
| | | 0.0 | 0.0 | 3.26e-06 | 0.0 | 80.0 | -1.482e+04 | -2.393e+04 | -3165.94 | 0.0 | 0.0 | 0.0 |
| 449 | 430 | 4.682e+06 | 0.0 | 1.25e-05 | 0.0 | 0.0 | -1.469e+04 | -5.852e+04 | 5215.09 | 0.0 | -4.172e+05 | 4.682e+06 |
| | | 0.0 | -4.172e+05 | -5.36e-06 | 0.0 | 80.0 | -1.469e+04 | -5.852e+04 | 5215.09 | 0.0 | 0.0 | 0.0 |
| 449 | 442 | 4.318e+06 | 0.0 | 1.15e-05 | 0.0 | 0.0 | -1.305e+04 | -5.398e+04 | 2206.40 | 0.0 | -1.765e+05 | 4.318e+06 |
| | | 0.0 | -1.765e+05 | -2.27e-06 | 0.0 | 80.0 | -1.305e+04 | -5.398e+04 | 2206.40 | 0.0 | 0.0 | 0.0 |
| 449 | 444 | 2.480e+06 | 0.0 | 6.61e-06 | 0.0 | 0.0 | -1.667e+04 | -3.100e+04 | 902.01 | 0.0 | -7.216e+04 | 2.480e+06 |
| | | 0.0 | -7.216e+04 | 0.0 | 0.0 | 80.0 | -1.667e+04 | -3.100e+04 | 902.01 | 0.0 | 0.0 | 0.0 |
| 449 | 447 | 4.116e+06 | 0.0 | 1.10e-05 | 0.0 | 0.0 | -1.284e+04 | -5.145e+04 | 1147.13 | 0.0 | -9.177e+04 | 4.116e+06 |
| | | 0.0 | -9.177e+04 | -1.18e-06 | 0.0 | 80.0 | -1.284e+04 | -5.145e+04 | 1147.13 | 0.0 | 0.0 | 0.0 |
| 449 | 461 | 2.658e+06 | 1.284e+05 | 7.09e-06 | 0.0 | 0.0 | -1.496e+04 | -3.323e+04 | -1604.79 | 0.0 | 1.284e+05 | 2.658e+06 |
| | | 0.0 | 0.0 | 1.65e-06 | 0.0 | 80.0 | -1.496e+04 | -3.323e+04 | -1604.79 | 0.0 | 0.0 | 0.0 |
| 449 | 462 | 3.938e+06 | 0.0 | 1.05e-05 | 0.0 | 0.0 | -1.455e+04 | -4.922e+04 | 3653.94 | 0.0 | -2.923e+05 | 3.938e+06 |
| | | 0.0 | -2.923e+05 | -3.76e-06 | 0.0 | 80.0 | -1.455e+04 | -4.922e+04 | 3653.94 | 0.0 | 0.0 | 0.0 |
| 450 | 1 | 7.669e+06 | 8.745e+04 | 2.05e-05 | 0.0 | 0.0 | -4.568e+04 | -9.586e+04 | -1093.07 | 0.0 | 8.745e+04 | 7.669e+06 |
| | | 0.0 | 0.0 | 1.12e-06 | 0.0 | 80.0 | -4.568e+04 | -9.586e+04 | -1093.07 | 0.0 | 0.0 | 0.0 |
| 450 | 14 | 5.194e+06 | 1.596e+05 | 1.38e-05 | 0.0 | 0.0 | -3.199e+04 | -6.492e+04 | -1994.66 | 0.0 | 1.596e+05 | 5.194e+06 |
| | | 0.0 | 0.0 | 2.05e-06 | 0.0 | 80.0 | -3.199e+04 | -6.492e+04 | -1994.66 | 0.0 | 0.0 | 0.0 |
| 450 | 28 | 4.037e+06 | 0.0 | 1.08e-05 | 0.0 | 0.0 | -1.567e+04 | -5.046e+04 | 735.05 | 0.0 | -5.880e+04 | 4.037e+06 |
| | | 0.0 | -5.880e+04 | 0.0 | 0.0 | 80.0 | -1.567e+04 | -5.046e+04 | 735.05 | 0.0 | 0.0 | 0.0 |
| 450 | 111 | 6.789e+06 | 0.0 | 1.81e-05 | 0.0 | 0.0 | -2.404e+04 | -8.486e+04 | 1679.66 | 0.0 | -1.344e+05 | 6.789e+06 |
| | | 0.0 | -1.344e+05 | -1.73e-06 | 0.0 | 80.0 | -2.404e+04 | -8.486e+04 | 1679.66 | 0.0 | 0.0 | 0.0 |
| 450 | 231 | 7.479e+06 | 0.0 | 1.99e-05 | 0.0 | 0.0 | -2.404e+04 | -9.349e+04 | 2913.98 | 0.0 | -2.331e+05 | 7.479e+06 |
| | | 0.0 | -2.331e+05 | -3.00e-06 | 0.0 | 80.0 | -2.404e+04 | -9.349e+04 | 2913.98 | 0.0 | 0.0 | 0.0 |
| 450 | 251 | 7.706e+06 | 0.0 | 2.05e-05 | 0.0 | 0.0 | -3.492e+04 | -9.632e+04 | 791.05 | 0.0 | -6.328e+04 | 7.706e+06 |
| | | 0.0 | -6.328e+04 | 0.0 | 0.0 | 80.0 | -3.492e+04 | -9.632e+04 | 791.05 | 0.0 | 0.0 | 0.0 |
| 450 | 261 | 5.663e+06 | 3.510e+04 | 1.51e-05 | 0.0 | 0.0 | -3.377e+04 | -7.078e+04 | -438.71 | 0.0 | 3.510e+04 | 5.663e+06 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 | -3.377e+04 | -7.078e+04 | -438.71 | 0.0 | 0.0 | 0.0 |
| 450 | 265 | 4.749e+06 | 5.381e+04 | 1.27e-05 | 0.0 | 0.0 | -2.726e+04 | -5.937e+04 | -672.67 | 0.0 | 5.381e+04 | 4.749e+06 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 | -2.726e+04 | -5.937e+04 | -672.67 | 0.0 | 0.0 | 0.0 |
| 450 | 274 | 3.885e+06 | 0.0 | 1.04e-05 | 0.0 | 0.0 | -1.517e+04 | -4.856e+04 | 1041.76 | 0.0 | -8.334e+04 | 3.885e+06 |
| | | 0.0 | -8.334e+04 | -1.07e-06 | 0.0 | 80.0 | -1.517e+04 | -4.856e+04 | 1041.76 | 0.0 | 0.0 | 0.0 |
| 450 | 316 | 5.004e+06 | 0.0 | 1.33e-05 | 0.0 | 0.0 | -1.780e+04 | -6.255e+04 | 1312.89 | 0.0 | -1.050e+05 | 5.004e+06 |
| | | 0.0 | -1.050e+05 | -1.35e-06 | 0.0 | 80.0 | -1.780e+04 | -6.255e+04 | 1312.89 | 0.0 | 0.0 | 0.0 |
| 450 | 376 | 5.515e+06 | 0.0 | 1.47e-05 | 0.0 | 0.0 | -1.781e+04 | -6.894e+04 | 2227.20 | 0.0 | -1.782e+05 | 5.515e+06 |
| | | 0.0 | -1.782e+05 | -2.29e-06 | 0.0 | 80.0 | -1.781e+04 | -6.894e+04 | 2227.20 | 0.0 | 0.0 | 0.0 |
| 450 | 386 | 5.683e+06 | 0.0 | 1.52e-05 | 0.0 | 0.0 | -2.587e+04 | -7.104e+04 | 654.66 | 0.0 | -5.237e+04 | 5.683e+06 |
| | | 0.0 | -5.237e+04 | 0.0 | 0.0 | 80.0 | -2.587e+04 | -7.104e+04 | 654.66 | 0.0 | 0.0 | 0.0 |
| 450 | 391 | 3.300e+06 | 0.0 | 8.80e-06 | 0.0 | 0.0 | -1.355e+04 | -4.125e+04 | 1401.80 | 0.0 | -1.121e+05 | 3.300e+06 |
| | | 0.0 | -1.121e+05 | -1.44e-06 | 0.0 | 80.0 | -1.355e+04 | -4.125e+04 | 1401.80 | 0.0 | 0.0 | 0.0 |
| 450 | 394 | 4.628e+06 | 0.0 | 1.23e-05 | 0.0 | 0.0 | -2.727e+04 | -5.785e+04 | 552.17 | 0.0 | -4.417e+04 | 4.628e+06 |
| | | 0.0 | -4.417e+04 | 0.0 | 0.0 | 80.0 | -2.727e+04 | -5.785e+04 | 552.17 | 0.0 | 0.0 | 0.0 |
| 450 | 399 | 4.126e+06 | 0.0 | 1.10e-05 | 0.0 | 0.0 | -1.528e+04 | -5.158e+04 | 1733.11 | 0.0 | -1.386e+05 | 4.126e+06 |
| | | 0.0 | -1.386e+05 | -1.78e-06 | 0.0 | 80.0 | -1.528e+04 | -5.158e+04 | 1733.11 | 0.0 | 0.0 | 0.0 |
| 450 | 404 | 4.448e+06 | 0.0 | 1.19e-05 | 0.0 | 0.0 | -1.529e+04 | -5.559e+04 | 2244.09 | 0.0 | -1.795e+05 | 4.448e+06 |
| | | 0.0 | -1.795e+05 | -2.31e-06 | 0.0 | 80.0 | -1.529e+04 | -5.559e+04 | 2244.09 | 0.0 | 0.0 | 0.0 |
| 450 | 405 | 4.510e+06 | 0.0 | 1.20e-05 | 0.0 | 0.0 | -1.529e+04 | -5.637e+04 | 2418.84 | 0.0 | -1.935e+05 | 4.510e+06 |
| | | 0.0 | -1.935e+05 | -2.49e-06 | 0.0 | 80.0 | -1.529e+04 | -5.637e+04 | 2418.84 | 0.0 | 0.0 | 0.0 |
| 450 | 406 | 4.636e+06 | 0.0 | 1.24e-05 | 0.0 | 0.0 | -2.133e+04 | -5.795e+04 | 1239.43 | 0.0 | -9.915e+04 | 4.636e+06 |
| | | 0.0 | -9.915e+04 | -1.27e-06 | 0.0 | 80.0 | -2.133e+04 | -5.795e+04 | 1239.43 | 0.0 | 0.0 | 0.0 |
| 450 | 407 | 3.300e+06 | 0.0 | 8.80e-06 | 0.0 | 0.0 | -1.355e+04 | -4.125e+04 | 1401.80 | 0.0 | -1.121e+05 | 3.300e+06 |
| | | 0.0 | -1.121e+05 | -1.44e-06 | 0.0 | 80.0 | -1.355e+04 | -4.125e+04 | 1401.80 | 0.0 | 0.0 | 0.0 |
| 450 | 412 | 1.576e+06 | 0.0 | 4.20e-06 | 0.0 | 0.0 | -1.024e+04 | -1.970e+04 | 1776.12 | 0.0 | -1.421e+05 | 1.576e+06 |
| | | 0.0 | -1.421e+05 | -1.83e-06 | 0.0 | 80.0 | -1.024e+04 | -1.970e+04 | 1776.12 | 0.0 | 0.0 | 0.0 |
| 450 | 414 | 5.174e+06 | 0.0 | 1.38e-05 | 0.0 | 0.0 | -1.655e+04 | -6.468e+04 | 3277.44 | 0.0 | -2.622e+05 | 5.174e+06 |
| | | 0.0 | -2.622e+05 | -3.37e-06 | 0.0 | 80.0 | -1.655e+04 | -6.468e+04 | 3277.44 | 0.0 | 0.0 | 0.0 |
| 450 | 415 | 5.024e+06 | 0.0 | 1.34e-05 | 0.0 | 0.0 | -1.685e+04 | -6.280e+04 | 1027.48 | 0.0 | -8.220e+04 | 5.024e+06 |
| | | 0.0 | -8.220e+04 | -1.06e-06 | 0.0 | 80.0 | -1.685e+04 | -6.280e+04 | 1027.48 | 0.0 | 0.0 | 0.0 |
| 450 | 429 | 2.530e+06 | 4.174e+05 | 6.75e-06 | 0.0 | 0.0 | -1.286e+04 | -3.163e+04 | -5217.67 | 0.0 | 4.174e+05 | 2.530e+06 |
| | | 0.0 | 0.0 | 5.36e-06 | 0.0 | 80.0 | -1.286e+04 | -3.163e+04 | -5217.67 | 0.0 | 0.0 | 0.0 |
| 450 | 430 | 4.069e+06 | 0.0 | 1.09e-05 | 0.0 | 0.0 | -1.424e+04 | -5.086e+04 | 8021.26 | 0.0 | -6.417e+05 | 4.069e+06 |
| | | 0.0 | -6.417e+05 | -8.25e-06 | 0.0 | 80.0 | -1.424e+04 | -5.086e+04 | 8021.26 | 0.0 | 0.0 | 0.0 |
| 450 | 440 | 2.454e+06 | 0.0 | 6.54e-06 | 0.0 | 0.0 | -1.185e+04 | -3.067e+04 | 2036.08 | 0.0 | -1.629e+05 | 2.454e+06 |
| | | 0.0 | -1.629e+05 | -2.09e-06 | 0.0 | 80.0 | -1.185e+04 | -3.067e+04 | 2036.08 | 0.0 | 0.0 | 0.0 |
| 450 | 442 | 4.250e+06 | 0.0 | 1.13e-05 | 0.0 | 0.0 | -1.506e+04 | -5.313e+04 | 2787.31 | 0.0 | -2.230e+05 | 4.250e+06 |
| | | 0.0 | -2.230e+05 | -2.87e-06 | 0.0 | 80.0 | -1.506e+04 | -5.313e+04 | 2787.31 | 0.0 | 0.0 | 0.0 |
| 450 | 443 | 4.146e+06 | 0.0 | 1.11e-05 | 0.0 | 0.0 | -1.525e+04 | -5.182e+04 | 767.52 | 0.0 | -6.140e+04 | 4.146e+06 |
| | | 0.0 | -6.140e+04 | 0.0 | 0.0 | 80.0 | -1.525e+04 | -5.182e+04 | 767.52 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|-----|------|------------|------------|----------|-----|------------|-----------|
| 450 | 461 | 2.859e+06 | 1.708e+05 | 7.62e-06 | 0.0 | 0.0 | -1.338e+04 | -3.574e+04 | -2135.38 | 0.0 | 1.708e+05 | 2.859e+06 |
| | | 0.0 | 0.0 | 2.20e-06 | 0.0 | 80.0 | -1.338e+04 | -3.574e+04 | -2135.38 | 0.0 | 0.0 | 0.0 |
| 450 | 462 | 3.741e+06 | 0.0 | 9.97e-06 | 0.0 | 0.0 | -1.371e+04 | -4.676e+04 | 4938.98 | 0.0 | -3.951e+05 | 3.741e+06 |
| | | 0.0 | -3.951e+05 | -5.08e-06 | 0.0 | 80.0 | -1.371e+04 | -4.676e+04 | 4938.98 | 0.0 | 0.0 | 0.0 |
| 451 | 1 | 9.093e+06 | 5.143e+05 | 2.42e-05 | 0.0 | 0.0 | -4.992e+04 | -1.137e+05 | -6428.82 | 0.0 | 5.143e+05 | 9.093e+06 |
| | | 0.0 | 0.0 | 6.61e-06 | 0.0 | 80.0 | -4.992e+04 | -1.137e+05 | -6428.82 | 0.0 | 0.0 | 0.0 |
| 451 | 3 | 9.070e+06 | 4.625e+05 | 2.42e-05 | 0.0 | 0.0 | -4.999e+04 | -1.134e+05 | -5781.80 | 0.0 | 4.625e+05 | 9.070e+06 |
| | | 0.0 | 0.0 | 5.94e-06 | 0.0 | 80.0 | -4.999e+04 | -1.134e+05 | -5781.80 | 0.0 | 0.0 | 0.0 |
| 451 | 26 | 4.338e+06 | 3.179e+05 | 1.16e-05 | 0.0 | 0.0 | -1.673e+04 | -5.422e+04 | -3973.50 | 0.0 | 3.179e+05 | 4.338e+06 |
| | | 0.0 | 0.0 | 4.09e-06 | 0.0 | 80.0 | -1.673e+04 | -5.422e+04 | -3973.50 | 0.0 | 0.0 | 0.0 |
| 451 | 134 | 4.427e+06 | 3.398e+05 | 1.18e-05 | 0.0 | 0.0 | -1.679e+04 | -5.534e+04 | -4247.08 | 0.0 | 3.398e+05 | 4.427e+06 |
| | | 0.0 | 0.0 | 4.37e-06 | 0.0 | 80.0 | -1.679e+04 | -5.534e+04 | -4247.08 | 0.0 | 0.0 | 0.0 |
| 451 | 261 | 6.694e+06 | 3.539e+05 | 1.79e-05 | 0.0 | 0.0 | -3.696e+04 | -8.368e+04 | -4424.33 | 0.0 | 3.539e+05 | 6.694e+06 |
| | | 0.0 | 0.0 | 4.55e-06 | 0.0 | 80.0 | -3.696e+04 | -8.368e+04 | -4424.33 | 0.0 | 0.0 | 0.0 |
| 451 | 273 | 4.101e+06 | 2.569e+05 | 1.09e-05 | 0.0 | 0.0 | -1.595e+04 | -5.126e+04 | -3211.17 | 0.0 | 2.569e+05 | 4.101e+06 |
| | | 0.0 | 0.0 | 3.30e-06 | 0.0 | 80.0 | -1.595e+04 | -5.126e+04 | -3211.17 | 0.0 | 0.0 | 0.0 |
| 451 | 327 | 4.167e+06 | 2.721e+05 | 1.11e-05 | 0.0 | 0.0 | -1.600e+04 | -5.208e+04 | -3401.00 | 0.0 | 2.721e+05 | 4.167e+06 |
| | | 0.0 | 0.0 | 3.50e-06 | 0.0 | 80.0 | -1.600e+04 | -5.208e+04 | -3401.00 | 0.0 | 0.0 | 0.0 |
| 451 | 385 | 6.543e+06 | 3.315e+05 | 1.74e-05 | 0.0 | 0.0 | -2.801e+04 | -8.178e+04 | -4143.54 | 0.0 | 3.315e+05 | 6.543e+06 |
| | | 0.0 | 0.0 | 4.26e-06 | 0.0 | 80.0 | -2.801e+04 | -8.178e+04 | -4143.54 | 0.0 | 0.0 | 0.0 |
| 451 | 393 | 3.328e+06 | 1.912e+05 | 8.87e-06 | 0.0 | 0.0 | -1.354e+04 | -4.160e+04 | -2390.48 | 0.0 | 1.912e+05 | 3.328e+06 |
| | | 0.0 | 0.0 | 2.46e-06 | 0.0 | 80.0 | -1.354e+04 | -4.160e+04 | -2390.48 | 0.0 | 0.0 | 0.0 |
| 451 | 394 | 5.219e+06 | 2.039e+05 | 1.39e-05 | 0.0 | 0.0 | -2.897e+04 | -6.523e+04 | -2548.38 | 0.0 | 2.039e+05 | 5.219e+06 |
| | | 0.0 | 0.0 | 2.62e-06 | 0.0 | 80.0 | -2.897e+04 | -6.523e+04 | -2548.38 | 0.0 | 0.0 | 0.0 |
| 451 | 407 | 3.300e+06 | 1.121e+05 | 8.80e-06 | 0.0 | 0.0 | -1.355e+04 | -4.125e+04 | -1401.86 | 0.0 | 1.121e+05 | 3.300e+06 |
| | | 0.0 | 0.0 | 1.44e-06 | 0.0 | 80.0 | -1.355e+04 | -4.125e+04 | -1401.86 | 0.0 | 0.0 | 0.0 |
| 451 | 421 | 1.592e+06 | 1.409e+05 | 4.24e-06 | 0.0 | 0.0 | -1.026e+04 | -1.990e+04 | -1761.46 | 0.0 | 1.409e+05 | 1.592e+06 |
| | | 0.0 | 0.0 | 1.81e-06 | 0.0 | 80.0 | -1.026e+04 | -1.990e+04 | -1761.46 | 0.0 | 0.0 | 0.0 |
| 451 | 422 | 5.008e+06 | 8.338e+04 | 1.34e-05 | 0.0 | 0.0 | -1.684e+04 | -6.259e+04 | -1042.26 | 0.0 | 8.338e+04 | 5.008e+06 |
| | | 0.0 | 0.0 | 1.07e-06 | 0.0 | 80.0 | -1.684e+04 | -6.259e+04 | -1042.26 | 0.0 | 0.0 | 0.0 |
| 451 | 423 | 5.189e+06 | 2.613e+05 | 1.38e-05 | 0.0 | 0.0 | -1.656e+04 | -6.486e+04 | -3266.80 | 0.0 | 2.613e+05 | 5.189e+06 |
| | | 0.0 | 0.0 | 3.36e-06 | 0.0 | 80.0 | -1.656e+04 | -6.486e+04 | -3266.80 | 0.0 | 0.0 | 0.0 |
| 451 | 424 | 2.596e+06 | 0.0 | 6.92e-06 | 0.0 | 0.0 | -1.298e+04 | -3.245e+04 | 5204.84 | 0.0 | -4.164e+05 | 2.596e+06 |
| | | 0.0 | -4.164e+05 | -5.35e-06 | 0.0 | 80.0 | -1.298e+04 | -3.245e+04 | 5204.84 | 0.0 | 0.0 | 0.0 |
| 451 | 427 | 4.004e+06 | 6.407e+05 | 1.07e-05 | 0.0 | 0.0 | -1.411e+04 | -5.005e+04 | -8008.56 | 0.0 | 6.407e+05 | 4.004e+06 |
| | | 0.0 | 0.0 | 8.23e-06 | 0.0 | 80.0 | -1.411e+04 | -5.005e+04 | -8008.56 | 0.0 | 0.0 | 0.0 |
| 451 | 433 | 3.068e+06 | 3.814e+05 | 8.18e-06 | 0.0 | 0.0 | -1.214e+04 | -3.834e+04 | -4766.99 | 0.0 | 3.814e+05 | 3.068e+06 |
| | | 0.0 | 0.0 | 4.90e-06 | 0.0 | 80.0 | -1.214e+04 | -3.834e+04 | -4766.99 | 0.0 | 0.0 | 0.0 |
| 451 | 449 | 2.456e+06 | 1.635e+05 | 6.55e-06 | 0.0 | 0.0 | -1.184e+04 | -3.070e+04 | -2044.01 | 0.0 | 1.635e+05 | 2.456e+06 |
| | | 0.0 | 0.0 | 2.10e-06 | 0.0 | 80.0 | -1.184e+04 | -3.070e+04 | -2044.01 | 0.0 | 0.0 | 0.0 |
| 451 | 450 | 4.143e+06 | 6.078e+04 | 1.10e-05 | 0.0 | 0.0 | -1.525e+04 | -5.179e+04 | -759.71 | 0.0 | 6.078e+04 | 4.143e+06 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 | -1.525e+04 | -5.179e+04 | -759.71 | 0.0 | 0.0 | 0.0 |
| 451 | 451 | 4.252e+06 | 2.238e+05 | 1.13e-05 | 0.0 | 0.0 | -1.505e+04 | -5.315e+04 | -2797.24 | 0.0 | 2.238e+05 | 4.252e+06 |
| | | 0.0 | 0.0 | 2.88e-06 | 0.0 | 80.0 | -1.505e+04 | -5.315e+04 | -2797.24 | 0.0 | 0.0 | 0.0 |
| 451 | 456 | 2.851e+06 | 0.0 | 7.60e-06 | 0.0 | 0.0 | -1.341e+04 | -3.564e+04 | 2165.24 | 0.0 | -1.732e+05 | 2.851e+06 |
| | | 0.0 | -1.732e+05 | -2.23e-06 | 0.0 | 80.0 | -1.341e+04 | -3.564e+04 | 2165.24 | 0.0 | 0.0 | 0.0 |
| 451 | 459 | 3.748e+06 | 3.975e+05 | 1.00e-05 | 0.0 | 0.0 | -1.368e+04 | -4.685e+04 | -4968.96 | 0.0 | 3.975e+05 | 3.748e+06 |
| | | 0.0 | 0.0 | 5.11e-06 | 0.0 | 80.0 | -1.368e+04 | -4.685e+04 | -4968.96 | 0.0 | 0.0 | 0.0 |
| 451 | 465 | 3.182e+06 | 2.447e+05 | 8.48e-06 | 0.0 | 0.0 | -1.284e+04 | -3.977e+04 | -3058.52 | 0.0 | 2.447e+05 | 3.182e+06 |
| | | 0.0 | 0.0 | 3.14e-06 | 0.0 | 80.0 | -1.284e+04 | -3.977e+04 | -3058.52 | 0.0 | 0.0 | 0.0 |
| 452 | 1 | 9.900e+06 | 1.551e+05 | 2.64e-05 | 0.0 | 0.0 | -5.806e+04 | -1.237e+05 | -1938.35 | 0.0 | 1.551e+05 | 9.900e+06 |
| | | 0.0 | 0.0 | 1.99e-06 | 0.0 | 80.0 | -5.806e+04 | -1.237e+05 | -1938.35 | 0.0 | 0.0 | 0.0 |
| 452 | 161 | 7.372e+06 | 2.929e+05 | 1.97e-05 | 0.0 | 0.0 | -2.777e+04 | -9.216e+04 | -3661.62 | 0.0 | 2.929e+05 | 7.372e+06 |
| | | 0.0 | 0.0 | 3.76e-06 | 0.0 | 80.0 | -2.777e+04 | -9.216e+04 | -3661.62 | 0.0 | 0.0 | 0.0 |
| 452 | 169 | 8.102e+06 | 3.053e+05 | 2.16e-05 | 0.0 | 0.0 | -3.038e+04 | -1.013e+05 | -3816.81 | 0.0 | 3.053e+05 | 8.102e+06 |
| | | 0.0 | 0.0 | 3.92e-06 | 0.0 | 80.0 | -3.038e+04 | -1.013e+05 | -3816.81 | 0.0 | 0.0 | 0.0 |
| 452 | 201 | 7.558e+06 | 2.892e+05 | 2.02e-05 | 0.0 | 0.0 | -2.774e+04 | -9.448e+04 | -3615.42 | 0.0 | 2.892e+05 | 7.558e+06 |
| | | 0.0 | 0.0 | 3.72e-06 | 0.0 | 80.0 | -2.774e+04 | -9.448e+04 | -3615.42 | 0.0 | 0.0 | 0.0 |
| 452 | 228 | 5.454e+06 | 2.165e+05 | 1.45e-05 | 0.0 | 0.0 | -1.810e+04 | -6.817e+04 | -2706.52 | 0.0 | 2.165e+05 | 5.454e+06 |
| | | 0.0 | 0.0 | 2.78e-06 | 0.0 | 80.0 | -1.810e+04 | -6.817e+04 | -2706.52 | 0.0 | 0.0 | 0.0 |
| 452 | 261 | 7.267e+06 | 1.011e+05 | 1.94e-05 | 0.0 | 0.0 | -4.290e+04 | -9.084e+04 | -1263.83 | 0.0 | 1.011e+05 | 7.267e+06 |
| | | 0.0 | 0.0 | 1.30e-06 | 0.0 | 80.0 | -4.290e+04 | -9.084e+04 | -1263.83 | 0.0 | 0.0 | 0.0 |
| 452 | 341 | 5.359e+06 | 2.090e+05 | 1.43e-05 | 0.0 | 0.0 | -2.023e+04 | -6.699e+04 | -2611.92 | 0.0 | 2.090e+05 | 5.359e+06 |
| | | 0.0 | 0.0 | 2.69e-06 | 0.0 | 80.0 | -2.023e+04 | -6.699e+04 | -2611.92 | 0.0 | 0.0 | 0.0 |
| 452 | 345 | 5.959e+06 | 2.194e+05 | 1.59e-05 | 0.0 | 0.0 | -2.243e+04 | -7.449e+04 | -2742.97 | 0.0 | 2.194e+05 | 5.959e+06 |
| | | 0.0 | 0.0 | 2.82e-06 | 0.0 | 80.0 | -2.243e+04 | -7.449e+04 | -2742.97 | 0.0 | 0.0 | 0.0 |
| 452 | 361 | 5.497e+06 | 2.062e+05 | 1.47e-05 | 0.0 | 0.0 | -2.021e+04 | -6.871e+04 | -2577.62 | 0.0 | 2.062e+05 | 5.497e+06 |
| | | 0.0 | 0.0 | 2.65e-06 | 0.0 | 80.0 | -2.021e+04 | -6.871e+04 | -2577.62 | 0.0 | 0.0 | 0.0 |
| 452 | 374 | 4.937e+06 | 1.704e+05 | 1.32e-05 | 0.0 | 0.0 | -1.770e+04 | -6.171e+04 | -2130.11 | 0.0 | 1.704e+05 | 4.937e+06 |
| | | 0.0 | 0.0 | 2.19e-06 | 0.0 | 80.0 | -1.770e+04 | -6.171e+04 | -2130.11 | 0.0 | 0.0 | 0.0 |
| 452 | 392 | 3.465e+06 | 9.045e+04 | 9.24e-06 | 0.0 | 0.0 | -1.474e+04 | -4.331e+04 | -1130.60 | 0.0 | 9.045e+04 | 3.465e+06 |
| | | 0.0 | 0.0 | 1.16e-06 | 0.0 | 80.0 | -1.474e+04 | -4.331e+04 | -1130.60 | 0.0 | 0.0 | 0.0 |
| 452 | 394 | 5.526e+06 | 4.647e+04 | 1.47e-05 | 0.0 | 0.0 | -3.314e+04 | -6.908e+04 | -580.92 | 0.0 | 4.647e+04 | 5.526e+06 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 | -3.314e+04 | -6.908e+04 | -580.92 | 0.0 | 0.0 | 0.0 |
| 452 | 402 | 4.528e+06 | 1.300e+05 | 1.21e-05 | 0.0 | 0.0 | -1.777e+04 | -5.660e+04 | -1624.51 | 0.0 | 1.300e+05 | 4.528e+06 |
| | | 0.0 | 0.0 | 1.67e-06 | 0.0 | 80.0 | -1.777e+04 | -5.660e+04 | -1624.51 | 0.0 | 0.0 | 0.0 |
| 452 | 404 | 4.666e+06 | 1.272e+05 | 1.24e-05 | 0.0 | 0.0 | -1.775e+04 | -5.832e+04 | -1590.20 | 0.0 | 1.272e+05 | 4.666e+06 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|-----|------|------------|------------|----------|-----|------------|-----------|
| | | 0.0 | 0.0 | 1.63e-06 | 0.0 | 80.0 | -1.775e+04 | -5.832e+04 | -1590.20 | 0.0 | 0.0 | 0.0 |
| 452 | 407 | 3.298e+06 | 8.197e+04 | 8.79e-06 | 0.0 | 0.0 | -1.475e+04 | -4.123e+04 | -1024.60 | 0.0 | 8.197e+04 | 3.298e+06 |
| | | 0.0 | 0.0 | 1.05e-06 | 0.0 | 80.0 | -1.475e+04 | -4.123e+04 | -1024.60 | 0.0 | 0.0 | 0.0 |
| 452 | 417 | 1.707e+06 | 1.041e+05 | 4.55e-06 | 0.0 | 0.0 | -1.863e+04 | -2.134e+04 | -1301.79 | 0.0 | 1.041e+05 | 1.707e+06 |
| | | 0.0 | 0.0 | 1.34e-06 | 0.0 | 80.0 | -1.863e+04 | -2.134e+04 | -1301.79 | 0.0 | 0.0 | 0.0 |
| 452 | 418 | 4.889e+06 | 5.979e+04 | 1.30e-05 | 0.0 | 0.0 | -1.087e+04 | -6.111e+04 | -747.40 | 0.0 | 5.979e+04 | 4.889e+06 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 | -1.087e+04 | -6.111e+04 | -747.40 | 0.0 | 0.0 | 0.0 |
| 452 | 419 | 5.347e+06 | 2.459e+05 | 1.43e-05 | 0.0 | 0.0 | -1.154e+04 | -6.684e+04 | -3073.38 | 0.0 | 2.459e+05 | 5.347e+06 |
| | | 0.0 | 0.0 | 3.16e-06 | 0.0 | 80.0 | -1.154e+04 | -6.684e+04 | -3073.38 | 0.0 | 0.0 | 0.0 |
| 452 | 420 | 1.263e+06 | 0.0 | 3.37e-06 | 0.0 | 0.0 | -1.813e+04 | -1.579e+04 | 496.03 | 0.0 | -3.968e+04 | 1.263e+06 |
| | | 0.0 | -3.968e+04 | 0.0 | 0.0 | 80.0 | -1.813e+04 | -1.579e+04 | 496.03 | 0.0 | 0.0 | 0.0 |
| 452 | 424 | 1.999e+06 | 0.0 | 5.33e-06 | 0.0 | 0.0 | -1.470e+04 | -2.498e+04 | 3179.59 | 0.0 | -2.544e+05 | 1.999e+06 |
| | | 0.0 | -2.544e+05 | -3.27e-06 | 0.0 | 80.0 | -1.470e+04 | -2.498e+04 | 3179.59 | 0.0 | 0.0 | 0.0 |
| 452 | 427 | 4.597e+06 | 4.183e+05 | 1.23e-05 | 0.0 | 0.0 | -1.481e+04 | -5.747e+04 | -5228.78 | 0.0 | 4.183e+05 | 4.597e+06 |
| | | 0.0 | 0.0 | 5.38e-06 | 0.0 | 80.0 | -1.481e+04 | -5.747e+04 | -5228.78 | 0.0 | 0.0 | 0.0 |
| 452 | 448 | 2.268e+06 | 0.0 | 6.05e-06 | 0.0 | 0.0 | -1.637e+04 | -2.834e+04 | 157.46 | 0.0 | -1.260e+04 | 2.268e+06 |
| | | 0.0 | -1.260e+04 | 0.0 | 0.0 | 80.0 | -1.637e+04 | -2.834e+04 | 157.46 | 0.0 | 0.0 | 0.0 |
| 452 | 449 | 2.512e+06 | 1.057e+05 | 6.70e-06 | 0.0 | 0.0 | -1.675e+04 | -3.140e+04 | -1321.47 | 0.0 | 1.057e+05 | 2.512e+06 |
| | | 0.0 | 0.0 | 1.36e-06 | 0.0 | 80.0 | -1.675e+04 | -3.140e+04 | -1321.47 | 0.0 | 0.0 | 0.0 |
| 452 | 450 | 4.084e+06 | 5.822e+04 | 1.09e-05 | 0.0 | 0.0 | -1.276e+04 | -5.105e+04 | -727.73 | 0.0 | 5.822e+04 | 4.084e+06 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 | -1.276e+04 | -5.105e+04 | -727.73 | 0.0 | 0.0 | 0.0 |
| 452 | 451 | 4.329e+06 | 1.765e+05 | 1.15e-05 | 0.0 | 0.0 | -1.313e+04 | -5.411e+04 | -2206.65 | 0.0 | 1.765e+05 | 4.329e+06 |
| | | 0.0 | 0.0 | 2.27e-06 | 0.0 | 80.0 | -1.313e+04 | -5.411e+04 | -2206.65 | 0.0 | 0.0 | 0.0 |
| 452 | 456 | 2.624e+06 | 0.0 | 7.00e-06 | 0.0 | 0.0 | -1.466e+04 | -3.280e+04 | 1603.97 | 0.0 | -1.283e+05 | 2.624e+06 |
| | | 0.0 | -1.283e+05 | -1.65e-06 | 0.0 | 80.0 | -1.466e+04 | -3.280e+04 | 1603.97 | 0.0 | 0.0 | 0.0 |
| 452 | 459 | 3.972e+06 | 2.923e+05 | 1.06e-05 | 0.0 | 0.0 | -1.485e+04 | -4.966e+04 | -3653.17 | 0.0 | 2.923e+05 | 3.972e+06 |
| | | 0.0 | 0.0 | 3.76e-06 | 0.0 | 80.0 | -1.485e+04 | -4.966e+04 | -3653.17 | 0.0 | 0.0 | 0.0 |

| Pilas. | M3 mx/mn | M2 mx/mn | D 2 / D 3 | Q 2 / Q 3 | N | V 2 | V 3 | T |
|--------|------------|------------|-----------|-----------|------------|------------|------------|------------|
| | -1.573e+07 | -3.251e+07 | -0.03 | 0.0 | -4.462e+05 | -1.237e+05 | -6.823e+04 | -1.690e+06 |
| | 1.826e+07 | 3.250e+07 | 0.04 | 0.0 | -9968.67 | 1.184e+05 | 6.825e+04 | 1.690e+06 |

| Trave | Cmb | M3 mx/mn | M2 mx/mn | D 2 / D 3 | Q 2 / Q 3 | Pos. | N | V 2 | V 3 | T | M 2 | M 3 |
|-------|-----|-----------|------------|-----------|-----------|------|-----------|------------|---------|------------|------------|-----------|
| | | daN cm | daN cm | cm | daN | cm | daN | daN | daN | daN cm | daN cm | daN cm |
| 5 | 48 | 1.274e+06 | 2.907e+04 | 0.04 | -906.45 | 0.0 | 6.769e+04 | -5805.41 | -371.28 | 1.354e+04 | 2.907e+04 | 1.274e+06 |
| | | 8.742e+05 | -5121.63 | 2.89e-04 | 0.0 | 92.1 | 6.769e+04 | -6711.85 | -371.28 | 1.354e+04 | -5121.63 | 8.742e+05 |
| 5 | 109 | 5.458e+06 | 3.423e+04 | 0.19 | -1223.70 | 0.0 | 1.979e+05 | -2.623e+04 | -586.66 | 2.071e+05 | 3.423e+04 | 5.458e+06 |
| | | 3.739e+06 | -1.341e+04 | 1.44e-04 | 138.40 | 92.1 | 1.979e+05 | -2.746e+04 | -448.26 | 2.071e+05 | -1.341e+04 | 3.739e+06 |
| 5 | 160 | 1.387e+06 | 2.620e+04 | 0.05 | -906.45 | 0.0 | 6.334e+04 | -5863.52 | -335.25 | 1.758e+04 | 2.620e+04 | 1.387e+06 |
| | | 9.812e+05 | -4675.36 | 1.26e-04 | 0.0 | 92.1 | 6.334e+04 | -6769.97 | -335.25 | 1.758e+04 | -4675.36 | 9.812e+05 |
| 5 | 161 | 2.024e+06 | 6.395e+04 | 0.07 | -1223.70 | 0.0 | 1.007e+05 | -8831.89 | -848.35 | 1.216e+04 | 6.395e+04 | 2.024e+06 |
| | | 1.416e+06 | -7800.23 | 3.79e-04 | 138.40 | 92.1 | 1.007e+05 | -1.006e+04 | -709.95 | 1.216e+04 | -7800.23 | 1.416e+06 |
| 5 | 284 | 1.345e+06 | 3.559e+04 | 0.04 | -906.45 | 0.0 | 6.477e+04 | -5559.62 | -444.08 | 1.063e+04 | 3.559e+04 | 1.345e+06 |
| | | 8.785e+05 | -5304.93 | 3.45e-04 | 0.0 | 92.1 | 6.477e+04 | -6466.06 | -444.08 | 1.063e+04 | -5304.93 | 8.785e+05 |
| 5 | 315 | 4.038e+06 | 2.458e+04 | 0.14 | -906.45 | 0.0 | 1.465e+05 | -1.942e+04 | -417.27 | 1.531e+05 | 2.458e+04 | 4.038e+06 |
| | | 2.765e+06 | -9593.26 | 1.18e-04 | 92.27 | 92.1 | 1.465e+05 | -2.033e+04 | -325.00 | 1.531e+05 | -9593.26 | 2.765e+06 |
| 5 | 340 | 1.147e+06 | 3.351e+04 | 0.04 | -906.45 | 0.0 | 6.153e+04 | -5602.00 | -417.77 | 1.358e+04 | 3.351e+04 | 1.147e+06 |
| | | 9.576e+05 | -4961.01 | 2.26e-04 | 0.0 | 92.1 | 6.153e+04 | -6508.45 | -417.77 | 1.358e+04 | -4961.01 | 9.576e+05 |
| 5 | 341 | 1.473e+06 | 4.586e+04 | 0.05 | -906.45 | 0.0 | 7.352e+04 | -6437.70 | -602.63 | 8963.17 | 4.586e+04 | 1.473e+06 |
| | | 1.030e+06 | -5384.01 | 2.86e-04 | 92.27 | 92.1 | 7.352e+04 | -7344.15 | -510.36 | 8963.17 | -5384.01 | 1.030e+06 |
| 5 | 391 | 1.147e+06 | 3.777e+04 | 0.04 | -906.45 | 0.0 | 5.200e+04 | -4588.78 | -442.77 | -2225.79 | 3.777e+04 | 1.147e+06 |
| | | 8.263e+05 | -2997.11 | 3.54e-04 | 0.0 | 92.1 | 5.200e+04 | -5495.23 | -442.77 | -2225.79 | -2997.11 | 8.263e+05 |
| 5 | 392 | 1.154e+06 | 3.762e+04 | 0.04 | -906.45 | 0.0 | 5.182e+04 | -4589.68 | -440.87 | -2074.67 | 3.762e+04 | 1.154e+06 |
| | | 8.334e+05 | -2975.65 | 3.54e-04 | 0.0 | 92.1 | 5.182e+04 | -5496.13 | -440.87 | -2074.67 | -2975.65 | 8.334e+05 |
| 5 | 399 | 3.108e+06 | 3.131e+04 | 0.11 | -906.45 | 0.0 | 1.142e+05 | -1.485e+04 | -398.19 | 9.837e+04 | 3.131e+04 | 3.108e+06 |
| | | 2.130e+06 | -5356.52 | 3.23e-04 | 0.0 | 92.1 | 1.142e+05 | -1.575e+04 | -398.19 | 9.837e+04 | -5356.52 | 2.130e+06 |
| 5 | 407 | 1.147e+06 | 3.777e+04 | 0.04 | -906.45 | 0.0 | 5.200e+04 | -4588.78 | -442.77 | -2225.79 | 3.777e+04 | 1.147e+06 |
| | | 8.263e+05 | -2997.11 | 3.54e-04 | 0.0 | 92.1 | 5.200e+04 | -5495.23 | -442.77 | -2225.79 | -2997.11 | 8.263e+05 |
| 5 | 420 | 9.375e+05 | 4.664e+04 | 0.03 | -906.45 | 0.0 | 6.200e+04 | -3938.22 | -528.90 | -6411.68 | 4.664e+04 | 9.375e+05 |
| | | 6.761e+05 | -1904.20 | 7.71e-04 | 0.0 | 92.1 | 6.200e+04 | -4844.66 | -528.90 | -6411.68 | -1904.20 | 6.761e+05 |
| 5 | 423 | 1.356e+06 | 2.891e+04 | 0.04 | -906.45 | 0.0 | 4.199e+04 | -5239.35 | -356.64 | 1960.10 | 2.891e+04 | 1.356e+06 |
| | | 9.765e+05 | -4090.03 | -9.72e-05 | 0.0 | 92.1 | 4.199e+04 | -6145.79 | -356.64 | 1960.10 | -4090.03 | 9.765e+05 |
| 5 | 432 | 1.056e+06 | 5.447e+04 | 0.04 | -906.45 | 0.0 | 5.903e+04 | -4546.15 | -555.04 | -1.070e+04 | 5.447e+04 | 1.056e+06 |
| | | 7.585e+05 | 3900.50 | 1.98e-03 | 0.0 | 92.1 | 5.903e+04 | -5452.60 | -555.04 | -1.070e+04 | 3900.50 | 7.585e+05 |
| 5 | 433 | 1.119e+06 | 2.366e+04 | 0.04 | -906.45 | 0.0 | 5.003e+04 | -4218.79 | -365.91 | 5218.37 | 2.366e+04 | 1.119e+06 |
| | | 8.088e+05 | -1.060e+04 | -1.29e-03 | 0.0 | 92.1 | 5.003e+04 | -5125.23 | -365.91 | 5218.37 | -1.060e+04 | 8.088e+05 |
| 5 | 448 | 1.039e+06 | 4.123e+04 | 0.03 | -906.45 | 0.0 | 5.667e+04 | -4261.38 | -478.96 | -4148.81 | 4.123e+04 | 1.039e+06 |
| | | 7.462e+05 | -2608.48 | 4.40e-04 | 0.0 | 92.1 | 5.667e+04 | -5167.82 | -478.96 | -4148.81 | -2608.48 | 7.462e+05 |
| 5 | 451 | 1.254e+06 | 3.431e+04 | 0.04 | -906.45 | 0.0 | 4.732e+04 | -4916.19 | -406.58 | -302.77 | 3.431e+04 | 1.254e+06 |
| | | 9.064e+05 | -3385.75 | 2.67e-04 | 0.0 | 92.1 | 4.732e+04 | -5822.63 | -406.58 | -302.77 | -3385.75 | 9.064e+05 |
| 5 | 452 | 1.040e+06 | 4.220e+04 | 0.03 | -906.45 | 0.0 | 5.702e+04 | -4259.18 | -485.90 | -4328.78 | 4.220e+04 | 1.040e+06 |
| | | 7.495e+05 | -2461.90 | 5.60e-04 | 0.0 | 92.1 | 5.702e+04 | -5165.63 | -485.90 | -4328.78 | -2461.90 | 7.495e+05 |
| 5 | 455 | 1.254e+06 | 3.334e+04 | 0.04 | -906.45 | 0.0 | 4.697e+04 | -4918.38 | -399.63 | -122.80 | 3.334e+04 | 1.254e+06 |
| | | 9.031e+05 | -3532.32 | 1.47e-04 | 0.0 | 92.1 | 4.697e+04 | -5824.83 | -399.63 | -122.80 | -3532.32 | 9.031e+05 |
| 5 | 464 | 1.101e+06 | 4.607e+04 | 0.04 | -906.45 | 0.0 | 5.550e+04 | -4565.54 | -498.61 | -6459.04 | 4.607e+04 | 1.101e+06 |
| | | 7.920e+05 | 425.46 | 1.16e-03 | 0.0 | 92.1 | 5.550e+04 | -5471.99 | -498.61 | -6459.04 | 425.46 | 7.920e+05 |
| 5 | 465 | 1.132e+06 | 3.077e+04 | 0.04 | -906.45 | 0.0 | 5.104e+04 | -4403.19 | -404.73 | 1484.75 | 3.077e+04 | 1.132e+06 |

| | | | | | | | | | | | | |
|---|-----|-----------|------------|-----------|----------|------|-----------|------------|---------|------------|------------|-----------|
| | | 8.170e+05 | -6774.14 | -4.61e-04 | 0.0 | 92.1 | 5.104e+04 | -5309.64 | -404.73 | 1484.75 | -6774.14 | 8.170e+05 |
| 6 | 48 | 1.200e+06 | -5150.47 | 0.04 | -906.45 | 0.0 | 6.482e+04 | -5323.62 | 297.78 | 3.671e+04 | -3.257e+04 | 1.200e+06 |
| | | 8.295e+05 | -3.257e+04 | 1.04e-04 | 0.0 | 92.1 | 6.482e+04 | -6230.07 | 297.78 | 3.671e+04 | -5150.47 | 8.295e+05 |
| 6 | 109 | 4.998e+06 | -3.345e+04 | 0.18 | -1223.70 | 0.0 | 1.814e+05 | -2.341e+04 | 1861.57 | 1.918e+05 | -2.049e+05 | 4.998e+06 |
| | | 3.456e+06 | -2.049e+05 | -9.32e-04 | 0.0 | 92.1 | 1.814e+05 | -2.463e+04 | 1861.57 | 1.918e+05 | -3.345e+04 | 3.456e+06 |
| 6 | 160 | 1.311e+06 | -5033.05 | 0.04 | -906.45 | 0.0 | 6.033e+04 | -5399.86 | 325.04 | 4.003e+04 | -3.496e+04 | 1.311e+06 |
| | | 9.347e+05 | -3.496e+04 | -1.57e-04 | 0.0 | 92.1 | 6.033e+04 | -6306.31 | 325.04 | 4.003e+04 | -5033.05 | 9.347e+05 |
| 6 | 164 | 1.507e+06 | -3324.73 | 0.05 | -906.45 | 0.0 | 7.706e+04 | -6540.81 | 399.17 | 4.014e+04 | -4.008e+04 | 1.507e+06 |
| | | 1.057e+06 | -4.008e+04 | -9.24e-05 | 0.0 | 92.1 | 7.706e+04 | -7447.25 | 399.17 | 4.014e+04 | -3324.73 | 1.057e+06 |
| 6 | 284 | 1.201e+06 | -4183.09 | 0.04 | -906.45 | 0.0 | 6.195e+04 | -5236.45 | 261.37 | 3.179e+04 | -2.825e+04 | 1.201e+06 |
| | | 8.337e+05 | -2.825e+04 | 1.08e-04 | 0.0 | 92.1 | 6.195e+04 | -6142.90 | 261.37 | 3.179e+04 | -4183.09 | 8.337e+05 |
| 6 | 315 | 3.698e+06 | -2.456e+04 | 0.13 | -906.45 | 0.0 | 1.343e+05 | -1.732e+04 | 1377.11 | 1.415e+05 | -1.514e+05 | 3.698e+06 |
| | | 2.558e+06 | -1.514e+05 | -6.75e-04 | 0.0 | 92.1 | 1.343e+05 | -1.823e+04 | 1377.11 | 1.415e+05 | -2.456e+04 | 2.558e+06 |
| 6 | 340 | 1.283e+06 | -4081.08 | 0.04 | -906.45 | 0.0 | 5.862e+04 | -5292.47 | 280.96 | 3.420e+04 | -2.995e+04 | 1.283e+06 |
| | | 9.115e+05 | -2.995e+04 | -7.35e-05 | 0.0 | 92.1 | 5.862e+04 | -6198.91 | 280.96 | 3.420e+04 | -4081.08 | 9.115e+05 |
| 6 | 342 | 1.407e+06 | -2833.20 | 0.05 | -906.45 | 0.0 | 7.007e+04 | -6048.07 | 329.98 | 3.406e+04 | -3.322e+04 | 1.407e+06 |
| | | 9.868e+05 | -3.322e+04 | 8.60e-05 | 0.0 | 92.1 | 7.007e+04 | -6954.51 | 329.98 | 3.406e+04 | -2833.20 | 9.868e+05 |
| 6 | 391 | 1.130e+06 | -993.34 | 0.04 | -906.45 | 0.0 | 5.070e+04 | -4559.58 | 166.27 | 1.069e+04 | -1.630e+04 | 1.130e+06 |
| | | 8.037e+05 | -1.630e+04 | 8.70e-05 | 0.0 | 92.1 | 5.070e+04 | -5466.03 | 166.27 | 1.069e+04 | -993.34 | 8.037e+05 |
| 6 | 392 | 1.137e+06 | -967.92 | 0.04 | -906.45 | 0.0 | 5.051e+04 | -4559.00 | 166.36 | 1.069e+04 | -1.629e+04 | 1.137e+06 |
| | | 8.107e+05 | -1.629e+04 | 8.72e-05 | 0.0 | 92.1 | 5.051e+04 | -5465.44 | 166.36 | 1.066e+04 | -967.92 | 8.107e+05 |
| 6 | 399 | 2.895e+06 | -1.559e+04 | 0.10 | -906.45 | 0.0 | 1.062e+05 | -1.354e+04 | 959.48 | 8.632e+04 | -1.039e+05 | 2.895e+06 |
| | | 1.994e+06 | -1.039e+05 | -3.18e-04 | 0.0 | 92.1 | 1.062e+05 | -1.444e+04 | 959.48 | 8.632e+04 | -1.559e+04 | 1.994e+06 |
| 6 | 407 | 1.130e+06 | -993.34 | 0.04 | -906.45 | 0.0 | 5.070e+04 | -4559.58 | 166.27 | 1.069e+04 | -1.630e+04 | 1.130e+06 |
| | | 8.037e+05 | -1.630e+04 | 8.70e-05 | 0.0 | 92.1 | 5.070e+04 | -5466.03 | 166.27 | 1.069e+04 | -993.34 | 8.037e+05 |
| 6 | 420 | 9.311e+05 | 1293.46 | 0.03 | -906.45 | 0.0 | 5.944e+04 | -5192.76 | 154.04 | 6707.63 | -1.255e+04 | 9.311e+05 |
| | | 6.568e+05 | -1.255e+04 | 5.29e-04 | 0.0 | 92.1 | 5.944e+04 | -6099.20 | 154.04 | 6707.63 | 1293.46 | 6.568e+05 |
| 6 | 423 | 1.329e+06 | -3280.14 | 0.04 | -906.45 | 0.0 | 4.196e+04 | -3926.41 | 178.51 | 1.467e+04 | -2.006e+04 | 1.329e+06 |
| | | 9.506e+05 | -2.006e+04 | -3.77e-04 | 0.0 | 92.1 | 4.196e+04 | -4832.85 | 178.51 | 1.467e+04 | -3280.14 | 9.506e+05 |
| 6 | 434 | 1.172e+06 | 8103.52 | 0.04 | -906.45 | 0.0 | 4.920e+04 | -4292.90 | 82.85 | 3450.41 | 145.04 | 1.172e+06 |
| | | 8.265e+05 | 145.04 | 1.75e-03 | 0.0 | 92.1 | 4.920e+04 | -5199.35 | 82.85 | 3450.41 | 8103.52 | 8.265e+05 |
| 6 | 437 | 1.089e+06 | -1.008e+04 | 0.04 | -906.45 | 0.0 | 5.221e+04 | -4826.72 | 257.27 | 1.788e+04 | -3.346e+04 | 1.089e+06 |
| | | 7.809e+05 | -3.346e+04 | -1.60e-03 | 0.0 | 92.1 | 5.221e+04 | -5733.17 | 257.27 | 1.788e+04 | -1.008e+04 | 7.809e+05 |
| 6 | 448 | 1.027e+06 | -238.57 | 0.03 | -906.45 | 0.0 | 5.514e+04 | -4876.56 | 165.87 | 8889.68 | -1.542e+04 | 1.027e+06 |
| | | 7.268e+05 | -1.542e+04 | 1.80e-04 | 0.0 | 92.1 | 5.514e+04 | -5783.00 | 165.87 | 8889.68 | -238.57 | 7.268e+05 |
| 6 | 451 | 1.234e+06 | -1748.11 | 0.04 | -906.45 | 0.0 | 4.625e+04 | -4242.61 | 166.68 | 1.248e+04 | -1.719e+04 | 1.234e+06 |
| | | 8.806e+05 | -1.719e+04 | 3.96e-05 | 0.0 | 92.1 | 4.625e+04 | -5149.05 | 166.68 | 1.248e+04 | -1748.11 | 8.806e+05 |
| 6 | 466 | 1.152e+06 | 3524.34 | 0.04 | -906.45 | 0.0 | 4.994e+04 | -4425.61 | 124.90 | 7071.47 | -8138.70 | 1.152e+06 |
| | | 8.157e+05 | -8138.70 | 9.05e-04 | 0.0 | 92.1 | 4.994e+04 | -5332.05 | 124.90 | 7071.47 | 3524.34 | 8.157e+05 |
| 6 | 469 | 1.109e+06 | -5504.81 | 0.04 | -906.45 | 0.0 | 5.147e+04 | -4693.78 | 211.48 | 1.428e+04 | -2.482e+04 | 1.109e+06 |
| | | 7.917e+05 | -2.482e+04 | -7.55e-04 | 0.0 | 92.1 | 5.147e+04 | -5600.23 | 211.48 | 1.428e+04 | -5504.81 | 7.917e+05 |
| 7 | 46 | 1.154e+06 | 6266.35 | 0.04 | -906.45 | 0.0 | 6.171e+04 | -5263.14 | -122.92 | 1.804e+04 | 6266.35 | 1.154e+06 |
| | | 7.801e+05 | -5052.89 | -2.59e-04 | 0.0 | 92.1 | 6.171e+04 | -6169.58 | -122.92 | 1.804e+04 | -5052.89 | 7.801e+05 |
| 7 | 103 | 4.016e+06 | 4.710e+04 | 0.14 | -1223.70 | 0.0 | 1.470e+05 | -1.837e+04 | -604.30 | 1.246e+05 | 4.710e+04 | 4.016e+06 |
| | | 2.773e+06 | -8547.25 | -9.00e-04 | 0.0 | 92.1 | 1.470e+05 | -1.960e+04 | -604.30 | 1.246e+05 | -8547.25 | 2.773e+06 |
| 7 | 110 | 4.267e+06 | 3.173e+04 | 0.15 | -906.45 | 0.0 | 1.474e+05 | -2.013e+04 | -521.83 | 2.242e+05 | 3.173e+04 | 4.267e+06 |
| | | 2.919e+06 | -1.632e+04 | -1.24e-03 | 0.0 | 92.1 | 1.474e+05 | -2.104e+04 | -521.83 | 2.242e+05 | -1.632e+04 | 2.919e+06 |
| 7 | 111 | 4.697e+06 | 4.063e+04 | 0.16 | -1223.70 | 0.0 | 1.664e+05 | -2.191e+04 | -605.09 | 2.130e+05 | 4.063e+04 | 4.697e+06 |
| | | 3.219e+06 | -1.509e+04 | -1.19e-03 | 0.0 | 92.1 | 1.664e+05 | -2.314e+04 | -605.09 | 2.130e+05 | -1.509e+04 | 3.219e+06 |
| 7 | 158 | 1.266e+06 | 6877.48 | 0.04 | -906.45 | 0.0 | 5.747e+04 | -5322.01 | -128.81 | 1.855e+04 | 6877.48 | 1.266e+06 |
| | | 8.892e+05 | -4983.65 | -3.65e-04 | 0.0 | 92.1 | 5.747e+04 | -6228.45 | -128.81 | 1.855e+04 | -4983.65 | 8.892e+05 |
| 7 | 283 | 1.167e+06 | 9123.32 | 0.04 | -906.45 | 0.0 | 5.961e+04 | -5187.16 | -133.44 | 7448.98 | 9123.32 | 1.167e+06 |
| | | 7.969e+05 | -3164.42 | -2.05e-04 | 0.0 | 92.1 | 5.961e+04 | -6093.61 | -133.44 | 7448.98 | -3164.42 | 7.969e+05 |
| 7 | 312 | 2.954e+06 | 3.454e+04 | 0.10 | -906.45 | 0.0 | 1.080e+05 | -1.352e+04 | -442.47 | 9.313e+04 | 3.454e+04 | 2.954e+06 |
| | | 2.039e+06 | -6206.68 | -6.55e-04 | 0.0 | 92.1 | 1.080e+05 | -1.443e+04 | -442.47 | 9.313e+04 | -6206.68 | 2.039e+06 |
| 7 | 315 | 3.473e+06 | 2.791e+04 | 0.12 | -906.45 | 0.0 | 1.231e+05 | -1.620e+04 | -428.28 | 1.602e+05 | 2.791e+04 | 3.473e+06 |
| | | 2.381e+06 | -1.153e+04 | -9.31e-04 | 0.0 | 92.1 | 1.231e+05 | -1.711e+04 | -428.28 | 1.602e+05 | -1.153e+04 | 2.381e+06 |
| 7 | 316 | 3.475e+06 | 3.021e+04 | 0.12 | -906.45 | 0.0 | 1.231e+05 | -1.621e+04 | -448.33 | 1.581e+05 | 3.021e+04 | 3.475e+06 |
| | | 2.382e+06 | -1.108e+04 | -8.67e-04 | 0.0 | 92.1 | 1.231e+05 | -1.712e+04 | -448.33 | 1.581e+05 | -1.108e+04 | 2.382e+06 |
| 7 | 339 | 1.250e+06 | 9501.75 | 0.04 | -906.45 | 0.0 | 5.647e+04 | -5230.28 | -137.16 | 7883.87 | 9501.75 | 1.250e+06 |
| | | 8.777e+05 | -3128.03 | -2.87e-04 | 0.0 | 92.1 | 5.647e+04 | -6136.72 | -137.16 | 7883.87 | -3128.03 | 8.777e+05 |
| 7 | 392 | 1.137e+06 | 1.577e+04 | 0.04 | -906.45 | 0.0 | 5.038e+04 | -4540.42 | -165.05 | -1.441e+04 | 1.577e+04 | 1.137e+06 |
| | | 8.102e+05 | 568.44 | -9.03e-05 | 0.0 | 92.1 | 5.038e+04 | -5446.86 | -165.05 | -1.441e+04 | 568.44 | 8.102e+05 |
| 7 | 396 | 1.163e+06 | 1.294e+04 | 0.04 | -906.45 | 0.0 | 5.987e+04 | -5204.07 | -155.94 | 5049.34 | 1.294e+04 | 1.163e+06 |
| | | 7.915e+05 | -1416.23 | -4.40e-05 | 0.0 | 92.1 | 5.987e+04 | -6110.52 | -155.94 | 5049.34 | -1416.23 | 7.915e+05 |
| 7 | 399 | 2.758e+06 | 3.080e+04 | 0.10 | -906.45 | 0.0 | 9.960e+04 | -1.272e+04 | -386.47 | 9.589e+04 | 3.080e+04 | 2.758e+06 |
| | | 1.895e+06 | -4791.48 | -5.61e-04 | 0.0 | 92.1 | 9.960e+04 | -1.363e+04 | -386.47 | 9.589e+04 | -4791.48 | 1.895e+06 |
| 7 | 407 | 1.130e+06 | 1.577e+04 | 0.04 | -906.45 | 0.0 | 5.057e+04 | -4541.19 | -164.90 | -1.441e+04 | 1.577e+04 | 1.130e+06 |
| | | 8.032e+05 | 590.25 | -9.00e-05 | 0.0 | 92.1 | 5.057e+04 | -5447.63 | -164.90 | -1.441e+04 | 590.25 | 8.032e+05 |
| 7 | 413 | 9.303e+05 | 1.195e+04 | 0.03 | -906.45 | 0.0 | 5.946e+04 | -5172.19 | -126.63 | -9495.99 | 1.195e+04 | 9.303e+05 |
| | | 6.562e+05 | -1831.19 | -5.41e-04 | 0.0 | 92.1 | 5.946e+04 | -6078.64 | -126.63 | -9495.99 | -1831.19 | 6.562e+05 |
| 7 | 414 | 1.329e+06 | 1.960e+04 | 0.04 | -906.45 | 0.0 | 4.167e+04 | -3910.18 | -203.17 | -1.933e+04 | 1.960e+04 | 1.329e+06 |
| | | 9.501e+05 | 3011.69 | 3.74e-04 | 0.0 | 92.1 | 4.167e+04 | -4816.63 | -203.17 | -1.933e+04 | 3011.69 | 9.501e+05 |
| 7 | 432 | 1.089e+06 | 3.251e+04 | 0.04 | -906.45 | 0.0 | 5.155e+04 | -4818.16 | -243.45 | -2.136e+04 | 3.251e+04 | 1.089e+06 |
| | | 7.794e+05 | 9807.97 | 1.59e-03 | 0.0 | 92.1 | 5.155e+04 | -5724.60 | -243.45 | -2.136e+04 | 9807.97 | 7.794e+05 |
| 7 | 435 | 1.171e+06 | -959.84 | 0.04 | -906.45 | 0.0 | 4.959e+04 | -4264.22 | -86.34 | -7465.35 | -959.84 | 1.171e+06 |
| | | 8.269e+05 | -8627.47 | -1.75e-03 | 0.0 | 92.1 | 4.959e+04 | -5170.66 | -86.34 | -7465.35 | -8627.47 | 8.269e+05 |

| | | | | | | | | | | | | |
|---|-----|-----------|------------|-----------|----------|------|-----------|------------|---------|------------|------------|-----------|
| 7 | 441 | 1.026e+06 | 1.460e+04 | 0.03 | -906.45 | 0.0 | 5.501e+04 | -4859.77 | -148.05 | -1.222e+04 | 1.460e+04 | 1.026e+06 |
| | | 7.260e+05 | -123.65 | -1.90e-04 | 0.0 | 92.1 | 5.501e+04 | -5766.21 | -148.05 | -1.222e+04 | -123.65 | 7.260e+05 |
| 7 | 442 | 1.234e+06 | 1.694e+04 | 0.04 | -906.45 | 0.0 | 4.613e+04 | -4222.61 | -181.75 | -1.661e+04 | 1.694e+04 | 1.234e+06 |
| | | 8.803e+05 | 1304.15 | -3.93e-05 | 0.0 | 92.1 | 4.613e+04 | -5129.06 | -181.75 | -1.661e+04 | 1304.15 | 8.803e+05 |
| 7 | 445 | 1.028e+06 | 1.389e+04 | 0.03 | -906.45 | 0.0 | 5.504e+04 | -4860.64 | -145.76 | -1.193e+04 | 1.389e+04 | 1.028e+06 |
| | | 7.280e+05 | -610.49 | -3.10e-04 | 0.0 | 92.1 | 5.504e+04 | -5767.09 | -145.76 | -1.193e+04 | -610.49 | 7.280e+05 |
| 7 | 446 | 1.232e+06 | 1.766e+04 | 0.04 | -906.45 | 0.0 | 4.609e+04 | -4221.73 | -184.04 | -1.690e+04 | 1.766e+04 | 1.232e+06 |
| | | 8.783e+05 | 1790.99 | 1.44e-04 | 0.0 | 92.1 | 4.609e+04 | -5128.18 | -184.04 | -1.690e+04 | 1790.99 | 8.783e+05 |
| 7 | 464 | 1.109e+06 | 2.409e+04 | 0.04 | -906.45 | 0.0 | 5.107e+04 | -4680.22 | -203.83 | -1.788e+04 | 2.409e+04 | 1.109e+06 |
| | | 7.907e+05 | 5167.94 | 7.46e-04 | 0.0 | 92.1 | 5.107e+04 | -5586.67 | -203.83 | -1.788e+04 | 5167.94 | 7.907e+05 |
| 7 | 467 | 1.151e+06 | 7462.69 | 0.04 | -906.45 | 0.0 | 5.006e+04 | -4402.15 | -125.96 | -1.095e+04 | 7462.69 | 1.151e+06 |
| | | 8.156e+05 | -3987.44 | -9.12e-04 | 0.0 | 92.1 | 5.006e+04 | -5308.60 | -125.96 | -1.095e+04 | -3987.44 | 8.156e+05 |
| 8 | 46 | 1.093e+06 | -2096.76 | 0.04 | -906.45 | 0.0 | 5.951e+04 | -5068.19 | 577.07 | 3.267e+04 | -5.524e+04 | 1.093e+06 |
| | | 7.419e+05 | -5.524e+04 | -6.03e-04 | 0.0 | 92.1 | 5.951e+04 | -5974.63 | 577.07 | 3.267e+04 | -2096.76 | 7.419e+05 |
| 8 | 111 | 4.374e+06 | -1.870e+04 | 0.15 | -1223.70 | 0.0 | 1.555e+05 | -2.054e+04 | 1950.47 | 1.603e+05 | -1.919e+05 | 4.374e+06 |
| | | 3.021e+06 | -1.919e+05 | -2.53e-03 | -138.40 | 92.1 | 1.555e+05 | -2.177e+04 | 1812.07 | 1.603e+05 | -1.870e+04 | 3.021e+06 |
| 8 | 158 | 1.212e+06 | -2097.31 | 0.04 | -906.45 | 0.0 | 5.579e+04 | -5149.42 | 543.57 | 3.136e+04 | -5.215e+04 | 1.212e+06 |
| | | 8.576e+05 | -5.215e+04 | -6.98e-04 | 0.0 | 92.1 | 5.579e+04 | -6055.86 | 543.57 | 3.136e+04 | -2097.31 | 8.576e+05 |
| 8 | 167 | 1.578e+06 | 4045.28 | 0.05 | -1223.70 | 0.0 | 7.860e+04 | -6828.85 | 1008.14 | 2.820e+04 | -7.817e+04 | 1.578e+06 |
| | | 1.109e+06 | -7.817e+04 | -6.96e-04 | -230.67 | 92.1 | 7.860e+04 | -8052.55 | 777.47 | 2.820e+04 | 4045.28 | 1.109e+06 |
| 8 | 283 | 1.125e+06 | 157.26 | 0.04 | -906.45 | 0.0 | 5.864e+04 | -5002.91 | 597.91 | 2.224e+04 | -5.490e+04 | 1.125e+06 |
| | | 7.793e+05 | -5.490e+04 | -5.53e-04 | 0.0 | 92.1 | 5.864e+04 | -5909.36 | 597.91 | 2.224e+04 | 157.26 | 7.793e+05 |
| 8 | 316 | 3.236e+06 | -1.392e+04 | 0.11 | -906.45 | 0.0 | 1.150e+05 | -1.520e+04 | 1426.64 | 1.188e+05 | -1.410e+05 | 3.236e+06 |
| | | 2.234e+06 | -1.410e+05 | -1.86e-03 | -92.27 | 92.1 | 1.150e+05 | -1.611e+04 | 1334.37 | 1.188e+05 | -1.392e+04 | 2.234e+06 |
| 8 | 339 | 1.213e+06 | 144.14 | 0.04 | -906.45 | 0.0 | 5.588e+04 | -5062.46 | 573.48 | 2.132e+04 | -5.266e+04 | 1.213e+06 |
| | | 8.649e+05 | -5.266e+04 | -6.26e-04 | 0.0 | 92.1 | 5.588e+04 | -5968.90 | 573.48 | 2.132e+04 | 144.14 | 8.649e+05 |
| 8 | 344 | 1.165e+06 | 2882.27 | 0.04 | -906.45 | 0.0 | 5.805e+04 | -5044.67 | 722.14 | 2.094e+04 | -5.653e+04 | 1.165e+06 |
| | | 8.173e+05 | -5.653e+04 | -5.00e-04 | -153.78 | 92.1 | 5.805e+04 | -5951.11 | 568.36 | 2.094e+04 | 2882.27 | 8.173e+05 |
| 8 | 392 | 1.146e+06 | 2691.93 | 0.04 | -906.45 | 0.0 | 5.173e+04 | -4562.09 | 449.11 | -2118.12 | -3.866e+04 | 1.146e+06 |
| | | 8.279e+05 | -3.866e+04 | -3.69e-04 | 0.0 | 92.1 | 5.173e+04 | -5468.54 | 449.11 | -2118.12 | 2691.93 | 8.279e+05 |
| 8 | 396 | 1.125e+06 | 1665.73 | 0.04 | -906.45 | 0.0 | 5.873e+04 | -5006.14 | 587.84 | 2.071e+04 | -5.246e+04 | 1.125e+06 |
| | | 7.763e+05 | -5.246e+04 | -3.82e-04 | 0.0 | 92.1 | 5.873e+04 | -5912.59 | 587.84 | 2.071e+04 | 1665.73 | 7.763e+05 |
| 8 | 399 | 2.619e+06 | -7901.55 | 0.09 | -906.45 | 0.0 | 9.539e+04 | -1.210e+04 | 1018.25 | 6.834e+04 | -1.017e+05 | 2.619e+06 |
| | | 1.816e+06 | -1.017e+05 | -1.31e-03 | 0.0 | 92.1 | 9.539e+04 | -1.301e+04 | 1018.25 | 6.834e+04 | -7901.55 | 1.816e+06 |
| 8 | 402 | 1.154e+06 | 2882.30 | 0.04 | -906.45 | 0.0 | 5.790e+04 | -5011.35 | 573.97 | 1.968e+04 | -4.997e+04 | 1.154e+06 |
| | | 8.076e+05 | -4.997e+04 | -4.10e-04 | 0.0 | 92.1 | 5.790e+04 | -5917.79 | 573.97 | 1.968e+04 | 2882.30 | 8.076e+05 |
| 8 | 407 | 1.139e+06 | 2709.93 | 0.04 | -906.45 | 0.0 | 5.191e+04 | -4561.31 | 451.06 | -1947.22 | -3.883e+04 | 1.139e+06 |
| | | 8.207e+05 | -3.883e+04 | -3.68e-04 | 0.0 | 92.1 | 5.191e+04 | -5467.76 | 451.06 | -1947.22 | 2709.93 | 8.207e+05 |
| 8 | 413 | 9.294e+05 | 1392.52 | 0.03 | -906.45 | 0.0 | 6.202e+04 | -3926.17 | 537.85 | 3539.34 | -4.798e+04 | 9.294e+05 |
| | | 6.706e+05 | -4.798e+04 | -7.87e-04 | 0.0 | 92.1 | 6.202e+04 | -4832.62 | 537.85 | 3539.34 | 1392.52 | 6.706e+05 |
| 8 | 414 | 1.348e+06 | 4027.33 | 0.04 | -906.45 | 0.0 | 4.180e+04 | -5196.45 | 364.28 | -7433.77 | -2.967e+04 | 1.348e+06 |
| | | 9.709e+05 | -2.967e+04 | 9.28e-05 | 0.0 | 92.1 | 4.180e+04 | -6102.90 | 364.28 | -7433.77 | 4027.33 | 9.709e+05 |
| 8 | 436 | 1.111e+06 | 1.053e+04 | 0.04 | -906.45 | 0.0 | 4.955e+04 | -4137.96 | 378.58 | -9223.35 | -2.502e+04 | 1.111e+06 |
| | | 8.029e+05 | -2.502e+04 | 1.28e-03 | 0.0 | 92.1 | 4.955e+04 | -5044.41 | 378.58 | -9223.35 | 1.053e+04 | 8.029e+05 |
| 8 | 437 | 1.047e+06 | -4519.74 | 0.04 | -906.45 | 0.0 | 5.933e+04 | -4571.46 | 559.64 | 7144.50 | -5.539e+04 | 1.047e+06 |
| | | 7.533e+05 | -5.539e+04 | -1.99e-03 | 0.0 | 92.1 | 5.933e+04 | -5477.91 | 559.64 | 7144.50 | -4519.74 | 7.533e+05 |
| 8 | 441 | 1.030e+06 | 2362.55 | 0.03 | -906.45 | 0.0 | 5.657e+04 | -4219.92 | 492.14 | 511.91 | -4.265e+04 | 1.030e+06 |
| | | 7.405e+05 | -4.265e+04 | -4.55e-04 | 0.0 | 92.1 | 5.657e+04 | -5126.36 | 492.14 | 511.91 | 2362.55 | 7.405e+05 |
| 8 | 442 | 1.247e+06 | 3057.30 | 0.04 | -906.45 | 0.0 | 4.725e+04 | -4902.70 | 409.98 | -4406.34 | -3.500e+04 | 1.247e+06 |
| | | 9.010e+05 | -3.500e+04 | -2.82e-04 | 0.0 | 92.1 | 4.725e+04 | -5809.15 | 409.98 | -4406.34 | 3057.30 | 9.010e+05 |
| 8 | 445 | 1.032e+06 | 2064.35 | 0.03 | -906.45 | 0.0 | 5.699e+04 | -4239.23 | 494.51 | 828.31 | -4.340e+04 | 1.032e+06 |
| | | 7.440e+05 | -4.340e+04 | -5.75e-04 | 0.0 | 92.1 | 5.699e+04 | -5145.68 | 494.51 | 828.31 | 2064.35 | 7.440e+05 |
| 8 | 446 | 1.246e+06 | 3355.50 | 0.04 | -906.45 | 0.0 | 4.683e+04 | -4883.39 | 407.61 | -4722.74 | -3.425e+04 | 1.246e+06 |
| | | 8.975e+05 | -3.425e+04 | -1.61e-04 | 0.0 | 92.1 | 4.683e+04 | -5789.84 | 407.61 | -4722.74 | 3355.50 | 8.975e+05 |
| 8 | 468 | 1.124e+06 | 6594.21 | 0.04 | -906.45 | 0.0 | 5.076e+04 | -4349.33 | 415.24 | -5564.96 | -3.198e+04 | 1.124e+06 |
| | | 8.112e+05 | -3.198e+04 | 4.48e-04 | 0.0 | 92.1 | 5.076e+04 | -5255.77 | 415.24 | -5564.96 | 6594.21 | 8.112e+05 |
| 8 | 469 | 1.092e+06 | -877.79 | 0.04 | -906.45 | 0.0 | 5.561e+04 | -4564.11 | 505.04 | 2597.76 | -4.706e+04 | 1.092e+06 |
| | | 7.866e+05 | -4.706e+04 | -1.17e-03 | 0.0 | 92.1 | 5.561e+04 | -5470.56 | 505.04 | 2597.76 | -877.79 | 7.866e+05 |
| 9 | 86 | 1.222e+06 | -2641.63 | 0.04 | -906.45 | 0.0 | 5.680e+04 | -5125.46 | 543.92 | 3.477e+04 | -5.273e+04 | 1.222e+06 |
| | | 8.686e+05 | -5.273e+04 | -6.99e-04 | 0.0 | 92.1 | 5.680e+04 | -6031.90 | 543.92 | 3.477e+04 | -2641.63 | 8.686e+05 |
| 9 | 106 | 1.113e+06 | -1834.96 | 0.04 | -906.45 | 0.0 | 5.913e+04 | -5080.55 | 565.62 | 3.408e+04 | -5.392e+04 | 1.113e+06 |
| | | 7.600e+05 | -5.392e+04 | -5.91e-04 | 0.0 | 92.1 | 5.913e+04 | -5986.99 | 565.62 | 3.408e+04 | -1834.96 | 7.600e+05 |
| 9 | 171 | 4.390e+06 | -1.829e+04 | 0.15 | -1223.70 | 0.0 | 1.556e+05 | -2.059e+04 | 1938.03 | 1.689e+05 | -1.904e+05 | 4.390e+06 |
| | | 3.032e+06 | -1.904e+05 | -2.49e-03 | -138.40 | 92.1 | 1.556e+05 | -2.182e+04 | 1799.63 | 1.689e+05 | -1.829e+04 | 3.032e+06 |
| 9 | 207 | 1.583e+06 | 4473.55 | 0.05 | -1223.70 | 0.0 | 7.865e+04 | -6845.38 | 1000.96 | 3.105e+04 | -7.708e+04 | 1.583e+06 |
| | | 1.111e+06 | -7.708e+04 | -6.78e-04 | -230.67 | 92.1 | 7.865e+04 | -8069.08 | 770.30 | 3.105e+04 | 4473.55 | 1.111e+06 |
| 9 | 303 | 1.223e+06 | -210.33 | 0.04 | -906.45 | 0.0 | 5.663e+04 | -5049.21 | 572.19 | 2.437e+04 | -5.290e+04 | 1.223e+06 |
| | | 8.745e+05 | -5.290e+04 | -6.23e-04 | 0.0 | 92.1 | 5.663e+04 | -5955.66 | 572.19 | 2.437e+04 | -210.33 | 8.745e+05 |
| 9 | 313 | 1.141e+06 | 388.68 | 0.04 | -906.45 | 0.0 | 5.836e+04 | -5015.86 | 588.30 | 2.386e+04 | -5.378e+04 | 1.141e+06 |
| | | 7.939e+05 | -5.378e+04 | -5.43e-04 | 0.0 | 92.1 | 5.836e+04 | -5922.31 | 588.30 | 2.386e+04 | 388.68 | 7.939e+05 |
| 9 | 346 | 3.249e+06 | -1.362e+04 | 0.11 | -906.45 | 0.0 | 1.151e+05 | -1.524e+04 | 1417.23 | 1.252e+05 | -1.399e+05 | 3.249e+06 |
| | | 2.243e+06 | -1.399e+05 | -1.83e-03 | -92.27 | 92.1 | 1.151e+05 | -1.615e+04 | 1324.96 | 1.252e+05 | -1.362e+04 | 2.243e+06 |
| 9 | 364 | 1.169e+06 | 3195.32 | 0.04 | -906.45 | 0.0 | 5.806e+04 | -5057.08 | 716.62 | 2.303e+04 | -5.571e+04 | 1.169e+06 |
| | | 8.201e+05 | -5.571e+04 | -4.87e-04 | -153.78 | 92.1 | 5.806e+04 | -5963.52 | 562.84 | 2.303e+04 | 3195.32 | 8.201e+05 |
| 9 | 392 | 1.141e+06 | 2868.23 | 0.04 | -906.45 | 0.0 | 5.199e+04 | -4574.39 | 447.66 | 121.74 | -3.835e+04 | 1.141e+06 |
| | | 8.217e+05 | -3.835e+04 | -3.62e-04 | 0.0 | 92.1 | 5.199e+04 | -5480.83 | 447.66 | 121.74 | 2868.23 | 8.217e+05 |
| 9 | 399 | 1.148e+06 | 1849.60 | 0.04 | -906.45 | 0.0 | 5.829e+04 | -5021.08 | 576.80 | 2.234e+04 | -5.126e+04 | 1.148e+06 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|----------|------|-----------|------------|---------|------------|------------|-----------|
| | | 7.978e+05 | -5.126e+04 | -3.76e-04 | 0.0 | 92.1 | 5.829e+04 | -5927.52 | 576.80 | 2.234e+04 | 1849.60 | 7.978e+05 |
| 9 | 402 | 2.634e+06 | -7684.99 | 0.09 | -906.45 | 0.0 | 9.535e+04 | -1.213e+04 | 1009.40 | 7.324e+04 | -1.006e+05 | 2.634e+06 |
| | | 1.828e+06 | -1.006e+05 | -1.30e-03 | 0.0 | 92.1 | 9.535e+04 | -1.304e+04 | 1009.40 | 7.324e+04 | -7684.99 | 1.828e+06 |
| 9 | 404 | 1.165e+06 | 3161.03 | 0.04 | -906.45 | 0.0 | 5.774e+04 | -5025.40 | 566.66 | 2.169e+04 | -4.902e+04 | 1.165e+06 |
| | | 8.176e+05 | -4.902e+04 | -3.99e-04 | 0.0 | 92.1 | 5.774e+04 | -5931.85 | 566.66 | 2.169e+04 | 3161.03 | 8.176e+05 |
| 9 | 407 | 1.141e+06 | 2865.01 | 0.04 | -906.45 | 0.0 | 5.199e+04 | -4574.41 | 447.55 | 117.96 | -3.835e+04 | 1.141e+06 |
| | | 8.218e+05 | -3.835e+04 | -3.62e-04 | 0.0 | 92.1 | 5.199e+04 | -5480.85 | 447.55 | 117.96 | 2865.01 | 8.218e+05 |
| 9 | 412 | 1.233e+06 | 4088.03 | 0.04 | -906.45 | 0.0 | 4.936e+04 | -4728.35 | 409.57 | -3644.57 | -3.381e+04 | 1.233e+06 |
| | | 9.050e+05 | -3.381e+04 | 7.68e-05 | 0.0 | 92.1 | 4.936e+04 | -5634.80 | 409.57 | -3644.57 | 4088.03 | 9.050e+05 |
| 9 | 415 | 1.049e+06 | 1641.99 | 0.03 | -906.45 | 0.0 | 5.462e+04 | -4420.46 | 485.53 | 3880.48 | -4.289e+04 | 1.049e+06 |
| | | 7.385e+05 | -4.289e+04 | -7.11e-04 | 0.0 | 92.1 | 5.462e+04 | -5326.91 | 485.53 | 3880.48 | 1641.99 | 7.385e+05 |
| 9 | 425 | 1.194e+06 | -5327.87 | 0.04 | -906.45 | 0.0 | 4.754e+04 | -4880.29 | 503.14 | 1.254e+04 | -5.096e+04 | 1.194e+06 |
| | | 8.771e+05 | -5.096e+04 | -1.45e-03 | 0.0 | 92.1 | 4.754e+04 | -5786.73 | 503.14 | 1.254e+04 | -5327.87 | 8.771e+05 |
| 9 | 426 | 1.088e+06 | 1.106e+04 | 0.04 | -906.45 | 0.0 | 5.644e+04 | -4268.53 | 391.95 | -1.231e+04 | -2.573e+04 | 1.088e+06 |
| | | 7.664e+05 | -2.573e+04 | 7.23e-04 | 0.0 | 92.1 | 5.644e+04 | -5174.98 | 391.95 | -1.231e+04 | 1.106e+04 | 7.664e+05 |
| 9 | 427 | 1.146e+06 | -5121.54 | 0.04 | -906.45 | 0.0 | 4.880e+04 | -4766.31 | 514.83 | 1.362e+04 | -5.193e+04 | 1.146e+06 |
| | | 8.357e+05 | -5.193e+04 | -1.47e-03 | 0.0 | 92.1 | 4.880e+04 | -5672.76 | 514.83 | 1.362e+04 | -5121.54 | 8.357e+05 |
| 9 | 440 | 1.190e+06 | 3422.72 | 0.04 | -906.45 | 0.0 | 5.059e+04 | -4643.67 | 425.22 | -2341.07 | -3.594e+04 | 1.190e+06 |
| | | 8.680e+05 | -3.594e+04 | -2.12e-04 | 0.0 | 92.1 | 5.059e+04 | -5550.12 | 425.22 | -2341.07 | 3422.72 | 8.680e+05 |
| 9 | 456 | 1.183e+06 | 5246.54 | 0.04 | -906.45 | 0.0 | 5.054e+04 | -4511.15 | 402.78 | -5366.11 | -3.279e+04 | 1.183e+06 |
| | | 8.702e+05 | -3.279e+04 | 1.10e-04 | 0.0 | 92.1 | 5.054e+04 | -5417.60 | 402.78 | -5366.11 | 5246.54 | 8.702e+05 |
| 9 | 459 | 1.099e+06 | 483.48 | 0.03 | -906.45 | 0.0 | 5.344e+04 | -4637.67 | 492.32 | 5602.02 | -4.391e+04 | 1.099e+06 |
| | | 7.734e+05 | -4.391e+04 | -7.97e-04 | 0.0 | 92.1 | 5.344e+04 | -5544.11 | 492.32 | 5602.02 | 483.48 | 7.734e+05 |
| 9 | 466 | 1.150e+06 | 5509.18 | 0.04 | -906.45 | 0.0 | 5.141e+04 | -4486.11 | 419.93 | -2878.98 | -3.375e+04 | 1.150e+06 |
| | | 8.348e+05 | -3.375e+04 | 1.49e-04 | 0.0 | 92.1 | 5.141e+04 | -5392.56 | 419.93 | -2878.98 | 5509.18 | 8.348e+05 |
| 10 | 26 | 1.278e+06 | 5058.95 | 0.04 | -906.45 | 0.0 | 5.848e+04 | -5268.81 | -118.03 | 2.348e+04 | 5058.95 | 1.278e+06 |
| | | 9.052e+05 | -5809.30 | -3.87e-04 | 0.0 | 92.1 | 5.848e+04 | -6175.25 | -118.03 | 2.348e+04 | -5809.30 | 9.052e+05 |
| 10 | 106 | 1.168e+06 | 6995.93 | 0.04 | -906.45 | 0.0 | 6.138e+04 | -5270.32 | -127.04 | 1.953e+04 | 6995.93 | 1.168e+06 |
| | | 7.942e+05 | -4702.09 | -2.52e-04 | 0.0 | 92.1 | 6.138e+04 | -6176.77 | -127.04 | 1.953e+04 | -4702.09 | 7.942e+05 |
| 10 | 163 | 4.015e+06 | 4.775e+04 | 0.14 | -1223.70 | 0.0 | 1.473e+05 | -1.841e+04 | -605.18 | 1.312e+05 | 4.775e+04 | 4.015e+06 |
| | | 2.772e+06 | -7972.63 | -8.80e-04 | 0.0 | 92.1 | 1.473e+05 | -1.963e+04 | -605.18 | 1.312e+05 | -7972.63 | 2.772e+06 |
| 10 | 170 | 4.271e+06 | 3.237e+04 | 0.15 | -906.45 | 0.0 | 1.477e+05 | -2.017e+04 | -522.69 | 2.314e+05 | 3.237e+04 | 4.271e+06 |
| | | 2.922e+06 | -1.576e+04 | -1.21e-03 | 0.0 | 92.1 | 1.477e+05 | -2.108e+04 | -522.69 | 2.314e+05 | -1.576e+04 | 2.922e+06 |
| 10 | 171 | 4.699e+06 | 4.132e+04 | 0.16 | -1223.70 | 0.0 | 1.666e+05 | -2.196e+04 | -605.82 | 2.209e+05 | 4.132e+04 | 4.699e+06 |
| | | 3.222e+06 | -1.447e+04 | -1.16e-03 | 0.0 | 92.1 | 1.666e+05 | -2.318e+04 | -605.82 | 2.209e+05 | -1.447e+04 | 3.222e+06 |
| 10 | 273 | 1.259e+06 | 8289.04 | 0.04 | -906.45 | 0.0 | 5.722e+04 | -5194.00 | -129.92 | 1.202e+04 | 8289.04 | 1.259e+06 |
| | | 8.902e+05 | -3674.29 | -3.00e-04 | 0.0 | 92.1 | 5.722e+04 | -6100.44 | -129.92 | 1.202e+04 | -3674.29 | 8.902e+05 |
| 10 | 313 | 1.178e+06 | 9727.39 | 0.04 | -906.45 | 0.0 | 5.937e+04 | -5195.12 | -136.61 | 9077.55 | 9727.39 | 1.178e+06 |
| | | 8.079e+05 | -2852.11 | -2.00e-04 | 0.0 | 92.1 | 5.937e+04 | -6101.57 | -136.61 | 9077.55 | -2852.11 | 8.079e+05 |
| 10 | 342 | 2.954e+06 | 3.501e+04 | 0.10 | -906.45 | 0.0 | 1.082e+05 | -1.355e+04 | -443.10 | 9.796e+04 | 3.501e+04 | 2.954e+06 |
| | | 2.039e+06 | -5790.68 | -6.41e-04 | 0.0 | 92.1 | 1.082e+05 | -1.446e+04 | -443.10 | 9.796e+04 | -5790.68 | 2.039e+06 |
| 10 | 345 | 3.476e+06 | 2.845e+04 | 0.12 | -906.45 | 0.0 | 1.233e+05 | -1.623e+04 | -429.05 | 1.661e+05 | 2.845e+04 | 3.476e+06 |
| | | 2.384e+06 | -1.106e+04 | -9.14e-04 | 0.0 | 92.1 | 1.233e+05 | -1.714e+04 | -429.05 | 1.661e+05 | -1.106e+04 | 2.384e+06 |
| 10 | 346 | 3.478e+06 | 3.071e+04 | 0.12 | -906.45 | 0.0 | 1.233e+05 | -1.625e+04 | -448.86 | 1.640e+05 | 3.071e+04 | 3.478e+06 |
| | | 2.385e+06 | -1.062e+04 | -8.50e-04 | 0.0 | 92.1 | 1.233e+05 | -1.715e+04 | -448.86 | 1.640e+05 | -1.062e+04 | 2.385e+06 |
| 10 | 391 | 1.128e+06 | 1.604e+04 | 0.04 | -906.45 | 0.0 | 5.068e+04 | -4550.73 | -165.48 | -1.260e+04 | 1.604e+04 | 1.128e+06 |
| | | 8.017e+05 | 805.12 | -8.86e-05 | 0.0 | 92.1 | 5.068e+04 | -5457.18 | -165.48 | -1.260e+04 | 805.12 | 8.017e+05 |
| 10 | 393 | 1.128e+06 | 1.396e+04 | 0.04 | -906.45 | 0.0 | 5.069e+04 | -4548.01 | -157.53 | -1.159e+04 | 1.396e+04 | 1.128e+06 |
| | | 8.016e+05 | -550.62 | -2.00e-04 | 0.0 | 92.1 | 5.069e+04 | -5454.45 | -157.53 | -1.159e+04 | -550.62 | 8.016e+05 |
| 10 | 402 | 2.765e+06 | 3.117e+04 | 0.10 | -906.45 | 0.0 | 9.960e+04 | -1.274e+04 | -386.91 | 1.005e+05 | 3.117e+04 | 2.765e+06 |
| | | 1.902e+06 | -4457.05 | -5.50e-04 | 0.0 | 92.1 | 9.960e+04 | -1.365e+04 | -386.91 | 1.005e+05 | -4457.05 | 1.902e+06 |
| 10 | 407 | 1.128e+06 | 1.604e+04 | 0.04 | -906.45 | 0.0 | 5.068e+04 | -4550.73 | -165.48 | -1.260e+04 | 1.604e+04 | 1.128e+06 |
| | | 8.017e+05 | 805.12 | -8.86e-05 | 0.0 | 92.1 | 5.068e+04 | -5457.18 | -165.48 | -1.260e+04 | 805.12 | 8.017e+05 |
| 10 | 409 | 1.208e+06 | 1.277e+04 | 0.04 | -906.45 | 0.0 | 4.832e+04 | -4698.72 | -159.42 | -7175.80 | 1.277e+04 | 1.208e+06 |
| | | 8.716e+05 | -2408.91 | -4.03e-04 | 0.0 | 92.1 | 4.832e+04 | -5605.17 | -159.42 | -7175.80 | -2408.91 | 8.716e+05 |
| 10 | 410 | 1.049e+06 | 1.932e+04 | 0.04 | -906.45 | 0.0 | 5.304e+04 | -4402.75 | -171.53 | -1.802e+04 | 1.932e+04 | 1.049e+06 |
| | | 7.318e+05 | 4019.16 | 2.43e-04 | 0.0 | 92.1 | 5.304e+04 | -5309.19 | -171.53 | -1.802e+04 | 4019.16 | 7.318e+05 |
| 10 | 412 | 1.215e+06 | 2.043e+04 | 0.04 | -906.45 | 0.0 | 4.840e+04 | -4746.78 | -200.37 | -1.341e+04 | 2.043e+04 | 1.215e+06 |
| | | 8.793e+05 | 1986.86 | 2.50e-04 | 0.0 | 92.1 | 4.840e+04 | -5653.22 | -200.37 | -1.341e+04 | 1986.86 | 8.793e+05 |
| 10 | 415 | 1.041e+06 | 1.166e+04 | 0.03 | -906.45 | 0.0 | 5.296e+04 | -4354.69 | -130.58 | -1.179e+04 | 1.166e+04 | 1.041e+06 |
| | | 7.241e+05 | -376.61 | -4.09e-04 | 0.0 | 92.1 | 5.296e+04 | -5261.14 | -130.58 | -1.179e+04 | -376.61 | 7.241e+05 |
| 10 | 424 | 1.142e+06 | 3.063e+04 | 0.04 | -906.45 | 0.0 | 5.119e+04 | -4692.33 | -246.41 | -2.650e+04 | 3.063e+04 | 1.142e+06 |
| | | 8.100e+05 | 9342.27 | 1.05e-03 | 0.0 | 92.1 | 5.119e+04 | -5598.77 | -246.41 | -2.650e+04 | 9342.27 | 8.100e+05 |
| 10 | 429 | 1.160e+06 | 1574.21 | 0.04 | -906.45 | 0.0 | 4.897e+04 | -4513.93 | -93.58 | 1941.76 | 1574.21 | 1.160e+06 |
| | | 8.330e+05 | -8194.77 | -1.20e-03 | 0.0 | 92.1 | 4.897e+04 | -5420.38 | -93.58 | 1941.76 | -8194.77 | 8.330e+05 |
| 10 | 440 | 1.176e+06 | 1.832e+04 | 0.04 | -906.45 | 0.0 | 4.987e+04 | -4654.94 | -184.18 | -1.325e+04 | 1.832e+04 | 1.176e+06 |
| | | 8.453e+05 | 1355.97 | 6.18e-05 | 0.0 | 92.1 | 4.987e+04 | -5561.38 | -184.18 | -1.325e+04 | 1355.97 | 8.453e+05 |
| 10 | 441 | 1.158e+06 | 1.477e+04 | 0.04 | -906.45 | 0.0 | 4.943e+04 | -4625.11 | -163.45 | -1.079e+04 | 1.477e+04 | 1.158e+06 |
| | | 8.252e+05 | -343.86 | -2.06e-04 | 0.0 | 92.1 | 4.943e+04 | -5531.55 | -163.45 | -1.079e+04 | -343.86 | 8.252e+05 |
| 10 | 442 | 1.098e+06 | 1.731e+04 | 0.04 | -906.45 | 0.0 | 5.193e+04 | -4476.36 | -167.51 | -1.440e+04 | 1.731e+04 | 1.098e+06 |
| | | 7.782e+05 | 1954.11 | 4.63e-05 | 0.0 | 92.1 | 5.193e+04 | -5382.81 | -167.51 | -1.440e+04 | 1954.11 | 7.782e+05 |
| 10 | 443 | 1.081e+06 | 1.377e+04 | 0.04 | -906.45 | 0.0 | 5.149e+04 | -4446.53 | -146.77 | -1.195e+04 | 1.377e+04 | 1.081e+06 |
| | | 7.582e+05 | 254.27 | -2.21e-04 | 0.0 | 92.1 | 5.149e+04 | -5352.98 | -146.77 | -1.195e+04 | 254.27 | 7.582e+05 |
| 10 | 456 | 1.170e+06 | 2.210e+04 | 0.04 | -906.45 | 0.0 | 5.110e+04 | -4627.24 | -202.54 | -1.651e+04 | 2.210e+04 | 1.170e+06 |
| | | 8.452e+05 | 3548.47 | 3.68e-04 | 0.0 | 92.1 | 5.110e+04 | -5533.68 | -202.54 | -1.651e+04 | 3548.47 | 8.452e+05 |
| 10 | 469 | 1.123e+06 | 1.037e+04 | 0.04 | -906.45 | 0.0 | 5.079e+04 | -4542.47 | -137.45 | -9201.40 | 1.037e+04 | 1.123e+06 |
| | | 7.932e+05 | -2282.50 | -5.97e-04 | 0.0 | 92.1 | 5.079e+04 | -5448.92 | -137.45 | -9201.40 | -2282.50 | 7.932e+05 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|----------|------|-----------|------------|---------|-----------|------------|-----------|
| 11 | 28 | 1.325e+06 | -4939.85 | 0.04 | -906.45 | 0.0 | 6.118e+04 | -5293.76 | 313.68 | 4.202e+04 | -3.382e+04 | 1.325e+06 |
| | | 9.554e+05 | -3.382e+04 | -1.20e-04 | 0.0 | 92.1 | 6.118e+04 | -6200.20 | 313.68 | 4.202e+04 | -4939.85 | 9.554e+05 |
| 11 | 108 | 1.213e+06 | -4709.24 | 0.04 | -906.45 | 0.0 | 6.441e+04 | -5314.69 | 295.60 | 3.835e+04 | -3.193e+04 | 1.213e+06 |
| | | 8.423e+05 | -3.193e+04 | 1.02e-04 | 0.0 | 92.1 | 6.441e+04 | -6221.14 | 295.60 | 3.835e+04 | -4709.24 | 8.423e+05 |
| 11 | 169 | 4.999e+06 | -3.277e+04 | 0.18 | -1223.70 | 0.0 | 1.811e+05 | -2.337e+04 | 1860.57 | 1.998e+05 | -2.041e+05 | 4.999e+06 |
| | | 3.457e+06 | -2.041e+05 | -9.09e-04 | 0.0 | 92.1 | 1.811e+05 | -2.460e+04 | 1860.57 | 1.998e+05 | -3.277e+04 | 3.457e+06 |
| 11 | 204 | 1.503e+06 | -2851.62 | 0.05 | -906.45 | 0.0 | 7.710e+04 | -6531.33 | 396.72 | 4.237e+04 | -3.938e+04 | 1.503e+06 |
| | | 1.053e+06 | -3.938e+04 | 8.18e-05 | 0.0 | 92.1 | 7.710e+04 | -7437.78 | 396.72 | 4.237e+04 | -2851.62 | 1.053e+06 |
| 11 | 274 | 1.294e+06 | -3970.24 | 0.04 | -906.45 | 0.0 | 5.922e+04 | -5211.88 | 272.96 | 3.626e+04 | -2.911e+04 | 1.294e+06 |
| | | 9.274e+05 | -2.911e+04 | 6.92e-05 | 0.0 | 92.1 | 5.922e+04 | -6118.33 | 272.96 | 3.626e+04 | -3970.24 | 9.274e+05 |
| 11 | 314 | 1.211e+06 | -3799.00 | 0.04 | -906.45 | 0.0 | 6.162e+04 | -5227.43 | 259.54 | 3.353e+04 | -2.770e+04 | 1.211e+06 |
| | | 8.435e+05 | -2.770e+04 | 1.07e-04 | 0.0 | 92.1 | 6.162e+04 | -6133.87 | 259.54 | 3.353e+04 | -3799.00 | 8.435e+05 |
| 11 | 345 | 3.700e+06 | -2.405e+04 | 0.13 | -906.45 | 0.0 | 1.340e+05 | -1.730e+04 | 1376.46 | 1.474e+05 | -1.508e+05 | 3.700e+06 |
| | | 2.559e+06 | -1.508e+05 | -6.58e-04 | 0.0 | 92.1 | 1.340e+05 | -1.820e+04 | 1376.46 | 1.474e+05 | -2.405e+04 | 2.559e+06 |
| 11 | 362 | 1.405e+06 | -2429.58 | 0.05 | -906.45 | 0.0 | 7.007e+04 | -6038.81 | 327.97 | 3.622e+04 | -3.263e+04 | 1.405e+06 |
| | | 9.842e+05 | -3.263e+04 | 8.73e-05 | 0.0 | 92.1 | 7.007e+04 | -6945.26 | 327.97 | 3.622e+04 | -2429.58 | 9.842e+05 |
| 11 | 391 | 1.128e+06 | -793.52 | 0.04 | -906.45 | 0.0 | 5.068e+04 | -4550.86 | 165.31 | 1.254e+04 | -1.602e+04 | 1.128e+06 |
| | | 8.017e+05 | -1.602e+04 | 8.85e-05 | 0.0 | 92.1 | 5.068e+04 | -5457.31 | 165.31 | 1.254e+04 | -793.52 | 8.017e+05 |
| 11 | 392 | 1.128e+06 | -796.56 | 0.04 | -906.45 | 0.0 | 5.069e+04 | -4550.87 | 165.20 | 1.254e+04 | -1.601e+04 | 1.128e+06 |
| | | 8.016e+05 | -1.601e+04 | 8.87e-05 | 0.0 | 92.1 | 5.069e+04 | -5457.31 | 165.20 | 1.254e+04 | -796.56 | 8.016e+05 |
| 11 | 393 | 1.129e+06 | -2149.25 | 0.04 | -906.45 | 0.0 | 5.068e+04 | -4553.59 | 173.26 | 1.355e+04 | -1.810e+04 | 1.129e+06 |
| | | 8.019e+05 | -1.810e+04 | -4.05e-05 | 0.0 | 92.1 | 5.068e+04 | -5460.03 | 173.26 | 1.355e+04 | -2149.25 | 8.019e+05 |
| 11 | 402 | 2.901e+06 | -1.519e+04 | 0.10 | -906.45 | 0.0 | 1.059e+05 | -1.352e+04 | 959.38 | 9.102e+04 | -1.035e+05 | 2.901e+06 |
| | | 2.000e+06 | -1.035e+05 | -3.07e-04 | 0.0 | 92.1 | 1.059e+05 | -1.442e+04 | 959.38 | 9.102e+04 | -1.519e+04 | 2.000e+06 |
| 11 | 407 | 1.128e+06 | -793.52 | 0.04 | -906.45 | 0.0 | 5.068e+04 | -4550.86 | 165.31 | 1.254e+04 | -1.602e+04 | 1.128e+06 |
| | | 8.017e+05 | -1.602e+04 | 8.85e-05 | 0.0 | 92.1 | 5.068e+04 | -5457.31 | 165.31 | 1.254e+04 | -793.52 | 8.017e+05 |
| 11 | 416 | 1.208e+06 | 2421.41 | 0.04 | -906.45 | 0.0 | 4.833e+04 | -4697.97 | 159.92 | 7128.52 | -1.279e+04 | 1.208e+06 |
| | | 8.717e+05 | -1.279e+04 | 4.05e-04 | 0.0 | 92.1 | 4.833e+04 | -5604.42 | 159.92 | 7128.52 | 2421.41 | 8.717e+05 |
| 11 | 419 | 1.048e+06 | -4008.45 | 0.04 | -906.45 | 0.0 | 5.303e+04 | -4403.75 | 170.71 | 1.795e+04 | -1.925e+04 | 1.048e+06 |
| | | 7.317e+05 | -1.925e+04 | -2.46e-04 | 0.0 | 92.1 | 5.303e+04 | -5310.20 | 170.71 | 1.795e+04 | -4008.45 | 7.317e+05 |
| 11 | 421 | 1.215e+06 | -1955.44 | 0.04 | -906.45 | 0.0 | 4.842e+04 | -4747.41 | 200.76 | 1.341e+04 | -2.046e+04 | 1.215e+06 |
| | | 8.794e+05 | -2.046e+04 | -2.47e-04 | 0.0 | 92.1 | 4.842e+04 | -5653.86 | 200.76 | 1.341e+04 | -1955.44 | 8.794e+05 |
| 11 | 422 | 1.041e+06 | 368.40 | 0.03 | -906.45 | 0.0 | 5.295e+04 | -4354.32 | 129.87 | 1.167e+04 | -1.157e+04 | 1.041e+06 |
| | | 7.240e+05 | -1.157e+04 | 4.06e-04 | 0.0 | 92.1 | 5.295e+04 | -5260.76 | 129.87 | 1.167e+04 | 368.40 | 7.240e+05 |
| 11 | 424 | 1.162e+06 | 8165.48 | 0.04 | -906.45 | 0.0 | 4.900e+04 | -4510.20 | 92.75 | -2085.76 | -1513.27 | 1.162e+06 |
| | | 8.333e+05 | -1513.27 | 1.20e-03 | 0.0 | 92.1 | 4.900e+04 | -5416.65 | 92.75 | -2085.76 | 8165.48 | 8.333e+05 |
| 11 | 429 | 1.140e+06 | -9295.58 | 0.04 | -906.45 | 0.0 | 5.116e+04 | -4696.30 | 246.94 | 2.657e+04 | -3.067e+04 | 1.140e+06 |
| | | 8.097e+05 | -3.067e+04 | -1.05e-03 | 0.0 | 92.1 | 5.116e+04 | -5602.74 | 246.94 | 2.657e+04 | -9295.58 | 8.097e+05 |
| 11 | 448 | 1.158e+06 | 399.06 | 0.04 | -906.45 | 0.0 | 4.941e+04 | -4627.35 | 163.30 | 1.054e+04 | -1.478e+04 | 1.158e+06 |
| | | 8.246e+05 | -1.478e+04 | 2.07e-04 | 0.0 | 92.1 | 4.941e+04 | -5533.79 | 163.30 | 1.054e+04 | 399.06 | 8.246e+05 |
| 11 | 449 | 1.177e+06 | -1377.69 | 0.04 | -906.45 | 0.0 | 4.990e+04 | -4653.21 | 184.79 | 1.343e+04 | -1.832e+04 | 1.177e+06 |
| | | 8.458e+05 | -1.832e+04 | -6.01e-05 | 0.0 | 92.1 | 4.990e+04 | -5559.66 | 184.79 | 1.343e+04 | -1377.69 | 8.458e+05 |
| 11 | 451 | 1.099e+06 | -1986.10 | 0.04 | -906.45 | 0.0 | 5.196e+04 | -4474.38 | 167.33 | 1.454e+04 | -1.725e+04 | 1.099e+06 |
| | | 7.788e+05 | -1.725e+04 | -4.76e-05 | 0.0 | 92.1 | 5.196e+04 | -5380.82 | 167.33 | 1.454e+04 | -1986.10 | 7.788e+05 |
| 11 | 456 | 1.107e+06 | 2304.49 | 0.03 | -906.45 | 0.0 | 4.957e+04 | -4534.47 | 131.40 | 7594.81 | -1.004e+04 | 1.107e+06 |
| | | 7.763e+05 | -1.004e+04 | 5.22e-04 | 0.0 | 92.1 | 4.957e+04 | -5440.92 | 131.40 | 7594.81 | 2304.49 | 7.763e+05 |
| 11 | 461 | 1.173e+06 | -3663.52 | 0.04 | -906.45 | 0.0 | 5.118e+04 | -4620.79 | 203.75 | 1.718e+04 | -2.207e+04 | 1.173e+06 |
| | | 8.471e+05 | -2.207e+04 | -3.67e-04 | 0.0 | 92.1 | 5.118e+04 | -5527.24 | 203.75 | 1.718e+04 | -3663.52 | 8.471e+05 |
| 11 | 462 | 1.084e+06 | 2076.48 | 0.03 | -906.45 | 0.0 | 5.019e+04 | -4480.93 | 126.88 | 7897.65 | -9963.58 | 1.084e+06 |
| | | 7.563e+05 | -9963.58 | 5.26e-04 | 0.0 | 92.1 | 5.019e+04 | -5387.38 | 126.88 | 7897.65 | 2076.48 | 7.563e+05 |
| 12 | 36 | 1.404e+06 | 2.418e+04 | 0.05 | -906.45 | 0.0 | 6.410e+04 | -5778.90 | -323.79 | 2.289e+04 | 2.418e+04 | 1.404e+06 |
| | | 1.003e+06 | -5638.38 | 6.81e-05 | 0.0 | 92.1 | 6.410e+04 | -6685.34 | -323.79 | 2.289e+04 | -5638.38 | 1.003e+06 |
| 12 | 169 | 5.445e+06 | 3.602e+04 | 0.19 | -1223.70 | 0.0 | 1.977e+05 | -2.617e+04 | -600.95 | 2.160e+05 | 3.602e+04 | 5.445e+06 |
| | | 3.730e+06 | -1.295e+04 | 1.81e-04 | 138.40 | 92.1 | 1.977e+05 | -2.740e+04 | -462.55 | 2.160e+05 | -1.295e+04 | 3.730e+06 |
| 12 | 201 | 2.012e+06 | 6.547e+04 | 0.07 | -1223.70 | 0.0 | 1.008e+05 | -8809.47 | -860.15 | 1.530e+04 | 6.547e+04 | 2.012e+06 |
| | | 1.406e+06 | -7362.63 | 4.01e-04 | 138.40 | 92.1 | 1.008e+05 | -1.003e+04 | -721.75 | 1.530e+04 | -7362.63 | 1.406e+06 |
| 12 | 208 | 1.281e+06 | 3.221e+04 | 0.04 | -906.45 | 0.0 | 6.771e+04 | -5790.50 | -381.81 | 1.517e+04 | 3.221e+04 | 1.281e+06 |
| | | 8.773e+05 | -2944.81 | 2.47e-04 | 0.0 | 92.1 | 6.771e+04 | -6696.95 | -381.81 | 1.517e+04 | -2944.81 | 8.773e+05 |
| 12 | 278 | 1.357e+06 | 3.220e+04 | 0.05 | -906.45 | 0.0 | 6.208e+04 | -5535.62 | -410.41 | 1.810e+04 | 3.220e+04 | 1.357e+06 |
| | | 9.737e+05 | -5596.11 | 1.89e-04 | 0.0 | 92.1 | 6.208e+04 | -6442.07 | -410.41 | 1.810e+04 | -5596.11 | 9.737e+05 |
| 12 | 345 | 4.029e+06 | 2.588e+04 | 0.14 | -906.45 | 0.0 | 1.463e+05 | -1.938e+04 | -427.56 | 1.598e+05 | 2.588e+04 | 4.029e+06 |
| | | 2.760e+06 | -9247.29 | 1.45e-04 | 92.27 | 92.1 | 1.463e+05 | -2.029e+04 | -335.30 | 1.598e+05 | -9247.29 | 2.760e+06 |
| 12 | 361 | 1.465e+06 | 4.695e+04 | 0.05 | -906.45 | 0.0 | 7.357e+04 | -6421.38 | -610.98 | 1.128e+04 | 4.695e+04 | 1.465e+06 |
| | | 1.023e+06 | -5062.30 | 3.02e-04 | 92.27 | 92.1 | 7.357e+04 | -7327.82 | -518.71 | 1.128e+04 | -5062.30 | 1.023e+06 |
| 12 | 364 | 1.265e+06 | 3.807e+04 | 0.04 | -906.45 | 0.0 | 6.475e+04 | -5544.62 | -453.01 | 1.244e+04 | 3.807e+04 | 1.265e+06 |
| | | 8.804e+05 | -3647.83 | 3.16e-04 | 0.0 | 92.1 | 6.475e+04 | -6451.07 | -453.01 | 1.244e+04 | -3647.83 | 8.804e+05 |
| 12 | 392 | 1.141e+06 | 3.838e+04 | 0.04 | -906.45 | 0.0 | 5.200e+04 | -4574.84 | -447.83 | -177.75 | 3.838e+04 | 1.141e+06 |
| | | 8.216e+05 | -2858.72 | 3.62e-04 | 0.0 | 92.1 | 5.200e+04 | -5481.28 | -447.83 | -177.75 | -2858.72 | 8.216e+05 |
| 12 | 393 | 1.143e+06 | 3.689e+04 | 0.04 | -906.45 | 0.0 | 5.184e+04 | -4563.52 | -444.44 | 494.74 | 3.689e+04 | 1.143e+06 |
| | | 8.230e+05 | -4035.14 | 2.45e-04 | 0.0 | 92.1 | 5.184e+04 | -5469.96 | -444.44 | 494.74 | -4035.14 | 8.230e+05 |
| 12 | 402 | 3.106e+06 | 3.217e+04 | 0.11 | -906.45 | 0.0 | 1.139e+05 | -1.481e+04 | -404.58 | 1.038e+05 | 3.217e+04 | 3.106e+06 |
| | | 2.131e+06 | -5080.80 | 3.41e-04 | 0.0 | 92.1 | 1.139e+05 | -1.572e+04 | -404.58 | 1.038e+05 | -5080.80 | 2.131e+06 |
| 12 | 404 | 1.268e+06 | 3.851e+04 | 0.04 | -906.45 | 0.0 | 6.499e+04 | -5572.47 | -448.06 | 1.263e+04 | 3.851e+04 | 1.268e+06 |
| | | 8.817e+05 | -2750.05 | 3.83e-04 | 0.0 | 92.1 | 6.499e+04 | -6478.92 | -448.06 | 1.263e+04 | -2750.05 | 8.817e+05 |
| 12 | 407 | 1.141e+06 | 3.837e+04 | 0.04 | -906.45 | 0.0 | 5.200e+04 | -4574.85 | -447.72 | -172.57 | 3.837e+04 | 1.141e+06 |
| | | 8.217e+05 | -2855.65 | 3.62e-04 | 0.0 | 92.1 | 5.200e+04 | -5481.29 | -447.72 | -172.57 | -2855.65 | 8.217e+05 |
| 12 | 421 | 1.233e+06 | 3.377e+04 | 0.04 | -906.45 | 0.0 | 4.940e+04 | -4737.53 | -410.06 | 3640.21 | 3.377e+04 | 1.233e+06 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|----------|------|-----------|------------|---------|------------|------------|-----------|
| | | 9.042e+05 | -4052.58 | -7.66e-05 | 0.0 | 92.1 | 4.940e+04 | -5643.98 | -410.06 | 3640.21 | -4052.58 | 9.042e+05 |
| 12 | 422 | 1.049e+06 | 4.297e+04 | 0.03 | -906.45 | 0.0 | 5.459e+04 | -4412.16 | -485.38 | -3985.35 | 4.297e+04 | 1.049e+06 |
| | | 7.392e+05 | -1658.73 | 7.10e-04 | 0.0 | 92.1 | 5.459e+04 | -5318.61 | -485.38 | -3985.35 | -1658.73 | 7.392e+05 |
| 12 | 428 | 1.195e+06 | 5.077e+04 | 0.04 | -906.45 | 0.0 | 4.765e+04 | -4883.21 | -499.94 | -1.251e+04 | 5.077e+04 | 1.195e+06 |
| | | 8.795e+05 | 5385.60 | 1.45e-03 | 0.0 | 92.1 | 4.765e+04 | -5789.66 | -499.94 | -1.251e+04 | 5385.60 | 8.795e+05 |
| 12 | 430 | 1.147e+06 | 5.177e+04 | 0.04 | -906.45 | 0.0 | 4.890e+04 | -4769.09 | -511.79 | -1.364e+04 | 5.177e+04 | 1.147e+06 |
| | | 8.381e+05 | 5187.87 | 1.47e-03 | 0.0 | 92.1 | 4.890e+04 | -5675.53 | -511.79 | -1.364e+04 | 5187.87 | 8.381e+05 |
| 12 | 431 | 1.087e+06 | 2.597e+04 | 0.04 | -906.45 | 0.0 | 5.634e+04 | -4266.49 | -395.49 | 1.216e+04 | 2.597e+04 | 1.087e+06 |
| | | 7.639e+05 | -1.110e+04 | -7.23e-04 | 0.0 | 92.1 | 5.634e+04 | -5172.93 | -395.49 | 1.216e+04 | -1.110e+04 | 7.639e+05 |
| 12 | 461 | 1.194e+06 | 3.355e+04 | 0.04 | -906.45 | 0.0 | 5.046e+04 | -4551.33 | -414.98 | 4327.13 | 3.355e+04 | 1.194e+06 |
| | | 8.756e+05 | -5609.15 | -1.10e-04 | 0.0 | 92.1 | 5.046e+04 | -5457.77 | -414.98 | 4327.13 | -5609.15 | 8.756e+05 |
| 12 | 462 | 1.088e+06 | 4.319e+04 | 0.03 | -906.45 | 0.0 | 5.353e+04 | -4598.37 | -480.46 | -4672.27 | 4.319e+04 | 1.088e+06 |
| | | 7.678e+05 | -102.15 | 7.95e-04 | 0.0 | 92.1 | 5.353e+04 | -5504.81 | -480.46 | -4672.27 | -102.15 | 7.678e+05 |
| 12 | 463 | 1.170e+06 | 3.405e+04 | 0.04 | -906.45 | 0.0 | 5.109e+04 | -4493.09 | -420.94 | 3762.80 | 3.405e+04 | 1.170e+06 |
| | | 8.547e+05 | -5708.19 | -1.05e-04 | 0.0 | 92.1 | 5.109e+04 | -5399.53 | -420.94 | 3762.80 | -5708.19 | 8.547e+05 |
| 12 | 470 | 1.108e+06 | 4.349e+04 | 0.04 | -906.45 | 0.0 | 5.317e+04 | -4591.02 | -480.30 | -3648.30 | 4.349e+04 | 1.108e+06 |
| | | 7.889e+05 | -380.36 | 8.75e-04 | 0.0 | 92.1 | 5.317e+04 | -5497.47 | -480.30 | -3648.30 | -380.36 | 7.889e+05 |
| 13 | 36 | 1.396e+06 | 2.419e+04 | 0.05 | -906.45 | 0.0 | 6.427e+04 | -5776.56 | -325.23 | 2.287e+04 | 2.419e+04 | 1.396e+06 |
| | | 9.954e+05 | -5758.69 | 6.24e-05 | 0.0 | 92.1 | 6.427e+04 | -6683.01 | -325.23 | 2.287e+04 | -5758.69 | 9.954e+05 |
| 13 | 229 | 6.224e+06 | 2.197e+04 | 0.17 | -1223.70 | 0.0 | 2.159e+05 | -2.344e+04 | -572.93 | 1.706e+05 | 2.197e+04 | 6.224e+06 |
| | | 4.662e+06 | -2.441e+04 | 1.12e-04 | 138.40 | 92.1 | 2.159e+05 | -2.466e+04 | -434.53 | 1.706e+05 | -2.441e+04 | 4.662e+06 |
| 13 | 241 | 1.976e+06 | 6.594e+04 | 0.07 | -1223.70 | 0.0 | 1.017e+05 | -8802.28 | -868.35 | 1.482e+04 | 6.594e+04 | 1.976e+06 |
| | | 1.370e+06 | -7647.00 | 3.84e-04 | 138.40 | 92.1 | 1.017e+05 | -1.003e+04 | -729.94 | 1.482e+04 | -7647.00 | 1.370e+06 |
| 13 | 260 | 1.244e+06 | 3.222e+04 | 0.04 | -906.45 | 0.0 | 6.870e+04 | -5793.56 | -386.44 | 1.504e+04 | 3.222e+04 | 1.244e+06 |
| | | 8.400e+05 | -3366.62 | 2.03e-04 | 0.0 | 92.1 | 6.870e+04 | -6700.00 | -386.44 | 1.504e+04 | -3366.62 | 8.400e+05 |
| 13 | 278 | 1.351e+06 | 3.220e+04 | 0.04 | -906.45 | 0.0 | 6.219e+04 | -5534.03 | -411.38 | 1.810e+04 | 3.220e+04 | 1.351e+06 |
| | | 9.684e+05 | -5676.15 | 1.85e-04 | 0.0 | 92.1 | 6.219e+04 | -6440.47 | -411.38 | 1.810e+04 | -5676.15 | 9.684e+05 |
| 13 | 375 | 4.608e+06 | 1.547e+04 | 0.12 | -906.45 | 0.0 | 1.598e+05 | -1.735e+04 | -406.67 | 1.261e+05 | 1.547e+04 | 4.608e+06 |
| | | 3.451e+06 | -1.773e+04 | 9.26e-05 | 92.27 | 92.1 | 1.598e+05 | -1.826e+04 | -314.40 | 1.261e+05 | -1.773e+04 | 3.451e+06 |
| 13 | 381 | 1.439e+06 | 4.730e+04 | 0.05 | -906.45 | 0.0 | 7.419e+04 | -6416.28 | -616.92 | 1.093e+04 | 4.730e+04 | 1.439e+06 |
| | | 9.972e+05 | -5260.92 | 2.90e-04 | 92.27 | 92.1 | 7.419e+04 | -7322.73 | -524.65 | 1.093e+04 | -5260.92 | 9.972e+05 |
| 13 | 390 | 1.239e+06 | 3.811e+04 | 0.04 | -906.45 | 0.0 | 6.547e+04 | -5546.27 | -456.63 | 1.232e+04 | 3.811e+04 | 1.239e+06 |
| | | 8.533e+05 | -3940.24 | 2.86e-04 | 0.0 | 92.1 | 6.547e+04 | -6452.71 | -456.63 | 1.232e+04 | -3940.24 | 8.533e+05 |
| 13 | 392 | 1.132e+06 | 3.855e+04 | 0.04 | -906.45 | 0.0 | 5.220e+04 | -4573.65 | -450.06 | -339.54 | 3.855e+04 | 1.132e+06 |
| | | 8.133e+05 | -2888.99 | 3.62e-04 | 0.0 | 92.1 | 5.220e+04 | -5480.09 | -450.06 | -339.54 | -2888.99 | 8.133e+05 |
| 13 | 393 | 1.143e+06 | 3.677e+04 | 0.04 | -906.45 | 0.0 | 5.183e+04 | -4562.25 | -443.98 | 626.24 | 3.677e+04 | 1.143e+06 |
| | | 8.227e+05 | -4112.36 | 2.40e-04 | 0.0 | 92.1 | 5.183e+04 | -5468.70 | -443.98 | 626.24 | -4112.36 | 8.227e+05 |
| 13 | 405 | 3.545e+06 | 2.434e+04 | 0.10 | -906.45 | 0.0 | 1.239e+05 | -1.330e+04 | -387.88 | 7.854e+04 | 2.434e+04 | 3.545e+06 |
| | | 2.655e+06 | -1.138e+04 | 3.02e-04 | 0.0 | 92.1 | 1.239e+05 | -1.420e+04 | -387.88 | 7.854e+04 | -1.138e+04 | 2.655e+06 |
| 13 | 406 | 1.249e+06 | 3.885e+04 | 0.04 | -906.45 | 0.0 | 6.546e+04 | -5569.43 | -452.75 | 1.228e+04 | 3.885e+04 | 1.249e+06 |
| | | 8.629e+05 | -2842.49 | 3.75e-04 | 0.0 | 92.1 | 6.546e+04 | -6475.88 | -452.75 | 1.228e+04 | -2842.49 | 8.629e+05 |
| 13 | 407 | 1.140e+06 | 3.838e+04 | 0.04 | -906.45 | 0.0 | 5.202e+04 | -4574.52 | -447.93 | -170.04 | 3.838e+04 | 1.140e+06 |
| | | 8.207e+05 | -2863.81 | 3.62e-04 | 0.0 | 92.1 | 5.202e+04 | -5480.97 | -447.93 | -170.04 | -2863.81 | 8.207e+05 |
| 13 | 417 | 1.381e+06 | 2.623e+04 | 0.05 | -906.45 | 0.0 | 3.968e+04 | -5177.05 | -325.36 | 1.258e+04 | 2.623e+04 | 1.381e+06 |
| | | 1.003e+06 | -3785.55 | -5.92e-04 | 0.0 | 92.1 | 3.968e+04 | -6083.49 | -325.36 | 1.258e+04 | -3785.55 | 1.003e+06 |
| 13 | 418 | 8.991e+05 | 5.054e+04 | 0.03 | -906.45 | 0.0 | 6.436e+04 | -3972.00 | -570.51 | -1.292e+04 | 5.054e+04 | 8.991e+05 |
| | | 6.381e+05 | -1942.06 | 1.32e-03 | 0.0 | 92.1 | 6.436e+04 | -4878.44 | -570.51 | -1.292e+04 | -1942.06 | 6.381e+05 |
| 13 | 427 | 1.148e+06 | 2.108e+04 | 0.04 | -906.45 | 0.0 | 4.678e+04 | -3699.45 | -330.31 | 2.882e+04 | 2.108e+04 | 1.148e+06 |
| | | 8.134e+05 | -9999.69 | -2.77e-03 | 0.0 | 92.1 | 4.678e+04 | -4605.90 | -330.31 | 2.882e+04 | -9999.69 | 8.134e+05 |
| 13 | 430 | 1.001e+06 | 5.936e+04 | 0.03 | -906.45 | 0.0 | 6.314e+04 | -4976.55 | -612.77 | -3.137e+04 | 5.936e+04 | 1.001e+06 |
| | | 7.266e+05 | 3545.97 | 3.51e-03 | 0.0 | 92.1 | 6.314e+04 | -5883.00 | -612.77 | -3.137e+04 | 3545.97 | 7.266e+05 |
| 13 | 449 | 1.257e+06 | 3.268e+04 | 0.04 | -906.45 | 0.0 | 4.641e+04 | -4934.00 | -394.97 | 2955.88 | 3.268e+04 | 1.257e+06 |
| | | 9.141e+05 | -3642.24 | 1.26e-04 | 0.0 | 92.1 | 4.641e+04 | -5840.45 | -394.97 | 2955.88 | -3642.24 | 9.141e+05 |
| 13 | 450 | 1.022e+06 | 4.408e+04 | 0.03 | -906.45 | 0.0 | 5.763e+04 | -4215.04 | -500.90 | -3295.95 | 4.408e+04 | 1.022e+06 |
| | | 7.273e+05 | -2085.37 | 5.98e-04 | 0.0 | 92.1 | 5.763e+04 | -5121.48 | -500.90 | -3295.95 | -2085.37 | 7.273e+05 |
| 13 | 459 | 1.124e+06 | 3.102e+04 | 0.04 | -906.45 | 0.0 | 5.143e+04 | -4311.04 | -417.43 | 3423.64 | 3.102e+04 | 1.124e+06 |
| | | 8.169e+05 | -7508.60 | -4.04e-04 | 0.0 | 92.1 | 5.143e+04 | -5217.49 | -417.43 | 3423.64 | -7508.60 | 8.169e+05 |
| 13 | 462 | 1.089e+06 | 4.758e+04 | 0.04 | -906.45 | 0.0 | 5.557e+04 | -4598.15 | -502.15 | -4877.29 | 4.758e+04 | 1.089e+06 |
| | | 7.726e+05 | 1415.11 | 1.13e-03 | 0.0 | 92.1 | 5.557e+04 | -5504.60 | -502.15 | -4877.29 | 1415.11 | 7.726e+05 |
| 14 | 28 | 1.317e+06 | -5018.54 | 0.04 | -906.45 | 0.0 | 6.140e+04 | -5294.27 | 313.54 | 4.212e+04 | -3.389e+04 | 1.317e+06 |
| | | 9.471e+05 | -3.389e+04 | -1.23e-04 | 0.0 | 92.1 | 6.140e+04 | -6200.71 | 313.54 | 4.212e+04 | -5018.54 | 9.471e+05 |
| 14 | 229 | 5.712e+06 | -1.038e+04 | 0.16 | -1223.70 | 0.0 | 1.986e+05 | -2.119e+04 | 2166.13 | 2.236e+05 | -2.098e+05 | 5.712e+06 |
| | | 4.291e+06 | -2.098e+05 | -1.03e-03 | 0.0 | 92.1 | 1.986e+05 | -2.241e+04 | 2166.13 | 2.236e+05 | -1.038e+04 | 4.291e+06 |
| 14 | 244 | 1.468e+06 | -3117.35 | 0.05 | -906.45 | 0.0 | 7.804e+04 | -6533.85 | 396.29 | 4.268e+04 | -3.961e+04 | 1.468e+06 |
| | | 1.017e+06 | -3.961e+04 | -9.69e-05 | 0.0 | 92.1 | 7.804e+04 | -7440.29 | 396.29 | 4.268e+04 | -3117.35 | 1.017e+06 |
| 14 | 260 | 1.181e+06 | -3462.77 | 0.04 | -906.45 | 0.0 | 6.531e+04 | -5329.54 | 316.93 | 3.942e+04 | -3.265e+04 | 1.181e+06 |
| | | 8.086e+05 | -3.265e+04 | -9.91e-05 | 0.0 | 92.1 | 6.531e+04 | -6235.98 | 316.93 | 3.942e+04 | -3462.77 | 8.086e+05 |
| 14 | 274 | 1.288e+06 | -4022.51 | 0.04 | -906.45 | 0.0 | 5.937e+04 | -5212.23 | 272.88 | 3.633e+04 | -2.915e+04 | 1.288e+06 |
| | | 9.218e+05 | -2.915e+04 | 6.87e-05 | 0.0 | 92.1 | 5.937e+04 | -6118.67 | 272.88 | 3.633e+04 | -4022.51 | 9.218e+05 |
| 14 | 375 | 4.229e+06 | -7459.48 | 0.12 | -906.45 | 0.0 | 1.469e+05 | -1.568e+04 | 1602.81 | 1.651e+05 | -1.551e+05 | 4.229e+06 |
| | | 3.178e+06 | -1.551e+05 | -7.46e-04 | 0.0 | 92.1 | 1.469e+05 | -1.658e+04 | 1602.81 | 1.651e+05 | -7459.48 | 3.178e+06 |
| 14 | 382 | 1.379e+06 | -2619.51 | 0.05 | -906.45 | 0.0 | 7.075e+04 | -6040.65 | 327.68 | 3.644e+04 | -3.279e+04 | 1.379e+06 |
| | | 9.584e+05 | -3.279e+04 | 8.35e-05 | 0.0 | 92.1 | 7.075e+04 | -6947.09 | 327.68 | 3.644e+04 | -2619.51 | 9.584e+05 |
| 14 | 390 | 1.188e+06 | -2849.92 | 0.04 | -906.45 | 0.0 | 6.227e+04 | -5237.78 | 274.77 | 3.427e+04 | -2.815e+04 | 1.188e+06 |
| | | 8.191e+05 | -2.815e+04 | 7.10e-05 | 0.0 | 92.1 | 6.227e+04 | -6144.22 | 274.77 | 3.427e+04 | -2849.92 | 8.191e+05 |
| 14 | 391 | 1.127e+06 | -803.27 | 0.04 | -906.45 | 0.0 | 5.071e+04 | -4550.90 | 165.34 | 1.257e+04 | -1.603e+04 | 1.127e+06 |
| | | 8.007e+05 | -1.603e+04 | 8.87e-05 | 0.0 | 92.1 | 5.071e+04 | -5457.34 | 165.34 | 1.257e+04 | -803.27 | 8.007e+05 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|----------|------|-----------|------------|---------|------------|------------|-----------|
| 14 | 392 | 1.120e+06 | -832.39 | 0.04 | -906.45 | 0.0 | 5.091e+04 | -4551.58 | 165.03 | 1.258e+04 | -1.603e+04 | 1.120e+06 |
| | | 7.934e+05 | -1.603e+04 | 8.87e-05 | 0.0 | 92.1 | 5.091e+04 | -5458.02 | 165.03 | 1.258e+04 | -832.39 | 7.934e+05 |
| 14 | 393 | 1.128e+06 | -2229.75 | 0.04 | -906.45 | 0.0 | 5.069e+04 | -4553.19 | 173.35 | 1.369e+04 | -1.819e+04 | 1.128e+06 |
| | | 8.011e+05 | -1.819e+04 | -4.43e-05 | 0.0 | 92.1 | 5.069e+04 | -5459.63 | 173.35 | 1.369e+04 | -2229.75 | 8.011e+05 |
| 14 | 405 | 3.303e+06 | -2680.21 | 0.09 | -906.45 | 0.0 | 1.154e+05 | -1.230e+04 | 1129.24 | 1.042e+05 | -1.067e+05 | 3.303e+06 |
| | | 2.469e+06 | -1.067e+05 | -3.70e-04 | 0.0 | 92.1 | 1.154e+05 | -1.321e+04 | 1129.24 | 1.042e+05 | -2680.21 | 2.469e+06 |
| 14 | 407 | 1.127e+06 | -803.27 | 0.04 | -906.45 | 0.0 | 5.071e+04 | -4550.90 | 165.34 | 1.257e+04 | -1.603e+04 | 1.127e+06 |
| | | 8.007e+05 | -1.603e+04 | 8.87e-05 | 0.0 | 92.1 | 5.071e+04 | -5457.34 | 165.34 | 1.257e+04 | -803.27 | 8.007e+05 |
| 14 | 417 | 1.347e+06 | -2348.70 | 0.04 | -906.45 | 0.0 | 4.017e+04 | -3829.44 | 227.37 | 1.903e+04 | -2.365e+04 | 1.347e+06 |
| | | 9.735e+05 | -2.365e+04 | -8.33e-04 | 0.0 | 92.1 | 4.017e+04 | -4735.89 | 227.37 | 1.903e+04 | -2348.70 | 9.735e+05 |
| 14 | 418 | 9.074e+05 | 742.16 | 0.03 | -906.45 | 0.0 | 6.125e+04 | -5272.35 | 103.32 | 6103.61 | -8410.03 | 9.074e+05 |
| | | 6.279e+05 | -8410.03 | 9.92e-04 | 0.0 | 92.1 | 6.125e+04 | -6178.79 | 103.32 | 6103.61 | 742.16 | 6.279e+05 |
| 14 | 422 | 9.091e+05 | -304.62 | 0.03 | -906.45 | 0.0 | 6.073e+04 | -5263.66 | 129.42 | 1.404e+04 | -1.181e+04 | 9.091e+05 |
| | | 6.271e+05 | -1.181e+04 | 3.03e-04 | 0.0 | 92.1 | 6.073e+04 | -6170.10 | 129.42 | 1.404e+04 | -304.62 | 6.271e+05 |
| 14 | 424 | 1.169e+06 | 8450.34 | 0.04 | -906.45 | 0.0 | 5.021e+04 | -4269.00 | 40.64 | -1.967e+04 | 4725.01 | 1.169e+06 |
| | | 8.307e+05 | 4725.01 | 3.25e-03 | 0.0 | 92.1 | 5.021e+04 | -5175.45 | 40.64 | -1.967e+04 | 8450.34 | 8.307e+05 |
| 14 | 429 | 1.214e+06 | -9244.88 | 0.04 | -906.45 | 0.0 | 4.535e+04 | -4390.13 | 302.72 | 4.313e+04 | -3.689e+04 | 1.214e+06 |
| | | 8.707e+05 | -3.689e+04 | -3.07e-03 | 0.0 | 92.1 | 4.535e+04 | -5296.57 | 302.72 | 4.313e+04 | -9244.88 | 8.707e+05 |
| 14 | 449 | 1.241e+06 | -1792.98 | 0.04 | -906.45 | 0.0 | 4.558e+04 | -4196.29 | 189.90 | 1.228e+04 | -1.948e+04 | 1.241e+06 |
| | | 8.910e+05 | -1.948e+04 | -1.37e-04 | 0.0 | 92.1 | 4.558e+04 | -5102.74 | 189.90 | 1.228e+04 | -1792.98 | 8.910e+05 |
| 14 | 450 | 1.014e+06 | 186.44 | 0.03 | -906.45 | 0.0 | 5.584e+04 | -4905.50 | 140.79 | 1.286e+04 | -1.258e+04 | 1.014e+06 |
| | | 7.104e+05 | -1.258e+04 | 2.96e-04 | 0.0 | 92.1 | 5.584e+04 | -5811.94 | 140.79 | 1.286e+04 | 186.44 | 7.104e+05 |
| 14 | 456 | 1.147e+06 | 4547.88 | 0.04 | -906.45 | 0.0 | 4.986e+04 | -4370.72 | 124.80 | 8139.61 | -6854.54 | 1.147e+06 |
| | | 8.098e+05 | -6854.54 | 8.63e-04 | 0.0 | 92.1 | 4.986e+04 | -5277.17 | 124.80 | 8139.61 | 4547.88 | 8.098e+05 |
| 14 | 461 | 1.174e+06 | -5748.49 | 0.04 | -906.45 | 0.0 | 4.861e+04 | -4506.62 | 212.27 | 1.615e+04 | -2.525e+04 | 1.174e+06 |
| | | 8.427e+05 | -2.525e+04 | -6.97e-04 | 0.0 | 92.1 | 4.861e+04 | -5413.06 | 212.27 | 1.615e+04 | -5748.49 | 8.427e+05 |
| 15 | 26 | 1.269e+06 | 4941.27 | 0.04 | -906.45 | 0.0 | 5.872e+04 | -5270.35 | -117.71 | 2.366e+04 | 4941.27 | 1.269e+06 |
| | | 8.963e+05 | -5898.01 | -3.93e-04 | 0.0 | 92.1 | 5.872e+04 | -6176.79 | -117.71 | 2.366e+04 | -5898.01 | 8.963e+05 |
| 15 | 223 | 4.459e+06 | 4.034e+04 | 0.13 | -1223.70 | 0.0 | 1.583e+05 | -1.713e+04 | -812.94 | 8.981e+04 | 4.034e+04 | 4.459e+06 |
| | | 3.284e+06 | -3.452e+04 | -4.68e-04 | 0.0 | 92.1 | 1.583e+05 | -1.835e+04 | -812.94 | 8.981e+04 | -3.452e+04 | 3.284e+06 |
| 15 | 230 | 4.870e+06 | 2.249e+04 | 0.13 | -906.45 | 0.0 | 1.622e+05 | -1.846e+04 | -800.61 | 1.761e+05 | 2.249e+04 | 4.870e+06 |
| | | 3.611e+06 | -5.124e+04 | -6.61e-04 | 0.0 | 92.1 | 1.622e+05 | -1.937e+04 | -800.61 | 1.761e+05 | -5.124e+04 | 3.611e+06 |
| 15 | 231 | 5.298e+06 | 3.148e+04 | 0.15 | -1223.70 | 0.0 | 1.812e+05 | -2.024e+04 | -883.74 | 1.655e+05 | 3.148e+04 | 5.298e+06 |
| | | 3.911e+06 | -4.990e+04 | -6.11e-04 | 0.0 | 92.1 | 1.812e+05 | -2.147e+04 | -883.74 | 1.655e+05 | -4.990e+04 | 3.911e+06 |
| 15 | 258 | 1.144e+06 | 8460.99 | 0.04 | -906.45 | 0.0 | 6.205e+04 | -5279.05 | -123.89 | 1.917e+04 | 8460.99 | 1.144e+06 |
| | | 7.715e+05 | -2946.82 | -2.85e-04 | 0.0 | 92.1 | 6.205e+04 | -6185.50 | -123.89 | 1.917e+04 | -2946.82 | 7.715e+05 |
| 15 | 273 | 1.254e+06 | 8209.32 | 0.04 | -906.45 | 0.0 | 5.739e+04 | -5195.04 | -129.69 | 1.214e+04 | 8209.32 | 1.254e+06 |
| | | 8.843e+05 | -3732.63 | -3.04e-04 | 0.0 | 92.1 | 5.739e+04 | -6101.48 | -129.69 | 1.214e+04 | -3732.63 | 8.843e+05 |
| 15 | 372 | 3.285e+06 | 2.951e+04 | 0.09 | -906.45 | 0.0 | 1.163e+05 | -1.260e+04 | -597.41 | 6.723e+04 | 2.951e+04 | 3.285e+06 |
| | | 2.420e+06 | -2.550e+04 | -3.34e-04 | 0.0 | 92.1 | 1.163e+05 | -1.351e+04 | -597.41 | 6.723e+04 | -2.550e+04 | 2.420e+06 |
| 15 | 375 | 3.920e+06 | 2.113e+04 | 0.11 | -906.45 | 0.0 | 1.341e+05 | -1.496e+04 | -634.92 | 1.251e+05 | 2.113e+04 | 3.920e+06 |
| | | 2.895e+06 | -3.733e+04 | -5.05e-04 | 0.0 | 92.1 | 1.341e+05 | -1.587e+04 | -634.92 | 1.251e+05 | -3.733e+04 | 2.895e+06 |
| 15 | 376 | 3.922e+06 | 2.343e+04 | 0.11 | -906.45 | 0.0 | 1.341e+05 | -1.498e+04 | -654.76 | 1.229e+05 | 2.343e+04 | 3.922e+06 |
| | | 2.896e+06 | -3.686e+04 | -4.40e-04 | 0.0 | 92.1 | 1.341e+05 | -1.589e+04 | -654.76 | 1.229e+05 | -3.686e+04 | 2.896e+06 |
| 15 | 389 | 1.161e+06 | 1.075e+04 | 0.04 | -906.45 | 0.0 | 5.985e+04 | -5200.86 | -133.64 | 8859.44 | 1.075e+04 | 1.161e+06 |
| | | 7.918e+05 | -1558.47 | -2.26e-04 | 0.0 | 92.1 | 5.985e+04 | -6107.31 | -133.64 | 8859.44 | -1558.47 | 7.918e+05 |
| 15 | 391 | 1.127e+06 | 1.603e+04 | 0.04 | -906.45 | 0.0 | 5.071e+04 | -4550.89 | -165.35 | -1.257e+04 | 1.603e+04 | 1.127e+06 |
| | | 8.007e+05 | 803.60 | -8.85e-05 | 0.0 | 92.1 | 5.071e+04 | -5457.33 | -165.35 | -1.257e+04 | 803.60 | 8.007e+05 |
| 15 | 392 | 1.120e+06 | 1.603e+04 | 0.04 | -906.45 | 0.0 | 5.091e+04 | -4551.57 | -165.04 | -1.258e+04 | 1.603e+04 | 1.120e+06 |
| | | 7.934e+05 | 832.69 | -8.85e-05 | 0.0 | 92.1 | 5.091e+04 | -5458.02 | -165.04 | -1.258e+04 | 832.69 | 7.934e+05 |
| 15 | 405 | 3.103e+06 | 2.573e+04 | 0.09 | -906.45 | 0.0 | 1.075e+05 | -1.179e+04 | -541.50 | 6.971e+04 | 2.573e+04 | 3.103e+06 |
| | | 2.291e+06 | -2.413e+04 | -2.41e-04 | 0.0 | 92.1 | 1.075e+05 | -1.270e+04 | -541.50 | 6.971e+04 | -2.413e+04 | 2.291e+06 |
| 15 | 407 | 1.127e+06 | 1.603e+04 | 0.04 | -906.45 | 0.0 | 5.071e+04 | -4550.89 | -165.35 | -1.257e+04 | 1.603e+04 | 1.127e+06 |
| | | 8.007e+05 | 803.60 | -8.85e-05 | 0.0 | 92.1 | 5.071e+04 | -5457.33 | -165.35 | -1.257e+04 | 803.60 | 8.007e+05 |
| 15 | 408 | 1.351e+06 | 2.302e+04 | 0.04 | -906.45 | 0.0 | 4.007e+04 | -3843.33 | -219.14 | -1.894e+04 | 2.302e+04 | 1.351e+06 |
| | | 9.766e+05 | 2621.78 | 8.27e-04 | 0.0 | 92.1 | 4.007e+04 | -4749.77 | -219.14 | -1.894e+04 | 2621.78 | 9.766e+05 |
| 15 | 411 | 9.033e+05 | 9035.70 | 0.03 | -906.45 | 0.0 | 6.135e+04 | -5258.45 | -111.57 | -6201.56 | 9035.70 | 9.033e+05 |
| | | 6.248e+05 | -1014.57 | -9.86e-04 | 0.0 | 92.1 | 6.135e+04 | -6164.89 | -111.57 | -6201.56 | -1014.57 | 6.248e+05 |
| 15 | 424 | 1.227e+06 | 3.496e+04 | 0.04 | -906.45 | 0.0 | 4.501e+04 | -4436.32 | -277.08 | -4.269e+04 | 3.496e+04 | 1.227e+06 |
| | | 8.809e+05 | 1.012e+04 | 3.05e-03 | 0.0 | 92.1 | 4.501e+04 | -5342.76 | -277.08 | -4.269e+04 | 1.012e+04 | 8.809e+05 |
| 15 | 429 | 1.155e+06 | -2802.86 | 0.04 | -906.45 | 0.0 | 5.055e+04 | -4222.80 | -66.29 | 1.921e+04 | -2802.86 | 1.155e+06 |
| | | 8.205e+05 | -9323.12 | -3.22e-03 | 0.0 | 92.1 | 5.055e+04 | -5129.25 | -66.29 | 1.921e+04 | -9323.12 | 8.205e+05 |
| 15 | 440 | 1.240e+06 | 1.935e+04 | 0.04 | -906.45 | 0.0 | 4.559e+04 | -4192.78 | -188.08 | -1.224e+04 | 1.935e+04 | 1.240e+06 |
| | | 8.908e+05 | 1859.15 | 1.37e-04 | 0.0 | 92.1 | 4.559e+04 | -5099.23 | -188.08 | -1.224e+04 | 1859.15 | 8.908e+05 |
| 15 | 443 | 1.014e+06 | 1.271e+04 | 0.03 | -906.45 | 0.0 | 5.583e+04 | -4909.00 | -142.63 | -1.290e+04 | 1.271e+04 | 1.014e+06 |
| | | 7.106e+05 | -251.95 | -2.96e-04 | 0.0 | 92.1 | 5.583e+04 | -5815.44 | -142.63 | -1.290e+04 | -251.95 | 7.106e+05 |
| 15 | 456 | 1.173e+06 | 2.488e+04 | 0.04 | -906.45 | 0.0 | 4.864e+04 | -4494.88 | -207.08 | -1.597e+04 | 2.488e+04 | 1.173e+06 |
| | | 8.421e+05 | 5949.62 | 6.96e-04 | 0.0 | 92.1 | 4.864e+04 | -5401.32 | -207.08 | -1.597e+04 | 5949.62 | 8.421e+05 |
| 15 | 461 | 1.148e+06 | 7226.68 | 0.04 | -906.45 | 0.0 | 4.983e+04 | -4382.45 | -130.00 | -8336.83 | 7226.68 | 1.148e+06 |
| | | 8.104e+05 | -4749.15 | -8.61e-04 | 0.0 | 92.1 | 4.983e+04 | -5288.90 | -130.00 | -8336.83 | -4749.15 | 8.104e+05 |
| 16 | 18 | 1.094e+06 | -710.80 | 0.04 | -906.45 | 0.0 | 5.979e+04 | -5104.66 | 565.30 | 3.520e+04 | -5.277e+04 | 1.094e+06 |
| | | 7.428e+05 | -5.277e+04 | -6.45e-04 | 0.0 | 92.1 | 5.979e+04 | -6011.11 | 565.30 | 3.520e+04 | -710.80 | 7.428e+05 |
| 16 | 146 | 1.213e+06 | -2755.99 | 0.04 | -906.45 | 0.0 | 5.706e+04 | -5127.62 | 547.63 | 3.532e+04 | -5.318e+04 | 1.213e+06 |
| | | 8.597e+05 | -5.318e+04 | -7.12e-04 | 0.0 | 92.1 | 5.706e+04 | -6034.07 | 547.63 | 3.532e+04 | -2755.99 | 8.597e+05 |
| 16 | 231 | 4.878e+06 | -1.912e+05 | 0.13 | -1223.70 | 0.0 | 1.674e+05 | -1.856e+04 | 2012.61 | 1.806e+05 | -1.981e+05 | 4.878e+06 |
| | | 3.636e+06 | -1.981e+05 | -2.07e-03 | -138.40 | 92.1 | 1.674e+05 | -1.978e+04 | 1874.21 | 1.806e+05 | -1.912e+04 | 3.636e+06 |
| 16 | 247 | 1.545e+06 | 4452.16 | 0.05 | -1223.70 | 0.0 | 7.963e+04 | -6843.08 | 1012.20 | 3.213e+04 | -7.813e+04 | 1.545e+06 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|---------|------|-----------|------------|---------|------------|------------|-----------|
| | | 1.074e+06 | -7.813e+04 | -6.91e-04 | -230.67 | 92.1 | 7.963e+04 | -8066.78 | 781.53 | 3.213e+04 | 4452.16 | 1.074e+06 |
| 16 | 333 | 1.217e+06 | -287.38 | 0.04 | -906.45 | 0.0 | 5.681e+04 | -5050.80 | 574.71 | 2.476e+04 | -5.321e+04 | 1.217e+06 |
| | | 8.685e+05 | -5.321e+04 | -6.32e-04 | 0.0 | 92.1 | 5.681e+04 | -5957.24 | 574.71 | 2.476e+04 | -287.38 | 8.685e+05 |
| 16 | 349 | 1.131e+06 | 454.17 | 0.04 | -906.45 | 0.0 | 5.873e+04 | -5022.75 | 589.00 | 2.398e+04 | -5.378e+04 | 1.131e+06 |
| | | 7.827e+05 | -5.378e+04 | -5.28e-04 | 0.0 | 92.1 | 5.873e+04 | -5929.20 | 589.00 | 2.398e+04 | 454.17 | 7.827e+05 |
| 16 | 376 | 3.611e+06 | -1.423e+04 | 0.10 | -906.45 | 0.0 | 1.238e+05 | -1.373e+04 | 1472.18 | 1.338e+05 | -1.455e+05 | 3.611e+06 |
| | | 2.692e+06 | -1.455e+05 | -1.52e-03 | -92.27 | 92.1 | 1.238e+05 | -1.464e+04 | 1379.91 | 1.338e+05 | -1.423e+04 | 2.692e+06 |
| 16 | 384 | 1.141e+06 | 3182.43 | 0.04 | -906.45 | 0.0 | 5.877e+04 | -5055.40 | 724.66 | 2.380e+04 | -5.647e+04 | 1.141e+06 |
| | | 7.929e+05 | -5.647e+04 | -4.97e-04 | -153.78 | 92.1 | 5.877e+04 | -5961.84 | 570.88 | 2.380e+04 | 3182.43 | 7.929e+05 |
| 16 | 391 | 1.140e+06 | 2864.00 | 0.04 | -906.45 | 0.0 | 5.202e+04 | -4574.49 | 447.93 | 167.69 | -3.838e+04 | 1.140e+06 |
| | | 8.207e+05 | -3.838e+04 | -3.62e-04 | 0.0 | 92.1 | 5.202e+04 | -5480.94 | 447.93 | 167.69 | 2864.00 | 8.207e+05 |
| 16 | 394 | 1.144e+06 | 2615.91 | 0.04 | -906.45 | 0.0 | 5.844e+04 | -5031.65 | 576.35 | 2.314e+04 | -5.046e+04 | 1.144e+06 |
| | | 7.953e+05 | -5.046e+04 | -4.32e-04 | 0.0 | 92.1 | 5.844e+04 | -5938.10 | 576.35 | 2.314e+04 | 2615.91 | 7.953e+05 |
| 16 | 405 | 2.911e+06 | -8133.95 | 0.08 | -906.45 | 0.0 | 1.017e+05 | -1.100e+04 | 1048.88 | 7.951e+04 | -1.047e+05 | 2.911e+06 |
| | | 2.170e+06 | -1.047e+05 | -1.06e-03 | 0.0 | 92.1 | 1.017e+05 | -1.191e+04 | 1048.88 | 7.951e+04 | -8133.95 | 2.170e+06 |
| 16 | 406 | 1.145e+06 | 3172.72 | 0.04 | -906.45 | 0.0 | 5.825e+04 | -5023.94 | 572.24 | 2.221e+04 | -4.952e+04 | 1.145e+06 |
| | | 7.981e+05 | -4.952e+04 | -4.05e-04 | 0.0 | 92.1 | 5.825e+04 | -5930.38 | 572.24 | 2.221e+04 | 3172.72 | 7.981e+05 |
| 16 | 407 | 1.140e+06 | 2864.00 | 0.04 | -906.45 | 0.0 | 5.202e+04 | -4574.49 | 447.93 | 167.69 | -3.838e+04 | 1.140e+06 |
| | | 8.207e+05 | -3.838e+04 | -3.62e-04 | 0.0 | 92.1 | 5.202e+04 | -5480.94 | 447.93 | 167.69 | 2864.00 | 8.207e+05 |
| 16 | 408 | 1.388e+06 | 4056.08 | 0.05 | -906.45 | 0.0 | 3.954e+04 | -5163.94 | 334.95 | -1.229e+04 | -2.691e+04 | 1.388e+06 |
| | | 1.007e+06 | -2.691e+04 | 5.81e-04 | 0.0 | 92.1 | 3.954e+04 | -6070.39 | 334.95 | -1.229e+04 | 4056.08 | 1.007e+06 |
| 16 | 411 | 8.922e+05 | 1671.91 | 0.03 | -906.45 | 0.0 | 6.450e+04 | -3985.05 | 560.90 | 1.263e+04 | -4.986e+04 | 8.922e+05 |
| | | 6.349e+05 | -4.986e+04 | -1.30e-03 | 0.0 | 92.1 | 6.450e+04 | -4891.49 | 560.90 | 1.263e+04 | 1671.91 | 6.349e+05 |
| 16 | 427 | 9.776e+05 | -4429.80 | 0.03 | -906.45 | 0.0 | 6.362e+04 | -5018.57 | 581.64 | 3.056e+04 | -5.715e+04 | 9.776e+05 |
| | | 7.157e+05 | -5.715e+04 | -3.47e-03 | 0.0 | 92.1 | 6.362e+04 | -5925.01 | 581.64 | 3.056e+04 | -4429.80 | 7.157e+05 |
| 16 | 430 | 1.171e+06 | 1.089e+04 | 0.04 | -906.45 | 0.0 | 4.630e+04 | -3657.49 | 361.46 | -2.801e+04 | -2.329e+04 | 1.171e+06 |
| | | 8.244e+05 | -2.329e+04 | 2.73e-03 | 0.0 | 92.1 | 4.630e+04 | -4563.94 | 361.46 | -2.801e+04 | 1.089e+04 | 8.244e+05 |
| 16 | 440 | 1.256e+06 | 3675.40 | 0.04 | -906.45 | 0.0 | 4.642e+04 | -4946.82 | 395.24 | -3052.98 | -3.277e+04 | 1.256e+06 |
| | | 9.133e+05 | -3.277e+04 | -1.26e-04 | 0.0 | 92.1 | 4.642e+04 | -5853.26 | 395.24 | -3052.98 | 3675.40 | 9.133e+05 |
| 16 | 443 | 1.024e+06 | 2052.59 | 0.03 | -906.45 | 0.0 | 5.762e+04 | -4202.17 | 500.61 | 3388.36 | -4.399e+04 | 1.024e+06 |
| | | 7.281e+05 | -4.399e+04 | -5.97e-04 | 0.0 | 92.1 | 5.762e+04 | -5108.62 | 500.61 | 3388.36 | 2052.59 | 7.281e+05 |
| 16 | 444 | 1.257e+06 | 2968.39 | 0.04 | -906.45 | 0.0 | 4.670e+04 | -4957.41 | 399.84 | -2435.00 | -3.387e+04 | 1.257e+06 |
| | | 9.117e+05 | -3.387e+04 | -2.30e-04 | 0.0 | 92.1 | 4.670e+04 | -5863.86 | 399.84 | -2435.00 | 2968.39 | 9.117e+05 |
| 16 | 459 | 1.092e+06 | -1516.01 | 0.04 | -906.45 | 0.0 | 5.556e+04 | -4554.58 | 501.62 | 5272.97 | -4.732e+04 | 1.092e+06 |
| | | 7.750e+05 | -4.732e+04 | -1.13e-03 | 0.0 | 92.1 | 5.556e+04 | -5461.03 | 501.62 | 5272.97 | -1516.01 | 7.750e+05 |
| 16 | 462 | 1.120e+06 | 7610.62 | 0.04 | -906.45 | 0.0 | 5.145e+04 | -4354.61 | 417.96 | -3820.83 | -3.129e+04 | 1.120e+06 |
| | | 8.145e+05 | -3.129e+04 | 4.01e-04 | 0.0 | 92.1 | 5.145e+04 | -5261.06 | 417.96 | -3820.83 | 7610.62 | 8.145e+05 |
| 17 | 28 | 3.897e+04 | 6.035e+04 | -0.03 | -393.75 | 0.0 | -931.36 | -5790.68 | 1508.67 | -1.636e+04 | 0.03 | 3.897e+04 |
| | | 8619.45 | 0.03 | 3.87e-04 | 0.0 | 40.0 | -931.36 | -6184.43 | 1508.67 | -1.636e+04 | 6.035e+04 | 8619.45 |
| 17 | 29 | 8.042e+04 | 9.841e+04 | -0.05 | -531.56 | 0.0 | -1478.54 | -7718.35 | 2430.08 | -3.263e+04 | 0.06 | 6.305e+04 |
| | | 6.305e+04 | 0.06 | 7.18e-04 | 60.12 | 40.0 | -1478.54 | -8249.91 | 2490.20 | -3.263e+04 | 9.841e+04 | 8.042e+04 |
| 17 | 40 | 3.883e+04 | 6.005e+04 | -0.03 | -393.75 | 0.0 | -927.97 | -5799.97 | 1501.15 | -1.630e+04 | 0.03 | 3.883e+04 |
| | | 6065.42 | 0.03 | 3.95e-04 | 0.0 | 40.0 | -927.97 | -6193.72 | 1501.15 | -1.630e+04 | 6.005e+04 | 6065.42 |
| 17 | 49 | 4.837e+05 | 1.062e+05 | -0.10 | -531.56 | 0.0 | -1435.45 | 848.35 | 2625.75 | -7.129e+04 | 0.09 | 6.616e+04 |
| | | 6.616e+04 | 0.09 | 9.52e-04 | 60.12 | 40.0 | -1435.45 | 316.79 | 2685.87 | -7.129e+04 | 1.062e+05 | 4.837e+05 |
| 17 | 200 | 2.096e+05 | 4.730e+04 | -0.02 | -393.75 | 0.0 | -619.95 | 365.05 | 1182.58 | -2.901e+04 | 0.04 | 2.803e+04 |
| | | 2.803e+04 | 0.04 | 3.63e-04 | 0.0 | 40.0 | -619.95 | -28.70 | 1182.58 | -2.901e+04 | 4.730e+04 | 2.096e+05 |
| 17 | 274 | 5.507e+04 | 5.599e+04 | -0.03 | -393.75 | 0.0 | -828.53 | -4213.67 | 1399.84 | -1.787e+04 | 0.03 | 3.527e+04 |
| | | 3.527e+04 | 0.03 | 3.48e-04 | 0.0 | 40.0 | -828.53 | -4607.42 | 1399.84 | -1.787e+04 | 5.599e+04 | 5.507e+04 |
| 17 | 275 | 5.912e+04 | 7.245e+04 | -0.03 | -393.75 | 0.0 | -1090.75 | -5714.66 | 1791.21 | -2.390e+04 | 0.05 | 4.648e+04 |
| | | 4.648e+04 | 0.05 | 5.21e-04 | 40.08 | 40.0 | -1090.75 | -6108.41 | 1831.29 | -2.390e+04 | 7.245e+04 | 5.912e+04 |
| 17 | 285 | 3.578e+05 | 7.825e+04 | -0.07 | -393.75 | 0.0 | -1058.83 | 631.05 | 1936.15 | -5.254e+04 | 0.07 | 4.878e+04 |
| | | 4.878e+04 | 0.07 | 6.94e-04 | 40.08 | 40.0 | -1058.83 | 237.30 | 1976.23 | -5.254e+04 | 7.825e+04 | 3.578e+05 |
| 17 | 360 | 2.044e+05 | 4.632e+04 | -0.02 | -393.75 | 0.0 | -597.44 | 358.01 | 1158.09 | -2.727e+04 | 0.03 | 2.715e+04 |
| | | 2.715e+04 | 0.03 | 3.29e-04 | 0.0 | 40.0 | -597.44 | -35.74 | 1158.09 | -2.727e+04 | 4.632e+04 | 2.044e+05 |
| 17 | 392 | 1.662e+05 | 3.689e+04 | -0.02 | -393.75 | 0.0 | -462.96 | 336.20 | 922.22 | -2.016e+04 | 0.02 | 2.104e+04 |
| | | 2.104e+04 | 0.02 | 1.97e-04 | 0.0 | 40.0 | -462.96 | -57.55 | 922.22 | -2.016e+04 | 3.689e+04 | 1.662e+05 |
| 17 | 395 | 5.980e+04 | 5.598e+04 | -0.03 | -393.75 | 0.0 | -830.11 | -4195.59 | 1399.59 | -1.738e+04 | 0.03 | 3.535e+04 |
| | | 3.535e+04 | 0.03 | 3.16e-04 | 0.0 | 40.0 | -830.11 | -4589.34 | 1399.59 | -1.738e+04 | 5.598e+04 | 5.980e+04 |
| 17 | 396 | 2.838e+05 | 6.033e+04 | -0.05 | -393.75 | 0.0 | -806.17 | 563.69 | 1508.30 | -3.886e+04 | 0.05 | 3.707e+04 |
| | | 3.707e+04 | 0.05 | 4.45e-04 | 0.0 | 40.0 | -806.17 | 169.94 | 1508.30 | -3.886e+04 | 6.033e+04 | 2.838e+05 |
| 17 | 407 | 1.746e+05 | 3.851e+04 | -0.02 | -393.75 | 0.0 | -485.65 | 360.98 | 962.87 | -2.123e+04 | 0.02 | 2.203e+05 |
| | | 2.203e+04 | 0.02 | 2.09e-04 | 0.0 | 40.0 | -485.65 | -32.77 | 962.87 | -2.123e+04 | 3.851e+04 | 1.746e+05 |
| 17 | 433 | 1.928e+05 | 6.008e+04 | -0.02 | -393.75 | 0.0 | -811.38 | 464.83 | 1502.11 | -3.660e+04 | 0.05 | 3.656e+04 |
| | | 3.656e+04 | 0.05 | 7.71e-04 | 0.0 | 40.0 | -811.38 | 71.08 | 1502.11 | -3.660e+04 | 6.008e+04 | 1.928e+05 |
| 17 | 434 | 1.563e+05 | 1.695e+04 | -0.02 | -393.75 | 0.0 | -159.92 | 257.14 | 423.64 | -5863.42 | 1.92e-03 | 7505.34 |
| | | 7505.34 | 1.92e-03 | -3.53e-04 | 0.0 | 40.0 | -159.92 | -136.61 | 423.64 | -5863.42 | 1.695e+04 | 1.563e+05 |
| 17 | 437 | 1.931e+05 | 5.990e+04 | -0.02 | -393.75 | 0.0 | -816.89 | 466.25 | 1497.59 | -3.645e+04 | 0.05 | 3.682e+04 |
| | | 3.682e+04 | 0.05 | 7.68e-04 | 0.0 | 40.0 | -816.89 | 72.50 | 1497.59 | -3.645e+04 | 5.990e+04 | 1.931e+05 |
| 17 | 438 | 1.560e+05 | 1.713e+04 | -0.02 | -393.75 | 0.0 | -154.41 | 255.71 | 428.16 | -6007.05 | 2.07e-03 | 7240.82 |
| | | 7240.82 | 2.07e-03 | -3.49e-04 | 0.0 | 40.0 | -154.41 | -138.04 | 428.16 | -6007.05 | 1.713e+04 | 1.560e+05 |
| 17 | 465 | 1.836e+05 | 4.923e+04 | -0.02 | -393.75 | 0.0 | -647.34 | 412.41 | 1230.65 | -2.885e+04 | 0.03 | 2.924e+04 |
| | | 2.924e+04 | 0.03 | 4.88e-04 | 0.0 | 40.0 | -647.34 | 18.66 | 1230.65 | -2.885e+04 | 4.923e+04 | 1.836e+05 |
| 17 | 466 | 1.655e+05 | 2.780e+04 | -0.02 | -393.75 | 0.0 | -323.96 | 309.55 | 695.10 | -1.361e+04 | 0.01 | 1.482e+04 |
| | | 1.482e+04 | 0.01 | -6.99e-05 | 0.0 | 40.0 | -323.96 | -84.20 | 695.10 | -1.361e+04 | 2.780e+04 | 1.655e+05 |
| 17 | 469 | 1.838e+05 | 4.914e+04 | -0.02 | -393.75 | 0.0 | -649.97 | 413.11 | 1228.38 | -2.878e+04 | 0.03 | 2.937e+04 |
| | | 2.937e+04 | 0.03 | 4.87e-04 | 0.0 | 40.0 | -649.97 | 19.36 | 1228.38 | -2.878e+04 | 4.914e+04 | 1.838e+05 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|---------|------|----------|---------|----------|------------|------------|-----------|
| 17 | 470 | 1.654e+05 | 2.789e+04 | -0.02 | -393.75 | 0.0 | -321.33 | 308.86 | 697.37 | -1.368e+04 | 0.01 | 1.470e+04 |
| | | 1.470e+04 | 0.01 | -6.82e-05 | 0.0 | 40.0 | -321.33 | -84.89 | 697.37 | -1.368e+04 | 2.789e+04 | 1.654e+05 |
| 18 | 49 | 4.545e+05 | -0.01 | -0.09 | -531.56 | 0.0 | -1375.35 | 1191.94 | -1382.85 | 1.127e+04 | -0.01 | 5.904e+04 |
| | | 5.904e+04 | -5.531e+04 | -2.35e-04 | 0.0 | 40.0 | -1375.35 | 660.37 | -1382.85 | 1.127e+04 | -5.531e+04 | 4.545e+05 |
| 18 | 54 | 2.974e+05 | -7.34e-03 | -0.06 | -393.75 | 0.0 | -888.76 | 836.43 | -845.53 | 5834.70 | -7.34e-03 | 3.822e+04 |
| | | 3.822e+04 | -3.382e+04 | -1.42e-04 | 0.0 | 40.0 | -888.76 | 442.68 | -845.53 | 5834.70 | -3.382e+04 | 2.974e+05 |
| 18 | 111 | 4.419e+05 | -0.02 | -0.03 | -531.56 | 0.0 | -1386.91 | 1121.90 | -1451.98 | 2.325e+04 | -0.02 | 5.998e+04 |
| | | 5.998e+04 | -5.808e+04 | -4.08e-04 | 0.0 | 40.0 | -1386.91 | 590.34 | -1451.98 | 2.325e+04 | -5.808e+04 | 4.419e+05 |
| 18 | 198 | 2.075e+05 | -8.86e-03 | -0.02 | -393.75 | 0.0 | -650.27 | 525.55 | -617.81 | 7953.94 | -8.86e-03 | 2.806e+04 |
| | | 2.806e+04 | -2.471e+04 | -1.74e-04 | 0.0 | 40.0 | -650.27 | 131.80 | -617.81 | 7953.94 | -2.471e+04 | 2.075e+05 |
| 18 | 285 | 3.368e+05 | -9.63e-03 | -0.07 | -393.75 | 0.0 | -1020.82 | 881.42 | -1030.93 | 8687.74 | -9.63e-03 | 4.383e+04 |
| | | 4.383e+04 | -4.124e+04 | -1.76e-04 | 0.0 | 40.0 | -1020.82 | 487.67 | -1030.93 | 8687.74 | -4.124e+04 | 3.368e+05 |
| 18 | 287 | 2.715e+05 | -8.66e-03 | -0.05 | -393.75 | 0.0 | -819.09 | 776.12 | -800.85 | 7785.69 | -8.66e-03 | 3.523e+04 |
| | | 3.523e+04 | -3.203e+04 | -1.64e-04 | 0.0 | 40.0 | -819.09 | 382.37 | -800.85 | 7785.69 | -3.203e+04 | 2.715e+05 |
| 18 | 316 | 3.276e+05 | -0.02 | -0.02 | -393.75 | 0.0 | -1029.20 | 830.51 | -1080.71 | 1.746e+04 | -0.02 | 4.452e+04 |
| | | 4.452e+04 | -4.323e+04 | -3.04e-04 | 0.0 | 40.0 | -1029.20 | 436.76 | -1080.71 | 1.746e+04 | -4.323e+04 | 3.276e+05 |
| 18 | 359 | 2.051e+05 | -9.78e-03 | -0.02 | -393.75 | 0.0 | -642.78 | 546.58 | -631.42 | 9316.52 | -9.78e-03 | 2.772e+04 |
| | | 2.772e+04 | -2.526e+04 | -1.87e-04 | 0.0 | 40.0 | -642.78 | 152.83 | -631.42 | 9316.52 | -2.526e+04 | 2.051e+05 |
| 18 | 392 | 1.725e+05 | -0.01 | -0.02 | -393.75 | 0.0 | -548.29 | 502.75 | -567.71 | 1.128e+04 | -0.01 | 2.372e+04 |
| | | 2.372e+04 | -2.271e+04 | -1.93e-04 | 0.0 | 40.0 | -548.29 | 109.00 | -567.71 | 1.128e+04 | -2.271e+04 | 1.725e+05 |
| 18 | 393 | 1.829e+05 | -9.96e-03 | -0.02 | -393.75 | 0.0 | -572.37 | 542.51 | -557.95 | 9981.66 | -9.96e-03 | 2.477e+04 |
| | | 2.477e+04 | -2.232e+04 | -1.89e-04 | 0.0 | 40.0 | -572.37 | 148.76 | -557.95 | 9981.66 | -2.232e+04 | 1.829e+05 |
| 18 | 396 | 2.770e+05 | -0.01 | -0.05 | -393.75 | 0.0 | -847.92 | 781.82 | -883.90 | 1.136e+04 | -0.01 | 3.652e+04 |
| | | 3.652e+04 | -3.536e+04 | -1.94e-04 | 0.0 | 40.0 | -847.92 | 388.07 | -883.90 | 1.136e+04 | -3.536e+04 | 2.770e+05 |
| 18 | 399 | 2.709e+05 | -0.02 | -0.02 | -393.75 | 0.0 | -852.92 | 750.15 | -911.61 | 1.726e+04 | -0.02 | 3.696e+04 |
| | | 3.696e+04 | -3.646e+04 | -2.85e-04 | 0.0 | 40.0 | -852.92 | 356.40 | -911.61 | 1.726e+04 | -3.646e+04 | 2.709e+05 |
| 18 | 407 | 1.809e+05 | -0.01 | -0.02 | -393.75 | 0.0 | -573.46 | 530.45 | -594.49 | 1.183e+04 | -0.01 | 2.482e+04 |
| | | 2.482e+04 | -2.378e+04 | -2.02e-04 | 0.0 | 40.0 | -573.46 | 136.70 | -594.49 | 1.183e+04 | -2.378e+04 | 1.809e+05 |
| 18 | 412 | 1.967e+05 | -0.02 | -9.81e-03 | -393.75 | 0.0 | -861.07 | 635.78 | -743.00 | 1.748e+04 | -0.02 | 3.777e+04 |
| | | 3.777e+04 | -2.972e+04 | -5.00e-04 | 0.0 | 40.0 | -861.07 | 242.03 | -743.00 | 1.748e+04 | -2.972e+04 | 1.967e+05 |
| 18 | 415 | 1.652e+05 | -4.55e-03 | -0.03 | -393.75 | 0.0 | -285.85 | 425.12 | -445.97 | 6180.04 | -4.55e-03 | 1.187e+04 |
| | | 1.187e+04 | -1.784e+04 | 9.53e-05 | 0.0 | 40.0 | -285.85 | 31.37 | -445.97 | 6180.04 | -1.784e+04 | 1.652e+05 |
| 18 | 423 | 1.652e+05 | -4.39e-03 | -0.03 | -393.75 | 0.0 | -287.79 | 422.28 | -436.13 | 5555.93 | -4.39e-03 | 1.194e+04 |
| | | 1.194e+04 | -1.745e+04 | 9.79e-05 | 0.0 | 40.0 | -287.79 | 28.53 | -436.13 | 5555.93 | -1.745e+04 | 1.652e+05 |
| 18 | 436 | 1.923e+05 | -0.01 | -0.02 | -393.75 | 0.0 | -752.47 | 644.82 | -971.47 | 2.097e+04 | -0.01 | 3.303e+04 |
| | | 3.303e+04 | -3.886e+04 | -3.52e-04 | 0.0 | 40.0 | -752.47 | 251.07 | -971.47 | 2.097e+04 | -3.886e+04 | 1.923e+05 |
| 18 | 440 | 1.890e+05 | -0.01 | -0.01 | -393.75 | 0.0 | -719.78 | 584.91 | -652.84 | 1.436e+04 | -0.01 | 3.141e+04 |
| | | 3.141e+04 | -2.611e+04 | -3.49e-04 | 0.0 | 40.0 | -719.78 | 191.16 | -652.84 | 1.436e+04 | -2.611e+04 | 1.890e+05 |
| 18 | 443 | 1.729e+05 | -7.83e-03 | -0.02 | -393.75 | 0.0 | -427.14 | 475.99 | -536.13 | 9296.27 | -7.83e-03 | 1.822e+04 |
| | | 1.822e+04 | -2.145e+04 | -5.56e-05 | 0.0 | 40.0 | -427.14 | 82.24 | -536.13 | 9296.27 | -2.145e+04 | 1.729e+05 |
| 18 | 455 | 1.731e+05 | -7.72e-03 | -0.02 | -393.75 | 0.0 | -431.31 | 476.20 | -515.46 | 8696.36 | -7.72e-03 | 1.842e+04 |
| | | 1.842e+04 | -2.062e+04 | -5.24e-05 | 0.0 | 40.0 | -431.31 | 82.45 | -515.46 | 8696.36 | -2.062e+04 | 1.731e+05 |
| 18 | 468 | 1.866e+05 | -0.01 | -0.02 | -393.75 | 0.0 | -662.01 | 587.32 | -781.60 | 1.636e+04 | -0.01 | 2.888e+04 |
| | | 2.888e+04 | -3.126e+04 | -2.77e-04 | 0.0 | 40.0 | -662.01 | 193.57 | -781.60 | 1.636e+04 | -3.126e+04 | 1.866e+05 |
| 19 | 80 | 1.898e+05 | 2.680e+04 | -0.03 | -393.75 | 0.0 | -625.85 | 525.85 | 669.99 | -1.843e+04 | 0.02 | 2.733e+04 |
| | | 2.733e+04 | 0.02 | 2.80e-04 | 0.0 | 40.0 | -625.85 | 132.10 | 669.99 | -1.843e+04 | 2.680e+04 | 1.898e+05 |
| 19 | 109 | 4.123e+05 | 5.510e+04 | -0.03 | -531.56 | 0.0 | -1318.23 | 1197.38 | 1377.58 | -3.580e+04 | 0.03 | 5.771e+04 |
| | | 5.771e+04 | 0.03 | 5.72e-04 | 0.0 | 40.0 | -1318.23 | 665.82 | 1377.58 | -3.580e+04 | 5.510e+04 | 4.123e+05 |
| 19 | 111 | 4.138e+05 | 5.434e+04 | -0.03 | -531.56 | 0.0 | -1315.37 | 1210.35 | 1358.42 | -3.444e+04 | 0.03 | 5.754e+04 |
| | | 5.754e+04 | 0.03 | 5.62e-04 | 0.0 | 40.0 | -1315.37 | 678.79 | 1358.42 | -3.444e+04 | 5.434e+04 | 4.138e+05 |
| 19 | 188 | 1.960e+05 | 2.755e+04 | -0.02 | -393.75 | 0.0 | -639.25 | 548.98 | 688.64 | -1.766e+04 | 0.02 | 2.785e+04 |
| | | 2.785e+04 | 0.02 | 2.74e-04 | 0.0 | 40.0 | -639.25 | 155.23 | 688.64 | -1.766e+04 | 2.755e+04 | 1.960e+05 |
| 19 | 300 | 1.922e+05 | 2.651e+04 | -0.02 | -393.75 | 0.0 | -624.20 | 549.14 | 662.81 | -1.673e+04 | 0.01 | 2.716e+04 |
| | | 2.716e+04 | 0.01 | 2.63e-04 | 0.0 | 40.0 | -624.20 | 155.39 | 662.81 | -1.673e+04 | 2.651e+04 | 1.922e+05 |
| 19 | 315 | 3.061e+05 | 4.069e+04 | -0.02 | -393.75 | 0.0 | -978.03 | 889.21 | 1017.13 | -2.633e+04 | 0.02 | 4.282e+04 |
| | | 4.282e+04 | 0.02 | 4.22e-04 | 0.0 | 40.0 | -978.03 | 495.46 | 1017.13 | -2.633e+04 | 4.069e+04 | 3.061e+05 |
| 19 | 316 | 3.071e+05 | 4.017e+04 | -0.02 | -393.75 | 0.0 | -976.12 | 897.86 | 1004.36 | -2.543e+04 | 0.02 | 4.271e+04 |
| | | 4.271e+04 | 0.02 | 4.16e-04 | 0.0 | 40.0 | -976.12 | 504.11 | 1004.36 | -2.543e+04 | 4.017e+04 | 3.071e+05 |
| 19 | 354 | 1.965e+05 | 2.705e+04 | -0.02 | -393.75 | 0.0 | -633.49 | 564.95 | 676.34 | -1.618e+04 | 0.01 | 2.752e+04 |
| | | 2.752e+04 | 0.01 | 2.59e-04 | 0.0 | 40.0 | -633.49 | 171.20 | 676.34 | -1.618e+04 | 2.705e+04 | 1.965e+05 |
| 19 | 392 | 1.717e+05 | 2.288e+04 | -0.02 | -393.75 | 0.0 | -547.75 | 501.28 | 571.91 | -1.155e+04 | 0.01 | 2.369e+04 |
| | | 2.369e+04 | 0.01 | 1.93e-04 | 0.0 | 40.0 | -547.75 | 107.53 | 571.91 | -1.155e+04 | 2.288e+04 | 1.717e+05 |
| 19 | 399 | 2.635e+05 | 3.370e+04 | -0.02 | -393.75 | 0.0 | -828.22 | 784.90 | 842.41 | -1.854e+04 | 0.02 | 3.609e+04 |
| | | 3.609e+04 | 0.02 | 3.15e-04 | 0.0 | 40.0 | -828.22 | 391.15 | 842.41 | -1.854e+04 | 3.370e+04 | 2.635e+05 |
| 19 | 407 | 1.801e+05 | 2.395e+04 | -0.02 | -393.75 | 0.0 | -572.89 | 528.92 | 598.82 | -1.211e+04 | 0.01 | 2.479e+04 |
| | | 2.479e+04 | 0.01 | 2.02e-04 | 0.0 | 40.0 | -572.89 | 135.17 | 598.82 | -1.211e+04 | 2.395e+04 | 1.801e+05 |
| 19 | 413 | 1.955e+05 | 3.042e+04 | -9.79e-03 | -393.75 | 0.0 | -851.75 | 637.18 | 760.50 | -1.840e+04 | 0.02 | 3.734e+04 |
| | | 3.734e+04 | 0.02 | 4.97e-04 | 0.0 | 40.0 | -851.75 | 243.43 | 760.50 | -1.840e+04 | 3.042e+04 | 1.955e+05 |
| 19 | 414 | 1.647e+05 | 1.749e+04 | -0.03 | -393.75 | 0.0 | -294.02 | 420.66 | 437.14 | -5822.64 | 4.46e-03 | 1.224e+04 |
| | | 1.224e+04 | 4.46e-03 | -9.28e-05 | 0.0 | 40.0 | -294.02 | 26.91 | 437.14 | -5822.64 | 1.749e+04 | 1.647e+05 |
| 19 | 421 | 1.955e+05 | 2.998e+04 | -9.81e-03 | -393.75 | 0.0 | -853.66 | 633.13 | 749.38 | -1.777e+04 | 0.02 | 3.740e+04 |
| | | 3.740e+04 | 0.02 | 4.95e-04 | 0.0 | 40.0 | -853.66 | 239.38 | 749.38 | -1.777e+04 | 2.998e+04 | 1.955e+05 |
| 19 | 422 | 1.648e+05 | 1.793e+04 | -0.03 | -393.75 | 0.0 | -292.11 | 424.71 | 448.27 | -6444.99 | 4.62e-03 | 1.218e+04 |
| | | 1.218e+04 | 4.62e-03 | -9.02e-05 | 0.0 | 40.0 | -292.11 | 30.96 | 448.27 | -6444.99 | 1.793e+04 | 1.648e+05 |
| 19 | 433 | 1.900e+05 | 3.921e+04 | -0.02 | -393.75 | 0.0 | -722.97 | 639.73 | 980.24 | -2.134e+04 | 0.02 | 3.162e+04 |
| | | 3.162e+04 | 0.02 | 3.33e-04 | 0.0 | 40.0 | -722.97 | 245.98 | 980.24 | -2.134e+04 | 3.921e+04 | 1.900e+05 |
| 19 | 441 | 1.878e+05 | 2.648e+04 | -0.01 | -393.75 | 0.0 | -717.93 | 579.42 | 662.02 | -1.476e+04 | 0.01 | 3.130e+04 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|----------|------|-----------|-----------|----------|------------|------------|-----------|
| | | 3.130e+04 | 0.01 | 3.51e-04 | 0.0 | 40.0 | -717.93 | 185.67 | 662.02 | -1.476e+04 | 2.648e+04 | 1.878e+05 |
| 19 | 446 | 1.725e+05 | 2.073e+04 | -0.02 | -393.75 | 0.0 | -434.09 | 474.63 | 518.16 | -8969.81 | 7.80e-03 | 1.855e+04 |
| | | 1.855e+04 | 7.80e-03 | 5.48e-05 | 0.0 | 40.0 | -434.09 | 80.88 | 518.16 | -8969.81 | 2.073e+04 | 1.725e+05 |
| 19 | 449 | 1.878e+05 | 2.626e+04 | -0.01 | -393.75 | 0.0 | -718.88 | 577.39 | 656.52 | -1.445e+04 | 0.01 | 3.133e+04 |
| | | 3.133e+04 | 0.01 | 3.50e-04 | 0.0 | 40.0 | -718.88 | 183.64 | 656.52 | -1.445e+04 | 2.626e+04 | 1.878e+05 |
| 19 | 450 | 1.725e+05 | 2.165e+04 | -0.02 | -393.75 | 0.0 | -426.89 | 480.44 | 541.13 | -9772.74 | 7.95e-03 | 1.826e+04 |
| | | 1.826e+04 | 7.95e-03 | 5.42e-05 | 0.0 | 40.0 | -426.89 | 86.69 | 541.13 | -9772.74 | 2.165e+04 | 1.725e+05 |
| 19 | 465 | 1.850e+05 | 3.152e+04 | -0.02 | -393.75 | 0.0 | -647.17 | 584.02 | 788.10 | -1.668e+04 | 0.01 | 2.817e+04 |
| | | 2.817e+04 | 0.01 | 2.67e-04 | 0.0 | 40.0 | -647.17 | 190.27 | 788.10 | -1.668e+04 | 3.152e+04 | 1.850e+05 |
| 20 | 30 | 2.527e+04 | 1.84e-03 | -0.03 | -393.75 | 0.0 | -702.14 | -4953.73 | -1252.50 | -595.27 | 1.84e-03 | 2.527e+04 |
| | | 155.36 | -5.010e+04 | 9.34e-05 | 0.0 | 40.0 | -702.14 | -5347.48 | -1252.50 | -595.27 | -5.010e+04 | 155.36 |
| 20 | 50 | 2.410e+05 | 0.02 | -0.07 | -393.75 | 0.0 | -455.80 | 817.95 | -1106.58 | 1.213e+04 | 0.02 | 1.763e+04 |
| | | 1.763e+04 | -4.426e+04 | 4.46e-04 | 0.0 | 40.0 | -455.80 | 424.20 | -1106.58 | 1.213e+04 | -4.426e+04 | 2.410e+05 |
| 20 | 54 | 1.930e+05 | 0.01 | -0.06 | -393.75 | 0.0 | -386.87 | 614.85 | -902.14 | 1.063e+04 | 0.01 | 1.540e+04 |
| | | 1.540e+04 | -3.609e+04 | 3.23e-04 | 0.0 | 40.0 | -386.87 | 221.10 | -902.14 | 1.063e+04 | -3.609e+04 | 1.930e+05 |
| 20 | 111 | 3.749e+05 | -0.04 | -0.02 | -531.56 | 0.0 | -1081.95 | 959.35 | -2122.47 | 4.065e+04 | -0.04 | 4.377e+04 |
| | | 4.377e+04 | -8.610e+04 | -3.32e-04 | -60.12 | 40.0 | -1081.95 | 427.79 | -2182.59 | 4.065e+04 | -8.610e+04 | 3.749e+05 |
| 20 | 285 | 2.270e+05 | 5.33e-03 | -0.06 | -393.75 | 0.0 | -493.01 | 695.19 | -1133.07 | 1.491e+04 | 5.33e-03 | 1.961e+04 |
| | | 1.961e+04 | -4.532e+04 | 2.54e-04 | 0.0 | 40.0 | -493.01 | 301.44 | -1133.07 | 1.491e+04 | -4.532e+04 | 2.270e+05 |
| 20 | 287 | 1.917e+05 | 8.75e-04 | -0.05 | -393.75 | 0.0 | -443.04 | 545.53 | -983.88 | 1.387e+04 | 8.75e-04 | 1.800e+05 |
| | | 1.800e+04 | -3.936e+04 | 1.61e-04 | 0.0 | 40.0 | -443.04 | 151.78 | -983.88 | 1.387e+04 | -3.936e+04 | 1.917e+05 |
| 20 | 316 | 2.787e+05 | -0.03 | -0.02 | -393.75 | 0.0 | -805.10 | 715.96 | -1578.26 | 3.039e+04 | -0.03 | 3.254e+04 |
| | | 3.254e+04 | -6.393e+04 | -2.51e-04 | -40.08 | 40.0 | -805.10 | 322.21 | -1618.34 | 3.039e+04 | -6.393e+04 | 2.787e+05 |
| 20 | 393 | 1.622e+05 | -0.02 | -0.02 | -393.75 | 0.0 | -482.73 | 348.89 | -955.34 | 1.771e+04 | -0.02 | 2.008e+04 |
| | | 2.008e+04 | -3.821e+04 | -1.40e-04 | 0.0 | 40.0 | -482.73 | -44.86 | -955.34 | 1.771e+04 | -3.821e+04 | 1.622e+05 |
| 20 | 396 | 2.093e+05 | -8.23e-03 | -0.05 | -393.75 | 0.0 | -523.91 | 588.64 | -1130.86 | 1.849e+04 | -8.23e-03 | 2.122e+04 |
| | | 2.122e+04 | -4.523e+04 | 4.95e-05 | 0.0 | 40.0 | -523.91 | 194.89 | -1130.86 | 1.849e+04 | -4.523e+04 | 2.093e+05 |
| 20 | 399 | 2.455e+05 | -0.03 | -0.02 | -393.75 | 0.0 | -742.15 | 600.70 | -1442.85 | 2.929e+04 | -0.03 | 3.025e+04 |
| | | 3.025e+04 | -5.771e+04 | -3.10e-04 | 0.0 | 40.0 | -742.15 | 206.95 | -1442.85 | 2.929e+04 | -5.771e+04 | 2.455e+05 |
| 20 | 407 | 1.682e+05 | -0.02 | -0.02 | -393.75 | 0.0 | -518.97 | 360.46 | -1022.75 | 2.005e+04 | -0.02 | 2.152e+04 |
| | | 2.152e+04 | -4.091e+04 | -2.11e-04 | 0.0 | 40.0 | -518.97 | -33.29 | -1022.75 | 2.005e+04 | -4.091e+04 | 1.682e+05 |
| 20 | 432 | 1.876e+05 | -0.04 | -0.02 | -393.75 | 0.0 | -893.10 | 472.35 | -1595.30 | 3.456e+04 | -0.04 | 3.686e+04 |
| | | 3.686e+04 | -6.381e+04 | -7.73e-04 | 0.0 | 40.0 | -893.10 | 78.60 | -1595.30 | 3.456e+04 | -6.381e+04 | 1.876e+05 |
| 20 | 435 | 1.487e+05 | -1.39e-03 | -0.02 | -393.75 | 0.0 | -144.84 | 248.57 | -450.20 | 5546.18 | -1.39e-03 | 6184.54 |
| | | 6184.54 | -1.801e+04 | 3.52e-04 | 0.0 | 40.0 | -144.84 | -145.18 | -450.20 | 5546.18 | -1.801e+04 | 1.487e+05 |
| 20 | 436 | 1.873e+05 | -0.04 | -0.02 | -393.75 | 0.0 | -887.04 | 470.93 | -1600.30 | 3.469e+04 | -0.04 | 3.659e+04 |
| | | 3.659e+04 | -6.401e+04 | -7.77e-04 | 0.0 | 40.0 | -887.04 | 77.18 | -1600.30 | 3.469e+04 | -6.401e+04 | 1.873e+05 |
| 20 | 439 | 1.490e+05 | -1.24e-03 | -0.02 | -393.75 | 0.0 | -150.90 | 249.99 | -445.20 | 5416.22 | -1.24e-03 | 6454.11 |
| | | 6454.11 | -1.781e+04 | 3.55e-04 | 0.0 | 40.0 | -150.90 | -143.76 | -445.20 | 5416.22 | -1.781e+04 | 1.490e+05 |
| 20 | 464 | 1.778e+05 | -0.03 | -0.02 | -393.75 | 0.0 | -704.48 | 415.83 | -1307.05 | 2.725e+04 | -0.03 | 2.913e+04 |
| | | 2.913e+04 | -5.228e+04 | -4.90e-04 | 0.0 | 40.0 | -704.48 | 22.08 | -1307.05 | 2.725e+04 | -5.228e+04 | 1.778e+05 |
| 20 | 467 | 1.585e+05 | -0.01 | -0.02 | -393.75 | 0.0 | -333.47 | 305.09 | -738.45 | 1.285e+04 | -0.01 | 1.392e+04 |
| | | 1.392e+04 | -2.954e+04 | 6.89e-05 | 0.0 | 40.0 | -333.47 | -88.66 | -738.45 | 1.285e+04 | -2.954e+04 | 1.585e+05 |
| 20 | 468 | 1.776e+05 | -0.03 | -0.02 | -393.75 | 0.0 | -701.58 | 415.14 | -1309.56 | 2.732e+04 | -0.03 | 2.900e+04 |
| | | 2.900e+04 | -5.238e+04 | -4.92e-04 | 0.0 | 40.0 | -701.58 | 21.39 | -1309.56 | 2.732e+04 | -5.238e+04 | 1.776e+05 |
| 20 | 471 | 1.587e+05 | -0.01 | -0.02 | -393.75 | 0.0 | -336.36 | 305.78 | -735.94 | 1.279e+04 | -0.01 | 1.405e+04 |
| | | 1.405e+04 | -2.944e+04 | 7.05e-05 | 0.0 | 40.0 | -336.36 | -87.97 | -735.94 | 1.279e+04 | -2.944e+04 | 1.587e+05 |
| 21 | 49 | 4.835e+06 | 4.507e+04 | -0.17 | -1223.70 | 0.0 | 1.732e+05 | 2.761e+04 | 526.20 | -1.982e+05 | -9755.90 | 3.185e+06 |
| | | 3.185e+06 | -9755.90 | -2.48e-04 | 138.40 | 92.1 | 1.732e+05 | 2.638e+04 | 664.60 | -1.982e+05 | 4.507e+04 | 4.835e+06 |
| 21 | 101 | 1.767e+06 | 6.350e+04 | -0.06 | -1223.70 | 0.0 | 8.944e+04 | 1.009e+04 | 721.65 | -1.623e+04 | -9328.93 | 1.190e+06 |
| | | 1.190e+06 | -9328.93 | -4.16e-04 | 138.40 | 92.1 | 8.944e+04 | 8867.55 | 860.05 | -1.623e+04 | 6.350e+04 | 1.767e+06 |
| 21 | 108 | 1.119e+06 | 2.991e+04 | -0.04 | -906.45 | 0.0 | 5.991e+04 | 6730.77 | 377.80 | -1.523e+04 | -4884.04 | 7.377e+05 |
| | | 7.377e+05 | -4884.04 | -2.68e-04 | 0.0 | 92.1 | 5.991e+04 | 5824.32 | 377.80 | -1.523e+04 | 2.991e+04 | 1.119e+06 |
| 21 | 169 | 1.938e+06 | 4.196e+04 | -0.06 | -1223.70 | 0.0 | 9.555e+04 | 1.081e+04 | 515.57 | -5.599e+04 | -1.189e+04 | 1.314e+06 |
| | | 1.314e+06 | -1.189e+04 | -1.33e-04 | 138.40 | 92.1 | 9.555e+04 | 9585.52 | 653.97 | -5.599e+04 | 4.196e+04 | 1.938e+06 |
| 21 | 200 | 1.276e+06 | 2.451e+04 | -0.04 | -906.45 | 0.0 | 5.629e+04 | 6731.12 | 318.65 | -2.234e+04 | -4828.95 | 8.917e+05 |
| | | 8.917e+05 | -4828.95 | -1.11e-04 | 0.0 | 92.1 | 5.629e+04 | 5824.67 | 318.65 | -2.234e+04 | 2.451e+04 | 1.276e+06 |
| 21 | 285 | 3.576e+06 | 3.257e+04 | -0.13 | -906.45 | 0.0 | 1.282e+05 | 2.044e+04 | 382.53 | -1.465e+05 | -6898.34 | 1.355e+06 |
| | | 2.355e+06 | -6898.34 | -1.96e-04 | 92.27 | 92.1 | 1.282e+05 | 1.953e+04 | 474.80 | -1.465e+05 | 3.257e+04 | 3.576e+06 |
| 21 | 311 | 1.285e+06 | 4.548e+04 | -0.04 | -906.45 | 0.0 | 6.529e+04 | 7369.48 | 518.75 | -1.190e+04 | -6538.79 | 8.641e+05 |
| | | 8.641e+05 | -6538.79 | -3.15e-04 | 92.27 | 92.1 | 6.529e+04 | 6463.03 | 611.02 | -1.190e+04 | 4.548e+04 | 1.285e+06 |
| 21 | 314 | 1.108e+06 | 3.621e+04 | -0.04 | -906.45 | 0.0 | 5.740e+04 | 6485.43 | 448.83 | -1.293e+04 | -5121.96 | 7.422e+05 |
| | | 7.422e+05 | -5121.96 | -3.34e-04 | 0.0 | 92.1 | 5.740e+04 | 5578.99 | 448.83 | -1.293e+04 | 3.621e+04 | 1.108e+06 |
| 21 | 345 | 1.430e+06 | 3.027e+04 | -0.05 | -906.45 | 0.0 | 7.066e+04 | 7995.80 | 374.66 | -4.122e+04 | -8479.82 | 9.692e+05 |
| | | 9.692e+05 | -8479.82 | -1.09e-04 | 92.27 | 92.1 | 7.066e+04 | 7089.35 | 466.92 | -4.122e+04 | 3.027e+04 | 1.430e+06 |
| 21 | 360 | 1.223e+06 | 3.226e+04 | -0.04 | -906.45 | 0.0 | 5.472e+04 | 6484.78 | 405.42 | -1.816e+04 | -5071.51 | 8.560e+05 |
| | | 8.560e+05 | -5071.51 | -2.16e-04 | 0.0 | 92.1 | 5.472e+04 | 5578.33 | 405.42 | -1.816e+04 | 3.226e+04 | 1.223e+06 |
| 21 | 391 | 1.009e+06 | 3.802e+04 | -0.03 | -906.45 | 0.0 | 4.615e+04 | 5504.50 | 443.67 | -1137.76 | -2835.33 | 7.032e+05 |
| | | 7.032e+05 | -2835.33 | -3.61e-04 | 0.0 | 92.1 | 4.615e+04 | 4598.05 | 443.67 | -1137.76 | 3.802e+04 | 1.009e+06 |
| 21 | 392 | 1.025e+06 | 3.765e+04 | -0.03 | -906.45 | 0.0 | 4.580e+04 | 5506.70 | 439.06 | -1493.73 | -2783.05 | 7.189e+05 |
| | | 7.189e+05 | -2783.05 | -3.60e-04 | 0.0 | 92.1 | 4.580e+04 | 4600.25 | 439.06 | -1493.73 | 3.765e+04 | 1.025e+06 |
| 21 | 396 | 2.742e+06 | 3.672e+04 | -0.10 | -906.45 | 0.0 | 1.000e+05 | 1.582e+04 | 435.13 | -9.528e+04 | -3347.29 | 1.806e+06 |
| | | 1.806e+06 | -3347.29 | -3.94e-04 | 0.0 | 92.1 | 1.000e+05 | 1.492e+04 | 435.13 | -9.528e+04 | 3.672e+04 | 2.742e+06 |
| 21 | 402 | 1.133e+06 | 3.499e+04 | -0.04 | -906.45 | 0.0 | 5.688e+04 | 6492.71 | 429.22 | -1.629e+04 | -4533.41 | 7.663e+05 |
| | | 7.663e+05 | -4533.41 | -3.22e-04 | 0.0 | 92.1 | 5.688e+04 | 5586.26 | 429.22 | -1.629e+04 | 3.499e+04 | 1.133e+06 |
| 21 | 407 | 1.009e+06 | 3.802e+04 | -0.03 | -906.45 | 0.0 | 4.615e+04 | 5504.50 | 443.67 | -1137.76 | -2835.33 | 7.032e+05 |
| | | 7.032e+05 | -2835.33 | -3.61e-04 | 0.0 | 92.1 | 4.615e+04 | 4598.05 | 443.67 | -1137.76 | 3.802e+04 | 1.009e+06 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|----------|------|-----------|-----------|----------|------------|------------|-----------|
| 21 | 420 | 6.201e+05 | 4.981e+04 | -0.02 | -906.45 | 0.0 | 6.278e+04 | 4106.03 | 588.40 | 7310.18 | -3565.12 | 3.984e+05 |
| | | 3.984e+05 | -3565.12 | -7.33e-04 | 0.0 | 92.1 | 6.278e+04 | 3199.58 | 588.40 | 7310.18 | 4.981e+04 | 6.201e+05 |
| 21 | 422 | 1.418e+06 | 3.067e+04 | -0.05 | -906.45 | 0.0 | 3.036e+04 | 6996.06 | 341.44 | -5895.82 | 224.49 | 9.853e+05 |
| | | 9.853e+05 | 224.49 | -7.68e-04 | 0.0 | 92.1 | 3.036e+04 | 6089.62 | 341.44 | -5895.82 | 3.067e+04 | 1.418e+06 |
| 21 | 423 | 1.397e+06 | 2.623e+04 | -0.05 | -906.45 | 0.0 | 2.953e+04 | 6902.96 | 298.93 | -9585.70 | -2105.54 | 1.008e+06 |
| | | 1.008e+06 | -2105.54 | -5.07e-05 | 0.0 | 92.1 | 2.953e+04 | 5996.52 | 298.93 | -9585.70 | 2.623e+04 | 1.397e+06 |
| 21 | 433 | 8.561e+05 | 3.339e+04 | -0.03 | -906.45 | 0.0 | 4.956e+04 | 4921.83 | 409.42 | -5455.23 | -7328.47 | 6.539e+05 |
| | | 6.539e+05 | -7328.47 | 9.74e-04 | 0.0 | 92.1 | 4.956e+04 | 4015.39 | 409.42 | -5455.23 | 3.339e+04 | 8.561e+05 |
| 21 | 448 | 8.141e+05 | 4.388e+04 | -0.03 | -906.45 | 0.0 | 5.471e+04 | 4804.80 | 518.83 | 3279.31 | -3329.29 | 5.438e+05 |
| | | 5.438e+05 | -3329.29 | -5.09e-04 | 0.0 | 92.1 | 5.471e+04 | 3898.35 | 518.83 | 3279.31 | 4.388e+04 | 8.141e+05 |
| 21 | 450 | 1.222e+06 | 3.427e+04 | -0.04 | -906.45 | 0.0 | 3.833e+04 | 6270.73 | 394.71 | -3438.05 | -1412.63 | 8.442e+05 |
| | | 8.442e+05 | -1412.63 | -5.29e-04 | 0.0 | 92.1 | 3.833e+04 | 5364.28 | 394.71 | -3438.05 | 3.427e+04 | 1.222e+06 |
| 21 | 451 | 1.204e+06 | 3.216e+04 | -0.04 | -906.45 | 0.0 | 3.760e+04 | 6204.19 | 368.50 | -5554.82 | -2341.37 | 8.626e+05 |
| | | 8.626e+05 | -2341.37 | -2.21e-04 | 0.0 | 92.1 | 3.760e+04 | 5297.75 | 368.50 | -5554.82 | 3.216e+04 | 1.204e+06 |
| 21 | 452 | 8.097e+05 | 4.392e+04 | -0.03 | -906.45 | 0.0 | 5.454e+04 | 4794.56 | 516.24 | 3140.33 | -3218.99 | 5.474e+05 |
| | | 5.474e+05 | -3218.99 | -5.39e-04 | 0.0 | 92.1 | 5.454e+04 | 3888.11 | 516.24 | 3140.33 | 4.392e+04 | 8.097e+05 |
| 21 | 465 | 9.312e+05 | 3.575e+04 | -0.03 | -906.45 | 0.0 | 4.789e+04 | 5210.81 | 427.02 | -3269.85 | -5058.51 | 6.774e+05 |
| | | 6.774e+05 | -5058.51 | 3.05e-04 | 0.0 | 92.1 | 4.789e+04 | 4304.36 | 427.02 | -3269.85 | 3.575e+04 | 9.312e+05 |
| 22 | 49 | 4.433e+06 | -3.252e+04 | -0.16 | -1223.70 | 0.0 | 1.582e+05 | 2.471e+04 | -1844.96 | -1.780e+05 | -3.252e+04 | 2.957e+06 |
| | | 2.957e+06 | -2.024e+05 | 1.20e-03 | 0.0 | 92.1 | 1.582e+05 | 2.348e+04 | -1844.96 | -1.780e+05 | -2.024e+05 | 4.433e+06 |
| 22 | 108 | 1.055e+06 | -5121.22 | -0.04 | -906.45 | 0.0 | 5.740e+04 | 6240.33 | -295.83 | -3.606e+04 | -5121.22 | 7.007e+05 |
| | | 7.007e+05 | -3.236e+04 | 1.14e-04 | 0.0 | 92.1 | 5.740e+04 | 5333.89 | -295.83 | -3.606e+04 | -3.236e+04 | 1.055e+06 |
| 22 | 124 | 1.444e+06 | -4914.30 | -0.05 | -906.45 | 0.0 | 6.532e+04 | 7433.53 | -401.11 | -4.270e+04 | -4914.30 | 1.016e+06 |
| | | 1.016e+06 | -4.185e+04 | 2.41e-04 | 0.0 | 92.1 | 6.532e+04 | 6527.08 | -401.11 | -4.270e+04 | -4.185e+04 | 1.444e+06 |
| 22 | 200 | 1.204e+06 | -5195.15 | -0.04 | -906.45 | 0.0 | 5.364e+04 | 6223.74 | -323.23 | -3.991e+04 | -5195.15 | 8.503e+05 |
| | | 8.503e+05 | -3.496e+04 | 2.36e-04 | 0.0 | 92.1 | 5.364e+04 | 5317.30 | -323.23 | -3.991e+04 | -3.496e+04 | 1.204e+06 |
| 22 | 285 | 3.279e+06 | -2.390e+04 | -0.12 | -906.45 | 0.0 | 1.171e+05 | 1.829e+04 | -1364.54 | -1.313e+05 | -2.390e+04 | 2.187e+06 |
| | | 2.187e+06 | -1.495e+05 | 8.76e-04 | 0.0 | 92.1 | 1.171e+05 | 1.738e+04 | -1364.54 | -1.313e+05 | -1.495e+05 | 3.279e+06 |
| 22 | 314 | 1.055e+06 | -4187.80 | -0.04 | -906.45 | 0.0 | 5.488e+04 | 6147.00 | -261.16 | -3.179e+04 | -4187.80 | 7.042e+05 |
| | | 7.042e+05 | -2.824e+04 | 7.43e-05 | 0.0 | 92.1 | 5.488e+04 | 5240.56 | -261.16 | -3.179e+04 | -2.824e+04 | 1.055e+06 |
| 22 | 322 | 1.324e+06 | -4041.55 | -0.04 | -906.45 | 0.0 | 5.989e+04 | 6940.64 | -332.63 | -3.643e+04 | -4041.55 | 9.248e+05 |
| | | 9.248e+05 | -3.467e+04 | 1.58e-04 | 0.0 | 92.1 | 5.989e+04 | 6034.20 | -332.63 | -3.643e+04 | -3.467e+04 | 1.324e+06 |
| 22 | 360 | 1.165e+06 | -4230.91 | -0.04 | -906.45 | 0.0 | 5.210e+04 | 6134.02 | -280.82 | -3.460e+04 | -4230.91 | 8.148e+05 |
| | | 8.148e+05 | -3.009e+04 | 1.54e-04 | 0.0 | 92.1 | 5.210e+04 | 5227.58 | -280.82 | -3.460e+04 | -3.009e+04 | 1.165e+06 |
| 22 | 392 | 1.011e+06 | -941.36 | -0.03 | -906.45 | 0.0 | 4.457e+04 | 5459.86 | -168.84 | -1.229e+04 | -941.36 | 6.997e+05 |
| | | 6.997e+05 | -1.649e+04 | -7.09e-05 | 0.0 | 92.1 | 4.457e+04 | 4553.41 | -168.84 | -1.229e+04 | -1.649e+04 | 1.011e+06 |
| 22 | 393 | 9.962e+05 | -2210.13 | -0.03 | -906.45 | 0.0 | 4.497e+04 | 5464.93 | -176.85 | -1.314e+04 | -2210.13 | 6.840e+05 |
| | | 6.840e+05 | -1.850e+04 | 1.10e-04 | 0.0 | 92.1 | 4.497e+04 | 4558.48 | -176.85 | -1.314e+04 | -1.850e+04 | 9.962e+05 |
| 22 | 396 | 2.559e+06 | -1.518e+04 | -0.09 | -906.45 | 0.0 | 9.277e+04 | 1.448e+04 | -951.24 | -8.058e+04 | -1.518e+04 | 1.697e+06 |
| | | 1.697e+06 | -1.028e+05 | 4.83e-04 | 0.0 | 92.1 | 9.277e+04 | 1.357e+04 | -951.24 | -8.058e+04 | -1.028e+05 | 2.559e+06 |
| 22 | 407 | 9.958e+05 | -1002.95 | -0.03 | -906.45 | 0.0 | 4.495e+04 | 5461.59 | -168.33 | -1.232e+04 | -1002.95 | 6.842e+05 |
| | | 6.842e+05 | -1.650e+04 | -7.01e-05 | 0.0 | 92.1 | 4.495e+04 | 4555.14 | -168.33 | -1.232e+04 | -1.650e+04 | 9.958e+05 |
| 22 | 421 | 6.167e+05 | -3542.16 | -0.02 | -906.45 | 0.0 | 6.109e+04 | 6837.84 | -161.15 | -1.951e+04 | -3542.16 | 3.844e+05 |
| | | 3.844e+05 | -1.724e+04 | 3.59e-04 | 0.0 | 92.1 | 6.109e+04 | 5931.40 | -161.15 | -1.951e+04 | -1.724e+04 | 6.167e+05 |
| 22 | 422 | 1.375e+06 | 1536.26 | -0.05 | -906.45 | 0.0 | 2.881e+04 | 4085.34 | -175.50 | -5131.45 | 1536.26 | 9.841e+05 |
| | | 9.841e+05 | -1.576e+04 | -4.99e-04 | 0.0 | 92.1 | 2.881e+04 | 3178.89 | -175.50 | -5131.45 | -1.576e+04 | 1.375e+06 |
| 22 | 423 | 1.391e+06 | -785.29 | -0.05 | -906.45 | 0.0 | 2.930e+04 | 4170.71 | -223.43 | -9246.42 | -785.29 | 9.641e+05 |
| | | 9.641e+05 | -2.172e+04 | 3.18e-04 | 0.0 | 92.1 | 2.930e+04 | 3264.26 | -223.43 | -9246.42 | -2.172e+04 | 1.391e+06 |
| 22 | 434 | 1.085e+06 | 3397.18 | -0.04 | -906.45 | 0.0 | 3.941e+04 | 4920.39 | -97.37 | -4101.55 | 3397.18 | 8.043e+05 |
| | | 8.043e+05 | -5944.50 | -1.44e-03 | 0.0 | 92.1 | 3.941e+04 | 4013.94 | -97.37 | -4101.55 | -5944.50 | 1.085e+06 |
| 22 | 439 | 1.138e+06 | -4458.67 | -0.04 | -906.45 | 0.0 | 4.099e+04 | 5203.80 | -257.54 | -1.764e+04 | -4458.67 | 7.379e+05 |
| | | 7.379e+05 | -2.711e+04 | 1.29e-03 | 0.0 | 92.1 | 4.099e+04 | 4297.36 | -257.54 | -1.764e+04 | -2.711e+04 | 1.138e+06 |
| 22 | 449 | 8.049e+05 | -2084.77 | -0.03 | -906.45 | 0.0 | 5.318e+04 | 6174.50 | -162.80 | -1.587e+04 | -2084.77 | 5.270e+05 |
| | | 5.270e+05 | -1.647e+04 | 1.24e-04 | 0.0 | 92.1 | 5.318e+04 | 5268.05 | -162.80 | -1.587e+04 | -1.647e+04 | 8.049e+05 |
| 22 | 450 | 1.187e+06 | 78.87 | -0.04 | -906.45 | 0.0 | 3.672e+04 | 4748.68 | -173.86 | -8771.15 | 78.87 | 8.415e+05 |
| | | 8.415e+05 | -1.653e+04 | -2.50e-04 | 0.0 | 92.1 | 3.672e+04 | 3842.23 | -173.86 | -8771.15 | -1.653e+04 | 1.187e+06 |
| 22 | 451 | 1.201e+06 | -700.53 | -0.04 | -906.45 | 0.0 | 3.714e+04 | 4821.79 | -194.50 | -1.069e+04 | -700.53 | 8.237e+05 |
| | | 8.237e+05 | -1.875e+04 | 1.11e-04 | 0.0 | 92.1 | 3.714e+04 | 3915.35 | -194.50 | -1.069e+04 | -1.875e+04 | 1.201e+06 |
| 22 | 466 | 1.042e+06 | 1172.22 | -0.04 | -906.45 | 0.0 | 4.216e+04 | 5189.06 | -133.31 | -8213.61 | 1172.22 | 7.451e+05 |
| | | 7.451e+05 | -1.126e+04 | -7.49e-04 | 0.0 | 92.1 | 4.216e+04 | 4282.62 | -133.31 | -8213.61 | -1.126e+04 | 1.042e+06 |
| 22 | 471 | 1.068e+06 | -2704.41 | -0.03 | -906.45 | 0.0 | 4.294e+04 | 5328.86 | -212.64 | -1.496e+04 | -2704.41 | 7.123e+05 |
| | | 7.123e+05 | -2.177e+04 | 6.02e-04 | 0.0 | 92.1 | 4.294e+04 | 4422.42 | -212.64 | -1.496e+04 | -2.177e+04 | 1.068e+06 |
| 23 | 30 | 1.750e+06 | 2.240e+04 | -0.05 | -906.45 | 0.0 | 7.521e+04 | 6585.65 | 379.95 | -2.560e+04 | -1.258e+04 | 1.368e+06 |
| | | 1.368e+06 | -1.258e+04 | 4.32e-04 | 0.0 | 92.1 | 7.521e+04 | 5679.21 | 379.95 | -2.560e+04 | 2.240e+04 | 1.750e+06 |
| 23 | 43 | 3.565e+06 | 5.188e+04 | -0.12 | -1223.70 | 0.0 | 1.283e+05 | 1.963e+04 | 613.14 | -1.209e+05 | -4580.49 | 2.381e+06 |
| | | 2.381e+06 | -4580.49 | 8.57e-04 | 0.0 | 92.1 | 1.283e+05 | 1.841e+04 | 613.14 | -1.209e+05 | 5.188e+04 | 3.565e+06 |
| 23 | 51 | 4.167e+06 | 4.662e+04 | -0.15 | -1223.70 | 0.0 | 1.447e+05 | 2.317e+04 | 617.20 | -2.042e+05 | -1.021e+04 | 2.761e+06 |
| | | 2.761e+06 | -1.021e+04 | 1.11e-03 | 0.0 | 92.1 | 1.447e+05 | 2.195e+04 | 617.20 | -2.042e+05 | 4.662e+04 | 4.167e+06 |
| 23 | 106 | 1.013e+06 | 7127.27 | -0.03 | -906.45 | 0.0 | 5.459e+04 | 6182.93 | 127.72 | -1.809e+04 | -4633.61 | 6.564e+05 |
| | | 6.564e+05 | -4633.61 | 3.15e-04 | 0.0 | 92.1 | 5.459e+04 | 5276.48 | 127.72 | -1.809e+04 | 7127.27 | 1.013e+06 |
| 23 | 198 | 1.161e+06 | 6297.60 | -0.04 | -906.45 | 0.0 | 5.106e+04 | 6183.70 | 128.19 | -2.108e+04 | -5506.26 | 8.052e+05 |
| | | 8.052e+05 | -5506.26 | 4.17e-04 | 0.0 | 92.1 | 5.106e+04 | 5277.26 | 128.19 | -2.108e+04 | 6297.60 | 1.161e+06 |
| 23 | 275 | 1.570e+06 | 2.119e+04 | -0.05 | -906.45 | 0.0 | 6.807e+04 | 6403.12 | 324.37 | -1.387e+04 | -8681.57 | 1.199e+06 |
| | | 1.199e+06 | -8681.57 | 3.32e-04 | 0.0 | 92.1 | 6.807e+04 | 5496.67 | 324.37 | -1.387e+04 | 2.119e+04 | 1.570e+06 |
| 23 | 282 | 2.621e+06 | 3.804e+04 | -0.09 | -906.45 | 0.0 | 9.420e+04 | 1.446e+04 | 448.78 | -9.031e+04 | -3283.38 | 1.750e+06 |
| | | 1.750e+06 | -3283.38 | 6.20e-04 | 0.0 | 92.1 | 9.420e+04 | 1.355e+04 | 448.78 | -9.031e+04 | 3.804e+04 | 2.621e+06 |
| 23 | 286 | 3.082e+06 | 3.461e+04 | -0.11 | -906.45 | 0.0 | 1.071e+05 | 1.715e+04 | 457.07 | -1.516e+05 | -7478.16 | 2.042e+06 |

| | | | | | | | | | | | | |
|----|-----|-----------|------------|-----------|----------|------|-----------|-----------|----------|------------|------------|-----------|
| | | 2.042e+06 | -7478.16 | 8.05e-04 | 0.0 | 92.1 | 1.071e+05 | 1.624e+04 | 457.07 | -1.516e+05 | 3.461e+04 | 3.082e+06 |
| 23 | 313 | 1.024e+06 | 9948.41 | -0.03 | -906.45 | 0.0 | 5.280e+04 | 6105.53 | 138.20 | -8250.76 | -2777.30 | 6.714e+05 |
| | | 6.714e+05 | -2777.30 | 2.42e-04 | 0.0 | 92.1 | 5.280e+04 | 5199.08 | 138.20 | -8250.76 | 9948.41 | 1.024e+06 |
| 23 | 359 | 1.133e+06 | 9257.33 | -0.04 | -906.45 | 0.0 | 5.019e+04 | 6105.44 | 137.86 | -1.052e+04 | -3437.16 | 7.813e+05 |
| | | 7.813e+05 | -3437.16 | 3.21e-04 | 0.0 | 92.1 | 5.019e+04 | 5198.99 | 137.86 | -1.052e+04 | 9257.33 | 1.133e+06 |
| 23 | 392 | 1.011e+06 | 1.627e+04 | -0.03 | -906.45 | 0.0 | 4.459e+04 | 5460.90 | 167.24 | 1.185e+04 | 868.06 | 6.996e+05 |
| | | 6.996e+05 | 868.06 | 8.41e-05 | 0.0 | 92.1 | 4.459e+04 | 4554.46 | 167.24 | 1.185e+04 | 1.627e+04 | 1.011e+06 |
| 23 | 395 | 1.306e+06 | 2.572e+04 | -0.04 | -906.45 | 0.0 | 5.772e+04 | 5604.03 | 307.94 | 1.195e+04 | -2638.79 | 9.850e+05 |
| | | 9.850e+05 | -2638.79 | 8.71e-05 | 0.0 | 92.1 | 5.772e+04 | 4697.58 | 307.94 | 1.195e+04 | 2.572e+04 | 1.306e+06 |
| 23 | 396 | 2.439e+06 | 3.402e+04 | -0.09 | -906.45 | 0.0 | 8.699e+04 | 1.365e+04 | 391.61 | -9.286e+04 | -2039.57 | 1.617e+06 |
| | | 1.617e+06 | -2039.57 | 5.02e-04 | 0.0 | 92.1 | 8.699e+04 | 1.274e+04 | 391.61 | -9.286e+04 | 3.402e+04 | 2.439e+06 |
| 23 | 399 | 1.011e+06 | 1.360e+04 | -0.03 | -906.45 | 0.0 | 5.329e+04 | 6126.45 | 160.83 | -6317.24 | -1206.57 | 6.569e+05 |
| | | 6.569e+05 | -1206.57 | -2.29e-05 | 0.0 | 92.1 | 5.329e+04 | 5220.00 | 160.83 | -6317.24 | 1.360e+04 | 1.011e+06 |
| 23 | 407 | 9.957e+05 | 1.628e+04 | -0.03 | -906.45 | 0.0 | 4.497e+04 | 5462.66 | 166.69 | 1.187e+04 | 927.86 | 6.841e+05 |
| | | 6.841e+05 | 927.86 | 8.37e-05 | 0.0 | 92.1 | 4.497e+04 | 4556.21 | 166.69 | 1.187e+04 | 1.628e+04 | 9.957e+05 |
| 23 | 412 | 6.171e+05 | 1.713e+04 | -0.02 | -906.45 | 0.0 | 6.113e+04 | 6836.37 | 161.91 | 1.926e+04 | 3406.01 | 3.838e+05 |
| | | 3.838e+05 | 3406.01 | -3.60e-04 | 0.0 | 92.1 | 6.113e+04 | 5929.93 | 161.91 | 1.926e+04 | 1.713e+04 | 6.171e+05 |
| 23 | 414 | 1.391e+06 | 2.164e+04 | -0.05 | -906.45 | 0.0 | 2.929e+04 | 4168.04 | 224.17 | 8661.42 | 629.81 | 9.636e+05 |
| | | 9.636e+05 | 629.81 | -2.91e-04 | 0.0 | 92.1 | 2.929e+04 | 3261.60 | 224.17 | 8661.42 | 2.164e+04 | 1.391e+06 |
| 23 | 415 | 1.374e+06 | 1.542e+04 | -0.05 | -906.45 | 0.0 | 2.881e+04 | 4088.94 | 171.47 | 4486.21 | -1550.29 | 8.844e+05 |
| | | 8.844e+05 | -1550.29 | 5.28e-04 | 0.0 | 92.1 | 2.881e+04 | 3182.50 | 171.47 | 4486.21 | 1.542e+04 | 1.374e+06 |
| 23 | 434 | 1.140e+06 | 2.732e+04 | -0.04 | -906.45 | 0.0 | 4.099e+04 | 5194.24 | 263.86 | 1.724e+04 | 4144.93 | 7.364e+05 |
| | | 7.364e+05 | 4144.93 | -1.27e-03 | 0.0 | 92.1 | 4.099e+04 | 4287.80 | 263.86 | 1.724e+04 | 2.732e+04 | 1.140e+06 |
| 23 | 439 | 1.084e+06 | 5273.72 | -0.04 | -906.45 | 0.0 | 3.943e+04 | 4931.78 | 87.82 | 3540.76 | -3236.76 | 8.056e+05 |
| | | 8.056e+05 | -3236.76 | 1.45e-03 | 0.0 | 92.1 | 3.943e+04 | 4025.33 | 87.82 | 3540.76 | 5273.72 | 1.084e+06 |
| 23 | 440 | 8.045e+05 | 1.633e+04 | -0.03 | -906.45 | 0.0 | 5.316e+04 | 6164.76 | 162.73 | 1.558e+04 | 1968.82 | 5.277e+05 |
| | | 5.277e+05 | 1968.82 | -1.18e-04 | 0.0 | 92.1 | 5.316e+04 | 5258.32 | 162.73 | 1.558e+04 | 1.633e+04 | 8.045e+05 |
| 23 | 442 | 1.201e+06 | 1.862e+04 | -0.04 | -906.45 | 0.0 | 3.709e+04 | 4811.47 | 194.43 | 1.023e+04 | 574.89 | 8.245e+05 |
| | | 8.245e+05 | 574.89 | -9.56e-05 | 0.0 | 92.1 | 3.709e+04 | 3905.02 | 194.43 | 1.023e+04 | 1.862e+04 | 1.201e+06 |
| 23 | 443 | 1.187e+06 | 1.622e+04 | -0.04 | -906.45 | 0.0 | 3.678e+04 | 4760.55 | 170.65 | 8163.00 | -113.10 | 8.405e+05 |
| | | 8.405e+05 | -113.10 | 2.71e-04 | 0.0 | 92.1 | 3.678e+04 | 3854.11 | 170.65 | 8163.00 | 1.622e+04 | 1.187e+06 |
| 23 | 466 | 1.069e+06 | 2.176e+04 | -0.03 | -906.45 | 0.0 | 4.295e+04 | 5324.89 | 214.92 | 1.454e+04 | 2510.52 | 7.115e+05 |
| | | 7.115e+05 | 2510.52 | -5.88e-04 | 0.0 | 92.1 | 4.295e+04 | 4418.45 | 214.92 | 1.454e+04 | 2.176e+04 | 1.069e+06 |
| 23 | 471 | 1.041e+06 | 1.082e+04 | -0.04 | -906.45 | 0.0 | 4.218e+04 | 5195.02 | 127.78 | 7711.84 | -1130.06 | 7.457e+05 |
| | | 7.457e+05 | -1130.06 | 7.63e-04 | 0.0 | 92.1 | 4.218e+04 | 4288.57 | 127.78 | 7711.84 | 1.082e+04 | 1.041e+06 |
| 24 | 51 | 3.891e+06 | 1.682e+04 | -0.13 | -1223.70 | 0.0 | 1.339e+05 | 2.173e+04 | -1746.50 | -1.491e+05 | -1.682e+04 | 2.606e+06 |
| | | 2.606e+06 | -1.682e+04 | 2.41e-03 | -138.40 | 92.1 | 1.339e+05 | 2.051e+04 | -1884.90 | -1.491e+05 | -1.840e+05 | 3.891e+06 |
| 24 | 106 | 9.616e+05 | -2054.71 | -0.03 | -906.45 | 0.0 | 5.252e+04 | 5989.20 | -561.00 | -3.121e+04 | -2054.71 | 6.257e+05 |
| | | 6.257e+05 | -2054.71 | 6.55e-04 | 0.0 | 92.1 | 5.252e+04 | 5082.75 | -561.00 | -3.121e+04 | -5.371e+04 | 9.616e+05 |
| 24 | 107 | 1.358e+06 | 2562.38 | -0.05 | -1223.70 | 0.0 | 7.070e+04 | 8090.29 | -788.26 | -2.869e+04 | 2562.38 | 9.041e+05 |
| | | 9.041e+05 | 2562.38 | 6.98e-04 | -230.67 | 92.1 | 7.070e+04 | 6866.58 | -1018.93 | -2.869e+04 | -8.064e+04 | 1.358e+06 |
| 24 | 198 | 1.114e+06 | -2691.45 | -0.04 | -906.45 | 0.0 | 4.944e+04 | 6053.82 | -521.58 | -3.052e+04 | -2691.45 | 7.759e+05 |
| | | 7.759e+05 | -2691.45 | 7.42e-04 | 0.0 | 92.1 | 4.944e+04 | 5147.38 | -521.58 | -3.052e+04 | -5.072e+04 | 1.114e+06 |
| 24 | 286 | 2.877e+06 | -1.255e+04 | -0.10 | -906.45 | 0.0 | 9.907e+04 | 1.608e+04 | -1285.88 | -1.106e+05 | -1.255e+04 | 1.926e+06 |
| | | 1.926e+06 | -1.255e+04 | 1.77e-03 | -92.27 | 92.1 | 9.907e+04 | 1.518e+04 | -1378.14 | -1.106e+05 | -1.352e+05 | 2.877e+06 |
| 24 | 313 | 9.909e+05 | 209.71 | -0.03 | -906.45 | 0.0 | 5.192e+04 | 5934.52 | -584.27 | -2.147e+04 | 209.71 | 6.592e+05 |
| | | 6.592e+05 | 209.71 | 5.90e-04 | 0.0 | 92.1 | 5.192e+04 | 5028.07 | -584.27 | -2.147e+04 | -5.359e+04 | 9.909e+05 |
| 24 | 314 | 1.001e+06 | 1753.29 | -0.03 | -906.45 | 0.0 | 5.224e+04 | 5977.95 | -576.14 | -2.138e+04 | 1753.29 | 6.649e+05 |
| | | 6.649e+05 | 1753.29 | 5.00e-04 | -153.78 | 92.1 | 5.224e+04 | 5071.51 | -729.92 | -2.138e+04 | -5.838e+04 | 1.001e+06 |
| 24 | 359 | 1.103e+06 | -272.71 | -0.04 | -906.45 | 0.0 | 4.964e+04 | 5981.59 | -555.51 | -2.100e+04 | -272.71 | 7.701e+05 |
| | | 7.701e+05 | -272.71 | 6.54e-04 | 0.0 | 92.1 | 4.964e+04 | 5075.15 | -555.51 | -2.100e+04 | -5.143e+04 | 1.103e+06 |
| 24 | 391 | 1.008e+06 | 2788.29 | -0.03 | -906.45 | 0.0 | 4.619e+04 | 5508.46 | -444.92 | 734.65 | 2788.29 | 7.029e+05 |
| | | 7.029e+05 | 2788.29 | 3.73e-04 | 0.0 | 92.1 | 4.619e+04 | 4602.02 | -444.92 | 734.65 | -3.818e+04 | 1.008e+06 |
| 24 | 392 | 1.024e+06 | 2737.03 | -0.03 | -906.45 | 0.0 | 4.583e+04 | 5510.58 | -440.28 | 1099.24 | 2737.03 | 7.186e+05 |
| | | 7.186e+05 | 2737.03 | 3.72e-04 | 0.0 | 92.1 | 4.583e+04 | 4604.13 | -440.28 | 1099.24 | -3.781e+04 | 1.024e+06 |
| 24 | 396 | 2.322e+06 | -6883.71 | -0.08 | -906.45 | 0.0 | 8.269e+04 | 1.301e+04 | -983.51 | -6.395e+04 | -6883.71 | 1.558e+06 |
| | | 1.558e+06 | -6883.71 | 1.24e-03 | 0.0 | 92.1 | 8.269e+04 | 1.210e+04 | -983.51 | -6.395e+04 | -9.745e+04 | 2.322e+06 |
| 24 | 399 | 9.805e+05 | 1542.06 | -0.03 | -906.45 | 0.0 | 5.234e+04 | 5939.66 | -578.50 | -2.064e+04 | 1542.06 | 6.458e+05 |
| | | 6.458e+05 | 1542.06 | 4.01e-04 | 0.0 | 92.1 | 5.234e+04 | 5033.21 | -578.50 | -2.064e+04 | -5.173e+04 | 9.805e+05 |
| 24 | 407 | 1.008e+06 | 2788.29 | -0.03 | -906.45 | 0.0 | 4.619e+04 | 5508.46 | -444.92 | 734.65 | 2788.29 | 7.029e+05 |
| | | 7.029e+05 | 2788.29 | 3.73e-04 | 0.0 | 92.1 | 4.619e+04 | 4602.02 | -444.92 | 734.65 | -3.818e+04 | 1.008e+06 |
| 24 | 413 | 6.205e+05 | 3625.39 | -0.02 | -906.45 | 0.0 | 6.294e+04 | 4139.94 | -592.44 | -7774.97 | 3625.39 | 3.952e+05 |
| | | 3.952e+05 | 3625.39 | 7.41e-04 | 0.0 | 92.1 | 6.294e+04 | 3233.50 | -592.44 | -7774.97 | -5.016e+04 | 6.205e+05 |
| 24 | 414 | 1.396e+06 | 1951.20 | -0.05 | -906.45 | 0.0 | 2.944e+04 | 6876.98 | -297.39 | 9244.26 | 1951.20 | 1.011e+06 |
| | | 1.011e+06 | 1951.20 | 6.15e-05 | 0.0 | 92.1 | 2.944e+04 | 5970.54 | -297.39 | 9244.26 | -2.620e+04 | 1.396e+06 |
| 24 | 415 | 1.419e+06 | -219.37 | -0.05 | -906.45 | 0.0 | 3.040e+04 | 7037.93 | -344.48 | 5508.18 | -219.37 | 9.824e+05 |
| | | 9.824e+05 | -219.37 | 7.89e-04 | 0.0 | 92.1 | 3.040e+04 | 6131.49 | -344.48 | 5508.18 | -3.098e+04 | 1.419e+06 |
| 24 | 436 | 8.521e+05 | 7018.02 | -0.03 | -906.45 | 0.0 | 4.938e+04 | 4811.61 | -402.99 | 5135.01 | 7018.02 | 6.623e+05 |
| | | 6.623e+05 | 7018.02 | -9.65e-04 | 0.0 | 92.1 | 4.938e+04 | 3905.16 | -402.99 | 5135.01 | -3.299e+04 | 8.521e+05 |
| 24 | 441 | 8.113e+05 | 3213.99 | -0.03 | -906.45 | 0.0 | 5.463e+04 | 4821.04 | -519.59 | -3434.95 | 3213.99 | 5.422e+05 |
| | | 5.422e+05 | 3213.99 | 5.20e-04 | 0.0 | 92.1 | 5.463e+04 | 3914.59 | -519.59 | -3434.95 | -4.389e+04 | 8.113e+05 |
| 24 | 443 | 1.220e+06 | 1270.10 | -0.04 | -906.45 | 0.0 | 3.820e+04 | 6290.89 | -394.97 | 3322.04 | 1270.10 | 8.427e+05 |
| | | 8.427e+05 | 1270.10 | 5.47e-04 | 0.0 | 92.1 | 3.820e+04 | 5384.45 | -394.97 | 3322.04 | -3.427e+04 | 1.220e+06 |
| 24 | 445 | 8.097e+05 | 3225.75 | -0.03 | -906.45 | 0.0 | 5.465e+04 | 4813.38 | -518.87 | -3575.24 | 3225.75 | 5.456e+05 |
| | | 5.456e+05 | 3225.75 | 5.50e-04 | 0.0 | 92.1 | 5.465e+04 | 3906.93 | -518.87 | -3575.24 | -4.418e+04 | 8.097e+05 |
| 24 | 446 | 1.207e+06 | 2350.83 | -0.04 | -906.45 | 0.0 | 3.773e+04 | 6203.55 | -370.96 | 5044.53 | 2350.83 | 8.601e+05 |
| | | 8.601e+05 | 2350.83 | 2.08e-04 | 0.0 | 92.1 | 3.773e+04 | 5297.11 | -370.96 | 5044.53 | -3.218e+04 | 1.207e+06 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|---------|-------|-----------|---------|---------|-----------|------------|------------|
| 24 | 460 | 9.236e+05 | 4917.90 | -0.03 | -906.45 | 0.0 | 4.787e+04 | 5132.64 | -422.09 | 2441.88 | 4917.90 | 6.928e+05 |
| | | 6.928e+05 | -3.658e+04 | -1.91e-04 | 0.0 | 92.1 | 4.787e+04 | 4226.20 | -422.09 | 2441.88 | -3.658e+04 | 9.236e+05 |
| 25 | 49 | -9.250e+04 | -4.238e+04 | -0.05 | -648.00 | 0.0 | -4624.31 | 1222.14 | 180.56 | 6425.61 | -7.127e+04 | -1.830e+05 |
| | | -1.830e+05 | -7.127e+04 | 0.03 | 0.0 | 160.0 | -4624.31 | 574.14 | 180.56 | 6425.61 | -4.238e+04 | -9.250e+04 |
| 25 | 51 | -9.475e+04 | -4.279e+04 | -0.05 | -648.00 | 0.0 | -4907.65 | 1248.54 | 176.28 | 6303.87 | -7.099e+04 | -1.879e+05 |
| | | -1.879e+05 | -7.099e+04 | 0.03 | 0.0 | 160.0 | -4907.65 | 600.54 | 176.28 | 6303.87 | -4.279e+04 | -9.475e+04 |
| 25 | 114 | -2.285e+04 | -1.479e+04 | -6.79e-03 | -480.00 | 0.0 | -1802.32 | 356.73 | 23.05 | 760.24 | -1.848e+04 | -4.108e+04 |
| | | -4.108e+04 | -1.848e+04 | 8.02e-03 | 0.0 | 160.0 | -1802.32 | -123.27 | 23.05 | 760.24 | -1.479e+04 | -2.656e+04 |
| 25 | 154 | -2.752e+04 | -1.382e+04 | -7.10e-03 | -480.00 | 0.0 | -1560.90 | 376.82 | 29.29 | 863.78 | -1.851e+04 | -4.674e+04 |
| | | -4.674e+04 | -1.851e+04 | 7.82e-03 | 0.0 | 160.0 | -1560.90 | -103.18 | 29.29 | 863.78 | -1.382e+04 | -3.079e+04 |
| 25 | 198 | -2.806e+04 | -1.403e+04 | -6.96e-03 | -480.00 | 0.0 | -1540.14 | 376.78 | 27.40 | 834.24 | -1.841e+04 | -4.698e+04 |
| | | -4.698e+04 | -1.403e+04 | 7.82e-03 | 0.0 | 160.0 | -1540.14 | -103.22 | 27.40 | 834.24 | -1.403e+04 | -3.146e+04 |
| 25 | 285 | -6.699e+04 | -3.141e+04 | -0.04 | -480.00 | 0.0 | -3388.72 | 916.54 | 133.62 | 4769.25 | -5.279e+04 | -1.351e+05 |
| | | -1.351e+05 | -5.279e+04 | 0.02 | 0.0 | 160.0 | -3388.72 | 436.54 | 133.62 | 4769.25 | -3.141e+04 | -6.699e+04 |
| 25 | 286 | -6.850e+04 | -3.169e+04 | -0.04 | -480.00 | 0.0 | -3577.61 | 934.15 | 130.76 | 4688.08 | -5.261e+04 | -1.384e+05 |
| | | -1.384e+05 | -5.261e+04 | 0.02 | 0.0 | 160.0 | -3577.61 | 454.15 | 130.76 | 4688.08 | -3.169e+04 | -6.850e+04 |
| 25 | 317 | -3.137e+04 | -1.527e+04 | -2.87e-03 | -480.00 | 0.0 | -1985.54 | 232.97 | 12.81 | 346.38 | -1.732e+04 | -4.145e+04 |
| | | -4.145e+04 | -1.732e+04 | 7.80e-03 | 0.0 | 160.0 | -1985.54 | -247.03 | 12.81 | 346.38 | -1.527e+04 | -4.049e+04 |
| 25 | 337 | -3.504e+04 | -1.455e+04 | -3.10e-03 | -480.00 | 0.0 | -1806.26 | 247.89 | 17.45 | 423.27 | -1.734e+04 | -4.565e+04 |
| | | -4.565e+04 | -1.455e+04 | 7.65e-03 | 0.0 | 160.0 | -1806.26 | -232.11 | 17.45 | 423.27 | -1.455e+04 | -3.103e+04 |
| 25 | 359 | -3.536e+04 | -1.469e+04 | -3.00e-03 | -480.00 | 0.0 | -1791.41 | 247.90 | 16.16 | 402.92 | -1.728e+04 | -4.582e+04 |
| | | -4.582e+04 | -1.469e+04 | 7.65e-03 | 0.0 | 160.0 | -1791.41 | -232.10 | 16.16 | 402.92 | -1.469e+04 | -4.409e+04 |
| 25 | 391 | -2.933e+04 | -1.435e+04 | 4.07e-03 | -480.00 | 0.0 | -1478.98 | 154.77 | -5.50 | -393.59 | -1.435e+04 | -3.519e+04 |
| | | -4.356e+04 | -1.435e+04 | 6.96e-03 | 0.0 | 160.0 | -1478.98 | -325.23 | -5.50 | -393.59 | -1.435e+04 | -3.519e+04 |
| 25 | 392 | -2.990e+04 | -1.431e+04 | 4.14e-03 | -480.00 | 0.0 | -1448.36 | 156.58 | -5.66 | -399.98 | -1.431e+04 | -3.581e+04 |
| | | -4.406e+04 | -1.521e+04 | 6.95e-03 | 0.0 | 160.0 | -1448.36 | -323.42 | -5.66 | -399.98 | -1.521e+04 | -4.406e+04 |
| 25 | 396 | -6.069e+04 | -2.777e+04 | -0.02 | -480.00 | 0.0 | -2639.14 | 643.86 | 80.46 | 2790.41 | -4.064e+04 | -1.009e+05 |
| | | -1.009e+05 | -4.064e+04 | 0.02 | 0.0 | 160.0 | -2639.14 | 163.86 | 80.46 | 2790.41 | -2.777e+04 | -6.069e+04 |
| 25 | 407 | -2.933e+04 | -1.435e+04 | 4.07e-03 | -480.00 | 0.0 | -1478.98 | 154.77 | -5.50 | -393.59 | -1.435e+04 | -3.519e+04 |
| | | -4.356e+04 | -1.523e+04 | 6.96e-03 | 0.0 | 160.0 | -1478.98 | -325.23 | -5.50 | -393.59 | -1.523e+04 | -4.356e+04 |
| 25 | 412 | -1.257e+04 | -1.401e+04 | 2.55e-03 | -480.00 | 0.0 | -2270.52 | 121.25 | -10.29 | -280.08 | -1.401e+04 | -2.003e+04 |
| | | -2.458e+04 | -1.565e+04 | 6.83e-03 | 0.0 | 160.0 | -2270.52 | -358.75 | -10.29 | -280.08 | -1.565e+04 | -2.458e+04 |
| 25 | 415 | -4.590e+04 | -1.470e+04 | 5.59e-03 | -480.00 | 0.0 | -687.43 | 188.30 | -0.71 | -507.10 | -1.470e+04 | -5.043e+04 |
| | | -6.253e+04 | -1.481e+04 | 7.09e-03 | 0.0 | 160.0 | -687.43 | -291.70 | -0.71 | -507.10 | -1.481e+04 | -6.253e+04 |
| 25 | 434 | -2.878e+04 | -1.188e+04 | 5.96e-03 | -480.00 | 0.0 | -1548.05 | 136.85 | -36.39 | -786.29 | -1.188e+04 | -3.590e+04 |
| | | -4.123e+04 | -1.770e+04 | 6.57e-03 | 0.0 | 160.0 | -1548.05 | -343.15 | -36.39 | -786.29 | -1.770e+04 | -4.123e+04 |
| 25 | 440 | -2.173e+04 | -1.422e+04 | 3.16e-03 | -480.00 | 0.0 | -1892.35 | 136.48 | -7.38 | -328.97 | -1.422e+04 | -2.720e+04 |
| | | -3.660e+04 | -1.540e+04 | 6.93e-03 | 0.0 | 160.0 | -1892.35 | -343.52 | -7.38 | -328.97 | -1.540e+04 | -3.660e+04 |
| 25 | 442 | -3.716e+04 | -1.385e+04 | 5.12e-03 | -480.00 | 0.0 | -1184.37 | 162.44 | -11.56 | -545.45 | -1.385e+04 | -4.163e+04 |
| | | -5.373e+04 | -1.570e+04 | 6.94e-03 | 0.0 | 160.0 | -1184.37 | -317.56 | -11.56 | -545.45 | -1.570e+04 | -5.373e+04 |
| 25 | 443 | -3.693e+04 | -1.448e+04 | 4.98e-03 | -480.00 | 0.0 | -1065.60 | 173.06 | -3.61 | -458.20 | -1.448e+04 | -4.317e+04 |
| | | -5.052e+04 | -1.506e+04 | 6.99e-03 | 0.0 | 160.0 | -1065.60 | -306.94 | -3.61 | -458.20 | -1.506e+04 | -5.052e+04 |
| 25 | 444 | -2.082e+04 | -1.419e+04 | 3.29e-03 | -480.00 | 0.0 | -1874.77 | 137.98 | -7.82 | -334.43 | -1.419e+04 | -2.745e+04 |
| | | -3.390e+04 | -1.544e+04 | 6.89e-03 | 0.0 | 160.0 | -1874.77 | -342.02 | -7.82 | -334.43 | -1.544e+04 | -3.390e+04 |
| 25 | 466 | -2.917e+04 | -1.313e+04 | 5.03e-03 | -480.00 | 0.0 | -1512.11 | 145.95 | -20.82 | -589.66 | -1.313e+04 | -3.561e+04 |
| | | -4.248e+04 | -1.646e+04 | 6.76e-03 | 0.0 | 160.0 | -1512.11 | -334.05 | -20.82 | -589.66 | -1.646e+04 | -4.248e+04 |
| 26 | 49 | 5.839e+04 | 6731.69 | -0.03 | -324.00 | 0.0 | 2461.23 | 2420.46 | 1041.38 | 1.377e+04 | -7.658e+04 | -7.957e+04 |
| | | -7.957e+04 | -7.658e+04 | 3.64e-03 | 0.0 | 80.0 | 2461.23 | 2096.46 | 1041.38 | 1.377e+04 | 6731.69 | 5.839e+04 |
| 26 | 50 | 7.609e+04 | 6356.64 | -0.03 | -240.00 | 0.0 | 3610.67 | 2294.56 | 1007.74 | 1.358e+04 | -7.426e+04 | -5.524e+04 |
| | | -5.524e+04 | -7.426e+04 | 3.59e-03 | 0.0 | 80.0 | 3610.67 | 2054.56 | 1007.74 | 1.358e+04 | 6356.64 | 7.609e+04 |
| 26 | 51 | 5.883e+04 | 6731.70 | -0.03 | -324.00 | 0.0 | 2375.44 | 2470.09 | 1034.72 | 1.368e+04 | -7.605e+04 | -8.155e+04 |
| | | -8.155e+04 | -7.605e+04 | 3.60e-03 | 0.0 | 80.0 | 2375.44 | 2146.09 | 1034.72 | 1.368e+04 | 6731.70 | 5.883e+04 |
| 26 | 52 | 7.654e+04 | 6356.65 | -0.03 | -240.00 | 0.0 | 3524.88 | 2344.20 | 1001.07 | 1.349e+04 | -7.373e+04 | -5.721e+04 |
| | | -5.721e+04 | -7.373e+04 | 3.54e-03 | 0.0 | 80.0 | 3524.88 | 2104.20 | 1001.07 | 1.349e+04 | 6356.65 | 7.654e+04 |
| 26 | 107 | -6454.53 | 1649.55 | -4.12e-03 | -324.00 | 0.0 | -2213.98 | 911.54 | 178.54 | 1743.08 | -1.263e+04 | -5.594e+04 |
| | | -5.594e+04 | -1.263e+04 | -5.59e-04 | 0.0 | 80.0 | -2213.98 | 587.54 | 178.54 | 1743.08 | 1649.55 | -6454.53 |
| 26 | 285 | 4.463e+04 | 4986.55 | -0.02 | -240.00 | 0.0 | 1899.49 | 1794.69 | 770.50 | 1.020e+04 | -5.665e+04 | -5.752e+04 |
| | | -5.752e+04 | -5.665e+04 | 2.69e-03 | 0.0 | 80.0 | 1899.49 | 1554.69 | 770.50 | 1.020e+04 | 4986.55 | 4.463e+04 |
| 26 | 286 | 4.493e+04 | 4986.55 | -0.02 | -240.00 | 0.0 | 1842.30 | 1827.78 | 766.06 | 1.013e+04 | -5.630e+04 | -5.883e+04 |
| | | -5.883e+04 | -5.630e+04 | 2.66e-03 | 0.0 | 80.0 | 1842.30 | 1587.78 | 766.06 | 1.013e+04 | 4986.55 | 4.493e+04 |
| 26 | 314 | -3340.01 | 1222.23 | -3.09e-03 | -240.00 | 0.0 | -1547.56 | 672.04 | 132.02 | 1293.63 | -9339.01 | -3.971e+04 |
| | | -3.971e+04 | -9339.01 | -4.15e-04 | 0.0 | 80.0 | -1547.56 | 432.04 | 132.02 | 1293.63 | 1222.23 | -3340.01 |
| 26 | 396 | 2.215e+04 | 3870.03 | -0.01 | -240.00 | 0.0 | 1136.69 | 1195.82 | 558.58 | 6997.70 | -4.082e+04 | -4.459e+04 |
| | | -4.459e+04 | -4.082e+04 | 1.86e-03 | 0.0 | 80.0 | 1136.69 | 955.82 | 558.58 | 6997.70 | 3870.03 | 2.215e+04 |
| 26 | 399 | -1248.56 | 1228.11 | -3.28e-03 | -240.00 | 0.0 | -1362.02 | 642.88 | 130.07 | 1314.16 | -9177.58 | -3.537e+04 |
| | | -3.537e+04 | -9177.58 | -4.33e-04 | 0.0 | 80.0 | -1362.02 | 402.88 | 130.07 | 1314.16 | 1228.11 | -1248.56 |
| 26 | 407 | -1.514e+04 | 1061.35 | 1.68e-04 | -240.00 | 0.0 | -1134.57 | 362.23 | 97.23 | 575.35 | -6717.38 | -3.317e+04 |
| | | -3.317e+04 | -6717.38 | -4.48e-04 | 0.0 | 80.0 | -1134.57 | 122.23 | 97.23 | 575.35 | 1061.35 | -1.514e+04 |
| 26 | 412 | -2785.74 | 2707.11 | 5.17e-04 | -240.00 | 0.0 | -1979.52 | 409.20 | 129.73 | 812.18 | -7613.07 | -1.758e+04 |
| | | -1.758e+04 | -7613.07 | -5.56e-04 | 0.0 | 80.0 | -1979.52 | 169.20 | 129.73 | 812.18 | 2707.11 | -2785.74 |
| 26 | 413 | -7404.15 | 2887.12 | -6.16e-04 | -240.00 | 0.0 | -1712.96 | 400.05 | 152.86 | 1031.94 | -9405.09 | -2.236e+04 |
| | | -2.236e+04 | -9405.09 | -4.73e-04 | 0.0 | 80.0 | -1712.96 | 160.05 | 152.86 | 1031.94 | 2887.12 | -7404.15 |
| 26 | 415 | -2.749e+04 | -584.40 | -2.02e-04 | -240.00 | 0.0 | -289.63 | 315.26 | 64.74 | 338.51 | -5821.70 | -4.876e+04 |
| | | -4.876e+04 | -5821.70 | -3.39e-04 | 0.0 | 80.0 | -289.63 | 75.26 | 64.74 | 338.51 | -584.40 | -2.749e+04 |
| 26 | 423 | -2.747e+04 | -584.07 | -2.91e-04 | -240.00 | 0.0 | -294.54 | 401.65 | 65.52 | 306.48 | -9342.87 | -4.887e+04 |
| | | -4.887e+04 | -9342.87 | 4.46e-04 | 0.0 | 80.0 | -294.54 | 161.65 | 65.52 | 306.48 | -584.07 | -2.747e+04 |
| 26 | 433 | -1.982e+04 | 1882.09 | -1.79e-03 | -240.00 | 0.0 | -903.81 | 359.69 | 149.01 | 1045.63 | -1.024e+04 | -3.718e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|---------|-------|----------|---------|---------|----------|------------|------------|
| | | -3.718e+04 | -1.024e+04 | 3.97e-04 | 0.0 | 80.0 | -903.81 | 119.69 | 149.01 | 1045.63 | 1882.09 | -1.982e+04 |
| 26 | 440 | -8497.35 | 1866.07 | 5.11e-04 | -240.00 | 0.0 | -1582.19 | 386.49 | 113.32 | 690.48 | -7182.40 | -2.474e+04 |
| | | -2.474e+04 | -7182.40 | -4.85e-04 | 0.0 | 80.0 | -1582.19 | 146.49 | 113.32 | 690.48 | 1866.07 | -8497.35 |
| 26 | 441 | -1.150e+04 | 2013.58 | -4.07e-04 | -240.00 | 0.0 | -1398.40 | 381.13 | 125.72 | 810.94 | -8063.63 | -2.809e+04 |
| | | -2.809e+04 | -8063.63 | -4.74e-04 | 0.0 | 80.0 | -1398.40 | 141.13 | 125.72 | 810.94 | 2013.58 | -1.150e+04 |
| 26 | 443 | -2.178e+04 | 256.64 | -1.96e-04 | -240.00 | 0.0 | -686.95 | 337.97 | 81.15 | 460.21 | -6252.37 | -4.160e+04 |
| | | -4.160e+04 | -6252.37 | -4.11e-04 | 0.0 | 80.0 | -686.95 | 97.97 | 81.15 | 460.21 | 256.64 | -2.178e+04 |
| 26 | 451 | -2.177e+04 | 256.78 | -2.41e-04 | -240.00 | 0.0 | -689.42 | 381.95 | 81.52 | 444.15 | -8033.69 | -4.165e+04 |
| | | -4.165e+04 | -8033.69 | -4.30e-04 | 0.0 | 80.0 | -689.42 | 141.95 | 81.52 | 444.15 | 256.78 | -2.177e+04 |
| 26 | 465 | -1.741e+04 | 1473.26 | -8.13e-04 | -240.00 | 0.0 | -1021.26 | 361.07 | 123.02 | 809.98 | -8468.82 | -3.509e+04 |
| | | -3.509e+04 | -8468.82 | -3.88e-04 | 0.0 | 80.0 | -1021.26 | 121.07 | 123.02 | 809.98 | 1473.26 | -1.741e+04 |
| 27 | 26 | -3.095e+04 | -1.624e+04 | -0.02 | -480.00 | 0.0 | -1103.25 | 116.07 | 40.87 | 1535.01 | -2.277e+04 | -3.490e+04 |
| | | -4.867e+04 | -2.277e+04 | 9.36e-03 | 0.0 | 160.0 | -1103.25 | -363.93 | 40.87 | 1535.01 | -1.624e+04 | -4.867e+04 |
| 27 | 49 | -6.862e+04 | -6.605e+04 | -0.06 | -648.00 | 0.0 | 27.09 | 75.45 | 141.98 | 6766.01 | -8.876e+04 | -7.141e+04 |
| | | -9.912e+04 | -8.876e+04 | 0.04 | 0.0 | 160.0 | 27.09 | -572.55 | 141.98 | 6766.01 | -6.605e+04 | -9.912e+04 |
| 27 | 52 | -3.900e+04 | -6.144e+04 | -0.06 | -480.00 | 0.0 | 1523.57 | -123.64 | 131.94 | 6333.50 | -8.255e+04 | -3.900e+04 |
| | | -7.874e+04 | -8.255e+04 | 0.03 | 0.0 | 160.0 | 1523.57 | -603.64 | 131.94 | 6333.50 | -6.144e+04 | -7.874e+04 |
| 27 | 101 | -4.291e+04 | -2.598e+04 | -0.01 | -648.00 | 0.0 | -2759.43 | 318.27 | 27.75 | 1418.18 | -3.042e+04 | -5.467e+04 |
| | | -5.707e+04 | -3.042e+04 | 0.01 | 0.0 | 160.0 | -2759.43 | -329.73 | 27.75 | 1418.18 | -2.598e+04 | -5.707e+04 |
| 27 | 112 | 410.08 | -2.171e+04 | -0.02 | -480.00 | 0.0 | -400.74 | 47.30 | 43.91 | 2161.95 | -2.874e+04 | -981.37 |
| | | -2.476e+04 | -2.874e+04 | 0.01 | 0.0 | 160.0 | -400.74 | -432.70 | 43.91 | 2161.95 | -2.171e+04 | -2.476e+04 |
| 27 | 273 | -3.684e+04 | -1.570e+04 | -0.01 | -480.00 | 0.0 | -1670.89 | 243.61 | 33.47 | 1334.98 | -2.106e+04 | -4.624e+04 |
| | | -4.665e+04 | -2.106e+04 | 8.78e-03 | 0.0 | 160.0 | -1670.89 | -236.39 | 33.47 | 1334.98 | -1.570e+04 | -4.665e+04 |
| 27 | 285 | -4.931e+04 | -4.897e+04 | -0.04 | -480.00 | 0.0 | 103.42 | 45.90 | 104.23 | 4983.65 | -6.565e+04 | -5.110e+04 |
| | | -7.276e+04 | -6.565e+04 | 0.03 | 0.0 | 160.0 | 103.42 | -434.10 | 104.23 | 4983.65 | -4.897e+04 | -7.276e+04 |
| 27 | 286 | -4.737e+04 | -4.916e+04 | -0.04 | -480.00 | 0.0 | 245.17 | 63.50 | 101.38 | 4902.50 | -6.538e+04 | -4.959e+04 |
| | | -6.951e+04 | -6.538e+04 | 0.03 | 0.0 | 160.0 | 245.17 | -416.50 | 101.38 | 4902.50 | -4.916e+04 | -6.951e+04 |
| 27 | 311 | -3.000e+04 | -1.901e+04 | -9.79e-03 | -480.00 | 0.0 | -1942.54 | 229.70 | 19.59 | 1019.33 | -2.215e+04 | -3.837e+04 |
| | | -4.085e+04 | -2.215e+04 | 9.82e-03 | 0.0 | 160.0 | -1942.54 | -250.30 | 19.59 | 1019.33 | -1.901e+04 | -4.085e+04 |
| 27 | 316 | -1.546e+04 | -1.973e+04 | -0.02 | -480.00 | 0.0 | -1180.24 | 190.12 | 36.17 | 1812.46 | -2.551e+04 | -2.143e+04 |
| | | -2.952e+04 | -2.551e+04 | 0.01 | 0.0 | 160.0 | -1180.24 | -289.88 | 36.17 | 1812.46 | -1.973e+04 | -2.952e+04 |
| 27 | 393 | -2.912e+04 | -1.420e+04 | -4.31e-03 | -480.00 | 0.0 | -1705.67 | 328.86 | 9.60 | 454.33 | -1.574e+04 | -4.406e+04 |
| | | -4.406e+04 | -1.420e+04 | 7.11e-03 | 0.0 | 160.0 | -1705.67 | -151.14 | 9.60 | 454.33 | -1.420e+04 | -4.406e+04 |
| 27 | 396 | -4.721e+04 | -3.889e+04 | -0.03 | -480.00 | 0.0 | -549.89 | 176.97 | 63.21 | 3206.53 | -4.900e+04 | -5.341e+04 |
| | | -6.088e+04 | -4.900e+04 | 0.02 | 0.0 | 160.0 | -549.89 | -303.03 | 63.21 | 3206.53 | -3.889e+04 | -6.088e+04 |
| 27 | 399 | -2.199e+04 | -1.682e+04 | -8.85e-03 | -480.00 | 0.0 | -1618.95 | 271.93 | 14.30 | 889.00 | -1.910e+04 | -3.229e+04 |
| | | -3.229e+04 | -1.910e+04 | 8.52e-03 | 0.0 | 160.0 | -1618.95 | -208.07 | 14.30 | 889.00 | -1.682e+04 | -3.229e+04 |
| 27 | 407 | -2.932e+04 | -1.430e+04 | -4.19e-03 | -480.00 | 0.0 | -1704.83 | 325.90 | 6.36 | 412.75 | -1.532e+04 | -4.359e+04 |
| | | -4.359e+04 | -1.532e+04 | 6.98e-03 | 0.0 | 160.0 | -1704.83 | -154.10 | 6.36 | 412.75 | -1.430e+04 | -4.359e+04 |
| 27 | 413 | -1.262e+04 | -1.386e+04 | -2.84e-03 | -480.00 | 0.0 | -2487.72 | 359.29 | 12.20 | 323.09 | -1.581e+04 | -2.469e+04 |
| | | -2.469e+04 | -1.581e+04 | 7.12e-03 | 0.0 | 160.0 | -2487.72 | -120.71 | 12.20 | 323.09 | -1.386e+04 | -2.469e+04 |
| 27 | 421 | -1.263e+04 | -1.394e+04 | -2.67e-03 | -480.00 | 0.0 | -2492.69 | 359.37 | 11.36 | 304.22 | -1.576e+04 | -2.469e+04 |
| | | -2.469e+04 | -1.576e+04 | 7.15e-03 | 0.0 | 160.0 | -2492.69 | -120.63 | 11.36 | 304.22 | -1.394e+04 | -2.469e+04 |
| 27 | 422 | -4.584e+04 | -1.467e+04 | -5.72e-03 | -480.00 | 0.0 | -916.97 | 292.43 | 1.36 | 521.28 | -1.489e+04 | -6.249e+04 |
| | | -6.249e+04 | -1.489e+04 | 6.82e-03 | 0.0 | 160.0 | -916.97 | -187.57 | 1.36 | 521.28 | -1.467e+04 | -6.249e+04 |
| 27 | 439 | -2.892e+04 | -1.181e+04 | -6.00e-03 | -480.00 | 0.0 | -1770.29 | 344.58 | 37.49 | 810.74 | -1.781e+04 | -4.141e+04 |
| | | -4.141e+04 | -1.781e+04 | 7.37e-03 | 0.0 | 160.0 | -1770.29 | -135.42 | 37.49 | 810.74 | -1.181e+04 | -4.141e+04 |
| 27 | 445 | -2.084e+04 | -1.409e+04 | -3.50e-03 | -480.00 | 0.0 | -2096.31 | 342.62 | 9.21 | 365.67 | -1.556e+04 | -3.397e+04 |
| | | -3.397e+04 | -1.556e+04 | 7.05e-03 | 0.0 | 160.0 | -2096.31 | -137.38 | 9.21 | 365.67 | -1.409e+04 | -3.397e+04 |
| 27 | 449 | -2.170e+04 | -1.417e+04 | -3.50e-03 | -480.00 | 0.0 | -2114.85 | 343.78 | 8.23 | 357.75 | -1.549e+04 | -2.743e+04 |
| | | -3.651e+04 | -1.549e+04 | 7.05e-03 | 0.0 | 160.0 | -2114.85 | -136.22 | 8.23 | 357.75 | -1.417e+04 | -3.651e+04 |
| 27 | 450 | -3.694e+04 | -1.444e+04 | -4.89e-03 | -480.00 | 0.0 | -1294.81 | 308.02 | 4.49 | 467.75 | -1.516e+04 | -5.066e+04 |
| | | -5.066e+04 | -1.516e+04 | 6.92e-03 | 0.0 | 160.0 | -1294.81 | -171.98 | 4.49 | 467.75 | -1.444e+04 | -5.066e+04 |
| 27 | 451 | -3.713e+04 | -1.381e+04 | -5.44e-03 | -480.00 | 0.0 | -1409.26 | 318.09 | 12.28 | 571.08 | -1.578e+04 | -5.362e+04 |
| | | -5.362e+04 | -1.578e+04 | 7.00e-03 | 0.0 | 160.0 | -1409.26 | -161.91 | 12.28 | 571.08 | -1.381e+04 | -5.362e+04 |
| 27 | 471 | -2.923e+04 | -1.306e+04 | -5.11e-03 | -480.00 | 0.0 | -1736.12 | 335.10 | 21.81 | 611.42 | -1.655e+04 | -4.259e+04 |
| | | -4.259e+04 | -1.655e+04 | 7.17e-03 | 0.0 | 160.0 | -1736.12 | -144.90 | 21.81 | 611.42 | -1.306e+04 | -4.259e+04 |
| 28 | 49 | -6.998e+04 | 8.676e+04 | -0.06 | -648.00 | 0.0 | 0.39 | 117.67 | -125.07 | -6500.07 | 8.676e+04 | -7.385e+04 |
| | | -9.738e+04 | 8.675e+04 | -0.04 | 0.0 | 160.0 | 0.39 | -530.33 | -125.07 | -6500.07 | 8.675e+04 | -9.738e+04 |
| 28 | 52 | -4.118e+04 | 8.064e+04 | -0.06 | -480.00 | 0.0 | 1500.43 | -83.91 | -115.82 | -6077.31 | 8.064e+04 | -4.118e+04 |
| | | -7.706e+04 | 6.211e+04 | -0.03 | 0.0 | 160.0 | 1500.43 | -563.91 | -115.82 | -6077.31 | 6.211e+04 | -7.706e+04 |
| 28 | 66 | -3.533e+04 | 2.187e+04 | -0.02 | -480.00 | 0.0 | -1193.16 | 193.58 | -39.21 | -1460.87 | 2.187e+04 | -4.252e+04 |
| | | -4.768e+04 | 1.560e+04 | -8.95e-03 | 0.0 | 160.0 | -1193.16 | -286.42 | -39.21 | -1460.87 | 1.560e+04 | -4.768e+04 |
| 28 | 101 | -4.358e+04 | 3.140e+04 | -0.01 | -648.00 | 0.0 | -2797.56 | 302.60 | -34.87 | -1496.12 | 3.140e+04 | -5.464e+04 |
| | | -5.852e+04 | 2.582e+04 | -0.01 | 0.0 | 160.0 | -2797.56 | -345.40 | -34.87 | -1496.12 | 2.582e+04 | -5.852e+04 |
| 28 | 112 | 439.04 | 3.029e+04 | -0.02 | -480.00 | 0.0 | -444.37 | 20.12 | -55.14 | -2277.60 | 3.029e+04 | -460.39 |
| | | -2.686e+04 | 2.147e+04 | -0.01 | 0.0 | 160.0 | -444.37 | -459.88 | -55.14 | -2277.60 | 2.147e+04 | -2.686e+04 |
| 28 | 285 | -5.031e+04 | 6.418e+04 | -0.05 | -480.00 | 0.0 | 83.64 | 76.81 | -91.82 | -4787.23 | 6.418e+04 | -5.285e+04 |
| | | -7.149e+04 | 4.949e+04 | -0.03 | 0.0 | 160.0 | 83.64 | -403.19 | -91.82 | -4787.23 | 4.949e+04 | -7.149e+04 |
| 28 | 286 | -4.836e+04 | 6.395e+04 | -0.04 | -480.00 | 0.0 | 224.64 | 93.58 | -89.28 | -4707.71 | 6.395e+04 | -5.131e+04 |
| | | -6.828e+04 | 4.967e+04 | -0.03 | 0.0 | 160.0 | 224.64 | -386.42 | -89.28 | -4707.71 | 4.967e+04 | -6.828e+04 |
| 28 | 293 | -3.914e+04 | 2.038e+04 | -0.02 | -480.00 | 0.0 | -1741.14 | 301.67 | -32.14 | -1275.22 | 2.038e+04 | -5.199e+04 |
| | | -5.199e+04 | 1.524e+04 | -8.48e-03 | 0.0 | 160.0 | -1741.14 | -178.33 | -32.14 | -1275.22 | 1.524e+04 | -5.199e+04 |
| 28 | 311 | -3.045e+04 | 2.290e+04 | -9.54e-03 | -480.00 | 0.0 | -1970.71 | 217.66 | -25.01 | -1078.13 | 2.290e+04 | -3.832e+04 |
| | | -4.194e+04 | 1.890e+04 | -9.85e-03 | 0.0 | 160.0 | -1970.71 | -262.34 | -25.01 | -1078.13 | 1.890e+04 | -4.194e+04 |
| 28 | 316 | -1.588e+04 | 2.665e+04 | -0.02 | -480.00 | 0.0 | -1215.95 | 170.64 | -44.33 | -1893.11 | 2.665e+04 | -2.115e+04 |
| | | -3.110e+04 | 1.956e+04 | -0.01 | 0.0 | 160.0 | -1215.95 | -309.36 | -44.33 | -1893.11 | 1.956e+04 | -3.110e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|-----------|-----------|---------|-------|----------|---------|----------|------------|-----------|------------|
| 28 | 391 | -2.949e+04 | 1.524e+04 | -4.25e-03 | -480.00 | 0.0 | -1714.36 | 328.19 | -5.59 | -395.75 | 1.524e+04 | -4.391e+04 |
| | | -4.391e+04 | 1.435e+04 | -6.98e-03 | 0.0 | 160.0 | -1714.36 | -151.81 | -5.59 | -395.75 | 1.435e+04 | -3.524e+04 |
| 28 | 393 | -2.925e+04 | 1.555e+04 | -4.39e-03 | -480.00 | 0.0 | -1713.21 | 333.12 | -8.09 | -435.19 | 1.555e+04 | -4.446e+04 |
| | | -4.446e+04 | 1.426e+04 | -7.04e-03 | 0.0 | 160.0 | -1713.21 | -146.88 | -8.09 | -435.19 | 1.426e+04 | -3.452e+04 |
| 28 | 396 | -4.758e+04 | 4.798e+04 | -0.03 | -480.00 | 0.0 | -566.77 | 199.08 | -54.48 | -3065.08 | 4.798e+04 | -5.472e+04 |
| | | -6.001e+04 | 3.926e+04 | -0.02 | 0.0 | 160.0 | -566.77 | -280.92 | -54.48 | -3065.08 | 3.926e+04 | -6.001e+04 |
| 28 | 399 | -2.251e+04 | 2.000e+04 | -8.56e-03 | -480.00 | 0.0 | -1647.21 | 256.87 | -20.77 | -954.13 | 2.000e+04 | -3.209e+04 |
| | | -3.213e+04 | 1.668e+04 | -8.64e-03 | 0.0 | 160.0 | -1647.21 | -223.13 | -20.77 | -954.13 | 1.668e+04 | -3.213e+04 |
| 28 | 407 | -2.949e+04 | 1.524e+04 | -4.25e-03 | -480.00 | 0.0 | -1714.36 | 328.19 | -5.59 | -395.75 | 1.524e+04 | -4.391e+04 |
| | | -4.391e+04 | 1.435e+04 | -6.98e-03 | 0.0 | 160.0 | -1714.36 | -151.81 | -5.59 | -395.75 | 1.435e+04 | -3.524e+04 |
| 28 | 413 | -1.325e+04 | 1.553e+04 | -2.54e-03 | -480.00 | 0.0 | -2437.49 | 360.94 | -8.90 | -310.86 | 1.553e+04 | -2.565e+04 |
| | | -2.565e+04 | 1.410e+04 | -6.98e-03 | 0.0 | 160.0 | -2437.49 | -119.06 | -8.90 | -310.86 | 1.410e+04 | -2.041e+04 |
| 28 | 421 | -1.326e+04 | 1.551e+04 | -2.36e-03 | -480.00 | 0.0 | -2442.17 | 360.77 | -8.76 | -292.13 | 1.551e+04 | -2.564e+04 |
| | | -2.564e+04 | 1.411e+04 | -6.93e-03 | 0.0 | 160.0 | -2442.17 | -119.23 | -8.76 | -292.13 | 1.411e+04 | -2.043e+04 |
| 28 | 422 | -4.559e+04 | 1.497e+04 | -6.15e-03 | -480.00 | 0.0 | -986.55 | 295.60 | -2.41 | -499.38 | 1.497e+04 | -6.219e+04 |
| | | -6.219e+04 | 1.458e+04 | -7.04e-03 | 0.0 | 160.0 | -986.55 | -184.40 | -2.41 | -499.38 | 1.458e+04 | -5.005e+04 |
| 28 | 439 | -3.158e+04 | 1.700e+04 | -4.97e-03 | -480.00 | 0.0 | -1686.62 | 345.06 | -27.61 | -761.62 | 1.700e+04 | -4.544e+04 |
| | | -4.544e+04 | 1.258e+04 | -6.83e-03 | 0.0 | 160.0 | -1686.62 | -134.94 | -27.61 | -761.62 | 1.258e+04 | -3.766e+04 |
| 28 | 441 | -2.121e+04 | 1.532e+04 | -3.30e-03 | -480.00 | 0.0 | -2086.26 | 345.56 | -6.40 | -353.12 | 1.532e+04 | -3.445e+04 |
| | | -3.445e+04 | 1.429e+04 | -7.01e-03 | 0.0 | 160.0 | -2086.26 | -134.44 | -6.40 | -353.12 | 1.429e+04 | -2.775e+04 |
| 28 | 449 | -2.122e+04 | 1.531e+04 | -3.21e-03 | -480.00 | 0.0 | -2088.56 | 345.48 | -6.34 | -343.63 | 1.531e+04 | -3.444e+04 |
| | | -3.444e+04 | 1.430e+04 | -6.98e-03 | 0.0 | 160.0 | -2088.56 | -134.52 | -6.34 | -343.63 | 1.430e+04 | -2.773e+04 |
| 28 | 450 | -3.774e+04 | 1.517e+04 | -5.30e-03 | -480.00 | 0.0 | -1340.16 | 310.90 | -4.84 | -447.88 | 1.517e+04 | -5.338e+04 |
| | | -5.338e+04 | 1.440e+04 | -6.98e-03 | 0.0 | 160.0 | -1340.16 | -169.10 | -4.84 | -447.88 | 1.440e+04 | -5.914e+04 |
| 28 | 471 | -3.060e+04 | 1.611e+04 | -4.63e-03 | -480.00 | 0.0 | -1699.42 | 336.49 | -16.53 | -578.51 | 1.611e+04 | -4.475e+04 |
| | | -4.475e+04 | 1.347e+04 | -6.91e-03 | 0.0 | 160.0 | -1699.42 | -143.51 | -16.53 | -578.51 | 1.347e+04 | -3.651e+04 |
| 29 | 49 | 5.793e+04 | 7.415e+04 | -0.03 | -324.00 | 0.0 | 2339.25 | 2456.25 | -1010.99 | -1.356e+04 | 7.415e+04 | -8.179e+04 |
| | | -8.179e+04 | -6732.64 | -3.59e-03 | 0.0 | 80.0 | 2339.25 | 2132.25 | -1010.99 | -1.356e+04 | -6732.64 | 5.793e+04 |
| 29 | 50 | 7.572e+04 | 7.187e+04 | -0.03 | -240.00 | 0.0 | 3494.10 | 2329.78 | -977.86 | -1.337e+04 | 7.187e+04 | -5.733e+04 |
| | | -5.733e+04 | -6358.40 | -3.53e-03 | 0.0 | 80.0 | 3494.10 | 2089.78 | -977.86 | -1.337e+04 | -6358.40 | 7.572e+04 |
| 29 | 51 | 5.836e+04 | 7.369e+04 | -0.03 | -324.00 | 0.0 | 2255.81 | 2504.53 | -1005.33 | -1.347e+04 | 7.369e+04 | -8.371e+04 |
| | | -8.371e+04 | -6732.64 | -3.56e-03 | 0.0 | 80.0 | 2255.81 | 2180.53 | -1005.33 | -1.347e+04 | -6732.64 | 5.836e+04 |
| 29 | 52 | 7.615e+04 | 7.142e+04 | -0.03 | -240.00 | 0.0 | 3410.67 | 2378.06 | -972.20 | -1.328e+04 | 7.142e+04 | -5.926e+04 |
| | | -5.926e+04 | -6358.40 | -3.50e-03 | 0.0 | 80.0 | 3410.67 | 2138.06 | -972.20 | -1.328e+04 | -6358.40 | 7.615e+04 |
| 29 | 107 | -6908.85 | 1.393e+04 | -3.90e-03 | -324.00 | 0.0 | -2185.33 | 890.61 | -194.71 | -1835.34 | 1.393e+04 | -5.542e+04 |
| | | -5.542e+04 | -1644.64 | 7.46e-04 | 0.0 | 80.0 | -2185.33 | 566.61 | -194.71 | -1835.34 | -1644.64 | -6908.85 |
| 29 | 285 | 4.429e+04 | 5.487e+04 | -0.02 | -240.00 | 0.0 | 1810.08 | 1820.88 | -748.20 | -1.004e+04 | 5.487e+04 | -5.914e+04 |
| | | -5.914e+04 | -4987.20 | -2.66e-03 | 0.0 | 80.0 | 1810.08 | 1580.88 | -748.20 | -1.004e+04 | -4987.20 | 4.429e+04 |
| 29 | 286 | 4.458e+04 | 5.457e+04 | -0.02 | -240.00 | 0.0 | 1754.45 | 1853.07 | -744.43 | -9976.63 | 5.457e+04 | -6.042e+04 |
| | | -6.042e+04 | -4987.20 | -2.64e-03 | 0.0 | 80.0 | 1754.45 | 1613.07 | -744.43 | -9976.63 | -4987.20 | 4.458e+04 |
| 29 | 314 | -3673.52 | 1.031e+04 | -2.93e-03 | -240.00 | 0.0 | -1525.52 | 656.30 | -144.14 | -1362.24 | 1.031e+04 | -3.931e+04 |
| | | -3.931e+04 | -1218.54 | 5.50e-04 | 0.0 | 80.0 | -1525.52 | 416.30 | -144.14 | -1362.24 | -1218.54 | -3673.52 |
| 29 | 396 | 2.186e+04 | 3.957e+04 | -0.01 | -240.00 | 0.0 | 1071.57 | 1214.01 | -542.95 | -6884.37 | 3.957e+04 | -4.577e+04 |
| | | -4.577e+04 | -3870.08 | -1.85e-03 | 0.0 | 80.0 | 1071.57 | 974.01 | -542.95 | -6884.37 | -3870.08 | 2.186e+04 |
| 29 | 399 | -1575.32 | 1.023e+04 | -3.10e-03 | -240.00 | 0.0 | -1335.22 | 625.61 | -143.14 | -1383.12 | 1.023e+04 | -3.488e+04 |
| | | -3.488e+04 | -1224.08 | 5.41e-04 | 0.0 | 80.0 | -1335.22 | 385.61 | -143.14 | -1383.12 | -1224.08 | -1575.32 |
| 29 | 407 | -1.531e+04 | 6608.00 | 1.59e-04 | -240.00 | 0.0 | -1144.92 | 363.76 | -95.83 | -565.79 | 6608.00 | -3.342e+04 |
| | | -3.342e+04 | -1058.69 | 4.34e-04 | 0.0 | 80.0 | -1144.92 | 123.76 | -95.83 | -565.79 | -1058.69 | -1.531e+04 |
| 29 | 412 | -2854.53 | 4442.05 | 1.05e-03 | -240.00 | 0.0 | -1680.63 | 309.62 | -48.25 | -814.16 | 4442.05 | -1.790e+04 |
| | | -1.790e+04 | 602.89 | 3.41e-04 | 0.0 | 80.0 | -1680.63 | 69.62 | -48.25 | -814.16 | 602.89 | -2854.53 |
| 29 | 413 | -7034.13 | 5620.18 | -1.18e-03 | -240.00 | 0.0 | -1928.38 | 325.76 | -63.02 | -985.02 | 5620.18 | -2.181e+04 |
| | | -2.181e+04 | 562.39 | 4.13e-04 | 0.0 | 80.0 | -1928.38 | 85.76 | -63.02 | -985.02 | 562.39 | -7034.13 |
| 29 | 414 | -2.358e+04 | 7595.81 | 1.47e-03 | -240.00 | 0.0 | -361.45 | 401.75 | -128.65 | -146.55 | 7595.81 | -4.503e+04 |
| | | -4.503e+04 | -2679.78 | 4.56e-04 | 0.0 | 80.0 | -361.45 | 161.75 | -128.65 | -146.55 | -2679.78 | -2.358e+04 |
| 29 | 423 | -2.772e+04 | 5500.28 | -8.52e-04 | -240.00 | 0.0 | -614.07 | 419.75 | -61.50 | -295.42 | 5500.28 | -4.901e+04 |
| | | -4.901e+04 | -2721.01 | 4.69e-04 | 0.0 | 80.0 | -614.07 | 179.75 | -61.50 | -295.42 | -2721.01 | -2.772e+04 |
| 29 | 437 | -1.918e+04 | 9080.59 | -3.61e-03 | -240.00 | 0.0 | -1754.25 | 376.28 | -132.97 | -957.30 | 9080.59 | -3.585e+04 |
| | | -3.585e+04 | -633.56 | 5.55e-04 | 0.0 | 80.0 | -1754.25 | 136.28 | -132.97 | -957.30 | -633.56 | -1.918e+04 |
| 29 | 440 | -8742.51 | 5594.14 | 9.42e-04 | -240.00 | 0.0 | -1555.33 | 334.25 | -72.73 | -700.97 | 5594.14 | -2.533e+04 |
| | | -2.533e+04 | -211.26 | 3.91e-04 | 0.0 | 80.0 | -1555.33 | 94.25 | -72.73 | -700.97 | -211.26 | -8742.51 |
| 29 | 443 | -2.187e+04 | 7621.86 | -6.54e-04 | -240.00 | 0.0 | -734.51 | 393.27 | -118.94 | -430.60 | 7621.86 | -4.151e+04 |
| | | -4.151e+04 | -1906.13 | 4.78e-04 | 0.0 | 80.0 | -734.51 | 153.27 | -118.94 | -430.60 | -1906.13 | -2.187e+04 |
| 29 | 451 | -2.186e+04 | 5960.67 | -7.00e-04 | -240.00 | 0.0 | -736.93 | 394.20 | -77.37 | -419.44 | 5960.67 | -4.155e+04 |
| | | -4.155e+04 | -1906.49 | 4.49e-04 | 0.0 | 80.0 | -736.93 | 154.20 | -77.37 | -419.44 | -1906.49 | -2.186e+04 |
| 29 | 469 | -1.718e+04 | 7840.22 | -1.72e-03 | -240.00 | 0.0 | -1447.67 | 369.81 | -114.39 | -761.80 | 7840.22 | -3.456e+04 |
| | | -3.456e+04 | -841.92 | 4.93e-04 | 0.0 | 80.0 | -1447.67 | 129.81 | -114.39 | -761.80 | -841.92 | -1.718e+04 |
| 30 | 49 | -9.264e+04 | 7.091e+04 | -0.05 | -648.00 | 0.0 | -4762.98 | 1240.72 | -166.75 | -6257.52 | 7.091e+04 | -1.849e+05 |
| | | -1.849e+05 | 4.423e+04 | -0.03 | 0.0 | 160.0 | -4762.98 | 592.72 | -166.75 | -6257.52 | 4.423e+04 | -9.264e+04 |
| 30 | 51 | -9.495e+04 | 7.065e+04 | -0.05 | -648.00 | 0.0 | -5041.98 | 1265.89 | -162.95 | -6138.26 | 7.065e+04 | -1.897e+05 |
| | | -1.897e+05 | 4.458e+04 | -0.03 | 0.0 | 160.0 | -5041.98 | 617.89 | -162.95 | -6138.26 | 4.458e+04 | -9.495e+04 |
| 30 | 114 | -2.316e+04 | 1.875e+04 | -6.36e-03 | -480.00 | 0.0 | -1752.50 | 341.33 | -30.68 | -866.50 | 1.875e+04 | -4.035e+04 |
| | | -4.035e+04 | 1.384e+04 | -7.67e-03 | 0.0 | 160.0 | -1752.50 | -138.67 | -30.68 | -866.50 | 1.384e+04 | -2.735e+04 |
| 30 | 138 | -2.821e+04 | 1.838e+04 | -6.90e-03 | -480.00 | 0.0 | -1560.56 | 376.87 | -25.97 | -821.20 | 1.838e+04 | -4.713e+04 |
| | | -4.713e+04 | 1.423e+04 | -7.79e-03 | 0.0 | 160.0 | -1560.56 | -103.13 | -25.97 | -821.20 | 1.423e+04 | -3.161e+04 |
| 30 | 285 | -6.710e+04 | 5.253e+04 | -0.04 | -480.00 | 0.0 | -3490.38 | 930.13 | -123.48 | -4644.85 | 5.253e+04 | -1.365e+05 |
| | | -1.365e+05 | 3.278e+04 | -0.02 | 0.0 | 160.0 | -3490.38 | 450.13 | -123.48 | -4644.85 | 3.278e+04 | -6.710e+04 |
| 30 | 286 | -6.864e+04 | 5.236e+04 | -0.04 | -480.00 | 0.0 | -3676.38 | 946.90 | -120.95 | -4565.34 | 5.236e+04 | -1.397e+05 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|---------|-------|----------|---------|---------|-----------|------------|------------|
| | | -1.397e+05 | 3.300e+04 | -0.02 | 0.0 | 160.0 | -3676.38 | 466.90 | -120.95 | -4565.34 | 3.300e+04 | -6.864e+04 |
| 30 | 317 | -3.146e+04 | 1.753e+04 | -2.55e-03 | -480.00 | 0.0 | -1951.06 | 221.02 | -18.51 | -426.75 | 1.753e+04 | -4.094e+04 |
| | | -4.117e+04 | 1.457e+04 | -7.55e-03 | 0.0 | 160.0 | -1951.06 | -258.98 | -18.51 | -426.75 | 1.457e+04 | -4.117e+04 |
| 30 | 329 | -3.554e+04 | 1.726e+04 | -2.95e-03 | -480.00 | 0.0 | -1809.34 | 247.53 | -15.10 | -394.58 | 1.726e+04 | -4.598e+04 |
| | | -4.598e+04 | 1.484e+04 | -7.64e-03 | 0.0 | 160.0 | -1809.34 | -232.47 | -15.10 | -394.58 | 1.484e+04 | -4.430e+04 |
| 30 | 391 | -2.957e+04 | 1.530e+04 | 4.07e-03 | -480.00 | 0.0 | -1492.22 | 154.82 | 5.83 | 391.27 | 1.436e+04 | -3.542e+04 |
| | | -4.381e+04 | 1.436e+04 | -6.99e-03 | 0.0 | 160.0 | -1492.22 | -325.18 | 5.83 | 391.27 | 1.530e+04 | -4.381e+04 |
| 30 | 392 | -3.014e+04 | 1.527e+04 | 4.15e-03 | -480.00 | 0.0 | -1461.46 | 156.22 | 5.94 | 396.55 | 1.432e+04 | -3.603e+04 |
| | | -4.433e+04 | 1.432e+04 | -6.97e-03 | 0.0 | 160.0 | -1461.46 | -323.78 | 5.94 | 396.55 | 1.527e+04 | -4.433e+04 |
| 30 | 396 | -6.087e+04 | 4.047e+04 | -0.02 | -480.00 | 0.0 | -2712.86 | 652.83 | -73.45 | -2705.01 | 4.047e+04 | -1.019e+05 |
| | | -1.019e+05 | 2.872e+04 | -0.02 | 0.0 | 160.0 | -2712.86 | 172.83 | -73.45 | -2705.01 | 2.872e+04 | -6.087e+04 |
| 30 | 407 | -2.957e+04 | 1.530e+04 | 4.07e-03 | -480.00 | 0.0 | -1492.22 | 154.82 | 5.83 | 391.27 | 1.436e+04 | -3.542e+04 |
| | | -4.381e+04 | 1.436e+04 | -6.99e-03 | 0.0 | 160.0 | -1492.22 | -325.18 | 5.83 | 391.27 | 1.530e+04 | -4.381e+04 |
| 30 | 412 | -1.318e+04 | 1.555e+04 | 2.20e-03 | -480.00 | 0.0 | -2235.42 | 122.06 | 8.79 | 283.41 | 1.414e+04 | -2.048e+04 |
| | | -2.538e+04 | 1.414e+04 | -7.07e-03 | 0.0 | 160.0 | -2235.42 | -357.94 | 8.79 | 283.41 | 1.555e+04 | -2.538e+04 |
| 30 | 415 | -4.582e+04 | 1.504e+04 | 5.95e-03 | -480.00 | 0.0 | -749.01 | 187.59 | 2.87 | 499.14 | 1.558e+04 | -5.036e+04 |
| | | -6.224e+04 | 1.458e+04 | -6.90e-03 | 0.0 | 160.0 | -749.01 | -292.41 | 2.87 | 499.14 | 1.504e+04 | -6.224e+04 |
| 30 | 434 | -3.122e+04 | 1.705e+04 | 4.91e-03 | -480.00 | 0.0 | -1497.66 | 138.38 | 27.81 | 764.47 | 1.260e+04 | -3.742e+04 |
| | | -4.490e+04 | 1.260e+04 | -7.16e-03 | 0.0 | 160.0 | -1497.66 | -341.62 | 27.81 | 764.47 | 1.705e+04 | -4.490e+04 |
| 30 | 440 | -2.120e+04 | 1.535e+04 | 3.13e-03 | -480.00 | 0.0 | -1866.64 | 137.61 | 6.40 | 319.83 | 1.433e+04 | -3.542e+04 |
| | | -3.446e+04 | 1.433e+04 | -7.02e-03 | 0.0 | 160.0 | -1866.64 | -342.39 | 6.40 | 319.83 | 1.535e+04 | -3.446e+04 |
| 30 | 443 | -3.791e+04 | 1.524e+04 | 5.02e-03 | -480.00 | 0.0 | -1117.79 | 172.03 | 5.26 | 462.71 | 1.440e+04 | -4.315e+04 |
| | | -5.316e+04 | 1.440e+04 | -6.95e-03 | 0.0 | 160.0 | -1117.79 | -307.97 | 5.26 | 462.71 | 1.524e+04 | -5.316e+04 |
| 30 | 447 | -3.786e+04 | 1.517e+04 | 5.03e-03 | -480.00 | 0.0 | -1120.34 | 171.25 | 4.40 | 447.48 | 1.447e+04 | -4.305e+04 |
| | | -5.320e+04 | 1.447e+04 | -6.95e-03 | 0.0 | 160.0 | -1120.34 | -308.75 | 4.40 | 447.48 | 1.517e+04 | -5.320e+04 |
| 30 | 466 | -3.046e+04 | 1.617e+04 | 4.51e-03 | -480.00 | 0.0 | -1493.79 | 146.73 | 16.75 | 577.71 | 1.349e+04 | -3.648e+04 |
| | | -4.443e+04 | 1.349e+04 | -7.07e-03 | 0.0 | 160.0 | -1493.79 | -333.27 | 16.75 | 577.71 | 1.617e+04 | -4.443e+04 |
| 31 | 54 | -2.059e+04 | -1.367e+04 | -5.51e-03 | -480.00 | 0.0 | -1641.31 | 354.53 | 31.57 | 930.84 | -1.872e+04 | -3.906e+04 |
| | | -3.906e+04 | -1.574e+04 | 7.71e-03 | 0.0 | 160.0 | -1641.31 | -125.47 | 31.57 | 930.84 | -1.367e+04 | -2.419e+04 |
| 31 | 109 | -8.273e+04 | -4.306e+04 | -0.05 | -648.00 | 0.0 | -4373.25 | 1323.82 | 179.42 | 6902.67 | -7.177e+04 | -1.856e+05 |
| | | -1.856e+05 | -7.177e+04 | 0.03 | 0.0 | 160.0 | -4373.25 | 675.82 | 179.42 | 6902.67 | -4.306e+04 | -8.273e+04 |
| 31 | 111 | -8.482e+04 | -4.343e+04 | -0.05 | -648.00 | 0.0 | -4626.94 | 1345.80 | 175.52 | 6781.86 | -7.151e+04 | -1.899e+05 |
| | | -1.899e+05 | -5.179e+04 | 0.03 | 0.0 | 160.0 | -4626.94 | 697.80 | 175.52 | 6781.86 | -4.343e+04 | -8.482e+04 |
| 31 | 138 | -2.951e+04 | -1.644e+04 | -8.63e-03 | -480.00 | 0.0 | -1466.87 | 405.55 | 36.18 | 1300.86 | -2.223e+04 | -5.090e+04 |
| | | -5.090e+04 | -2.223e+04 | 9.37e-03 | 0.0 | 160.0 | -1466.87 | -74.45 | 36.18 | 1300.86 | -1.644e+04 | -3.198e+04 |
| 31 | 287 | -2.945e+04 | -1.441e+04 | -1.44e-03 | -480.00 | 0.0 | -1833.39 | 227.61 | 19.20 | 466.05 | -1.748e+04 | -3.950e+04 |
| | | -3.950e+04 | -1.441e+04 | 7.57e-03 | 0.0 | 160.0 | -1833.39 | -252.39 | 19.20 | 466.05 | -2.945e+04 | -1.441e+04 |
| 31 | 315 | -5.978e+04 | -3.191e+04 | -0.04 | -480.00 | 0.0 | -3199.69 | 991.93 | 132.81 | 5122.07 | -5.316e+04 | -1.371e+05 |
| | | -1.371e+05 | -5.316e+04 | 0.02 | 0.0 | 160.0 | -3199.69 | 511.93 | 132.81 | 5122.07 | -3.191e+04 | -5.978e+04 |
| 31 | 316 | -6.118e+04 | -3.215e+04 | -0.04 | -480.00 | 0.0 | -3368.82 | 1006.59 | 130.21 | 5041.53 | -5.299e+04 | -1.399e+05 |
| | | -1.399e+05 | -5.299e+04 | 0.02 | 0.0 | 160.0 | -3368.82 | 526.59 | 130.21 | 5041.53 | -3.215e+04 | -6.118e+04 |
| 31 | 329 | -3.663e+04 | -1.646e+04 | -3.77e-03 | -480.00 | 0.0 | -1704.17 | 265.63 | 22.72 | 742.43 | -2.009e+04 | -4.830e+04 |
| | | -4.830e+04 | -2.009e+04 | 8.80e-03 | 0.0 | 160.0 | -1704.17 | -214.37 | 22.72 | 742.43 | -1.646e+04 | -4.435e+04 |
| 31 | 391 | -2.797e+04 | -1.426e+04 | 5.66e-03 | -480.00 | 0.0 | -1368.68 | 149.72 | -5.67 | -411.44 | -1.426e+04 | -3.378e+04 |
| | | -4.227e+04 | -1.517e+04 | 6.95e-03 | 0.0 | 160.0 | -1368.68 | -330.28 | -5.67 | -411.44 | -1.517e+04 | -4.227e+04 |
| 31 | 392 | -2.822e+04 | -1.424e+04 | 5.70e-03 | -480.00 | 0.0 | -1354.92 | 150.83 | -5.78 | -415.51 | -1.424e+04 | -3.407e+04 |
| | | -4.246e+04 | -1.516e+04 | 6.94e-03 | 0.0 | 160.0 | -1354.92 | -329.17 | -5.78 | -415.51 | -1.516e+04 | -4.246e+04 |
| 31 | 399 | -5.581e+04 | -2.810e+04 | -0.02 | -480.00 | 0.0 | -2456.90 | 691.45 | 79.68 | 3000.68 | -4.085e+04 | -1.020e+05 |
| | | -1.020e+05 | -4.085e+04 | 0.02 | 0.0 | 160.0 | -2456.90 | 211.45 | 79.68 | 3000.68 | -2.810e+04 | -5.581e+04 |
| 31 | 407 | -2.797e+04 | -1.426e+04 | 5.66e-03 | -480.00 | 0.0 | -1368.68 | 149.72 | -5.67 | -411.44 | -1.426e+04 | -3.378e+04 |
| | | -4.227e+04 | -1.517e+04 | 6.95e-03 | 0.0 | 160.0 | -1368.68 | -330.28 | -5.67 | -411.44 | -1.517e+04 | -4.227e+04 |
| 31 | 413 | -2.264e+04 | -1.404e+04 | 4.29e-03 | -480.00 | 0.0 | -1871.05 | 141.07 | 8.72 | -203.09 | -1.544e+04 | -2.864e+04 |
| | | -3.664e+04 | -1.544e+04 | 7.05e-03 | 0.0 | 160.0 | -1871.05 | -338.93 | 8.72 | -203.09 | -1.404e+04 | -3.664e+04 |
| 31 | 414 | -3.329e+04 | -1.308e+04 | 7.04e-03 | -480.00 | 0.0 | -866.30 | 158.38 | -20.06 | -619.79 | -1.308e+04 | -3.893e+04 |
| | | -4.790e+04 | -1.629e+04 | 6.86e-03 | 0.0 | 160.0 | -866.30 | -321.62 | -20.06 | -619.79 | -1.629e+04 | -4.790e+04 |
| 31 | 415 | -3.507e+04 | -1.465e+04 | 6.52e-03 | -480.00 | 0.0 | -966.75 | 171.45 | -0.56 | -423.21 | -1.465e+04 | -4.035e+04 |
| | | -5.028e+04 | -1.474e+04 | 7.14e-03 | 0.0 | 160.0 | -966.75 | -308.55 | -0.56 | -423.21 | -1.474e+04 | -5.028e+04 |
| 31 | 420 | -2.084e+04 | -1.365e+04 | 4.84e-03 | -480.00 | 0.0 | -1755.64 | 128.38 | -13.38 | -404.64 | -1.365e+04 | -2.719e+04 |
| | | -3.428e+04 | -1.610e+04 | 6.93e-03 | 0.0 | 160.0 | -1755.64 | -351.62 | -13.38 | -404.64 | -1.610e+04 | -3.428e+04 |
| 31 | 434 | -2.686e+04 | -1.154e+04 | 6.86e-03 | -480.00 | 0.0 | -1065.61 | 132.50 | -39.56 | -772.08 | -1.154e+04 | -3.317e+04 |
| | | -4.035e+04 | -1.787e+04 | 6.49e-03 | 0.0 | 160.0 | -1065.61 | -347.50 | -39.56 | -772.08 | -1.787e+04 | -4.035e+04 |
| 31 | 441 | -2.533e+04 | -1.469e+04 | 5.02e-03 | -480.00 | 0.0 | -1628.39 | 146.11 | -0.44 | -317.09 | -1.469e+04 | -3.114e+04 |
| | | -3.965e+04 | -1.476e+04 | 6.97e-03 | 0.0 | 160.0 | -1628.39 | -333.89 | -0.44 | -317.09 | -1.476e+04 | -3.965e+04 |
| 31 | 442 | -3.060e+04 | -1.383e+04 | 6.30e-03 | -480.00 | 0.0 | -1108.96 | 153.33 | -10.90 | -505.79 | -1.383e+04 | -3.643e+04 |
| | | -4.489e+04 | -1.557e+04 | 6.93e-03 | 0.0 | 160.0 | -1108.96 | -326.67 | -10.90 | -505.79 | -1.557e+04 | -4.489e+04 |
| 31 | 443 | -3.170e+04 | -1.429e+04 | 6.16e-03 | -480.00 | 0.0 | -1176.35 | 161.33 | -5.10 | -429.55 | -1.429e+04 | -3.714e+04 |
| | | -4.662e+04 | -1.511e+04 | 7.02e-03 | 0.0 | 160.0 | -1176.35 | -318.67 | -5.10 | -429.55 | -1.511e+04 | -4.662e+04 |
| 31 | 448 | -2.423e+04 | -1.412e+04 | 5.18e-03 | -480.00 | 0.0 | -1553.53 | 138.31 | -7.53 | -395.86 | -1.412e+04 | -3.042e+04 |
| | | -3.792e+04 | -1.548e+04 | 6.97e-03 | 0.0 | 160.0 | -1553.53 | -341.69 | -7.53 | -395.86 | -1.548e+04 | -3.792e+04 |
| 31 | 466 | -2.745e+04 | -1.291e+04 | 6.28e-03 | -480.00 | 0.0 | -1218.02 | 141.21 | -22.50 | -591.63 | -1.291e+04 | -3.351e+04 |
| | | -4.135e+04 | -1.651e+04 | 6.72e-03 | 0.0 | 160.0 | -1218.02 | -338.79 | -22.50 | -591.63 | -1.651e+04 | -4.135e+04 |
| 32 | 109 | 5.206e+04 | 6642.10 | -0.03 | -324.00 | 0.0 | 3034.82 | 2097.62 | 1072.38 | 1.650e+04 | -7.915e+04 | -6.712e+04 |
| | | -6.712e+04 | -7.915e+04 | 3.91e-03 | 0.0 | 80.0 | 3034.82 | 1773.62 | 1072.38 | 1.650e+04 | 6642.10 | 5.206e+04 |
| 32 | 110 | 7.083e+04 | 6271.36 | -0.03 | -240.00 | 0.0 | 4144.86 | 2014.87 | 1035.21 | 1.610e+04 | -7.655e+04 | -4.416e+04 |
| | | -4.416e+04 | -7.655e+04 | 3.83e-03 | 0.0 | 80.0 | 4144.86 | 1774.87 | 1035.21 | 1.610e+04 | 6271.36 | 7.083e+04 |
| 32 | 111 | 5.249e+04 | 6642.17 | -0.03 | -324.00 | 0.0 | 2960.69 | 2141.95 | 1066.34 | 1.640e+04 | -7.866e+04 | -6.885e+04 |
| | | -6.885e+04 | -7.866e+04 | 3.87e-03 | 0.0 | 80.0 | 2960.69 | 1817.95 | 1066.34 | 1.640e+04 | 6642.17 | 5.249e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|---------|-------|----------|---------|---------|-----------|------------|------------|
| 32 | 112 | 7.126e+04 | 6271.43 | -0.03 | -240.00 | 0.0 | 4070.73 | 2059.20 | 1029.16 | 1.601e+04 | -7.606e+04 | -4.589e+04 |
| | | -4.589e+04 | -7.606e+04 | 3.79e-03 | 0.0 | 80.0 | 4070.73 | 1819.20 | 1029.16 | 1.601e+04 | 6271.43 | 7.126e+04 |
| 32 | 131 | 2419.69 | 2291.54 | -0.01 | -324.00 | 0.0 | -1372.98 | 1320.83 | 356.83 | 5867.53 | -2.626e+04 | -6.997e+04 |
| | | -6.997e+04 | -2.626e+04 | 1.26e-03 | 0.0 | 80.0 | -1372.98 | 996.83 | 356.83 | 5867.53 | 2291.54 | 2419.69 |
| 32 | 167 | -9986.82 | 1643.87 | -3.04e-03 | -324.00 | 0.0 | -1941.16 | 741.65 | 194.03 | 2674.27 | -1.388e+04 | -4.983e+04 |
| | | -4.983e+04 | -1.388e+04 | 5.64e-04 | 0.0 | 80.0 | -1941.16 | 417.65 | 194.03 | 2674.27 | 1643.87 | -9986.82 |
| 32 | 315 | 3.991e+04 | 4920.23 | -0.02 | -240.00 | 0.0 | 2327.79 | 1555.32 | 793.54 | 1.221e+04 | -5.856e+04 | -4.832e+04 |
| | | -4.832e+04 | -5.856e+04 | 2.89e-03 | 0.0 | 80.0 | 2327.79 | 1315.32 | 793.54 | 1.221e+04 | 4920.23 | 3.991e+04 |
| 32 | 316 | 4.020e+04 | 4920.27 | -0.02 | -240.00 | 0.0 | 2278.36 | 1584.87 | 789.51 | 1.215e+04 | -5.824e+04 | -4.947e+04 |
| | | -4.947e+04 | -5.824e+04 | 2.87e-03 | 0.0 | 80.0 | 2278.36 | 1344.87 | 789.51 | 1.215e+04 | 4920.27 | 4.020e+04 |
| 32 | 326 | 3111.71 | 1697.59 | -9.94e-03 | -240.00 | 0.0 | -931.76 | 976.63 | 263.95 | 4345.09 | -1.942e+04 | -5.030e+04 |
| | | -5.030e+04 | -1.942e+04 | 9.28e-04 | 0.0 | 80.0 | -931.76 | 736.63 | 263.95 | 4345.09 | 1697.59 | 3111.71 |
| 32 | 344 | -5990.25 | 1218.06 | -2.29e-03 | -240.00 | 0.0 | -1343.55 | 546.50 | 143.51 | 1981.99 | -1.026e+04 | -3.524e+04 |
| | | -3.524e+04 | -1.026e+04 | 4.17e-04 | 0.0 | 80.0 | -1343.55 | 306.50 | 143.51 | 1981.99 | 1218.06 | -5990.25 |
| 32 | 399 | 1.765e+04 | 3819.09 | -0.01 | -240.00 | 0.0 | 1482.68 | 993.17 | 576.65 | 8511.66 | -4.231e+04 | -3.739e+04 |
| | | -3.739e+04 | -4.231e+04 | 2.02e-03 | 0.0 | 80.0 | 1482.68 | 753.17 | 576.65 | 8511.66 | 3819.09 | 1.765e+04 |
| 32 | 400 | -1.016e+04 | 1402.07 | -3.87e-03 | -240.00 | 0.0 | -924.91 | 536.99 | 182.49 | 2658.04 | -1.320e+04 | -3.801e+04 |
| | | -3.801e+04 | -1.320e+04 | 5.63e-04 | 0.0 | 80.0 | -924.91 | 296.99 | 182.49 | 2658.04 | 1402.07 | -1.016e+04 |
| 32 | 402 | -4372.52 | 1223.69 | -2.45e-03 | -240.00 | 0.0 | -1149.13 | 517.96 | 141.94 | 2000.22 | -1.013e+04 | -3.142e+04 |
| | | -3.142e+04 | -1.013e+04 | 4.06e-04 | 0.0 | 80.0 | -1149.13 | 277.96 | 141.94 | 2000.22 | 1223.69 | -4372.52 |
| 32 | 407 | -1.753e+04 | 1050.39 | 1.10e-03 | -240.00 | 0.0 | -1001.44 | 246.29 | 106.35 | 1119.51 | -7457.36 | -2.900e+04 |
| | | -2.900e+04 | -7457.36 | -4.05e-04 | 0.0 | 80.0 | -1001.44 | 6.29 | 106.35 | 1119.51 | 1050.39 | -1.753e+04 |
| 32 | 413 | -1.480e+04 | 1947.42 | 1.19e-04 | -240.00 | 0.0 | -1579.69 | 265.19 | 145.26 | 964.67 | -9601.42 | -2.591e+04 |
| | | -2.591e+04 | -9601.42 | 3.55e-04 | 0.0 | 80.0 | -1579.69 | 25.19 | 145.26 | 964.67 | 1947.42 | -1.480e+04 |
| 32 | 414 | -2.026e+04 | 153.36 | 2.09e-03 | -240.00 | 0.0 | -423.18 | 227.38 | 67.44 | 1274.35 | -5313.31 | -3.208e+04 |
| | | -3.208e+04 | -5313.31 | -4.73e-04 | 0.0 | 80.0 | -423.18 | -12.62 | 67.44 | 1274.35 | 153.36 | -2.026e+04 |
| 32 | 420 | -1.117e+04 | 2063.61 | 1.58e-03 | -240.00 | 0.0 | -1364.07 | 228.11 | 71.61 | 767.28 | -5642.66 | -2.226e+04 |
| | | -2.226e+04 | -5642.66 | -5.20e-04 | 0.0 | 80.0 | -1364.07 | -11.89 | 71.61 | 767.28 | 2063.61 | -1.117e+04 |
| 32 | 433 | -2.221e+04 | 1146.55 | -1.42e-03 | -240.00 | 0.0 | -1485.52 | 284.43 | 154.50 | 1336.40 | -1.096e+04 | -3.352e+04 |
| | | -3.352e+04 | -1.096e+04 | 6.39e-04 | 0.0 | 80.0 | -1485.52 | 44.43 | 154.50 | 1336.40 | 1146.55 | -2.221e+04 |
| 32 | 436 | -1.013e+04 | 1527.31 | 3.46e-03 | -240.00 | 0.0 | -799.62 | 208.37 | 59.44 | 750.50 | -4049.46 | -2.152e+04 |
| | | -2.152e+04 | -4049.46 | -9.16e-04 | 0.0 | 80.0 | -799.62 | -31.63 | 59.44 | 750.50 | 1527.31 | -1.013e+04 |
| 32 | 439 | -2.493e+04 | 573.47 | -1.27e-03 | -240.00 | 0.0 | -1203.25 | 284.21 | 153.25 | 1488.53 | -1.087e+04 | -3.647e+04 |
| | | -3.647e+04 | -1.087e+04 | 6.71e-04 | 0.0 | 80.0 | -1203.25 | 44.21 | 153.25 | 1488.53 | 573.47 | -2.493e+04 |
| 32 | 441 | -1.636e+04 | 1489.29 | 4.12e-04 | -240.00 | 0.0 | -1303.24 | 253.68 | 122.92 | 1031.54 | -8319.35 | -2.762e+04 |
| | | -2.762e+04 | -8319.35 | -3.52e-04 | 0.0 | 80.0 | -1303.24 | 13.68 | 122.92 | 1031.54 | 1489.29 | -1.636e+04 |
| 32 | 442 | -1.870e+04 | 611.49 | 1.78e-03 | -240.00 | 0.0 | -699.63 | 238.90 | 89.78 | 1207.48 | -6595.37 | -3.037e+04 |
| | | -3.037e+04 | -6595.37 | -4.57e-04 | 0.0 | 80.0 | -699.63 | -1.10 | 89.78 | 1207.48 | 611.49 | -1.870e+04 |
| 32 | 448 | -1.404e+04 | 1573.84 | 1.52e-03 | -240.00 | 0.0 | -1169.78 | 239.26 | 91.83 | 951.21 | -6757.69 | -2.533e+04 |
| | | -2.533e+04 | -6757.69 | -4.79e-04 | 0.0 | 80.0 | -1169.78 | -0.74 | 91.83 | 951.21 | 1573.84 | -1.404e+04 |
| 32 | 460 | -1.296e+04 | 1334.02 | 2.90e-03 | -240.00 | 0.0 | -857.75 | 234.28 | 92.75 | 965.01 | -6462.24 | -2.447e+04 |
| | | -2.447e+04 | -6462.24 | -7.18e-04 | 0.0 | 80.0 | -857.75 | -5.72 | 92.75 | 965.01 | 1334.02 | -1.296e+04 |
| 32 | 463 | -2.210e+04 | 766.76 | -7.05e-04 | -240.00 | 0.0 | -1145.12 | 258.30 | 119.94 | 1274.01 | -8452.49 | -3.352e+04 |
| | | -3.352e+04 | -8452.49 | 4.32e-04 | 0.0 | 80.0 | -1145.12 | 18.30 | 119.94 | 1274.01 | 766.76 | -2.210e+04 |
| 32 | 465 | -1.982e+04 | 1101.15 | -1.55e-04 | -240.00 | 0.0 | -1241.80 | 265.29 | 130.31 | 1227.49 | -9200.72 | -3.121e+04 |
| | | -3.121e+04 | -9200.72 | 4.35e-04 | 0.0 | 80.0 | -1241.80 | 25.29 | 130.31 | 1227.49 | 1101.15 | -1.982e+04 |
| 33 | 41 | -4.836e+04 | -2.726e+04 | -0.01 | -648.00 | 0.0 | -3005.97 | 319.65 | 37.26 | 1679.99 | -3.323e+04 | -6.070e+04 |
| | | -6.070e+04 | -3.323e+04 | 0.01 | 0.0 | 160.0 | -3005.97 | -328.35 | 37.26 | 1679.99 | -2.726e+04 | -6.194e+04 |
| 33 | 52 | -3242.22 | -2.267e+04 | -0.02 | -480.00 | 0.0 | -571.91 | 31.44 | 59.93 | 2607.83 | -3.226e+04 | -4453.58 |
| | | -4453.58 | -3.226e+04 | 0.01 | 0.0 | 160.0 | -571.91 | -448.56 | 59.93 | 2607.83 | -2.267e+04 | -2.919e+04 |
| 33 | 86 | -3.885e+04 | -1.599e+04 | -0.02 | -480.00 | 0.0 | -1394.79 | 213.57 | 42.54 | 1650.50 | -2.280e+04 | -4.718e+04 |
| | | -4.718e+04 | -2.280e+04 | 9.33e-03 | 0.0 | 160.0 | -1394.79 | -266.43 | 42.54 | 1650.50 | -1.599e+04 | -4.974e+04 |
| 33 | 109 | -8.208e+04 | -6.586e+04 | -0.06 | -648.00 | 0.0 | -228.57 | 165.68 | 147.46 | 7488.24 | -8.945e+04 | -8.772e+04 |
| | | -8.772e+04 | -8.945e+04 | 0.04 | 0.0 | 160.0 | -228.57 | -482.32 | 147.46 | 7488.24 | -6.586e+04 | -1.053e+05 |
| 33 | 112 | -5.317e+04 | -6.098e+04 | -0.06 | -480.00 | 0.0 | 1320.10 | -43.80 | 137.94 | 7038.69 | -8.305e+04 | -5.351e+04 |
| | | -5.351e+04 | -5.305e+04 | 0.03 | 0.0 | 160.0 | 1320.10 | -523.80 | 137.94 | 7038.69 | -6.098e+04 | -8.441e+04 |
| 33 | 281 | -3.403e+04 | -1.995e+04 | -8.41e-03 | -480.00 | 0.0 | -2120.55 | 229.77 | 26.74 | 1212.75 | -2.423e+04 | -4.276e+04 |
| | | -4.276e+04 | -2.423e+04 | 0.01 | 0.0 | 160.0 | -2120.55 | -250.23 | 26.74 | 1212.75 | -1.995e+04 | -4.449e+04 |
| 33 | 286 | -1.944e+04 | -2.061e+04 | -0.02 | -480.00 | 0.0 | -1350.44 | 183.12 | 47.94 | 2153.12 | -2.828e+04 | -2.539e+04 |
| | | -2.539e+04 | -2.828e+04 | 0.01 | 0.0 | 160.0 | -1350.44 | -296.88 | 47.94 | 2153.12 | -2.061e+04 | -3.353e+04 |
| 33 | 303 | -4.241e+04 | -1.569e+04 | -0.01 | -480.00 | 0.0 | -1931.91 | 320.39 | 34.66 | 1430.75 | -2.124e+04 | -5.675e+04 |
| | | -5.675e+04 | -2.124e+04 | 8.85e-03 | 0.0 | 160.0 | -1931.91 | -159.61 | 34.66 | 1430.75 | -1.569e+04 | -4.821e+04 |
| 33 | 315 | -5.938e+04 | -4.883e+04 | -0.05 | -480.00 | 0.0 | -83.91 | 112.01 | 108.35 | 5517.86 | -6.616e+04 | -6.319e+04 |
| | | -6.319e+04 | -6.616e+04 | 0.03 | 0.0 | 160.0 | -83.91 | -367.99 | 108.35 | 5517.86 | -4.883e+04 | -7.742e+04 |
| 33 | 316 | -5.745e+04 | -4.899e+04 | -0.05 | -480.00 | 0.0 | 51.05 | 127.38 | 105.73 | 5435.24 | -6.590e+04 | -6.173e+04 |
| | | -6.173e+04 | -6.590e+04 | 0.03 | 0.0 | 160.0 | 51.05 | -352.62 | 105.73 | 5435.24 | -4.899e+04 | -7.443e+04 |
| 33 | 391 | -3.264e+04 | -1.495e+04 | -3.02e-03 | -480.00 | 0.0 | -1853.68 | 338.85 | 5.67 | 427.83 | -1.585e+04 | -4.810e+04 |
| | | -4.810e+04 | -1.585e+04 | 7.29e-03 | 0.0 | 160.0 | -1853.68 | -141.15 | 5.67 | 427.83 | -1.495e+04 | -3.776e+04 |
| 33 | 393 | -3.239e+04 | -1.483e+04 | -3.18e-03 | -480.00 | 0.0 | -1852.14 | 344.13 | 8.52 | 470.66 | -1.620e+04 | -4.865e+04 |
| | | -4.865e+04 | -1.620e+04 | 7.38e-03 | 0.0 | 160.0 | -1852.14 | -135.87 | 8.52 | 470.66 | -1.483e+04 | -3.703e+04 |
| 33 | 396 | -2.595e+04 | -1.765e+04 | -7.67e-03 | -480.00 | 0.0 | -1765.48 | 266.23 | 22.19 | 1083.81 | -2.118e+04 | -3.478e+04 |
| | | -3.478e+04 | -2.118e+04 | 9.16e-03 | 0.0 | 160.0 | -1765.48 | -213.77 | 22.19 | 1083.81 | -1.763e+04 | -3.478e+04 |
| 33 | 399 | -5.491e+04 | -3.891e+04 | -0.03 | -480.00 | 0.0 | -714.36 | 224.43 | 65.53 | 3545.40 | -4.939e+04 | -6.356e+04 |
| | | -6.356e+04 | -4.939e+04 | 0.02 | 0.0 | 160.0 | -714.36 | -255.57 | 65.53 | 3545.40 | -3.891e+04 | -6.546e+04 |
| 33 | 407 | -3.264e+04 | -1.495e+04 | -3.02e-03 | -480.00 | 0.0 | -1853.68 | 338.85 | 5.67 | 427.83 | -1.585e+04 | -4.810e+04 |
| | | -4.810e+04 | -1.585e+04 | 7.29e-03 | 0.0 | 160.0 | -1853.68 | -141.15 | 5.67 | 427.83 | -1.495e+04 | -3.776e+04 |
| 33 | 413 | -2.478e+04 | -1.433e+04 | -2.82e-03 | -480.00 | 0.0 | -2260.67 | 360.95 | 17.07 | 432.31 | -1.678e+04 | -3.923e+04 |

| | | | | | | | | | |
|----|-----|-----------------------|-----------|---------|-------|----------|---------|----------|---------------------------------|
| | | -3.923e+04 -1.678e+04 | 7.47e-03 | 0.0 | 160.0 | -2260.67 | -119.05 | 17.07 | 432.31 -1.433e+04 -3.052e+04 |
| 33 | 420 | -2.671e+04 -1.482e+04 | -2.26e-03 | -480.00 | 0.0 | -2381.23 | 348.54 | -7.69 | 236.99 -1.482e+04 -4.163e+04 |
| | | -4.163e+04 -1.605e+04 | 7.23e-03 | 0.0 | 160.0 | -2381.23 | -131.46 | -7.69 | 236.99 -1.605e+04 -3.216e+04 |
| 33 | 422 | -4.049e+04 -1.537e+04 | -3.24e-03 | -480.00 | 0.0 | -1436.26 | 316.74 | -0.06 | 433.03 -1.537e+04 -5.699e+04 |
| | | -5.699e+04 -1.538e+04 | 7.06e-03 | 0.0 | 160.0 | -1436.26 | -163.26 | -0.06 | 433.03 -1.538e+04 -4.498e+04 |
| 33 | 423 | -3.856e+04 -1.384e+04 | -3.78e-03 | -480.00 | 0.0 | -1326.12 | 329.16 | 19.03 | 618.67 -1.689e+04 -5.458e+04 |
| | | -5.458e+04 -1.689e+04 | 7.34e-03 | 0.0 | 160.0 | -1326.12 | -150.84 | 19.03 | 618.67 -1.384e+04 -4.335e+04 |
| 33 | 439 | -3.150e+04 -1.229e+04 | -4.06e-03 | -480.00 | 0.0 | -1528.37 | 354.77 | 38.63 | 766.64 -1.848e+04 -4.639e+04 |
| | | -4.639e+04 -1.848e+04 | 7.72e-03 | 0.0 | 160.0 | -1528.37 | -125.23 | 38.63 | 766.64 -1.229e+04 -3.697e+04 |
| 33 | 445 | -2.863e+04 -1.464e+04 | -2.92e-03 | -480.00 | 0.0 | -2057.51 | 349.89 | 11.34 | 429.31 -1.631e+04 -4.358e+04 |
| | | -4.358e+04 -1.631e+04 | 7.38e-03 | 0.0 | 160.0 | -2057.51 | -130.11 | 11.34 | 429.31 -1.464e+04 -3.406e+04 |
| 33 | 452 | -2.959e+04 -1.534e+04 | -2.63e-03 | -480.00 | 0.0 | -2117.26 | 343.74 | -0.99 | 331.92 -1.534e+04 -3.477e+04 |
| | | -4.477e+04 -1.550e+04 | 7.26e-03 | 0.0 | 160.0 | -2117.26 | -136.26 | -0.99 | 331.92 -1.550e+04 -3.488e+04 |
| 33 | 454 | -3.664e+04 -1.516e+04 | -3.13e-03 | -480.00 | 0.0 | -1644.65 | 327.80 | 2.84 | 431.15 -1.561e+04 -5.263e+04 |
| | | -5.263e+04 -1.561e+04 | 7.17e-03 | 0.0 | 160.0 | -1644.65 | -152.20 | 2.84 | 431.15 -1.516e+04 -4.145e+04 |
| 33 | 455 | -3.569e+04 -1.440e+04 | -3.41e-03 | -480.00 | 0.0 | -1590.09 | 333.95 | 12.32 | 523.74 -1.637e+04 -5.144e+04 |
| | | -5.144e+04 -1.637e+04 | 7.31e-03 | 0.0 | 160.0 | -1590.09 | -146.05 | 12.32 | 523.74 -1.440e+04 -4.064e+04 |
| 33 | 471 | -3.211e+04 -1.363e+04 | -3.56e-03 | -480.00 | 0.0 | -1691.84 | 346.70 | 22.04 | 597.04 -1.716e+04 -4.729e+04 |
| | | -4.729e+04 -1.716e+04 | 7.50e-03 | 0.0 | 160.0 | -1691.84 | -133.30 | 22.04 | 597.04 -1.363e+04 -3.740e+04 |
| 34 | 41 | -4.277e+04 3.036e+04 | -0.01 | -648.00 | 0.0 | -2705.89 | 329.91 | -23.35 | -1277.47 3.036e+04 -5.500e+04 |
| | | -5.647e+04 2.663e+04 | -0.01 | 0.0 | 160.0 | -2705.89 | -318.09 | -23.35 | -1277.47 2.663e+04 -5.647e+04 |
| 34 | 52 | 585.98 2.880e+04 | -0.02 | -480.00 | 0.0 | -342.06 | 57.85 | -41.89 | -2154.72 2.880e+04 -946.99 |
| | | -2.397e+04 2.210e+04 | -0.01 | 0.0 | 160.0 | -342.06 | -422.15 | -41.89 | -2154.72 2.210e+04 -2.397e+04 |
| 34 | 109 | -6.964e+04 8.873e+04 | -0.07 | -648.00 | 0.0 | 347.39 | 125.45 | -132.95 | -6825.44 8.873e+04 -7.341e+04 |
| | | -9.723e+04 6.746e+04 | -0.04 | 0.0 | 160.0 | 347.39 | -522.55 | -132.95 | -6825.44 6.746e+04 -9.723e+04 |
| 34 | 112 | -4.064e+04 8.256e+04 | -0.06 | -480.00 | 0.0 | 1828.65 | -81.96 | -124.29 | -6433.54 8.256e+04 -4.064e+04 |
| | | -7.741e+04 6.268e+04 | -0.03 | 0.0 | 160.0 | 1828.65 | -561.96 | -124.29 | -6433.54 6.268e+04 -7.741e+04 |
| 34 | 126 | -3.414e+04 2.194e+04 | -0.02 | -480.00 | 0.0 | -1120.16 | 199.20 | -38.65 | -1435.86 2.194e+04 -4.145e+04 |
| | | -4.635e+04 1.576e+04 | -9.01e-03 | 0.0 | 160.0 | -1120.16 | -280.80 | -38.65 | -1435.86 1.576e+04 -5.635e+04 |
| 34 | 281 | -2.996e+04 2.211e+04 | -9.94e-03 | -480.00 | 0.0 | -1901.88 | 237.52 | -16.44 | -917.29 2.211e+04 -3.863e+04 |
| | | -4.050e+04 1.948e+04 | -9.88e-03 | 0.0 | 160.0 | -1901.88 | -242.48 | -16.44 | -917.29 1.948e+04 -4.050e+04 |
| 34 | 286 | -1.550e+04 2.555e+04 | -0.02 | -480.00 | 0.0 | -1134.72 | 200.00 | -33.85 | -1775.40 2.555e+04 -2.176e+04 |
| | | -2.906e+04 2.014e+04 | -0.01 | 0.0 | 160.0 | -1134.72 | -280.00 | -33.85 | -1775.40 2.014e+04 -5.906e+04 |
| 34 | 315 | -5.011e+04 6.563e+04 | -0.05 | -480.00 | 0.0 | 342.51 | 82.01 | -97.60 | -5027.68 6.563e+04 -5.259e+04 |
| | | -7.147e+04 5.001e+04 | -0.03 | 0.0 | 160.0 | 342.51 | -397.99 | -97.60 | -5027.68 5.001e+04 -7.147e+04 |
| 34 | 316 | -4.833e+04 6.537e+04 | -0.05 | -480.00 | 0.0 | 473.21 | 96.44 | -94.88 | -4944.89 6.537e+04 -5.116e+04 |
| | | -6.864e+04 5.019e+04 | -0.03 | 0.0 | 160.0 | 473.21 | -383.56 | -94.88 | -4944.89 5.019e+04 -6.864e+04 |
| 34 | 323 | -3.846e+04 2.043e+04 | -0.02 | -480.00 | 0.0 | -1683.69 | 306.87 | -31.03 | -1229.60 2.043e+04 -5.148e+04 |
| | | -5.148e+04 1.547e+04 | -8.54e-03 | 0.0 | 160.0 | -1683.69 | -173.13 | -31.03 | -1229.60 1.547e+04 -4.513e+04 |
| 34 | 391 | -2.987e+04 1.527e+04 | -3.87e-03 | -480.00 | 0.0 | -1681.01 | 325.52 | -3.54 | -296.26 1.527e+04 -4.405e+04 |
| | | -4.405e+04 1.470e+04 | -7.05e-03 | 0.0 | 160.0 | -1681.01 | -154.48 | -3.54 | -296.26 1.470e+04 -3.577e+04 |
| 34 | 393 | -2.964e+04 1.565e+04 | -4.02e-03 | -480.00 | 0.0 | -1679.42 | 329.83 | -6.69 | -344.63 1.565e+04 -4.455e+04 |
| | | -4.455e+04 1.458e+04 | -7.14e-03 | 0.0 | 160.0 | -1679.42 | -150.17 | -6.69 | -344.63 1.458e+04 -3.510e+04 |
| 34 | 396 | -2.250e+04 1.911e+04 | -9.09e-03 | -480.00 | 0.0 | -1578.67 | 275.83 | -11.93 | -804.80 1.911e+04 -3.295e+04 |
| | | -3.295e+04 1.720e+04 | -8.60e-03 | 0.0 | 160.0 | -1578.67 | -204.17 | -11.93 | -804.80 1.720e+04 -3.126e+04 |
| 34 | 399 | -4.815e+04 4.898e+04 | -0.03 | -480.00 | 0.0 | -372.72 | 198.16 | -57.71 | -3181.91 4.898e+04 -5.500e+04 |
| | | -6.095e+04 3.974e+04 | -0.02 | 0.0 | 160.0 | -372.72 | -281.84 | -57.71 | -3181.91 3.974e+04 -6.095e+04 |
| 34 | 407 | -2.987e+04 1.527e+04 | -3.87e-03 | -480.00 | 0.0 | -1681.01 | 325.52 | -3.54 | -296.26 1.527e+04 -4.405e+04 |
| | | -4.405e+04 1.470e+04 | -7.05e-03 | 0.0 | 160.0 | -1681.01 | -154.48 | -3.54 | -296.26 1.470e+04 -3.577e+04 |
| 34 | 413 | -2.154e+04 1.598e+04 | -3.83e-03 | -480.00 | 0.0 | -2082.37 | 343.97 | -12.53 | -355.67 1.598e+04 -3.432e+04 |
| | | -3.432e+04 1.398e+04 | -7.24e-03 | 0.0 | 160.0 | -2082.37 | -136.03 | -12.53 | -355.67 1.398e+04 -2.841e+04 |
| 34 | 414 | -3.812e+04 1.543e+04 | -3.91e-03 | -480.00 | 0.0 | -1279.65 | 307.07 | 5.44 | -236.85 1.543e+04 -5.378e+04 |
| | | -5.378e+04 1.456e+04 | -6.86e-03 | 0.0 | 160.0 | -1279.65 | -172.93 | 5.44 | -236.85 1.456e+04 -4.312e+04 |
| 34 | 437 | -2.309e+04 1.824e+04 | -5.63e-03 | -480.00 | 0.0 | -2015.93 | 352.76 | -40.82 | -665.05 1.824e+04 -3.521e+04 |
| | | -3.521e+04 1.171e+04 | -7.46e-03 | 0.0 | 160.0 | -2015.93 | -127.24 | -40.82 | -665.05 1.171e+04 -3.047e+04 |
| 34 | 441 | -2.562e+04 1.546e+04 | -3.74e-03 | -480.00 | 0.0 | -1884.96 | 335.91 | -6.02 | -315.57 1.546e+04 -3.894e+04 |
| | | -3.894e+04 1.450e+04 | -7.11e-03 | 0.0 | 160.0 | -1884.96 | -144.09 | -6.02 | -315.57 1.450e+04 -3.207e+04 |
| 34 | 442 | -3.410e+04 1.507e+04 | -4.00e-03 | -480.00 | 0.0 | -1477.06 | 315.13 | -1.06 | -276.95 1.507e+04 -4.915e+04 |
| | | -4.915e+04 1.490e+04 | -6.99e-03 | 0.0 | 160.0 | -1477.06 | -164.87 | -1.06 | -276.95 1.490e+04 -3.947e+04 |
| 34 | 469 | -2.651e+04 1.674e+04 | -4.75e-03 | -480.00 | 0.0 | -1847.53 | 339.04 | -22.05 | -479.72 1.674e+04 -3.963e+04 |
| | | -3.963e+04 1.322e+04 | -7.26e-03 | 0.0 | 160.0 | -1847.53 | -140.96 | -22.05 | -479.72 1.322e+04 -3.311e+04 |
| 35 | 47 | -8112.73 1.233e+04 | -4.20e-03 | -324.00 | 0.0 | -2350.78 | 970.18 | -174.88 | -1699.96 1.233e+04 -6.107e+04 |
| | | -6.107e+04 -1658.94 | 5.87e-04 | 0.0 | 80.0 | -2350.78 | 646.18 | -174.88 | -1699.96 -1658.94 -8112.73 |
| 35 | 109 | 5.369e+04 7.482e+04 | -0.03 | -324.00 | 0.0 | 2101.31 | 2667.02 | -1019.73 | -1.408e+04 7.482e+04 -9.828e+04 |
| | | -9.828e+04 -6761.39 | -3.62e-03 | 0.0 | 80.0 | 2101.31 | 2343.02 | -1019.73 | -1.408e+04 -6761.39 5.369e+04 |
| 35 | 110 | 7.220e+04 7.262e+04 | -0.03 | -240.00 | 0.0 | 3292.50 | 2528.93 | -987.60 | -1.392e+04 7.262e+04 -7.242e+04 |
| | | -7.242e+04 -6384.91 | -3.57e-03 | 0.0 | 80.0 | 3292.50 | 2288.93 | -987.60 | -1.392e+04 -6384.91 7.220e+04 |
| 35 | 111 | 5.412e+04 7.431e+04 | -0.03 | -324.00 | 0.0 | 2026.84 | 2710.94 | -1013.43 | -1.398e+04 7.431e+04 -9.999e+04 |
| | | -9.999e+04 -6761.53 | -3.58e-03 | 0.0 | 80.0 | 2026.84 | 2386.94 | -1013.43 | -1.398e+04 -6761.53 5.412e+04 |
| 35 | 112 | 7.262e+04 7.212e+04 | -0.03 | -240.00 | 0.0 | 3218.03 | 2572.84 | -981.29 | -1.382e+04 7.212e+04 -7.413e+04 |
| | | -7.413e+04 -6385.04 | -3.53e-03 | 0.0 | 80.0 | 3218.03 | 2332.84 | -981.29 | -1.382e+04 -6385.04 7.262e+04 |
| 35 | 284 | -4593.65 9115.03 | -3.15e-03 | -240.00 | 0.0 | -1646.05 | 715.52 | -129.30 | -1261.41 9115.03 -4.354e+04 |
| | | -4.354e+04 -1229.00 | 4.34e-04 | 0.0 | 80.0 | -1646.05 | 475.52 | -129.30 | -1261.41 -1229.00 -4593.65 |
| 35 | 315 | 4.113e+04 5.535e+04 | -0.02 | -240.00 | 0.0 | 1637.30 | 1976.81 | -754.50 | -1.042e+04 5.535e+04 -7.137e+04 |
| | | -7.137e+04 -5008.40 | -2.68e-03 | 0.0 | 80.0 | 1637.30 | 1736.81 | -754.50 | -1.042e+04 -5008.40 4.113e+04 |
| 35 | 316 | 4.141e+04 5.501e+04 | -0.02 | -240.00 | 0.0 | 1587.66 | 2006.09 | -750.29 | -1.036e+04 5.501e+04 -7.251e+04 |
| | | -7.251e+04 -5008.48 | -2.65e-03 | 0.0 | 80.0 | 1587.66 | 1766.09 | -750.29 | -1.036e+04 -5008.48 4.141e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|-----------|-----------|---------|-------|----------|---------|---------|----------|-----------|------------|
| 35 | 396 | -2950.92 | 8951.02 | -3.32e-03 | -240.00 | 0.0 | -1449.35 | 687.39 | -127.31 | -1276.48 | 8951.02 | -3.970e+04 |
| | | -3.970e+04 | -1233.44 | 4.39e-04 | 0.0 | 80.0 | -1449.35 | 447.39 | -127.31 | -1276.48 | -1233.44 | -2950.92 |
| 35 | 399 | 1.885e+04 | 3.976e+04 | -0.02 | -240.00 | 0.0 | 952.92 | 1326.33 | -545.62 | -7104.36 | 3.976e+04 | -5.536e+04 |
| | | -5.536e+04 | -3886.05 | -1.85e-03 | 0.0 | 80.0 | 952.92 | 1086.33 | -545.62 | -7104.36 | -3886.05 | 1.885e+04 |
| 35 | 407 | -1.664e+04 | 6361.33 | 3.89e-04 | -240.00 | 0.0 | -1210.88 | 395.59 | -92.83 | -488.75 | 6361.33 | -3.666e+04 |
| | | -3.666e+04 | -1064.99 | 4.43e-04 | 0.0 | 80.0 | -1210.88 | 155.59 | -92.83 | -488.75 | -1064.99 | -1.664e+04 |
| 35 | 423 | -2.326e+04 | 6487.45 | 1.72e-04 | -240.00 | 0.0 | -792.05 | 373.39 | -84.89 | -428.98 | 6487.45 | -4.496e+04 |
| | | -4.496e+04 | -1914.39 | 3.12e-04 | 0.0 | 80.0 | -792.05 | 133.39 | -84.89 | -428.98 | -1914.39 | -2.326e+04 |
| 35 | 436 | -8509.46 | 3114.60 | 1.76e-03 | -240.00 | 0.0 | -1682.05 | 381.49 | -54.54 | -171.58 | 3114.60 | -2.798e+04 |
| | | -2.798e+04 | -628.99 | 6.11e-04 | 0.0 | 80.0 | -1682.05 | 141.49 | -54.54 | -171.58 | -628.99 | -8509.46 |
| 35 | 437 | -2.201e+04 | 1.017e+04 | -1.07e-03 | -240.00 | 0.0 | -922.66 | 427.12 | -143.93 | -908.06 | 1.017e+04 | -4.159e+04 |
| | | -4.159e+04 | -1027.18 | -4.33e-04 | 0.0 | 80.0 | -922.66 | 187.12 | -143.93 | -908.06 | -1027.18 | -2.201e+04 |
| 35 | 439 | -2.477e+04 | 9608.06 | -9.78e-04 | -240.00 | 0.0 | -739.71 | 409.70 | -131.12 | -805.91 | 9608.06 | -4.534e+04 |
| | | -4.534e+04 | -1500.99 | -3.95e-04 | 0.0 | 80.0 | -739.71 | 169.70 | -131.12 | -805.91 | -1500.99 | -2.477e+04 |
| 35 | 451 | -2.032e+04 | 6195.58 | 1.75e-04 | -240.00 | 0.0 | -985.96 | 383.60 | -85.78 | -447.54 | 6195.58 | -4.133e+04 |
| | | -4.133e+04 | -1506.90 | 3.78e-04 | 0.0 | 80.0 | -985.96 | 143.60 | -85.78 | -447.54 | -1506.90 | -2.032e+04 |
| 35 | 460 | -1.151e+04 | 5491.89 | 1.46e-03 | -240.00 | 0.0 | -1498.04 | 391.10 | -83.64 | -366.37 | 5491.89 | -3.081e+04 |
| | | -3.081e+04 | -804.52 | 5.28e-04 | 0.0 | 80.0 | -1498.04 | 151.10 | -83.64 | -366.37 | -804.52 | -1.151e+04 |
| 35 | 463 | -2.177e+04 | 7230.77 | -6.84e-04 | -240.00 | 0.0 | -923.72 | 400.08 | -102.01 | -611.13 | 7230.77 | -4.251e+04 |
| | | -4.251e+04 | -1325.45 | 3.58e-04 | 0.0 | 80.0 | -923.72 | 160.08 | -102.01 | -611.13 | -1325.45 | -2.177e+04 |
| 35 | 469 | -1.928e+04 | 8252.81 | -3.38e-04 | -240.00 | 0.0 | -1068.53 | 411.40 | -118.25 | -698.03 | 8252.81 | -3.907e+04 |
| | | -3.907e+04 | -1043.37 | 3.86e-04 | 0.0 | 80.0 | -1068.53 | 171.40 | -118.25 | -698.03 | -1043.37 | -1.928e+04 |
| 36 | 54 | -2.501e+04 | 1.840e+04 | -6.84e-03 | -480.00 | 0.0 | -1876.03 | 347.25 | -22.07 | -719.74 | 1.840e+04 | -4.231e+04 |
| | | -4.231e+04 | 1.487e+04 | -7.94e-03 | 0.0 | 160.0 | -1876.03 | 132.75 | -22.07 | -719.74 | 1.487e+04 | -2.915e+04 |
| 36 | 109 | -1.006e+05 | 7.149e+04 | -0.05 | -648.00 | 0.0 | -4922.51 | 1252.64 | -172.20 | -6490.15 | 7.149e+04 | -1.931e+05 |
| | | -1.931e+05 | 4.393e+04 | -0.03 | 0.0 | 160.0 | -4922.51 | 604.64 | -172.20 | -6490.15 | 4.393e+04 | -1.006e+05 |
| 36 | 111 | -1.027e+05 | 7.122e+04 | -0.05 | -648.00 | 0.0 | -5176.91 | 1274.90 | -168.16 | -6367.64 | 7.122e+04 | -1.973e+05 |
| | | -1.973e+05 | 4.432e+04 | -0.03 | 0.0 | 160.0 | -5176.91 | 626.90 | -168.16 | -6367.64 | 4.432e+04 | -1.027e+05 |
| 36 | 174 | -2.574e+04 | 1.853e+04 | -6.20e-03 | -480.00 | 0.0 | -1746.87 | 337.89 | -29.75 | -791.75 | 1.853e+04 | -4.235e+04 |
| | | -4.235e+04 | 1.377e+04 | -7.61e-03 | 0.0 | 160.0 | -1746.87 | 142.11 | -29.75 | -791.75 | 1.377e+04 | -3.019e+04 |
| 36 | 198 | -2.981e+04 | 1.828e+04 | -6.89e-03 | -480.00 | 0.0 | -1626.84 | 366.43 | -25.40 | -761.86 | 1.828e+04 | -4.776e+04 |
| | | -4.776e+04 | 1.422e+04 | -7.77e-03 | 0.0 | 160.0 | -1626.84 | 113.57 | -25.40 | -761.86 | 1.422e+04 | -3.365e+04 |
| 36 | 287 | -3.335e+04 | 1.721e+04 | -2.66e-03 | -480.00 | 0.0 | -2045.65 | 218.90 | -11.50 | -276.29 | 1.721e+04 | -4.341e+04 |
| | | -4.341e+04 | 1.537e+04 | -7.74e-03 | 0.0 | 160.0 | -2045.65 | 261.10 | -11.50 | -276.29 | 1.537e+04 | -4.341e+04 |
| 36 | 315 | -7.302e+04 | 5.295e+04 | -0.04 | -480.00 | 0.0 | -3606.38 | 939.44 | -127.42 | -4815.99 | 5.295e+04 | -1.426e+05 |
| | | -1.426e+05 | 3.256e+04 | -0.02 | 0.0 | 160.0 | -3606.38 | 459.44 | -127.42 | -4815.99 | 3.256e+04 | -7.302e+04 |
| 36 | 316 | -7.440e+04 | 5.277e+04 | -0.04 | -480.00 | 0.0 | -3775.97 | 954.28 | -124.73 | -4734.32 | 5.277e+04 | -1.454e+05 |
| | | -1.454e+05 | 3.282e+04 | -0.02 | 0.0 | 160.0 | -3775.97 | 474.28 | -124.73 | -4734.32 | 3.282e+04 | -7.440e+04 |
| 36 | 347 | -3.375e+04 | 1.730e+04 | -2.19e-03 | -480.00 | 0.0 | -1949.74 | 211.95 | -17.20 | -329.76 | 1.730e+04 | -4.252e+04 |
| | | -4.252e+04 | 1.455e+04 | -7.49e-03 | 0.0 | 160.0 | -1949.74 | 268.05 | -17.20 | -329.76 | 1.455e+04 | -4.419e+04 |
| 36 | 359 | -3.704e+04 | 1.712e+04 | -2.71e-03 | -480.00 | 0.0 | -1860.82 | 233.28 | -14.07 | -309.24 | 1.712e+04 | -4.673e+04 |
| | | -4.673e+04 | 1.487e+04 | -7.61e-03 | 0.0 | 160.0 | -1860.82 | 246.72 | -14.07 | -309.24 | 1.487e+04 | -4.673e+04 |
| 36 | 391 | -3.083e+04 | 1.539e+04 | 4.84e-03 | -480.00 | 0.0 | -1505.55 | 137.66 | 7.82 | 528.79 | 1.539e+04 | -3.588e+04 |
| | | -3.588e+04 | 1.414e+04 | -6.94e-03 | 0.0 | 160.0 | -1505.55 | 342.34 | 7.82 | 528.79 | 1.414e+04 | -3.588e+04 |
| 36 | 392 | -3.109e+04 | 1.538e+04 | 4.88e-03 | -480.00 | 0.0 | -1492.59 | 137.86 | 7.85 | 530.63 | 1.538e+04 | -3.613e+04 |
| | | -3.613e+04 | 1.413e+04 | -6.93e-03 | 0.0 | 160.0 | -1492.59 | 342.14 | 7.85 | 530.63 | 1.413e+04 | -3.613e+04 |
| 36 | 399 | -6.602e+04 | 4.066e+04 | -0.02 | -480.00 | 0.0 | -2775.14 | 652.82 | -75.16 | -2755.20 | 4.066e+04 | -1.064e+05 |
| | | -1.064e+05 | 2.864e+04 | -0.02 | 0.0 | 160.0 | -2775.14 | 172.82 | -75.16 | -2755.20 | 2.864e+04 | -6.602e+04 |
| 36 | 407 | -3.083e+04 | 1.539e+04 | 4.84e-03 | -480.00 | 0.0 | -1505.55 | 137.66 | 7.82 | 528.79 | 1.539e+04 | -3.588e+04 |
| | | -3.588e+04 | 1.414e+04 | -6.94e-03 | 0.0 | 160.0 | -1505.55 | 342.34 | 7.82 | 528.79 | 1.414e+04 | -3.588e+04 |
| 36 | 412 | -2.259e+04 | 1.654e+04 | 4.34e-03 | -480.00 | 0.0 | -1911.36 | 119.06 | 22.30 | 535.56 | 1.654e+04 | -2.852e+04 |
| | | -2.852e+04 | 1.297e+04 | -6.86e-03 | 0.0 | 160.0 | -1911.36 | 360.94 | 22.30 | 535.56 | 1.297e+04 | -2.852e+04 |
| 36 | 415 | -3.901e+04 | 1.532e+04 | 5.35e-03 | -480.00 | 0.0 | -1099.75 | 156.27 | -6.66 | 522.02 | 1.532e+04 | -4.323e+04 |
| | | -4.323e+04 | 1.425e+04 | -7.02e-03 | 0.0 | 160.0 | -1099.75 | 323.73 | -6.66 | 522.02 | 1.425e+04 | -5.615e+04 |
| 36 | 432 | -2.463e+04 | 1.840e+04 | 6.30e-03 | -480.00 | 0.0 | -1822.63 | 111.17 | 45.59 | 893.42 | 1.840e+04 | -3.086e+04 |
| | | -3.086e+04 | 1.111e+04 | -6.51e-03 | 0.0 | 160.0 | -1822.63 | 368.83 | 45.59 | 893.42 | 1.111e+04 | -3.086e+04 |
| 36 | 440 | -2.646e+04 | 1.578e+04 | 4.48e-03 | -480.00 | 0.0 | -1719.85 | 127.61 | 12.75 | 514.11 | 1.578e+04 | -3.204e+04 |
| | | -3.204e+04 | 1.374e+04 | -6.93e-03 | 0.0 | 160.0 | -1719.85 | 352.39 | 12.75 | 514.11 | 1.374e+04 | -3.204e+04 |
| 36 | 443 | -3.520e+04 | 1.501e+04 | 5.20e-03 | -480.00 | 0.0 | -1291.26 | 147.71 | 2.89 | 543.47 | 1.501e+04 | -5.168e+04 |
| | | -5.168e+04 | 1.454e+04 | -6.95e-03 | 0.0 | 160.0 | -1291.26 | 332.29 | 2.89 | 543.47 | 1.454e+04 | -5.168e+04 |
| 36 | 464 | -2.773e+04 | 1.689e+04 | 5.57e-03 | -480.00 | 0.0 | -1663.16 | 124.51 | 26.58 | 709.88 | 1.689e+04 | -4.233e+04 |
| | | -4.233e+04 | 1.264e+04 | -6.73e-03 | 0.0 | 160.0 | -1663.16 | 355.49 | 26.58 | 709.88 | 1.264e+04 | -4.233e+04 |
| 37 | 94 | -2.809e+04 | 1.402e+04 | -7.54e-03 | -480.00 | 0.0 | -1622.35 | 377.09 | 29.10 | 917.97 | 1.402e+04 | -4.731e+04 |
| | | -4.731e+04 | 1.868e+04 | 7.85e-03 | 0.0 | 160.0 | -1622.35 | 102.91 | 29.10 | 917.97 | 1.868e+04 | -4.731e+04 |
| 37 | 114 | -2.432e+04 | 1.378e+04 | -6.69e-03 | -480.00 | 0.0 | -1730.45 | 346.34 | 31.58 | 912.62 | 1.378e+04 | -2.839e+04 |
| | | -2.839e+04 | 1.188e+04 | -7.69e-03 | 0.0 | 160.0 | -1730.45 | 133.66 | 31.58 | 912.62 | 1.188e+04 | -2.839e+04 |
| 37 | 169 | -9.595e+04 | 4.361e+04 | -0.06 | -648.00 | 0.0 | -4828.52 | 1290.68 | 180.73 | 6950.74 | 4.361e+04 | -9.595e+04 |
| | | -9.595e+04 | 7.253e+04 | 0.03 | 0.0 | 160.0 | -4828.52 | 642.68 | 180.73 | 6950.74 | 7.253e+04 | -9.595e+04 |
| 37 | 171 | -9.803e+04 | 4.398e+04 | -0.06 | -648.00 | 0.0 | -5084.10 | 1312.87 | 176.81 | 6830.97 | 4.398e+04 | -9.803e+04 |
| | | -9.803e+04 | 7.227e+04 | 0.03 | 0.0 | 160.0 | -5084.10 | 664.87 | 176.81 | 6830.97 | 7.227e+04 | -9.803e+04 |
| 37 | 307 | -3.588e+04 | 1.472e+04 | -3.32e-03 | -480.00 | 0.0 | -1849.74 | 243.09 | 17.35 | 456.40 | 1.472e+04 | -4.477e+04 |
| | | -4.477e+04 | 1.749e+04 | -7.68e-03 | 0.0 | 160.0 | -1849.74 | 236.91 | 17.35 | 456.40 | 1.749e+04 | -4.477e+04 |
| 37 | 317 | -3.273e+04 | 1.453e+04 | -2.68e-03 | -480.00 | 0.0 | -1930.01 | 220.26 | 19.20 | 452.43 | 1.453e+04 | -4.209e+04 |
| | | -4.209e+04 | 1.760e+04 | -7.57e-03 | 0.0 | 160.0 | -1930.01 | 259.74 | 19.20 | 452.43 | 1.760e+04 | -4.209e+04 |
| 37 | 319 | -3.270e+04 | 1.465e+04 | -2.65e-03 | -480.00 | 0.0 | -1932.58 | 219.02 | 18.21 | 437.67 | 1.465e+04 | -4.272e+04 |
| | | -4.272e+04 | 1.757e+04 | -7.58e-03 | 0.0 | 160.0 | -1932.58 | 260.98 | 18.21 | 437.67 | 1.757e+04 | -4.272e+04 |
| 37 | 345 | -6.959e+04 | 3.232e+04 | -0.04 | -480.00 | 0.0 | -3535.51 | 967.59 | 133.77 | 5157.52 | 3.232e+04 | -1.428e+05 |

| | | | | | | | | |
|----|-------------------------|-----------|---------|-------|----------|---------|---------|-------------------------------|
| | -1.428e+05-5.372e+04 | 0.02 | 0.0 | 160.0 | -3535.51 | 487.59 | 133.77 | 5157.52-3.232e+04-6.959e+04 |
| 37 | 346-7.098e+04-3.257e+04 | -0.04 | -480.00 | 0.0 | -3705.90 | 982.38 | 131.15 | 5077.67-5.355e+04-1.457e+05 |
| | -1.457e+05-5.355e+04 | 0.02 | 0.0 | 160.0 | -3705.90 | 502.38 | 131.15 | 5077.67-3.257e+04-7.098e+04 |
| 37 | 392-3.030e+04-1.442e+04 | 4.37e-03 | -480.00 | 0.0 | -1482.15 | 145.44 | -5.71 | -414.01-1.442e+04-3.575e+04 |
| | -4.523e+04-1.533e+04 | 7.00e-03 | 0.0 | 160.0 | -1482.15 | -334.56 | -5.71 | -414.01-1.533e+04-4.523e+04 |
| 37 | 393-3.054e+04-1.453e+04 | 4.27e-03 | -480.00 | 0.0 | -1474.42 | 149.14 | -2.75 | -369.75-1.453e+04-3.640e+04 |
| | -4.476e+04-1.497e+04 | 6.97e-03 | 0.0 | 160.0 | -1474.42 | -330.86 | -2.75 | -369.75-1.497e+04-4.476e+04 |
| 37 | 402-6.354e+04-2.843e+04 | -0.02 | -480.00 | 0.0 | -2710.87 | 674.53 | 80.29 | 3025.02-4.127e+04-1.067e+05 |
| | -1.067e+05-4.127e+04 | 0.02 | 0.0 | 160.0 | -2710.87 | 194.53 | 80.29 | 3025.02-2.843e+04-6.354e+04 |
| 37 | 407-3.031e+04-1.442e+04 | 4.37e-03 | -480.00 | 0.0 | -1482.28 | 145.00 | -5.66 | -412.77-1.442e+04-3.574e+04 |
| | -4.526e+04-1.533e+04 | 7.00e-03 | 0.0 | 160.0 | -1482.28 | -335.00 | -5.66 | -412.77-1.533e+04-4.526e+04 |
| 37 | 420-2.689e+04-1.363e+04 | 4.71e-03 | -480.00 | 0.0 | -1623.20 | 135.30 | -15.69 | -504.56-1.363e+04-3.252e+04 |
| | -4.150e+04-1.614e+04 | 7.01e-03 | 0.0 | 160.0 | -1623.20 | -344.70 | -15.69 | -504.56-1.614e+04-4.150e+04 |
| 37 | 423-3.373e+04-1.451e+04 | 4.03e-03 | -480.00 | 0.0 | -1341.36 | 154.70 | 4.36 | -320.99-1.521e+04-3.896e+04 |
| | -4.902e+04-1.521e+04 | 6.99e-03 | 0.0 | 160.0 | -1341.36 | -325.30 | 4.36 | -320.99-1.451e+04-4.902e+04 |
| 37 | 426-2.863e+04-1.441e+04 | 9.97e-04 | -480.00 | 0.0 | -1506.52 | 140.35 | -37.82 | -890.51-1.184e+04-3.640e+04 |
| | -4.269e+04-1.789e+04 | 6.68e-03 | 0.0 | 160.0 | -1506.52 | -339.65 | -37.82 | -890.51-1.789e+04-4.269e+04 |
| 37 | 432-2.816e+04-1.231e+04 | 4.69e-03 | -480.00 | 0.0 | -1628.13 | 128.39 | -32.07 | -826.84-1.231e+04-3.305e+04 |
| | -4.401e+04-1.744e+04 | 6.79e-03 | 0.0 | 160.0 | -1628.13 | -351.61 | -32.07 | -826.84-1.744e+04-4.401e+04 |
| 37 | 435-3.246e+04-1.321e+04 | 4.06e-03 | -480.00 | 0.0 | -1336.42 | 161.62 | 20.75 | 1.30-1.653e+04-3.252e+04 |
| | -4.650e+04-1.653e+04 | 7.21e-03 | 0.0 | 160.0 | -1336.42 | -318.38 | 20.75 | 1.30-1.321e+04-4.650e+04 |
| 37 | 460-2.843e+04-1.352e+04 | 4.84e-03 | -480.00 | 0.0 | -1553.48 | 135.39 | -17.05 | -550.23-1.352e+04-3.401e+04 |
| | -4.312e+04-1.624e+04 | 6.89e-03 | 0.0 | 160.0 | -1553.48 | -344.61 | -17.05 | -550.23-1.624e+04-4.312e+04 |
| 37 | 463-3.219e+04-1.441e+04 | 3.90e-03 | -480.00 | 0.0 | -1411.07 | 154.61 | 5.73 | -275.31-1.533e+04-3.747e+04 |
| | -4.739e+04-1.533e+04 | 7.11e-03 | 0.0 | 160.0 | -1411.07 | -325.39 | 5.73 | -275.31-1.441e+04-4.739e+04 |
| 37 | 464-2.925e+04-1.338e+04 | 4.54e-03 | -480.00 | 0.0 | -1554.70 | 136.77 | -18.77 | -618.42-1.338e+04-3.440e+04 |
| | -4.466e+04-1.638e+04 | 6.90e-03 | 0.0 | 160.0 | -1554.70 | -343.23 | -18.77 | -618.42-1.638e+04-4.466e+04 |
| 37 | 466-2.940e+04-1.326e+04 | 4.44e-03 | -480.00 | 0.0 | -1521.37 | 138.20 | -20.11 | -629.00-1.326e+04-3.519e+04 |
| | -4.374e+04-1.648e+04 | 6.92e-03 | 0.0 | 160.0 | -1521.37 | -341.80 | -20.11 | -629.00-1.648e+04-4.374e+04 |
| 37 | 467-3.138e+04-1.428e+04 | 4.21e-03 | -480.00 | 0.0 | -1409.85 | 153.24 | 7.44 | -207.12-1.547e+04-3.708e+04 |
| | -4.586e+04-1.547e+04 | 7.10e-03 | 0.0 | 160.0 | -1409.85 | -326.76 | 7.44 | -207.12-1.428e+04-4.586e+04 |
| 38 | 169 5.275e+04 6758.28 | -0.03 | -324.00 | 0.0 | 2296.72 | 2539.81 | 1036.90 | 1.439e+04-7.619e+04-9.183e+04 |
| | -9.183e+04-7.619e+04 | 3.68e-03 | 0.0 | 80.0 | 2296.72 | 2215.81 | 1036.90 | 1.439e+04 6758.28 5.275e+04 |
| 38 | 170 7.134e+04 6381.85 | -0.03 | -240.00 | 0.0 | 3472.18 | 2414.34 | 1003.25 | 1.420e+04-7.388e+04-6.661e+04 |
| | -6.661e+04-7.388e+04 | 3.63e-03 | 0.0 | 80.0 | 3472.18 | 2174.34 | 1003.25 | 1.420e+04 6381.85 7.134e+04 |
| 38 | 171 5.314e+04 6758.28 | -0.03 | -324.00 | 0.0 | 2220.22 | 2583.92 | 1030.82 | 1.429e+04-7.571e+04-9.358e+04 |
| | -9.358e+04-7.571e+04 | 3.65e-03 | 0.0 | 80.0 | 2220.22 | 2259.92 | 1030.82 | 1.429e+04 6758.28 5.314e+04 |
| 38 | 172 7.173e+04 6381.85 | -0.03 | -240.00 | 0.0 | 3395.68 | 2458.45 | 997.17 | 1.411e+04-7.339e+04-6.836e+04 |
| | -6.836e+04-7.339e+04 | 3.59e-03 | 0.0 | 80.0 | 3395.68 | 2218.45 | 997.17 | 1.411e+04 6381.85 7.173e+04 |
| 38 | 207 -9289.45 1655.10 | -4.35e-03 | -324.00 | 0.0 | -2208.73 | 915.34 | 178.64 | 1781.85-1.264e+04-5.910e+04 |
| | -5.910e+04-1.264e+04 | -5.79e-04 | 0.0 | 80.0 | -2208.73 | 591.34 | 178.64 | 1781.85 1655.10 -9289.45 |
| 38 | 345 4.040e+04 5006.08 | -0.03 | -240.00 | 0.0 | 1783.15 | 1882.71 | 767.26 | 1.065e+04-5.637e+04-6.664e+04 |
| | -6.664e+04-5.637e+04 | 2.72e-03 | 0.0 | 80.0 | 1783.15 | 1642.71 | 767.26 | 1.065e+04 5006.08 4.040e+04 |
| 38 | 346 4.066e+04 5006.08 | -0.03 | -240.00 | 0.0 | 1732.16 | 1912.11 | 763.21 | 1.059e+04-5.605e+04-6.780e+04 |
| | -6.780e+04-5.605e+04 | 2.70e-03 | 0.0 | 80.0 | 1732.16 | 1672.11 | 763.21 | 1.059e+04 5006.08 4.066e+04 |
| 38 | 364 -5500.16 1226.14 | -3.26e-03 | -240.00 | 0.0 | -1539.40 | 675.00 | 132.11 | 1322.19 -9342.86-4.212e+04 |
| | -4.212e+04 -9342.86 | -4.28e-04 | 0.0 | 80.0 | -1539.40 | 435.00 | 132.11 | 1322.19 1226.14 -5500.16 |
| 38 | 402 1.804e+04 3884.20 | -0.02 | -240.00 | 0.0 | 1074.24 | 1252.22 | 555.85 | 7282.67-4.058e+04-5.186e+04 |
| | -5.186e+04-4.058e+04 | 1.89e-03 | 0.0 | 80.0 | 1074.24 | 1012.22 | 555.85 | 7282.67 3884.20 1.804e+04 |
| 38 | 404 -4136.52 1230.53 | -3.43e-03 | -240.00 | 0.0 | -1330.82 | 647.20 | 130.44 | 1340.93 -9204.26-3.858e+04 |
| | -3.858e+04 -9204.26 | -4.34e-04 | 0.0 | 80.0 | -1330.82 | 407.20 | 130.44 | 1340.93 1230.53 -4136.52 |
| 38 | 407-1.689e+04 1064.82 | 2.27e-04 | -240.00 | 0.0 | -1169.31 | 361.37 | 96.82 | 557.08 -6680.59-3.494e+04 |
| | -3.494e+04 -6680.59 | -4.51e-04 | 0.0 | 80.0 | -1169.31 | 121.37 | 96.82 | 557.08 1064.82-1.689e+04 |
| 38 | 421-1.632e+04 1396.91 | -8.70e-04 | -240.00 | 0.0 | -1208.18 | 355.74 | 100.17 | 621.40 -7156.24-3.351e+04 |
| | -3.351e+04 -7156.24 | 3.05e-04 | 0.0 | 80.0 | -1208.18 | 115.74 | 100.17 | 621.40 1396.91-1.632e+04 |
| 38 | 425-1.768e+04 1118.26 | 1.61e-03 | -240.00 | 0.0 | -1134.60 | 329.57 | 136.52 | 1034.69 -9767.48-3.722e+04 |
| | -3.722e+04 -9767.48 | 4.21e-04 | 0.0 | 80.0 | -1134.60 | 89.57 | 136.52 | 1034.69 1118.26-1.768e+04 |
| 38 | 432-1.176e+04 975.73 | 3.93e-03 | -240.00 | 0.0 | -1476.90 | 346.33 | 66.33 | 124.69 -4196.33-3.006e+04 |
| | -3.006e+04 -4196.33 | -1.30e-03 | 0.0 | 80.0 | -1476.90 | 106.33 | 66.33 | 124.69 975.73-1.176e+04 |
| 38 | 435-2.203e+04 1153.91 | -3.48e-03 | -240.00 | 0.0 | -861.71 | 376.40 | 127.30 | 989.47 -9164.85-3.982e+04 |
| | -3.982e+04 -9164.85 | 6.71e-04 | 0.0 | 80.0 | -861.71 | 136.40 | 127.30 | 989.47 1153.91-2.203e+04 |
| 38 | 436-1.171e+04 976.84 | 3.92e-03 | -240.00 | 0.0 | -1476.68 | 340.59 | 61.58 | 122.04 -3953.90-2.997e+04 |
| | -2.997e+04 -3953.90 | -1.25e-03 | 0.0 | 80.0 | -1476.68 | 100.59 | 61.58 | 122.04 976.84-1.171e+04 |
| 38 | 439-2.207e+04 1152.79 | -3.48e-03 | -240.00 | 0.0 | -861.93 | 382.14 | 132.06 | 992.11 -9407.28-3.992e+04 |
| | -3.992e+04 -9407.28 | 6.58e-04 | 0.0 | 80.0 | -861.93 | 142.14 | 132.06 | 992.11 1152.79-2.207e+04 |
| 38 | 449-1.668e+04 1244.52 | -7.28e-04 | -240.00 | 0.0 | -1188.40 | 360.08 | 97.81 | 581.97 -6856.16-3.425e+04 |
| | -3.425e+04 -6856.16 | 2.60e-04 | 0.0 | 80.0 | -1188.40 | 120.08 | 97.81 | 581.97 1244.52-1.668e+04 |
| 38 | 456-1.406e+04 979.66 | 3.42e-03 | -240.00 | 0.0 | -1324.60 | 348.71 | 83.76 | 364.43 -5643.55-3.240e+04 |
| | -3.240e+04 -5643.55 | -1.06e-03 | 0.0 | 80.0 | -1324.60 | 108.71 | 83.76 | 364.43 979.66-1.406e+04 |
| 38 | 459-1.973e+04 1149.97 | -2.98e-03 | -240.00 | 0.0 | -1014.01 | 374.02 | 109.88 | 749.73 -7717.63-3.749e+04 |
| | -3.749e+04 -7717.63 | 4.72e-04 | 0.0 | 80.0 | -1014.01 | 134.02 | 109.88 | 749.73 1149.97-1.973e+04 |
| 38 | 460-1.404e+04 980.20 | 3.42e-03 | -240.00 | 0.0 | -1324.47 | 345.83 | 81.36 | 363.11 -5521.83-3.235e+04 |
| | -3.235e+04 -5521.83 | -1.04e-03 | 0.0 | 80.0 | -1324.47 | 105.83 | 81.36 | 363.11 980.20-1.404e+04 |
| 38 | 463-1.975e+04 1149.43 | -2.97e-03 | -240.00 | 0.0 | -1014.15 | 376.90 | 112.27 | 751.05 -7839.35-3.754e+04 |
| | -3.754e+04 -7839.35 | 4.68e-04 | 0.0 | 80.0 | -1014.15 | 136.90 | 112.27 | 751.05 1149.43-1.975e+04 |
| 38 | 465-1.889e+04 1191.45 | -1.60e-03 | -240.00 | 0.0 | -1053.18 | 371.32 | 114.72 | 756.40 -8061.63-3.665e+04 |
| | -3.665e+04 -8061.63 | 3.98e-04 | 0.0 | 80.0 | -1053.18 | 131.32 | 114.72 | 756.40 1191.45-1.889e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|---------|-------|----------|---------|---------|----------|------------|------------|
| 39 | 101 | -4.453e+04 | -2.577e+04 | -0.01 | -648.00 | 0.0 | -2750.77 | 312.48 | 36.66 | 1610.75 | -3.164e+04 | -5.623e+04 |
| | | -5.875e+04 | -3.164e+04 | 0.01 | 0.0 | 160.0 | -2750.77 | -335.52 | 36.66 | 1610.75 | -2.577e+04 | -5.875e+04 |
| 39 | 112 | -593.81 | -2.116e+04 | -0.02 | -480.00 | 0.0 | -349.87 | 26.29 | 58.19 | 2508.78 | -3.047e+04 | -1658.57 |
| | | -2.718e+04 | -3.047e+04 | 0.01 | 0.0 | 160.0 | -349.87 | -453.71 | 58.19 | 2508.78 | -2.116e+04 | -2.718e+04 |
| 39 | 146 | -2.611e+04 | -1.558e+04 | -0.02 | -480.00 | 0.0 | -831.05 | 67.01 | 38.69 | 1676.20 | -2.177e+04 | -2.847e+04 |
| | | -4.782e+04 | -2.177e+04 | 8.98e-03 | 0.0 | 160.0 | -831.05 | -412.99 | 38.69 | 1676.20 | -1.558e+04 | -4.782e+04 |
| 39 | 169 | -7.292e+04 | -6.627e+04 | -0.07 | -648.00 | 0.0 | 198.40 | 154.69 | 142.59 | 7315.22 | -8.908e+04 | -7.787e+04 |
| | | -9.765e+04 | -8.908e+04 | 0.04 | 0.0 | 160.0 | 198.40 | -493.31 | 142.59 | 7315.22 | -6.627e+04 | -9.765e+04 |
| 39 | 172 | -4.454e+04 | -6.158e+04 | -0.06 | -480.00 | 0.0 | 1696.40 | -55.30 | 133.26 | 6883.75 | -8.290e+04 | -4.473e+04 |
| | | -7.781e+04 | -8.290e+04 | 0.03 | 0.0 | 160.0 | 1696.40 | -535.30 | 133.26 | 6883.75 | -6.158e+04 | -7.781e+04 |
| 39 | 311 | -3.127e+04 | -1.885e+04 | -0.01 | -480.00 | 0.0 | -1932.53 | 224.44 | 26.30 | 1162.77 | -2.306e+04 | -3.955e+04 |
| | | -4.222e+04 | -2.306e+04 | 9.87e-03 | 0.0 | 160.0 | -1932.53 | -255.56 | 26.30 | 1162.77 | -1.885e+04 | -4.222e+04 |
| 39 | 316 | -1.695e+04 | -1.936e+04 | -0.02 | -480.00 | 0.0 | -1152.33 | 178.97 | 46.54 | 2070.44 | -2.681e+04 | -2.264e+04 |
| | | -3.147e+04 | -2.681e+04 | 0.01 | 0.0 | 160.0 | -1152.33 | -301.03 | 46.54 | 2070.44 | -1.936e+04 | -3.147e+04 |
| 39 | 333 | -3.452e+04 | -1.525e+04 | -0.01 | -480.00 | 0.0 | -1480.87 | 211.11 | 31.70 | 1441.09 | -2.032e+04 | -4.219e+04 |
| | | -4.625e+04 | -2.032e+04 | 8.51e-03 | 0.0 | 160.0 | -1480.87 | -268.89 | 31.70 | 1441.09 | -1.525e+04 | -4.625e+04 |
| 39 | 345 | -5.264e+04 | -4.913e+04 | -0.05 | -480.00 | 0.0 | 233.66 | 103.74 | 104.76 | 5391.00 | -6.589e+04 | -5.593e+04 |
| | | -7.180e+04 | -6.589e+04 | 0.03 | 0.0 | 160.0 | 233.66 | -376.26 | 104.76 | 5391.00 | -4.913e+04 | -7.180e+04 |
| 39 | 346 | -5.080e+04 | -4.930e+04 | -0.05 | -480.00 | 0.0 | 363.43 | 118.54 | 102.15 | 5311.16 | -6.564e+04 | -5.454e+04 |
| | | -6.897e+04 | -6.564e+04 | 0.03 | 0.0 | 160.0 | 363.43 | -361.46 | 102.15 | 5311.16 | -4.930e+04 | -6.897e+04 |
| 39 | 391 | -3.032e+04 | -1.442e+04 | -4.35e-03 | -480.00 | 0.0 | -1731.28 | 334.70 | 5.68 | 412.30 | -1.533e+04 | -4.525e+04 |
| | | -4.525e+04 | -1.533e+04 | 7.01e-03 | 0.0 | 160.0 | -1731.28 | -145.30 | 5.68 | 412.30 | -1.442e+04 | -4.525e+04 |
| 39 | 393 | -3.009e+04 | -1.432e+04 | -4.45e-03 | -480.00 | 0.0 | -1730.42 | 338.83 | 8.59 | 455.32 | -1.569e+04 | -4.575e+04 |
| | | -4.575e+04 | -1.569e+04 | 7.10e-03 | 0.0 | 160.0 | -1730.42 | -141.17 | 8.59 | 455.32 | -1.432e+04 | -4.575e+04 |
| 39 | 399 | -2.400e+04 | -1.658e+04 | -9.23e-03 | -480.00 | 0.0 | -1588.10 | 261.74 | 21.69 | 1038.24 | -2.005e+04 | -3.398e+04 |
| | | -3.398e+04 | -2.005e+04 | 8.59e-03 | 0.0 | 160.0 | -1588.10 | -218.26 | 21.69 | 1038.24 | -1.658e+04 | -3.322e+04 |
| 39 | 402 | -4.997e+04 | -3.904e+04 | -0.03 | -480.00 | 0.0 | -451.28 | 216.41 | 63.39 | 3468.78 | -4.918e+04 | -5.791e+04 |
| | | -6.135e+04 | -4.918e+04 | 0.02 | 0.0 | 160.0 | -451.28 | -263.59 | 63.39 | 3468.78 | -3.904e+04 | -6.135e+04 |
| 39 | 407 | -3.032e+04 | -1.442e+04 | -4.35e-03 | -480.00 | 0.0 | -1731.28 | 334.70 | 5.68 | 412.30 | -1.533e+04 | -4.525e+04 |
| | | -4.525e+04 | -1.533e+04 | 7.01e-03 | 0.0 | 160.0 | -1731.28 | -145.30 | 5.68 | 412.30 | -1.442e+04 | -4.525e+04 |
| 39 | 413 | -2.686e+04 | -1.364e+04 | -4.69e-03 | -480.00 | 0.0 | -1869.75 | 344.45 | 15.62 | 504.31 | -1.614e+04 | -4.139e+04 |
| | | -4.139e+04 | -1.614e+04 | 7.00e-03 | 0.0 | 160.0 | -1869.75 | -135.55 | 15.62 | 504.31 | -1.364e+04 | -4.139e+04 |
| 39 | 420 | -3.032e+04 | -1.434e+04 | -4.56e-03 | -480.00 | 0.0 | -1810.86 | 334.80 | -7.07 | 254.58 | -1.434e+04 | -4.921e+04 |
| | | -4.921e+04 | -1.547e+04 | 7.06e-03 | 0.0 | 160.0 | -1810.86 | -145.20 | -7.07 | 254.58 | -1.547e+04 | -3.373e+04 |
| 39 | 421 | -2.897e+04 | -1.415e+04 | -4.75e-03 | -480.00 | 0.0 | -1876.26 | 345.10 | 9.43 | 497.58 | -1.565e+04 | -4.752e+04 |
| | | -4.752e+04 | -1.565e+04 | 7.14e-03 | 0.0 | 160.0 | -1876.26 | -134.90 | 9.43 | 497.58 | -1.415e+04 | -3.253e+04 |
| 39 | 422 | -3.128e+04 | -1.470e+04 | -3.95e-03 | -480.00 | 0.0 | -1586.31 | 324.29 | 1.92 | 327.01 | -1.501e+04 | -4.298e+04 |
| | | -4.298e+04 | -1.501e+04 | 6.87e-03 | 0.0 | 160.0 | -1586.31 | -155.71 | 1.92 | 327.01 | -1.470e+04 | -3.899e+04 |
| 39 | 431 | -2.861e+04 | -1.184e+04 | -8.57e-04 | -480.00 | 0.0 | -1752.86 | 340.49 | 37.85 | 892.21 | -1.790e+04 | -4.274e+04 |
| | | -4.274e+04 | -1.790e+04 | 7.32e-03 | 0.0 | 160.0 | -1752.86 | -139.51 | 37.85 | 892.21 | -1.184e+04 | -3.453e+04 |
| 39 | 457 | -2.811e+04 | -1.343e+04 | -4.30e-03 | -480.00 | 0.0 | -1807.23 | 343.11 | 18.03 | 630.04 | -1.632e+04 | -4.314e+04 |
| | | -4.314e+04 | -1.632e+04 | 7.16e-03 | 0.0 | 160.0 | -1807.23 | -136.89 | 18.03 | 630.04 | -1.343e+04 | -4.314e+04 |
| 39 | 460 | -3.203e+04 | -1.432e+04 | -4.48e-03 | -480.00 | 0.0 | -1688.20 | 327.76 | -7.09 | 184.64 | -1.432e+04 | -4.737e+04 |
| | | -4.737e+04 | -1.546e+04 | 6.87e-03 | 0.0 | 160.0 | -1688.20 | -152.24 | -7.09 | 184.64 | -1.546e+04 | -3.723e+04 |
| 39 | 461 | -2.846e+04 | -1.351e+04 | -4.31e-03 | -480.00 | 0.0 | -1808.19 | 343.21 | 17.10 | 629.02 | -1.624e+04 | -4.407e+04 |
| | | -4.407e+04 | -1.624e+04 | 7.18e-03 | 0.0 | 160.0 | -1808.19 | -136.79 | 17.10 | 629.02 | -1.351e+04 | -3.479e+04 |
| 39 | 462 | -3.218e+04 | -1.442e+04 | -4.39e-03 | -480.00 | 0.0 | -1654.38 | 326.18 | -5.75 | 195.57 | -1.442e+04 | -4.643e+04 |
| | | -4.643e+04 | -1.534e+04 | 6.84e-03 | 0.0 | 160.0 | -1654.38 | -153.82 | -5.75 | 195.57 | -1.534e+04 | -3.803e+04 |
| 39 | 471 | -2.925e+04 | -1.327e+04 | -4.46e-03 | -480.00 | 0.0 | -1768.27 | 342.41 | 20.01 | 618.95 | -1.647e+04 | -4.338e+04 |
| | | -4.338e+04 | -1.647e+04 | 7.07e-03 | 0.0 | 160.0 | -1768.27 | -137.59 | 20.01 | 618.95 | -1.327e+04 | -3.517e+04 |
| 40 | 101 | -4.434e+04 | 3.037e+04 | -0.01 | -648.00 | 0.0 | -2754.33 | 339.78 | -26.47 | -1472.49 | 3.037e+04 | -5.734e+04 |
| | | -5.734e+04 | 2.613e+04 | -0.01 | 0.0 | 160.0 | -2754.33 | -308.22 | -26.47 | -1472.49 | 2.613e+04 | -5.725e+04 |
| 40 | 169 | -7.294e+04 | 8.907e+04 | -0.07 | -648.00 | 0.0 | 195.90 | 155.52 | -142.46 | -7311.99 | 8.907e+04 | -7.793e+04 |
| | | -9.762e+04 | 6.628e+04 | -0.04 | 0.0 | 160.0 | 195.90 | -492.48 | -142.46 | -7311.99 | 6.628e+04 | -9.762e+04 |
| 40 | 172 | -4.460e+04 | 8.289e+04 | -0.06 | -480.00 | 0.0 | 1693.48 | -54.39 | -133.14 | -6880.54 | 8.289e+04 | -4.478e+04 |
| | | -7.778e+04 | 6.159e+04 | -0.03 | 0.0 | 160.0 | 1693.48 | -534.39 | -133.14 | -6880.54 | 6.159e+04 | -7.778e+04 |
| 40 | 186 | -3.458e+04 | 2.201e+04 | -0.02 | -480.00 | 0.0 | -1207.51 | 210.72 | -41.09 | -1579.64 | 2.201e+04 | -4.254e+04 |
| | | -4.594e+04 | 1.534e+04 | -8.96e-03 | 0.0 | 160.0 | -1207.51 | -269.28 | -41.09 | -1579.64 | 1.534e+04 | -4.594e+04 |
| 40 | 212 | -1157.64 | 3.045e+04 | -0.02 | -480.00 | 0.0 | -330.71 | 26.14 | -58.06 | -2501.95 | 3.045e+04 | -2227.48 |
| | | -2.772e+04 | 2.116e+04 | -0.01 | 0.0 | 160.0 | -330.71 | -453.86 | -58.06 | -2501.95 | 2.116e+04 | -2.772e+04 |
| 40 | 311 | -3.114e+04 | 2.212e+04 | -0.01 | -480.00 | 0.0 | -1934.83 | 244.62 | -18.75 | -1060.40 | 2.212e+04 | -4.037e+04 |
| | | -4.111e+04 | 1.912e+04 | -9.82e-03 | 0.0 | 160.0 | -1934.83 | -235.38 | -18.75 | -1060.40 | 1.912e+04 | -4.111e+04 |
| 40 | 316 | -1.701e+04 | 2.556e+04 | -0.02 | -480.00 | 0.0 | -1154.79 | 205.64 | -36.51 | -1934.81 | 2.556e+04 | -2.372e+04 |
| | | -2.999e+04 | 1.972e+04 | -0.01 | 0.0 | 160.0 | -1154.79 | -274.36 | -36.51 | -1934.81 | 1.972e+04 | -2.999e+04 |
| 40 | 345 | -5.266e+04 | 6.588e+04 | -0.05 | -480.00 | 0.0 | 232.16 | 104.25 | -104.67 | -5388.91 | 6.588e+04 | -5.596e+04 |
| | | -7.178e+04 | 4.913e+04 | -0.03 | 0.0 | 160.0 | 232.16 | -375.75 | -104.67 | -5388.91 | 4.913e+04 | -7.178e+04 |
| 40 | 346 | -5.082e+04 | 6.564e+04 | -0.05 | -480.00 | 0.0 | 361.93 | 119.05 | -102.06 | -5309.07 | 6.564e+04 | -5.457e+04 |
| | | -6.896e+04 | 4.931e+04 | -0.03 | 0.0 | 160.0 | 361.93 | -360.95 | -102.06 | -5309.07 | 4.931e+04 | -6.896e+04 |
| 40 | 353 | -3.878e+04 | 2.050e+04 | -0.02 | -480.00 | 0.0 | -1759.75 | 317.66 | -33.48 | -1369.69 | 2.050e+04 | -5.263e+04 |
| | | -5.263e+04 | 1.515e+04 | -8.50e-03 | 0.0 | 160.0 | -1759.75 | -162.34 | -33.48 | -1369.69 | 1.515e+04 | -4.486e+04 |
| 40 | 392 | -3.031e+04 | 1.533e+04 | -4.35e-03 | -480.00 | 0.0 | -1731.99 | 334.96 | -5.61 | -410.91 | 1.533e+04 | -4.526e+04 |
| | | -4.526e+04 | 1.443e+04 | -7.01e-03 | 0.0 | 160.0 | -1731.99 | -145.04 | -5.61 | -410.91 | 1.443e+04 | -3.574e+04 |
| 40 | 393 | -3.009e+04 | 1.569e+04 | -4.45e-03 | -480.00 | 0.0 | -1729.34 | 338.64 | -8.57 | -455.27 | 1.569e+04 | -4.573e+04 |
| | | -4.573e+04 | 1.432e+04 | -7.10e-03 | 0.0 | 160.0 | -1729.34 | -141.36 | -8.57 | -455.27 | 1.432e+04 | -3.510e+04 |
| 40 | 399 | -2.383e+04 | 1.912e+04 | -9.62e-03 | -480.00 | 0.0 | -1587.49 | 281.03 | -14.24 | -938.47 | 1.912e+04 | -3.475e+04 |
| | | -3.475e+04 | 1.684e+04 | -8.54e-03 | 0.0 | 160.0 | -1587.49 | -198.97 | -14.24 | -938.47 | 1.684e+04 | -3.214e+04 |
| 40 | 402 | -4.996e+04 | 4.918e+04 | -0.03 | -480.00 | 0.0 | -449.94 | 216.09 | -63.40 | -3469.16 | 4.918e+04 | -5.789e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|-----------|-----------|---------|-------|----------|---------|----------|------------|-----------|------------|
| | | -6.136e+04 | 3.904e+04 | -0.02 | 0.0 | 160.0 | -449.94 | -263.91 | -63.40 | -3469.16 | 3.904e+04 | -6.136e+04 |
| 40 | 407 | -3.031e+04 | 1.533e+04 | -4.35e-03 | -480.00 | 0.0 | -1730.20 | 334.50 | -5.66 | -412.26 | 1.533e+04 | -4.523e+04 |
| | | -4.523e+04 | 1.442e+04 | -7.01e-03 | 0.0 | 160.0 | -1730.20 | -145.50 | -5.66 | -412.26 | 1.442e+04 | -3.576e+04 |
| 40 | 429 | -3.032e+04 | 1.773e+04 | -1.76e-03 | -480.00 | 0.0 | -1811.79 | 340.83 | -35.63 | -990.24 | 1.773e+04 | -4.672e+04 |
| | | -4.672e+04 | 1.203e+04 | -6.37e-03 | 0.0 | 160.0 | -1811.79 | -139.17 | -35.63 | -990.24 | 1.203e+04 | -3.488e+04 |
| 40 | 432 | -3.505e+04 | 1.624e+04 | -3.34e-03 | -480.00 | 0.0 | -1490.74 | 313.84 | 17.03 | -138.52 | 1.351e+04 | -5.148e+04 |
| | | -5.148e+04 | 1.351e+04 | -6.67e-03 | 0.0 | 160.0 | -1490.74 | -166.16 | 17.03 | -138.52 | 1.624e+04 | -3.960e+04 |
| 40 | 435 | -2.557e+04 | 1.715e+04 | -5.36e-03 | -480.00 | 0.0 | -1969.65 | 355.16 | -28.34 | -685.99 | 1.715e+04 | -3.899e+04 |
| | | -3.899e+04 | 1.261e+04 | -7.35e-03 | 0.0 | 160.0 | -1969.65 | -124.84 | -28.34 | -685.99 | 1.261e+04 | -3.193e+04 |
| 40 | 436 | -3.504e+04 | 1.608e+04 | -3.36e-03 | -480.00 | 0.0 | -1487.55 | 313.62 | 15.15 | -141.24 | 1.366e+04 | -5.147e+04 |
| | | -5.147e+04 | 1.366e+04 | -6.63e-03 | 0.0 | 160.0 | -1487.55 | -166.38 | 15.15 | -141.24 | 1.608e+04 | -3.958e+04 |
| 40 | 439 | -2.558e+04 | 1.700e+04 | -5.34e-03 | -480.00 | 0.0 | -1972.84 | 355.38 | -26.46 | -683.27 | 1.700e+04 | -3.900e+04 |
| | | -3.900e+04 | 1.276e+04 | -7.39e-03 | 0.0 | 160.0 | -1972.84 | -124.62 | -26.46 | -683.27 | 1.276e+04 | -3.195e+04 |
| 40 | 456 | -3.344e+04 | 1.555e+04 | -3.45e-03 | -480.00 | 0.0 | -1592.70 | 320.52 | 8.48 | -217.70 | 1.420e+04 | -4.945e+04 |
| | | -4.945e+04 | 1.420e+04 | -6.95e-03 | 0.0 | 160.0 | -1592.70 | -159.48 | 8.48 | -217.70 | 1.555e+04 | -3.823e+04 |
| 40 | 459 | -2.719e+04 | 1.646e+04 | -5.25e-03 | -480.00 | 0.0 | -1867.69 | 348.49 | -19.80 | -606.81 | 1.646e+04 | -3.102e+04 |
| | | -4.102e+04 | 1.329e+04 | -7.07e-03 | 0.0 | 160.0 | -1867.69 | -131.51 | -19.80 | -606.81 | 1.329e+04 | -3.329e+04 |
| 40 | 460 | -3.343e+04 | 1.548e+04 | -3.46e-03 | -480.00 | 0.0 | -1591.12 | 320.41 | 7.54 | -219.06 | 1.427e+04 | -4.945e+04 |
| | | -4.945e+04 | 1.427e+04 | -6.92e-03 | 0.0 | 160.0 | -1591.12 | -159.59 | 7.54 | -219.06 | 1.548e+04 | -3.823e+04 |
| 40 | 461 | -2.793e+04 | 1.648e+04 | -5.32e-03 | -480.00 | 0.0 | -1834.18 | 346.53 | -20.14 | -620.07 | 1.648e+04 | -3.170e+04 |
| | | -4.176e+04 | 1.326e+04 | -7.07e-03 | 0.0 | 160.0 | -1834.18 | -133.47 | -20.14 | -620.07 | 1.326e+04 | -3.403e+04 |
| 40 | 463 | -2.719e+04 | 1.639e+04 | -5.24e-03 | -480.00 | 0.0 | -1869.27 | 348.59 | -18.86 | -605.45 | 1.639e+04 | -3.102e+04 |
| | | -4.102e+04 | 1.337e+04 | -7.10e-03 | 0.0 | 160.0 | -1869.27 | -131.41 | -18.86 | -605.45 | 1.337e+04 | -3.330e+04 |
| 41 | 107 | -8978.66 | 1.267e+04 | -4.37e-03 | -324.00 | 0.0 | -2238.20 | 915.90 | -179.07 | -1785.51 | 1.267e+04 | -5.883e+04 |
| | | -5.883e+04 | -1656.47 | 5.77e-04 | 0.0 | 80.0 | -2238.20 | 591.90 | -179.07 | -1785.51 | -1656.47 | -8978.66 |
| 41 | 169 | 5.272e+04 | 7.619e+04 | -0.03 | -324.00 | 0.0 | 2293.24 | 2539.89 | -1036.84 | -1.439e+04 | 7.619e+04 | -9.187e+04 |
| | | -9.187e+04 | -6758.67 | -3.68e-03 | 0.0 | 80.0 | 2293.24 | 2215.89 | -1036.84 | -1.439e+04 | -6758.67 | 5.272e+04 |
| 41 | 170 | 7.130e+04 | 7.388e+04 | -0.03 | -240.00 | 0.0 | 3468.29 | 2414.38 | -1003.23 | -1.420e+04 | 7.388e+04 | -6.665e+04 |
| | | -6.665e+04 | -6382.30 | -3.63e-03 | 0.0 | 80.0 | 3468.29 | 2174.38 | -1003.23 | -1.420e+04 | -6382.30 | 7.130e+04 |
| 41 | 171 | 5.311e+04 | 7.570e+04 | -0.03 | -324.00 | 0.0 | 2216.75 | 2583.99 | -1030.76 | -1.429e+04 | 7.570e+04 | -9.361e+04 |
| | | -9.361e+04 | -6758.67 | -3.65e-03 | 0.0 | 80.0 | 2216.75 | 2259.99 | -1030.76 | -1.429e+04 | -6758.67 | 5.311e+04 |
| 41 | 172 | 7.170e+04 | 7.339e+04 | -0.03 | -240.00 | 0.0 | 3391.80 | 2458.48 | -997.15 | -1.410e+04 | 7.339e+04 | -6.840e+04 |
| | | -6.840e+04 | -6382.30 | -3.59e-03 | 0.0 | 80.0 | 3391.80 | 2218.48 | -997.15 | -1.410e+04 | -6382.30 | 7.170e+04 |
| 41 | 314 | -5265.29 | 9366.90 | -3.28e-03 | -240.00 | 0.0 | -1560.81 | 675.42 | -132.43 | -1324.93 | 9366.90 | -4.191e+04 |
| | | -4.191e+04 | -1227.11 | 4.27e-04 | 0.0 | 80.0 | -1560.81 | 435.42 | -132.43 | -1324.93 | -1227.11 | -5265.29 |
| 41 | 345 | 4.038e+04 | 5.637e+04 | -0.03 | -240.00 | 0.0 | 1781.04 | 1882.76 | -767.21 | -1.065e+04 | 5.637e+04 | -6.666e+04 |
| | | -6.666e+04 | -5006.31 | -2.72e-03 | 0.0 | 80.0 | 1781.04 | 1642.76 | -767.21 | -1.065e+04 | -5006.31 | 4.038e+04 |
| 41 | 346 | 4.064e+04 | 5.605e+04 | -0.03 | -240.00 | 0.0 | 1730.05 | 1912.17 | -763.16 | -1.059e+04 | 5.605e+04 | -6.782e+04 |
| | | -6.782e+04 | -5006.31 | -2.70e-03 | 0.0 | 80.0 | 1730.05 | 1672.17 | -763.16 | -1.059e+04 | -5006.31 | 4.064e+04 |
| 41 | 399 | -3866.75 | 9225.63 | -3.45e-03 | -240.00 | 0.0 | -1348.20 | 647.63 | -130.71 | -1343.84 | 9225.63 | -3.834e+04 |
| | | -3.834e+04 | -1231.03 | 4.32e-04 | 0.0 | 80.0 | -1348.20 | 407.63 | -130.71 | -1343.84 | -1231.03 | -3866.75 |
| 41 | 402 | 1.806e+04 | 4.058e+04 | -0.02 | -240.00 | 0.0 | 1075.81 | 1252.28 | -555.77 | -7282.08 | 4.058e+04 | -5.185e+04 |
| | | -5.185e+04 | -3884.00 | -1.89e-03 | 0.0 | 80.0 | 1075.81 | 1012.28 | -555.77 | -7282.08 | -3884.00 | 1.806e+04 |
| 41 | 407 | -1.688e+04 | 6671.63 | 2.25e-04 | -240.00 | 0.0 | -1168.23 | 361.48 | -96.70 | -556.30 | 6671.63 | -3.494e+04 |
| | | -3.494e+04 | -1064.67 | 4.48e-04 | 0.0 | 80.0 | -1168.23 | 121.48 | -96.70 | -556.30 | -1064.67 | -1.688e+04 |
| 41 | 414 | -1.353e+04 | 6497.21 | 9.82e-04 | -240.00 | 0.0 | -1413.69 | 343.60 | -97.10 | -417.48 | 6497.21 | -3.122e+04 |
| | | -3.122e+04 | -1392.54 | 6.17e-04 | 0.0 | 80.0 | -1413.69 | 103.60 | -97.10 | -417.48 | -1392.54 | -1.353e+04 |
| 41 | 427 | -1.753e+04 | 9528.98 | 1.29e-03 | -240.00 | 0.0 | -1151.83 | 316.58 | -133.14 | -1174.49 | 9528.98 | -3.081e+04 |
| | | -3.081e+04 | -1118.79 | 9.01e-04 | 0.0 | 80.0 | -1151.83 | 76.58 | -133.14 | -1174.49 | -1118.79 | -1.753e+04 |
| 41 | 437 | -2.306e+04 | 8865.16 | -2.45e-03 | -240.00 | 0.0 | -819.25 | 395.40 | -125.30 | -854.08 | 8865.16 | -4.155e+04 |
| | | -4.155e+04 | -748.91 | -4.02e-04 | 0.0 | 80.0 | -819.25 | 155.40 | -125.30 | -854.08 | -748.91 | -2.306e+04 |
| 41 | 438 | -1.070e+04 | 4478.09 | 2.89e-03 | -240.00 | 0.0 | -1517.20 | 327.56 | -68.11 | -258.53 | 4478.09 | -2.832e+04 |
| | | -2.832e+04 | -1380.42 | 6.55e-04 | 0.0 | 80.0 | -1517.20 | 87.56 | -68.11 | -258.53 | -1380.42 | -1.070e+04 |
| 41 | 459 | -1.987e+04 | 8011.57 | -2.27e-03 | -240.00 | 0.0 | -990.09 | 377.56 | -113.82 | -744.33 | 8011.57 | -3.904e+04 |
| | | -3.904e+04 | -1289.19 | 4.75e-04 | 0.0 | 80.0 | -990.09 | 137.56 | -113.82 | -744.33 | -1289.19 | -1.987e+04 |
| 41 | 461 | -2.040e+04 | 7990.24 | -2.27e-03 | -240.00 | 0.0 | -942.89 | 380.79 | -113.49 | -760.79 | 7990.24 | -3.965e+04 |
| | | -3.965e+04 | -1211.52 | 4.72e-04 | 0.0 | 80.0 | -942.89 | 140.79 | -113.49 | -760.79 | -1211.52 | -2.040e+04 |
| 41 | 462 | -1.336e+04 | 5353.01 | 2.71e-03 | -240.00 | 0.0 | -1393.56 | 342.17 | -79.92 | -351.81 | 5353.01 | -3.022e+04 |
| | | -3.022e+04 | -917.82 | 4.25e-04 | 0.0 | 80.0 | -1393.56 | 102.17 | -79.92 | -351.81 | -917.82 | -1.336e+04 |
| 42 | 114 | -2.453e+04 | 1.860e+04 | -7.13e-03 | -480.00 | 0.0 | -1809.43 | 357.24 | -23.12 | -817.91 | 1.860e+04 | -4.271e+04 |
| | | -4.271e+04 | 1.490e+04 | -8.03e-03 | 0.0 | 160.0 | -1809.43 | -122.76 | -23.12 | -817.91 | 1.490e+04 | -2.826e+04 |
| 42 | 154 | -3.038e+04 | 2.169e+04 | -9.76e-03 | -480.00 | 0.0 | -1599.63 | 402.92 | -36.37 | -1262.95 | 2.169e+04 | -5.149e+04 |
| | | -5.149e+04 | 1.587e+04 | -9.06e-03 | 0.0 | 160.0 | -1599.63 | -77.08 | -36.37 | -1262.95 | 1.587e+04 | -3.294e+04 |
| 42 | 169 | -9.599e+04 | 7.254e+04 | -0.06 | -648.00 | 0.0 | -4829.31 | 1290.00 | -180.76 | -6951.72 | 7.254e+04 | -1.933e+05 |
| | | -1.933e+05 | 4.361e+04 | -0.03 | 0.0 | 160.0 | -4829.31 | 642.00 | -180.76 | -6951.72 | 4.361e+04 | -9.599e+04 |
| 42 | 171 | -9.808e+04 | 7.228e+04 | -0.06 | -648.00 | 0.0 | -5084.88 | 1312.20 | -176.84 | -6831.96 | 7.228e+04 | -1.975e+05 |
| | | -1.975e+05 | 4.398e+04 | -0.03 | 0.0 | 160.0 | -5084.88 | 664.20 | -176.84 | -6831.96 | 4.398e+04 | -9.808e+04 |
| 42 | 214 | -2.476e+04 | 1.881e+04 | -6.59e-03 | -480.00 | 0.0 | -1709.79 | 344.43 | -31.74 | -911.87 | 1.881e+04 | -4.206e+04 |
| | | -4.206e+04 | 1.374e+04 | -7.68e-03 | 0.0 | 160.0 | -1709.79 | -135.57 | -31.74 | -911.87 | 1.374e+04 | -2.889e+04 |
| 42 | 337 | -3.796e+04 | 1.973e+04 | -4.97e-03 | -480.00 | 0.0 | -1832.83 | 262.48 | -22.72 | -711.83 | 1.973e+04 | -4.931e+04 |
| | | -4.931e+04 | 1.609e+04 | -8.59e-03 | 0.0 | 160.0 | -1832.83 | -217.52 | -22.72 | -711.83 | 1.609e+04 | -4.593e+04 |
| 42 | 345 | -6.961e+04 | 5.373e+04 | -0.04 | -480.00 | 0.0 | -3536.02 | 967.19 | -133.78 | -5157.96 | 5.373e+04 | -1.428e+05 |
| | | -1.428e+05 | 3.232e+04 | -0.02 | 0.0 | 160.0 | -3536.02 | 487.19 | -133.78 | -5157.96 | 3.232e+04 | -6.961e+04 |
| 42 | 346 | -7.100e+04 | 5.355e+04 | -0.04 | -480.00 | 0.0 | -3706.41 | 981.99 | -131.16 | -5078.12 | 5.355e+04 | -1.456e+05 |
| | | -1.456e+05 | 3.257e+04 | -0.02 | 0.0 | 160.0 | -3706.41 | 501.99 | -131.16 | -5078.12 | 3.257e+04 | -7.100e+04 |
| 42 | 367 | -3.302e+04 | 1.759e+04 | -2.61e-03 | -480.00 | 0.0 | -1914.63 | 219.05 | -19.28 | -451.12 | 1.759e+04 | -4.231e+04 |
| | | -4.231e+04 | 1.451e+04 | -7.56e-03 | 0.0 | 160.0 | -1914.63 | -260.95 | -19.28 | -451.12 | 1.451e+04 | -4.293e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|-----------|-----------|---------|-------|----------|---------|--------|----------|------------|------------|
| 42 | 369 | -3.299e+04 | 1.756e+04 | -2.57e-03 | -480.00 | 0.0 | -1917.42 | 217.52 | -18.32 | -437.21 | 1.756e+04 | -4.208e+04 |
| | | -4.310e+04 | 1.463e+04 | -7.57e-03 | 0.0 | 160.0 | -1917.42 | -262.48 | -18.32 | -437.21 | 1.463e+04 | -4.310e+04 |
| 42 | 391 | -3.031e+04 | 1.534e+04 | 4.37e-03 | -480.00 | 0.0 | -1482.43 | 145.38 | 5.74 | 414.42 | 1.442e+04 | -3.576e+04 |
| | | -4.524e+04 | 1.442e+04 | -7.00e-03 | 0.0 | 160.0 | -1482.43 | -334.62 | 5.74 | 414.42 | 1.534e+04 | -4.524e+04 |
| 42 | 392 | -3.031e+04 | 1.533e+04 | 4.37e-03 | -480.00 | 0.0 | -1482.93 | 144.92 | 5.69 | 413.15 | 1.442e+04 | -3.574e+04 |
| | | -4.526e+04 | 1.442e+04 | -7.00e-03 | 0.0 | 160.0 | -1482.93 | -335.08 | 5.69 | 413.15 | 1.533e+04 | -4.526e+04 |
| 42 | 393 | -3.054e+04 | 1.498e+04 | 4.26e-03 | -480.00 | 0.0 | -1474.57 | 149.52 | 2.83 | 371.41 | 1.452e+04 | -3.642e+04 |
| | | -4.474e+04 | 1.452e+04 | -6.97e-03 | 0.0 | 160.0 | -1474.57 | -330.48 | 2.83 | 371.41 | 1.498e+04 | -4.474e+04 |
| 42 | 402 | -6.351e+04 | 4.127e+04 | -0.02 | -480.00 | 0.0 | -2710.80 | 674.95 | -80.22 | -3023.30 | 4.127e+04 | -1.067e+05 |
| | | -1.067e+05 | 2.843e+04 | -0.02 | 0.0 | 160.0 | -2710.80 | 194.95 | -80.22 | -3023.30 | 2.843e+04 | -6.351e+04 |
| 42 | 407 | -3.031e+04 | 1.534e+04 | 4.37e-03 | -480.00 | 0.0 | -1482.43 | 145.38 | 5.74 | 414.42 | 1.442e+04 | -3.576e+04 |
| | | -4.524e+04 | 1.442e+04 | -7.00e-03 | 0.0 | 160.0 | -1482.43 | -334.62 | 5.74 | 414.42 | 1.534e+04 | -4.524e+04 |
| 42 | 424 | -3.023e+04 | 1.773e+04 | 1.77e-03 | -480.00 | 0.0 | -1559.15 | 139.72 | 35.64 | 989.36 | 1.202e+04 | -3.468e+04 |
| | | -4.682e+04 | 1.202e+04 | -7.72e-03 | 0.0 | 160.0 | -1559.15 | -340.28 | 35.64 | 989.36 | 1.773e+04 | -4.682e+04 |
| 42 | 433 | -3.523e+04 | 1.605e+04 | 3.28e-03 | -480.00 | 0.0 | -1254.03 | 167.17 | -14.77 | 156.89 | 1.605e+04 | -3.970e+04 |
| | | -5.178e+04 | 1.369e+04 | -7.40e-03 | 0.0 | 160.0 | -1254.03 | -312.83 | -14.77 | 156.89 | 1.369e+04 | -5.178e+04 |
| 42 | 434 | -2.537e+04 | 1.698e+04 | 5.46e-03 | -480.00 | 0.0 | -1710.83 | 123.59 | 26.26 | 671.95 | 1.278e+04 | -3.181e+04 |
| | | -3.869e+04 | 1.278e+04 | -6.61e-03 | 0.0 | 160.0 | -1710.83 | -356.41 | 26.26 | 671.95 | 1.698e+04 | -3.869e+04 |
| 42 | 438 | -2.537e+04 | 1.713e+04 | 5.48e-03 | -480.00 | 0.0 | -1709.91 | 123.34 | 28.17 | 672.24 | 1.263e+04 | -3.181e+04 |
| | | -3.869e+04 | 1.263e+04 | -6.65e-03 | 0.0 | 160.0 | -1709.91 | -356.66 | 28.17 | 672.24 | 1.713e+04 | -3.869e+04 |
| 42 | 456 | -2.775e+04 | 1.649e+04 | 4.49e-03 | -480.00 | 0.0 | -1601.53 | 136.05 | 20.18 | 631.42 | 1.326e+04 | -3.367e+04 |
| | | -4.187e+04 | 1.326e+04 | -6.97e-03 | 0.0 | 160.0 | -1601.53 | -343.95 | 20.18 | 631.42 | 1.649e+04 | -4.187e+04 |
| 42 | 457 | -3.362e+04 | 1.547e+04 | 4.34e-03 | -480.00 | 0.0 | -1329.49 | 156.55 | -7.41 | 211.49 | 1.547e+04 | -3.858e+04 |
| | | -4.935e+04 | 1.429e+04 | -7.06e-03 | 0.0 | 160.0 | -1329.49 | -323.45 | -7.41 | 211.49 | 1.429e+04 | -4.935e+04 |
| 42 | 458 | -2.701e+04 | 1.639e+04 | 4.40e-03 | -480.00 | 0.0 | -1635.38 | 134.21 | 18.89 | 617.36 | 1.337e+04 | -3.293e+04 |
| | | -4.113e+04 | 1.337e+04 | -6.95e-03 | 0.0 | 160.0 | -1635.38 | -345.79 | 18.89 | 617.36 | 1.639e+04 | -4.113e+04 |
| 42 | 462 | -2.701e+04 | 1.646e+04 | 4.41e-03 | -480.00 | 0.0 | -1634.91 | 134.08 | 19.85 | 617.54 | 1.329e+04 | -3.293e+04 |
| | | -4.113e+04 | 1.329e+04 | -6.97e-03 | 0.0 | 160.0 | -1634.91 | -345.92 | 19.85 | 617.54 | 1.646e+04 | -4.113e+04 |
| 43 | 154 | -2.782e+04 | 1.401e+04 | -7.72e-03 | -480.00 | 0.0 | -1643.86 | 377.71 | 29.54 | 933.59 | 1.373e+04 | -4.709e+04 |
| | | -4.709e+04 | 1.873e+04 | 7.86e-03 | 0.0 | 160.0 | -1643.86 | -102.29 | 29.54 | 933.59 | 1.401e+04 | -3.106e+04 |
| 43 | 174 | -2.392e+04 | 1.375e+04 | -6.86e-03 | -480.00 | 0.0 | -1760.42 | 344.97 | 32.22 | 932.40 | 1.890e+04 | -4.130e+04 |
| | | -4.130e+04 | 1.890e+04 | 7.71e-03 | 0.0 | 160.0 | -1760.42 | -135.03 | 32.22 | 932.40 | 1.375e+04 | -2.802e+04 |
| 43 | 211 | -1.247e+05 | 3.243e+04 | -0.06 | -648.00 | 0.0 | -5903.39 | 1229.09 | 133.85 | 5336.04 | -5.385e+04 | -1.247e+05 |
| | | -2.085e+05 | 5.385e+04 | 0.02 | 0.0 | 160.0 | -5903.39 | 581.09 | 133.85 | 5336.04 | -3.243e+04 | -1.247e+05 |
| 43 | 229 | -7.453e+04 | 4.159e+04 | -0.05 | -648.00 | 0.0 | -3733.62 | 1000.15 | 156.75 | 6415.00 | -6.667e+04 | -1.443e+05 |
| | | -1.443e+05 | 6.667e+04 | 0.03 | 0.0 | 160.0 | -3733.62 | 352.15 | 156.75 | 6415.00 | -4.159e+04 | -7.453e+04 |
| 43 | 258 | -2.358e+04 | 1.508e+04 | -7.30e-03 | -480.00 | 0.0 | -1870.97 | 353.05 | 22.27 | 817.60 | 1.865e+04 | -4.129e+04 |
| | | -4.129e+04 | 1.865e+04 | 8.06e-03 | 0.0 | 160.0 | -1870.97 | -126.95 | 22.27 | 817.60 | 1.508e+04 | -2.753e+04 |
| 43 | 337 | -3.572e+04 | 1.471e+04 | -3.44e-03 | -480.00 | 0.0 | -1864.56 | 243.63 | 17.63 | 466.86 | 1.753e+04 | -4.606e+04 |
| | | -4.606e+04 | 1.753e+04 | 7.69e-03 | 0.0 | 160.0 | -1864.56 | -236.37 | 17.63 | 466.86 | 1.471e+04 | -4.457e+04 |
| 43 | 347 | -3.244e+04 | 1.452e+04 | -2.80e-03 | -480.00 | 0.0 | -1951.11 | 219.31 | 19.62 | 465.97 | 1.766e+04 | -4.176e+04 |
| | | -4.231e+04 | 1.766e+04 | 7.58e-03 | 0.0 | 160.0 | -1951.11 | -260.69 | 19.62 | 465.97 | 1.452e+04 | -4.231e+04 |
| 43 | 366 | -9.073e+04 | 2.401e+04 | -0.04 | -480.00 | 0.0 | -4311.10 | 920.38 | 99.30 | 3969.49 | -3.990e+04 | -1.538e+05 |
| | | -1.538e+05 | 3.990e+04 | 0.02 | 0.0 | 160.0 | -4311.10 | 440.38 | 99.30 | 3969.49 | -2.401e+04 | -9.073e+04 |
| 43 | 375 | -5.375e+04 | 3.082e+04 | -0.04 | -480.00 | 0.0 | -2722.73 | 752.43 | 115.96 | 4759.62 | -4.938e+04 | -1.066e+05 |
| | | -1.066e+05 | 4.938e+04 | 0.02 | 0.0 | 160.0 | -2722.73 | 272.43 | 115.96 | 4759.62 | -3.082e+04 | -5.375e+04 |
| 43 | 389 | -3.226e+04 | 1.550e+04 | -3.13e-03 | -480.00 | 0.0 | -2032.55 | 225.47 | 12.34 | 382.27 | 1.747e+04 | -4.178e+04 |
| | | -4.194e+04 | 1.747e+04 | 7.84e-03 | 0.0 | 160.0 | -2032.55 | -254.53 | 12.34 | 382.27 | 1.550e+04 | -4.194e+04 |
| 43 | 391 | -3.028e+04 | 1.443e+04 | 4.35e-03 | -480.00 | 0.0 | -1484.72 | 145.11 | -5.67 | -412.37 | 1.443e+04 | -3.571e+04 |
| | | -4.522e+04 | 1.533e+04 | 7.00e-03 | 0.0 | 160.0 | -1484.72 | -334.89 | -5.67 | -412.37 | 1.443e+04 | -3.571e+04 |
| 43 | 392 | -3.001e+04 | 1.444e+04 | 4.32e-03 | -480.00 | 0.0 | -1498.04 | 144.82 | -5.65 | -410.83 | 1.444e+04 | -3.544e+04 |
| | | -4.496e+04 | 1.534e+04 | 7.01e-03 | 0.0 | 160.0 | -1498.04 | -335.18 | -5.65 | -410.83 | 1.534e+04 | -4.496e+04 |
| 43 | 393 | -3.051e+04 | 1.455e+04 | 4.21e-03 | -480.00 | 0.0 | -1478.14 | 149.50 | -2.53 | -364.02 | 1.455e+04 | -3.639e+04 |
| | | -4.471e+04 | 1.495e+04 | 6.97e-03 | 0.0 | 160.0 | -1478.14 | -330.50 | -2.53 | -364.02 | 1.495e+04 | -4.471e+04 |
| 43 | 404 | -7.843e+04 | 2.201e+04 | -0.02 | -480.00 | 0.0 | -3154.48 | 628.50 | 56.27 | 2189.81 | -3.102e+04 | -1.130e+05 |
| | | -1.130e+05 | 3.102e+04 | 0.01 | 0.0 | 160.0 | -3154.48 | 148.50 | 56.27 | 2189.81 | -2.201e+04 | -7.852e+04 |
| 43 | 405 | -5.112e+04 | 2.731e+04 | -0.02 | -480.00 | 0.0 | -2090.61 | 513.56 | 66.74 | 2720.95 | -3.799e+04 | -5.182e+04 |
| | | -7.972e+04 | 3.799e+04 | 0.02 | 0.0 | 160.0 | -2090.61 | 33.56 | 66.74 | 2720.95 | -2.731e+04 | -7.972e+04 |
| 43 | 407 | -3.028e+04 | 1.443e+04 | 4.35e-03 | -480.00 | 0.0 | -1484.72 | 145.11 | -5.67 | -412.37 | 1.443e+04 | -3.571e+04 |
| | | -4.522e+04 | 1.533e+04 | 7.00e-03 | 0.0 | 160.0 | -1484.72 | -334.89 | -5.67 | -412.37 | 1.533e+04 | -4.522e+04 |
| 43 | 418 | -2.005e+04 | 1.329e+04 | 6.36e-03 | -480.00 | 0.0 | -1732.39 | 109.38 | -19.89 | -618.30 | 1.329e+04 | -2.705e+04 |
| | | -3.266e+04 | 1.647e+04 | 6.73e-03 | 0.0 | 160.0 | -1732.39 | -370.62 | -19.89 | -618.30 | 1.647e+04 | -3.266e+04 |
| 43 | 426 | -2.099e+04 | -9944.28 | 0.01 | -480.00 | 0.0 | -1151.74 | 75.22 | -61.70 | -1401.22 | -9944.28 | -2.919e+04 |
| | | -3.205e+04 | 1.982e+04 | 6.32e-03 | 0.0 | 160.0 | -1151.74 | -404.78 | -61.70 | -1401.22 | 1.982e+04 | -3.205e+04 |
| 43 | 428 | -2.595e+04 | -9974.80 | 0.01 | -480.00 | 0.0 | -923.77 | 84.79 | -61.36 | -1461.17 | -9974.80 | -3.361e+04 |
| | | -3.770e+04 | 1.979e+04 | 6.32e-03 | 0.0 | 160.0 | -923.77 | -395.21 | -61.36 | -1461.17 | 1.979e+04 | -3.770e+04 |
| 43 | 429 | -3.904e+04 | 1.098e+04 | -5.20e-03 | -480.00 | 0.0 | -1816.70 | 215.14 | 48.66 | 576.58 | 1.877e+04 | -4.224e+04 |
| | | -5.840e+04 | 1.877e+04 | 7.72e-03 | 0.0 | 160.0 | -1816.70 | -264.86 | 48.66 | 576.58 | 1.098e+04 | -5.840e+04 |
| 43 | 431 | -3.423e+04 | 1.087e+04 | -5.77e-03 | -480.00 | 0.0 | -2045.67 | 205.44 | 50.03 | 636.42 | 1.888e+04 | -3.781e+04 |
| | | -5.273e+04 | 1.888e+04 | 7.69e-03 | 0.0 | 160.0 | -2045.67 | -274.56 | 50.03 | 636.42 | 1.087e+04 | -5.273e+04 |
| 43 | 449 | -3.484e+04 | 1.476e+04 | 4.63e-03 | -480.00 | 0.0 | -1269.97 | 155.58 | -1.49 | -402.86 | 1.476e+04 | -3.983e+04 |
| | | -5.053e+04 | 1.500e+04 | 7.10e-03 | 0.0 | 160.0 | -1269.97 | -324.42 | -1.49 | -402.86 | 1.500e+04 | -5.053e+04 |
| 43 | 450 | -2.572e+04 | 1.409e+04 | 4.08e-03 | -480.00 | 0.0 | -1699.47 | 134.65 | -9.84 | -421.89 | 1.409e+04 | -3.160e+04 |
| | | -3.991e+04 | 1.567e+04 | 6.91e-03 | 0.0 | 160.0 | -1699.47 | -345.35 | -9.84 | -421.89 | 1.567e+04 | -3.991e+04 |
| 43 | 458 | -2.770e+04 | 1.296e+04 | 4.90e-03 | -480.00 | 0.0 | -1619.59 | 134.96 | -23.91 | -597.77 | 1.296e+04 | -3.344e+04 |
| | | -4.214e+04 | 1.679e+04 | 6.80e-03 | 0.0 | 160.0 | -1619.59 | -345.04 | -23.91 | -597.77 | 1.679e+04 | -4.214e+04 |
| 44 | 11 | -8115.78 | 1658.23 | -4.59e-03 | -324.00 | 0.0 | -2301.43 | 921.02 | 183.87 | 1844.75 | -1.305e+04 | -5.822e+04 |

| | | | | | | | | | | | | |
|----|-----|------------|------------|-----------|---------|-------|----------|---------|--------|-----------|------------|------------|
| | | -5.822e+04 | -1.305e+04 | -5.96e-04 | 0.0 | 80.0 | -2301.43 | 597.02 | 183.87 | 1844.75 | 1658.23 | -8115.78 |
| 44 | 210 | 2.577e+05 | 2940.64 | -0.04 | -240.00 | 0.0 | 3711.20 | 6643.74 | 565.16 | 8190.77 | -4.227e+04 | -1.475e+05 |
| | | -1.475e+05 | -4.227e+04 | 2.09e-03 | 0.0 | 80.0 | 3711.20 | 6403.74 | 565.16 | 8190.77 | 2940.64 | 2.577e+05 |
| 44 | 211 | 2.396e+05 | 3317.09 | -0.04 | -324.00 | 0.0 | 2458.87 | 6813.11 | 592.47 | 8280.93 | -4.408e+04 | -1.745e+05 |
| | | -1.745e+05 | -4.408e+04 | 2.11e-03 | 0.0 | 80.0 | 2458.87 | 6489.11 | 592.47 | 8280.93 | 3317.09 | 2.396e+05 |
| 44 | 212 | 2.581e+05 | 2940.64 | -0.04 | -240.00 | 0.0 | 3635.21 | 6687.57 | 558.82 | 8093.23 | -4.177e+04 | -1.493e+05 |
| | | -1.493e+05 | -4.177e+04 | 2.05e-03 | 0.0 | 80.0 | 3635.21 | 6447.57 | 558.82 | 8093.23 | 2940.64 | 2.581e+05 |
| 44 | 229 | 9129.74 | 4977.76 | -0.03 | -324.00 | 0.0 | -201.84 | 1933.60 | 724.02 | 1.023e+04 | -5.294e+04 | -9.654e+04 |
| | | -9.654e+04 | -5.294e+04 | 2.55e-03 | 0.0 | 80.0 | -201.84 | 1609.60 | 724.02 | 1.023e+04 | 4977.76 | 9129.74 |
| 44 | 261 | 1.078e+04 | 1468.21 | -9.57e-03 | -240.00 | 0.0 | -1636.49 | 1096.37 | 202.76 | 2754.54 | -1.475e+04 | -4.999e+04 |
| | | -4.999e+04 | -1.475e+04 | 6.48e-04 | 0.0 | 80.0 | -1636.49 | 856.37 | 202.76 | 2754.54 | 1468.21 | 1.078e+04 |
| 44 | 365 | 1.785e+05 | 2456.98 | -0.03 | -240.00 | 0.0 | 1961.59 | 5015.58 | 442.68 | 6198.62 | -3.296e+04 | -1.266e+05 |
| | | -1.266e+05 | -3.296e+04 | 1.58e-03 | 0.0 | 80.0 | 1961.59 | 4775.58 | 442.68 | 6198.62 | 2456.98 | 1.785e+05 |
| 44 | 366 | 1.787e+05 | 2456.98 | -0.03 | -240.00 | 0.0 | 1910.93 | 5044.80 | 438.46 | 6133.60 | -3.262e+04 | -1.277e+05 |
| | | -1.277e+05 | -3.262e+04 | 1.56e-03 | 0.0 | 80.0 | 1910.93 | 4804.80 | 438.46 | 6133.60 | 2456.98 | 1.787e+05 |
| 44 | 375 | 8056.45 | 3687.11 | -0.02 | -240.00 | 0.0 | -65.60 | 1433.60 | 535.44 | 7571.24 | -3.915e+04 | -7.015e+04 |
| | | -7.015e+04 | -3.915e+04 | 1.88e-03 | 0.0 | 80.0 | -65.60 | 1193.60 | 535.44 | 7571.24 | 3687.11 | 8056.45 |
| 44 | 394 | -3547.86 | 1232.28 | -3.59e-03 | -240.00 | 0.0 | -1380.57 | 651.05 | 133.98 | 1383.55 | -9486.22 | -3.819e+04 |
| | | -3.819e+04 | -9486.22 | -4.45e-04 | 0.0 | 80.0 | -1380.57 | 411.05 | 133.98 | 1383.55 | 1232.28 | -3547.86 |
| 44 | 404 | 1.214e+05 | 1971.99 | -0.02 | -240.00 | 0.0 | 1220.73 | 3601.57 | 312.12 | 3940.33 | -2.300e+04 | -9.699e+04 |
| | | -9.699e+04 | -2.300e+04 | 1.03e-03 | 0.0 | 80.0 | 1220.73 | 3361.57 | 312.12 | 3940.33 | 1971.99 | 1.214e+05 |
| 44 | 405 | -6399.48 | 2894.59 | -0.01 | -240.00 | 0.0 | -299.66 | 915.08 | 381.68 | 4969.79 | -2.764e+04 | -5.466e+04 |
| | | -5.466e+04 | -2.764e+04 | 1.25e-03 | 0.0 | 80.0 | -299.66 | 675.08 | 381.68 | 4969.79 | 2894.59 | -6399.48 |
| 44 | 407 | -1.685e+04 | 1064.85 | 2.21e-04 | -240.00 | 0.0 | -1171.64 | 361.57 | 96.80 | 557.36 | -6678.93 | -3.491e+04 |
| | | -3.491e+04 | -6678.93 | -4.49e-04 | 0.0 | 80.0 | -1171.64 | 121.57 | 96.80 | 557.36 | 1064.85 | -1.685e+04 |
| 44 | 409 | -1.527e+04 | 2027.89 | -2.97e-03 | -240.00 | 0.0 | -1102.08 | 430.51 | 137.22 | 677.81 | -9017.95 | -4.753e+04 |
| | | -4.753e+04 | -9017.95 | -4.48e-04 | 0.0 | 80.0 | -1102.08 | 190.51 | 137.22 | 677.81 | 2027.89 | -1.527e+04 |
| 44 | 428 | -1.967e+04 | 1064.25 | 0.01 | -240.00 | 0.0 | -73.87 | 208.10 | 23.99 | -565.67 | -1204.40 | -1.967e+04 |
| | | -4.235e+04 | -1204.40 | -6.93e-04 | 0.0 | 80.0 | -73.87 | -31.90 | 23.99 | -565.67 | 1064.25 | -1.967e+04 |
| 44 | 429 | 5252.71 | 1595.41 | -0.01 | -240.00 | 0.0 | -2042.30 | 498.61 | 155.33 | 1561.16 | -1.154e+04 | -5.467e+04 |
| | | -5.467e+04 | -1.154e+04 | 5.48e-04 | 0.0 | 80.0 | -2042.30 | 258.61 | 155.33 | 1561.16 | 1595.41 | 5252.71 |
| 44 | 431 | 8642.94 | 1065.45 | -0.01 | -240.00 | 0.0 | -2269.41 | 515.03 | 169.61 | 1680.38 | -1.215e+04 | -5.016e+04 |
| | | -5.016e+04 | -1.215e+04 | 5.96e-04 | 0.0 | 80.0 | -2269.41 | 275.03 | 169.61 | 1680.38 | 1065.45 | 8642.94 |
| 44 | 441 | -2.029e+04 | 1531.09 | -1.38e-04 | -240.00 | 0.0 | -1033.16 | 377.59 | 113.74 | 515.32 | -7589.93 | -3.928e+04 |
| | | -3.928e+04 | -7589.93 | -4.24e-04 | 0.0 | 80.0 | -1033.16 | 137.59 | 113.74 | 515.32 | 1531.09 | -2.029e+04 |
| 44 | 448 | -1.914e+04 | 1494.99 | 6.55e-04 | -240.00 | 0.0 | -938.40 | 344.56 | 78.36 | 398.53 | -5651.15 | -3.813e+04 |
| | | -3.813e+04 | -5651.15 | -4.81e-04 | 0.0 | 80.0 | -938.40 | 104.56 | 78.36 | 398.53 | 1494.99 | -1.914e+04 |
| 44 | 450 | -1.338e+04 | 598.67 | 5.87e-04 | -240.00 | 0.0 | -1316.91 | 372.28 | 102.44 | 599.55 | -6690.17 | -3.047e+04 |
| | | -3.047e+04 | -6690.17 | -5.48e-04 | 0.0 | 80.0 | -1316.91 | 132.28 | 102.44 | 599.55 | 598.67 | -1.338e+04 |
| 44 | 451 | -1.457e+04 | 634.71 | -2.21e-04 | -240.00 | 0.0 | -1404.88 | 378.58 | 115.24 | 716.18 | -7706.70 | -3.169e+04 |
| | | -3.169e+04 | -7706.70 | -4.18e-04 | 0.0 | 80.0 | -1404.88 | 138.58 | 115.24 | 716.18 | 634.71 | -1.457e+04 |
| 44 | 453 | -2.029e+04 | 1529.70 | 9.55e-05 | -240.00 | 0.0 | -947.71 | 350.61 | 88.58 | 502.38 | -6464.70 | -3.939e+04 |
| | | -3.939e+04 | -6464.70 | -3.73e-04 | 0.0 | 80.0 | -947.71 | 110.61 | 88.58 | 502.38 | 1529.70 | -2.029e+04 |
| 44 | 463 | -1.798e+04 | 990.47 | -1.14e-03 | -240.00 | 0.0 | -1375.03 | 376.22 | 121.74 | 781.89 | -8529.00 | -3.580e+04 |
| | | -3.580e+04 | -8529.00 | 3.69e-04 | 0.0 | 80.0 | -1375.03 | 136.22 | 121.74 | 781.89 | 990.47 | -1.798e+04 |
| 45 | 26 | -2.216e+04 | -1.648e+04 | -0.01 | -480.00 | 0.0 | -1106.90 | 145.11 | 31.81 | 1406.67 | -2.157e+04 | -2.709e+04 |
| | | -3.793e+04 | -2.157e+04 | 9.12e-03 | 0.0 | 160.0 | -1106.90 | -334.89 | 31.81 | 1406.67 | -1.648e+04 | -3.793e+04 |
| 45 | 172 | -243.60 | -2.120e+04 | -0.02 | -480.00 | 0.0 | -383.60 | 30.23 | 57.91 | 2502.35 | -3.047e+04 | -1.371.44 |
| | | -2.656e+04 | -3.047e+04 | 0.01 | 0.0 | 160.0 | -383.60 | -449.77 | 57.91 | 2502.35 | -2.120e+04 | -2.656e+04 |
| 45 | 201 | -8.914e+04 | -3.917e+04 | -0.04 | -648.00 | 0.0 | -1713.12 | 384.68 | 85.02 | 3906.29 | -5.277e+04 | -1.060e+05 |
| | | -1.060e+05 | -5.277e+04 | 0.02 | 0.0 | 160.0 | -1713.12 | -263.32 | 85.02 | 3906.29 | -3.917e+04 | -9.870e+04 |
| 45 | 229 | -4.991e+04 | -5.735e+04 | -0.06 | -648.00 | 0.0 | -58.53 | 218.81 | 142.03 | 6810.02 | -8.008e+04 | -5.711e+04 |
| | | -7.031e+04 | -8.008e+04 | 0.03 | 0.0 | 160.0 | -58.53 | -429.19 | 142.03 | 6810.02 | -5.735e+04 | -7.031e+04 |
| 45 | 232 | -2.308e+04 | -5.267e+04 | -0.06 | -480.00 | 0.0 | 1439.82 | 8.61 | 132.57 | 6375.39 | -7.388e+04 | -2.398e+04 |
| | | -5.050e+04 | -7.388e+04 | 0.03 | 0.0 | 160.0 | 1439.82 | -471.39 | 132.57 | 6375.39 | -5.267e+04 | -5.050e+04 |
| 45 | 241 | -4.340e+04 | -2.617e+04 | -0.01 | -648.00 | 0.0 | -2812.47 | 343.12 | 26.62 | 1473.08 | -3.043e+04 | -5.652e+04 |
| | | -5.652e+04 | -3.043e+04 | 0.01 | 0.0 | 160.0 | -2812.47 | -304.88 | 26.62 | 1473.08 | -2.617e+04 | -5.619e+04 |
| 45 | 263 | -3.084e+04 | -1.906e+04 | -0.01 | -480.00 | 0.0 | -2014.55 | 257.14 | 19.56 | 1075.82 | -2.219e+04 | -4.061e+04 |
| | | -4.061e+04 | -2.219e+04 | 9.81e-03 | 0.0 | 160.0 | -2014.55 | -222.86 | 19.56 | 1075.82 | -1.906e+04 | -4.028e+04 |
| 45 | 273 | -3.046e+04 | -1.592e+04 | -0.01 | -480.00 | 0.0 | -1684.38 | 269.02 | 26.55 | 1240.45 | -2.017e+04 | -4.118e+04 |
| | | -4.118e+04 | -2.017e+04 | 8.61e-03 | 0.0 | 160.0 | -1684.38 | -210.98 | 26.55 | 1240.45 | -1.592e+04 | -3.894e+04 |
| 45 | 361 | -6.449e+04 | -2.880e+04 | -0.03 | -480.00 | 0.0 | -1160.13 | 277.94 | 62.19 | 2866.95 | -3.875e+04 | -7.654e+04 |
| | | -7.654e+04 | -3.875e+04 | 0.02 | 0.0 | 160.0 | -1160.13 | -202.06 | 62.19 | 2866.95 | -2.880e+04 | -7.192e+04 |
| 45 | 375 | -3.570e+04 | -4.252e+04 | -0.04 | -480.00 | 0.0 | 45.13 | 151.12 | 104.32 | 5016.37 | -5.921e+04 | -4.057e+04 |
| | | -5.159e+04 | -5.921e+04 | 0.02 | 0.0 | 160.0 | 45.13 | -328.88 | 104.32 | 5016.37 | -4.252e+04 | -5.159e+04 |
| 45 | 376 | -3.377e+04 | -4.270e+04 | -0.04 | -480.00 | 0.0 | 174.68 | 165.82 | 101.62 | 4934.42 | -5.896e+04 | -3.918e+04 |
| | | -4.877e+04 | -5.896e+04 | 0.02 | 0.0 | 160.0 | 174.68 | -314.18 | 101.62 | 4934.42 | -4.270e+04 | -4.877e+04 |
| 45 | 386 | -1.625e+04 | -1.977e+04 | -0.02 | -480.00 | 0.0 | -1205.52 | 208.55 | 36.35 | 1928.67 | -2.559e+04 | -2.304e+04 |
| | | -2.911e+04 | -2.559e+04 | 0.01 | 0.0 | 160.0 | -1205.52 | -271.45 | 36.35 | 1928.67 | -1.977e+04 | -2.911e+04 |
| 45 | 392 | -3.001e+04 | -1.444e+04 | -4.32e-03 | -480.00 | 0.0 | -1747.75 | 335.16 | 5.65 | 410.80 | -1.535e+04 | -4.496e+04 |
| | | -4.496e+04 | -1.535e+04 | 7.02e-03 | 0.0 | 160.0 | -1747.75 | -144.84 | 5.65 | 410.80 | -1.444e+04 | -4.323e+04 |
| 45 | 393 | -3.005e+04 | -1.431e+04 | -4.50e-03 | -480.00 | 0.0 | -1731.66 | 339.25 | 8.81 | 460.70 | -1.572e+04 | -4.572e+04 |
| | | -4.572e+04 | -1.572e+04 | 7.10e-03 | 0.0 | 160.0 | -1731.66 | -140.75 | 8.81 | 460.70 | -1.431e+04 | -3.504e+04 |
| 45 | 404 | -5.722e+04 | -2.653e+04 | -0.03 | -480.00 | 0.0 | -800.07 | 314.16 | 57.37 | 2738.80 | -3.571e+04 | -7.120e+04 |
| | | -7.120e+04 | -3.571e+04 | 0.01 | 0.0 | 160.0 | -800.07 | -165.84 | 57.37 | 2738.80 | -2.653e+04 | -6.323e+04 |
| 45 | 405 | -3.688e+04 | -3.408e+04 | -0.03 | -480.00 | 0.0 | -581.27 | 251.24 | 62.96 | 3186.27 | -4.415e+04 | -4.655e+04 |
| | | -4.655e+04 | -4.415e+04 | 0.02 | 0.0 | 160.0 | -581.27 | -228.76 | 62.96 | 3186.27 | -3.408e+04 | -4.641e+04 |

| | | | | | | | | | | |
|----|-----|----------------------|-----------|-----------|---------|----------|----------|----------|--------------------|------------|
| 61 | 427 | -654.65-2.594e+04 | 1.05e-03 | -480.00 | 0.0 | -326.46 | -89.79 | -45.24 | -130.49-2.594e+04 | -654.65 |
| | | -4.590e+04-3.317e+04 | 0.02 | 0.0 | 160.0 | -326.46 | -569.79 | -45.24 | -130.49-3.317e+04 | -4.590e+04 |
| 61 | 429 | -758.92-2.582e+04 | 1.06e-03 | -480.00 | 0.0 | -326.75 | -89.85 | -44.51 | -95.45-2.582e+04 | -758.92 |
| | | -4.653e+04-3.289e+04 | 0.02 | 0.0 | 160.0 | -326.75 | -569.85 | -44.51 | -95.45-3.289e+04 | -4.653e+04 |
| 61 | 432 | -1.038e+04-2.788e+04 | -7.45e-04 | -480.00 | 0.0 | -662.77 | 10.70 | 7.28 | -1284.53-2.903e+04 | -1.107e+04 |
| | | -3.916e+04-2.903e+04 | 0.01 | 0.0 | 160.0 | -662.77 | -469.30 | 7.28 | -1284.53-2.788e+04 | -3.916e+04 |
| 61 | 435 | -1870.78-2.633e+04 | 6.07e-04 | -480.00 | 0.0 | -319.68 | -73.65 | -39.35 | -379.00-2.633e+04 | -1870.78 |
| | | -4.497e+04-3.261e+04 | 0.01 | 0.0 | 160.0 | -319.68 | -553.65 | -39.35 | -379.00-3.261e+04 | -4.497e+04 |
| 61 | 456 | -8692.03-2.847e+04 | -5.51e-04 | -480.00 | 0.0 | -593.81 | -2.72 | -2.57 | -1149.87-2.847e+04 | -9078.49 |
| | | -3.959e+04-2.889e+04 | 0.01 | 0.0 | 160.0 | -593.81 | -482.72 | -2.57 | -1149.87-2.889e+04 | -3.959e+04 |
| 61 | 459 | -3864.23-2.688e+04 | 4.58e-04 | -480.00 | 0.0 | -388.63 | -60.23 | -29.51 | -513.66-2.688e+04 | -3864.23 |
| | | -4.454e+04-3.160e+04 | 0.01 | 0.0 | 160.0 | -388.63 | -540.23 | -29.51 | -513.66-3.160e+04 | -4.454e+04 |
| 61 | 461 | -3915.86-2.683e+04 | 4.61e-04 | -480.00 | 0.0 | -388.78 | -60.26 | -29.15 | -495.90-2.683e+04 | -3915.86 |
| | | -4.486e+04-3.146e+04 | 0.01 | 0.0 | 160.0 | -388.78 | -540.26 | -29.15 | -495.90-3.146e+04 | -4.486e+04 |
| 62 | 53 | 3248.77 | -1910.65 | -3.27e-04 | -324.00 | 0.0 | -235.17 | 519.52 | 8.76 | -7560.61 |
| | | -6626.31 | -2611.20 | -3.02e-03 | 0.0 | 80.0 | -235.17 | 195.52 | 8.76 | -7560.61 |
| 62 | 170 | 4.012e+04 | 2.296e+04 | -6.29e-04 | -240.00 | 0.0 | 1381.33 | -419.22 | -330.66-1.933e+04 | 2.296e+04 |
| | | -8223.50 | -3496.27 | -3.31e-03 | 0.0 | 80.0 | 1381.33 | -659.22 | -330.66-1.933e+04 | -8223.50 |
| 62 | 183 | 1.760e+05 | 6986.86 | -4.84e-03 | -324.00 | 0.0 | 1566.75 | 5008.31 | 159.75 | -4086.09 |
| | | -1.113e+05 | -5793.03 | -2.79e-03 | 0.0 | 80.0 | 1566.75 | 4684.31 | 159.75 | -4086.09 |
| 62 | 191 | 2.325e+05 | 1.001e+04 | -6.42e-03 | -324.00 | 0.0 | 2639.29 | 6179.13 | 156.71 | -5760.11 |
| | | -1.307e+05 | -2527.10 | -2.81e-03 | 0.0 | 80.0 | 2639.29 | 5855.13 | 156.71 | -5760.11 |
| 62 | 192 | 2.330e+05 | 1.046e+04 | -6.35e-03 | -240.00 | 0.0 | 2780.97 | 6008.05 | 147.76 | -4557.05 |
| | | -1.246e+05 | -1364.53 | -2.24e-03 | 0.0 | 80.0 | 2780.97 | 5768.05 | 147.76 | -4557.05 |
| 62 | 287 | 2358.84 | -1413.07 | -2.52e-04 | -240.00 | 0.0 | -156.12 | 386.15 | 7.03 | -5592.75 |
| | | -5404.49 | -1975.81 | -2.24e-03 | 0.0 | 80.0 | -156.12 | 146.15 | 7.03 | -5592.75 |
| 62 | 345 | 2.482e+04 | 1.612e+04 | -5.23e-04 | -240.00 | 0.0 | 934.12 | -182.60 | -237.93-1.520e+04 | 1.612e+04 |
| | | -6467.95 | -2918.20 | -2.90e-03 | 0.0 | 80.0 | 934.12 | -422.60 | -237.93-1.520e+04 | -6467.95 |
| 62 | 352 | 1.306e+05 | 5215.07 | -3.59e-03 | -240.00 | 0.0 | 1178.03 | 3708.65 | 118.46 | -2953.99 |
| | | -8.259e+04 | -4262.06 | -2.03e-03 | 0.0 | 80.0 | 1178.03 | 3468.65 | 118.46 | -2953.99 |
| 62 | 356 | 1.722e+05 | 7417.08 | -4.76e-03 | -240.00 | 0.0 | 1969.49 | 4576.85 | 116.13 | -4265.08 |
| | | -9.701e+04 | -1873.24 | -2.08e-03 | 0.0 | 80.0 | 1969.49 | 4336.85 | 116.13 | -4265.08 |
| 62 | 393 | 1502.11 | -1210.91 | -1.79e-04 | -240.00 | 0.0 | -318.74 | 483.80 | 15.61 | -3285.10 |
| | | -1.192e+04 | -2459.82 | -1.62e-03 | 0.0 | 80.0 | -318.74 | 243.80 | 15.61 | -3285.10 |
| 62 | 402 | 7428.79 | 9232.99 | -4.03e-04 | -240.00 | 0.0 | 488.57 | 66.79 | -144.79-1.056e+04 | 9232.99 |
| | | -5576.42 | -2350.03 | -2.37e-03 | 0.0 | 80.0 | 488.57 | -173.21 | -144.79-1.056e+04 | -5576.42 |
| 62 | 403 | 1.284e+05 | 5401.43 | -3.57e-03 | -240.00 | 0.0 | 1255.70 | 3626.32 | 118.55 | -2407.19 |
| | | -8.259e+04 | -4082.42 | -1.76e-03 | 0.0 | 80.0 | 1255.70 | 3386.32 | 118.55 | -2407.19 |
| 62 | 407 | 978.79 | -1210.91 | -2.28e-04 | -240.00 | 0.0 | -246.06 | 487.86 | 19.34 | -3283.72 |
| | | -1.514e+04 | -2758.05 | -1.62e-03 | 0.0 | 80.0 | -246.06 | 247.86 | 19.34 | -3283.72 |
| 62 | 422 | -2630.04 | -39.51 | -3.54e-04 | -240.00 | 0.0 | -214.19 | 462.97 | 46.42 | -3491.51 |
| | | -1.821e+04 | -3802.12 | -1.90e-03 | 0.0 | 80.0 | -214.19 | 222.97 | 46.42 | -3491.51 |
| 62 | 424 | -9021.32 | -1515.61 | -7.52e-04 | -240.00 | 0.0 | 49.83 | 442.56 | 30.00 | -3839.65 |
| | | -2.285e+04 | -3933.70 | -2.40e-03 | 0.0 | 80.0 | 49.83 | 202.56 | 30.00 | -3839.65 |
| 62 | 427 | 1.098e+04 | -906.21 | 2.96e-04 | -240.00 | 0.0 | -541.94 | 533.17 | 8.68 | -2727.78 |
| | | -7437.73 | -1582.40 | -8.37e-04 | 0.0 | 80.0 | -541.94 | 293.17 | 8.68 | -2727.78 |
| 62 | 430 | -8978.55 | -852.88 | -7.54e-04 | -240.00 | 0.0 | 16.85 | 443.32 | 43.02 | -4047.65 |
| | | -2.307e+04 | -4314.78 | -2.58e-03 | 0.0 | 80.0 | 16.85 | 203.32 | 43.02 | -4047.65 |
| 62 | 450 | -1034.67 | -595.70 | -3.12e-04 | -240.00 | 0.0 | -225.09 | 473.63 | 33.53 | -3380.83 |
| | | -1.678e+04 | -3303.23 | -1.90e-03 | 0.0 | 80.0 | -225.09 | 233.63 | 33.53 | -3380.83 |
| 62 | 456 | -4112.42 | -1167.13 | -4.97e-04 | -240.00 | 0.0 | -94.34 | 464.40 | 24.88 | -3034.47 |
| | | -1.870e+04 | -3236.44 | -1.91e-03 | 0.0 | 80.0 | -94.34 | 224.40 | 24.88 | -3034.47 |
| 62 | 459 | 6070.01 | -1254.69 | 4.19e-05 | -240.00 | 0.0 | -397.77 | 511.33 | 13.80 | -3532.97 |
| | | -1.159e+04 | -2279.66 | -1.33e-03 | 0.0 | 80.0 | -397.77 | 271.33 | 13.80 | -3532.97 |
| 62 | 462 | -4091.10 | -835.81 | -4.99e-04 | -240.00 | 0.0 | -111.03 | 464.78 | 31.39 | -3138.45 |
| | | -1.881e+04 | -3427.05 | -2.00e-03 | 0.0 | 80.0 | -111.03 | 224.78 | 31.39 | -3138.45 |
| 63 | 111 | -1.750e+04-6.618e+04 | 2.40e-04 | -648.00 | 0.0 | -257.57 | 10.91 | -40.91 | -2806.07-6.618e+04 | -2.351e+04 |
| | | -3.993e+04-7.273e+04 | 0.03 | 0.0 | 160.0 | -257.57 | -637.09 | -40.91 | -2806.07-7.273e+04 | -3.993e+04 |
| 63 | 170 | 5.601e+04 | -9270.72 | 3.94e-04 | -480.00 | 0.0 | 1942.10 | -1327.12 | -168.41 | -9944.57 |
| | | -1.125e+05-3.622e+04 | 0.01 | 0.0 | 160.0 | 1942.10 | -1807.12 | -168.41 | -9944.57-3.622e+04 | -1.125e+05 |
| 63 | 183 | -6.470e+04-3.520e+04 | 1.16e-03 | -648.00 | 0.0 | -3305.06 | -21.92 | -25.42 | -1431.74-3.520e+04 | -6.623e+04 |
| | | -1.002e+05-3.926e+04 | 0.02 | 0.0 | 160.0 | -3305.06 | -669.92 | -25.42 | -1431.74-3.926e+04 | -1.002e+05 |
| 63 | 190 | -9575.39-1.239e+04 | 1.11e-03 | -480.00 | 0.0 | -2275.94 | -1046.39 | -90.87 | -5215.63-1.239e+04 | -9575.39 |
| | | -1.498e+05-2.692e+04 | 9.10e-03 | 0.0 | 160.0 | -2275.94 | -1526.39 | -90.87 | -5215.63-2.692e+04 | -1.498e+05 |
| 63 | 316 | -1.237e+04-4.895e+04 | 1.66e-04 | -480.00 | 0.0 | -142.98 | -5.51 | -30.59 | -2126.54-4.895e+04 | -1.648e+04 |
| | | -2.973e+04-5.384e+04 | 0.02 | 0.0 | 160.0 | -142.98 | -485.51 | -30.59 | -2126.54-5.384e+04 | -2.973e+04 |
| 63 | 345 | 2.518e+04-1.586e+04 | 3.54e-04 | -480.00 | 0.0 | 1023.05 | -785.19 | -116.52 | -6924.92-1.586e+04 | 2.518e+04 |
| | | -8.284e+04-3.451e+04 | 0.01 | 0.0 | 160.0 | 1023.05 | -1265.19 | -116.52 | -6924.92-3.451e+04 | -8.284e+04 |
| 63 | 352 | -4.669e+04-2.542e+04 | 8.43e-04 | -480.00 | 0.0 | -2386.59 | -34.37 | -19.28 | -1114.39-2.542e+04 | -4.753e+04 |
| | | -7.438e+04-2.850e+04 | 0.01 | 0.0 | 160.0 | -2386.59 | -514.37 | -19.28 | -1114.39-2.850e+04 | -7.438e+04 |
| 63 | 355 | -2.340e+04-1.817e+04 | 9.04e-04 | -480.00 | 0.0 | -2101.43 | -577.24 | -59.09 | -3422.00-1.817e+04 | -2.340e+04 |
| | | -1.105e+05-2.762e+04 | 0.01 | 0.0 | 160.0 | -2101.43 | -1057.24 | -59.09 | -3422.00-2.762e+04 | -1.105e+05 |
| 63 | 399 | -1.112e+04-4.349e+04 | 1.77e-04 | -480.00 | 0.0 | -498.74 | 289.07 | 0.01 | -362.61-4.350e+04 | -3.168e+04 |
| | | -3.168e+04-4.350e+04 | 0.02 | 0.0 | 160.0 | -498.74 | -190.93 | 0.01 | -362.61-4.349e+04 | -3.168e+04 |
| 63 | 402 | -3854.20-1.932e+04 | 2.84e-04 | -480.00 | 0.0 | 289.23 | -259.10 | -61.66 | -3896.55-1.932e+04 | -3854.20 |
| | | -5.183e+04-2.919e+04 | 0.01 | 0.0 | 160.0 | 289.23 | -739.10 | -61.66 | -3896.55-2.919e+04 | -5.183e+04 |
| 63 | 403 | -4.006e+04-2.105e+04 | 7.17e-04 | -480.00 | 0.0 | -2054.13 | -103.13 | -18.58 | -1269.36-2.105e+04 | -4.029e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|----------|-------|-----------|------------|--------|------------|------------|-----------|
| 257 | 380 | 1.455e+06 | -8309.24 | 0.01 | -1004.88 | 0.0 | 7.411e+04 | -736.95 | 19.40 | 1.373e+04 | -1.029e+04 | 1.455e+06 |
| | | 1.369e+06 | -1.029e+04 | 8.65e-05 | 0.0 | 102.1 | 7.411e+04 | -1741.84 | 19.40 | 1.373e+04 | -8309.24 | 1.369e+06 |
| 257 | 391 | 1.330e+06 | -5280.72 | 9.54e-03 | -1004.88 | 0.0 | 5.923e+04 | -530.64 | 22.97 | 1.245e+04 | -7626.03 | 1.330e+06 |
| | | 1.257e+06 | -7626.03 | 5.69e-05 | 0.0 | 102.1 | 5.923e+04 | -1535.53 | 22.97 | 1.245e+04 | -5280.72 | 1.257e+06 |
| 257 | 392 | 1.314e+06 | -5296.85 | 9.41e-03 | -1004.88 | 0.0 | 5.963e+04 | -530.89 | 23.20 | 1.243e+04 | -7665.68 | 1.314e+06 |
| | | 1.241e+06 | -7665.68 | 5.64e-05 | 0.0 | 102.1 | 5.963e+04 | -1535.77 | 23.20 | 1.243e+04 | -5296.85 | 1.241e+06 |
| 257 | 393 | 1.334e+06 | -6744.16 | 9.57e-03 | -1004.88 | 0.0 | 5.902e+04 | -527.29 | 23.73 | 1.262e+04 | -9166.73 | 1.334e+06 |
| | | 1.261e+06 | -9166.73 | -4.32e-05 | 0.0 | 102.1 | 5.902e+04 | -1532.17 | 23.73 | 1.262e+04 | -6744.16 | 1.261e+06 |
| 257 | 394 | 3.618e+06 | -1.415e+04 | 9.78e-03 | -1004.88 | 0.0 | 1.293e+05 | 5472.88 | -53.18 | 1278.58 | -1.415e+04 | 3.237e+06 |
| | | 3.237e+06 | -1.958e+04 | -1.20e-04 | 0.0 | 102.1 | 1.293e+05 | 4467.99 | -53.18 | 1278.58 | -1.958e+04 | 3.618e+06 |
| 257 | 407 | 1.330e+06 | -5280.72 | 9.54e-03 | -1004.88 | 0.0 | 5.923e+04 | -530.64 | 22.97 | 1.245e+04 | -7626.03 | 1.330e+06 |
| | | 1.257e+06 | -7626.03 | 5.69e-05 | 0.0 | 102.1 | 5.923e+04 | -1535.53 | 22.97 | 1.245e+04 | -5280.72 | 1.257e+06 |
| 257 | 417 | 1.848e+06 | -5806.45 | 0.01 | -1004.88 | 0.0 | 3.736e+04 | -68.47 | 33.63 | 8339.80 | -8709.24 | 1.848e+06 |
| | | 1.744e+06 | -8709.24 | -2.14e-04 | 0.0 | 102.1 | 3.736e+04 | -1073.35 | 33.63 | 8339.80 | -5806.45 | 1.744e+06 |
| 257 | 418 | 8.121e+05 | -4754.99 | 5.89e-03 | -1004.88 | 0.0 | 8.109e+04 | -992.82 | 12.32 | 1.657e+04 | -6542.81 | 8.115e+05 |
| | | 7.709e+05 | -6542.81 | 2.71e-04 | 0.0 | 102.1 | 8.109e+04 | -1997.70 | 12.32 | 1.657e+04 | -4754.99 | 7.709e+05 |
| 257 | 424 | 1.436e+06 | 7455.28 | 0.01 | -1004.88 | 0.0 | 5.904e+04 | -484.59 | -2.75 | 7261.23 | 7455.28 | 1.436e+06 |
| | | 1.359e+06 | 7262.67 | 8.72e-04 | 0.0 | 102.1 | 5.904e+04 | -1489.47 | -2.75 | 7261.23 | 7262.67 | 1.359e+06 |
| 257 | 427 | 1.224e+06 | -1.782e+04 | 8.65e-03 | -1004.88 | 0.0 | 5.941e+04 | -576.70 | 48.70 | 1.765e+04 | -2.271e+04 | 1.224e+06 |
| | | 1.155e+06 | -2.271e+04 | -8.15e-04 | 0.0 | 102.1 | 5.941e+04 | -1581.59 | 48.70 | 1.765e+04 | -1.782e+04 | 1.155e+06 |
| 257 | 449 | 1.594e+06 | -5131.16 | 0.01 | -1004.88 | 0.0 | 4.855e+04 | -231.49 | 27.99 | 1.058e+04 | -7658.76 | 1.594e+06 |
| | | 1.508e+06 | -7658.76 | -7.69e-05 | 0.0 | 102.1 | 4.855e+04 | -1236.37 | 27.99 | 1.058e+04 | -5131.16 | 1.508e+06 |
| 257 | 450 | 1.066e+06 | -5430.28 | 7.87e-03 | -1004.88 | 0.0 | 6.990e+04 | -829.80 | 17.96 | 1.432e+04 | -7593.29 | 1.066e+06 |
| | | 1.006e+06 | -7593.29 | 1.35e-04 | 0.0 | 102.1 | 6.990e+04 | -1834.68 | 17.96 | 1.432e+04 | -5430.28 | 1.006e+06 |
| 257 | 456 | 1.389e+06 | -315.62 | 0.01 | -1004.88 | 0.0 | 5.780e+04 | -732.59 | 11.16 | 9135.73 | -1706.92 | 1.389e+06 |
| | | 1.304e+06 | -1706.92 | 3.98e-04 | 0.0 | 102.1 | 5.780e+04 | -1737.48 | 11.16 | 9135.73 | -315.62 | 1.304e+06 |
| 257 | 459 | 1.271e+06 | -1.025e+04 | 8.44e-03 | -1004.88 | 0.0 | 6.065e+04 | -328.69 | 34.79 | 1.577e+04 | -1.355e+04 | 1.271e+06 |
| | | 1.211e+06 | -1.355e+04 | -3.41e-04 | 0.0 | 102.1 | 6.065e+04 | -1333.58 | 34.79 | 1.577e+04 | -1.025e+04 | 1.211e+06 |
| 258 | 1 | 5.912e+06 | 8225.64 | 0.02 | -1356.59 | 0.0 | 2.078e+05 | 8744.69 | 156.05 | 1.295e+04 | -7704.64 | 5.295e+06 |
| | | 5.295e+06 | -7704.64 | -3.74e-05 | 0.0 | 102.1 | 2.078e+05 | 7388.09 | 156.05 | 1.295e+04 | 8225.64 | 5.912e+06 |
| 258 | 7 | 4.907e+06 | 1.070e+04 | 0.02 | -1356.59 | 0.0 | 1.785e+05 | 6369.08 | 112.43 | 4417.92 | -777.98 | 4.470e+06 |
| | | 4.470e+06 | -777.98 | -3.02e-05 | 0.0 | 102.1 | 1.785e+05 | 5012.49 | 112.43 | 4417.92 | 1.070e+04 | 4.907e+06 |
| 258 | 28 | 1.540e+06 | -1481.66 | 0.01 | -1004.88 | 0.0 | 7.008e+04 | -710.63 | -6.75 | -268.16 | -1481.66 | 1.540e+06 |
| | | 1.453e+06 | -2170.56 | -5.71e-05 | 0.0 | 102.1 | 7.008e+04 | -1715.51 | -6.75 | -268.16 | -2170.56 | 1.453e+06 |
| 258 | 240 | 1.396e+06 | -614.17 | 9.84e-03 | -1004.88 | 0.0 | 7.426e+04 | -712.23 | -10.44 | -2677.67 | -614.17 | 1.396e+06 |
| | | 1.310e+06 | -1679.93 | 3.11e-05 | 0.0 | 102.1 | 7.426e+04 | -1717.11 | -10.44 | -2677.67 | -1679.93 | 1.310e+06 |
| 258 | 250 | 4.987e+06 | -8614.21 | 0.06 | -1004.88 | 0.0 | 1.805e+05 | -1.201e+04 | -96.74 | 7.81 | -8614.21 | 4.987e+06 |
| | | 4.091e+06 | -1.849e+04 | -3.53e-04 | 0.0 | 102.1 | 1.805e+05 | -1.301e+04 | -96.74 | 7.81 | -1.849e+04 | 4.091e+06 |
| 258 | 261 | 4.377e+06 | 6572.66 | 0.01 | -1004.88 | 0.0 | 1.537e+05 | 6478.35 | 115.44 | 9453.43 | -5211.71 | 3.920e+06 |
| | | 3.920e+06 | -5211.71 | -9.63e-06 | 0.0 | 102.1 | 1.537e+05 | 5473.47 | 115.44 | 9453.43 | 6572.66 | 4.377e+06 |
| 258 | 263 | 3.616e+06 | 7775.75 | 0.01 | -1004.88 | 0.0 | 1.311e+05 | 4753.27 | 83.49 | 3409.64 | -747.54 | 3.289e+06 |
| | | 3.289e+06 | -747.54 | -2.59e-05 | 0.0 | 102.1 | 1.311e+05 | 3748.38 | 83.49 | 3409.64 | 7775.75 | 3.616e+06 |
| 258 | 274 | 1.499e+06 | -613.12 | 0.01 | -1004.88 | 0.0 | 6.764e+04 | -646.93 | -5.69 | -628.42 | -613.12 | 1.499e+06 |
| | | 1.417e+06 | -1194.03 | -3.52e-05 | 0.0 | 102.1 | 6.764e+04 | -1651.82 | -5.69 | -628.42 | -1194.03 | 1.417e+06 |
| 258 | 380 | 1.392e+06 | 48.07 | 9.85e-03 | -1004.88 | 0.0 | 7.072e+04 | -648.12 | -8.43 | -2422.63 | 48.07 | 1.392e+06 |
| | | 1.311e+06 | -812.02 | 3.13e-05 | 0.0 | 102.1 | 7.072e+04 | -1653.00 | -8.43 | -2422.63 | -812.02 | 1.311e+06 |
| 258 | 385 | 4.052e+06 | -5826.54 | 0.05 | -1004.88 | 0.0 | 1.494e+05 | -9014.89 | -72.32 | -441.58 | -5826.54 | 4.052e+06 |
| | | 3.371e+06 | -1.321e+04 | -2.50e-04 | 0.0 | 102.1 | 1.494e+05 | -1.002e+04 | -72.32 | -441.58 | -1.321e+04 | 3.371e+06 |
| 258 | 392 | 1.284e+06 | 2687.53 | 9.18e-03 | -1004.88 | 0.0 | 5.797e+04 | -441.51 | -5.41 | -2745.27 | 2687.53 | 1.284e+06 |
| | | 1.218e+06 | 2134.77 | 2.00e-05 | 0.0 | 102.1 | 5.797e+04 | -1446.40 | -5.41 | -2745.27 | 2134.77 | 1.218e+06 |
| 258 | 393 | 1.301e+06 | 1057.06 | 9.31e-03 | -1004.88 | 0.0 | 5.753e+04 | -441.92 | -4.29 | -2514.68 | 1057.06 | 1.301e+06 |
| | | 1.235e+06 | 618.86 | -5.22e-05 | 0.0 | 102.1 | 5.753e+04 | -1446.81 | -4.29 | -2514.68 | 618.86 | 1.235e+06 |
| 258 | 394 | 3.422e+06 | 8560.09 | 9.52e-03 | -1004.88 | 0.0 | 1.210e+05 | 4927.01 | 85.74 | 4504.03 | -192.34 | 3.083e+06 |
| | | 3.083e+06 | -192.34 | 6.36e-05 | 0.0 | 102.1 | 1.210e+05 | 3922.12 | 85.74 | 4504.03 | 8560.09 | 3.422e+06 |
| 258 | 406 | 3.181e+06 | -489.26 | 0.04 | -1004.88 | 0.0 | 1.177e+05 | -6692.88 | -55.00 | -2969.32 | -489.26 | 3.181e+06 |
| | | 2.667e+06 | -6103.55 | -1.12e-04 | 0.0 | 102.1 | 1.177e+05 | -7697.76 | -55.00 | -2969.32 | -6103.55 | 2.667e+06 |
| 258 | 407 | 1.300e+06 | 2699.70 | 9.30e-03 | -1004.88 | 0.0 | 5.754e+04 | -441.75 | -5.47 | -2736.16 | 2699.70 | 1.300e+06 |
| | | 1.233e+06 | 2141.21 | 2.04e-05 | 0.0 | 102.1 | 5.754e+04 | -1446.64 | -5.47 | -2736.16 | 2141.21 | 1.233e+06 |
| 258 | 416 | 1.783e+06 | 5200.72 | 0.01 | -1004.88 | 0.0 | 3.764e+04 | -784.40 | -4.24 | -3399.30 | 5200.72 | 1.783e+06 |
| | | 1.692e+06 | 4780.19 | 2.94e-04 | 0.0 | 102.1 | 3.764e+04 | -1789.28 | -4.24 | -3399.30 | 4780.19 | 1.692e+06 |
| 258 | 417 | 1.793e+06 | -2355.28 | 0.01 | -1004.88 | 0.0 | 3.859e+04 | -827.44 | 12.54 | 1243.34 | -3540.96 | 1.793e+06 |
| | | 1.701e+06 | -3540.96 | -2.16e-04 | 0.0 | 102.1 | 3.859e+04 | -1832.33 | 12.54 | 1243.34 | -2355.28 | 1.701e+06 |
| 258 | 419 | 8.182e+05 | 198.68 | 5.86e-03 | -1004.88 | 0.0 | 7.744e+04 | -99.11 | -6.70 | -2073.02 | 198.68 | 8.179e+05 |
| | | 7.752e+05 | -497.77 | -2.53e-04 | 0.0 | 102.1 | 7.744e+04 | -1103.99 | -6.70 | -2073.02 | -497.77 | 7.752e+05 |
| 258 | 422 | 8.093e+05 | 7676.66 | 5.96e-03 | -1004.88 | 0.0 | 7.672e+04 | -28.40 | -21.87 | -6000.75 | 7676.66 | 8.090e+05 |
| | | 7.657e+05 | 5523.59 | 2.21e-04 | 0.0 | 102.1 | 7.672e+04 | -1033.28 | -21.87 | -6000.75 | 5523.59 | 7.657e+05 |
| 258 | 429 | 1.464e+06 | -1.003e+04 | 0.01 | -1004.88 | 0.0 | 5.329e+04 | -622.75 | 25.39 | 5499.02 | -1.243e+04 | 1.464e+06 |
| | | 1.387e+06 | -1.243e+04 | -8.24e-04 | 0.0 | 102.1 | 5.329e+04 | -1627.63 | 25.39 | 5499.02 | -1.003e+04 | 1.387e+06 |
| 258 | 430 | 1.136e+06 | 1.783e+04 | 8.20e-03 | -1004.88 | 0.0 | 6.180e+04 | -260.76 | -36.33 | -1.097e+04 | 1.783e+04 | 1.136e+06 |
| | | 1.080e+06 | 1.431e+04 | 8.65e-04 | 0.0 | 102.1 | 6.180e+04 | -1265.64 | -36.33 | -1.097e+04 | 1.431e+04 | 1.080e+06 |
| 258 | 448 | 1.547e+06 | 3389.44 | 0.01 | -1004.88 | 0.0 | 4.748e+04 | -572.98 | -3.52 | -2658.63 | 3389.44 | 1.547e+06 |
| | | 1.466e+06 | 3034.11 | 1.41e-04 | 0.0 | 102.1 | 4.748e+04 | -1577.87 | -3.52 | -2658.63 | 3034.11 | 1.466e+06 |
| 258 | 449 | 1.553e+06 | 304.78 | 0.01 | -1004.88 | 0.0 | 4.794e+04 | -675.35 | 2.29 | -1131.13 | 115.09 | 1.553e+06 |
| | | 1.475e+06 | 115.09 | -8.21e-05 | 0.0 | 102.1 | 4.794e+04 | -1680.23 | 2.29 | -1131.13 | 304.78 | 1.475e+06 |
| 258 | 450 | 1.047e+06 | 5284.31 | 7.65e-03 | -1004.88 | 0.0 | 6.714e+04 | -208.15 | -13.24 | -4341.18 | 5284.31 | 1.047e+06 |
| | | 9.917e+05 | 3977.64 | 1.23e-04 | 0.0 | 102.1 | 6.714e+04 | -1213.04 | -13.24 | -4341.18 | 3977.64 | 9.917e+05 |
| 258 | 451 | 1.054e+06 | 2009.96 | 7.41e-03 | -1004.88 | 0.0 | 6.760e+04 | -310.52 | -7.42 | -2813.68 | 2009.96 | 1.054e+06 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|----------|------|-----------|-----------|---------|------------|------------|-----------|
| | | 1.097e+06 | -1.539e+04 | 4.81e-04 | 0.0 | 92.1 | 8.166e+04 | 1.648e+04 | -154.73 | -1.742e+05 | -1.539e+04 | 2.185e+06 |
| 262 | 274 | 1.009e+06 | -294.17 | -0.05 | -906.45 | 0.0 | 4.470e+04 | 8306.77 | -40.56 | -4.321e+04 | -294.17 | 5.017e+05 |
| | | 5.017e+05 | -4028.95 | 8.12e-05 | 0.0 | 92.1 | 4.470e+04 | 7400.33 | -40.56 | -4.321e+04 | -4028.95 | 1.009e+06 |
| 262 | 376 | 1.091e+06 | 1693.33 | -0.06 | -906.45 | 0.0 | 5.828e+04 | 9925.21 | -78.83 | -8.154e+04 | 1693.33 | 4.787e+05 |
| | | 4.787e+05 | -5565.93 | 1.38e-04 | 0.0 | 92.1 | 5.828e+04 | 9018.76 | -78.83 | -8.154e+04 | -5565.93 | 1.091e+06 |
| 262 | 379 | 8.999e+05 | 877.20 | -0.05 | -906.45 | 0.0 | 4.783e+04 | 8349.36 | -45.64 | -4.287e+04 | 877.20 | 3.886e+05 |
| | | 3.886e+05 | -3325.21 | 8.90e-05 | 0.0 | 92.1 | 4.783e+04 | 7442.92 | -45.64 | -4.287e+04 | -3325.21 | 8.999e+05 |
| 262 | 385 | 3.418e+06 | 1512.76 | -0.15 | -906.45 | 0.0 | 1.045e+05 | 2.479e+04 | -94.31 | -1.805e+05 | 1512.76 | 1.830e+06 |
| | | 1.830e+06 | -7171.36 | 6.73e-04 | 0.0 | 92.1 | 1.045e+05 | 2.388e+04 | -94.31 | -1.805e+05 | -7171.36 | 3.418e+06 |
| 262 | 391 | 8.829e+05 | 583.07 | -0.05 | -906.45 | 0.0 | 3.777e+04 | 7262.72 | -15.08 | -1.521e+04 | 583.07 | 4.426e+05 |
| | | 4.426e+05 | -805.86 | -8.11e-05 | 0.0 | 92.1 | 3.777e+04 | 6356.28 | -15.08 | -1.521e+04 | -805.86 | 8.829e+05 |
| 262 | 394 | 1.219e+06 | -46.06 | -0.11 | -906.45 | 0.0 | 6.480e+04 | 1.393e+04 | -94.93 | -1.083e+05 | -46.06 | 8.47e+05 |
| | | 8.747e+05 | -8787.26 | 1.71e-04 | 0.0 | 92.1 | 6.480e+04 | 1.302e+04 | -94.93 | -1.083e+05 | -8787.26 | 1.741e+06 |
| 262 | 405 | 9.208e+05 | 2041.23 | -0.05 | -906.45 | 0.0 | 4.726e+04 | 8340.71 | -39.63 | -3.999e+04 | 2041.23 | 4.107e+05 |
| | | 4.107e+05 | -1607.72 | -6.38e-05 | 0.0 | 92.1 | 4.726e+04 | 7434.27 | -39.63 | -3.999e+04 | -1607.72 | 9.208e+05 |
| 262 | 406 | 2.665e+06 | 1965.74 | -0.12 | -906.45 | 0.0 | 8.192e+04 | 1.948e+04 | -48.17 | -1.123e+05 | 1965.74 | 1.923e+06 |
| | | 1.425e+06 | -2470.29 | 2.92e-04 | 0.0 | 92.1 | 8.192e+04 | 1.857e+04 | -48.17 | -1.123e+05 | -2470.29 | 2.665e+06 |
| 262 | 407 | 8.829e+05 | 583.07 | -0.05 | -906.45 | 0.0 | 3.777e+04 | 7262.72 | -15.08 | -1.521e+04 | 583.07 | 4.426e+05 |
| | | 4.426e+05 | -805.86 | -8.11e-05 | 0.0 | 92.1 | 3.777e+04 | 6356.28 | -15.08 | -1.521e+04 | -805.86 | 8.829e+05 |
| 262 | 416 | 1.219e+06 | 6514.14 | -0.06 | -906.45 | 0.0 | 2.425e+04 | 5600.37 | -27.72 | -5937.00 | 6514.14 | 6.623e+05 |
| | | 6.623e+05 | 3787.62 | -5.41e-04 | 0.0 | 92.1 | 2.425e+04 | 4693.92 | -27.72 | -5937.00 | 3787.62 | 1.219e+06 |
| 262 | 419 | 5.473e+05 | -5348.00 | -0.03 | -906.45 | 0.0 | 5.130e+04 | 8925.07 | -2.45 | -2.448e+04 | -5348.00 | 2.230e+05 |
| | | 2.230e+05 | -5399.34 | 3.78e-04 | 0.0 | 92.1 | 5.130e+04 | 8018.63 | -2.45 | -2.448e+04 | -5399.34 | 5.473e+05 |
| 262 | 420 | 1.223e+06 | 5586.55 | -0.06 | -906.45 | 0.0 | 2.432e+04 | 5601.44 | -31.14 | -7877.30 | 5586.55 | 6.639e+05 |
| | | 6.639e+05 | 2801.89 | -3.98e-04 | 0.0 | 92.1 | 2.432e+04 | 4695.00 | -31.14 | -7877.30 | 2801.89 | 1.223e+06 |
| 262 | 423 | 5.432e+05 | -4413.62 | -0.03 | -906.45 | 0.0 | 5.123e+04 | 8924.00 | 0.98 | -2.254e+04 | -4420.41 | 2.214e+05 |
| | | 2.214e+05 | -4420.41 | 2.36e-04 | 0.0 | 92.1 | 5.123e+04 | 8017.55 | 0.98 | -2.254e+04 | -4413.62 | 5.432e+05 |
| 262 | 424 | 9.923e+05 | 1.171e+04 | -0.05 | -906.45 | 0.0 | 3.272e+04 | 6680.39 | 20.94 | -20.75 | 1.089e+04 | 5.220e+05 |
| | | 5.220e+05 | 1.089e+04 | -1.52e-03 | 0.0 | 92.1 | 3.272e+04 | 5773.95 | 20.94 | -20.75 | 1.171e+04 | 9.923e+05 |
| 262 | 427 | 7.735e+05 | -9726.34 | -0.04 | -906.45 | 0.0 | 4.283e+04 | 7845.05 | -51.10 | -3.039e+04 | -9726.34 | 3.633e+05 |
| | | 3.633e+05 | -1.332e+04 | 1.35e-03 | 0.0 | 92.1 | 4.283e+04 | 6938.60 | -51.10 | -3.039e+04 | -1.332e+04 | 7.735e+05 |
| 262 | 448 | 1.046e+06 | 2948.60 | -0.05 | -906.45 | 0.0 | 3.087e+04 | 6405.15 | -22.74 | -1.123e+04 | 2948.60 | 5.585e+05 |
| | | 5.585e+05 | 890.66 | -2.34e-04 | 0.0 | 92.1 | 3.087e+04 | 5498.70 | -22.74 | -1.123e+04 | 890.66 | 1.046e+06 |
| 262 | 449 | 1.061e+06 | 1365.40 | -0.06 | -906.45 | 0.0 | 3.137e+04 | 6458.32 | -33.18 | -1.401e+04 | 1365.40 | 5.469e+05 |
| | | 5.469e+05 | -1535.43 | 3.84e-05 | 0.0 | 92.1 | 3.137e+04 | 5551.87 | -33.18 | -1.401e+04 | -1535.43 | 1.061e+06 |
| 262 | 451 | 7.197e+05 | -1782.46 | -0.04 | -906.45 | 0.0 | 4.468e+04 | 8120.29 | -7.43 | -1.918e+04 | -1782.46 | 3.268e+05 |
| | | 3.268e+05 | -2502.38 | 7.21e-05 | 0.0 | 92.1 | 4.468e+04 | 7213.85 | -7.43 | -1.918e+04 | -2502.38 | 7.197e+05 |
| 262 | 464 | 9.455e+05 | 4159.95 | -0.05 | -906.45 | 0.0 | 3.534e+04 | 6969.90 | -2.97 | -1.088e+04 | 4159.95 | 4.856e+05 |
| | | 4.856e+05 | 3765.80 | -5.57e-04 | 0.0 | 92.1 | 3.534e+04 | 6063.45 | -2.97 | -1.088e+04 | 3765.80 | 9.455e+05 |
| 262 | 467 | 8.203e+05 | -2993.81 | -0.04 | -906.45 | 0.0 | 4.021e+04 | 7555.54 | -27.20 | -1.954e+04 | -2993.81 | 3.997e+05 |
| | | 3.997e+05 | -5377.52 | 3.95e-04 | 0.0 | 92.1 | 4.021e+04 | 6649.10 | -27.20 | -1.954e+04 | -5377.52 | 8.203e+05 |
| 263 | 26 | 9.798e+05 | -4054.19 | -0.05 | -906.45 | 0.0 | 4.413e+04 | 8241.91 | -18.94 | -2.831e+04 | -4054.19 | 4.775e+05 |
| | | 4.775e+05 | -5798.32 | 4.46e-04 | 0.0 | 92.1 | 4.413e+04 | 7335.46 | -18.94 | -2.831e+04 | -5798.32 | 9.798e+05 |
| 263 | 227 | 1.184e+06 | -282.99 | -0.06 | -1223.70 | 0.0 | 6.161e+04 | 1.100e+04 | -10.13 | -7946.46 | -282.99 | 5.127e+05 |
| | | 5.127e+05 | -1215.67 | 1.88e-04 | 0.0 | 92.1 | 6.161e+04 | 9777.99 | -10.13 | -7946.46 | -1215.67 | 1.184e+06 |
| 263 | 240 | 8.471e+05 | -372.05 | -0.05 | -906.45 | 0.0 | 4.776e+04 | 8271.73 | -18.40 | -1.824e+04 | -372.05 | 3.427e+05 |
| | | 3.427e+05 | -2066.32 | 1.74e-04 | 0.0 | 92.1 | 4.776e+04 | 7365.28 | -18.40 | -1.824e+04 | -2066.32 | 8.471e+05 |
| 263 | 250 | 3.874e+06 | -2.480e+04 | -0.17 | -906.45 | 0.0 | 1.141e+05 | 2.777e+04 | -276.70 | -2.405e+05 | -2.480e+04 | 2.089e+06 |
| | | 2.089e+06 | -5.028e+04 | 1.40e-03 | 0.0 | 92.1 | 1.141e+05 | 2.686e+04 | -276.70 | -2.405e+05 | -5.028e+04 | 3.874e+06 |
| 263 | 251 | 4.205e+06 | -2.460e+04 | -0.19 | -1223.70 | 0.0 | 1.282e+05 | 3.051e+04 | -264.66 | -2.281e+05 | -2.460e+04 | 2.251e+06 |
| | | 2.251e+06 | -4.897e+04 | 1.35e-03 | 0.0 | 92.1 | 1.282e+05 | 2.929e+04 | -264.66 | -2.281e+05 | -4.897e+04 | 4.205e+06 |
| 263 | 273 | 9.698e+05 | -2855.67 | -0.05 | -906.45 | 0.0 | 4.298e+04 | 8108.57 | -8.81 | -1.457e+04 | -2855.67 | 4.753e+05 |
| | | 4.753e+05 | -3666.48 | 3.41e-04 | 0.0 | 92.1 | 4.298e+04 | 7202.12 | -8.81 | -1.457e+04 | -3666.48 | 9.698e+05 |
| 263 | 374 | 8.769e+05 | -135.48 | -0.05 | -906.45 | 0.0 | 4.551e+04 | 8130.84 | -7.43 | -6371.80 | -135.48 | 3.807e+05 |
| | | 3.807e+05 | -819.71 | 1.29e-04 | 0.0 | 92.1 | 4.551e+04 | 7224.39 | -7.43 | -6371.80 | -819.71 | 8.769e+05 |
| 263 | 380 | 8.716e+05 | -136.05 | -0.05 | -906.45 | 0.0 | 4.566e+04 | 8128.47 | -9.00 | -7444.46 | -136.05 | 3.757e+05 |
| | | 3.757e+05 | -964.79 | 1.48e-04 | 0.0 | 92.1 | 4.566e+04 | 7222.03 | -9.00 | -7444.46 | -964.79 | 8.716e+05 |
| 263 | 385 | 3.113e+06 | -1.823e+04 | -0.14 | -906.45 | 0.0 | 9.479e+04 | 2.257e+04 | -199.88 | -1.718e+05 | -1.823e+04 | 1.669e+06 |
| | | 1.669e+06 | -3.663e+04 | 1.05e-03 | 0.0 | 92.1 | 9.479e+04 | 2.166e+04 | -199.88 | -1.718e+05 | -3.663e+04 | 3.113e+06 |
| 263 | 386 | 3.114e+06 | -1.815e+04 | -0.14 | -906.45 | 0.0 | 9.482e+04 | 2.258e+04 | -195.80 | -1.693e+05 | -1.815e+04 | 1.669e+06 |
| | | 1.669e+06 | -3.618e+04 | 9.89e-04 | 0.0 | 92.1 | 9.482e+04 | 2.168e+04 | -195.80 | -1.693e+05 | -3.618e+04 | 3.114e+06 |
| 263 | 392 | 8.671e+05 | 863.27 | -0.05 | -906.45 | 0.0 | 3.820e+04 | 7264.33 | 14.71 | 1.526e+04 | -490.89 | 4.267e+05 |
| | | 4.267e+05 | -490.89 | 7.82e-05 | 0.0 | 92.1 | 3.820e+04 | 6357.89 | 14.71 | 1.526e+04 | 863.27 | 8.671e+05 |
| 263 | 393 | 8.827e+05 | -588.54 | -0.05 | -906.45 | 0.0 | 3.777e+04 | 7260.58 | 10.73 | 1.402e+04 | -1577.01 | 4.430e+05 |
| | | 4.430e+05 | -1577.01 | 2.00e-04 | 0.0 | 92.1 | 3.777e+04 | 6354.13 | 10.73 | 1.402e+04 | -588.54 | 8.827e+05 |
| 263 | 405 | 8.929e+05 | 687.22 | -0.05 | -906.45 | 0.0 | 4.509e+04 | 8124.12 | -6.31 | -7960.76 | 687.22 | 3.971e+05 |
| | | 3.971e+05 | 106.00 | 6.27e-05 | 0.0 | 92.1 | 4.509e+04 | 7217.67 | -6.31 | -7960.76 | 106.00 | 8.929e+05 |
| 263 | 406 | 2.472e+06 | -1.194e+04 | -0.11 | -906.45 | 0.0 | 7.615e+04 | 1.800e+04 | -127.30 | -9.979e+04 | -1.194e+04 | 1.326e+06 |
| | | 1.326e+06 | -2.366e+04 | 6.15e-04 | 0.0 | 92.1 | 7.615e+04 | 1.709e+04 | -127.30 | -9.979e+04 | -2.366e+04 | 2.472e+06 |
| 263 | 407 | 8.829e+05 | 805.61 | -0.05 | -906.45 | 0.0 | 3.777e+04 | 7262.72 | 15.08 | 1.521e+04 | -583.35 | 4.426e+05 |
| | | 4.426e+05 | -583.35 | 8.11e-05 | 0.0 | 92.1 | 3.777e+04 | 6356.28 | 15.08 | 1.521e+04 | 805.61 | 8.829e+05 |
| 263 | 409 | 1.219e+06 | -3801.95 | -0.06 | -906.45 | 0.0 | 2.424e+04 | 5602.21 | 27.67 | 5961.69 | -6528.47 | 6.623e+05 |
| | | 6.623e+05 | -6528.47 | 5.41e-04 | 0.0 | 92.1 | 2.424e+04 | 4695.76 | 27.67 | 5961.69 | -3801.95 | 1.219e+06 |
| 263 | 410 | 5.473e+05 | 5413.17 | -0.03 | -906.45 | 0.0 | 5.131e+04 | 8923.24 | 2.49 | 2.445e+04 | 5361.76 | 2.230e+05 |
| | | 2.230e+05 | 5361.76 | -3.78e-04 | 0.0 | 92.1 | 5.131e+04 | 8016.79 | 2.49 | 2.445e+04 | 5413.17 | 5.473e+05 |
| 263 | 413 | 1.223e+06 | -2620.77 | -0.06 | -906.45 | 0.0 | 2.440e+04 | 5594.12 | 32.45 | 8109.73 | -5513.85 | 6.641e+05 |
| | | 6.641e+05 | -5513.85 | 4.00e-04 | 0.0 | 92.1 | 2.440e+04 | 4687.68 | 32.45 | 8109.73 | -2620.77 | 1.223e+06 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|----------|------|-----------|-----------|----------|------------|------------|-----------|
| 279 | 379 | 1.145e+06 | 1.080e+04 | -0.04 | -906.45 | 0.0 | 5.537e+04 | 6101.63 | 132.76 | -8745.40 | -1420.14 | 7.759e+05 |
| | | 7.759e+05 | -1420.14 | 1.94e-04 | 0.0 | 92.1 | 5.537e+04 | 5195.19 | 132.76 | -8745.40 | 1.080e+04 | 1.145e+06 |
| 279 | 382 | 3.245e+06 | 3.062e+04 | -0.09 | -906.45 | 0.0 | 1.064e+05 | 1.350e+04 | 603.66 | -6.486e+04 | -2.497e+04 | 2.381e+06 |
| | | 2.381e+06 | -2.497e+04 | 2.43e-04 | 0.0 | 92.1 | 1.064e+05 | 1.259e+04 | 603.66 | -6.486e+04 | 3.062e+04 | 3.245e+06 |
| 279 | 385 | 3.871e+06 | 2.261e+04 | -0.11 | -906.45 | 0.0 | 1.225e+05 | 1.586e+04 | 643.40 | -1.218e+05 | -3.663e+04 | 2.847e+06 |
| | | 2.847e+06 | -3.663e+04 | 3.91e-04 | 0.0 | 92.1 | 1.225e+05 | 1.496e+04 | 643.40 | -1.218e+05 | 2.261e+04 | 3.871e+06 |
| 279 | 386 | 3.874e+06 | 2.486e+04 | -0.11 | -906.45 | 0.0 | 1.226e+05 | 1.588e+04 | 662.90 | -1.197e+05 | -3.618e+04 | 2.848e+06 |
| | | 2.848e+06 | -3.618e+04 | 3.44e-04 | 0.0 | 92.1 | 1.226e+05 | 1.497e+04 | 662.90 | -1.197e+05 | 2.486e+04 | 3.874e+06 |
| 279 | 391 | 1.126e+06 | 1.603e+04 | -0.04 | -906.45 | 0.0 | 4.640e+04 | 5451.26 | 165.39 | 1.255e+04 | 805.60 | 7.994e+05 |
| | | 7.994e+05 | 805.60 | 7.94e-05 | 0.0 | 92.1 | 4.640e+04 | 4544.82 | 165.39 | 1.255e+04 | 1.603e+04 | 1.126e+06 |
| 279 | 392 | 1.110e+06 | 1.605e+04 | -0.04 | -906.45 | 0.0 | 4.682e+04 | 5452.80 | 164.93 | 1.257e+04 | 863.27 | 7.835e+05 |
| | | 7.835e+05 | 863.27 | 7.86e-05 | 0.0 | 92.1 | 4.682e+04 | 4546.35 | 164.93 | 1.257e+04 | 1.605e+04 | 1.110e+06 |
| 279 | 406 | 3.073e+06 | 2.673e+04 | -0.08 | -906.45 | 0.0 | 9.814e+04 | 1.269e+04 | 547.23 | -6.747e+04 | -2.366e+04 | 2.261e+06 |
| | | 2.261e+06 | -2.366e+04 | 1.86e-04 | 0.0 | 92.1 | 9.814e+04 | 1.178e+04 | 547.23 | -6.747e+04 | 2.673e+04 | 3.073e+06 |
| 279 | 407 | 1.126e+06 | 1.603e+04 | -0.04 | -906.45 | 0.0 | 4.640e+04 | 5451.26 | 165.39 | 1.255e+04 | 805.60 | 7.994e+05 |
| | | 7.994e+05 | 805.60 | 7.94e-05 | 0.0 | 92.1 | 4.640e+04 | 4544.82 | 165.39 | 1.255e+04 | 1.603e+04 | 1.126e+06 |
| 279 | 409 | 1.542e+06 | 1.307e+04 | -0.05 | -906.45 | 0.0 | 2.989e+04 | 4124.59 | 172.88 | 1.349e+04 | -3801.95 | 1.116e+06 |
| | | 1.116e+06 | -3801.95 | 4.35e-04 | 0.0 | 92.1 | 2.989e+04 | 3218.14 | 172.88 | 1.349e+04 | 1.307e+04 | 1.542e+06 |
| 279 | 410 | 7.088e+05 | 1.900e+04 | -0.02 | -906.45 | 0.0 | 6.291e+04 | 6777.94 | 157.89 | 1.160e+04 | 5413.16 | 4.827e+05 |
| | | 4.827e+05 | 5413.16 | -2.77e-04 | 0.0 | 92.1 | 6.291e+04 | 5871.49 | 157.89 | 1.160e+04 | 1.900e+04 | 7.088e+05 |
| 279 | 412 | 1.553e+06 | 2.232e+04 | -0.05 | -906.45 | 0.0 | 3.052e+04 | 4179.70 | 211.72 | 1.880e+04 | 2337.41 | 1.121e+06 |
| | | 1.121e+06 | 2337.41 | -1.09e-04 | 0.0 | 92.1 | 3.052e+04 | 3273.25 | 211.72 | 1.880e+04 | 2.232e+04 | 1.553e+06 |
| 279 | 415 | 6.984e+05 | 9752.13 | -0.02 | -906.45 | 0.0 | 6.228e+04 | 6722.83 | 119.06 | 6291.19 | -726.20 | 4.779e+05 |
| | | 4.779e+05 | -726.20 | 2.28e-04 | 0.0 | 92.1 | 6.228e+04 | 5816.38 | 119.06 | 6291.19 | 9752.13 | 6.984e+05 |
| 279 | 424 | 1.260e+06 | 3.423e+04 | -0.04 | -906.45 | 0.0 | 4.295e+04 | 5146.44 | 246.05 | 2.651e+04 | 1.272e+04 | 8.846e+05 |
| | | 8.846e+05 | 1.272e+04 | -9.58e-04 | 0.0 | 92.1 | 4.295e+04 | 4240.00 | 246.05 | 2.651e+04 | 3.423e+04 | 1.260e+06 |
| 279 | 429 | 1.242e+06 | -889.68 | -0.04 | -906.45 | 0.0 | 4.021e+04 | 4976.25 | 101.86 | -1252.45 | -1.181e+04 | 9.024e+05 |
| | | 9.024e+05 | -1.181e+04 | 1.13e-03 | 0.0 | 92.1 | 4.021e+04 | 4069.81 | 101.86 | -1252.45 | -889.68 | 1.242e+06 |
| 279 | 440 | 1.347e+06 | 1.919e+04 | -0.04 | -906.45 | 0.0 | 3.805e+04 | 4802.88 | 189.67 | 1.622e+04 | 1491.00 | 9.673e+05 |
| | | 9.673e+05 | 1491.00 | -5.22e-05 | 0.0 | 92.1 | 3.805e+04 | 3896.44 | 189.67 | 1.622e+04 | 1.919e+04 | 1.347e+06 |
| 279 | 443 | 9.040e+05 | 1.288e+04 | -0.03 | -906.45 | 0.0 | 5.475e+04 | 6099.64 | 141.11 | 8872.21 | 120.21 | 6.315e+05 |
| | | 6.315e+05 | 120.21 | 1.53e-04 | 0.0 | 92.1 | 5.475e+04 | 5193.19 | 141.11 | 8872.21 | 1.288e+04 | 9.040e+05 |
| 279 | 456 | 1.213e+06 | 2.305e+04 | -0.04 | -906.45 | 0.0 | 4.323e+04 | 5296.11 | 201.55 | 1.753e+04 | 2.305e+04 | 1.213e+06 |
| | | 8.708e+05 | 4535.47 | -2.37e-04 | 0.0 | 92.1 | 4.323e+04 | 4389.67 | 201.55 | 1.753e+04 | 2.305e+04 | 1.213e+06 |
| 279 | 469 | 1.177e+06 | 9736.97 | -0.04 | -906.45 | 0.0 | 4.362e+04 | 5205.01 | 141.22 | 9364.45 | -3492.30 | 8.353e+05 |
| | | 8.353e+05 | -3492.30 | 3.93e-04 | 0.0 | 92.1 | 4.362e+04 | 4298.57 | 141.22 | 9364.45 | 9736.97 | 1.177e+06 |
| 280 | 26 | 1.201e+06 | -2710.06 | -0.04 | -906.45 | 0.0 | 5.238e+04 | 6025.65 | -549.53 | -3.547e+04 | -2710.06 | 8.477e+05 |
| | | 8.477e+05 | -5.331e+04 | 6.51e-04 | 0.0 | 92.1 | 5.238e+04 | 5119.20 | -549.53 | -3.547e+04 | -5.331e+04 | 1.201e+06 |
| 280 | 227 | 1.525e+06 | 4611.74 | -0.05 | -1223.70 | 0.0 | 7.338e+04 | 8056.94 | -786.14 | -3.254e+04 | 4611.74 | 1.055e+06 |
| | | 1.055e+06 | -7.840e+04 | 6.94e-04 | -230.67 | 92.1 | 7.338e+04 | 6833.24 | -1016.81 | -3.254e+04 | -7.840e+04 | 1.525e+06 |
| 280 | 238 | 1.073e+06 | 224.58 | -0.04 | -906.45 | 0.0 | 5.505e+04 | 5990.61 | -565.13 | -3.431e+04 | 224.58 | 7.243e+05 |
| | | 7.243e+05 | -5.181e+04 | 5.66e-04 | 0.0 | 92.1 | 5.505e+04 | 5084.17 | -565.13 | -3.431e+04 | -5.181e+04 | 1.073e+06 |
| 280 | 251 | 4.811e+06 | -1.840e+04 | -0.13 | -1223.70 | 0.0 | 1.525e+05 | 1.973e+04 | -1881.45 | -1.781e+05 | -1.840e+04 | 3.571e+06 |
| | | 3.571e+06 | -1.980e+05 | 2.00e-03 | -138.40 | 92.1 | 1.525e+05 | 1.851e+04 | -2019.85 | -1.781e+05 | -1.980e+05 | 4.811e+06 |
| 280 | 273 | 1.208e+06 | -257.37 | -0.04 | -906.45 | 0.0 | 5.209e+04 | 5949.99 | -575.85 | -2.489e+04 | -257.37 | 8.603e+05 |
| | | 8.603e+05 | -5.328e+04 | 5.96e-04 | 0.0 | 92.1 | 5.209e+04 | 5043.54 | -575.85 | -2.489e+04 | -5.328e+04 | 1.208e+06 |
| 280 | 374 | 1.128e+06 | 3296.39 | -0.04 | -906.45 | 0.0 | 5.413e+04 | 5954.87 | -574.08 | -2.409e+04 | 3296.39 | 7.802e+05 |
| | | 7.802e+05 | -5.665e+04 | 5.02e-04 | -153.78 | 92.1 | 5.413e+04 | 5048.43 | -727.86 | -2.409e+04 | -5.665e+04 | 1.128e+06 |
| 280 | 379 | 1.114e+06 | 1906.53 | -0.04 | -906.45 | 0.0 | 5.405e+04 | 5923.26 | -587.65 | -2.405e+04 | 1906.53 | 7.691e+05 |
| | | 7.691e+05 | -5.221e+04 | 5.35e-04 | 0.0 | 92.1 | 5.405e+04 | 5016.82 | -587.65 | -2.405e+04 | -5.221e+04 | 1.114e+06 |
| 280 | 386 | 3.563e+06 | -1.370e+04 | -0.10 | -906.45 | 0.0 | 1.127e+05 | 1.460e+04 | -1385.07 | -1.319e+05 | -1.370e+04 | 2.644e+06 |
| | | 2.644e+06 | -1.455e+05 | 1.47e-03 | -92.27 | 92.1 | 1.127e+05 | 1.370e+04 | -1477.34 | -1.319e+05 | -1.455e+05 | 3.563e+06 |
| 280 | 391 | 1.138e+06 | 2870.80 | -0.04 | -906.45 | 0.0 | 4.757e+04 | 5475.53 | -447.67 | -243.25 | 2870.80 | 8.194e+05 |
| | | 8.194e+05 | -3.835e+04 | 3.69e-04 | 0.0 | 92.1 | 4.757e+04 | 4569.08 | -447.67 | -243.25 | -3.835e+04 | 1.138e+06 |
| 280 | 405 | 1.141e+06 | 3249.15 | -0.04 | -906.45 | 0.0 | 5.345e+04 | 5926.00 | -573.53 | -2.238e+04 | 3249.15 | 7.940e+05 |
| | | 7.940e+05 | -4.956e+04 | 4.43e-04 | 0.0 | 92.1 | 5.345e+04 | 5019.56 | -573.53 | -2.238e+04 | -4.956e+04 | 1.141e+06 |
| 280 | 406 | 2.881e+06 | -7767.88 | -0.08 | -906.45 | 0.0 | 9.252e+04 | 1.188e+04 | -1051.32 | -7.814e+04 | -7767.88 | 2.881e+06 |
| | | 2.881e+06 | -1.046e+05 | 1.04e-03 | 0.0 | 92.1 | 9.252e+04 | 1.098e+04 | -1051.32 | -7.814e+04 | -1.046e+05 | 2.881e+06 |
| 280 | 407 | 1.138e+06 | 2870.80 | -0.04 | -906.45 | 0.0 | 4.757e+04 | 5475.53 | -447.67 | -243.25 | 2870.80 | 8.194e+05 |
| | | 8.194e+05 | -3.835e+04 | 3.69e-04 | 0.0 | 92.1 | 4.757e+04 | 4569.08 | -447.67 | -243.25 | -3.835e+04 | 1.138e+06 |
| 280 | 408 | 1.578e+06 | 4238.75 | -0.05 | -906.45 | 0.0 | 2.955e+04 | 6786.83 | -309.12 | 8666.98 | 4238.75 | 1.147e+06 |
| | | 1.147e+06 | -2.426e+04 | 1.56e-04 | 0.0 | 92.1 | 2.955e+04 | 5880.38 | -309.12 | 8666.98 | -2.426e+04 | 1.578e+06 |
| 280 | 411 | 6.990e+05 | 1502.85 | -0.02 | -906.45 | 0.0 | 6.559e+04 | 4164.23 | -586.22 | -9153.47 | 1502.85 | 4.922e+05 |
| | | 4.922e+05 | -5.244e+04 | 5.87e-04 | 0.0 | 92.1 | 6.559e+04 | 3257.78 | -586.22 | -9153.47 | -5.244e+04 | 6.990e+05 |
| 280 | 412 | 1.580e+06 | 3212.34 | -0.05 | -906.45 | 0.0 | 3.051e+04 | 6822.53 | -313.72 | 6809.46 | 3212.34 | 1.148e+06 |
| | | 1.148e+06 | -2.571e+04 | 2.68e-04 | 0.0 | 92.1 | 3.051e+04 | 5916.09 | -313.72 | 6809.46 | -2.571e+04 | 1.580e+06 |
| 280 | 415 | 6.968e+05 | 2529.26 | -0.02 | -906.45 | 0.0 | 6.463e+04 | 4128.52 | -581.62 | -7295.96 | 2529.26 | 4.905e+05 |
| | | 4.905e+05 | -5.099e+04 | 4.72e-04 | 0.0 | 92.1 | 6.463e+04 | 3222.08 | -581.62 | -7295.96 | -5.099e+04 | 6.968e+05 |
| 280 | 427 | 9.813e+05 | -7785.41 | -0.03 | -906.45 | 0.0 | 5.759e+04 | 5329.88 | -549.52 | -1.295e+04 | -7785.41 | 6.917e+05 |
| | | 6.917e+05 | -5.807e+04 | 1.37e-03 | 0.0 | 92.1 | 5.759e+04 | 4423.44 | -549.52 | -1.295e+04 | -5.807e+04 | 9.813e+05 |
| 280 | 430 | 1.037e+06 | 1.478e+04 | -0.03 | -906.45 | 0.0 | 4.736e+04 | 4789.43 | -417.05 | 9180.63 | 1.478e+04 | 5.770e+05 |
| | | 5.770e+05 | -2.397e+04 | -6.82e-04 | 0.0 | 92.1 | 4.736e+04 | 3882.98 | -417.05 | 9180.63 | -2.397e+04 | 1.037e+06 |
| 280 | 440 | 1.367e+06 | 2899.43 | -0.04 | -906.45 | 0.0 | 3.886e+04 | 6166.75 | -379.05 | 3792.14 | 2899.43 | 9.901e+05 |
| | | 9.901e+05 | -3.206e+04 | 3.22e-04 | 0.0 | 92.1 | 3.886e+04 | 5260.30 | -379.05 | 3792.14 | -3.206e+04 | 1.367e+06 |
| 280 | 443 | 9.099e+05 | 2842.17 | -0.03 | -906.45 | 0.0 | 5.628e+04 | 4784.30 | -516.29 | -4278.64 | 2842.17 | 6.487e+05 |
| | | 6.487e+05 | -4.464e+04 | 4.17e-04 | 0.0 | 92.1 | 5.628e+04 | 3877.86 | -516.29 | -4278.64 | -4.464e+04 | 9.099e+05 |
| 280 | 467 | 1.055e+06 | -702.95 | -0.03 | -906.45 | 0.0 | 5.101e+04 | 5338.30 | -490.82 | -3486.26 | -702.95 | 7.517e+05 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|------------|----------|----------|------------|------------|-----------|
| | | 7.517e+05 | -4.574e+04 | 6.54e-04 | 0.0 | 92.1 | 5.101e+04 | 4431.86 | -490.82 | -3486.26 | -4.574e+04 | 1.055e+06 |
| 280 | 470 | 1.090e+06 | 7076.93 | -0.04 | -906.45 | 0.0 | 4.910e+04 | 5189.79 | -440.43 | 1327.17 | 7076.93 | 7.898e+05 |
| | | 7.898e+05 | -3.365e+04 | 1.06e-04 | 0.0 | 92.1 | 4.910e+04 | 4283.35 | -440.43 | 1327.17 | -3.365e+04 | 1.090e+06 |
| 281 | 28 | 2.154e+05 | 5.348e+04 | 0.03 | -393.75 | 0.0 | -5081.59 | -15.49 | -1336.97 | 2.958e+04 | 5.348e+04 | 2.154e+05 |
| | | 2.904e+04 | 0.04 | -3.78e-04 | 0.0 | 40.0 | -5081.59 | -409.24 | -1336.97 | 2.958e+04 | 0.04 | 2.904e+04 |
| 281 | 249 | 4.544e+05 | 1.119e+05 | 0.09 | -531.56 | 0.0 | -1.062e+04 | -282.28 | -2827.38 | 6.695e+04 | 1.119e+05 | 4.544e+05 |
| | | 6.347e+04 | 0.09 | -9.31e-04 | 60.12 | 40.0 | -1.062e+04 | -813.84 | -2767.26 | 6.695e+04 | 0.09 | 6.347e+04 |
| 281 | 274 | 2.023e+05 | 5.067e+04 | 0.02 | -393.75 | 0.0 | -4790.23 | 16.92 | -1266.86 | 2.682e+04 | 5.067e+04 | 2.023e+05 |
| | | 2.725e+04 | 0.03 | -3.35e-04 | 0.0 | 40.0 | -4790.23 | -376.83 | -1266.86 | 2.682e+04 | 0.03 | 2.725e+04 |
| 281 | 385 | 3.343e+05 | 8.203e+04 | 0.07 | -393.75 | 0.0 | -7818.35 | -206.21 | -2070.74 | 4.910e+04 | 8.203e+04 | 3.343e+05 |
| | | 4.659e+04 | 0.06 | -6.76e-04 | 40.08 | 40.0 | -7818.35 | -599.96 | -2030.66 | 4.910e+04 | 0.06 | 4.659e+04 |
| 281 | 391 | 1.588e+05 | 3.916e+04 | 0.02 | -393.75 | 0.0 | -3755.42 | 59.76 | -978.89 | 1.909e+04 | 3.916e+04 | 1.588e+05 |
| | | 2.053e+04 | 0.02 | -1.99e-04 | 0.0 | 40.0 | -3755.42 | -333.99 | -978.89 | 1.909e+04 | 0.02 | 2.053e+04 |
| 281 | 406 | 2.532e+05 | 6.051e+04 | 0.05 | -393.75 | 0.0 | -5910.28 | -109.28 | -1512.84 | 3.449e+04 | 6.051e+04 | 2.532e+05 |
| | | 3.391e+04 | 0.04 | -4.13e-04 | 0.0 | 40.0 | -5910.28 | -503.03 | -1512.84 | 3.449e+04 | 0.04 | 3.391e+04 |
| 281 | 407 | 1.588e+05 | 3.916e+04 | 0.02 | -393.75 | 0.0 | -3755.42 | 59.76 | -978.89 | 1.909e+04 | 3.916e+04 | 1.588e+05 |
| | | 2.053e+04 | 0.02 | -1.99e-04 | 0.0 | 40.0 | -3755.42 | -333.99 | -978.89 | 1.909e+04 | 0.02 | 2.053e+04 |
| 281 | 424 | 1.388e+05 | 1.372e+04 | 0.03 | -393.75 | 0.0 | -3369.48 | 174.67 | -343.04 | 3811.34 | 1.372e+04 | 1.388e+05 |
| | | 4834.51 | -2.16e-03 | 4.34e-04 | 0.0 | 40.0 | -3369.48 | -219.08 | -343.04 | 3811.34 | -2.16e-03 | 4834.51 |
| 281 | 427 | 1.787e+05 | 6.459e+04 | 0.02 | -393.75 | 0.0 | -4141.36 | -55.15 | -1614.73 | 3.437e+04 | 6.459e+04 | 1.787e+05 |
| | | 3.622e+04 | 0.05 | -8.32e-04 | 0.0 | 40.0 | -4141.36 | -448.90 | -1614.73 | 3.437e+04 | 0.05 | 3.622e+04 |
| 281 | 428 | 1.385e+05 | 1.390e+04 | 0.03 | -393.75 | 0.0 | -3363.54 | 176.23 | -347.61 | 3929.76 | 1.390e+04 | 1.385e+05 |
| | | 4569.10 | -2.02e-03 | 4.30e-04 | 0.0 | 40.0 | -3363.54 | -217.52 | -347.61 | 3929.76 | -2.02e-03 | 4569.10 |
| 281 | 431 | 1.791e+05 | 6.441e+04 | 0.02 | -393.75 | 0.0 | -4147.30 | -56.71 | -1610.17 | 3.425e+04 | 6.441e+04 | 1.791e+05 |
| | | 3.648e+04 | 0.05 | -8.28e-04 | 0.0 | 40.0 | -4147.30 | -450.46 | -1610.17 | 3.425e+04 | 0.05 | 3.648e+04 |
| 281 | 456 | 1.485e+05 | 2.685e+04 | 0.02 | -393.75 | 0.0 | -3567.82 | 126.96 | -671.35 | 1.159e+04 | 2.685e+04 | 1.485e+05 |
| | | 1.275e+04 | 0.01 | 8.09e-05 | 0.0 | 40.0 | -3567.82 | -266.79 | -671.35 | 1.159e+04 | 0.01 | 1.275e+04 |
| 281 | 459 | 1.690e+05 | 5.146e+04 | 0.02 | -393.75 | 0.0 | -3943.03 | -7.45 | -1286.42 | 2.659e+04 | 5.146e+04 | 1.690e+05 |
| | | 2.830e+04 | 0.03 | -4.79e-04 | 0.0 | 40.0 | -3943.03 | -401.20 | -1286.42 | 2.659e+04 | 0.03 | 2.830e+04 |
| 281 | 460 | 1.484e+05 | 2.695e+04 | 0.02 | -393.75 | 0.0 | -3564.98 | 127.72 | -673.64 | 1.165e+04 | 2.695e+04 | 1.484e+05 |
| | | 1.263e+04 | 0.01 | 7.91e-05 | 0.0 | 40.0 | -3564.98 | -266.03 | -673.64 | 1.165e+04 | 0.01 | 1.263e+04 |
| 281 | 463 | 1.692e+05 | 5.137e+04 | 0.02 | -393.75 | 0.0 | -3945.87 | -8.20 | -1284.13 | 2.653e+04 | 5.137e+04 | 1.692e+05 |
| | | 2.842e+04 | 0.03 | -4.77e-04 | 0.0 | 40.0 | -3945.87 | -401.95 | -1284.13 | 2.653e+04 | 0.03 | 2.842e+04 |
| 282 | 14 | 2.694e+05 | -6.72e-03 | 0.07 | -393.75 | 0.0 | -6007.84 | -373.60 | 825.36 | -3315.41 | -3.301e+04 | 2.694e+05 |
| | | 3.506e+04 | -3.301e+04 | 1.48e-04 | 0.0 | 40.0 | -6007.84 | -767.35 | 825.36 | -3315.41 | -6.72e-03 | 3.506e+04 |
| 282 | 26 | 2.166e+05 | -9.31e-03 | 0.02 | -393.75 | 0.0 | -4940.38 | -189.94 | 700.01 | -7469.30 | -2.800e+04 | 2.166e+05 |
| | | 2.923e+04 | -2.800e+04 | 1.93e-04 | 0.0 | 40.0 | -4940.38 | -583.69 | 700.01 | -7469.30 | -9.31e-03 | 2.923e+04 |
| 282 | 28 | 2.143e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -4906.95 | -169.75 | 736.93 | -9760.43 | -2.948e+04 | 2.143e+05 |
| | | 2.950e+04 | -2.948e+04 | 2.09e-04 | 0.0 | 40.0 | -4906.95 | -563.50 | 736.93 | -9760.43 | -0.01 | 2.950e+04 |
| 282 | 231 | 4.227e+05 | -0.02 | 0.03 | -531.56 | 0.0 | -9557.70 | -573.86 | 1528.38 | -2.097e+04 | -6.114e+04 | 4.227e+05 |
| | | 5.774e+04 | -6.114e+04 | 4.14e-04 | 0.0 | 40.0 | -9557.70 | -1105.43 | 1528.38 | -2.097e+04 | -0.02 | 5.774e+04 |
| 282 | 249 | 4.342e+05 | -0.01 | 0.09 | -531.56 | 0.0 | -9728.41 | -639.87 | 1470.57 | -1.074e+04 | -5.882e+04 | 4.342e+05 |
| | | 5.707e+04 | -5.882e+04 | 2.85e-04 | 0.0 | 40.0 | -9728.41 | -1171.44 | 1470.57 | -1.074e+04 | -0.01 | 5.707e+04 |
| 282 | 265 | 2.443e+05 | -8.04e-03 | 0.06 | -393.75 | 0.0 | -5455.29 | -316.25 | 789.74 | -5704.85 | -3.159e+04 | 2.443e+05 |
| | | 3.206e+04 | -3.159e+04 | 1.67e-04 | 0.0 | 40.0 | -5455.29 | -710.00 | 789.74 | -5704.85 | -8.04e-03 | 3.206e+04 |
| 282 | 273 | 2.055e+05 | -9.79e-03 | 0.02 | -393.75 | 0.0 | -4673.70 | -180.08 | 688.11 | -8524.72 | -2.752e+04 | 2.055e+05 |
| | | 2.780e+04 | -2.752e+04 | 1.98e-04 | 0.0 | 40.0 | -4673.70 | -573.83 | 688.11 | -8524.72 | -9.79e-03 | 2.780e+04 |
| 282 | 274 | 2.040e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -4651.42 | -166.62 | 712.72 | -1.005e+04 | -2.851e+04 | 2.040e+05 |
| | | 2.798e+04 | -2.851e+04 | 2.09e-04 | 0.0 | 40.0 | -4651.42 | -560.37 | 712.72 | -1.005e+04 | -0.01 | 2.798e+04 |
| 282 | 376 | 3.116e+05 | -0.02 | 0.02 | -393.75 | 0.0 | -7048.78 | -418.32 | 1131.44 | -1.566e+04 | -4.526e+04 | 3.116e+05 |
| | | 4.261e+04 | -4.526e+04 | 3.07e-04 | 0.0 | 40.0 | -7048.78 | -812.07 | 1131.44 | -1.566e+04 | -0.02 | 4.261e+04 |
| 282 | 385 | 3.200e+05 | -0.01 | 0.06 | -393.75 | 0.0 | -7173.74 | -466.32 | 1090.26 | -8181.41 | -4.361e+04 | 3.200e+05 |
| | | 4.213e+04 | -4.361e+04 | 2.12e-04 | 0.0 | 40.0 | -7173.74 | -860.07 | 1090.26 | -8181.41 | -0.01 | 4.213e+04 |
| 282 | 391 | 1.659e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -3772.51 | -106.52 | 601.60 | -1.066e+04 | -2.406e+04 | 1.659e+05 |
| | | 2.297e+04 | -2.406e+04 | 1.95e-04 | 0.0 | 40.0 | -3772.51 | -500.27 | 601.60 | -1.066e+04 | -0.01 | 2.297e+04 |
| 282 | 393 | 1.677e+05 | -9.17e-03 | 0.02 | -393.75 | 0.0 | -3805.51 | -118.18 | 560.64 | -8789.23 | -2.243e+04 | 1.677e+05 |
| | | 2.290e+04 | -2.243e+04 | 1.82e-04 | 0.0 | 40.0 | -3805.51 | -511.93 | 560.64 | -8789.23 | -9.17e-03 | 2.290e+04 |
| 282 | 394 | 2.340e+05 | -9.79e-03 | 0.06 | -393.75 | 0.0 | -5251.44 | -268.59 | 817.55 | -8006.31 | -3.270e+04 | 2.340e+05 |
| | | 3.129e+04 | -3.270e+04 | 1.76e-04 | 0.0 | 40.0 | -5251.44 | -662.34 | 817.55 | -8006.31 | -9.12e-03 | 3.129e+04 |
| 282 | 405 | 2.451e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -5531.84 | -299.44 | 913.31 | -1.518e+04 | -3.653e+04 | 2.451e+05 |
| | | 3.376e+04 | -3.653e+04 | 2.71e-04 | 0.0 | 40.0 | -5531.84 | -693.19 | 913.31 | -1.518e+04 | -0.01 | 3.376e+04 |
| 282 | 406 | 2.508e+05 | -0.01 | 0.05 | -393.75 | 0.0 | -5615.53 | -329.39 | 893.50 | -1.026e+04 | -3.574e+04 | 2.508e+05 |
| | | 3.348e+04 | -3.574e+04 | 2.05e-04 | 0.0 | 40.0 | -5615.53 | -723.14 | 893.50 | -1.026e+04 | -0.01 | 3.348e+04 |
| 282 | 407 | 1.659e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -3772.51 | -106.52 | 601.60 | -1.066e+04 | -2.406e+04 | 1.659e+05 |
| | | 2.297e+04 | -2.406e+04 | 1.95e-04 | 0.0 | 40.0 | -3772.51 | -500.27 | 601.60 | -1.066e+04 | -0.01 | 2.297e+04 |
| 282 | 409 | 1.503e+05 | -3.86e-03 | 0.03 | -393.75 | 0.0 | -3480.35 | 9.38 | 421.65 | -4845.02 | -1.687e+04 | 1.503e+05 |
| | | 1.081e+04 | -1.687e+04 | -9.34e-05 | 0.0 | 40.0 | -3480.35 | -384.37 | 421.65 | -4845.02 | -3.86e-03 | 1.081e+04 |
| 282 | 410 | 1.815e+05 | -0.02 | 0.01 | -393.75 | 0.0 | -4064.68 | -222.42 | 781.55 | -1.647e+04 | -3.126e+04 | 1.815e+05 |
| | | 3.512e+04 | -3.126e+04 | 4.84e-04 | 0.0 | 40.0 | -4064.68 | -616.17 | 781.55 | -1.647e+04 | -0.02 | 3.512e+04 |
| 282 | 417 | 1.502e+05 | -3.71e-03 | 0.03 | -393.75 | 0.0 | -3482.15 | 13.15 | 411.75 | -4265.99 | -1.647e+04 | 1.502e+05 |
| | | 1.086e+04 | -1.647e+04 | -9.65e-05 | 0.0 | 40.0 | -3482.15 | -380.60 | 411.75 | -4265.99 | -3.71e-03 | 1.086e+04 |
| 282 | 418 | 1.816e+05 | -0.02 | 0.01 | -393.75 | 0.0 | -4062.87 | -226.19 | 791.44 | -1.705e+04 | -3.166e+04 | 1.816e+05 |
| | | 3.507e+04 | -3.166e+04 | 4.87e-04 | 0.0 | 40.0 | -4062.87 | -619.94 | 791.44 | -1.705e+04 | -0.02 | 3.507e+04 |
| 282 | 430 | 1.773e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -3922.04 | -243.82 | 1074.51 | -2.028e+04 | -4.298e+04 | 1.773e+05 |
| | | 2.954e+04 | -4.298e+04 | 3.43e-04 | 0.0 | 40.0 | -3922.04 | -637.57 | 1074.51 | -2.028e+04 | -0.01 | 2.954e+04 |
| 282 | 441 | 1.580e+05 | -7.14e-03 | 0.03 | -393.75 | 0.0 | -3618.69 | -50.93 | 515.97 | -7894.33 | -2.064e+04 | 1.580e+05 |
| | | 1.660e+04 | -2.064e+04 | 5.13e-05 | 0.0 | 40.0 | -3618.69 | -444.68 | 515.97 | -7894.33 | -7.14e-03 | 1.660e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|----------|----------|------------|------------|-----------|
| 282 | 442 | 1.737e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -3926.34 | -162.11 | 687.22 | -1.342e+04 | -2.749e+04 | 1.737e+05 |
| | | 2.933e+04 | -2.749e+04 | 3.40e-04 | 0.0 | 40.0 | -3926.34 | -555.86 | 687.22 | -1.342e+04 | -0.01 | 2.933e+04 |
| 282 | 449 | 1.580e+05 | -7.07e-03 | 0.03 | -393.75 | 0.0 | -3619.57 | -49.04 | 511.09 | -7604.36 | -2.044e+04 | 1.580e+05 |
| | | 1.663e+04 | -2.044e+04 | 4.98e-05 | 0.0 | 40.0 | -3619.57 | -442.79 | 511.09 | -7604.36 | -7.07e-03 | 1.663e+04 |
| 282 | 450 | 1.737e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -3925.45 | -164.00 | 692.11 | -1.371e+04 | -2.768e+04 | 1.737e+05 |
| | | 2.931e+04 | -2.768e+04 | 3.41e-04 | 0.0 | 40.0 | -3925.45 | -557.75 | 692.11 | -1.371e+04 | -0.01 | 2.931e+04 |
| 282 | 462 | 1.717e+05 | -0.01 | 0.02 | -393.75 | 0.0 | -3874.71 | -166.56 | 822.45 | -1.496e+04 | -3.290e+04 | 1.717e+05 |
| | | 2.729e+04 | -3.290e+04 | 2.68e-04 | 0.0 | 40.0 | -3874.71 | -560.31 | 822.45 | -1.496e+04 | -0.01 | 2.729e+04 |
| 283 | 28 | 2.031e+05 | 3.106e+04 | 0.02 | -393.75 | 0.0 | -4603.21 | -200.63 | -776.57 | 1.783e+04 | 3.106e+04 | 2.031e+05 |
| | | 2.882e+04 | 0.02 | -2.90e-04 | 0.0 | 40.0 | -4603.21 | -594.38 | -776.57 | 1.783e+04 | 0.02 | 2.882e+04 |
| 283 | 34 | 2.005e+05 | 3.310e+04 | 0.02 | -393.75 | 0.0 | -4565.46 | -177.29 | -827.62 | 2.069e+04 | 3.310e+04 | 2.005e+05 |
| | | 2.913e+04 | 0.02 | -3.08e-04 | 0.0 | 40.0 | -4565.46 | -571.04 | -827.62 | 2.069e+04 | 0.02 | 2.913e+04 |
| 283 | 229 | 3.981e+05 | 5.811e+04 | 0.03 | -531.56 | 0.0 | -8874.85 | -663.31 | -1452.63 | 3.429e+04 | 5.811e+04 | 3.981e+05 |
| | | 5.588e+04 | 0.03 | -5.70e-04 | 0.0 | 40.0 | -8874.85 | -1194.87 | -1452.63 | 3.429e+04 | 0.03 | 5.588e+04 |
| 283 | 231 | 3.994e+05 | 5.722e+04 | 0.03 | -531.56 | 0.0 | -8894.95 | -675.43 | -1430.49 | 3.291e+04 | 5.722e+04 | 3.994e+05 |
| | | 5.571e+04 | 0.03 | -5.60e-04 | 0.0 | 40.0 | -8894.95 | -1206.99 | -1430.49 | 3.291e+04 | 0.03 | 5.571e+04 |
| 283 | 274 | 1.959e+05 | 2.941e+04 | 0.02 | -393.75 | 0.0 | -4431.61 | -190.71 | -735.32 | 1.577e+04 | 2.941e+04 | 1.959e+05 |
| | | 2.748e+04 | 0.01 | -2.66e-04 | 0.0 | 40.0 | -4431.61 | -584.46 | -735.32 | 1.577e+04 | 0.01 | 2.748e+04 |
| 283 | 277 | 1.942e+05 | 3.078e+04 | 0.02 | -393.75 | 0.0 | -4406.29 | -175.09 | -769.54 | 1.768e+04 | 3.078e+04 | 1.942e+05 |
| | | 2.770e+04 | 0.02 | -2.79e-04 | 0.0 | 40.0 | -4406.29 | -568.84 | -769.54 | 1.768e+04 | 0.02 | 2.770e+04 |
| 283 | 375 | 2.937e+05 | 4.263e+04 | 0.02 | -393.75 | 0.0 | -6550.63 | -487.28 | -1065.82 | 2.509e+04 | 4.263e+04 | 2.937e+05 |
| | | 4.122e+04 | 0.02 | -4.19e-04 | 0.0 | 40.0 | -6550.63 | -881.03 | -1065.82 | 2.509e+04 | 0.02 | 4.122e+04 |
| 283 | 376 | 2.946e+05 | 4.204e+04 | 0.02 | -393.75 | 0.0 | -6564.03 | -495.36 | -1051.06 | 2.417e+04 | 4.204e+04 | 2.946e+05 |
| | | 4.111e+04 | 0.02 | -4.12e-04 | 0.0 | 40.0 | -6564.03 | -889.11 | -1051.06 | 2.417e+04 | 0.02 | 4.111e+04 |
| 283 | 391 | 1.659e+05 | 2.406e+04 | 0.02 | -393.75 | 0.0 | -3772.51 | -106.52 | -601.60 | 1.066e+04 | 2.406e+04 | 1.659e+05 |
| | | 2.297e+04 | 0.01 | -1.95e-04 | 0.0 | 40.0 | -3772.51 | -500.27 | -601.60 | 1.066e+04 | 0.01 | 2.297e+04 |
| 283 | 393 | 1.641e+05 | 2.570e+04 | 0.02 | -393.75 | 0.0 | -3739.50 | -94.86 | -642.55 | 1.252e+04 | 2.570e+04 | 1.641e+05 |
| | | 2.303e+04 | 0.01 | -2.09e-04 | 0.0 | 40.0 | -3739.50 | -488.61 | -642.55 | 1.252e+04 | 0.01 | 2.303e+04 |
| 283 | 405 | 2.397e+05 | 3.332e+04 | 0.02 | -393.75 | 0.0 | -5361.84 | -338.96 | -833.03 | 1.638e+04 | 3.332e+04 | 2.397e+05 |
| | | 3.301e+04 | 0.02 | -2.99e-04 | 0.0 | 40.0 | -5361.84 | -732.71 | -833.03 | 1.638e+04 | 0.02 | 3.301e+04 |
| 283 | 407 | 1.659e+05 | 2.406e+04 | 0.02 | -393.75 | 0.0 | -3772.51 | -106.52 | -601.60 | 1.066e+04 | 2.406e+04 | 1.659e+05 |
| | | 2.297e+04 | 0.01 | -1.95e-04 | 0.0 | 40.0 | -3772.51 | -500.27 | -601.60 | 1.066e+04 | 0.01 | 2.297e+04 |
| 283 | 408 | 1.506e+05 | 1.650e+04 | 0.03 | -393.75 | 0.0 | -3488.61 | 10.57 | -412.58 | 4293.30 | 1.650e+04 | 1.506e+05 |
| | | 1.117e+04 | 3.77e-03 | 9.39e-05 | 0.0 | 40.0 | -3488.61 | -383.18 | -412.58 | 4293.30 | 3.77e-03 | 1.117e+04 |
| 283 | 415 | 1.819e+05 | 2.980e+04 | 0.01 | -393.75 | 0.0 | -4071.59 | -222.84 | -745.11 | 1.594e+04 | 2.980e+04 | 1.819e+05 |
| | | 3.546e+04 | 0.02 | -4.83e-04 | 0.0 | 40.0 | -4071.59 | -616.59 | -745.11 | 1.594e+04 | 0.02 | 3.546e+04 |
| 283 | 420 | 1.499e+05 | 1.871e+04 | 0.03 | -393.75 | 0.0 | -3472.81 | 7.68 | -467.63 | 5970.37 | 1.871e+04 | 1.499e+05 |
| | | 1.046e+04 | 4.11e-03 | 8.99e-05 | 0.0 | 40.0 | -3472.81 | -386.07 | -467.63 | 5970.37 | 4.11e-03 | 1.046e+04 |
| 283 | 423 | 1.818e+05 | 2.942e+04 | 0.01 | -393.75 | 0.0 | -4072.22 | -220.73 | -735.57 | 1.534e+04 | 2.942e+04 | 1.818e+05 |
| | | 3.547e+04 | 0.02 | -4.80e-04 | 0.0 | 40.0 | -4072.22 | -614.48 | -735.57 | 1.534e+04 | 0.02 | 3.547e+04 |
| 283 | 427 | 1.758e+05 | 4.289e+04 | 0.02 | -393.75 | 0.0 | -3898.76 | -237.67 | -1072.19 | 2.014e+04 | 4.289e+04 | 1.758e+05 |
| | | 2.845e+04 | 0.01 | -3.34e-04 | 0.0 | 40.0 | -3898.76 | -631.42 | -1072.19 | 2.014e+04 | 0.01 | 2.845e+04 |
| 283 | 440 | 1.578e+05 | 2.044e+04 | 0.03 | -393.75 | 0.0 | -3620.83 | -46.08 | -511.10 | 7508.61 | 2.044e+04 | 1.578e+05 |
| | | 1.663e+04 | 7.01e-03 | -5.04e-05 | 0.0 | 40.0 | -3620.83 | -439.83 | -511.10 | 7508.61 | 7.01e-03 | 1.663e+04 |
| 283 | 443 | 1.740e+05 | 2.768e+04 | 0.02 | -393.75 | 0.0 | -3924.19 | -166.96 | -692.10 | 1.380e+04 | 2.768e+04 | 1.740e+05 |
| | | 2.930e+04 | 0.01 | -3.40e-04 | 0.0 | 40.0 | -3924.19 | -690.71 | -692.10 | 1.380e+04 | 0.01 | 2.930e+04 |
| 283 | 448 | 1.578e+05 | 2.063e+04 | 0.03 | -393.75 | 0.0 | -3620.52 | -47.16 | -515.82 | 7808.83 | 2.063e+04 | 1.578e+05 |
| | | 1.662e+04 | 7.09e-03 | -5.20e-05 | 0.0 | 40.0 | -3620.52 | -440.91 | -515.82 | 7808.83 | 7.09e-03 | 1.662e+04 |
| 283 | 451 | 1.740e+05 | 2.750e+04 | 0.02 | -393.75 | 0.0 | -3924.51 | -165.88 | -687.39 | 1.350e+04 | 2.750e+04 | 1.740e+05 |
| | | 2.931e+04 | 0.01 | -3.39e-04 | 0.0 | 40.0 | -3924.51 | -559.63 | -687.39 | 1.350e+04 | 0.01 | 2.931e+04 |
| 283 | 459 | 1.726e+05 | 3.291e+04 | 0.02 | -393.75 | 0.0 | -3869.66 | -177.63 | -822.62 | 1.526e+04 | 3.291e+04 | 1.726e+05 |
| | | 2.724e+04 | 0.01 | -2.66e-04 | 0.0 | 40.0 | -3869.66 | -571.38 | -822.62 | 1.526e+04 | 0.01 | 2.724e+04 |
| 284 | 2 | 2.165e+05 | 0.02 | 0.08 | -393.75 | 0.0 | -4545.53 | -396.56 | 950.83 | -7524.16 | -3.803e+04 | 2.165e+05 |
| | | 1.374e+04 | -3.803e+04 | -5.12e-04 | 0.0 | 40.0 | -4545.53 | -790.31 | 950.83 | -7524.16 | 0.02 | 1.374e+04 |
| 284 | 14 | 1.796e+05 | 0.02 | 0.06 | -393.75 | 0.0 | -3879.05 | -213.58 | 813.44 | -7910.43 | -3.254e+04 | 1.796e+05 |
| | | 1.311e+04 | -3.254e+04 | -3.63e-04 | 0.0 | 40.0 | -3879.05 | -607.33 | 813.44 | -7910.43 | 0.02 | 1.311e+04 |
| 284 | 231 | 3.718e+05 | -0.04 | 0.03 | -531.56 | 0.0 | -8404.17 | -430.51 | 2181.67 | -4.072e+04 | -8.606e+04 | 3.718e+05 |
| | | 4.363e+04 | -8.606e+04 | 3.42e-04 | -60.12 | 40.0 | -8404.17 | -962.07 | 2121.55 | -4.072e+04 | -0.04 | 4.363e+04 |
| 284 | 261 | 2.061e+05 | 8.66e-03 | 0.06 | -393.75 | 0.0 | -4463.34 | -269.35 | 1049.89 | -1.156e+04 | -4.119e+04 | 2.061e+05 |
| | | 1.676e+04 | -4.119e+04 | -2.86e-04 | -40.08 | 40.0 | -4463.34 | -663.10 | 1009.81 | -1.156e+04 | 8.66e-03 | 1.676e+04 |
| 284 | 265 | 1.782e+05 | 3.27e-03 | 0.05 | -393.75 | 0.0 | -3954.09 | -134.83 | 908.68 | -1.180e+04 | -3.635e+04 | 1.782e+05 |
| | | 1.605e+04 | -3.635e+04 | -1.85e-04 | 0.0 | 40.0 | -3954.09 | -528.58 | 908.68 | -1.180e+04 | 3.27e-03 | 1.605e+04 |
| 284 | 376 | 2.746e+05 | -0.03 | 0.02 | -393.75 | 0.0 | -6204.28 | -318.62 | 1607.85 | -3.021e+04 | -6.351e+04 | 2.746e+05 |
| | | 3.222e+04 | -6.351e+04 | 2.56e-04 | -40.08 | 40.0 | -6204.28 | -712.37 | 1567.77 | -3.021e+04 | -0.03 | 3.222e+04 |
| 284 | 393 | 1.529e+05 | -0.02 | 0.02 | -393.75 | 0.0 | -3622.95 | 71.03 | 912.51 | -1.678e+04 | -3.650e+04 | 1.529e+05 |
| | | 1.909e+04 | -3.650e+04 | 1.29e-04 | 0.0 | 40.0 | -3622.95 | -322.72 | 912.51 | -1.678e+04 | -0.02 | 1.909e+04 |
| 284 | 394 | 1.787e+05 | -2.28e-03 | 0.05 | -393.75 | 0.0 | -3972.31 | -126.51 | 954.72 | -1.385e+04 | -3.819e+04 | 1.787e+05 |
| | | 1.709e+04 | -3.819e+04 | -1.05e-04 | 0.0 | 40.0 | -3972.31 | -520.26 | 954.72 | -1.385e+04 | -2.28e-03 | 1.709e+04 |
| 284 | 405 | 2.289e+05 | -0.03 | 0.02 | -393.75 | 0.0 | -5253.61 | -161.43 | 1363.30 | -2.749e+04 | -5.453e+04 | 2.289e+05 |
| | | 2.844e+04 | -5.453e+04 | 2.91e-04 | 0.0 | 40.0 | -5253.61 | -555.18 | 1363.30 | -2.749e+04 | -0.03 | 2.844e+04 |
| 284 | 407 | 1.588e+05 | -0.02 | 0.02 | -393.75 | 0.0 | -3755.42 | 59.76 | 978.89 | -1.909e+04 | -3.916e+04 | 1.588e+05 |
| | | 2.053e+04 | -3.916e+04 | 1.99e-04 | 0.0 | 40.0 | -3755.42 | -333.99 | 978.89 | -1.909e+04 | -0.02 | 2.053e+04 |
| 284 | 425 | 1.371e+05 | 2.37e-03 | 0.03 | -393.75 | 0.0 | -3338.02 | 183.72 | 342.48 | -3771.83 | -1.370e+04 | 1.371e+05 |
| | | 3475.56 | -1.370e+04 | -4.40e-04 | 0.0 | 40.0 | -3338.02 | -210.03 | 342.48 | -3771.83 | 2.37e-03 | 3475.56 |
| 284 | 426 | 1.805e+05 | -0.05 | 0.02 | -393.75 | 0.0 | -4172.83 | -64.20 | 1615.29 | -3.440e+04 | -6.461e+04 | 1.805e+05 |
| | | 3.757e+04 | -6.461e+04 | 8.38e-04 | 0.0 | 40.0 | -4172.83 | -457.95 | 1615.29 | -3.440e+04 | -0.05 | 3.757e+04 |
| 284 | 429 | 1.374e+05 | 2.51e-03 | 0.03 | -393.75 | 0.0 | -3344.18 | 182.42 | 338.06 | -3647.51 | -1.352e+04 | 1.374e+05 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|----------|-------|-----------|------------|---------|------------|------------|------------|
| 286 | 329 | 8.751e+05 | 1.159e+04 | 0.05 | -906.45 | 0.0 | 4.682e+04 | -7146.41 | 130.31 | 1.777e+04 | -406.53 | 8.751e+05 |
| | | 4.143e+05 | -406.53 | -6.69e-04 | 0.0 | 92.1 | 4.682e+04 | -8052.85 | 130.31 | 1.777e+04 | 1.159e+04 | 4.143e+05 |
| 286 | 392 | 8.165e+05 | 1.166e+04 | 0.04 | -906.45 | 0.0 | 4.323e+04 | -6549.50 | 98.07 | -7994.51 | 2628.63 | 8.165e+05 |
| | | 3.896e+05 | 2628.63 | -4.03e-04 | 0.0 | 92.1 | 4.323e+04 | -7455.95 | 98.07 | -7994.51 | 1.166e+04 | 3.896e+05 |
| 286 | 396 | 1.767e+06 | 1.365e+04 | 0.10 | -906.45 | 0.0 | 7.707e+04 | -1.436e+04 | 237.90 | 7.857e+04 | -8258.91 | 1.767e+06 |
| | | 8.659e+05 | -8258.91 | -1.36e-03 | 0.0 | 92.1 | 7.707e+04 | -1.526e+04 | 237.90 | 7.857e+04 | 1.365e+04 | 8.659e+05 |
| 286 | 399 | 7.652e+05 | 1.552e+04 | 0.04 | -906.45 | 0.0 | 4.905e+04 | -7104.86 | 137.48 | 1.712e+04 | 2856.97 | 7.652e+05 |
| | | 3.042e+05 | 2856.97 | -4.01e-04 | 0.0 | 92.1 | 4.905e+04 | -8011.31 | 137.48 | 1.712e+04 | 1.552e+04 | 3.042e+05 |
| 286 | 407 | 8.008e+05 | 1.185e+04 | 0.04 | -906.45 | 0.0 | 4.359e+04 | -6547.48 | 99.72 | -7457.49 | 2669.30 | 8.008e+05 |
| | | 3.736e+05 | 2669.30 | -3.99e-04 | 0.0 | 92.1 | 4.359e+04 | -7453.93 | 99.72 | -7457.49 | 1.185e+04 | 3.736e+05 |
| 286 | 413 | 4.630e+05 | 1.408e+04 | 0.02 | -906.45 | 0.0 | 5.748e+04 | -4826.82 | 130.05 | 4858.26 | 2536.65 | 4.630e+05 |
| | | 1.643e+05 | 2536.65 | -5.99e-04 | 0.0 | 92.1 | 5.748e+04 | -5733.26 | 130.05 | 4858.26 | 1.408e+04 | 1.643e+05 |
| 286 | 414 | 1.139e+06 | 9619.99 | 0.06 | -906.45 | 0.0 | 2.970e+04 | -8268.15 | 69.40 | -1.977e+04 | 2801.95 | 1.139e+06 |
| | | 5.830e+05 | 2801.95 | -1.99e-04 | 0.0 | 92.1 | 2.970e+04 | -9174.60 | 69.40 | -1.977e+04 | 9619.99 | 5.830e+05 |
| 286 | 436 | 7.416e+05 | 1.712e+04 | 0.04 | -906.45 | 0.0 | 4.501e+04 | -5789.64 | 63.09 | -1.256e+04 | 1.058e+04 | 7.416e+05 |
| | | 3.437e+05 | 1.058e+04 | 4.79e-04 | 0.0 | 92.1 | 4.501e+04 | -6696.08 | 63.09 | -1.256e+04 | 1.712e+04 | 3.437e+05 |
| 286 | 439 | 8.600e+05 | 6587.81 | 0.04 | -906.45 | 0.0 | 4.217e+04 | -7305.33 | 136.35 | -2351.36 | -5245.57 | 8.600e+05 |
| | | 4.036e+05 | -5245.57 | -1.28e-03 | 0.0 | 92.1 | 4.217e+04 | -8211.78 | 136.35 | -2351.36 | 6587.81 | 4.036e+05 |
| 286 | 441 | 6.437e+05 | 1.296e+04 | 0.03 | -906.45 | 0.0 | 5.071e+04 | -5685.18 | 114.07 | -1489.94 | 2616.06 | 6.437e+05 |
| | | 2.647e+05 | 2616.06 | -4.94e-04 | 0.0 | 92.1 | 5.071e+04 | -6591.62 | 114.07 | -1489.94 | 1.296e+04 | 2.647e+05 |
| 286 | 442 | 9.578e+05 | 1.075e+04 | 0.05 | -906.45 | 0.0 | 3.647e+04 | -7409.79 | 85.38 | -1.343e+04 | 2722.54 | 9.578e+05 |
| | | 4.826e+05 | 2722.54 | -3.03e-04 | 0.0 | 92.1 | 3.647e+04 | -8316.24 | 85.38 | -1.343e+04 | 1.075e+04 | 4.826e+05 |
| 286 | 443 | 9.778e+05 | 9456.32 | 0.05 | -906.45 | 0.0 | 3.743e+04 | -7501.57 | 96.33 | -1.167e+04 | 544.06 | 9.778e+05 |
| | | 4.696e+05 | 544.06 | -5.61e-04 | 0.0 | 92.1 | 3.743e+04 | -8408.02 | 96.33 | -1.167e+04 | 9456.32 | 4.696e+05 |
| 286 | 460 | 7.176e+05 | 1.455e+04 | 0.04 | -906.45 | 0.0 | 4.394e+04 | -6125.50 | 84.14 | -8948.62 | 6623.59 | 7.176e+05 |
| | | 3.647e+05 | 6623.59 | -3.91e-05 | 0.0 | 92.1 | 4.394e+04 | -7031.95 | 84.14 | -8948.62 | 1.455e+04 | 3.647e+05 |
| 286 | 463 | 8.840e+05 | 9154.38 | 0.04 | -906.45 | 0.0 | 4.324e+04 | -6969.46 | 115.31 | -5966.35 | -1284.99 | 8.840e+05 |
| | | 3.825e+05 | -1284.99 | -8.32e-04 | 0.0 | 92.1 | 4.324e+04 | -7875.91 | 115.31 | -5966.35 | 9154.38 | 3.825e+05 |
| 287 | 46 | 1.293e+06 | 619.09 | -9.51e-03 | -1004.88 | 0.0 | 6.615e+04 | 1607.03 | 13.09 | 3630.82 | -717.21 | 1.293e+06 |
| | | 1.219e+06 | -717.21 | 2.12e-04 | 0.0 | 102.1 | 6.615e+04 | 602.15 | 13.09 | 3630.82 | 619.09 | 1.293e+06 |
| 287 | 47 | 1.820e+06 | 1.122e+04 | -0.01 | -1356.59 | 0.0 | 8.874e+04 | 2193.58 | 164.82 | 1.319e+04 | 5798.18 | 1.716e+06 |
| | | 1.716e+06 | 5798.18 | 1.72e-04 | -255.72 | 102.1 | 8.874e+04 | 836.99 | -90.90 | 1.319e+04 | 9571.43 | 1.820e+06 |
| 287 | 110 | 5.054e+06 | -1.714e+04 | -0.04 | -1004.88 | 0.0 | 1.651e+05 | 6830.40 | 9.99 | 9471.65 | -1.816e+04 | 5.054e+06 |
| | | 4.595e+06 | -1.816e+04 | 8.08e-04 | 0.0 | 102.1 | 1.651e+05 | 5825.52 | 9.99 | 9471.65 | -1.714e+04 | 5.054e+06 |
| 287 | 111 | 5.574e+06 | -8965.96 | -0.04 | -1356.59 | 0.0 | 1.876e+05 | 7415.83 | 107.35 | 1.768e+04 | -1.280e+04 | 5.085e+06 |
| | | 5.085e+06 | -1.280e+04 | 7.86e-04 | -153.43 | 102.1 | 1.876e+05 | 6059.23 | -46.08 | 1.768e+04 | -9671.24 | 5.574e+06 |
| 287 | 158 | 1.410e+06 | -171.96 | -9.83e-03 | -1004.88 | 0.0 | 6.301e+04 | 1541.71 | 15.84 | 5694.74 | -1789.36 | 1.337e+06 |
| | | 1.337e+06 | -1789.36 | 1.29e-04 | 0.0 | 102.1 | 6.301e+04 | 536.83 | 15.84 | 5694.74 | -171.96 | 1.410e+06 |
| 287 | 283 | 1.331e+06 | 4321.35 | -9.65e-03 | -1004.88 | 0.0 | 6.531e+04 | 1618.08 | 20.50 | 7017.65 | 2228.34 | 1.254e+06 |
| | | 1.254e+06 | 2228.34 | 1.56e-04 | 0.0 | 102.1 | 6.531e+04 | 613.19 | 20.50 | 7017.65 | 4321.35 | 1.331e+06 |
| 287 | 284 | 1.343e+06 | 7842.60 | -9.73e-03 | -1004.88 | 0.0 | 6.553e+04 | 1619.95 | 111.13 | 9271.68 | 4151.44 | 1.266e+06 |
| | | 1.266e+06 | 4151.44 | 1.28e-04 | -170.48 | 102.1 | 6.553e+04 | 615.07 | -59.35 | 9271.68 | 6794.23 | 1.343e+06 |
| 287 | 315 | 4.117e+06 | -8852.31 | -0.03 | -1004.88 | 0.0 | 1.386e+05 | 5487.23 | 18.24 | 1.134e+04 | -1.071e+04 | 3.755e+06 |
| | | 3.755e+06 | -1.071e+04 | 5.98e-04 | 0.0 | 102.1 | 1.386e+05 | 4482.35 | 18.24 | 1.134e+04 | -8852.31 | 4.117e+06 |
| 287 | 316 | 4.124e+06 | -6931.98 | -0.03 | -1004.88 | 0.0 | 1.387e+05 | 5488.35 | 72.62 | 1.270e+04 | -9560.84 | 3.762e+06 |
| | | 3.762e+06 | -9560.84 | 5.82e-04 | -102.29 | 102.1 | 1.387e+05 | 4483.47 | -29.67 | 1.270e+04 | -7368.58 | 4.124e+06 |
| 287 | 339 | 1.417e+06 | 3717.56 | -9.88e-03 | -1004.88 | 0.0 | 6.298e+04 | 1569.60 | 22.58 | 8546.65 | 1412.16 | 1.342e+06 |
| | | 1.342e+06 | 1412.16 | 9.54e-05 | 0.0 | 102.1 | 6.298e+04 | 564.72 | 22.58 | 8546.65 | 3717.56 | 1.417e+06 |
| 287 | 391 | 1.329e+06 | 7486.01 | -9.30e-03 | -1004.88 | 0.0 | 5.815e+04 | 1531.03 | 19.82 | 9965.21 | 5462.63 | 1.257e+06 |
| | | 1.257e+06 | 5462.63 | 5.67e-05 | 0.0 | 102.1 | 5.815e+04 | 526.15 | 19.82 | 9965.21 | 7486.01 | 1.329e+06 |
| 287 | 392 | 1.336e+06 | 7470.52 | -9.39e-03 | -1004.88 | 0.0 | 5.798e+04 | 1530.44 | 19.72 | 9985.69 | 5457.59 | 1.264e+06 |
| | | 1.264e+06 | 5457.59 | 5.69e-05 | 0.0 | 102.1 | 5.798e+04 | 525.56 | 19.72 | 9985.69 | 7470.52 | 1.336e+06 |
| 287 | 393 | 1.325e+06 | 5874.05 | -9.28e-03 | -1004.88 | 0.0 | 5.840e+04 | 1532.33 | 19.53 | 9902.28 | 3880.47 | 1.253e+06 |
| | | 1.253e+06 | 3880.47 | 8.57e-05 | 0.0 | 102.1 | 5.840e+04 | 527.45 | 19.53 | 9902.28 | 5874.05 | 1.325e+06 |
| 287 | 399 | 3.322e+06 | -1507.86 | -0.02 | -1004.88 | 0.0 | 1.142e+05 | 4427.92 | 17.00 | 1.273e+04 | -3243.76 | 3.038e+06 |
| | | 3.038e+06 | -3243.76 | 4.08e-04 | 0.0 | 102.1 | 1.142e+05 | 3423.04 | 17.00 | 1.273e+04 | -1507.86 | 3.322e+06 |
| 287 | 407 | 1.329e+06 | 7486.01 | -9.30e-03 | -1004.88 | 0.0 | 5.815e+04 | 1531.03 | 19.82 | 9965.21 | 5462.63 | 1.257e+06 |
| | | 1.257e+06 | 5462.63 | 5.67e-05 | 0.0 | 102.1 | 5.815e+04 | 526.15 | 19.82 | 9965.21 | 7486.01 | 1.329e+06 |
| 287 | 413 | 1.093e+06 | 3987.89 | -7.47e-03 | -1004.88 | 0.0 | 7.074e+04 | 1852.36 | 16.61 | 1.245e+04 | 2014.26 | 1.035e+06 |
| | | 1.035e+06 | 2014.26 | 1.56e-04 | 0.0 | 102.1 | 7.074e+04 | 847.48 | 16.61 | 1.245e+04 | 3987.89 | 1.093e+06 |
| 287 | 414 | 1.566e+06 | 1.098e+04 | -0.01 | -1004.88 | 0.0 | 4.557e+04 | 1209.70 | 23.03 | 7479.62 | 8911.00 | 1.479e+06 |
| | | 1.479e+06 | 8911.00 | -8.76e-05 | 0.0 | 102.1 | 4.557e+04 | 204.82 | 23.03 | 7479.62 | 1.098e+04 | 1.566e+06 |
| 287 | 436 | 1.299e+06 | 2.488e+04 | -8.96e-03 | -1004.88 | 0.0 | 5.541e+04 | 1416.32 | 24.41 | 1.426e+04 | 2.237e+04 | 1.236e+06 |
| | | 1.236e+06 | 2.237e+04 | -3.28e-04 | 0.0 | 102.1 | 5.541e+04 | 411.43 | 24.41 | 1.426e+04 | 2.488e+04 | 1.299e+06 |
| 287 | 439 | 1.359e+06 | -9906.21 | -9.65e-03 | -1004.88 | 0.0 | 6.089e+04 | 1645.74 | 15.23 | 5672.64 | -1.145e+04 | 1.278e+06 |
| | | 1.278e+06 | -1.145e+04 | 3.96e-04 | 0.0 | 102.1 | 6.089e+04 | 640.86 | 15.23 | 5672.64 | -9906.21 | 1.359e+06 |
| 287 | 445 | 1.208e+06 | 5763.93 | -8.37e-03 | -1004.88 | 0.0 | 6.448e+04 | 1691.53 | 18.22 | 1.122e+04 | 3763.86 | 1.143e+06 |
| | | 1.143e+06 | 3763.86 | 1.06e-04 | 0.0 | 102.1 | 6.448e+04 | 686.65 | 18.22 | 1.122e+04 | 5763.93 | 1.208e+06 |
| 287 | 446 | 1.450e+06 | 9208.10 | -0.01 | -1004.88 | 0.0 | 5.183e+04 | 1370.53 | 21.42 | 8710.67 | 7161.40 | 1.370e+06 |
| | | 1.370e+06 | 7161.40 | -4.93e-05 | 0.0 | 102.1 | 5.183e+04 | 365.64 | 21.42 | 8710.67 | 9208.10 | 1.450e+06 |
| 287 | 468 | 1.313e+06 | 1.612e+04 | -9.12e-03 | -1004.88 | 0.0 | 5.682e+04 | 1474.76 | 22.09 | 1.210e+04 | 1.386e+04 | 1.245e+06 |
| | | 1.245e+06 | 1.386e+04 | -1.62e-04 | 0.0 | 102.1 | 5.682e+04 | 469.88 | 22.09 | 1.210e+04 | 1.612e+04 | 1.313e+06 |
| 287 | 471 | 1.345e+06 | -1151.73 | -9.48e-03 | -1004.88 | 0.0 | 5.949e+04 | 1587.30 | 17.55 | 7831.66 | -2934.64 | 1.268e+06 |
| | | 1.268e+06 | -2934.64 | 2.25e-04 | 0.0 | 102.1 | 5.949e+04 | 582.42 | 17.55 | 7831.66 | -1151.73 | 1.345e+06 |
| 288 | 51 | 7.634e+05 | 5.129e+04 | -0.08 | -1223.70 | 0.0 | 5.049e+04 | 1.493e+04 | -227.33 | -3.040e+04 | 5.129e+04 | -2.137e+05 |
| | | -2.137e+05 | 2.398e+04 | 4.66e-04 | -138.40 | 92.1 | 5.049e+04 | 1.370e+04 | -365.73 | -3.040e+04 | 2.398e+04 | 7.634e+05 |
| 288 | 111 | 2.158e+06 | 5.874e+04 | -0.21 | -1223.70 | 0.0 | 7.134e+04 | 2.814e+04 | -348.41 | -1.465e+05 | 5.874e+04 | 3.402e+05 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|----------|-------|-----------|------------|---------|------------|------------|-----------|
| 289 | 433 | 9.987e+05 | -1.169e+04 | -7.03e-03 | -1004.88 | 0.0 | 6.005e+04 | 1098.66 | -31.30 | -7354.83 | -1.169e+04 | 9.398e+05 |
| | | 9.398e+05 | -1.466e+04 | 7.84e-04 | 0.0 | 102.1 | 6.005e+04 | 93.77 | -31.30 | -7354.83 | -1.466e+04 | 9.987e+05 |
| 289 | 434 | 1.299e+06 | 8767.76 | -9.46e-03 | -1004.88 | 0.0 | 5.026e+04 | 1797.81 | 16.76 | 1672.51 | 7277.12 | 1.230e+06 |
| | | 1.230e+06 | 7277.12 | -7.35e-04 | 0.0 | 102.1 | 5.026e+04 | 792.93 | 16.76 | 1672.51 | 8767.76 | 1.299e+06 |
| 289 | 440 | 9.213e+05 | -1505.22 | -6.70e-03 | -1004.88 | 0.0 | 6.498e+04 | 1320.15 | -9.46 | -2948.85 | -1505.22 | 8.720e+05 |
| | | 8.720e+05 | -2479.83 | -8.66e-05 | 0.0 | 102.1 | 6.498e+04 | 315.27 | -9.46 | -2948.85 | -2479.83 | 9.213e+05 |
| 289 | 441 | 9.164e+05 | -3808.94 | -6.52e-03 | -1004.88 | 0.0 | 6.470e+04 | 1204.07 | -16.26 | -4445.98 | -3808.94 | 8.641e+05 |
| | | 8.641e+05 | -5431.82 | 1.14e-04 | 0.0 | 102.1 | 6.470e+04 | 199.19 | -16.26 | -4445.98 | -5431.82 | 9.164e+05 |
| 289 | 442 | 1.381e+06 | -462.69 | -9.98e-03 | -1004.88 | 0.0 | 4.561e+04 | 1692.40 | 1.72 | -1236.34 | -601.72 | 1.306e+06 |
| | | 1.306e+06 | -601.72 | -6.47e-05 | 0.0 | 102.1 | 4.561e+04 | 687.51 | 1.72 | -1236.34 | -462.69 | 1.381e+06 |
| 289 | 443 | 1.376e+06 | -2905.44 | -9.79e-03 | -1004.88 | 0.0 | 4.532e+04 | 1576.32 | -5.08 | -2733.47 | -2905.44 | 1.298e+06 |
| | | 1.298e+06 | -3414.67 | 1.36e-04 | 0.0 | 102.1 | 4.532e+04 | 571.44 | -5.08 | -2733.47 | -3414.67 | 1.376e+06 |
| 289 | 465 | 1.072e+06 | -6907.60 | -7.63e-03 | -1004.88 | 0.0 | 5.764e+04 | 1274.56 | -19.18 | -5085.02 | -6907.60 | 1.011e+06 |
| | | 1.011e+06 | -8757.88 | 4.01e-04 | 0.0 | 102.1 | 5.764e+04 | 269.68 | -19.18 | -5085.02 | -8757.88 | 1.072e+06 |
| 289 | 466 | 1.225e+06 | 2863.37 | -8.86e-03 | -1004.88 | 0.0 | 5.267e+04 | 1621.90 | 4.64 | -597.30 | 2496.95 | 1.159e+06 |
| | | 1.159e+06 | 2496.95 | -3.52e-04 | 0.0 | 102.1 | 5.267e+04 | 617.02 | 4.64 | -597.30 | 2863.37 | 1.225e+06 |
| 290 | 51 | 3.140e+06 | -8507.71 | 0.18 | -1223.70 | 0.0 | 1.341e+05 | -2.549e+04 | 43.41 | 2.028e+05 | -1.251e+04 | 3.140e+06 |
| | | 1.538e+06 | -1.251e+04 | -1.47e-03 | 0.0 | 92.1 | 1.341e+05 | -2.671e+04 | 43.41 | 2.028e+05 | -8507.71 | 1.538e+06 |
| 290 | 69 | 1.890e+06 | -1.466e+04 | 0.09 | -1223.70 | 0.0 | 9.018e+04 | -1.070e+04 | -220.04 | 3.006e+04 | -1.466e+04 | 1.890e+06 |
| | | 1.210e+06 | -3.492e+04 | -8.05e-04 | 0.0 | 92.1 | 9.018e+04 | -1.192e+04 | -220.04 | 3.006e+04 | -3.492e+04 | 1.210e+06 |
| 290 | 108 | 7.730e+05 | -1251.75 | 0.04 | -906.45 | 0.0 | 5.157e+04 | -7369.21 | 8.03 | 1.452e+04 | -1991.40 | 7.730e+05 |
| | | 2.928e+05 | -1991.40 | -1.72e-04 | 0.0 | 92.1 | 5.157e+04 | -8275.66 | 8.03 | 1.452e+04 | -1251.75 | 2.928e+05 |
| 290 | 198 | 9.129e+05 | -4758.27 | 0.05 | -906.45 | 0.0 | 4.809e+04 | -7339.14 | 11.65 | 2.544e+04 | -5830.61 | 9.129e+05 |
| | | 4.349e+05 | -5830.61 | -4.42e-04 | 0.0 | 92.1 | 4.809e+04 | -8245.58 | 11.65 | 2.544e+04 | -4758.27 | 4.349e+05 |
| 290 | 286 | 2.322e+06 | -6212.11 | 0.13 | -906.45 | 0.0 | 9.927e+04 | -1.886e+04 | 32.00 | 1.506e+05 | -9158.78 | 2.322e+06 |
| | | 1.137e+06 | -9158.78 | -1.08e-03 | 0.0 | 92.1 | 9.927e+04 | -1.977e+04 | 32.00 | 1.506e+05 | -6212.11 | 1.137e+06 |
| 290 | 295 | 1.397e+06 | -1.070e+04 | 0.06 | -906.45 | 0.0 | 6.676e+04 | -7907.24 | -163.67 | 2.234e+04 | -1.070e+04 | 1.397e+06 |
| | | 8.937e+05 | -2.577e+04 | -5.78e-04 | 0.0 | 92.1 | 6.676e+04 | -8813.69 | -163.67 | 2.234e+04 | -2.577e+04 | 8.937e+05 |
| 290 | 314 | 7.837e+05 | -883.26 | 0.04 | -906.45 | 0.0 | 4.984e+04 | -7223.52 | -0.20 | 4890.37 | -883.26 | 7.837e+05 |
| | | 3.117e+05 | -901.46 | -1.50e-04 | 0.0 | 92.1 | 4.984e+04 | -8129.96 | -0.20 | 4890.37 | -901.46 | 3.117e+05 |
| 290 | 359 | 8.871e+05 | -3495.13 | 0.05 | -906.45 | 0.0 | 4.727e+04 | -7203.19 | 1.77 | 1.258e+04 | -3657.66 | 8.871e+05 |
| | | 4.167e+05 | -3657.66 | -3.41e-04 | 0.0 | 92.1 | 4.727e+04 | -8109.64 | 1.77 | 1.258e+04 | -3495.13 | 4.167e+05 |
| 290 | 391 | 7.785e+05 | 904.90 | 0.04 | -906.45 | 0.0 | 4.237e+04 | -6359.56 | -21.22 | -1.493e+04 | 904.90 | 7.785e+05 |
| | | 3.594e+05 | -1048.86 | -8.64e-05 | 0.0 | 92.1 | 4.237e+04 | -7266.00 | -21.22 | -1.493e+04 | -1048.86 | 3.594e+05 |
| 290 | 392 | 7.939e+05 | 847.55 | 0.04 | -906.45 | 0.0 | 4.199e+04 | -6357.73 | -21.46 | -1.487e+04 | 847.55 | 7.939e+05 |
| | | 3.750e+05 | -1128.43 | -8.92e-05 | 0.0 | 92.1 | 4.199e+04 | -7264.17 | -21.46 | -1.487e+04 | -1128.43 | 3.750e+05 |
| 290 | 396 | 1.840e+06 | -2951.79 | 0.10 | -906.45 | 0.0 | 8.072e+04 | -1.499e+04 | 2.97 | 8.734e+04 | -3224.92 | 1.840e+06 |
| | | 8.926e+05 | -3224.92 | -6.73e-04 | 0.0 | 92.1 | 8.072e+04 | -1.589e+04 | 2.97 | 8.734e+04 | -2951.79 | 8.926e+05 |
| 290 | 397 | 1.147e+06 | -4022.16 | 0.05 | -906.45 | 0.0 | 5.637e+04 | -6780.64 | -147.31 | -1.076e+04 | -4022.16 | 1.147e+06 |
| | | 7.099e+05 | -1.759e+04 | -2.52e-04 | 0.0 | 92.1 | 5.637e+04 | -7687.09 | -147.31 | -1.076e+04 | -1.759e+04 | 7.099e+05 |
| 290 | 399 | 7.685e+05 | 130.87 | 0.04 | -906.45 | 0.0 | 5.022e+04 | -7220.81 | -0.52 | 6421.42 | 130.87 | 7.685e+05 |
| | | 2.967e+05 | 83.41 | -7.76e-05 | 0.0 | 92.1 | 5.022e+04 | -8127.26 | -0.52 | 6421.42 | 83.41 | 2.967e+05 |
| 290 | 407 | 7.785e+05 | 904.90 | 0.04 | -906.45 | 0.0 | 4.237e+04 | -6359.56 | -21.22 | -1.493e+04 | 904.90 | 7.785e+05 |
| | | 3.594e+05 | -1048.86 | -8.64e-05 | 0.0 | 92.1 | 4.237e+04 | -7266.00 | -21.22 | -1.493e+04 | -1048.86 | 3.594e+05 |
| 290 | 412 | 4.755e+05 | 4350.33 | 0.03 | -906.45 | 0.0 | 5.560e+04 | -8059.45 | -9.17 | -2.312e+04 | 4350.33 | 4.755e+05 |
| | | 1.528e+05 | 3514.70 | 2.24e-04 | 0.0 | 92.1 | 5.560e+04 | -8965.89 | -9.17 | -2.312e+04 | 3514.70 | 1.528e+05 |
| 290 | 414 | 1.102e+06 | 2420.29 | 0.06 | -906.45 | 0.0 | 2.990e+04 | -4732.42 | -55.80 | -1.258e+04 | 2420.29 | 1.102e+06 |
| | | 5.504e+05 | -2414.74 | 1.51e-04 | 0.0 | 92.1 | 2.990e+04 | -5638.87 | -55.80 | -1.258e+04 | -2414.74 | 5.504e+05 |
| 290 | 415 | 1.082e+06 | -2540.53 | 0.06 | -906.45 | 0.0 | 2.915e+04 | -4659.67 | -33.26 | -6742.35 | -2540.53 | 1.082e+06 |
| | | 5.660e+05 | -5612.41 | -3.97e-04 | 0.0 | 92.1 | 2.915e+04 | -5566.11 | -33.26 | -6742.35 | -5612.41 | 5.660e+05 |
| 290 | 436 | 7.182e+05 | 9576.92 | 0.04 | -906.45 | 0.0 | 4.746e+04 | -6978.57 | -51.74 | -2.598e+04 | 9576.92 | 7.182e+05 |
| | | 2.739e+05 | 5259.91 | 8.40e-04 | 0.0 | 92.1 | 4.746e+04 | -7885.01 | -51.74 | -2.598e+04 | 5259.91 | 2.739e+05 |
| 290 | 439 | 8.388e+05 | -7357.62 | 0.04 | -906.45 | 0.0 | 3.729e+04 | -5740.54 | 9.31 | -3881.86 | -7357.62 | 8.388e+05 |
| | | 4.448e+05 | -7767.11 | -1.01e-03 | 0.0 | 92.1 | 3.729e+04 | -6646.99 | 9.31 | -3881.86 | -7767.11 | 4.448e+05 |
| 290 | 440 | 6.099e+05 | 2668.98 | 0.03 | -906.45 | 0.0 | 4.913e+04 | -7229.69 | -14.28 | -1.878e+04 | 2668.98 | 6.099e+05 |
| | | 2.514e+05 | 1322.83 | 6.36e-05 | 0.0 | 92.1 | 4.913e+04 | -8136.14 | -14.28 | -1.878e+04 | 1322.83 | 2.514e+05 |
| 290 | 443 | 9.471e+05 | -859.18 | 0.05 | -906.45 | 0.0 | 3.561e+04 | -5489.42 | -28.15 | -1.109e+04 | -859.18 | 9.471e+05 |
| | | 4.673e+05 | -3420.54 | -2.36e-04 | 0.0 | 92.1 | 3.561e+04 | -6395.87 | -28.15 | -1.109e+04 | -3420.54 | 4.673e+05 |
| 290 | 460 | 7.027e+05 | 5368.01 | 0.04 | -906.45 | 0.0 | 4.524e+04 | -6698.78 | -33.42 | -1.954e+04 | 5368.01 | 7.027e+05 |
| | | 3.079e+05 | 2404.92 | 3.58e-04 | 0.0 | 92.1 | 4.524e+04 | -7605.23 | -33.42 | -1.954e+04 | 2404.92 | 3.079e+05 |
| 290 | 463 | 8.543e+05 | -3558.20 | 0.04 | -906.45 | 0.0 | 3.951e+04 | -6020.33 | -9.02 | -1.033e+04 | -3558.20 | 8.543e+05 |
| | | 4.109e+05 | -4502.64 | -5.31e-04 | 0.0 | 92.1 | 3.951e+04 | -6926.77 | -9.02 | -1.033e+04 | -4502.64 | 4.109e+05 |
| 291 | 30 | 2.066e+06 | -7349.64 | -0.01 | -1004.88 | 0.0 | 9.587e+04 | 1044.58 | 40.72 | -400.09 | -1.151e+04 | 2.066e+06 |
| | | 2.026e+06 | -1.151e+04 | 1.23e-04 | 0.0 | 102.1 | 9.587e+04 | 39.69 | 40.72 | -400.09 | -7349.64 | 2.066e+06 |
| 291 | 49 | 5.902e+06 | 3.097e+04 | -0.04 | -1356.59 | 0.0 | 2.195e+05 | 8939.96 | 234.68 | 4.529e+04 | 7017.82 | 5.321e+06 |
| | | 5.321e+06 | 7017.82 | 2.72e-04 | 0.0 | 102.1 | 2.195e+05 | 7583.36 | 234.68 | 4.529e+04 | 3.097e+04 | 5.902e+06 |
| 291 | 51 | 5.899e+06 | 3.170e+04 | -0.04 | -1356.59 | 0.0 | 2.194e+05 | 8941.82 | 234.06 | 4.545e+04 | 7809.51 | 5.318e+06 |
| | | 5.318e+06 | 7809.51 | 2.29e-04 | 0.0 | 102.1 | 2.194e+05 | 7585.22 | 234.06 | 4.545e+04 | 3.170e+04 | 5.899e+06 |
| 291 | 108 | 1.262e+06 | -273.71 | -8.93e-03 | -1004.88 | 0.0 | 6.973e+04 | 1719.43 | 12.55 | 2683.05 | -1554.43 | 1.179e+06 |
| | | 1.179e+06 | -1554.43 | -3.64e-05 | 0.0 | 102.1 | 6.973e+04 | 714.55 | 12.55 | 2683.05 | -273.71 | 1.262e+06 |
| 291 | 200 | 1.414e+06 | -1533.60 | -0.01 | -1004.88 | 0.0 | 6.588e+04 | 1718.84 | 9.15 | 241.75 | -2467.81 | 1.331e+06 |
| | | 1.331e+06 | -2467.81 | 7.47e-05 | 0.0 | 102.1 | 6.588e+04 | 713.95 | 9.15 | 241.75 | -1533.60 | 1.414e+06 |
| 291 | 275 | 1.843e+06 | -4878.88 | -0.01 | -1004.88 | 0.0 | 8.615e+04 | 1155.22 | 31.13 | 111.98 | -8056.72 | 1.796e+06 |
| | | 1.796e+06 | -8056.72 | 8.15e-05 | 0.0 | 102.1 | 8.615e+04 | 150.33 | 31.13 | 111.98 | -4878.88 | 1.842e+06 |
| 291 | 285 | 4.367e+06 | 2.322e+04 | -0.03 | -1004.88 | 0.0 | 1.625e+05 | 6621.40 | 174.08 | 3.362e+04 | 5448.01 | 3.937e+06 |
| | | 3.937e+06 | 5448.01 | 1.91e-04 | 0.0 | 102.1 | 1.625e+05 | 5616.51 | 174.08 | 3.362e+04 | 2.322e+04 | 4.367e+06 |
| 291 | 286 | 4.366e+06 | 2.370e+04 | -0.03 | -1004.88 | 0.0 | 1.625e+05 | 6622.64 | 173.67 | 3.373e+04 | 5975.80 | 3.935e+06 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|----------|-------|-----------|------------|--------|-----------|------------|-----------|
| | | 3.935e+06 | 5975.80 | 1.62e-04 | 0.0 | 102.1 | 1.625e+05 | 5617.75 | 173.67 | 3.373e+04 | 2.370e+04 | 4.366e+06 |
| 291 | 314 | 1.247e+06 | 294.09 | -8.86e-03 | -1004.88 | 0.0 | 6.680e+04 | 1654.98 | 10.32 | 2383.29 | -759.58 | 1.169e+06 |
| | | 1.169e+06 | -759.58 | -3.31e-05 | 0.0 | 102.1 | 6.680e+04 | 650.10 | 10.32 | 2383.29 | 294.09 | 1.247e+06 |
| 291 | 360 | 1.360e+06 | -625.18 | -9.76e-03 | -1004.88 | 0.0 | 6.396e+04 | 1654.52 | 7.79 | 575.70 | -1420.02 | 1.281e+06 |
| | | 1.281e+06 | -1420.02 | 4.84e-05 | 0.0 | 102.1 | 6.396e+04 | 649.64 | 7.79 | 575.70 | -625.18 | 1.360e+06 |
| 291 | 391 | 1.149e+06 | 2802.13 | -8.26e-03 | -1004.88 | 0.0 | 5.513e+04 | 1448.01 | 6.82 | 2563.39 | 2105.60 | 1.085e+06 |
| | | 1.085e+06 | 2105.60 | -2.54e-05 | 0.0 | 102.1 | 5.513e+04 | 443.12 | 6.82 | 2563.39 | 2802.13 | 1.149e+06 |
| 291 | 392 | 1.164e+06 | 2816.33 | -8.38e-03 | -1004.88 | 0.0 | 5.474e+04 | 1448.25 | 6.88 | 2557.70 | 2113.71 | 1.101e+06 |
| | | 1.101e+06 | 2113.71 | -2.58e-05 | 0.0 | 102.1 | 5.474e+04 | 443.36 | 6.88 | 2557.70 | 2816.33 | 1.164e+06 |
| 291 | 395 | 1.484e+06 | 220.30 | -8.53e-03 | -1004.88 | 0.0 | 7.062e+04 | 1048.64 | 23.71 | 2512.70 | -2200.48 | 1.446e+06 |
| | | 1.446e+06 | -2200.48 | -2.43e-05 | 0.0 | 102.1 | 7.062e+04 | 43.76 | 23.71 | 2512.70 | 220.30 | 1.484e+06 |
| 291 | 396 | 3.377e+06 | 2.129e+04 | -0.02 | -1004.88 | 0.0 | 1.279e+05 | 5148.28 | 130.93 | 2.765e+04 | 7928.06 | 3.051e+06 |
| | | 3.051e+06 | 7928.06 | 6.81e-05 | 0.0 | 102.1 | 1.279e+05 | 4143.40 | 130.93 | 2.765e+04 | 2.129e+04 | 3.377e+06 |
| 291 | 407 | 1.149e+06 | 2802.13 | -8.26e-03 | -1004.88 | 0.0 | 5.513e+04 | 1448.01 | 6.82 | 2563.39 | 2105.60 | 1.085e+06 |
| | | 1.085e+06 | 2105.60 | -2.54e-05 | 0.0 | 102.1 | 5.513e+04 | 443.12 | 6.82 | 2563.39 | 2802.13 | 1.149e+06 |
| 291 | 420 | 6.959e+05 | 8131.50 | -4.99e-03 | -1004.88 | 0.0 | 7.416e+04 | 1009.79 | 23.73 | 5416.60 | 5816.02 | 6.561e+05 |
| | | 6.561e+05 | 5816.02 | -2.31e-04 | 0.0 | 102.1 | 7.416e+04 | 4.91 | 23.73 | 5416.60 | 8131.50 | 6.952e+05 |
| 291 | 421 | 7.051e+05 | 1434.55 | -5.12e-03 | -1004.88 | 0.0 | 7.440e+04 | 1145.25 | 11.81 | 2940.95 | 175.05 | 6.664e+05 |
| | | 6.664e+05 | 175.05 | 2.30e-04 | 0.0 | 102.1 | 7.440e+04 | 140.37 | 11.81 | 2940.95 | 1434.55 | 7.043e+05 |
| 291 | 422 | 1.594e+06 | 4169.71 | -0.01 | -1004.88 | 0.0 | 3.586e+04 | 1750.76 | 1.84 | 2185.84 | 4036.15 | 1.504e+06 |
| | | 1.504e+06 | 4036.15 | -2.62e-04 | 0.0 | 102.1 | 3.586e+04 | 745.88 | 1.84 | 2185.84 | 4169.71 | 1.594e+06 |
| 291 | 423 | 1.603e+06 | -1604.82 | -0.01 | -1004.88 | 0.0 | 3.610e+04 | 1886.22 | -10.08 | -289.81 | -1604.82 | 1.515e+06 |
| | | 1.515e+06 | -2527.24 | 1.98e-04 | 0.0 | 102.1 | 3.610e+04 | 881.34 | -10.08 | -289.81 | -2527.24 | 1.603e+06 |
| 291 | 436 | 9.990e+05 | 1.456e+04 | -7.08e-03 | -1004.88 | 0.0 | 6.049e+04 | 1111.09 | 29.98 | 7174.10 | 1.177e+04 | 9.409e+05 |
| | | 9.409e+05 | 1.177e+04 | -7.79e-04 | 0.0 | 102.1 | 6.049e+04 | 106.21 | 29.98 | 7174.10 | 1.456e+04 | 9.990e+05 |
| 291 | 439 | 1.299e+06 | -7563.00 | -9.44e-03 | -1004.88 | 0.0 | 4.978e+04 | 1784.92 | -16.33 | -2047.31 | -7563.00 | 1.230e+06 |
| | | 1.230e+06 | -8953.72 | 7.46e-04 | 0.0 | 102.1 | 4.978e+04 | 780.04 | -16.33 | -2047.31 | -8953.72 | 1.299e+06 |
| 291 | 448 | 9.164e+05 | 5189.82 | -6.67e-03 | -1004.88 | 0.0 | 6.466e+04 | 1207.13 | 15.11 | 4064.30 | 3679.70 | 8.644e+05 |
| | | 8.644e+05 | 3679.70 | -1.08e-04 | 0.0 | 102.1 | 6.466e+04 | 202.25 | 15.11 | 4064.30 | 5189.82 | 9.164e+05 |
| 291 | 449 | 9.221e+05 | 2419.07 | -6.57e-03 | -1004.88 | 0.0 | 6.495e+04 | 1317.99 | 9.58 | 2698.35 | 1435.10 | 8.724e+05 |
| | | 8.724e+05 | 1435.10 | 9.03e-05 | 0.0 | 102.1 | 6.495e+04 | 313.11 | 9.58 | 2698.35 | 2419.07 | 9.221e+05 |
| 291 | 450 | 1.376e+06 | 3185.19 | -9.94e-03 | -1004.88 | 0.0 | 4.531e+04 | 1578.03 | 4.07 | 2428.44 | 2776.11 | 1.298e+06 |
| | | 1.298e+06 | 2776.11 | -1.23e-04 | 0.0 | 102.1 | 4.531e+04 | 573.14 | 4.07 | 2428.44 | 3185.19 | 1.376e+06 |
| 291 | 451 | 1.382e+06 | 531.50 | -9.85e-03 | -1004.88 | 0.0 | 4.560e+04 | 1688.88 | -1.47 | 1062.49 | 531.50 | 1.306e+06 |
| | | 1.306e+06 | 414.44 | 7.45e-05 | 0.0 | 102.1 | 4.560e+04 | 684.00 | -1.47 | 1062.49 | 414.44 | 1.382e+06 |
| 291 | 468 | 1.073e+06 | 8633.34 | -7.66e-03 | -1004.88 | 0.0 | 5.784e+04 | 1280.64 | 18.31 | 4856.27 | 6899.79 | 1.012e+06 |
| | | 1.012e+06 | 6899.79 | -3.94e-04 | 0.0 | 102.1 | 5.784e+04 | 275.76 | 18.31 | 4856.27 | 8633.34 | 1.073e+06 |
| 291 | 471 | 1.225e+06 | -2688.59 | -8.86e-03 | -1004.88 | 0.0 | 5.242e+04 | 1615.37 | -4.67 | 270.52 | -2688.59 | 1.159e+06 |
| | | 1.159e+06 | -3029.08 | 3.62e-04 | 0.0 | 102.1 | 5.242e+04 | 610.49 | -4.67 | 270.52 | -3029.08 | 1.225e+06 |
| 292 | 49 | 3.387e+06 | -3346.25 | 0.19 | -1223.70 | 0.0 | 1.463e+05 | -2.757e+04 | 348.30 | 2.522e+05 | -3.542e+04 | 3.387e+06 |
| | | 1.666e+06 | -3.542e+04 | -9.48e-04 | 0.0 | 92.1 | 1.463e+05 | -2.879e+04 | 348.30 | 2.522e+05 | -3346.25 | 1.666e+06 |
| 292 | 72 | 1.772e+06 | 2.003e+04 | 0.08 | -906.45 | 0.0 | 8.304e+04 | -8558.53 | 388.40 | 1.809e+05 | -1.573e+04 | 1.772e+06 |
| | | 1.237e+06 | -1.573e+04 | -4.67e-04 | 0.0 | 92.1 | 8.304e+04 | -9464.97 | 388.40 | 1.809e+05 | 2.003e+04 | 1.237e+06 |
| 292 | 106 | 8.098e+05 | 1687.06 | 0.04 | -906.45 | 0.0 | 5.457e+04 | -7681.22 | 71.49 | 5.005e+04 | -4896.27 | 8.098e+05 |
| | | 3.088e+05 | -4896.27 | -2.38e-04 | 0.0 | 92.1 | 5.457e+04 | -8587.66 | 71.49 | 5.005e+04 | 1687.06 | 3.088e+05 |
| 292 | 200 | 9.631e+05 | 86.79 | 0.05 | -906.45 | 0.0 | 5.058e+04 | -7622.29 | 61.41 | 4.867e+04 | -5568.14 | 9.631e+05 |
| | | 4.678e+05 | -5568.14 | -2.03e-04 | 0.0 | 92.1 | 5.058e+04 | -8528.74 | 61.41 | 4.867e+04 | 86.79 | 4.678e+05 |
| 292 | 285 | 2.505e+06 | -2348.32 | 0.14 | -906.45 | 0.0 | 1.084e+05 | -2.040e+04 | 257.04 | 1.862e+05 | -2.602e+04 | 2.505e+06 |
| | | 1.232e+06 | -2.602e+04 | -6.86e-04 | 0.0 | 92.1 | 1.084e+05 | -2.131e+04 | 257.04 | 1.862e+05 | -2348.32 | 1.232e+06 |
| 292 | 296 | 1.524e+06 | 1.495e+04 | 0.07 | -906.45 | 0.0 | 7.314e+04 | -8105.34 | 293.36 | 1.401e+05 | -1.206e+04 | 1.524e+06 |
| | | 1.011e+06 | -1.206e+04 | -3.10e-04 | 0.0 | 92.1 | 7.314e+04 | -9011.79 | 293.36 | 1.401e+05 | 1.495e+04 | 1.011e+06 |
| 292 | 313 | 8.110e+05 | 1369.02 | 0.04 | -906.45 | 0.0 | 5.205e+04 | -7453.64 | 57.91 | 4.279e+04 | -3963.10 | 8.110e+05 |
| | | 3.239e+05 | -3963.10 | -1.31e-04 | 0.0 | 92.1 | 5.205e+04 | -8360.08 | 57.91 | 4.279e+04 | 1369.02 | 3.239e+05 |
| 292 | 360 | 9.245e+05 | 170.33 | 0.05 | -906.45 | 0.0 | 4.911e+04 | -7411.89 | 51.14 | 4.219e+04 | -4538.69 | 9.245e+05 |
| | | 4.414e+05 | -4538.69 | -1.14e-04 | 0.0 | 92.1 | 4.911e+04 | -8318.34 | 51.14 | 4.219e+04 | 170.33 | 4.414e+05 |
| 292 | 392 | 7.947e+05 | 836.46 | 0.04 | -906.45 | 0.0 | 4.196e+04 | -6355.98 | 21.13 | 1.543e+04 | -1109.07 | 7.947e+05 |
| | | 3.759e+05 | -1109.07 | 7.18e-05 | 0.0 | 92.1 | 4.196e+04 | -7262.43 | 21.13 | 1.543e+04 | 836.46 | 3.759e+05 |
| 292 | 396 | 1.946e+06 | -1157.54 | 0.11 | -906.45 | 0.0 | 8.590e+04 | -1.596e+04 | 168.33 | 1.183e+05 | -1.666e+04 | 1.946e+06 |
| | | 9.429e+05 | -1.666e+04 | -3.04e-04 | 0.0 | 92.1 | 8.590e+04 | -1.686e+04 | 168.33 | 1.183e+05 | -1157.54 | 9.429e+05 |
| 292 | 397 | 1.211e+06 | 1.178e+04 | 0.06 | -906.45 | 0.0 | 5.951e+04 | -6745.02 | 199.09 | 8.568e+04 | -6553.74 | 1.211e+06 |
| | | 7.777e+05 | -6553.74 | -7.07e-05 | 0.0 | 92.1 | 5.951e+04 | -7651.46 | 199.09 | 8.568e+04 | 1.178e+04 | 7.777e+05 |
| 292 | 399 | 7.954e+05 | 2274.03 | 0.04 | -906.45 | 0.0 | 5.244e+04 | -7446.21 | 48.59 | 3.881e+04 | -2200.67 | 7.954e+05 |
| | | 3.094e+05 | -2200.67 | 3.76e-05 | 0.0 | 92.1 | 5.244e+04 | -8352.66 | 48.59 | 3.881e+04 | 2274.03 | 3.094e+05 |
| 292 | 407 | 7.793e+05 | 750.27 | 0.04 | -906.45 | 0.0 | 4.234e+04 | -6357.77 | 20.88 | 1.551e+04 | -1172.37 | 7.793e+05 |
| | | 3.604e+05 | -1172.37 | 6.87e-05 | 0.0 | 92.1 | 4.234e+04 | -7264.22 | 20.88 | 1.551e+04 | 750.27 | 3.604e+05 |
| 292 | 421 | 4.758e+05 | -3985.62 | 0.03 | -906.45 | 0.0 | 5.545e+04 | -8052.17 | 8.25 | 2.347e+04 | -4731.32 | 4.758e+05 |
| | | 1.543e+05 | -4731.32 | -2.37e-04 | 0.0 | 92.1 | 5.545e+04 | -8958.61 | 8.25 | 2.347e+04 | -3985.62 | 1.543e+05 |
| 292 | 422 | 1.083e+06 | 5486.16 | 0.06 | -906.45 | 0.0 | 2.923e+04 | -4663.38 | 33.50 | 7541.00 | 2386.57 | 1.083e+06 |
| | | 5.664e+05 | 2386.57 | 3.75e-04 | 0.0 | 92.1 | 2.923e+04 | -5569.82 | 33.50 | 7541.00 | 5486.16 | 5.664e+05 |
| 292 | 423 | 1.102e+06 | 2241.43 | 0.06 | -906.45 | 0.0 | 2.980e+04 | -4727.97 | 55.84 | 1.339e+04 | -2621.58 | 1.102e+06 |
| | | 5.517e+05 | -2621.58 | -1.74e-04 | 0.0 | 92.1 | 2.980e+04 | -5634.42 | 55.84 | 1.339e+04 | 2241.43 | 5.517e+05 |
| 292 | 433 | 7.173e+05 | -5686.15 | 0.04 | -906.45 | 0.0 | 4.711e+04 | -6962.74 | 50.94 | 2.657e+04 | -9963.18 | 7.173e+05 |
| | | 2.763e+05 | -9963.18 | -8.60e-04 | 0.0 | 92.1 | 4.711e+04 | -7869.18 | 50.94 | 2.657e+04 | -5686.15 | 2.763e+05 |
| 292 | 434 | 8.414e+05 | 7618.44 | 0.04 | -906.45 | 0.0 | 3.757e+04 | -5752.81 | -9.18 | 4448.91 | 7618.44 | 8.414e+05 |
| | | 4.444e+05 | 7186.69 | 9.97e-04 | 0.0 | 92.1 | 3.757e+04 | -6659.26 | -9.18 | 4448.91 | 7186.69 | 4.444e+05 |
| 292 | 449 | 6.114e+05 | -1609.42 | 0.03 | -906.45 | 0.0 | 4.899e+04 | -7226.52 | 13.35 | 1.948e+04 | -2857.63 | 6.114e+05 |
| | | 2.529e+05 | -2857.63 | -7.96e-05 | 0.0 | 92.1 | 4.899e+04 | -8132.97 | 13.35 | 1.948e+04 | -1609.42 | 2.529e+05 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|----------|-------|-----------|------------|---------|------------|------------|-----------|
| 292 | 450 | 9.473e+05 | 3109.96 | 0.05 | -906.45 | 0.0 | 3.570e+04 | -5489.03 | 28.41 | 1.154e+04 | 512.89 | 9.473e+05 |
| | | 4.678e+05 | 512.89 | 2.17e-04 | 0.0 | 92.1 | 3.570e+04 | -6395.47 | 28.41 | 1.154e+04 | 3109.96 | 4.678e+05 |
| 292 | 465 | 7.470e+05 | -2442.37 | 0.04 | -906.45 | 0.0 | 4.474e+04 | -6663.43 | 35.74 | 2.102e+04 | -5530.61 | 7.470e+05 |
| | | 3.178e+05 | -5530.61 | -3.92e-04 | 0.0 | 92.1 | 4.474e+04 | -7569.87 | 35.74 | 2.102e+04 | -2442.37 | 3.178e+05 |
| 292 | 466 | 8.116e+05 | 3942.91 | 0.04 | -906.45 | 0.0 | 3.995e+04 | -6052.12 | 6.02 | 9989.88 | 3185.86 | 8.116e+05 |
| | | 4.030e+05 | 3185.86 | 5.29e-04 | 0.0 | 92.1 | 3.995e+04 | -6958.57 | 6.02 | 9989.88 | 3942.91 | 4.030e+05 |
| 293 | 49 | 6.365e+06 | -4.360e+04 | -0.05 | -1356.59 | 0.0 | 2.382e+05 | 1.002e+04 | -93.98 | -7.320e+04 | -4.360e+04 | 5.710e+06 |
| | | 5.710e+06 | -4.654e+04 | 2.55e-04 | 153.43 | 102.1 | 2.382e+05 | 8659.77 | 59.45 | -7.320e+04 | -4.536e+04 | 6.365e+06 |
| 293 | 108 | 1.318e+06 | -8162.96 | -9.23e-03 | -1004.88 | 0.0 | 7.301e+04 | 1773.41 | -12.76 | -1.142e+04 | -8162.96 | 1.235e+06 |
| | | 1.235e+06 | -9465.90 | -6.89e-05 | 0.0 | 102.1 | 7.301e+04 | 768.53 | -12.76 | -1.142e+04 | -9465.90 | 1.318e+06 |
| 293 | 200 | 1.479e+06 | -9042.47 | -0.01 | -1004.88 | 0.0 | 6.916e+04 | 1750.79 | -12.21 | -1.360e+04 | -9042.47 | 1.395e+06 |
| | | 1.395e+06 | -1.029e+04 | 7.72e-05 | 0.0 | 102.1 | 6.916e+04 | 745.91 | -12.21 | -1.360e+04 | -1.029e+04 | 1.479e+06 |
| 293 | 285 | 4.708e+06 | -3.185e+04 | -0.03 | -1004.88 | 0.0 | 1.763e+05 | 7415.16 | -62.43 | -5.378e+04 | -3.185e+04 | 4.224e+06 |
| | | 4.224e+06 | -3.379e+04 | 1.79e-04 | 102.29 | 102.1 | 1.763e+05 | 6410.27 | 39.86 | -5.378e+04 | -3.300e+04 | 4.708e+06 |
| 293 | 314 | 1.305e+06 | -8505.56 | -9.20e-03 | -1004.88 | 0.0 | 7.009e+04 | 1743.43 | -22.25 | -1.334e+04 | -8505.56 | 1.223e+06 |
| | | 1.223e+06 | -1.078e+04 | -5.19e-05 | 0.0 | 102.1 | 7.009e+04 | 738.55 | -22.25 | -1.334e+04 | -1.078e+04 | 1.305e+06 |
| 293 | 360 | 1.424e+06 | -9140.05 | -0.01 | -1004.88 | 0.0 | 6.724e+04 | 1726.67 | -21.87 | -1.495e+04 | -9140.05 | 1.342e+06 |
| | | 1.342e+06 | -1.137e+04 | 7.62e-05 | 0.0 | 102.1 | 6.724e+04 | 721.79 | -21.87 | -1.495e+04 | -1.137e+04 | 1.424e+06 |
| 293 | 391 | 1.177e+06 | -5558.28 | -8.49e-03 | -1004.88 | 0.0 | 5.675e+04 | 1536.09 | -25.78 | -1.215e+04 | -5558.28 | 1.108e+06 |
| | | 1.108e+06 | -8190.41 | 3.27e-05 | 0.0 | 102.1 | 5.675e+04 | 531.21 | -25.78 | -1.215e+04 | -8190.41 | 1.177e+06 |
| 293 | 392 | 1.193e+06 | -5544.79 | -8.62e-03 | -1004.88 | 0.0 | 5.640e+04 | 1535.88 | -25.51 | -1.217e+04 | -5544.79 | 1.124e+06 |
| | | 1.124e+06 | -8149.08 | 3.19e-05 | 0.0 | 102.1 | 5.640e+04 | 530.99 | -25.51 | -1.217e+04 | -8149.08 | 1.193e+06 |
| 293 | 396 | 3.605e+06 | -2.138e+04 | -0.03 | -1004.88 | 0.0 | 1.371e+05 | 5777.76 | -15.34 | -3.983e+04 | -2.138e+04 | 3.236e+06 |
| | | 3.236e+06 | -2.295e+04 | -1.28e-04 | 0.0 | 102.1 | 1.371e+05 | 4772.87 | -15.34 | -3.983e+04 | -2.295e+04 | 3.605e+06 |
| 293 | 407 | 1.177e+06 | -5558.28 | -8.49e-03 | -1004.88 | 0.0 | 5.675e+04 | 1536.09 | -25.78 | -1.215e+04 | -5558.28 | 1.108e+06 |
| | | 1.108e+06 | -8190.41 | 3.27e-05 | 0.0 | 102.1 | 5.675e+04 | 531.21 | -25.78 | -1.215e+04 | -8190.41 | 1.177e+06 |
| 293 | 420 | 7.019e+05 | -5736.37 | -5.19e-03 | -1004.88 | 0.0 | 7.728e+04 | 2063.27 | -15.24 | -1.697e+04 | -5736.37 | 6.619e+05 |
| | | 6.619e+05 | -8322.47 | -2.44e-04 | 0.0 | 102.1 | 7.728e+04 | 1058.39 | -15.24 | -1.697e+04 | -8322.47 | 7.012e+05 |
| 293 | 423 | 1.653e+06 | -5380.18 | -0.01 | -1004.88 | 0.0 | 3.623e+04 | 1008.92 | -36.33 | -7324.45 | -5380.18 | 1.554e+06 |
| | | 1.554e+06 | -8058.35 | 1.94e-04 | 0.0 | 102.1 | 3.623e+04 | 4.04 | -36.33 | -7324.45 | -8058.35 | 1.653e+06 |
| 293 | 433 | 1.071e+06 | -1.610e+04 | -7.43e-03 | -1004.88 | 0.0 | 6.050e+04 | 1404.51 | -45.12 | -1.500e+04 | -1.610e+04 | 1.014e+06 |
| | | 1.014e+06 | -2.038e+04 | 7.43e-04 | 0.0 | 102.1 | 6.050e+04 | 399.62 | -45.12 | -1.500e+04 | -2.038e+04 | 1.071e+06 |
| 293 | 434 | 1.283e+06 | 4984.90 | -9.56e-03 | -1004.88 | 0.0 | 5.301e+04 | 1667.68 | -6.45 | -9292.79 | 4984.90 | 1.202e+06 |
| | | 1.202e+06 | 4001.36 | -7.93e-04 | 0.0 | 102.1 | 5.301e+04 | 662.80 | -6.45 | -9292.79 | 4001.36 | 1.283e+06 |
| 293 | 448 | 9.338e+05 | -5967.50 | -6.89e-03 | -1004.88 | 0.0 | 6.720e+04 | 1807.66 | -20.77 | -1.464e+04 | -5967.50 | 8.789e+05 |
| | | 8.789e+05 | -8568.70 | -1.16e-04 | 0.0 | 102.1 | 6.720e+04 | 802.77 | -20.77 | -1.464e+04 | -8568.70 | 9.338e+05 |
| 293 | 451 | 1.421e+06 | -5149.05 | -0.01 | -1004.88 | 0.0 | 4.631e+04 | 1264.53 | -30.80 | -9646.25 | -5149.05 | 1.337e+06 |
| | | 1.337e+06 | -7812.12 | 8.24e-05 | 0.0 | 102.1 | 4.631e+04 | 259.65 | -30.80 | -9646.25 | -7812.12 | 1.421e+06 |
| 293 | 465 | 1.123e+06 | -1.079e+04 | -7.95e-03 | -1004.88 | 0.0 | 5.867e+04 | 1471.68 | -35.35 | -1.355e+04 | -1.079e+04 | 1.059e+06 |
| | | 1.059e+06 | -1.424e+04 | 3.56e-04 | 0.0 | 102.1 | 5.867e+04 | 466.79 | -35.35 | -1.355e+04 | -1.424e+04 | 1.123e+06 |
| 293 | 466 | 1.232e+06 | -325.19 | -9.03e-03 | -1004.88 | 0.0 | 5.484e+04 | 1600.51 | -16.22 | -1.075e+04 | -325.19 | 1.157e+06 |
| | | 1.157e+06 | -2138.92 | -4.06e-04 | 0.0 | 102.1 | 5.484e+04 | 595.63 | -16.22 | -1.075e+04 | -2138.92 | 1.232e+06 |
| 294 | 49 | 3.681e+06 | -1.264e+04 | 0.21 | -1223.70 | 0.0 | 1.594e+05 | -3.056e+04 | -216.69 | 2.203e+05 | -1.264e+04 | 3.681e+06 |
| | | 1.785e+06 | -2.622e+04 | 3.14e-04 | 138.40 | 92.1 | 1.594e+05 | -3.178e+04 | -78.28 | 2.203e+05 | -2.622e+04 | 1.785e+06 |
| 294 | 69 | 2.246e+06 | -1.325e+04 | 0.10 | -1223.70 | 0.0 | 1.074e+05 | -1.171e+04 | -238.38 | 7.633e+04 | -1.325e+04 | 2.246e+06 |
| | | 1.516e+06 | -2.883e+04 | 1.53e-04 | 138.40 | 92.1 | 1.074e+05 | -1.293e+04 | -99.98 | 7.633e+04 | -2.883e+04 | 1.516e+06 |
| 294 | 108 | 8.433e+05 | -3147.65 | 0.05 | -906.45 | 0.0 | 5.723e+04 | -8197.85 | -100.74 | 2.058e+04 | -3147.65 | 8.433e+05 |
| | | 3.080e+05 | -1.242e+04 | 2.62e-04 | 0.0 | 92.1 | 5.723e+04 | -9104.30 | -100.74 | 2.058e+04 | -1.242e+04 | 3.080e+05 |
| 294 | 200 | 1.016e+06 | -5109.66 | 0.05 | -906.45 | 0.0 | 5.295e+04 | -8192.99 | -79.70 | 3.182e+04 | -5109.66 | 1.016e+06 |
| | | 4.855e+05 | -1.245e+04 | 1.47e-04 | 0.0 | 92.1 | 5.295e+04 | -9099.44 | -79.70 | 3.182e+04 | -1.245e+04 | 4.855e+05 |
| 294 | 285 | 2.722e+06 | -9005.12 | 0.15 | -906.45 | 0.0 | 1.180e+05 | -2.262e+04 | -154.39 | 1.625e+05 | -9005.12 | 2.722e+06 |
| | | 1.319e+06 | -1.897e+04 | 2.40e-04 | 92.27 | 92.1 | 1.180e+05 | -2.352e+04 | -62.12 | 1.625e+05 | -1.897e+04 | 1.319e+06 |
| 294 | 295 | 1.659e+06 | -9463.37 | 0.08 | -906.45 | 0.0 | 7.948e+04 | -8651.58 | -170.46 | 5.582e+04 | -9463.37 | 1.659e+06 |
| | | 1.120e+06 | -2.091e+04 | 1.17e-04 | 92.27 | 92.1 | 7.948e+04 | -9558.03 | -78.20 | 5.582e+04 | -2.091e+04 | 1.120e+06 |
| 294 | 314 | 8.481e+05 | -3846.76 | 0.05 | -906.45 | 0.0 | 5.468e+04 | -7901.71 | -107.14 | 2.032e+04 | -3846.76 | 8.481e+05 |
| | | 3.332e+05 | -1.371e+04 | 3.26e-04 | 0.0 | 92.1 | 5.468e+04 | -8808.15 | -107.14 | 2.032e+04 | -1.371e+04 | 3.332e+05 |
| 294 | 360 | 9.754e+05 | -5291.01 | 0.05 | -906.45 | 0.0 | 5.151e+04 | -7897.10 | -91.70 | 2.861e+04 | -5291.01 | 9.754e+05 |
| | | 4.645e+05 | -1.373e+04 | 2.39e-04 | 0.0 | 92.1 | 5.151e+04 | -8803.55 | -91.70 | 2.861e+04 | -1.373e+04 | 4.645e+05 |
| 294 | 392 | 8.188e+05 | -2886.51 | 0.04 | -906.45 | 0.0 | 4.313e+04 | -6544.90 | -97.71 | 8632.61 | -2886.51 | 8.188e+05 |
| | | 3.924e+05 | -1.188e+04 | 3.84e-04 | 0.0 | 92.1 | 4.313e+04 | -7451.34 | -97.71 | 8632.61 | -1.188e+04 | 3.924e+05 |
| 294 | 396 | 2.088e+06 | -4813.56 | 0.12 | -906.45 | 0.0 | 9.220e+04 | -1.739e+04 | -110.19 | 1.048e+05 | -4813.56 | 2.088e+06 |
| | | 1.005e+06 | -1.496e+04 | 4.17e-04 | 0.0 | 92.1 | 9.220e+04 | -1.829e+04 | -110.19 | 1.048e+05 | -1.496e+04 | 1.005e+06 |
| 294 | 397 | 1.291e+06 | -5157.24 | 0.06 | -906.45 | 0.0 | 6.331e+04 | -6913.27 | -122.24 | 2.479e+04 | -5157.24 | 1.291e+06 |
| | | 8.557e+05 | -1.641e+04 | 2.83e-04 | 0.0 | 92.1 | 6.331e+04 | -7819.72 | -122.24 | 2.479e+04 | -1.641e+04 | 8.557e+05 |
| 294 | 399 | 8.340e+05 | -2988.64 | 0.05 | -906.45 | 0.0 | 5.522e+04 | -7930.58 | -108.91 | 2.003e+04 | -2988.64 | 8.340e+05 |
| | | 3.184e+05 | -1.302e+04 | 3.88e-04 | 0.0 | 92.1 | 5.522e+04 | -8837.02 | -108.91 | 2.003e+04 | -1.302e+04 | 3.184e+05 |
| 294 | 407 | 8.030e+05 | -2933.04 | 0.04 | -906.45 | 0.0 | 4.348e+04 | -6542.77 | -99.36 | 8110.27 | -2933.04 | 8.030e+05 |
| | | 3.765e+05 | -1.208e+04 | 3.79e-04 | 0.0 | 92.1 | 4.348e+04 | -7449.22 | -99.36 | 8110.27 | -1.208e+04 | 3.765e+05 |
| 294 | 420 | 4.668e+05 | -2817.30 | 0.02 | -906.45 | 0.0 | 5.713e+04 | -4809.63 | -129.79 | -4130.01 | -2817.30 | 4.668e+05 |
| | | 1.683e+05 | -1.438e+04 | 5.85e-04 | 0.0 | 92.1 | 5.713e+04 | -5716.07 | -129.79 | -4130.01 | -1.438e+04 | 1.683e+05 |
| 294 | 423 | 1.139e+06 | -3048.78 | 0.06 | -906.45 | 0.0 | 2.984e+04 | -8275.92 | -68.92 | 2.035e+04 | -3048.78 | 1.139e+06 |
| | | 5.848e+05 | -9787.10 | 1.73e-04 | 0.0 | 92.1 | 2.984e+04 | -9182.36 | -68.92 | 2.035e+04 | -9787.10 | 5.848e+05 |
| 294 | 433 | 7.387e+05 | -1.105e+04 | 0.04 | -906.45 | 0.0 | 4.547e+04 | -5841.78 | -63.39 | 1.321e+04 | -1.105e+04 | 7.387e+05 |
| | | 3.441e+05 | -1.756e+04 | -5.00e-04 | 0.0 | 92.1 | 4.547e+04 | -6748.23 | -63.39 | 1.321e+04 | -1.756e+04 | 3.441e+05 |
| 294 | 434 | 8.673e+05 | 5184.06 | 0.04 | -906.45 | 0.0 | 4.150e+04 | -7243.76 | -135.33 | 3009.04 | 5184.06 | 8.673e+05 |
| | | 4.089e+05 | -6607.28 | 1.26e-03 | 0.0 | 92.1 | 4.150e+04 | -8150.21 | -135.33 | 3009.04 | -6607.28 | 4.089e+05 |
| 294 | 448 | 6.432e+05 | -2876.09 | 0.03 | -906.45 | 0.0 | 5.026e+04 | -5656.55 | -113.51 | 1635.04 | -2876.09 | 6.432e+05 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|----------|-------|-----------|-----------|---------|------------|------------|------------|
| 296 | 407 | 5.021e+05 | -1.165e+04 | -0.05 | -906.45 | 0.0 | 2.720e+04 | 9303.69 | 117.33 | -2.612e+04 | -2.246e+04 | -7.231e+04 |
| | | -7.231e+04 | -2.246e+04 | -2.86e-04 | 0.0 | 92.1 | 2.720e+04 | 8397.24 | | 117.33 | -2.612e+04 | -1.165e+04 |
| 296 | 417 | 3.421e+05 | -1.472e+04 | -0.04 | -906.45 | 0.0 | 3.375e+04 | 8329.80 | 229.70 | -2.266e+04 | -3.642e+04 | -2.361e+05 |
| | | -2.361e+05 | -3.642e+04 | 2.15e-04 | 0.0 | 92.1 | 3.375e+04 | 7423.36 | | 229.70 | -2.266e+04 | -1.472e+04 |
| 296 | 421 | 3.402e+05 | -1.542e+04 | -0.04 | -906.45 | 0.0 | 3.393e+04 | 8284.44 | 224.71 | -2.316e+04 | -3.621e+04 | -2.363e+05 |
| | | -2.363e+05 | -3.621e+04 | 3.91e-04 | 0.0 | 92.1 | 3.393e+04 | 7378.00 | | 224.71 | -2.316e+04 | -1.542e+04 |
| 296 | 422 | 6.640e+05 | -7888.41 | -0.06 | -906.45 | 0.0 | 2.047e+04 | 1.032e+04 | 9.95 | -2.908e+04 | -8701.67 | 9.172e+04 |
| | | 9.172e+04 | -8701.67 | -9.57e-04 | 0.0 | 92.1 | 2.047e+04 | 9416.48 | | 9.95 | -2.908e+04 | -7888.41 |
| 296 | 434 | 6.024e+05 | -6198.91 | -0.05 | -906.45 | 0.0 | 2.382e+04 | 9988.83 | 125.24 | -2.101e+04 | -1.683e+04 | 351.12 |
| | | 351.12 | -1.683e+04 | -2.58e-03 | 0.0 | 92.1 | 2.382e+04 | 9082.39 | | 125.24 | -2.101e+04 | -6198.91 |
| 296 | 449 | 4.209e+05 | -1.318e+04 | -0.05 | -906.45 | 0.0 | 3.052e+04 | 8796.78 | 174.21 | -2.431e+04 | -2.938e+04 | -1.539e+05 |
| | | -1.539e+05 | -2.938e+04 | -1.18e-04 | 0.0 | 92.1 | 3.052e+04 | 7890.33 | | 174.21 | -2.431e+04 | -1.318e+04 |
| 296 | 453 | 4.203e+05 | -1.353e+04 | -0.05 | -906.45 | 0.0 | 3.057e+04 | 8787.82 | 171.04 | -2.460e+04 | -2.933e+04 | -1.544e+05 |
| | | -1.544e+05 | -2.933e+04 | 1.37e-04 | 0.0 | 92.1 | 3.057e+04 | 7881.38 | | 171.04 | -2.460e+04 | -1.353e+04 |
| 296 | 454 | 5.839e+05 | -9777.61 | -0.06 | -906.45 | 0.0 | 2.383e+04 | 9819.55 | 63.62 | -2.764e+04 | -1.559e+04 | 9753.49 |
| | | 9753.49 | -1.559e+04 | -6.19e-04 | 0.0 | 92.1 | 2.383e+04 | 8913.11 | | 63.62 | -2.764e+04 | -9777.61 |
| 296 | 466 | 5.523e+05 | -8943.85 | -0.05 | -906.45 | 0.0 | 2.552e+04 | 9646.73 | 121.14 | -2.355e+04 | -1.966e+04 | -3.610e+04 |
| | | -3.610e+04 | -1.966e+04 | -1.42e-03 | 0.0 | 92.1 | 2.552e+04 | 8740.29 | | 121.14 | -2.355e+04 | -8943.85 |
| 297 | 48 | 1.442e+06 | -959.79 | -0.01 | -1004.88 | 0.0 | 7.248e+04 | 1602.18 | -1.05 | -6237.84 | -959.79 | 1.365e+06 |
| | | 1.365e+06 | -959.79 | 1.04e-04 | 0.0 | 102.1 | 7.248e+04 | 597.30 | | -1.05 | -6237.84 | -1066.77 |
| 297 | 90 | 2.433e+06 | -9138.56 | -0.01 | -1004.88 | 0.0 | 1.015e+05 | 565.04 | 34.92 | -7415.33 | -1.270e+04 | 2.417e+06 |
| | | 2.417e+06 | -1.270e+04 | 1.23e-04 | 0.0 | 102.1 | 1.015e+05 | -439.84 | | 34.92 | -7415.33 | -9138.56 |
| 297 | 109 | 6.655e+06 | 2.400e+04 | -0.05 | -1356.59 | 0.0 | 2.232e+05 | 8532.65 | 202.17 | 2.961e+04 | 3367.02 | 6.078e+06 |
| | | 6.078e+06 | 3367.02 | 1.99e-04 | 0.0 | 102.1 | 2.232e+05 | 7176.06 | | 202.17 | 2.961e+04 | 2.400e+04 |
| 297 | 111 | 6.653e+06 | 2.478e+04 | -0.05 | -1356.59 | 0.0 | 2.231e+05 | 8533.83 | 201.47 | 2.972e+04 | 4216.22 | 6.075e+06 |
| | | 6.075e+06 | 4216.22 | 1.82e-04 | 0.0 | 102.1 | 2.231e+05 | 7177.24 | | 201.47 | 2.972e+04 | 2.478e+04 |
| 297 | 160 | 1.562e+06 | -1999.13 | -0.01 | -1004.88 | 0.0 | 6.827e+04 | 1528.73 | 4.61 | -4322.91 | -2469.91 | 1.490e+06 |
| | | 1.490e+06 | -2469.91 | 2.46e-05 | 0.0 | 102.1 | 6.827e+04 | 523.85 | | 4.61 | -4322.91 | -1999.13 |
| 297 | 284 | 1.427e+06 | -302.12 | -0.01 | -1004.88 | 0.0 | 6.935e+04 | 1539.40 | -1.17 | -5424.45 | -302.12 | 1.354e+06 |
| | | 1.354e+06 | -421.26 | 7.80e-05 | 0.0 | 102.1 | 6.935e+04 | 534.52 | | -1.17 | -5424.45 | -421.26 |
| 297 | 305 | 2.158e+06 | -6327.15 | -0.01 | -1004.88 | 0.0 | 9.079e+04 | 771.21 | 25.41 | -6282.57 | -8921.39 | 2.134e+06 |
| | | 2.134e+06 | -8921.39 | 8.79e-05 | 0.0 | 102.1 | 9.079e+04 | -233.67 | | 25.41 | -6282.57 | -6327.15 |
| 297 | 315 | 4.926e+06 | 1.807e+04 | -0.04 | -1004.88 | 0.0 | 1.652e+05 | 6319.76 | 149.93 | 2.201e+04 | 2763.08 | 4.499e+06 |
| | | 4.499e+06 | 2763.08 | 1.43e-04 | 0.0 | 102.1 | 1.652e+05 | 5314.88 | | 149.93 | 2.201e+04 | 1.807e+04 |
| 297 | 316 | 4.924e+06 | 1.859e+04 | -0.04 | -1004.88 | 0.0 | 1.652e+05 | 6320.55 | 149.46 | 2.208e+04 | 3329.22 | 4.497e+06 |
| | | 4.497e+06 | 3329.22 | 1.31e-04 | 0.0 | 102.1 | 1.652e+05 | 5315.66 | | 149.46 | 2.208e+04 | 1.859e+04 |
| 297 | 340 | 1.515e+06 | -1096.01 | -0.01 | -1004.88 | 0.0 | 6.622e+04 | 1484.85 | 3.02 | -3998.18 | -1404.05 | 1.447e+06 |
| | | 1.447e+06 | -1404.05 | 1.61e-05 | 0.0 | 102.1 | 6.622e+04 | 479.97 | | 3.02 | -3998.18 | -1096.01 |
| 297 | 391 | 1.312e+06 | 2266.84 | -9.68e-03 | -1004.88 | 0.0 | 5.699e+04 | 1340.42 | 1.57 | -1647.49 | 2106.33 | 1.254e+06 |
| | | 1.254e+06 | 2106.33 | -1.70e-05 | 0.0 | 102.1 | 5.699e+04 | 335.54 | | 1.57 | -1647.49 | 2266.84 |
| 297 | 392 | 1.319e+06 | 2274.36 | -9.77e-03 | -1004.88 | 0.0 | 5.681e+04 | 1340.64 | 1.60 | -1660.39 | 2111.51 | 1.261e+06 |
| | | 1.261e+06 | 2111.51 | -1.73e-05 | 0.0 | 102.1 | 5.681e+04 | 335.76 | | 1.60 | -1660.39 | 2274.36 |
| 297 | 398 | 1.747e+06 | -849.71 | -9.96e-03 | -1004.88 | 0.0 | 7.422e+04 | 747.76 | 18.36 | -2581.67 | -2723.46 | 1.724e+06 |
| | | 1.724e+06 | -2723.46 | 1.46e-05 | 0.0 | 102.1 | 7.422e+04 | -257.12 | | 18.36 | -2581.67 | -849.71 |
| 297 | 399 | 3.821e+06 | 1.745e+04 | -0.03 | -1004.88 | 0.0 | 1.300e+05 | 4909.17 | 111.74 | 1.864e+04 | 6039.89 | 3.498e+06 |
| | | 3.498e+06 | 6039.89 | 6.24e-05 | 0.0 | 102.1 | 1.300e+05 | 3904.29 | | 111.74 | 1.864e+04 | 1.745e+04 |
| 297 | 407 | 1.312e+06 | 2266.84 | -9.68e-03 | -1004.88 | 0.0 | 5.699e+04 | 1340.42 | 1.57 | -1647.49 | 2106.33 | 1.254e+06 |
| | | 1.254e+06 | 2106.33 | -1.70e-05 | 0.0 | 102.1 | 5.699e+04 | 335.54 | | 1.57 | -1647.49 | 2266.84 |
| 297 | 420 | 1.089e+06 | 6438.29 | -7.94e-03 | -1004.88 | 0.0 | 6.783e+04 | 1100.50 | 9.12 | -490.61 | 6438.29 | 1.043e+06 |
| | | 1.043e+06 | 6266.09 | -1.13e-04 | 0.0 | 102.1 | 6.783e+04 | 95.62 | | 9.12 | -490.61 | 6266.09 |
| 297 | 423 | 1.535e+06 | -1732.40 | -0.01 | -1004.88 | 0.0 | 4.616e+04 | 1580.34 | -5.98 | -2804.36 | -2225.63 | 1.465e+06 |
| | | 1.465e+06 | -2225.63 | 9.71e-05 | 0.0 | 102.1 | 4.616e+04 | 575.46 | | -5.98 | -2804.36 | -1732.40 |
| 297 | 437 | 1.263e+06 | -1.448e+04 | -8.96e-03 | -1004.88 | 0.0 | 5.910e+04 | 1386.20 | -3.31 | -4425.31 | -1.448e+04 | 1.211e+06 |
| | | 1.211e+06 | -1.507e+04 | 3.51e-04 | 0.0 | 102.1 | 5.910e+04 | 381.32 | | -3.31 | -4425.31 | -1.507e+04 |
| 297 | 438 | 1.360e+06 | 1.960e+04 | -0.01 | -1004.88 | 0.0 | 5.489e+04 | 1294.65 | 6.45 | 1130.33 | 1.869e+04 | 1.297e+06 |
| | | 1.297e+06 | 1.869e+04 | -3.70e-04 | 0.0 | 102.1 | 5.489e+04 | 289.76 | | 6.45 | 1130.33 | 1.960e+04 |
| 297 | 448 | 1.198e+06 | 3191.23 | -8.84e-03 | -1004.88 | 0.0 | 6.250e+04 | 1207.74 | 5.82 | -473.45 | 3172.76 | 1.145e+06 |
| | | 1.145e+06 | 3172.76 | -4.76e-05 | 0.0 | 102.1 | 6.250e+04 | 202.85 | | 5.82 | -473.45 | 3191.23 |
| 297 | 451 | 1.426e+06 | 1342.46 | -0.01 | -1004.88 | 0.0 | 5.148e+04 | 1473.11 | -2.68 | -2821.53 | 1039.89 | 1.362e+06 |
| | | 1.362e+06 | 1039.89 | 3.20e-05 | 0.0 | 102.1 | 5.148e+04 | 468.23 | | -2.68 | -2821.53 | 1342.46 |
| 297 | 455 | 1.426e+06 | 289.97 | -0.01 | -1004.88 | 0.0 | 5.154e+04 | 1460.29 | -2.21 | -2222.25 | -39.43 | 1.362e+06 |
| | | 1.362e+06 | -39.43 | 4.55e-05 | 0.0 | 102.1 | 5.154e+04 | 455.41 | | -2.21 | -2222.25 | 289.97 |
| 297 | 469 | 1.287e+06 | -6129.28 | -9.31e-03 | -1004.88 | 0.0 | 5.806e+04 | 1362.69 | -0.84 | -3026.55 | -6129.28 | 1.232e+06 |
| | | 1.232e+06 | -6342.09 | 1.71e-04 | 0.0 | 102.1 | 5.806e+04 | 357.81 | | -0.84 | -3026.55 | -6342.09 |
| 297 | 470 | 1.337e+06 | 1.088e+04 | -0.01 | -1004.88 | 0.0 | 5.593e+04 | 1318.16 | 3.98 | -268.42 | 1.034e+04 | 1.276e+06 |
| | | 1.276e+06 | 1.034e+04 | -1.90e-04 | 0.0 | 102.1 | 5.593e+04 | 313.27 | | 3.98 | -268.42 | 1.088e+04 |
| 298 | 49 | 7.683e+05 | 4.647e+04 | -0.09 | -1223.70 | 0.0 | 5.642e+04 | 1.723e+04 | -438.04 | -7.737e+04 | 4.647e+04 | -3.188e+05 |
| | | -3.188e+05 | 6134.25 | 6.26e-04 | 0.0 | 92.1 | 5.642e+04 | 1.601e+04 | | -438.04 | -7.737e+04 | 6134.25 |
| 298 | 89 | 1.613e+06 | 6.686e+04 | -0.12 | -1223.70 | 0.0 | 6.834e+04 | 1.913e+04 | -464.99 | -1.192e+05 | 6.686e+04 | 4.521e+05 |
| | | 4.521e+05 | 2.404e+04 | 8.02e-04 | 0.0 | 92.1 | 6.834e+04 | 1.791e+04 | | -464.99 | -1.192e+05 | 2.404e+04 |
| 298 | 109 | 2.229e+06 | 5.551e+04 | -0.24 | -1223.70 | 0.0 | 8.223e+04 | 3.273e+04 | -573.45 | -2.341e+05 | 5.551e+04 | 1.884e+05 |
| | | 1.884e+05 | 2701.13 | 1.43e-03 | 0.0 | 92.1 | 8.223e+04 | 3.150e+04 | | -573.45 | -2.341e+05 | 2701.13 |
| 298 | 111 | 2.230e+06 | 5.421e+04 | -0.24 | -1223.70 | 0.0 | 8.219e+04 | 3.271e+04 | -558.57 | -2.307e+05 | 5.421e+04 | 1.896e+05 |
| | | 1.896e+05 | 2773.35 | 1.30e-03 | 0.0 | 92.1 | 8.219e+04 | 3.149e+04 | | -558.57 | -2.307e+05 | 2773.35 |
| 298 | 114 | 1.552e+06 | 3.528e+04 | -0.17 | -906.45 | 0.0 | 5.530e+04 | 2.249e+04 | -374.81 | -1.428e+05 | 3.528e+04 | 1.531e+05 |
| | | 1.531e+05 | 763.90 | 1.16e-03 | 0.0 | 92.1 | 5.530e+04 | 2.159e+04 | | -374.81 | -1.428e+05 | 763.90 |
| 298 | 200 | 6.078e+05 | 1.952e+04 | -0.06 | -906.45 | 0.0 | 3.218e+04 | 1.088e+04 | -189.16 | -2.951e+04 | 1.952e+04 | -6.728e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|----------|----------|------------|------------|-----------|
| 403 | 470 | 1.495e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3372.00 | -244.16 | 876.94 | -2.050e+04 | -2.631e+04 | 1.495e+05 |
| | | 2.289e+04 | -2.631e+04 | 2.24e-04 | 0.0 | 30.0 | -3372.00 | -539.47 | 876.94 | -2.050e+04 | -0.02 | 2.289e+04 |
| 403 | 471 | 1.477e+05 | -0.01 | 0.02 | -295.31 | 0.0 | -3343.31 | -187.21 | 364.33 | -5469.29 | -1.093e+04 | 1.477e+05 |
| | | 2.196e+04 | -1.093e+04 | 8.88e-05 | 0.0 | 30.0 | -3343.31 | -482.53 | 364.33 | -5469.29 | -0.01 | 2.196e+04 |
| 404 | 109 | 3.681e+05 | -0.04 | -0.03 | -398.67 | 0.0 | -1296.01 | 1161.70 | -1456.59 | 2.387e+04 | -0.04 | 5.199e+04 |
| | | 5.199e+04 | -4.370e+04 | -5.24e-04 | 0.0 | 30.0 | -1296.01 | 763.02 | -1456.59 | 2.387e+04 | -4.370e+04 | 3.681e+05 |
| 404 | 170 | 2.801e+05 | -1.98e-03 | -0.07 | -295.31 | 0.0 | -992.91 | 820.22 | -1077.16 | 1.087e+04 | -1.98e-03 | 3.935e+04 |
| | | 3.935e+04 | -3.231e+04 | 7.03e-05 | 0.0 | 30.0 | -992.91 | 524.91 | -1077.16 | 1.087e+04 | -3.231e+04 | 2.801e+05 |
| 404 | 186 | 1.845e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -658.74 | 579.56 | -701.64 | 1.062e+04 | -0.01 | 2.634e+04 |
| | | 2.634e+04 | -2.105e+04 | -1.47e-04 | 0.0 | 30.0 | -658.74 | 284.25 | -701.64 | 1.062e+04 | -2.105e+04 | 1.845e+05 |
| 404 | 211 | 3.541e+05 | -0.04 | -0.03 | -398.67 | 0.0 | -1304.63 | 1083.65 | -1491.59 | 2.707e+04 | -0.04 | 5.229e+04 |
| | | 5.229e+04 | -4.475e+04 | -3.66e-04 | 0.0 | 30.0 | -1304.63 | 684.97 | -1491.59 | 2.707e+04 | -4.475e+04 | 3.541e+05 |
| 404 | 315 | 2.721e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -960.37 | 856.47 | -1082.09 | 1.791e+04 | -0.03 | 3.853e+04 |
| | | 3.853e+04 | -3.246e+04 | -3.90e-04 | 0.0 | 30.0 | -960.37 | 561.16 | -1082.09 | 1.791e+04 | -3.246e+04 | 2.721e+05 |
| 404 | 345 | 2.489e+05 | -6.35e-03 | -0.06 | -295.31 | 0.0 | -889.00 | 754.40 | -974.26 | 1.171e+04 | -6.35e-03 | 3.528e+04 |
| | | 3.528e+04 | -2.923e+04 | 8.81e-06 | 0.0 | 30.0 | -889.00 | 459.09 | -974.26 | 1.171e+04 | -2.923e+04 | 2.489e+05 |
| 404 | 353 | 1.780e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -641.83 | 575.81 | -696.67 | 1.156e+04 | -0.02 | 2.565e+04 |
| | | 2.565e+04 | -2.090e+04 | -1.60e-04 | 0.0 | 30.0 | -641.83 | 280.50 | -696.67 | 1.156e+04 | -2.090e+04 | 1.780e+05 |
| 404 | 366 | 2.618e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -966.18 | 799.43 | -1106.69 | 2.020e+04 | -0.03 | 3.873e+04 |
| | | 3.873e+04 | -3.320e+04 | -2.72e-04 | 0.0 | 30.0 | -966.18 | 504.12 | -1106.69 | 2.020e+04 | -3.320e+04 | 2.618e+05 |
| 404 | 393 | 1.503e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -552.38 | 518.10 | -587.70 | 1.144e+04 | -0.02 | 2.217e+04 |
| | | 2.217e+04 | -1.763e+04 | -1.69e-04 | 0.0 | 30.0 | -552.38 | 222.79 | -587.70 | 1.144e+04 | -1.763e+04 | 1.503e+05 |
| 404 | 399 | 2.193e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -793.19 | 727.22 | -904.05 | 1.739e+04 | -0.03 | 3.188e+04 |
| | | 3.188e+04 | -2.712e+04 | -3.42e-04 | 0.0 | 30.0 | -793.19 | 431.90 | -904.05 | 1.739e+04 | -2.712e+04 | 2.193e+05 |
| 404 | 402 | 2.019e+05 | -9.48e-03 | -0.04 | -295.31 | 0.0 | -739.66 | 650.67 | -823.18 | 1.274e+04 | -9.48e-03 | 2.944e+04 |
| | | 2.944e+04 | -2.470e+04 | -4.90e-05 | 0.0 | 30.0 | -739.66 | 355.36 | -823.18 | 1.274e+04 | -2.470e+04 | 2.019e+05 |
| 404 | 404 | 2.120e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -793.64 | 689.69 | -913.63 | 1.855e+04 | -0.02 | 3.185e+04 |
| | | 3.185e+04 | -2.741e+04 | -2.49e-04 | 0.0 | 30.0 | -793.64 | 394.38 | -913.63 | 1.855e+04 | -2.741e+04 | 2.120e+05 |
| 404 | 407 | 1.492e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -559.38 | 509.11 | -620.68 | 1.299e+04 | -0.02 | 2.295e+04 |
| | | 2.295e+04 | -1.862e+04 | -1.81e-04 | 0.0 | 30.0 | -559.38 | 213.80 | -620.68 | 1.299e+04 | -1.862e+04 | 1.492e+05 |
| 404 | 412 | 1.547e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -694.28 | 536.17 | -710.07 | 1.675e+04 | -0.02 | 2.771e+04 |
| | | 2.771e+04 | -2.130e+04 | -3.40e-04 | 0.0 | 30.0 | -694.28 | 240.86 | -710.07 | 1.675e+04 | -2.130e+04 | 1.547e+05 |
| 404 | 415 | 1.438e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -424.47 | 482.06 | -531.29 | 9231.11 | -0.01 | 1.719e+04 |
| | | 1.719e+04 | -1.594e+04 | -2.33e-05 | 0.0 | 30.0 | -424.47 | 186.74 | -531.29 | 9231.11 | -1.594e+04 | 1.438e+05 |
| 404 | 427 | 1.461e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -502.54 | 458.53 | -215.10 | 1275.79 | -0.01 | 2.025e+04 |
| | | 2.025e+04 | -6453.12 | -1.11e-04 | 0.0 | 30.0 | -502.54 | 163.22 | -215.10 | 1275.79 | -6453.12 | 1.461e+05 |
| 404 | 428 | 1.524e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -616.02 | 559.81 | -1042.56 | 2.504e+04 | -0.02 | 2.464e+04 |
| | | 2.464e+04 | -3.128e+04 | -2.08e-04 | 0.0 | 30.0 | -616.02 | 264.50 | -1042.56 | 2.504e+04 | -3.128e+04 | 1.524e+05 |
| 404 | 440 | 1.519e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -627.66 | 521.60 | -654.67 | 1.465e+04 | -0.02 | 2.509e+04 |
| | | 2.509e+04 | -1.964e+04 | -2.80e-04 | 0.0 | 30.0 | -627.66 | 226.29 | -654.67 | 1.465e+04 | -1.964e+04 | 1.519e+05 |
| 404 | 443 | 1.466e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -491.09 | 496.63 | -586.69 | 1.132e+04 | -0.01 | 1.981e+04 |
| | | 1.981e+04 | -1.760e+04 | -8.31e-05 | 0.0 | 30.0 | -491.09 | 201.32 | -586.69 | 1.132e+04 | -1.760e+04 | 1.466e+05 |
| 404 | 444 | 1.520e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -626.79 | 522.55 | -664.90 | 1.486e+04 | -0.02 | 2.508e+04 |
| | | 2.508e+04 | -1.995e+04 | -2.60e-04 | 0.0 | 30.0 | -626.79 | 227.24 | -664.90 | 1.486e+04 | -1.995e+04 | 1.520e+05 |
| 404 | 459 | 1.477e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -527.72 | 489.29 | -466.16 | 8023.99 | -0.01 | 2.127e+04 |
| | | 2.127e+04 | -1.398e+04 | -1.25e-04 | 0.0 | 30.0 | -527.72 | 193.98 | -466.16 | 8023.99 | -1.398e+04 | 1.477e+05 |
| 404 | 468 | 1.509e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -588.05 | 532.17 | -817.50 | 1.880e+04 | -0.02 | 2.358e+04 |
| | | 2.358e+04 | -2.452e+04 | -1.51e-04 | 0.0 | 30.0 | -588.05 | 236.86 | -817.50 | 1.880e+04 | -2.452e+04 | 1.509e+05 |
| 405 | 49 | 3.455e+05 | 4.432e+04 | 0.02 | -398.67 | 0.0 | -7733.68 | -767.07 | -1477.32 | 3.736e+04 | 4.432e+04 | 3.455e+05 |
| | | 5.430e+04 | 0.05 | -5.06e-04 | 0.0 | 30.0 | -7733.68 | -1165.74 | -1477.32 | 3.736e+04 | 0.05 | 5.430e+04 |
| 405 | 51 | 3.464e+05 | 4.377e+04 | 0.02 | -398.67 | 0.0 | -7745.77 | -777.56 | -1459.12 | 3.621e+04 | 4.377e+04 | 3.464e+05 |
| | | 5.394e+04 | 0.05 | -4.96e-04 | 0.0 | 30.0 | -7745.77 | -1176.23 | -1459.12 | 3.621e+04 | 0.05 | 5.394e+04 |
| 405 | 168 | 2.110e+05 | 2.750e+04 | 0.02 | -295.31 | 0.0 | -4742.63 | -412.53 | -916.55 | 2.197e+04 | 2.750e+04 | 2.110e+05 |
| | | 3.298e+04 | 0.02 | -1.79e-04 | 0.0 | 30.0 | -4742.63 | -707.84 | -916.55 | 2.197e+04 | 0.02 | 3.298e+04 |
| 405 | 188 | 1.678e+05 | 2.200e+04 | 0.02 | -295.31 | 0.0 | -3804.44 | -253.80 | -733.31 | 1.823e+04 | 2.200e+04 | 1.678e+05 |
| | | 2.644e+04 | 0.02 | -2.42e-04 | 0.0 | 30.0 | -3804.44 | -549.11 | -733.31 | 1.823e+04 | 0.02 | 2.644e+04 |
| 405 | 198 | 1.653e+05 | 2.259e+04 | 0.02 | -295.31 | 0.0 | -3760.38 | -232.70 | -752.90 | 1.974e+04 | 2.259e+04 | 1.653e+05 |
| | | 2.679e+04 | 0.02 | -2.52e-04 | 0.0 | 30.0 | -3760.38 | -528.01 | -752.90 | 1.974e+04 | 0.02 | 2.679e+04 |
| 405 | 285 | 2.561e+05 | 3.269e+04 | 0.02 | -295.31 | 0.0 | -5731.18 | -568.38 | -1089.63 | 2.748e+04 | 3.269e+04 | 2.561e+05 |
| | | 4.019e+04 | 0.04 | -3.73e-04 | 0.0 | 30.0 | -5731.18 | -863.70 | -1089.63 | 2.748e+04 | 0.04 | 4.019e+04 |
| 405 | 286 | 2.566e+05 | 3.232e+04 | 0.02 | -295.31 | 0.0 | -5739.24 | -575.38 | -1077.50 | 2.671e+04 | 3.232e+04 | 2.566e+05 |
| | | 3.996e+04 | 0.03 | -3.67e-04 | 0.0 | 30.0 | -5739.24 | -870.69 | -1077.50 | 2.671e+04 | 0.03 | 3.996e+04 |
| 405 | 344 | 1.981e+05 | 2.547e+04 | 0.02 | -295.31 | 0.0 | -4448.53 | -378.40 | -849.00 | 1.961e+04 | 2.547e+04 | 1.981e+05 |
| | | 3.052e+04 | 0.02 | -1.81e-04 | 0.0 | 30.0 | -4448.53 | -673.71 | -849.00 | 1.961e+04 | 0.02 | 3.052e+04 |
| 405 | 354 | 1.661e+05 | 2.139e+04 | 0.02 | -295.31 | 0.0 | -3751.86 | -260.53 | -712.93 | 1.683e+04 | 2.139e+04 | 1.661e+05 |
| | | 2.566e+04 | 0.02 | -2.28e-04 | 0.0 | 30.0 | -3751.86 | -555.84 | -712.93 | 1.683e+04 | 0.02 | 2.566e+04 |
| 405 | 359 | 1.643e+05 | 2.178e+04 | 0.02 | -295.31 | 0.0 | -3722.20 | -246.41 | -725.94 | 1.783e+04 | 2.178e+04 | 1.643e+05 |
| | | 2.590e+04 | 0.02 | -2.35e-04 | 0.0 | 30.0 | -3722.20 | -541.73 | -725.94 | 1.783e+04 | 0.02 | 2.590e+04 |
| 405 | 392 | 1.453e+05 | 1.818e+04 | 0.02 | -295.31 | 0.0 | -3288.74 | -199.02 | -606.00 | 1.265e+04 | 1.818e+04 | 1.453e+05 |
| | | 2.189e+04 | 0.02 | -1.77e-04 | 0.0 | 30.0 | -3288.74 | -494.33 | -606.00 | 1.265e+04 | 0.02 | 2.189e+04 |
| 405 | 396 | 2.167e+05 | 2.670e+04 | 0.01 | -295.31 | 0.0 | -4849.76 | -452.55 | -889.93 | 1.989e+04 | 2.670e+04 | 2.167e+05 |
| | | 3.289e+04 | 0.03 | -2.74e-04 | 0.0 | 30.0 | -4849.76 | -747.86 | -889.93 | 1.989e+04 | 0.03 | 3.289e+04 |
| 405 | 407 | 1.484e+05 | 1.854e+04 | 0.02 | -295.31 | 0.0 | -3354.25 | -210.72 | -617.99 | 1.288e+04 | 1.854e+04 | 1.484e+05 |
| | | 2.230e+04 | 0.02 | -1.81e-04 | 0.0 | 30.0 | -3354.25 | -506.04 | -617.99 | 1.288e+04 | 0.02 | 2.230e+04 |
| 405 | 416 | 1.462e+05 | 1.426e+04 | 0.02 | -295.31 | 0.0 | -3329.47 | -165.45 | -475.36 | 1.045e+04 | 1.426e+04 | 1.462e+05 |
| | | 2.120e+04 | 0.02 | -1.96e-04 | 0.0 | 30.0 | -3329.47 | -460.76 | -475.36 | 1.045e+04 | 0.02 | 2.120e+04 |
| 405 | 428 | 1.461e+05 | 6906.45 | 0.02 | -295.31 | 0.0 | -3328.16 | -169.23 | -230.21 | 1860.52 | 6906.45 | 1.461e+05 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|---------|----------|------------|------------|-----------|
| | | 2.120e+04 | 0.01 | -1.44e-04 | 0.0 | 30.0 | -3328.16 | -464.55 | -230.21 | 1860.52 | 0.01 | 2.120e+04 |
| 405 | 431 | 1.506e+05 | 3.017e+04 | 0.02 | -295.31 | 0.0 | -3380.34 | -252.21 | -1005.76 | 2.390e+04 | 3.017e+04 | 1.506e+05 |
| | | 2.340e+04 | 0.02 | -2.18e-04 | 0.0 | 30.0 | -3380.34 | -547.53 | -1005.76 | 2.390e+04 | 0.02 | 2.340e+04 |
| 405 | 434 | 1.470e+05 | 3492.61 | 0.02 | -295.31 | 0.0 | -3345.46 | -171.46 | -116.42 | -2270.47 | 3492.61 | 1.470e+05 |
| | | 2.197e+04 | 6.83e-03 | 5.94e-06 | 0.0 | 30.0 | -3345.46 | -466.78 | -116.42 | -2270.47 | 6.83e-03 | 2.197e+04 |
| 405 | 435 | 1.507e+05 | 3.435e+04 | 0.02 | -295.31 | 0.0 | -3373.67 | -271.93 | -1145.16 | 2.841e+04 | 3.435e+04 | 1.507e+05 |
| | | 2.312e+04 | 0.03 | -2.74e-04 | 0.0 | 30.0 | -3373.67 | -567.25 | -1145.16 | 2.841e+04 | 0.03 | 2.312e+04 |
| 405 | 460 | 1.473e+05 | 1.364e+04 | 0.02 | -295.31 | 0.0 | -3336.76 | -181.57 | -454.57 | 8366.56 | 1.364e+04 | 1.473e+05 |
| | | 2.167e+04 | 0.01 | -1.92e-04 | 0.0 | 30.0 | -3336.76 | -476.88 | -454.57 | 8366.56 | 0.01 | 2.167e+04 |
| 405 | 463 | 1.494e+05 | 2.344e+04 | 0.02 | -295.31 | 0.0 | -3371.74 | -239.88 | -781.40 | 1.739e+04 | 2.344e+04 | 1.494e+05 |
| | | 2.293e+04 | 0.02 | -1.70e-04 | 0.0 | 30.0 | -3371.74 | -535.19 | -781.40 | 1.739e+04 | 0.02 | 2.293e+04 |
| 405 | 466 | 1.310e+05 | 1.107e+04 | 0.02 | -295.31 | 0.0 | -3349.96 | -191.32 | -369.09 | 5357.70 | 1.107e+04 | 1.310e+05 |
| | | 2.214e+04 | 0.01 | -8.81e-05 | 0.0 | 30.0 | -3349.96 | -486.64 | -369.09 | 5357.70 | 0.01 | 2.214e+04 |
| 405 | 467 | 1.495e+05 | 2.640e+04 | 0.02 | -295.31 | 0.0 | -3363.88 | -241.15 | -879.84 | 2.059e+04 | 2.640e+04 | 1.495e+05 |
| | | 2.271e+04 | 0.02 | -2.27e-04 | 0.0 | 30.0 | -3363.88 | -536.46 | -879.84 | 2.059e+04 | 0.02 | 2.271e+04 |
| 406 | 108 | 2.159e+05 | 2.791e+04 | -0.02 | -295.31 | 0.0 | -831.75 | 727.08 | 930.31 | -2.216e+04 | 0.02 | 2.159e+05 |
| | | 3.356e+04 | 0.02 | 1.80e-04 | 0.0 | 30.0 | -831.75 | 431.76 | 930.31 | -2.216e+04 | 2.791e+04 | 2.159e+05 |
| 406 | 109 | 3.242e+05 | 4.198e+04 | -0.02 | -398.67 | 0.0 | -1271.59 | 1075.48 | 1399.39 | -3.600e+04 | 0.04 | 5.148e+04 |
| | | 5.148e+04 | 0.04 | 3.31e-04 | 0.0 | 30.0 | -1271.59 | 676.81 | 1399.39 | -3.600e+04 | 4.198e+04 | 3.242e+05 |
| 406 | 188 | 1.714e+05 | 2.207e+04 | -0.02 | -295.31 | 0.0 | -668.24 | 563.32 | 735.57 | -1.887e+04 | 0.03 | 2.730e+04 |
| | | 2.703e+04 | 0.03 | 2.74e-04 | 0.0 | 30.0 | -668.24 | 268.01 | 735.57 | -1.887e+04 | 2.207e+04 | 1.714e+05 |
| 406 | 209 | 3.293e+05 | 4.184e+04 | -0.02 | -398.67 | 0.0 | -1276.12 | 1104.78 | 1394.53 | -3.537e+04 | 0.05 | 5.170e+04 |
| | | 5.170e+04 | 0.05 | 4.83e-04 | 0.0 | 30.0 | -1276.12 | 706.11 | 1394.53 | -3.537e+04 | 4.184e+04 | 3.293e+05 |
| 406 | 211 | 3.302e+05 | 4.130e+04 | -0.02 | -398.67 | 0.0 | -1268.32 | 1115.29 | 1376.78 | -3.424e+04 | 0.04 | 5.136e+04 |
| | | 5.136e+04 | 0.04 | 4.75e-04 | 0.0 | 30.0 | -1268.32 | 716.62 | 1376.78 | -3.424e+04 | 4.130e+04 | 3.302e+05 |
| 406 | 314 | 2.016e+05 | 2.576e+04 | -0.02 | -295.31 | 0.0 | -768.64 | 687.35 | 858.65 | -1.976e+04 | 0.02 | 3.095e+04 |
| | | 3.095e+04 | 0.02 | 1.81e-04 | 0.0 | 30.0 | -768.64 | 392.04 | 858.65 | -1.976e+04 | 2.576e+04 | 2.016e+05 |
| 406 | 315 | 2.399e+05 | 3.092e+04 | -0.02 | -295.31 | 0.0 | -940.08 | 795.48 | 1030.74 | -2.645e+04 | 0.03 | 3.806e+04 |
| | | 3.806e+04 | 0.03 | 2.43e-04 | 0.0 | 30.0 | -940.08 | 500.16 | 1030.74 | -2.645e+04 | 3.092e+04 | 2.399e+05 |
| 406 | 354 | 1.685e+05 | 2.142e+04 | -0.02 | -295.31 | 0.0 | -647.22 | 565.75 | 714.04 | -1.731e+04 | 0.02 | 2.610e+04 |
| | | 2.610e+04 | 0.02 | 2.51e-04 | 0.0 | 30.0 | -647.22 | 270.44 | 714.04 | -1.731e+04 | 2.142e+04 | 1.685e+05 |
| 406 | 365 | 2.437e+05 | 3.081e+04 | -0.02 | -295.31 | 0.0 | -943.43 | 817.18 | 1027.14 | -2.598e+04 | 0.03 | 3.823e+04 |
| | | 3.823e+04 | 0.03 | 3.56e-04 | 0.0 | 30.0 | -943.43 | 521.86 | 1027.14 | -2.598e+04 | 3.081e+04 | 2.437e+05 |
| 406 | 366 | 2.442e+05 | 3.046e+04 | -0.02 | -295.31 | 0.0 | -938.23 | 824.19 | 1015.31 | -2.523e+04 | 0.03 | 3.800e+04 |
| | | 3.800e+04 | 0.03 | 3.50e-04 | 0.0 | 30.0 | -938.23 | 528.87 | 1015.31 | -2.523e+04 | 3.046e+04 | 2.442e+05 |
| 406 | 392 | 1.491e+05 | 1.858e+04 | -0.02 | -295.31 | 0.0 | -558.38 | 508.74 | 619.43 | -1.294e+04 | 0.02 | 2.241e+04 |
| | | 2.241e+04 | 0.02 | 1.79e-04 | 0.0 | 30.0 | -558.38 | 213.42 | 619.43 | -1.294e+04 | 1.858e+04 | 1.491e+05 |
| 406 | 399 | 2.024e+05 | 2.516e+04 | -0.02 | -295.31 | 0.0 | -770.13 | 688.27 | 838.56 | -1.903e+04 | 0.02 | 3.105e+04 |
| | | 3.105e+04 | 0.02 | 1.74e-04 | 0.0 | 30.0 | -770.13 | 392.95 | 838.56 | -1.903e+04 | 2.516e+04 | 2.024e+05 |
| 406 | 404 | 2.053e+05 | 2.508e+04 | -0.02 | -295.31 | 0.0 | -772.65 | 704.54 | 835.86 | -1.868e+04 | 0.02 | 3.117e+04 |
| | | 3.117e+04 | 0.02 | 2.59e-04 | 0.0 | 30.0 | -772.65 | 409.23 | 835.86 | -1.868e+04 | 2.508e+04 | 2.053e+05 |
| 406 | 407 | 1.492e+05 | 1.861e+04 | -0.02 | -295.31 | 0.0 | -559.28 | 508.73 | 620.42 | -1.298e+04 | 0.02 | 2.244e+04 |
| | | 2.244e+04 | 0.02 | 1.79e-04 | 0.0 | 30.0 | -559.28 | 213.42 | 620.42 | -1.298e+04 | 1.861e+04 | 1.492e+05 |
| 406 | 421 | 1.546e+05 | 2.128e+04 | -0.02 | -295.31 | 0.0 | -695.03 | 535.75 | 709.45 | -1.674e+04 | 0.02 | 2.775e+04 |
| | | 2.775e+04 | 0.02 | 3.23e-04 | 0.0 | 30.0 | -695.03 | 240.44 | 709.45 | -1.674e+04 | 2.128e+04 | 1.546e+05 |
| 406 | 422 | 1.437e+05 | 1.594e+04 | -0.02 | -295.31 | 0.0 | -423.53 | 481.70 | 531.40 | -9226.85 | 0.01 | 1.714e+04 |
| | | 1.714e+04 | 0.01 | 3.53e-05 | 0.0 | 30.0 | -423.53 | 186.39 | 531.40 | -9226.85 | 1.594e+04 | 1.437e+05 |
| 406 | 425 | 1.526e+05 | 3.121e+04 | -0.02 | -295.31 | 0.0 | -617.00 | 564.15 | 1040.20 | -2.501e+04 | 0.02 | 2.472e+04 |
| | | 2.472e+04 | 0.02 | 2.09e-04 | 0.0 | 30.0 | -617.00 | 268.84 | 1040.20 | -2.501e+04 | 3.121e+04 | 1.526e+05 |
| 406 | 430 | 1.457e+05 | 6509.21 | -0.02 | -295.31 | 0.0 | -501.34 | 453.40 | 216.97 | -1293.32 | 0.01 | 2.015e+04 |
| | | 2.015e+04 | 0.01 | 1.08e-04 | 0.0 | 30.0 | -501.34 | 158.09 | 216.97 | -1293.32 | 6509.21 | 1.457e+05 |
| 406 | 453 | 1.519e+05 | 1.993e+04 | -0.02 | -295.31 | 0.0 | -627.11 | 522.16 | 664.45 | -1.485e+04 | 0.02 | 2.509e+04 |
| | | 2.509e+04 | 0.02 | 2.51e-04 | 0.0 | 30.0 | -627.11 | 226.85 | 664.45 | -1.485e+04 | 1.993e+04 | 1.519e+05 |
| 406 | 454 | 1.464e+05 | 1.729e+04 | -0.02 | -295.31 | 0.0 | -491.45 | 495.30 | 576.40 | -1.111e+04 | 0.01 | 1.979e+04 |
| | | 1.979e+04 | 0.01 | 1.08e-04 | 0.0 | 30.0 | -491.45 | 199.98 | 576.40 | -1.111e+04 | 1.729e+04 | 1.464e+05 |
| 406 | 462 | 1.478e+05 | 1.393e+04 | -0.02 | -295.31 | 0.0 | -530.75 | 493.17 | 464.27 | -7991.10 | 0.01 | 2.131e+04 |
| | | 2.131e+04 | 0.01 | 1.25e-04 | 0.0 | 30.0 | -530.75 | 197.85 | 464.27 | -7991.10 | 1.393e+04 | 1.478e+05 |
| 406 | 465 | 1.509e+05 | 2.450e+04 | -0.02 | -295.31 | 0.0 | -589.28 | 531.43 | 816.78 | -1.890e+04 | 0.02 | 2.365e+04 |
| | | 2.365e+04 | 0.02 | 1.48e-04 | 0.0 | 30.0 | -589.28 | 236.12 | 816.78 | -1.890e+04 | 2.450e+04 | 1.509e+05 |
| 407 | 51 | 3.269e+05 | -0.07 | 0.02 | -398.67 | 0.0 | -7383.94 | -563.82 | 2180.86 | -4.849e+04 | -6.475e+04 | 3.269e+05 |
| | | 4.258e+04 | -6.475e+04 | 3.11e-04 | -45.09 | 30.0 | -7383.94 | -962.50 | 2135.77 | -4.849e+04 | -0.07 | 4.258e+04 |
| 407 | 110 | 2.001e+05 | 0.03 | 0.06 | -295.31 | 0.0 | -4301.47 | -466.47 | 1112.33 | -1.964e+04 | -3.337e+04 | 2.001e+05 |
| | | 1.559e+04 | -3.337e+04 | -5.11e-04 | 0.0 | 30.0 | -4301.47 | -761.78 | 1112.33 | -1.964e+04 | 0.03 | 1.559e+04 |
| 407 | 114 | 1.642e+05 | 0.02 | 0.05 | -295.31 | 0.0 | -3591.53 | -289.20 | 927.19 | -1.696e+04 | -2.782e+04 | 1.642e+05 |
| | | 1.438e+04 | -2.782e+04 | -3.62e-04 | 0.0 | 30.0 | -3591.53 | -584.51 | 927.19 | -1.696e+04 | 0.02 | 1.438e+04 |
| 407 | 134 | 4.818e+04 | -1.20e-03 | 0.02 | -295.31 | 0.0 | -3433.10 | 3063.04 | 990.08 | -7157.40 | -2.970e+04 | 4.818e+04 |
| | | 1.707e+04 | -2.970e+04 | -7.67e-05 | 0.0 | 30.0 | -3433.10 | 2767.73 | 990.08 | -7157.40 | -1.20e-03 | 1.707e+04 |
| 407 | 286 | 2.424e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -5474.44 | -420.49 | 1614.44 | -3.609e+04 | -4.798e+04 | 2.424e+05 |
| | | 3.160e+04 | -4.798e+04 | 2.33e-04 | -30.06 | 30.0 | -5474.44 | -715.80 | 1584.38 | -3.609e+04 | -0.05 | 3.160e+04 |
| 407 | 315 | 1.902e+05 | 0.01 | 0.05 | -295.31 | 0.0 | -4166.54 | -361.07 | 1129.62 | -2.135e+04 | -3.389e+04 | 1.902e+05 |
| | | 1.810e+04 | -3.389e+04 | -3.13e-04 | 0.0 | 30.0 | -4166.54 | -656.38 | 1129.62 | -2.135e+04 | 0.01 | 1.810e+04 |
| 407 | 317 | 1.637e+05 | 4.75e-03 | 0.04 | -295.31 | 0.0 | -3644.19 | -230.32 | 994.19 | -1.943e+04 | -2.983e+04 | 1.637e+05 |
| | | 1.724e+04 | -2.983e+04 | -2.01e-04 | 0.0 | 30.0 | -3644.19 | -525.64 | 994.19 | -1.943e+04 | 4.75e-03 | 1.724e+04 |
| 407 | 327 | 7.761e+04 | -0.01 | 0.02 | -295.31 | 0.0 | -3526.55 | 2258.96 | 1040.90 | -1.215e+04 | -3.123e+04 | 7.761e+04 |
| | | 1.924e+04 | -3.123e+04 | 1.44e-05 | 0.0 | 30.0 | -3526.55 | 1963.65 | 1040.90 | -1.215e+04 | -0.01 | 1.924e+04 |
| 407 | 393 | 1.429e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -3315.66 | -62.97 | 964.82 | -2.154e+04 | -2.894e+04 | 1.429e+05 |
| | | 2.015e+04 | -2.894e+04 | 1.33e-04 | 0.0 | 30.0 | -3315.66 | -358.28 | 964.82 | -2.154e+04 | -0.03 | 2.015e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|---------|----------|------------|------------|-----------|
| 407 | 396 | 2.109e+05 | -0.05 | 0.01 | -295.31 | 0.0 | -4807.08 | -296.04 | 1419.85 | -3.331e+04 | -4.260e+04 | 2.109e+05 |
| | | 2.941e+04 | -4.260e+04 | 2.74e-04 | 0.0 | 30.0 | -4807.08 | -591.35 | 1419.85 | -3.331e+04 | -0.05 | 2.941e+04 |
| 407 | 399 | 1.736e+05 | -6.60e-03 | 0.04 | -295.31 | 0.0 | -3870.22 | -254.10 | 1097.25 | -2.295e+04 | -3.292e+04 | 1.736e+05 |
| | | 1.997e+04 | -3.292e+04 | -1.12e-04 | 0.0 | 30.0 | -3870.22 | -549.42 | 1097.25 | -2.295e+04 | -6.60e-03 | 1.997e+04 |
| 407 | 407 | 1.471e+05 | -0.04 | 0.02 | -295.31 | 0.0 | -3413.00 | -71.11 | 1018.10 | -2.346e+04 | -3.054e+04 | 1.471e+05 |
| | | 2.159e+04 | -3.054e+04 | 1.87e-04 | 0.0 | 30.0 | -3413.00 | -366.43 | 1018.10 | -2.346e+04 | -0.04 | 2.159e+04 |
| 407 | 432 | 1.593e+05 | -0.07 | 0.02 | -295.31 | 0.0 | -3671.64 | -145.88 | 1636.80 | -4.307e+04 | -4.910e+04 | 1.593e+05 |
| | | 3.187e+04 | -4.910e+04 | 7.28e-04 | 0.0 | 30.0 | -3671.64 | -441.19 | 1636.80 | -4.307e+04 | -0.07 | 3.187e+04 |
| 407 | 433 | 1.354e+05 | -6.52e-04 | 0.02 | -295.31 | 0.0 | -3142.56 | -16.10 | 454.21 | -5995.06 | -1.363e+04 | 1.354e+05 |
| | | 1.099e+04 | -1.363e+04 | -3.18e-04 | 0.0 | 30.0 | -3142.56 | -311.41 | 454.21 | -5995.06 | -6.52e-04 | 1.099e+04 |
| 407 | 434 | 1.587e+05 | -0.07 | 0.02 | -295.31 | 0.0 | -3683.45 | -126.12 | 1581.99 | -4.093e+04 | -4.746e+04 | 1.587e+05 |
| | | 3.219e+04 | -4.746e+04 | 6.93e-04 | 0.0 | 30.0 | -3683.45 | -421.44 | 1581.99 | -4.093e+04 | -0.07 | 3.219e+04 |
| 407 | 436 | 1.594e+05 | -0.08 | 0.02 | -295.31 | 0.0 | -3682.88 | -146.03 | 1629.59 | -4.273e+04 | -4.889e+04 | 1.594e+05 |
| | | 3.222e+04 | -4.889e+04 | 7.57e-04 | 0.0 | 30.0 | -3682.88 | -441.34 | 1629.59 | -4.273e+04 | -0.08 | 3.222e+04 |
| 407 | 439 | 1.347e+05 | 2.91e-03 | 0.02 | -295.31 | 0.0 | -3143.13 | 3.80 | 406.61 | -4199.07 | -1.220e+04 | 1.347e+05 |
| | | 1.096e+04 | -1.220e+04 | -3.82e-04 | 0.0 | 30.0 | -3143.13 | -291.51 | 406.61 | -4199.07 | 2.91e-03 | 1.096e+04 |
| 407 | 464 | 1.531e+05 | -0.06 | 0.02 | -295.31 | 0.0 | -3541.35 | -108.16 | 1325.43 | -3.320e+04 | -3.976e+04 | 1.531e+05 |
| | | 2.669e+04 | -3.976e+04 | 4.56e-04 | 0.0 | 30.0 | -3541.35 | -403.47 | 1325.43 | -3.320e+04 | -0.06 | 2.669e+04 |
| 407 | 465 | 1.413e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3278.69 | -43.88 | 738.29 | -1.479e+04 | -2.215e+04 | 1.413e+05 |
| | | 1.633e+04 | -2.215e+04 | -6.36e-05 | 0.0 | 30.0 | -3278.69 | -339.20 | 738.29 | -1.479e+04 | -0.02 | 1.633e+04 |
| 407 | 466 | 1.528e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -3547.32 | -98.34 | 1297.91 | -3.213e+04 | -3.894e+04 | 1.528e+05 |
| | | 2.685e+04 | -3.894e+04 | 4.39e-04 | 0.0 | 30.0 | -3547.32 | -393.65 | 1297.91 | -3.213e+04 | -0.05 | 2.685e+04 |
| 407 | 468 | 1.532e+05 | -0.06 | 0.02 | -295.31 | 0.0 | -3547.04 | -108.23 | 1321.84 | -3.303e+04 | -3.966e+04 | 1.532e+05 |
| | | 2.687e+04 | -3.966e+04 | 4.71e-04 | 0.0 | 30.0 | -3547.04 | -403.55 | 1321.84 | -3.303e+04 | -0.06 | 2.687e+04 |
| 407 | 471 | 1.409e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3278.96 | -33.99 | 714.36 | -1.390e+04 | -2.143e+04 | 1.409e+05 |
| | | 1.631e+04 | -2.143e+04 | -9.56e-05 | 0.0 | 30.0 | -3278.96 | -329.31 | 714.36 | -1.390e+04 | -0.02 | 1.631e+04 |
| 408 | 170 | 2.000e+05 | 0.03 | -0.06 | -295.31 | 0.0 | -398.24 | 764.11 | -1115.09 | 1.973e+04 | 0.03 | 1.570e+04 |
| | | 1.570e+04 | -3.345e+04 | 5.03e-04 | 0.0 | 30.0 | -398.24 | 468.80 | -1115.09 | 1.973e+04 | -3.345e+04 | 2.000e+05 |
| 408 | 174 | 1.654e+05 | 0.02 | -0.05 | -295.31 | 0.0 | -361.46 | 590.41 | -938.76 | 1.730e+04 | 0.02 | 1.469e+04 |
| | | 1.469e+04 | -2.816e+04 | 3.53e-04 | 0.0 | 30.0 | -361.46 | 295.10 | -938.76 | 1.730e+04 | -2.816e+04 | 1.654e+05 |
| 408 | 203 | 3.036e+05 | -0.07 | -0.03 | -398.67 | 0.0 | -1012.77 | 796.51 | -2034.00 | 4.656e+04 | -0.07 | 4.215e+04 |
| | | 4.215e+04 | -6.170e+04 | -3.50e-04 | -45.09 | 30.0 | -1012.77 | 397.84 | -2079.09 | 4.656e+04 | -6.170e+04 | 3.036e+05 |
| 408 | 211 | 3.120e+05 | -0.06 | -0.02 | -398.67 | 0.0 | -994.69 | 910.80 | -2049.93 | 4.641e+04 | -0.06 | 4.087e+04 |
| | | 4.087e+04 | -6.217e+04 | -2.94e-04 | -45.09 | 30.0 | -994.69 | 512.13 | -2095.02 | 4.641e+04 | -6.217e+04 | 3.120e+05 |
| 408 | 345 | 1.899e+05 | 0.01 | -0.05 | -295.31 | 0.0 | -447.12 | 657.77 | -1130.12 | 2.137e+04 | 0.01 | 1.813e+04 |
| | | 1.813e+04 | -3.390e+04 | 3.06e-04 | 0.0 | 30.0 | -447.12 | 362.46 | -1130.12 | 2.137e+04 | -3.390e+04 | 1.899e+05 |
| 408 | 347 | 1.644e+05 | 3.86e-03 | -0.04 | -295.31 | 0.0 | -420.87 | 529.65 | -1001.14 | 1.963e+04 | 3.86e-03 | 1.742e+04 |
| | | 1.742e+04 | -3.003e+04 | 1.94e-04 | 0.0 | 30.0 | -420.87 | 234.34 | -1001.14 | 1.963e+04 | -3.003e+04 | 1.644e+05 |
| 408 | 362 | 2.221e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -741.36 | 587.42 | -1487.81 | 3.417e+04 | -0.05 | 3.083e+04 |
| | | 3.083e+04 | -4.509e+04 | -2.58e-04 | -30.06 | 30.0 | -741.36 | 292.11 | -1517.87 | 3.417e+04 | -4.509e+04 | 2.221e+05 |
| 408 | 366 | 2.310e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -737.16 | 676.24 | -1518.10 | 3.447e+04 | -0.05 | 3.026e+04 |
| | | 3.026e+04 | -4.599e+04 | -2.21e-04 | -30.06 | 30.0 | -737.16 | 380.93 | -1548.16 | 3.447e+04 | -4.599e+04 | 2.310e+05 |
| 408 | 402 | 1.710e+05 | -6.34e-03 | -0.04 | -295.31 | 0.0 | -474.74 | 542.68 | -1080.73 | 2.248e+04 | -6.34e-03 | 1.958e+04 |
| | | 1.958e+04 | -3.242e+04 | 1.11e-04 | 0.0 | 30.0 | -474.74 | 247.37 | -1080.73 | 2.248e+04 | -3.242e+04 | 1.710e+05 |
| 408 | 404 | 1.999e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -676.09 | 553.86 | -1353.41 | 3.162e+04 | -0.05 | 2.800e+04 |
| | | 2.800e+04 | -4.060e+04 | -2.61e-04 | 0.0 | 30.0 | -676.09 | 258.54 | -1353.41 | 3.162e+04 | -4.060e+04 | 1.999e+05 |
| 408 | 407 | 1.477e+05 | -0.04 | -0.02 | -295.31 | 0.0 | -514.31 | 369.72 | -1022.23 | 2.355e+04 | -0.04 | 2.164e+04 |
| | | 2.164e+04 | -3.067e+04 | -1.92e-04 | 0.0 | 30.0 | -514.31 | 74.41 | -1022.23 | 2.355e+04 | -3.067e+04 | 1.477e+05 |
| 408 | 424 | 1.595e+05 | -0.06 | -0.02 | -295.31 | 0.0 | -751.17 | 470.05 | -1506.11 | 3.856e+04 | -0.06 | 3.109e+04 |
| | | 3.109e+04 | -4.518e+04 | -5.67e-04 | 0.0 | 30.0 | -751.17 | 174.74 | -1506.11 | 3.856e+04 | -4.518e+04 | 1.595e+05 |
| 408 | 427 | 1.359e+05 | -9.25e-03 | -0.02 | -295.31 | 0.0 | -277.44 | 269.39 | -538.35 | 8531.82 | -9.25e-03 | 1.219e+04 |
| | | 1.219e+04 | -1.615e+04 | 1.84e-04 | 0.0 | 30.0 | -277.44 | -25.92 | -538.35 | 8531.82 | -1.615e+04 | 1.359e+05 |
| 408 | 428 | 1.594e+05 | -0.06 | -0.02 | -295.31 | 0.0 | -747.61 | 470.39 | -1516.68 | 3.901e+04 | -0.06 | 3.094e+04 |
| | | 3.094e+04 | -4.550e+04 | -5.26e-04 | 0.0 | 30.0 | -747.61 | 175.07 | -1516.68 | 3.901e+04 | -4.550e+04 | 1.594e+05 |
| 408 | 432 | 1.590e+05 | -0.06 | -0.02 | -295.31 | 0.0 | -758.81 | 448.85 | -1503.49 | 3.870e+04 | -0.06 | 3.136e+04 |
| | | 3.136e+04 | -4.510e+04 | -4.79e-04 | 0.0 | 30.0 | -758.81 | 153.54 | -1503.49 | 3.870e+04 | -4.510e+04 | 1.590e+05 |
| 408 | 435 | 1.364e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -269.80 | 290.59 | -540.97 | 8398.45 | -0.01 | 1.192e+04 |
| | | 1.192e+04 | -1.623e+04 | 9.54e-05 | 0.0 | 30.0 | -269.80 | -4.72 | -540.97 | 8398.45 | -1.623e+04 | 1.364e+05 |
| 408 | 459 | 1.428e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -409.25 | 326.06 | -823.51 | 1.706e+04 | -0.02 | 1.746e+04 |
| | | 1.746e+04 | -2.471e+04 | -6.21e-06 | 0.0 | 30.0 | -409.25 | 30.75 | -823.51 | 1.706e+04 | -2.471e+04 | 1.428e+05 |
| 408 | 464 | 1.533e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -635.76 | 408.77 | -1261.16 | 3.107e+04 | -0.05 | 2.647e+04 |
| | | 2.647e+04 | -3.783e+04 | -3.34e-04 | 0.0 | 30.0 | -635.76 | 113.46 | -1261.16 | 3.107e+04 | -3.783e+04 | 1.533e+05 |
| 408 | 467 | 1.421e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -392.85 | 330.68 | -783.30 | 1.603e+04 | -0.02 | 1.681e+04 |
| | | 1.681e+04 | -2.350e+04 | -4.90e-05 | 0.0 | 30.0 | -392.85 | 35.36 | -783.30 | 1.603e+04 | -2.350e+04 | 1.421e+05 |
| 408 | 468 | 1.533e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -633.98 | 408.94 | -1266.44 | 3.129e+04 | -0.05 | 2.640e+04 |
| | | 2.640e+04 | -3.799e+04 | -3.14e-04 | 0.0 | 30.0 | -633.98 | 113.62 | -1266.44 | 3.129e+04 | -3.799e+04 | 1.533e+05 |
| 409 | 148 | 1.894e+05 | 3.953e+04 | 0.02 | -295.31 | 0.0 | -4406.01 | -130.39 | -1317.63 | 3.287e+04 | 3.953e+04 | 1.894e+05 |
| | | 2.931e+04 | 0.06 | -3.40e-04 | 0.0 | 30.0 | -4406.01 | -425.70 | -1317.63 | 3.287e+04 | 0.06 | 2.931e+04 |
| 409 | 188 | 5.070e+04 | 4.554e+04 | 0.03 | -295.31 | 0.0 | -4791.67 | 4672.30 | -1518.00 | 1.934e+04 | 4.554e+04 | 5.070e+04 |
| | | 3.241e+04 | 0.05 | -3.69e-04 | 0.0 | 30.0 | -4791.67 | 4376.99 | -1518.00 | 1.934e+04 | 0.05 | 3.241e+04 |
| 409 | 209 | 3.911e+05 | 8.251e+04 | 0.03 | -398.67 | 0.0 | -9033.31 | -493.56 | -2772.73 | 6.928e+04 | 8.251e+04 | 3.911e+05 |
| | | 6.293e+04 | 0.11 | -6.06e-04 | 45.09 | 30.0 | -9033.31 | -892.23 | -2772.73 | 6.928e+04 | 0.11 | 6.293e+04 |
| 409 | 334 | 1.812e+05 | 3.808e+04 | 0.02 | -295.31 | 0.0 | -4220.01 | -110.17 | -1269.40 | 3.072e+04 | 3.808e+04 | 1.812e+05 |
| | | 2.793e+04 | 0.05 | -3.07e-04 | 0.0 | 30.0 | -4220.01 | -405.48 | -1269.40 | 3.072e+04 | 0.05 | 2.793e+04 |
| 409 | 354 | 7.825e+04 | 4.255e+04 | 0.02 | -295.31 | 0.0 | -4506.39 | 3456.18 | -1418.19 | 2.067e+04 | 4.255e+04 | 7.825e+04 |
| | | 3.023e+04 | 0.05 | -3.28e-04 | 0.0 | 30.0 | -4506.39 | 3160.87 | -1418.19 | 2.067e+04 | 0.05 | 3.023e+04 |
| 409 | 365 | 2.887e+05 | 6.070e+04 | 0.02 | -295.31 | 0.0 | -6665.53 | -365.27 | -2038.23 | 5.098e+04 | 6.070e+04 | 2.887e+05 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|----------|----------|------------|------------|-----------|
| | | 4.629e+04 | 0.08 | -4.39e-04 | 30.06 | 30.0 | -6665.53 | -660.58 | -2008.17 | 5.098e+04 | 0.08 | 4.629e+04 |
| 409 | 392 | 1.478e+05 | 3.068e+04 | 0.02 | -295.31 | 0.0 | -3428.54 | -74.86 | -1022.53 | 2.355e+04 | 3.068e+04 | 1.478e+05 |
| | | 2.164e+04 | 0.04 | -1.91e-04 | 0.0 | 30.0 | -3428.54 | -370.17 | -1022.53 | 2.355e+04 | 0.04 | 2.164e+04 |
| 409 | 404 | 2.250e+05 | 4.628e+04 | 0.02 | -295.31 | 0.0 | -5178.46 | -265.11 | -1542.78 | 3.770e+04 | 4.628e+04 | 2.250e+05 |
| | | 3.437e+04 | 0.05 | -2.61e-04 | 0.0 | 30.0 | -5178.46 | -560.43 | -1542.78 | 3.770e+04 | 0.05 | 3.437e+04 |
| 409 | 407 | 1.479e+05 | 3.070e+04 | 0.02 | -295.31 | 0.0 | -3429.80 | -74.82 | -1023.48 | 2.359e+04 | 3.070e+04 | 1.479e+05 |
| | | 2.168e+04 | 0.04 | -1.91e-04 | 0.0 | 30.0 | -3429.80 | -370.13 | -1023.48 | 2.359e+04 | 0.04 | 2.168e+04 |
| 409 | 427 | 1.602e+05 | 4.522e+04 | 0.02 | -295.31 | 0.0 | -3688.14 | -160.44 | -1507.43 | 3.992e+04 | 4.522e+04 | 1.602e+05 |
| | | 3.207e+04 | 0.07 | -1.57e-04 | 0.0 | 30.0 | -3688.14 | -455.75 | -1507.43 | 3.992e+04 | 0.07 | 3.207e+04 |
| 409 | 428 | 1.354e+05 | 1.650e+04 | 0.02 | -295.31 | 0.0 | -3167.94 | 10.49 | -550.12 | 7702.86 | 1.650e+04 | 1.354e+05 |
| | | 1.116e+04 | 2.20e-03 | -1.80e-04 | 0.0 | 30.0 | -3167.94 | -284.82 | -550.12 | 7702.86 | 2.20e-03 | 1.116e+04 |
| 409 | 431 | 1.603e+05 | 4.491e+04 | 0.02 | -295.31 | 0.0 | -3691.65 | -160.13 | -1496.84 | 3.948e+04 | 4.491e+04 | 1.603e+05 |
| | | 3.221e+04 | 0.07 | -2.02e-04 | 0.0 | 30.0 | -3691.65 | -455.45 | -1496.84 | 3.948e+04 | 0.07 | 3.221e+04 |
| 409 | 459 | 1.533e+05 | 3.789e+04 | 0.02 | -295.31 | 0.0 | -3549.35 | -116.80 | -1262.89 | 3.139e+04 | 3.789e+04 | 1.533e+05 |
| | | 2.643e+04 | 0.05 | -3.16e-04 | 0.0 | 30.0 | -3549.35 | -412.11 | -1262.89 | 3.139e+04 | 0.05 | 2.643e+04 |
| 409 | 460 | 1.424e+05 | 2.368e+04 | 0.02 | -295.31 | 0.0 | -3308.48 | -33.00 | -789.36 | 1.601e+04 | 2.368e+04 | 1.424e+05 |
| | | 1.686e+04 | 0.02 | -4.34e-05 | 0.0 | 30.0 | -3308.48 | -328.31 | -789.36 | 1.601e+04 | 0.02 | 1.686e+04 |
| 409 | 463 | 1.534e+05 | 3.773e+04 | 0.02 | -295.31 | 0.0 | -3551.11 | -116.64 | -1257.61 | 3.117e+04 | 3.773e+04 | 1.534e+05 |
| | | 2.650e+04 | 0.05 | -3.38e-04 | 0.0 | 30.0 | -3551.11 | -411.96 | -1257.61 | 3.117e+04 | 0.05 | 2.650e+04 |
| 409 | 468 | 1.962e+05 | 2.477e+04 | 0.02 | -295.31 | 0.0 | -3325.32 | -29.30 | -825.79 | 1.708e+04 | 2.477e+04 | 1.962e+05 |
| | | 1.752e+04 | 0.02 | -7.74e-06 | 0.0 | 30.0 | -3325.32 | -324.61 | -825.79 | 1.708e+04 | 0.02 | 1.752e+04 |
| 410 | 28 | 1.949e+05 | 4.076e+04 | -0.02 | -295.30 | 0.0 | -721.25 | 448.13 | 1358.65 | -3.384e+04 | 0.06 | 3.014e+04 |
| | | 3.014e+04 | 0.06 | 3.42e-04 | 0.0 | 30.0 | -721.25 | 152.83 | 1358.65 | -3.384e+04 | 4.076e+04 | 1.949e+05 |
| 410 | 148 | 1.962e+05 | 4.103e+04 | -0.02 | -295.30 | 0.0 | -727.35 | 452.72 | 1367.64 | -3.409e+04 | 0.06 | 3.038e+04 |
| | | 3.038e+04 | 0.06 | 3.38e-04 | 0.0 | 30.0 | -727.35 | 157.42 | 1367.64 | -3.409e+04 | 4.103e+04 | 1.962e+05 |
| 410 | 169 | 4.022e+05 | 8.460e+04 | -0.03 | -398.66 | 0.0 | -1548.08 | 929.34 | 2797.46 | -7.111e+04 | 0.11 | 6.443e+04 |
| | | 6.443e+04 | 0.11 | 6.32e-04 | 45.09 | 30.0 | -1548.08 | 530.68 | 2842.55 | -7.111e+04 | 8.460e+04 | 4.022e+05 |
| 410 | 274 | 1.850e+05 | 3.893e+04 | -0.02 | -295.30 | 0.0 | -678.09 | 421.23 | 1297.77 | -3.137e+04 | 0.05 | 2.849e+04 |
| | | 2.849e+04 | 0.05 | 3.07e-04 | 0.0 | 30.0 | -678.09 | 125.93 | 1297.77 | -3.137e+04 | 3.893e+04 | 1.850e+05 |
| 410 | 334 | 1.860e+05 | 3.913e+04 | -0.02 | -295.30 | 0.0 | -682.62 | 424.64 | 1304.45 | -3.156e+04 | 0.05 | 2.867e+04 |
| | | 2.867e+04 | 0.05 | 3.04e-04 | 0.0 | 30.0 | -682.62 | 129.34 | 1304.45 | -3.156e+04 | 3.913e+04 | 1.860e+05 |
| 410 | 345 | 2.964e+05 | 6.216e+04 | -0.02 | -295.30 | 0.0 | -1137.51 | 686.80 | 2057.18 | -5.226e+04 | 0.08 | 4.733e+04 |
| | | 4.733e+04 | 0.08 | 4.58e-04 | 30.06 | 30.0 | -1137.51 | 391.50 | 2087.24 | -5.226e+04 | 6.216e+04 | 2.964e+05 |
| 410 | 391 | 1.483e+05 | 3.077e+04 | -0.02 | -295.30 | 0.0 | -516.49 | 371.56 | 1025.84 | -2.365e+04 | 0.04 | 2.173e+04 |
| | | 2.173e+04 | 0.04 | 1.92e-04 | 0.0 | 30.0 | -516.49 | 76.26 | 1025.84 | -2.365e+04 | 3.077e+04 | 1.483e+05 |
| 410 | 402 | 2.283e+05 | 4.687e+04 | -0.02 | -295.30 | 0.0 | -834.85 | 572.10 | 1562.43 | -3.818e+04 | 0.05 | 3.474e+04 |
| | | 3.474e+04 | 0.05 | 2.70e-04 | 0.0 | 30.0 | -834.85 | 276.80 | 1562.43 | -3.818e+04 | 4.687e+04 | 2.283e+05 |
| 410 | 407 | 1.483e+05 | 3.077e+04 | -0.02 | -295.30 | 0.0 | -516.49 | 371.56 | 1025.84 | -2.365e+04 | 0.04 | 2.173e+04 |
| | | 2.173e+04 | 0.04 | 1.92e-04 | 0.0 | 30.0 | -516.49 | 76.26 | 1025.84 | -2.365e+04 | 3.077e+04 | 1.483e+05 |
| 410 | 424 | 1.284e+05 | -0.04 | -0.02 | -295.30 | 0.0 | -75.61 | 518.30 | -2.75 | 1.012e+04 | -0.04 | 4412.97 |
| | | 4412.97 | -82.43 | -9.15e-04 | 0.0 | 30.0 | -75.61 | 223.00 | -2.75 | 1.012e+04 | -82.43 | 1.284e+05 |
| 410 | 427 | 1.681e+05 | 6.163e+04 | -0.02 | -295.30 | 0.0 | -957.38 | 224.82 | 2054.43 | -5.741e+04 | 0.11 | 3.904e+04 |
| | | 3.904e+04 | 0.11 | 1.30e-03 | 0.0 | 30.0 | -957.38 | -70.48 | 2054.43 | -5.741e+04 | 6.163e+04 | 1.681e+05 |
| 410 | 428 | 1.285e+05 | -0.04 | -0.02 | -295.30 | 0.0 | -84.85 | 518.31 | -10.39 | 1.045e+04 | -0.04 | 4688.69 |
| | | 4688.69 | -311.71 | -8.85e-04 | 0.0 | 30.0 | -84.85 | 223.01 | -10.39 | 1.045e+04 | -311.71 | 1.285e+05 |
| 410 | 429 | 1.675e+05 | 6.030e+04 | -0.02 | -295.30 | 0.0 | -957.89 | 205.06 | 2010.13 | -5.551e+04 | 0.11 | 3.899e+04 |
| | | 3.899e+04 | 0.11 | 1.23e-03 | 0.0 | 30.0 | -957.89 | -90.25 | 2010.13 | -5.551e+04 | 6.030e+04 | 1.675e+05 |
| 410 | 430 | 1.291e+05 | 1246.51 | -0.02 | -295.30 | 0.0 | -75.10 | 538.07 | 41.55 | 8214.86 | -0.04 | 4458.98 |
| | | 4458.98 | -0.04 | -8.50e-04 | 0.0 | 30.0 | -75.10 | 242.77 | 41.55 | 8214.86 | 1246.51 | 1.291e+05 |
| 410 | 431 | 1.680e+05 | 6.186e+04 | -0.02 | -295.30 | 0.0 | -948.14 | 224.81 | 2062.07 | -5.774e+04 | 0.11 | 3.876e+04 |
| | | 3.876e+04 | 0.11 | 1.27e-03 | 0.0 | 30.0 | -948.14 | -70.49 | 2062.07 | -5.774e+04 | 6.186e+04 | 1.680e+05 |
| 410 | 456 | 1.423e+05 | 2.197e+04 | -0.02 | -295.30 | 0.0 | -386.56 | 324.82 | 732.52 | -1.440e+04 | 0.02 | 1.662e+04 |
| | | 1.662e+04 | 0.02 | -7.87e-05 | 0.0 | 30.0 | -386.56 | 29.52 | 732.52 | -1.440e+04 | 2.197e+04 | 1.423e+05 |
| 410 | 459 | 1.542e+05 | 3.957e+04 | -0.02 | -295.30 | 0.0 | -646.43 | 418.30 | 1319.16 | -3.290e+04 | 0.06 | 2.683e+04 |
| | | 2.683e+04 | 0.06 | 4.62e-04 | 0.0 | 30.0 | -646.43 | 123.00 | 1319.16 | -3.290e+04 | 3.957e+04 | 1.542e+05 |
| 410 | 461 | 1.539e+05 | 3.891e+04 | -0.02 | -295.30 | 0.0 | -646.68 | 408.51 | 1296.94 | -3.195e+04 | 0.05 | 2.681e+04 |
| | | 2.681e+04 | 0.05 | 4.30e-04 | 0.0 | 30.0 | -646.68 | 113.21 | 1296.94 | -3.195e+04 | 3.891e+04 | 1.539e+05 |
| 410 | 462 | 1.426e+05 | 2.264e+04 | -0.02 | -295.30 | 0.0 | -386.31 | 334.62 | 754.74 | -1.535e+04 | 0.02 | 1.664e+04 |
| | | 1.664e+04 | 0.02 | -4.67e-05 | 0.0 | 30.0 | -386.31 | 39.31 | 754.74 | -1.535e+04 | 2.264e+04 | 1.426e+05 |
| 410 | 463 | 1.542e+05 | 3.969e+04 | -0.02 | -295.30 | 0.0 | -641.78 | 418.29 | 1322.97 | -3.306e+04 | 0.05 | 2.670e+04 |
| | | 2.670e+04 | 0.05 | 4.47e-04 | 0.0 | 30.0 | -641.78 | 122.99 | 1322.97 | -3.306e+04 | 3.969e+04 | 1.542e+05 |
| 411 | 111 | 3.602e+05 | -0.04 | 0.03 | -398.67 | 0.0 | -8124.08 | -708.10 | 1518.67 | -2.767e+04 | -4.556e+04 | 3.602e+05 |
| | | 5.325e+04 | -4.556e+04 | 3.70e-04 | 0.0 | 30.0 | -8124.08 | -1106.77 | 1518.67 | -2.767e+04 | -0.04 | 5.325e+04 |
| 411 | 146 | 1.843e+05 | -0.01 | 0.02 | -295.31 | 0.0 | -4176.70 | -282.33 | 702.84 | -1.086e+04 | -2.109e+04 | 1.843e+05 |
| | | 2.643e+04 | -2.109e+04 | 1.51e-04 | 0.0 | 30.0 | -4176.70 | -577.64 | 702.84 | -1.086e+04 | -0.01 | 2.643e+04 |
| 411 | 148 | 1.828e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4156.18 | -264.83 | 732.43 | -1.273e+04 | -2.197e+04 | 1.828e+05 |
| | | 2.700e+04 | -2.197e+04 | 1.66e-04 | 0.0 | 30.0 | -4156.18 | -560.15 | 732.43 | -1.273e+04 | -0.02 | 2.700e+04 |
| 411 | 170 | 2.802e+05 | -1.93e-03 | 0.07 | -295.31 | 0.0 | -6298.27 | -525.15 | 1079.46 | -1.096e+04 | -3.238e+04 | 2.802e+05 |
| | | 3.944e+04 | -3.238e+04 | -7.17e-05 | 0.0 | 30.0 | -6298.27 | -820.47 | 1079.46 | -1.096e+04 | -1.93e-03 | 3.944e+04 |
| 411 | 209 | 3.628e+05 | -0.04 | 0.03 | -398.67 | 0.0 | -8162.51 | -742.42 | 1436.34 | -2.351e+04 | -4.309e+04 | 3.628e+05 |
| | | 5.136e+04 | -4.309e+04 | 5.22e-04 | 0.0 | 30.0 | -8162.51 | -1141.09 | 1436.34 | -2.351e+04 | -0.04 | 5.136e+04 |
| 411 | 316 | 2.663e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -6008.08 | -521.22 | 1126.48 | -2.063e+04 | -3.379e+04 | 2.663e+05 |
| | | 3.943e+04 | -3.379e+04 | 2.75e-04 | 0.0 | 30.0 | -6008.08 | -816.53 | 1126.48 | -2.063e+04 | -0.03 | 3.943e+04 |
| 411 | 333 | 1.778e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4020.23 | -278.96 | 697.09 | -1.172e+04 | -2.091e+04 | 1.778e+05 |
| | | 2.570e+04 | -2.091e+04 | 1.63e-04 | 0.0 | 30.0 | -4020.23 | -574.28 | 697.09 | -1.172e+04 | -0.02 | 2.570e+04 |
| 411 | 334 | 1.769e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4006.55 | -267.30 | 716.81 | -1.297e+04 | -2.150e+04 | 1.769e+05 |
| | | 2.609e+04 | -2.150e+04 | 1.73e-04 | 0.0 | 30.0 | -4006.55 | -562.61 | 716.81 | -1.297e+04 | -0.02 | 2.609e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|---------|----------|------------|------------|-----------|
| 411 | 345 | 2.489e+05 | -6.29e-03 | 0.06 | -295.31 | 0.0 | -5591.59 | -459.16 | 975.50 | -1.176e+04 | -2.927e+04 | 2.489e+05 |
| | | 3.532e+04 | -2.927e+04 | 7.56e-06 | 0.0 | 30.0 | -5591.59 | -754.48 | 975.50 | -1.176e+04 | -6.29e-03 | 3.532e+04 |
| 411 | 365 | 2.682e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -6035.63 | -545.86 | 1066.81 | -1.764e+04 | -3.200e+04 | 2.682e+05 |
| | | 3.805e+04 | -3.200e+04 | 3.88e-04 | 0.0 | 30.0 | -6035.63 | -841.17 | 1066.81 | -1.764e+04 | -0.03 | 3.805e+04 |
| 411 | 391 | 1.492e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3371.94 | -213.54 | 619.99 | -1.296e+04 | -1.860e+04 | 1.492e+05 |
| | | 2.242e+04 | -1.860e+04 | 1.80e-04 | 0.0 | 30.0 | -3371.94 | -508.85 | 619.99 | -1.296e+04 | -0.02 | 2.242e+04 |
| 411 | 393 | 1.502e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3390.73 | -222.52 | 587.01 | -1.141e+04 | -1.761e+04 | 1.502e+05 |
| | | 2.215e+04 | -1.761e+04 | 1.68e-04 | 0.0 | 30.0 | -3390.73 | -517.83 | 587.01 | -1.141e+04 | -0.02 | 2.215e+04 |
| 411 | 399 | 2.153e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4845.26 | -406.93 | 926.61 | -1.880e+04 | -2.780e+04 | 2.153e+05 |
| | | 3.231e+04 | -2.780e+04 | 2.51e-04 | 0.0 | 30.0 | -4845.26 | -702.25 | 926.61 | -1.880e+04 | -0.02 | 3.231e+04 |
| 411 | 402 | 2.018e+05 | -9.40e-03 | 0.04 | -295.31 | 0.0 | -4526.73 | -355.14 | 822.25 | -1.271e+04 | -2.467e+04 | 2.018e+05 |
| | | 2.940e+04 | -2.467e+04 | 4.80e-05 | 0.0 | 30.0 | -4526.73 | -650.46 | 822.25 | -1.271e+04 | -9.40e-03 | 2.940e+04 |
| 411 | 404 | 2.162e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -4859.76 | -420.17 | 890.74 | -1.711e+04 | -2.672e+04 | 2.162e+05 |
| | | 3.145e+04 | -2.672e+04 | 3.40e-04 | 0.0 | 30.0 | -4859.76 | -715.48 | 890.74 | -1.711e+04 | -0.03 | 3.145e+04 |
| 411 | 407 | 1.492e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3371.94 | -213.54 | 619.99 | -1.296e+04 | -1.860e+04 | 1.492e+05 |
| | | 2.242e+04 | -1.860e+04 | 1.80e-04 | 0.0 | 30.0 | -3371.94 | -508.85 | 619.99 | -1.296e+04 | -0.02 | 2.242e+04 |
| 411 | 409 | 1.436e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3233.03 | -186.56 | 531.75 | -8926.00 | -1.595e+04 | 1.436e+05 |
| | | 1.699e+04 | -1.595e+04 | 9.59e-05 | 0.0 | 30.0 | -3233.03 | -481.87 | 531.75 | -8926.00 | -0.02 | 1.699e+04 |
| 411 | 410 | 1.547e+05 | -0.02 | 0.01 | -295.31 | 0.0 | -3510.85 | -240.52 | 708.23 | -1.700e+04 | -2.125e+04 | 1.547e+05 |
| | | 2.785e+04 | -2.125e+04 | 2.65e-04 | 0.0 | 30.0 | -3510.85 | -535.83 | 708.23 | -1.700e+04 | -0.02 | 2.785e+04 |
| 411 | 424 | 1.502e+05 | -2.21e-04 | 0.02 | -295.31 | 0.0 | -3371.06 | -249.12 | 1000.00 | -2.468e+04 | -3.000e+04 | 1.502e+05 |
| | | 2.246e+04 | -3.000e+04 | -1.73e-04 | 0.0 | 30.0 | -3371.06 | -544.43 | 1000.00 | -2.468e+04 | -2.21e-04 | 2.246e+04 |
| 411 | 430 | 1.531e+05 | -2.00e-03 | 0.02 | -295.31 | 0.0 | -3447.46 | -258.09 | 1000.45 | -2.527e+04 | -3.001e+04 | 1.531e+05 |
| | | 2.543e+04 | -3.001e+04 | -1.13e-04 | 0.0 | 30.0 | -3447.46 | -553.40 | 1000.45 | -2.527e+04 | -2.00e-03 | 2.543e+04 |
| 411 | 441 | 1.464e+05 | -0.01 | 0.02 | -295.31 | 0.0 | -3304.11 | -198.16 | 575.42 | -1.100e+04 | -1.726e+04 | 1.464e+05 |
| | | 1.978e+04 | -1.726e+04 | 1.02e-04 | 0.0 | 30.0 | -3304.11 | -493.48 | 575.42 | -1.100e+04 | -0.01 | 1.978e+04 |
| 411 | 442 | 1.519e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3439.76 | -228.91 | 664.56 | -1.493e+04 | -1.994e+04 | 1.519e+05 |
| | | 2.506e+04 | -1.994e+04 | 2.59e-04 | 0.0 | 30.0 | -3439.76 | -524.22 | 664.56 | -1.493e+04 | -0.02 | 2.506e+04 |
| 411 | 462 | 1.509e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3404.37 | -242.35 | 811.86 | -1.892e+04 | -2.436e+04 | 1.509e+05 |
| | | 2.369e+04 | -2.436e+04 | 1.57e-04 | 0.0 | 30.0 | -3404.37 | -537.66 | 811.86 | -1.892e+04 | -0.02 | 2.369e+04 |
| 411 | 465 | 1.478e+05 | -0.01 | 0.02 | -295.31 | 0.0 | -3342.22 | -197.37 | 464.05 | -7971.46 | -1.392e+04 | 1.478e+05 |
| | | 2.131e+04 | -1.392e+04 | 1.24e-04 | 0.0 | 30.0 | -3342.22 | -492.69 | 464.05 | -7971.46 | -0.01 | 2.131e+04 |
| 412 | 26 | 1.814e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -676.49 | -597.71 | -718.68 | 1.135e+04 | -0.02 | 2.710e+04 |
| | | 2.710e+04 | -2.156e+04 | -1.73e-04 | 0.0 | 30.0 | -676.49 | 302.40 | -718.68 | 1.135e+04 | -2.156e+04 | 1.894e+05 |
| 412 | 210 | 2.627e+05 | -4.08e-04 | -0.07 | -295.31 | 0.0 | -946.55 | 740.12 | -994.93 | 9765.20 | -4.08e-04 | 3.755e+04 |
| | | 3.755e+04 | -2.985e+04 | 8.61e-05 | 0.0 | 30.0 | -946.55 | 444.80 | -994.93 | 9765.20 | -2.985e+04 | 2.627e+05 |
| 412 | 249 | 3.748e+05 | -0.04 | -0.03 | -398.67 | 0.0 | -1370.30 | 1169.27 | -1558.90 | 2.777e+04 | -0.04 | 5.491e+04 |
| | | 5.491e+04 | -4.677e+04 | -3.79e-04 | 0.0 | 30.0 | -1370.30 | 770.60 | -1558.90 | 2.777e+04 | -4.677e+04 | 3.748e+05 |
| 412 | 251 | 3.740e+05 | -0.04 | -0.03 | -398.67 | 0.0 | -1378.29 | 1158.79 | -1577.17 | 2.892e+04 | -0.04 | 5.526e+04 |
| | | 5.526e+04 | -4.732e+04 | -3.89e-04 | 0.0 | 30.0 | -1378.29 | 760.12 | -1577.17 | 2.892e+04 | -4.732e+04 | 3.740e+05 |
| 412 | 273 | 1.814e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -654.09 | 588.27 | -708.30 | 1.209e+04 | -0.02 | 2.618e+04 |
| | | 2.618e+04 | -2.125e+04 | -1.79e-04 | 0.0 | 30.0 | -654.09 | 292.96 | -708.30 | 1.209e+04 | -2.125e+04 | 1.814e+05 |
| 412 | 365 | 2.357e+05 | -5.14e-03 | -0.06 | -295.31 | 0.0 | -853.77 | 694.09 | -912.36 | 1.087e+04 | -5.14e-03 | 3.390e+04 |
| | | 3.390e+04 | -2.737e+04 | 1.64e-05 | 0.0 | 30.0 | -853.77 | 398.77 | -912.36 | 1.087e+04 | -2.737e+04 | 2.357e+05 |
| 412 | 385 | 2.767e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -1014.13 | 860.68 | -1156.44 | 2.077e+04 | -0.03 | 4.064e+04 |
| | | 4.064e+04 | -3.469e+04 | -2.82e-04 | 0.0 | 30.0 | -1014.13 | 565.37 | -1156.44 | 2.077e+04 | -3.469e+04 | 2.767e+05 |
| 412 | 386 | 2.761e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -1019.45 | 853.69 | -1168.62 | 2.154e+04 | -0.03 | 4.088e+04 |
| | | 4.088e+04 | -3.506e+04 | -2.88e-04 | 0.0 | 30.0 | -1019.45 | 558.38 | -1168.62 | 2.154e+04 | -3.506e+04 | 2.761e+05 |
| 412 | 393 | 1.507e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -553.45 | 519.56 | -588.39 | 1.143e+04 | -0.02 | 2.221e+04 |
| | | 2.221e+04 | -1.765e+04 | -1.68e-04 | 0.0 | 30.0 | -553.45 | 224.24 | -588.39 | 1.143e+04 | -1.765e+04 | 1.507e+05 |
| 412 | 404 | 1.897e+05 | -8.33e-03 | -0.04 | -295.31 | 0.0 | -705.11 | 596.59 | -767.53 | 1.194e+04 | -8.33e-03 | 2.808e+04 |
| | | 2.808e+04 | -2.303e+04 | -3.72e-05 | 0.0 | 30.0 | -705.11 | 301.28 | -767.53 | 1.194e+04 | -2.303e+04 | 1.897e+05 |
| 412 | 406 | 2.204e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -825.38 | 721.53 | -950.58 | 1.936e+04 | -0.03 | 3.313e+04 |
| | | 3.313e+04 | -2.852e+04 | -2.59e-04 | 0.0 | 30.0 | -825.38 | 426.22 | -950.58 | 1.936e+04 | -2.852e+04 | 2.204e+05 |
| 412 | 407 | 1.496e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -560.74 | 510.61 | -622.25 | 1.302e+04 | -0.02 | 2.250e+04 |
| | | 2.250e+04 | -1.867e+04 | -1.81e-04 | 0.0 | 30.0 | -560.74 | 215.29 | -622.25 | 1.302e+04 | -1.867e+04 | 1.496e+05 |
| 412 | 424 | 1.468e+05 | -0.04 | -0.02 | -295.31 | 0.0 | -609.55 | 396.17 | -1548.48 | 4.227e+04 | -0.04 | 2.415e+04 |
| | | 2.415e+04 | -4.645e+04 | -5.95e-04 | 0.0 | 30.0 | -609.55 | 100.86 | -1548.48 | 4.227e+04 | -4.645e+04 | 1.468e+05 |
| 412 | 427 | 1.524e+05 | 9119.71 | -0.02 | -295.31 | 0.0 | -511.93 | 625.04 | 303.99 | -1.623e+04 | 6.79e-03 | 2.086e+04 |
| | | 2.086e+04 | 6.79e-03 | 2.33e-04 | 0.0 | 30.0 | -511.93 | 329.73 | 303.99 | -1.623e+04 | 9119.71 | 1.524e+05 |
| 412 | 428 | 1.468e+05 | -0.04 | -0.02 | -295.31 | 0.0 | -609.29 | 396.43 | -1552.76 | 4.268e+04 | -0.04 | 2.414e+04 |
| | | 2.414e+04 | -4.658e+04 | -5.56e-04 | 0.0 | 30.0 | -609.29 | 101.11 | -1552.76 | 4.268e+04 | -4.658e+04 | 1.468e+05 |
| 412 | 429 | 1.537e+05 | 8475.43 | -0.02 | -295.31 | 0.0 | -524.22 | 648.65 | 282.51 | -1.630e+04 | 8.14e-03 | 2.147e+04 |
| | | 2.147e+04 | 8.14e-03 | 2.89e-04 | 0.0 | 30.0 | -524.22 | 353.33 | 282.51 | -1.630e+04 | 8475.43 | 1.537e+05 |
| 412 | 431 | 1.524e+05 | 9248.09 | -0.02 | -295.31 | 0.0 | -512.19 | 624.79 | 308.27 | -1.664e+04 | 6.32e-03 | 2.087e+04 |
| | | 2.087e+04 | 6.32e-03 | 1.94e-04 | 0.0 | 30.0 | -512.19 | 329.47 | 308.27 | -1.664e+04 | 9248.09 | 1.524e+05 |
| 412 | 443 | 1.483e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -546.92 | 483.71 | -533.41 | 1.123e+04 | -0.02 | 2.186e+04 |
| | | 2.186e+04 | -1.600e+04 | -1.77e-04 | 0.0 | 30.0 | -546.92 | 188.40 | -533.41 | 1.123e+04 | -1.600e+04 | 1.483e+05 |
| 412 | 448 | 1.510e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -574.14 | 537.94 | -718.10 | 1.549e+04 | -0.02 | 2.313e+04 |
| | | 2.313e+04 | -2.154e+04 | -1.21e-04 | 0.0 | 30.0 | -574.14 | 242.62 | -718.10 | 1.549e+04 | -2.154e+04 | 1.510e+05 |
| 412 | 456 | 1.509e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -574.82 | 540.84 | -873.87 | 2.019e+04 | -0.02 | 2.306e+04 |
| | | 2.306e+04 | -2.622e+04 | -2.39e-04 | 0.0 | 30.0 | -574.82 | 245.53 | -873.87 | 2.019e+04 | -2.622e+04 | 1.509e+05 |
| 412 | 459 | 1.484e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -546.67 | 480.37 | -370.62 | 5849.73 | -0.01 | 2.195e+04 |
| | | 2.195e+04 | -1.112e+04 | -1.23e-04 | 0.0 | 30.0 | -546.67 | 185.06 | -370.62 | 5849.73 | -1.112e+04 | 1.484e+05 |
| 412 | 460 | 1.509e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -574.69 | 540.97 | -875.98 | 2.039e+04 | -0.02 | 2.305e+04 |
| | | 2.305e+04 | -2.628e+04 | -2.20e-04 | 0.0 | 30.0 | -574.69 | 245.66 | -875.98 | 2.039e+04 | -2.628e+04 | 1.509e+05 |
| 412 | 461 | 1.490e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -552.87 | 492.25 | -381.52 | 5815.81 | -0.01 | 2.226e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|----------|----------|------------|------------|-----------|
| | | 2.226e+04 | -1.145e+04 | -9.50e-05 | 0.0 | 30.0 | -552.87 | 196.94 | -381.52 | 5815.81 | -1.145e+04 | 1.490e+05 |
| 413 | 109 | 3.355e+05 | 4.272e+04 | 0.02 | -398.67 | 0.0 | -7517.46 | -729.56 | -1424.10 | 3.607e+04 | 4.272e+04 | 3.355e+05 |
| | | 5.269e+04 | 0.05 | -4.93e-04 | 0.0 | 30.0 | -7517.46 | -1128.23 | -1424.10 | 3.607e+04 | 0.05 | 5.269e+05 |
| 413 | 111 | 3.364e+05 | 4.219e+04 | 0.02 | -398.67 | 0.0 | -7529.84 | -740.07 | -1406.36 | 3.495e+04 | 4.219e+04 | 3.364e+05 |
| | | 5.235e+04 | 0.05 | -4.85e-04 | 0.0 | 30.0 | -7529.84 | -1138.74 | -1406.36 | 3.495e+04 | 0.05 | 5.235e+04 |
| 413 | 148 | 1.718e+05 | 2.225e+04 | 0.02 | -295.31 | 0.0 | -3889.71 | -268.66 | -741.74 | 1.889e+04 | 2.225e+04 | 1.718e+05 |
| | | 2.711e+04 | 0.03 | -2.69e-04 | 0.0 | 30.0 | -3889.71 | -563.97 | -741.74 | 1.889e+04 | 0.03 | 2.711e+04 |
| 413 | 154 | 1.702e+05 | 2.349e+04 | 0.02 | -295.31 | 0.0 | -3868.30 | -248.87 | -782.89 | 2.125e+04 | 2.349e+04 | 1.702e+05 |
| | | 2.780e+04 | 0.03 | -2.87e-04 | 0.0 | 30.0 | -3868.30 | -544.18 | -782.89 | 2.125e+04 | 0.03 | 2.780e+04 |
| 413 | 208 | 2.116e+05 | 2.743e+04 | 0.02 | -295.31 | 0.0 | -4755.52 | -414.22 | -914.45 | 2.190e+04 | 2.743e+04 | 2.116e+05 |
| | | 3.307e+04 | 0.02 | -1.70e-04 | 0.0 | 30.0 | -4755.52 | -709.53 | -914.45 | 2.190e+04 | 0.02 | 3.307e+04 |
| 413 | 315 | 2.483e+05 | 3.146e+04 | 0.02 | -295.31 | 0.0 | -5563.10 | -539.20 | -1048.78 | 2.650e+04 | 3.146e+04 | 2.483e+05 |
| | | 3.895e+04 | 0.03 | -3.63e-04 | 0.0 | 30.0 | -5563.10 | -834.51 | -1048.78 | 2.650e+04 | 0.03 | 3.895e+04 |
| 413 | 316 | 2.489e+05 | 3.111e+04 | 0.02 | -295.31 | 0.0 | -5571.35 | -546.20 | -1036.95 | 2.575e+04 | 3.111e+04 | 2.489e+05 |
| | | 3.872e+04 | 0.03 | -3.57e-04 | 0.0 | 30.0 | -5571.35 | -841.51 | -1036.95 | 2.575e+04 | 0.03 | 3.872e+04 |
| 413 | 334 | 1.688e+05 | 2.154e+04 | 0.02 | -295.31 | 0.0 | -3811.86 | -270.90 | -718.13 | 1.731e+04 | 2.154e+04 | 1.688e+05 |
| | | 2.614e+04 | 0.02 | -2.48e-04 | 0.0 | 30.0 | -3811.86 | -566.21 | -718.13 | 1.731e+04 | 0.02 | 2.614e+04 |
| 413 | 337 | 1.677e+05 | 2.237e+04 | 0.02 | -295.31 | 0.0 | -3797.50 | -257.67 | -745.71 | 1.889e+04 | 2.237e+04 | 1.677e+05 |
| | | 2.660e+04 | 0.02 | -2.60e-04 | 0.0 | 30.0 | -3797.50 | -552.98 | -745.71 | 1.889e+04 | 0.02 | 2.660e+04 |
| 413 | 364 | 1.483e+05 | 2.539e+04 | 0.02 | -295.31 | 0.0 | -4454.79 | -378.99 | -846.38 | 1.954e+04 | 2.539e+04 | 1.483e+05 |
| | | 3.057e+04 | 0.02 | -1.74e-04 | 0.0 | 30.0 | -4454.79 | -674.30 | -846.38 | 1.954e+04 | 0.02 | 3.057e+04 |
| 413 | 391 | 1.491e+05 | 1.859e+04 | 0.02 | -295.31 | 0.0 | -3371.54 | -213.48 | -619.65 | 1.295e+04 | 1.859e+04 | 1.491e+05 |
| | | 2.242e+04 | 0.02 | -1.80e-04 | 0.0 | 30.0 | -3371.54 | -508.80 | -619.65 | 1.295e+04 | 0.02 | 2.242e+04 |
| 413 | 393 | 1.481e+05 | 1.958e+04 | 0.02 | -295.31 | 0.0 | -3352.72 | -204.50 | -652.63 | 1.450e+04 | 1.958e+04 | 1.481e+05 |
| | | 2.269e+04 | 0.02 | -1.93e-04 | 0.0 | 30.0 | -3352.72 | -499.81 | -652.63 | 1.450e+04 | 0.02 | 2.269e+04 |
| 413 | 399 | 2.086e+05 | 2.551e+04 | 0.02 | -295.31 | 0.0 | -4674.85 | -421.98 | -850.22 | 1.899e+04 | 2.551e+04 | 2.086e+05 |
| | | 3.165e+04 | 0.02 | -2.65e-04 | 0.0 | 30.0 | -4674.85 | -717.29 | -850.22 | 1.899e+04 | 0.02 | 3.165e+04 |
| 413 | 407 | 1.491e+05 | 1.859e+04 | 0.02 | -295.31 | 0.0 | -3371.54 | -213.48 | -619.65 | 1.295e+04 | 1.859e+04 | 1.491e+05 |
| | | 2.242e+04 | 0.02 | -1.80e-04 | 0.0 | 30.0 | -3371.54 | -508.80 | -619.65 | 1.295e+04 | 0.02 | 2.242e+04 |
| 413 | 416 | 1.435e+05 | 1.592e+04 | 0.02 | -295.31 | 0.0 | -3232.33 | -185.71 | -530.83 | 8885.55 | 1.592e+04 | 1.435e+05 |
| | | 1.697e+04 | 0.02 | -8.74e-05 | 0.0 | 30.0 | -3232.33 | -481.03 | -530.83 | 8885.55 | 0.02 | 1.697e+04 |
| 413 | 419 | 1.548e+05 | 2.125e+04 | 0.01 | -295.31 | 0.0 | -3510.75 | -241.25 | -708.47 | 1.701e+04 | 2.125e+04 | 1.548e+05 |
| | | 2.786e+04 | 0.02 | -2.74e-04 | 0.0 | 30.0 | -3510.75 | -536.56 | -708.47 | 1.701e+04 | 0.02 | 2.786e+04 |
| 413 | 427 | 1.531e+05 | 3.008e+04 | 0.02 | -295.31 | 0.0 | -3448.24 | -258.98 | -1002.77 | 2.525e+04 | 3.008e+04 | 1.531e+05 |
| | | 2.548e+04 | 2.02e-03 | 1.10e-04 | 0.0 | 30.0 | -3448.24 | -554.30 | -1002.77 | 2.525e+04 | 2.02e-03 | 2.548e+04 |
| 413 | 429 | 1.502e+05 | 3.007e+04 | 0.02 | -295.31 | 0.0 | -3371.85 | -249.91 | -1002.34 | 2.466e+04 | 3.007e+04 | 1.502e+05 |
| | | 2.251e+04 | 2.55e-04 | 1.73e-04 | 0.0 | 30.0 | -3371.85 | -545.22 | -1002.34 | 2.466e+04 | 2.55e-04 | 2.251e+04 |
| 413 | 448 | 1.464e+05 | 1.724e+04 | 0.02 | -295.31 | 0.0 | -3303.83 | -198.99 | -574.52 | 1.103e+04 | 1.724e+04 | 1.464e+05 |
| | | 1.980e+04 | 0.01 | -9.88e-05 | 0.0 | 30.0 | -3303.83 | -494.30 | -574.52 | 1.103e+04 | 0.01 | 1.980e+04 |
| 413 | 451 | 1.518e+05 | 1.994e+04 | 0.02 | -295.31 | 0.0 | -3439.25 | -227.97 | -664.78 | 1.487e+04 | 1.994e+04 | 1.518e+05 |
| | | 2.504e+04 | 0.02 | -2.62e-04 | 0.0 | 30.0 | -3439.25 | -523.29 | -664.78 | 1.487e+04 | 0.02 | 2.504e+04 |
| 413 | 459 | 1.508e+05 | 2.441e+04 | 0.02 | -295.31 | 0.0 | -3403.67 | -238.53 | -813.76 | 1.872e+04 | 2.441e+04 | 1.508e+05 |
| | | 2.361e+04 | 0.02 | -1.54e-04 | 0.0 | 30.0 | -3403.67 | -533.84 | -813.76 | 1.872e+04 | 0.02 | 2.361e+04 |
| 413 | 468 | 1.476e+05 | 1.392e+04 | 0.02 | -295.31 | 0.0 | -3343.25 | -191.58 | -463.90 | 7971.76 | 1.392e+04 | 1.476e+05 |
| | | 2.134e+04 | 0.01 | -1.21e-04 | 0.0 | 30.0 | -3343.25 | -486.89 | -463.90 | 7971.76 | 0.01 | 2.134e+04 |
| 414 | 1 | 3.482e+05 | 4.469e+04 | -0.02 | -398.67 | 0.0 | -1349.47 | 1175.18 | 1489.53 | -3.782e+04 | 4.469e+04 | 3.482e+05 |
| | | 5.467e+04 | 0.05 | 5.12e-04 | 0.0 | 30.0 | -1349.47 | 776.51 | 1489.53 | -3.782e+04 | 0.05 | 5.467e+04 |
| 414 | 28 | 1.781e+05 | 2.315e+04 | -0.02 | -295.31 | 0.0 | -688.13 | 589.10 | 771.71 | -1.902e+04 | 2.315e+04 | 1.781e+05 |
| | | 2.780e+04 | 0.02 | 2.64e-04 | 0.0 | 30.0 | -688.13 | 293.79 | 771.71 | -1.902e+04 | 0.02 | 2.780e+04 |
| 414 | 168 | 2.220e+05 | 2.875e+04 | -0.02 | -295.31 | 0.0 | -855.09 | 749.85 | 958.22 | -2.282e+04 | 2.875e+04 | 2.220e+05 |
| | | 3.450e+04 | 0.02 | 1.91e-04 | 0.0 | 30.0 | -855.09 | 454.54 | 958.22 | -2.282e+04 | 0.02 | 3.450e+04 |
| 414 | 249 | 3.495e+05 | 4.453e+04 | -0.02 | -398.67 | 0.0 | -1351.26 | 1181.09 | 1484.27 | -3.739e+04 | 4.453e+04 | 3.495e+05 |
| | | 5.474e+04 | 0.05 | 5.08e-04 | 0.0 | 30.0 | -1351.26 | 782.42 | 1484.27 | -3.739e+04 | 0.05 | 5.474e+04 |
| 414 | 251 | 3.503e+05 | 4.398e+04 | -0.02 | -398.67 | 0.0 | -1343.29 | 1191.58 | 1466.00 | -3.624e+04 | 4.398e+04 | 3.503e+05 |
| | | 5.439e+04 | 0.05 | 4.99e-04 | 0.0 | 30.0 | -1343.29 | 792.91 | 1466.00 | -3.624e+04 | 0.05 | 5.439e+04 |
| 414 | 274 | 1.733e+05 | 2.219e+04 | -0.02 | -295.31 | 0.0 | -661.02 | 583.96 | 739.72 | -1.740e+04 | 2.219e+04 | 1.733e+05 |
| | | 2.663e+04 | 0.02 | 2.44e-04 | 0.0 | 30.0 | -661.02 | 288.65 | 739.72 | -1.740e+04 | 0.02 | 2.663e+04 |
| 414 | 344 | 2.059e+05 | 2.635e+04 | -0.02 | -295.31 | 0.0 | -785.00 | 703.33 | 878.22 | -2.022e+04 | 2.635e+04 | 2.059e+05 |
| | | 3.161e+04 | 0.02 | 1.89e-04 | 0.0 | 30.0 | -785.00 | 408.02 | 878.22 | -2.022e+04 | 0.02 | 3.161e+04 |
| 414 | 385 | 2.582e+05 | 3.276e+04 | -0.02 | -295.31 | 0.0 | -997.74 | 872.29 | 1091.94 | -2.745e+04 | 3.276e+04 | 2.582e+05 |
| | | 4.042e+04 | 0.04 | 3.74e-04 | 0.0 | 30.0 | -997.74 | 576.98 | 1091.94 | -2.745e+04 | 0.04 | 4.042e+04 |
| 414 | 386 | 2.588e+05 | 3.239e+04 | -0.02 | -295.31 | 0.0 | -992.42 | 879.29 | 1079.77 | -2.668e+04 | 3.239e+04 | 2.588e+05 |
| | | 4.019e+04 | 0.03 | 3.68e-04 | 0.0 | 30.0 | -992.42 | 583.97 | 1079.77 | -2.668e+04 | 0.03 | 4.019e+04 |
| 414 | 391 | 1.496e+05 | 1.867e+04 | -0.02 | -295.31 | 0.0 | -560.74 | 510.58 | 622.23 | -1.302e+04 | 1.867e+04 | 1.496e+05 |
| | | 2.250e+04 | 0.02 | 1.81e-04 | 0.0 | 30.0 | -560.74 | 215.27 | 622.23 | -1.302e+04 | 0.02 | 2.250e+04 |
| 414 | 394 | 2.132e+05 | 2.631e+04 | -0.02 | -295.31 | 0.0 | -803.87 | 733.73 | 876.98 | -1.978e+04 | 2.631e+04 | 2.132e+05 |
| | | 3.243e+04 | 0.03 | 2.72e-04 | 0.0 | 30.0 | -803.87 | 438.41 | 876.98 | -1.978e+04 | 0.03 | 3.243e+04 |
| 414 | 406 | 2.139e+05 | 2.622e+04 | -0.02 | -295.31 | 0.0 | -804.87 | 737.01 | 874.05 | -1.954e+04 | 2.622e+04 | 2.139e+05 |
| | | 3.247e+04 | 0.03 | 2.69e-04 | 0.0 | 30.0 | -804.87 | 441.70 | 874.05 | -1.954e+04 | 0.03 | 3.247e+04 |
| 414 | 407 | 1.496e+05 | 1.867e+04 | -0.02 | -295.31 | 0.0 | -560.74 | 510.58 | 622.23 | -1.302e+04 | 1.867e+04 | 1.496e+05 |
| | | 2.250e+04 | 0.02 | 1.81e-04 | 0.0 | 30.0 | -560.74 | 215.27 | 622.23 | -1.302e+04 | 0.02 | 2.250e+04 |
| 414 | 424 | 1.534e+05 | -8.35e-03 | -0.02 | -295.31 | 0.0 | -530.69 | 630.38 | -234.51 | 1.780e+04 | -8.35e-03 | 2.155e+04 |
| | | 2.155e+04 | -7035.15 | -2.85e-04 | 0.0 | 30.0 | -530.69 | 335.07 | -234.51 | 1.780e+04 | -7035.15 | 1.534e+05 |
| 414 | 425 | 1.471e+05 | 4.514e+04 | -0.02 | -295.31 | 0.0 | -602.86 | 414.50 | 1504.62 | -4.417e+04 | 4.514e+04 | 1.471e+05 |
| | | 2.406e+04 | 0.04 | 5.56e-04 | 0.0 | 30.0 | -602.86 | 119.19 | 1504.62 | -4.417e+04 | 0.04 | 2.406e+04 |
| 414 | 426 | 1.521e+05 | -6.51e-03 | -0.02 | -295.31 | 0.0 | -518.63 | 606.67 | -260.16 | 1.814e+04 | -6.51e-03 | 2.095e+04 |
| | | 2.095e+04 | -7804.79 | -1.94e-04 | 0.0 | 30.0 | -518.63 | 311.35 | -260.16 | 1.814e+04 | -7804.79 | 1.521e+05 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|---------|----------|------------|------------|-----------|
| 414 | 429 | 1.471e+05 | 4.501e+04 | -0.02 | -295.31 | 0.0 | -603.06 | 414.33 | 1500.39 | -4.376e+04 | 0.04 | 2.406e+04 |
| | | 2.406e+04 | 0.04 | 5.92e-04 | 0.0 | 30.0 | -603.06 | 119.01 | 1500.39 | -4.376e+04 | 4.501e+04 | 1.471e+05 |
| 414 | 430 | 1.521e+05 | -6.99e-03 | -0.02 | -295.31 | 0.0 | -518.42 | 606.84 | -255.92 | 1.773e+04 | -6.99e-03 | 2.094e+04 |
| | | 2.094e+04 | -7677.66 | -2.31e-04 | 0.0 | 30.0 | -518.42 | 311.53 | -255.92 | 1.773e+04 | -7677.66 | 1.521e+05 |
| 414 | 441 | 1.509e+05 | 2.151e+04 | -0.02 | -295.31 | 0.0 | -575.80 | 537.81 | 716.94 | -1.550e+04 | 0.02 | 2.319e+04 |
| | | 2.319e+04 | 0.02 | 1.24e-04 | 0.0 | 30.0 | -575.80 | 242.50 | 716.94 | -1.550e+04 | 2.151e+04 | 1.509e+05 |
| 414 | 456 | 1.490e+05 | 1.155e+04 | -0.02 | -295.31 | 0.0 | -547.46 | 492.10 | 385.06 | -5768.30 | 0.01 | 2.206e+04 |
| | | 2.206e+04 | 0.01 | 9.78e-05 | 0.0 | 30.0 | -547.46 | 196.79 | 385.06 | -5768.30 | 1.155e+04 | 1.490e+05 |
| 414 | 457 | 1.508e+05 | 2.617e+04 | -0.02 | -295.31 | 0.0 | -580.13 | 541.00 | 872.37 | -2.043e+04 | 0.02 | 2.325e+04 |
| | | 2.325e+04 | 0.02 | 2.19e-04 | 0.0 | 30.0 | -580.13 | 245.69 | 872.37 | -2.043e+04 | 2.617e+04 | 1.508e+05 |
| 414 | 461 | 1.508e+05 | 2.611e+04 | -0.02 | -295.31 | 0.0 | -580.23 | 540.91 | 870.29 | -2.023e+04 | 0.02 | 2.325e+04 |
| | | 2.325e+04 | 0.02 | 2.37e-04 | 0.0 | 30.0 | -580.23 | 245.60 | 870.29 | -2.023e+04 | 2.611e+04 | 1.508e+05 |
| 414 | 462 | 1.484e+05 | 1.123e+04 | -0.02 | -295.31 | 0.0 | -541.26 | 480.26 | 374.18 | -5805.43 | 0.01 | 2.176e+04 |
| | | 2.176e+04 | 0.01 | 1.25e-04 | 0.0 | 30.0 | -541.26 | 184.94 | 374.18 | -5805.43 | 1.123e+04 | 1.484e+05 |
| 415 | 111 | 3.178e+05 | -0.07 | 0.02 | -398.67 | 0.0 | -7184.18 | -532.63 | 2129.52 | -4.725e+04 | -6.321e+04 | 3.178e+05 |
| | | 4.155e+04 | -6.321e+04 | 3.01e-04 | -45.09 | 30.0 | -7184.18 | -931.30 | 2084.43 | -4.725e+04 | -6.321e+04 | 3.178e+05 |
| 415 | 154 | 1.549e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3527.47 | -154.97 | 972.11 | -2.042e+04 | -2.916e+04 | 1.549e+05 |
| | | 1.839e+04 | -2.916e+04 | 8.74e-06 | 0.0 | 30.0 | -3527.47 | -450.28 | 972.11 | -2.042e+04 | -2.916e+04 | 1.549e+05 |
| 415 | 170 | 1.998e+05 | 0.03 | 0.06 | -295.31 | 0.0 | -4290.99 | -468.66 | 1112.98 | -1.964e+04 | -3.339e+04 | 1.998e+05 |
| | | 1.561e+04 | -3.339e+04 | -5.04e-04 | 0.0 | 30.0 | -4290.99 | -763.97 | 1112.98 | -1.964e+04 | -3.339e+04 | 1.998e+05 |
| 415 | 174 | 1.652e+05 | 0.02 | 0.05 | -295.31 | 0.0 | -3612.06 | -294.93 | 936.34 | -1.720e+04 | -2.809e+04 | 1.652e+05 |
| | | 1.459e+04 | -2.809e+04 | -3.54e-04 | 0.0 | 30.0 | -3612.06 | -590.24 | 936.34 | -1.720e+04 | -2.809e+04 | 1.652e+05 |
| 415 | 316 | 2.353e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -5318.28 | -396.14 | 1574.00 | -3.511e+04 | -4.677e+04 | 2.353e+05 |
| | | 3.078e+04 | -4.677e+04 | 2.25e-04 | -30.06 | 30.0 | -5318.28 | -691.45 | 1543.94 | -3.511e+04 | -4.677e+04 | 2.353e+05 |
| 415 | 337 | 1.567e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3592.80 | -130.39 | 1026.57 | -2.197e+04 | -3.080e+04 | 1.567e+05 |
| | | 2.019e+04 | -3.080e+04 | 6.86e-05 | 0.0 | 30.0 | -3592.80 | -425.70 | 1026.57 | -2.197e+04 | -3.080e+04 | 1.567e+05 |
| 415 | 345 | 1.898e+05 | 0.01 | 0.05 | -295.31 | 0.0 | -4155.20 | -362.46 | 1129.21 | -2.133e+04 | -3.388e+04 | 1.898e+05 |
| | | 1.809e+04 | -3.388e+04 | -3.07e-04 | 0.0 | 30.0 | -4155.20 | -657.77 | 1129.21 | -2.133e+04 | -3.388e+04 | 1.898e+05 |
| 415 | 347 | 1.644e+05 | 3.98e-03 | 0.04 | -295.31 | 0.0 | -3655.62 | -234.32 | 1000.01 | -1.958e+04 | -3.000e+04 | 1.644e+05 |
| | | 1.737e+04 | -3.000e+04 | -1.95e-04 | 0.0 | 30.0 | -3655.62 | -529.63 | 1000.01 | -1.958e+04 | -3.000e+04 | 1.644e+05 |
| 415 | 393 | 1.437e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -3332.80 | -66.38 | 970.92 | -2.170e+04 | -2.913e+04 | 1.437e+05 |
| | | 2.027e+04 | -2.913e+04 | 1.37e-04 | 0.0 | 30.0 | -3332.80 | -361.69 | 970.92 | -2.170e+04 | -2.913e+04 | 1.437e+05 |
| 415 | 399 | 2.033e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -4639.47 | -270.16 | 1374.81 | -3.218e+04 | -4.124e+04 | 2.033e+05 |
| | | 2.847e+04 | -4.124e+04 | 2.64e-04 | 0.0 | 30.0 | -4639.47 | -565.48 | 1374.81 | -3.218e+04 | -4.124e+04 | 2.033e+05 |
| 415 | 402 | 1.711e+05 | -6.29e-03 | 0.04 | -295.31 | 0.0 | -3811.06 | -247.58 | 1082.06 | -2.253e+04 | -3.246e+04 | 1.711e+05 |
| | | 1.963e+04 | -3.246e+04 | -1.12e-04 | 0.0 | 30.0 | -3811.06 | -542.89 | 1082.06 | -2.253e+04 | -3.246e+04 | 1.711e+05 |
| 415 | 407 | 1.479e+05 | -0.04 | 0.02 | -295.31 | 0.0 | -3429.64 | -74.70 | 1023.59 | -2.360e+04 | -3.071e+04 | 1.479e+05 |
| | | 2.169e+04 | -3.071e+04 | 1.91e-04 | 0.0 | 30.0 | -3429.64 | -370.01 | 1023.59 | -2.360e+04 | -3.071e+04 | 1.479e+05 |
| 415 | 425 | 1.353e+05 | -2.24e-03 | 0.02 | -295.31 | 0.0 | -3167.10 | 11.48 | 549.61 | -7757.50 | -1.649e+04 | 1.353e+05 |
| | | 1.115e+04 | -1.649e+04 | 1.85e-04 | 0.0 | 30.0 | -3167.10 | -283.83 | 549.61 | -7757.50 | -1.649e+04 | 1.353e+05 |
| 415 | 426 | 1.604e+05 | -0.07 | 0.02 | -295.31 | 0.0 | -3692.18 | -160.88 | 1497.58 | -3.944e+04 | -4.493e+04 | 1.604e+05 |
| | | 3.223e+04 | -4.493e+04 | 1.97e-04 | 0.0 | 30.0 | -3692.18 | -456.20 | 1497.58 | -3.944e+04 | -4.493e+04 | 1.604e+05 |
| 415 | 430 | 1.602e+05 | -0.07 | 0.02 | -295.31 | 0.0 | -3688.68 | -161.17 | 1508.08 | -3.989e+04 | -4.524e+04 | 1.602e+05 |
| | | 3.209e+04 | -4.524e+04 | 1.54e-04 | 0.0 | 30.0 | -3688.68 | -456.48 | 1508.08 | -3.989e+04 | -4.524e+04 | 1.602e+05 |
| 415 | 457 | 1.423e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3306.09 | -33.87 | 785.20 | -1.610e+04 | -2.356e+04 | 1.423e+05 |
| | | 1.682e+04 | -2.356e+04 | 4.00e-05 | 0.0 | 30.0 | -3306.09 | -329.19 | 785.20 | -1.610e+04 | -2.356e+04 | 1.423e+05 |
| 415 | 458 | 1.534e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -3553.18 | -115.53 | 1261.99 | -3.109e+04 | -3.786e+04 | 1.534e+05 |
| | | 2.655e+04 | -3.786e+04 | 3.42e-04 | 0.0 | 30.0 | -3553.18 | -410.84 | 1261.99 | -3.109e+04 | -3.786e+04 | 1.534e+05 |
| 415 | 462 | 1.533e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -3551.43 | -115.67 | 1267.23 | -3.131e+04 | -3.802e+04 | 1.533e+05 |
| | | 2.648e+04 | -3.802e+04 | 3.20e-04 | 0.0 | 30.0 | -3551.43 | -104.98 | 1267.23 | -3.131e+04 | -3.802e+04 | 1.533e+05 |
| 415 | 465 | 1.430e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3325.55 | -35.01 | 826.52 | -1.714e+04 | -2.480e+04 | 1.430e+05 |
| | | 1.756e+04 | -2.480e+04 | 9.19e-06 | 0.0 | 30.0 | -3325.55 | -330.32 | 826.52 | -1.714e+04 | -2.480e+04 | 1.430e+05 |
| 416 | 210 | 1.855e+05 | 0.04 | -0.06 | -295.31 | 0.0 | -323.63 | 740.74 | -990.24 | 1.604e+04 | 0.04 | 1.280e+04 |
| | | 1.280e+04 | -2.971e+04 | 5.74e-04 | 0.0 | 30.0 | -323.63 | 445.43 | -990.24 | 1.604e+04 | 0.04 | 1.280e+04 |
| 416 | 214 | 1.558e+05 | 0.03 | -0.05 | -295.31 | 0.0 | -309.36 | 577.38 | -852.54 | 1.472e+04 | 0.03 | 1.266e+04 |
| | | 1.266e+04 | -2.558e+04 | 4.05e-04 | 0.0 | 30.0 | -309.36 | 282.07 | -852.54 | 1.472e+04 | 0.03 | 1.266e+04 |
| 416 | 243 | 3.197e+05 | -0.07 | -0.02 | -398.67 | 0.0 | -1064.82 | 852.13 | -2133.29 | 4.910e+04 | -0.07 | 4.424e+04 |
| | | 4.424e+04 | -6.468e+04 | -3.74e-04 | -45.09 | 30.0 | -1064.82 | 453.46 | -2178.38 | 4.910e+04 | -6.468e+04 | 4.424e+04 |
| 416 | 251 | 3.316e+05 | -0.07 | -0.02 | -398.67 | 0.0 | -1057.92 | 978.51 | -2170.91 | 4.950e+04 | -0.07 | 4.341e+04 |
| | | 4.341e+04 | -6.580e+04 | -3.25e-04 | -45.09 | 30.0 | -1057.92 | 579.84 | -2216.00 | 4.950e+04 | -6.580e+04 | 4.341e+04 |
| 416 | 365 | 1.790e+05 | 0.02 | -0.05 | -295.31 | 0.0 | -391.24 | 639.68 | -1036.35 | 1.861e+04 | 0.02 | 1.595e+04 |
| | | 1.595e+04 | -3.109e+04 | 3.59e-04 | 0.0 | 30.0 | -391.24 | 344.36 | -1036.35 | 1.861e+04 | 0.02 | 1.595e+04 |
| 416 | 367 | 1.571e+05 | 9.14e-03 | -0.04 | -295.31 | 0.0 | -381.54 | 519.15 | -935.79 | 1.767e+04 | 9.14e-03 | 1.589e+04 |
| | | 1.589e+04 | -2.807e+04 | 2.33e-04 | 0.0 | 30.0 | -381.54 | 223.84 | -935.79 | 1.767e+04 | 9.14e-03 | 1.589e+04 |
| 416 | 386 | 2.451e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -782.77 | 725.12 | -1605.42 | 3.670e+04 | -0.05 | 3.210e+04 |
| | | 3.210e+04 | -4.861e+04 | -2.43e-04 | -30.06 | 30.0 | -782.77 | 429.81 | -1635.48 | 3.670e+04 | -4.861e+04 | 3.210e+04 |
| 416 | 404 | 1.605e+05 | -3.59e-04 | -0.04 | -295.31 | 0.0 | -425.21 | 521.10 | -996.09 | 2.004e+04 | -3.59e-04 | 1.764e+04 |
| | | 1.764e+04 | -2.988e+04 | 1.54e-04 | 0.0 | 30.0 | -425.21 | 225.79 | -996.09 | 2.004e+04 | -3.59e-04 | 1.764e+04 |
| 416 | 406 | 2.082e+05 | -0.05 | -0.01 | -295.31 | 0.0 | -702.54 | 582.56 | -1404.42 | 3.292e+04 | -0.05 | 2.907e+04 |
| | | 2.907e+04 | -4.213e+04 | -2.74e-04 | 0.0 | 30.0 | -702.54 | 287.25 | -1404.42 | 3.292e+04 | -4.213e+04 | 2.907e+04 |
| 416 | 407 | 1.483e+05 | -0.04 | -0.02 | -295.31 | 0.0 | -516.42 | 371.52 | -1025.76 | 2.364e+04 | -0.04 | 2.172e+04 |
| | | 2.172e+04 | -3.077e+04 | -1.92e-04 | 0.0 | 30.0 | -516.42 | 76.21 | -1025.76 | 2.364e+04 | -3.077e+04 | 2.172e+04 |
| 416 | 424 | 1.661e+05 | -0.11 | -0.02 | -295.31 | 0.0 | -952.65 | 219.02 | -1957.83 | 5.666e+04 | -0.11 | 3.871e+04 |
| | | 3.871e+04 | -5.874e+04 | -1.22e-03 | 0.0 | 30.0 | -952.65 | -76.29 | -1957.83 | 5.666e+04 | -5.874e+04 | 3.871e+04 |
| 416 | 426 | 1.666e+05 | -0.11 | -0.02 | -295.31 | 0.0 | -942.89 | 238.68 | -2009.91 | 5.889e+04 | -0.11 | 3.848e+04 |
| | | 3.848e+04 | -6.030e+04 | -1.26e-03 | 0.0 | 30.0 | -942.89 | -56.63 | -2009.91 | 5.889e+04 | -6.030e+04 | 3.848e+04 |
| 416 | 427 | 1.304e+05 | 0.04 | -0.02 | -295.31 | 0.0 | -80.19 | 524.02 | -93.69 | -9370.86 | 0.04 | 4739.68 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|---------|----------|------------|------------|-----------|
| | | 4739.68 | -2810.61 | 8.39e-04 | 0.0 | 30.0 | -80.19 | 228.71 | -93.69 | -9370.86 | -2810.61 | 1.304e+05 |
| 416 | 429 | 1.298e+05 | 0.04 | -0.02 | -295.31 | 0.0 | -80.63 | 504.21 | -49.30 | -1.127e+04 | 0.04 | 4691.80 |
| | | 4691.80 | -1478.87 | 9.06e-04 | 0.0 | 30.0 | -80.63 | 208.89 | -49.30 | -1.127e+04 | -1478.87 | 1.298e+05 |
| 416 | 430 | 1.667e+05 | -0.11 | -0.02 | -295.31 | 0.0 | -952.21 | 238.83 | -2002.22 | 5.856e+04 | -0.11 | 3.876e+04 |
| | | 3.876e+04 | -6.007e+04 | -1.29e-03 | 0.0 | 30.0 | -952.21 | -56.48 | -2002.22 | 5.856e+04 | -6.007e+04 | 1.667e+05 |
| 416 | 456 | 1.539e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -648.31 | 404.24 | -1297.36 | 3.209e+04 | -0.05 | 2.687e+04 |
| | | 2.687e+04 | -3.892e+04 | -4.33e-04 | 0.0 | 30.0 | -648.31 | 108.93 | -1297.36 | 3.209e+04 | -3.892e+04 | 1.539e+05 |
| 416 | 458 | 1.541e+05 | -0.06 | -0.02 | -295.31 | 0.0 | -643.40 | 413.98 | -1323.46 | 3.320e+04 | -0.06 | 2.676e+04 |
| | | 2.676e+04 | -3.970e+04 | -4.50e-04 | 0.0 | 30.0 | -643.40 | 118.67 | -1323.46 | 3.320e+04 | -3.970e+04 | 1.541e+05 |
| 416 | 459 | 1.427e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -384.53 | 338.79 | -754.16 | 1.520e+04 | -0.02 | 1.658e+04 |
| | | 1.658e+04 | -2.262e+04 | 4.97e-05 | 0.0 | 30.0 | -384.53 | 43.48 | -754.16 | 1.520e+04 | -2.262e+04 | 1.427e+05 |
| 416 | 461 | 1.424e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -384.76 | 328.97 | -731.89 | 1.425e+04 | -0.02 | 1.655e+04 |
| | | 1.655e+04 | -2.196e+04 | 8.28e-05 | 0.0 | 30.0 | -384.76 | 33.66 | -731.89 | 1.425e+04 | -2.196e+04 | 1.424e+05 |
| 416 | 462 | 1.542e+05 | -0.06 | -0.02 | -295.31 | 0.0 | -648.08 | 414.06 | -1319.63 | 3.304e+04 | -0.06 | 2.690e+04 |
| | | 2.690e+04 | -3.959e+04 | -4.66e-04 | 0.0 | 30.0 | -648.08 | 118.75 | -1319.63 | 3.304e+04 | -3.959e+04 | 1.542e+05 |
| 417 | 28 | 1.943e+05 | 4.057e+04 | 0.02 | -295.31 | 0.0 | -4511.85 | -151.49 | -1352.18 | 3.360e+04 | 4.057e+04 | 1.943e+05 |
| | | 2.990e+04 | 0.06 | -3.43e-04 | 0.0 | 30.0 | -4511.85 | -446.81 | -1352.18 | 3.360e+04 | 0.06 | 2.990e+04 |
| 417 | 148 | 1.946e+05 | 4.059e+04 | 0.02 | -295.31 | 0.0 | -4518.43 | -153.01 | -1353.10 | 3.360e+04 | 4.059e+04 | 1.946e+05 |
| | | 2.990e+04 | 0.06 | -3.40e-04 | 0.0 | 30.0 | -4518.43 | -448.32 | -1353.10 | 3.360e+04 | 0.06 | 2.990e+04 |
| 417 | 249 | 1.849e+05 | 8.628e+04 | 0.03 | -398.67 | 0.0 | -9459.64 | -557.85 | -2898.65 | 7.266e+04 | 8.628e+04 | 1.849e+05 |
| | | 6.576e+04 | 0.12 | -6.48e-04 | 45.09 | 30.0 | -9459.64 | -956.52 | -2853.56 | 7.266e+04 | 0.12 | 6.576e+04 |
| 417 | 274 | 1.846e+05 | 3.881e+04 | 0.02 | -295.31 | 0.0 | -4293.57 | -125.08 | -1293.61 | 3.122e+04 | 3.881e+04 | 1.846e+05 |
| | | 2.833e+04 | 0.05 | -3.08e-04 | 0.0 | 30.0 | -4293.57 | -420.39 | -1293.61 | 3.122e+04 | 0.05 | 2.833e+04 |
| 417 | 334 | 1.849e+05 | 3.883e+04 | 0.02 | -295.31 | 0.0 | -4298.46 | -126.20 | -1294.29 | 3.122e+04 | 3.883e+04 | 1.849e+05 |
| | | 2.833e+04 | 0.05 | -3.06e-04 | 0.0 | 30.0 | -4298.46 | -421.51 | -1294.29 | 3.122e+04 | 0.05 | 2.833e+04 |
| 417 | 385 | 3.026e+05 | 6.343e+04 | 0.02 | -295.31 | 0.0 | -6974.40 | -411.84 | -2129.52 | 5.344e+04 | 6.343e+04 | 3.026e+05 |
| | | 4.834e+04 | 0.09 | -4.69e-04 | 30.06 | 30.0 | -6974.40 | -707.15 | -2099.46 | 5.344e+04 | 0.09 | 4.834e+04 |
| 417 | 391 | 1.483e+05 | 3.079e+04 | 0.02 | -295.31 | 0.0 | -3439.27 | -76.27 | -1026.21 | 2.366e+04 | 3.079e+04 | 1.483e+05 |
| | | 2.174e+04 | 0.04 | -1.92e-04 | 0.0 | 30.0 | -3439.27 | -371.58 | -1026.21 | 2.366e+04 | 0.04 | 2.174e+04 |
| 417 | 406 | 2.334e+05 | 4.794e+04 | 0.02 | -295.31 | 0.0 | -5364.63 | -293.11 | -1598.14 | 3.920e+04 | 4.794e+04 | 2.334e+05 |
| | | 3.563e+04 | 0.06 | -2.77e-04 | 0.0 | 30.0 | -5364.63 | -588.43 | -1598.14 | 3.920e+04 | 0.06 | 3.563e+04 |
| 417 | 407 | 1.483e+05 | 3.079e+04 | 0.02 | -295.31 | 0.0 | -3439.27 | -76.27 | -1026.21 | 2.366e+04 | 3.079e+04 | 1.483e+05 |
| | | 2.174e+04 | 0.04 | -1.92e-04 | 0.0 | 30.0 | -3439.27 | -371.58 | -1026.21 | 2.366e+04 | 0.04 | 2.174e+04 |
| 417 | 427 | 1.661e+05 | 5.581e+04 | 0.02 | -295.31 | 0.0 | -3825.25 | 57.48 | -1860.25 | 4.977e+04 | 5.581e+04 | 1.661e+05 |
| | | 3.706e+04 | 0.10 | -9.59e-04 | 0.0 | 30.0 | -3825.25 | -237.83 | -1860.25 | 4.977e+04 | 0.10 | 3.706e+04 |
| 417 | 428 | 1.305e+05 | 6024.68 | 0.02 | -295.31 | 0.0 | -3051.51 | -210.63 | -200.82 | -2081.41 | 6024.68 | 1.305e+05 |
| | | 6352.83 | -0.03 | 6.82e-04 | 0.0 | 30.0 | -3051.51 | -505.94 | -200.82 | -2081.41 | -0.03 | 6352.83 |
| 417 | 431 | 1.661e+05 | 5.555e+04 | 0.02 | -295.31 | 0.0 | -3827.02 | 58.10 | -1851.61 | 4.940e+04 | 5.555e+04 | 1.661e+05 |
| | | 3.713e+04 | 0.10 | -1.07e-03 | 0.0 | 30.0 | -3827.02 | -237.21 | -1851.61 | 4.940e+04 | 0.10 | 3.713e+04 |
| 417 | 459 | 1.547e+05 | 3.981e+04 | 0.02 | -295.31 | 0.0 | -3587.94 | -116.81 | -1327.08 | 3.380e+04 | 3.981e+04 | 1.547e+05 |
| | | 2.760e+04 | 0.06 | -4.60e-04 | 0.0 | 30.0 | -3587.94 | -412.13 | -1327.08 | 3.380e+04 | 0.06 | 2.760e+04 |
| 417 | 460 | 1.419e+05 | 2.189e+04 | 0.02 | -295.31 | 0.0 | -3289.71 | -36.02 | -729.67 | 1.371e+04 | 2.189e+04 | 1.419e+05 |
| | | 1.585e+04 | 0.02 | 1.30e-04 | 0.0 | 30.0 | -3289.71 | -331.33 | -729.67 | 1.371e+04 | 0.02 | 1.585e+04 |
| 417 | 463 | 1.547e+05 | 3.968e+04 | 0.02 | -295.31 | 0.0 | -3588.82 | -116.51 | -1322.75 | 3.362e+04 | 3.968e+04 | 1.547e+05 |
| | | 2.763e+04 | 0.06 | -5.13e-04 | 0.0 | 30.0 | -3588.82 | -411.83 | -1322.75 | 3.362e+04 | 0.06 | 2.763e+04 |
| 418 | 28 | 1.997e+05 | 4.163e+04 | -0.02 | -295.30 | 0.0 | -735.55 | 465.23 | 1387.55 | -3.455e+04 | 4.163e+04 | 1.997e+05 |
| | | 3.071e+04 | 0.06 | 3.42e-04 | 0.0 | 30.0 | -735.55 | 169.93 | 1387.55 | -3.455e+04 | 0.06 | 3.071e+04 |
| 418 | 229 | 4.186e+05 | 8.766e+04 | -0.03 | -398.66 | 0.0 | -1600.40 | 987.03 | 2899.57 | -7.370e+04 | 8.766e+04 | 4.186e+05 |
| | | 6.653e+04 | 0.12 | 6.50e-04 | 45.09 | 30.0 | -1600.40 | 588.37 | 2944.66 | -7.370e+04 | 0.12 | 6.653e+04 |
| 418 | 274 | 1.883e+05 | 3.952e+04 | -0.02 | -295.30 | 0.0 | -687.80 | 432.74 | 1317.30 | -3.185e+04 | 3.952e+04 | 1.883e+05 |
| | | 2.888e+04 | 0.05 | 3.08e-04 | 0.0 | 30.0 | -687.80 | 137.44 | 1317.30 | -3.185e+04 | 0.05 | 2.888e+04 |
| 418 | 375 | 3.083e+05 | 6.437e+04 | -0.02 | -295.30 | 0.0 | -1175.39 | 728.25 | 2130.84 | -5.413e+04 | 6.437e+04 | 3.083e+05 |
| | | 4.885e+04 | 0.09 | 4.72e-04 | 30.06 | 30.0 | -1175.39 | 432.94 | 2160.90 | -5.413e+04 | 0.09 | 4.885e+04 |
| 418 | 391 | 1.485e+05 | 3.082e+04 | -0.02 | -295.30 | 0.0 | -517.43 | 372.36 | 1027.42 | -2.369e+04 | 3.082e+04 | 1.485e+05 |
| | | 2.176e+04 | 0.04 | 1.92e-04 | 0.0 | 30.0 | -517.43 | 77.06 | 1027.42 | -2.369e+04 | 0.04 | 2.176e+04 |
| 418 | 405 | 2.348e+05 | 4.812e+04 | -0.02 | -295.30 | 0.0 | -856.85 | 594.53 | 1603.92 | -3.925e+04 | 4.812e+04 | 2.348e+05 |
| | | 3.562e+04 | 0.06 | 2.84e-04 | 0.0 | 30.0 | -856.85 | 299.23 | 1603.92 | -3.925e+04 | 0.06 | 3.562e+04 |
| 418 | 407 | 1.485e+05 | 3.082e+04 | -0.02 | -295.30 | 0.0 | -517.43 | 372.36 | 1027.42 | -2.369e+04 | 3.082e+04 | 1.485e+05 |
| | | 2.176e+04 | 0.04 | 1.92e-04 | 0.0 | 30.0 | -517.43 | 77.06 | 1027.42 | -2.369e+04 | 0.04 | 2.176e+04 |
| 418 | 424 | 1.364e+05 | 1.566e+04 | -0.02 | -295.30 | 0.0 | -271.27 | 290.04 | 521.98 | -5445.71 | -4.05e-04 | 1.181e+04 |
| | | 1.181e+04 | -4.05e-04 | 1.44e-05 | 0.0 | 30.0 | -271.27 | -5.26 | 521.98 | -5445.71 | 1.566e+04 | 1.364e+05 |
| 418 | 427 | 1.606e+05 | 4.598e+04 | -0.01 | -295.30 | 0.0 | -763.58 | 454.68 | 1532.85 | -4.193e+04 | 4.598e+04 | 1.606e+05 |
| | | 3.172e+04 | 0.07 | 3.70e-04 | 0.0 | 30.0 | -763.58 | 159.38 | 1532.85 | -4.193e+04 | 0.07 | 3.172e+04 |
| 418 | 431 | 1.605e+05 | 4.607e+04 | -0.01 | -295.30 | 0.0 | -760.70 | 455.09 | 1535.70 | -4.205e+04 | 4.607e+04 | 1.605e+05 |
| | | 3.161e+04 | 0.07 | 3.44e-04 | 0.0 | 30.0 | -760.70 | 159.79 | 1535.70 | -4.205e+04 | 0.07 | 3.161e+04 |
| 418 | 456 | 1.434e+05 | 2.387e+04 | -0.02 | -295.30 | 0.0 | -407.67 | 333.59 | 795.80 | -1.558e+04 | 2.387e+04 | 1.434e+05 |
| | | 1.738e+04 | 0.02 | 5.79e-05 | 0.0 | 30.0 | -407.67 | 38.28 | 795.80 | -1.558e+04 | 0.02 | 1.738e+04 |
| 418 | 459 | 1.536e+05 | 3.777e+04 | -0.01 | -295.30 | 0.0 | -627.18 | 411.13 | 1259.03 | -3.180e+04 | 3.777e+04 | 1.536e+05 |
| | | 2.615e+04 | 0.05 | 3.26e-04 | 0.0 | 30.0 | -627.18 | 115.83 | 1259.03 | -3.180e+04 | 0.05 | 2.615e+04 |
| 418 | 463 | 1.536e+05 | 3.781e+04 | -0.01 | -295.30 | 0.0 | -625.74 | 411.33 | 1260.46 | -3.186e+04 | 3.781e+04 | 1.536e+05 |
| | | 2.609e+04 | 0.05 | 3.14e-04 | 0.0 | 30.0 | -625.74 | 116.03 | 1260.46 | -3.186e+04 | 0.05 | 2.609e+04 |
| 418 | 464 | 1.438e+05 | 2.521e+04 | -0.02 | -295.30 | 0.0 | -425.04 | 335.74 | 840.28 | -1.664e+04 | 2.521e+04 | 1.438e+05 |
| | | 1.804e+04 | 0.02 | 2.43e-05 | 0.0 | 30.0 | -425.04 | 40.44 | 840.28 | -1.664e+04 | 0.02 | 1.804e+04 |
| 419 | 26 | 1.894e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4289.82 | -301.18 | 722.92 | -1.156e+04 | -2.169e+04 | 1.894e+05 |
| | | 2.723e+04 | -2.169e+04 | 1.65e-04 | 0.0 | 30.0 | -4289.82 | -596.50 | 722.92 | -1.156e+04 | -0.02 | 2.723e+04 |
| 419 | 28 | 1.881e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4273.86 | -284.75 | 753.14 | -1.345e+04 | -2.259e+04 | 1.881e+05 |
| | | 2.782e+04 | -2.259e+04 | 1.85e-04 | 0.0 | 30.0 | -4273.86 | -580.06 | 753.14 | -1.345e+04 | -0.02 | 2.782e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|----------|----------|------------|------------|-----------|
| 419 | 171 | 3.658e+05 | -0.04 | 0.03 | -398.67 | 0.0 | -8244.31 | -729.98 | 1538.07 | -2.797e+04 | -4.614e+04 | 3.658e+05 |
| | | 5.392e+04 | -4.614e+04 | 3.76e-04 | 0.0 | 30.0 | -8244.31 | -1128.65 | 1538.07 | -2.797e+04 | -0.04 | 5.392e+04 |
| 419 | 230 | 2.635e+05 | -3.87e-04 | 0.07 | -295.31 | 0.0 | -5939.60 | -448.69 | 994.30 | -9639.72 | -2.983e+04 | 2.635e+05 |
| | | 3.750e+04 | -2.983e+04 | -8.56e-05 | 0.0 | 30.0 | -5939.60 | -744.00 | 994.30 | -9639.72 | -3.87e-04 | 3.750e+04 |
| 419 | 249 | 3.815e+05 | -0.05 | 0.03 | -398.67 | 0.0 | -8567.09 | -814.06 | 1510.81 | -2.495e+04 | -4.532e+04 | 3.815e+05 |
| | | 5.392e+04 | -4.532e+04 | 5.32e-04 | 0.0 | 30.0 | -8567.09 | -1212.73 | 1510.81 | -2.495e+04 | -0.05 | 5.392e+04 |
| 419 | 273 | 1.814e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4099.55 | -292.17 | 711.07 | -1.222e+04 | -2.133e+04 | 1.814e+05 |
| | | 2.627e+04 | -2.133e+04 | 1.74e-04 | 0.0 | 30.0 | -4099.55 | -587.48 | 711.07 | -1.222e+04 | -0.02 | 2.627e+04 |
| 419 | 274 | 1.806e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4088.91 | -281.21 | 731.22 | -1.348e+04 | -2.194e+04 | 1.806e+05 |
| | | 2.666e+04 | -2.194e+04 | 1.87e-04 | 0.0 | 30.0 | -4088.91 | -576.53 | 731.22 | -1.348e+04 | -0.02 | 2.666e+04 |
| 419 | 346 | 2.701e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -6089.66 | -536.12 | 1139.40 | -2.082e+04 | -3.418e+04 | 2.701e+05 |
| | | 3.988e+04 | -3.418e+04 | 2.79e-04 | 0.0 | 30.0 | -6089.66 | -831.44 | 1139.40 | -2.082e+04 | -0.03 | 3.988e+04 |
| 419 | 375 | 2.363e+05 | -5.16e-03 | 0.06 | -295.31 | 0.0 | -5321.36 | -401.75 | 911.52 | -1.076e+04 | -2.735e+04 | 2.363e+05 |
| | | 3.386e+04 | -2.735e+04 | -1.20e-05 | 0.0 | 30.0 | -5321.36 | -697.06 | 911.52 | -1.076e+04 | -5.16e-03 | 3.386e+04 |
| 419 | 385 | 2.817e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -6328.05 | -597.67 | 1120.55 | -1.867e+04 | -3.362e+04 | 2.817e+05 |
| | | 3.990e+04 | -3.362e+04 | 3.96e-04 | 0.0 | 30.0 | -6328.05 | -892.99 | 1120.55 | -1.867e+04 | -0.03 | 3.990e+04 |
| 419 | 391 | 1.496e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3381.63 | -215.23 | 621.85 | -1.300e+04 | -1.866e+04 | 1.496e+05 |
| | | 2.249e+04 | -1.866e+04 | 1.81e-04 | 0.0 | 30.0 | -3381.63 | -510.54 | 621.85 | -1.300e+04 | -0.02 | 2.249e+04 |
| 419 | 393 | 1.504e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3395.77 | -223.13 | 588.23 | -1.144e+04 | -1.765e+04 | 1.504e+05 |
| | | 2.220e+04 | -1.765e+04 | 1.64e-04 | 0.0 | 30.0 | -3395.77 | -518.44 | 588.23 | -1.144e+04 | -0.02 | 2.220e+04 |
| 419 | 402 | 2.159e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -4858.43 | -409.72 | 927.05 | -1.875e+04 | -2.781e+04 | 2.159e+05 |
| | | 3.233e+04 | -2.781e+04 | 2.53e-04 | 0.0 | 30.0 | -4858.43 | -705.03 | 927.05 | -1.875e+04 | -0.02 | 3.233e+04 |
| 419 | 405 | 1.901e+05 | -8.49e-03 | 0.04 | -295.31 | 0.0 | -4277.41 | -304.01 | 765.21 | -1.177e+04 | -2.296e+04 | 1.901e+05 |
| | | 2.799e+04 | -2.296e+04 | 4.10e-05 | 0.0 | 30.0 | -4277.41 | -599.32 | 765.21 | -1.177e+04 | -8.49e-03 | 2.799e+04 |
| 419 | 406 | 2.242e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -5032.43 | -450.95 | 921.99 | -1.770e+04 | -2.766e+04 | 2.242e+05 |
| | | 3.252e+04 | -2.766e+04 | 3.47e-04 | 0.0 | 30.0 | -5032.43 | -746.26 | 921.99 | -1.770e+04 | -0.03 | 3.252e+04 |
| 419 | 407 | 1.496e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3381.63 | -215.23 | 621.85 | -1.300e+04 | -1.866e+04 | 1.496e+05 |
| | | 2.249e+04 | -1.866e+04 | 1.81e-04 | 0.0 | 30.0 | -3381.63 | -510.54 | 621.85 | -1.300e+04 | -0.02 | 2.249e+04 |
| 419 | 409 | 1.397e+05 | -4.07e-03 | 0.02 | -295.31 | 0.0 | -3164.74 | -216.12 | 444.50 | -5959.88 | -1.334e+04 | 1.397e+05 |
| | | 1.387e+04 | -1.334e+04 | -3.04e-04 | 0.0 | 30.0 | -3164.74 | -511.43 | 444.50 | -5959.88 | -4.07e-03 | 1.387e+04 |
| 419 | 410 | 1.595e+05 | -0.03 | 0.01 | -295.31 | 0.0 | -3598.52 | -214.34 | 799.20 | -2.005e+04 | -2.398e+04 | 1.595e+05 |
| | | 3.111e+04 | -2.398e+04 | 6.66e-04 | 0.0 | 30.0 | -3598.52 | -509.65 | 799.20 | -2.005e+04 | -0.03 | 3.111e+04 |
| 419 | 424 | 1.501e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -3347.73 | -95.48 | 1321.74 | -3.320e+04 | -3.965e+04 | 1.501e+05 |
| | | 2.088e+04 | -3.965e+04 | 3.50e-04 | 0.0 | 30.0 | -3347.73 | -390.79 | 1321.74 | -3.320e+04 | -0.03 | 2.088e+04 |
| 419 | 427 | 1.491e+05 | 2341.15 | 0.01 | -295.31 | 0.0 | -3415.54 | -334.97 | -78.04 | 7190.53 | 2341.15 | 1.491e+05 |
| | | 2.410e+04 | 4.22e-04 | 1.19e-05 | 0.0 | 30.0 | -3415.54 | -630.29 | -78.04 | 7190.53 | 4.22e-04 | 2.410e+04 |
| 419 | 441 | 1.450e+05 | -0.01 | 0.02 | -295.31 | 0.0 | -3272.84 | -192.56 | 566.41 | -1.027e+04 | -1.699e+04 | 1.450e+05 |
| | | 1.816e+04 | -1.699e+04 | -4.06e-05 | 0.0 | 30.0 | -3272.84 | -487.87 | 566.41 | -1.027e+04 | -0.01 | 1.816e+04 |
| 419 | 442 | 1.542e+05 | -0.02 | 0.01 | -295.31 | 0.0 | -3490.42 | -237.90 | 677.30 | -1.574e+04 | -2.032e+04 | 1.542e+05 |
| | | 2.682e+04 | -2.032e+04 | 4.03e-04 | 0.0 | 30.0 | -3490.42 | -533.21 | 677.30 | -1.574e+04 | -0.02 | 2.682e+04 |
| 419 | 446 | 1.543e+05 | -0.02 | 0.01 | -295.31 | 0.0 | -3489.24 | -234.85 | 651.75 | -1.474e+04 | -1.955e+04 | 1.543e+05 |
| | | 2.679e+04 | -1.955e+04 | 3.84e-04 | 0.0 | 30.0 | -3489.24 | -530.16 | 651.75 | -1.474e+04 | -0.02 | 2.679e+04 |
| 419 | 456 | 1.489e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3366.03 | -231.96 | 861.01 | -2.046e+04 | -2.583e+04 | 1.489e+05 |
| | | 2.177e+04 | -2.583e+04 | 1.98e-04 | 0.0 | 30.0 | -3366.03 | -527.27 | 861.01 | -2.046e+04 | -0.02 | 2.177e+04 |
| 419 | 457 | 1.476e+05 | -0.01 | 0.02 | -295.31 | 0.0 | -3334.77 | -188.78 | 391.67 | -5273.98 | -1.175e+04 | 1.476e+05 |
| | | 2.070e+04 | -1.175e+04 | 4.48e-05 | 0.0 | 30.0 | -3334.77 | -484.10 | 391.67 | -5273.98 | -0.01 | 2.070e+04 |
| 420 | 3 | 3.883e+05 | -0.02 | -0.06 | -398.67 | 0.0 | -1415.25 | 1214.88 | -1621.09 | 2.555e+04 | -0.02 | 5.642e+04 |
| | | 5.642e+04 | -4.863e+04 | -1.73e-04 | 0.0 | 30.0 | -1415.25 | 816.21 | -1621.09 | 2.555e+04 | -4.863e+04 | 3.883e+05 |
| 420 | 26 | 1.944e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -697.05 | 615.81 | -745.39 | 1.206e+04 | -0.02 | 2.793e+04 |
| | | 2.793e+04 | -2.236e+04 | -1.92e-04 | 0.0 | 30.0 | -697.05 | 320.49 | -745.39 | 1.206e+04 | -2.236e+04 | 1.944e+05 |
| 420 | 229 | 3.915e+05 | -0.05 | -0.02 | -398.67 | 0.0 | -1386.95 | 1249.17 | -1560.45 | 2.624e+04 | -0.05 | 5.566e+04 |
| | | 5.566e+04 | -4.681e+04 | -5.58e-04 | 0.0 | 30.0 | -1386.95 | 850.50 | -1560.45 | 2.624e+04 | -4.681e+04 | 3.915e+05 |
| 420 | 250 | 2.942e+05 | -6.14e-03 | -0.07 | -295.31 | 0.0 | -1071.63 | 856.29 | -1159.45 | 1.417e+04 | -6.14e-03 | 4.261e+04 |
| | | 4.261e+04 | -3.478e+04 | 2.78e-05 | 0.0 | 30.0 | -1071.63 | 560.98 | -1159.45 | 1.417e+04 | -3.478e+04 | 2.942e+05 |
| 420 | 261 | 2.864e+05 | -0.02 | -0.05 | -295.31 | 0.0 | -1040.64 | 898.24 | -1192.14 | 1.854e+04 | -0.02 | 4.147e+04 |
| | | 4.147e+04 | -3.576e+04 | -1.25e-04 | 0.0 | 30.0 | -1040.64 | 602.93 | -1192.14 | 1.854e+04 | -3.576e+04 | 2.864e+05 |
| 420 | 273 | 1.848e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -667.83 | 600.41 | -726.11 | 1.256e+04 | -0.02 | 2.673e+05 |
| | | 2.673e+04 | -2.178e+04 | -1.91e-04 | 0.0 | 30.0 | -667.83 | 305.10 | -726.11 | 1.256e+04 | -2.178e+04 | 1.848e+05 |
| 420 | 375 | 2.886e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -1024.77 | 918.36 | -1155.39 | 1.958e+04 | -0.03 | 4.113e+04 |
| | | 4.113e+04 | -3.466e+04 | -4.13e-04 | 0.0 | 30.0 | -1024.77 | 623.05 | -1155.39 | 1.958e+04 | -3.466e+04 | 2.886e+05 |
| 420 | 385 | 2.587e+05 | -9.27e-03 | -0.06 | -295.31 | 0.0 | -944.93 | 778.86 | -1032.29 | 1.409e+04 | -9.27e-03 | 3.759e+04 |
| | | 3.759e+04 | -3.097e+04 | -3.05e-05 | 0.0 | 30.0 | -944.93 | 483.55 | -1032.29 | 1.409e+04 | -3.097e+04 | 2.587e+05 |
| 420 | 393 | 1.507e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -554.58 | 519.00 | -591.27 | 1.156e+04 | -0.02 | 2.226e+04 |
| | | 2.226e+04 | -1.774e+04 | -1.76e-04 | 0.0 | 30.0 | -554.58 | 223.69 | -591.27 | 1.156e+04 | -1.774e+04 | 1.507e+05 |
| 420 | 394 | 2.253e+05 | -0.02 | -0.04 | -295.31 | 0.0 | -834.11 | 741.21 | -960.43 | 1.714e+04 | -0.02 | 3.330e+04 |
| | | 3.330e+04 | -2.881e+04 | -1.31e-04 | 0.0 | 30.0 | -834.11 | 445.90 | -960.43 | 1.714e+04 | -2.881e+04 | 2.253e+05 |
| 420 | 405 | 2.267e+05 | -0.03 | -0.02 | -295.31 | 0.0 | -822.67 | 754.88 | -936.23 | 1.812e+04 | -0.03 | 3.307e+04 |
| | | 3.307e+04 | -2.809e+04 | -3.48e-04 | 0.0 | 30.0 | -822.67 | 459.56 | -936.23 | 1.812e+04 | -2.809e+04 | 2.267e+05 |
| 420 | 406 | 2.042e+05 | -0.01 | -0.04 | -295.31 | 0.0 | -762.79 | 650.26 | -843.89 | 1.400e+04 | -0.01 | 3.041e+04 |
| | | 3.041e+04 | -2.532e+04 | -6.13e-05 | 0.0 | 30.0 | -762.79 | 354.94 | -843.89 | 1.400e+04 | -2.532e+04 | 2.042e+05 |
| 420 | 407 | 1.498e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -561.43 | 511.41 | -623.12 | 1.303e+04 | -0.02 | 2.252e+04 |
| | | 2.253e+04 | -1.869e+04 | -1.81e-04 | 0.0 | 30.0 | -561.43 | 216.10 | -623.12 | 1.303e+04 | -1.869e+04 | 1.498e+05 |
| 420 | 409 | 1.423e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -416.21 | 443.88 | -550.02 | 7748.32 | -0.02 | 1.645e+04 |
| | | 1.645e+04 | -1.650e+04 | -8.31e-05 | 0.0 | 30.0 | -416.21 | 148.57 | -550.02 | 7748.32 | -1.650e+04 | 1.423e+05 |
| 420 | 410 | 1.574e+05 | -0.02 | -8.50e-03 | -295.31 | 0.0 | -706.65 | 578.95 | -696.22 | 1.832e+04 | -0.02 | 2.862e+04 |
| | | 2.862e+04 | -2.089e+04 | -2.79e-04 | 0.0 | 30.0 | -706.65 | 283.64 | -696.22 | 1.832e+04 | -2.089e+04 | 1.574e+05 |
| 420 | 428 | 1.499e+05 | -4.01e-04 | -0.02 | -295.31 | 0.0 | -560.20 | 520.25 | -1024.25 | 2.604e+04 | -4.01e-04 | 2.240e+04 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|----------|----------|------------|------------|-----------|
| | | 2.240e+04 | -3.073e+04 | 7.28e-05 | 0.0 | 30.0 | -560.20 | 224.94 | -1024.25 | 2.604e+04 | -3.073e+04 | 1.499e+05 |
| 420 | 441 | 1.462e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -490.45 | 477.15 | -593.33 | 1.068e+04 | -0.01 | 1.956e+04 |
| | | 1.950e+04 | -1.780e+04 | -1.18e-04 | 0.0 | 30.0 | -490.45 | 181.84 | -593.33 | 1.068e+04 | -1.780e+04 | 1.462e+05 |
| 420 | 442 | 1.535e+05 | -0.02 | -0.01 | -295.31 | 0.0 | -632.41 | 545.68 | -652.91 | 1.539e+04 | -0.02 | 2.550e+04 |
| | | 2.550e+04 | -1.959e+04 | -2.44e-04 | 0.0 | 30.0 | -632.41 | 250.36 | -652.91 | 1.539e+04 | -1.959e+04 | 1.535e+05 |
| 420 | 449 | 1.462e+05 | -0.01 | -0.02 | -295.31 | 0.0 | -491.46 | 476.41 | -596.27 | 1.079e+04 | -0.01 | 1.960e+04 |
| | | 1.960e+04 | -1.789e+04 | -7.01e-05 | 0.0 | 30.0 | -491.46 | 181.10 | -596.27 | 1.079e+04 | -1.789e+04 | 1.462e+05 |
| 420 | 460 | 1.495e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -555.48 | 516.16 | -802.85 | 1.857e+04 | -0.02 | 2.222e+04 |
| | | 2.222e+04 | -2.409e+04 | -1.00e-04 | 0.0 | 30.0 | -555.48 | 220.84 | -802.85 | 1.857e+04 | -2.409e+04 | 1.495e+05 |
| 421 | 1 | 3.394e+05 | 4.373e+04 | 0.02 | -398.67 | 0.0 | -7605.25 | -738.92 | -1457.73 | 3.715e+04 | 4.373e+04 | 3.394e+05 |
| | | 5.329e+04 | 0.04 | -4.17e-04 | 0.0 | 30.0 | -7605.25 | -1137.59 | -1457.73 | 3.715e+04 | 0.04 | 5.329e+04 |
| 421 | 26 | 1.773e+05 | 2.417e+04 | 0.02 | -295.31 | 0.0 | -4019.55 | -278.58 | -805.60 | 2.105e+04 | 2.417e+04 | 1.773e+05 |
| | | 2.852e+04 | 0.03 | -2.86e-04 | 0.0 | 30.0 | -4019.55 | -573.90 | -805.60 | 2.105e+04 | 0.03 | 2.852e+04 |
| 421 | 28 | 1.785e+05 | 2.326e+04 | 0.02 | -295.31 | 0.0 | -4035.59 | -295.03 | -775.39 | 1.916e+04 | 2.326e+04 | 1.785e+05 |
| | | 2.794e+04 | 0.03 | -2.67e-04 | 0.0 | 30.0 | -4035.59 | -590.35 | -775.39 | 1.916e+04 | 0.03 | 2.794e+04 |
| 421 | 171 | 3.422e+05 | 4.285e+04 | 0.02 | -398.67 | 0.0 | -7655.06 | -762.86 | -1428.24 | 3.535e+04 | 4.285e+04 | 3.422e+05 |
| | | 5.306e+04 | 0.05 | -4.94e-04 | 0.0 | 30.0 | -7655.06 | -1161.53 | -1428.24 | 3.535e+04 | 0.05 | 5.306e+04 |
| 421 | 248 | 2.274e+05 | 2.932e+04 | 0.01 | -295.31 | 0.0 | -5098.16 | -475.75 | -977.38 | 2.313e+04 | 2.932e+04 | 2.274e+05 |
| | | 3.520e+04 | 0.02 | -1.99e-04 | 0.0 | 30.0 | -5098.16 | -771.06 | -977.38 | 2.313e+04 | 0.02 | 3.520e+04 |
| 421 | 273 | 1.727e+05 | 2.287e+04 | 0.02 | -295.31 | 0.0 | -3903.82 | -278.48 | -762.26 | 1.875e+04 | 2.287e+04 | 1.727e+05 |
| | | 2.711e+04 | 0.02 | -2.58e-04 | 0.0 | 30.0 | -3903.82 | -573.80 | -762.26 | 1.875e+04 | 0.02 | 2.711e+04 |
| 421 | 274 | 1.736e+05 | 2.226e+04 | 0.02 | -295.31 | 0.0 | -3914.52 | -289.45 | -742.13 | 1.749e+04 | 2.226e+04 | 1.736e+05 |
| | | 2.672e+04 | 0.02 | -2.46e-04 | 0.0 | 30.0 | -3914.52 | -584.76 | -742.13 | 1.749e+04 | 0.02 | 2.672e+04 |
| 421 | 346 | 2.528e+05 | 3.155e+04 | 0.02 | -295.31 | 0.0 | -5655.75 | -561.58 | -1051.59 | 2.601e+04 | 3.155e+04 | 2.528e+05 |
| | | 3.920e+04 | 0.03 | -3.63e-04 | 0.0 | 30.0 | -5655.75 | -856.89 | -1051.59 | 2.601e+04 | 0.03 | 3.920e+04 |
| 421 | 384 | 2.099e+05 | 2.676e+04 | 0.02 | -295.31 | 0.0 | -4703.55 | -423.64 | -892.12 | 2.044e+04 | 2.676e+04 | 2.099e+05 |
| | | 3.211e+04 | 0.02 | -1.95e-04 | 0.0 | 30.0 | -4703.55 | -718.96 | -892.12 | 2.044e+04 | 0.02 | 3.211e+04 |
| 421 | 385 | 2.497e+05 | 3.210e+04 | 0.02 | -295.31 | 0.0 | -5598.83 | -537.91 | -1070.04 | 2.723e+04 | 3.210e+04 | 2.497e+05 |
| | | 3.944e+04 | 0.03 | -2.60e-04 | 0.0 | 30.0 | -5598.83 | -833.22 | -1070.04 | 2.723e+04 | 0.03 | 3.944e+04 |
| 421 | 391 | 1.496e+05 | 1.865e+04 | 0.02 | -295.31 | 0.0 | -3381.64 | -215.23 | -621.83 | 1.300e+04 | 1.865e+04 | 1.496e+05 |
| | | 2.249e+04 | 0.02 | -1.81e-04 | 0.0 | 30.0 | -3381.64 | -510.54 | -621.83 | 1.300e+04 | 0.02 | 2.249e+04 |
| 421 | 393 | 1.488e+05 | 1.966e+04 | 0.02 | -295.31 | 0.0 | -3367.48 | -207.33 | -655.45 | 1.456e+04 | 1.966e+04 | 1.488e+05 |
| | | 2.278e+04 | 0.02 | -1.98e-04 | 0.0 | 30.0 | -3367.48 | -502.64 | -655.45 | 1.456e+04 | 0.02 | 2.278e+04 |
| 421 | 394 | 2.080e+05 | 2.573e+04 | 0.02 | -295.31 | 0.0 | -4664.27 | -416.48 | -857.80 | 1.936e+04 | 2.573e+04 | 2.080e+05 |
| | | 3.161e+04 | 0.02 | -2.15e-04 | 0.0 | 30.0 | -4664.27 | -711.79 | -857.80 | 1.936e+04 | 0.02 | 3.161e+04 |
| 421 | 402 | 2.092e+05 | 2.554e+04 | 0.02 | -295.31 | 0.0 | -4686.59 | -424.29 | -851.48 | 1.899e+04 | 2.554e+04 | 2.092e+05 |
| | | 3.167e+04 | 0.02 | -2.64e-04 | 0.0 | 30.0 | -4686.59 | -719.61 | -851.48 | 1.899e+04 | 0.02 | 3.167e+04 |
| 421 | 407 | 1.496e+05 | 1.865e+04 | 0.02 | -295.31 | 0.0 | -3381.64 | -215.23 | -621.83 | 1.300e+04 | 1.865e+04 | 1.496e+05 |
| | | 2.249e+04 | 0.02 | -1.81e-04 | 0.0 | 30.0 | -3381.64 | -510.54 | -621.83 | 1.300e+04 | 0.02 | 2.249e+04 |
| 421 | 416 | 1.398e+05 | 1.345e+04 | 0.02 | -295.31 | 0.0 | -3164.24 | -213.30 | -448.43 | 5760.76 | 1.345e+04 | 1.398e+05 |
| | | 1.384e+04 | 4.05e-03 | 3.03e-04 | 0.0 | 30.0 | -3164.24 | -508.61 | -448.43 | 5760.76 | 4.05e-03 | 1.384e+04 |
| 421 | 419 | 1.594e+05 | 2.386e+04 | 0.01 | -295.31 | 0.0 | -3599.03 | -217.16 | -795.23 | 2.024e+04 | 2.386e+04 | 1.594e+05 |
| | | 3.114e+04 | 0.03 | -6.65e-04 | 0.0 | 30.0 | -3599.03 | -512.48 | -795.23 | 2.024e+04 | 0.03 | 3.114e+04 |
| 421 | 429 | 1.499e+05 | 3.922e+04 | 0.02 | -295.31 | 0.0 | -3349.53 | -103.91 | -1307.36 | 3.382e+04 | 3.922e+04 | 1.499e+05 |
| | | 2.099e+04 | 0.03 | -3.49e-04 | 0.0 | 30.0 | -3349.53 | -399.22 | -1307.36 | 3.382e+04 | 0.03 | 2.099e+04 |
| 421 | 430 | 1.493e+05 | -4.78e-04 | 0.01 | -295.31 | 0.0 | -3413.74 | -326.55 | 63.69 | -7817.31 | -1910.77 | 1.493e+05 |
| | | 2.399e+04 | -1910.77 | -1.30e-05 | 0.0 | 30.0 | -3413.74 | -621.87 | 63.69 | -7817.31 | -4.78e-04 | 2.399e+04 |
| 421 | 448 | 1.449e+05 | 1.698e+04 | 0.02 | -295.31 | 0.0 | -3274.01 | -192.87 | -566.15 | 1.025e+04 | 1.698e+04 | 1.449e+05 |
| | | 1.820e+04 | 0.01 | 4.04e-05 | 0.0 | 30.0 | -3274.01 | -488.18 | -566.15 | 1.025e+04 | 0.01 | 1.820e+04 |
| 421 | 451 | 1.543e+05 | 2.033e+04 | 0.01 | -295.31 | 0.0 | -3489.27 | -237.60 | -677.51 | 1.575e+04 | 2.033e+04 | 1.543e+05 |
| | | 2.678e+04 | 0.02 | -4.02e-04 | 0.0 | 30.0 | -3489.27 | -532.91 | -677.51 | 1.575e+04 | 0.02 | 2.678e+04 |
| 421 | 460 | 1.476e+05 | 1.174e+04 | 0.02 | -295.31 | 0.0 | -3338.60 | -190.19 | -391.36 | 5247.29 | 1.174e+04 | 1.476e+05 |
| | | 2.084e+04 | 0.01 | -4.53e-05 | 0.0 | 30.0 | -3338.60 | -485.50 | -391.36 | 5247.29 | 0.01 | 2.084e+04 |
| 421 | 461 | 1.490e+05 | 2.584e+04 | 0.02 | -295.31 | 0.0 | -3362.23 | -230.48 | -861.18 | 2.048e+04 | 2.584e+04 | 1.490e+05 |
| | | 2.163e+04 | 0.02 | -1.98e-04 | 0.0 | 30.0 | -3362.23 | -525.80 | -861.18 | 2.048e+04 | 0.02 | 2.163e+04 |
| 422 | 1 | 3.492e+05 | 4.331e+04 | -0.06 | -398.67 | 0.0 | -1394.11 | 1170.28 | 1443.76 | -4.308e+04 | 0.06 | 5.683e+04 |
| | | 5.683e+04 | 0.06 | 7.14e-04 | 0.0 | 30.0 | -1394.11 | 771.61 | 1443.76 | -4.308e+04 | 4.331e+04 | 3.492e+05 |
| 422 | 3 | 3.500e+05 | 4.280e+04 | -0.06 | -398.67 | 0.0 | -1386.40 | 1179.97 | 1426.69 | -4.199e+04 | 0.06 | 5.649e+04 |
| | | 5.649e+04 | 0.06 | 7.09e-04 | 0.0 | 30.0 | -1386.40 | 781.30 | 1426.69 | -4.199e+04 | 4.280e+04 | 3.500e+05 |
| 422 | 28 | 1.836e+05 | 2.381e+04 | -0.02 | -295.31 | 0.0 | -707.61 | 610.37 | 793.73 | -1.945e+04 | 0.03 | 2.858e+04 |
| | | 2.858e+04 | 0.03 | 2.65e-04 | 0.0 | 30.0 | -707.61 | 315.05 | 793.73 | -1.945e+04 | 2.381e+04 | 1.836e+05 |
| 422 | 228 | 2.357e+05 | 3.061e+04 | -0.01 | -295.31 | 0.0 | -908.99 | 800.84 | 1020.21 | -2.424e+04 | 0.02 | 3.667e+04 |
| | | 3.667e+04 | 0.02 | 1.97e-04 | 0.0 | 30.0 | -908.99 | 505.53 | 1020.21 | -2.424e+04 | 3.061e+04 | 2.357e+05 |
| 422 | 229 | 3.473e+05 | 4.515e+04 | -0.02 | -398.67 | 0.0 | -1362.57 | 1161.39 | 1505.14 | -3.845e+04 | 0.04 | 5.515e+04 |
| | | 5.515e+04 | 0.04 | 3.50e-04 | 0.0 | 30.0 | -1362.57 | 762.72 | 1505.14 | -3.845e+04 | 4.515e+04 | 3.473e+05 |
| 422 | 261 | 2.577e+05 | 3.160e+04 | -0.04 | -295.31 | 0.0 | -1023.39 | 866.97 | 1053.39 | -3.118e+04 | 0.05 | 4.171e+04 |
| | | 4.171e+04 | 0.05 | 5.25e-04 | 0.0 | 30.0 | -1023.39 | 571.66 | 1053.39 | -3.118e+04 | 3.160e+04 | 2.577e+05 |
| 422 | 274 | 1.770e+05 | 2.264e+04 | -0.02 | -295.31 | 0.0 | -674.05 | 598.15 | 754.53 | -1.769e+04 | 0.02 | 2.716e+04 |
| | | 2.716e+04 | 0.02 | 2.45e-04 | 0.0 | 30.0 | -674.05 | 302.83 | 754.53 | -1.769e+04 | 2.264e+04 | 1.770e+05 |
| 422 | 374 | 2.157e+05 | 2.768e+04 | -0.01 | -295.31 | 0.0 | -823.60 | 739.58 | 922.70 | -2.124e+04 | 0.02 | 3.316e+04 |
| | | 3.316e+04 | 0.02 | 1.94e-04 | 0.0 | 30.0 | -823.60 | 444.27 | 922.70 | -2.124e+04 | 2.768e+04 | 2.157e+05 |
| 422 | 375 | 2.561e+05 | 3.317e+04 | -0.02 | -295.31 | 0.0 | -1004.56 | 855.82 | 1105.77 | -2.820e+04 | 0.03 | 4.066e+04 |
| | | 4.066e+04 | 0.03 | 2.57e-04 | 0.0 | 30.0 | -1004.56 | 560.50 | 1105.77 | -2.820e+04 | 3.317e+04 | 2.561e+05 |
| 422 | 391 | 1.499e+05 | 1.869e+04 | -0.02 | -295.31 | 0.0 | -561.44 | 511.42 | 623.12 | -1.303e+04 | 0.02 | 2.253e+04 |
| | | 2.253e+04 | 0.02 | 1.81e-04 | 0.0 | 30.0 | -561.44 | 216.11 | 623.12 | -1.303e+04 | 1.869e+04 | 1.499e+05 |
| 422 | 394 | 2.104e+05 | 2.518e+04 | -0.04 | -295.31 | 0.0 | -817.45 | 717.85 | 839.47 | -2.250e+04 | 0.03 | 3.318e+04 |
| | | 3.318e+04 | 0.03 | 3.86e-04 | 0.0 | 30.0 | -817.45 | 422.54 | 839.47 | -2.250e+04 | 2.518e+04 | 2.104e+05 |

| | | | | | | | | | | | | |
|-----|-----|-----------|------------|-----------|---------|------|----------|---------|----------|------------|------------|-----------|
| 422 | 405 | 2.093e+05 | 2.621e+04 | -0.02 | -295.31 | 0.0 | -799.93 | 712.91 | 873.57 | -1.993e+04 | 0.02 | 3.224e+04 |
| | | 3.224e+04 | 0.02 | 1.83e-04 | 0.0 | 30.0 | -799.93 | 417.60 | 873.57 | -1.993e+04 | 2.621e+04 | 2.093e+05 |
| 422 | 407 | 1.499e+05 | 1.869e+04 | -0.02 | -295.31 | 0.0 | -561.44 | 511.42 | 623.12 | -1.303e+04 | 0.02 | 2.253e+04 |
| | | 2.253e+04 | 0.02 | 1.81e-04 | 0.0 | 30.0 | -561.44 | 216.11 | 623.12 | -1.303e+04 | 1.869e+04 | 1.499e+05 |
| 422 | 416 | 1.422e+05 | 1.650e+04 | -0.02 | -295.31 | 0.0 | -416.37 | 442.78 | 550.12 | -7752.45 | 0.02 | 1.645e+04 |
| | | 1.645e+04 | 0.02 | 8.28e-05 | 0.0 | 30.0 | -416.37 | 147.47 | 550.12 | -7752.45 | 1.650e+04 | 1.422e+05 |
| 422 | 419 | 1.575e+05 | 2.088e+04 | -8.51e-03 | -295.31 | 0.0 | -706.51 | 580.06 | 696.12 | -1.832e+04 | 0.02 | 2.861e+04 |
| | | 2.861e+04 | 0.02 | 2.80e-04 | 0.0 | 30.0 | -706.51 | 284.75 | 696.12 | -1.832e+04 | 2.088e+04 | 1.575e+05 |
| 422 | 425 | 1.499e+05 | 3.072e+04 | -0.02 | -295.31 | 0.0 | -559.78 | 523.61 | 1023.95 | -2.602e+04 | 4.26e-04 | 2.239e+04 |
| | | 2.239e+04 | 4.26e-04 | -7.30e-05 | 0.0 | 30.0 | -559.78 | 228.30 | 1023.95 | -2.602e+04 | 3.072e+04 | 1.499e+05 |
| 422 | 440 | 1.462e+05 | 1.787e+04 | -0.02 | -295.31 | 0.0 | -492.64 | 475.12 | 595.52 | -1.081e+04 | 0.01 | 1.965e+04 |
| | | 1.965e+04 | 0.01 | 7.00e-05 | 0.0 | 30.0 | -492.64 | 179.80 | 595.52 | -1.081e+04 | 1.787e+04 | 1.462e+05 |
| 422 | 448 | 1.461e+05 | 1.778e+04 | -0.02 | -295.31 | 0.0 | -491.66 | 475.72 | 592.57 | -1.070e+04 | 0.01 | 1.962e+04 |
| | | 1.962e+04 | 0.01 | 1.18e-04 | 0.0 | 30.0 | -491.66 | 180.41 | 592.57 | -1.070e+04 | 1.778e+04 | 1.461e+05 |
| 422 | 451 | 1.536e+05 | 1.961e+04 | -0.01 | -295.31 | 0.0 | -631.21 | 547.13 | 653.68 | -1.537e+04 | 0.02 | 2.545e+04 |
| | | 2.545e+04 | 0.02 | 2.44e-04 | 0.0 | 30.0 | -631.21 | 251.82 | 653.68 | -1.537e+04 | 1.961e+04 | 1.536e+05 |
| 422 | 457 | 1.495e+05 | 2.416e+04 | -0.02 | -295.31 | 0.0 | -551.51 | 520.81 | 805.42 | -1.849e+04 | 0.02 | 2.205e+04 |
| | | 2.205e+04 | 0.02 | 9.91e-05 | 0.0 | 30.0 | -551.51 | 225.50 | 805.42 | -1.849e+04 | 2.416e+04 | 1.495e+05 |
| 423 | 171 | 3.244e+05 | -0.07 | 0.02 | -398.67 | 0.0 | -7329.79 | -554.49 | 2173.47 | -4.846e+04 | -6.453e+04 | 3.244e+05 |
| | | 4.261e+04 | -6.453e+04 | 3.08e-04 | -45.09 | 30.0 | -7329.79 | -953.16 | 2128.38 | -4.846e+04 | -0.07 | 4.261e+04 |
| 423 | 230 | 1.877e+05 | 0.04 | 0.06 | -295.31 | 0.0 | -3980.41 | -451.46 | 1007.94 | -1.661e+04 | -3.024e+04 | 1.877e+05 |
| | | 1.333e+04 | -3.024e+04 | -5.72e-04 | 0.0 | 30.0 | -3980.41 | -746.77 | 1007.94 | -1.661e+04 | 0.04 | 1.333e+04 |
| 423 | 234 | 1.579e+05 | 0.03 | 0.05 | -295.31 | 0.0 | -3418.82 | -288.16 | 869.38 | -1.525e+04 | -2.608e+04 | 1.579e+05 |
| | | 1.317e+04 | -2.608e+04 | -4.06e-04 | 0.0 | 30.0 | -3418.82 | -583.47 | 869.38 | -1.525e+04 | 0.03 | 1.317e+04 |
| 423 | 346 | 2.398e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -5417.03 | -410.93 | 1603.89 | -3.593e+04 | -4.767e+04 | 2.398e+05 |
| | | 3.150e+04 | -4.767e+04 | 2.31e-04 | -30.06 | 30.0 | -5417.03 | -706.24 | 1573.83 | -3.593e+04 | -0.05 | 3.150e+04 |
| 423 | 375 | 1.805e+05 | 0.02 | 0.05 | -295.31 | 0.0 | -3918.34 | -348.69 | 1049.36 | -1.903e+04 | -3.148e+04 | 1.805e+05 |
| | | 1.635e+04 | -3.148e+04 | -3.58e-04 | 0.0 | 30.0 | -3918.34 | -644.00 | 1049.36 | -1.903e+04 | 0.02 | 1.635e+04 |
| 423 | 377 | 1.586e+05 | 8.90e-03 | 0.04 | -295.31 | 0.0 | -3504.77 | -228.17 | 948.07 | -1.806e+04 | -2.844e+04 | 1.586e+05 |
| | | 1.626e+04 | -2.844e+04 | -2.34e-04 | 0.0 | 30.0 | -3504.77 | -523.49 | 948.07 | -1.806e+04 | 8.90e-03 | 1.626e+04 |
| 423 | 393 | 1.446e+05 | -0.03 | 0.02 | -295.31 | 0.0 | -3351.86 | -69.46 | 976.50 | -2.185e+04 | -2.930e+04 | 1.446e+05 |
| | | 2.041e+04 | -2.930e+04 | 1.35e-04 | 0.0 | 30.0 | -3351.86 | -364.77 | 976.50 | -2.185e+04 | -0.03 | 2.041e+04 |
| 423 | 402 | 2.042e+05 | -0.05 | 0.02 | -295.31 | 0.0 | -4658.12 | -272.73 | 1381.01 | -3.237e+04 | -4.143e+04 | 2.042e+05 |
| | | 2.865e+04 | -4.143e+04 | 2.66e-04 | 0.0 | 30.0 | -4658.12 | -568.04 | 1381.01 | -3.237e+04 | -0.05 | 2.865e+04 |
| 423 | 405 | 1.615e+05 | -8.44e-04 | 0.04 | -295.31 | 0.0 | -3575.24 | -228.28 | 1005.09 | -2.035e+04 | -3.015e+04 | 1.615e+05 |
| | | 1.794e+04 | -3.015e+04 | -1.51e-04 | 0.0 | 30.0 | -3575.24 | -523.59 | 1005.09 | -2.035e+04 | -8.44e-04 | 1.794e+04 |
| 423 | 407 | 1.483e+05 | -0.04 | 0.02 | -295.31 | 0.0 | -3439.32 | -76.27 | 1026.24 | -2.366e+04 | -3.079e+04 | 1.483e+05 |
| | | 2.174e+04 | -3.079e+04 | 1.92e-04 | 0.0 | 30.0 | -3439.32 | -371.58 | 1026.24 | -2.366e+04 | -0.04 | 2.174e+04 |
| 423 | 425 | 1.308e+05 | 0.03 | 0.02 | -295.31 | 0.0 | -3049.23 | -205.10 | 212.72 | 2758.30 | -6381.48 | 1.308e+05 |
| | | 6305.73 | -6381.48 | -6.84e-04 | 0.0 | 30.0 | -3049.23 | -500.41 | 212.72 | 2758.30 | 0.03 | 6305.73 |
| 423 | 426 | 1.658e+05 | -0.10 | 0.02 | -295.31 | 0.0 | -3829.42 | 52.57 | 1839.77 | -5.008e+04 | -5.519e+04 | 1.658e+05 |
| | | 3.718e+04 | -5.519e+04 | 1.07e-03 | 0.0 | 30.0 | -3829.42 | -242.75 | 1839.77 | -5.008e+04 | -0.10 | 3.718e+04 |
| 423 | 430 | 1.657e+05 | -0.10 | 0.02 | -295.31 | 0.0 | -3827.65 | 52.02 | 1848.35 | -5.045e+04 | -5.545e+04 | 1.657e+05 |
| | | 3.711e+04 | -5.545e+04 | 9.61e-04 | 0.0 | 30.0 | -3827.65 | -243.29 | 1848.35 | -5.045e+04 | -0.10 | 3.711e+04 |
| 423 | 457 | 1.419e+05 | -0.02 | 0.02 | -295.31 | 0.0 | -3292.30 | -37.01 | 729.41 | -1.364e+04 | -2.188e+04 | 1.419e+05 |
| | | 1.595e+04 | -2.188e+04 | -1.31e-04 | 0.0 | 30.0 | -3292.30 | -332.32 | 729.41 | -1.364e+04 | -0.02 | 1.595e+04 |
| 423 | 458 | 1.547e+05 | -0.06 | 0.02 | -295.31 | 0.0 | -3586.34 | -115.53 | 1323.07 | -3.368e+04 | -3.969e+04 | 1.547e+05 |
| | | 2.753e+04 | -3.969e+04 | 5.14e-04 | 0.0 | 30.0 | -3586.34 | -410.84 | 1323.07 | -3.368e+04 | -0.06 | 2.753e+04 |
| 423 | 462 | 1.546e+05 | -0.06 | 0.02 | -295.31 | 0.0 | -3585.46 | -115.79 | 1327.37 | -3.387e+04 | -3.982e+04 | 1.546e+05 |
| | | 2.750e+04 | -3.982e+04 | 4.61e-04 | 0.0 | 30.0 | -3585.46 | -411.10 | 1327.37 | -3.387e+04 | -0.06 | 2.750e+04 |
| 424 | 163 | 3.121e+05 | -0.07 | -0.02 | -398.67 | 0.0 | -1040.33 | 829.62 | -2079.41 | 4.758e+04 | -0.07 | 4.322e+04 |
| | | 4.322e+04 | -6.306e+04 | -3.17e-04 | -45.09 | 30.0 | -1040.33 | 430.95 | -2124.50 | 4.758e+04 | -6.306e+04 | 3.121e+05 |
| 424 | 211 | 3.204e+05 | -0.07 | -0.02 | -398.67 | 0.0 | -994.01 | 944.01 | -2083.09 | 4.683e+04 | -0.07 | 4.087e+04 |
| | | 4.087e+04 | -6.317e+04 | -3.46e-04 | -45.09 | 30.0 | -994.01 | 545.34 | -2128.18 | 4.683e+04 | -6.317e+04 | 3.204e+05 |
| 424 | 231 | 3.207e+05 | -0.07 | -0.02 | -398.67 | 0.0 | -984.17 | 945.10 | -2082.52 | 4.672e+04 | -0.07 | 4.051e+04 |
| | | 4.051e+04 | -6.315e+04 | -3.91e-04 | -45.09 | 30.0 | -984.17 | 546.43 | -2127.61 | 4.672e+04 | -6.315e+04 | 3.207e+05 |
| 424 | 250 | 2.175e+05 | 0.03 | -0.06 | -295.31 | 0.0 | -444.96 | 843.45 | -1207.70 | 2.206e+04 | 0.03 | 1.770e+05 |
| | | 1.770e+04 | -3.623e+04 | 4.72e-04 | 0.0 | 30.0 | -444.96 | 548.14 | -1207.70 | 2.206e+04 | -3.623e+04 | 2.175e+05 |
| 424 | 254 | 1.820e+05 | 0.02 | -0.05 | -295.31 | 0.0 | -410.35 | 661.20 | -1031.42 | 1.969e+04 | 0.02 | 1.674e+04 |
| | | 1.674e+04 | -3.094e+04 | 3.11e-04 | 0.0 | 30.0 | -410.35 | 365.88 | -1031.42 | 1.969e+04 | -3.094e+04 | 1.820e+05 |
| 424 | 342 | 2.275e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -758.58 | 608.96 | -1515.69 | 3.478e+04 | -0.05 | 3.149e+04 |
| | | 3.149e+04 | -4.592e+04 | -2.32e-04 | -30.06 | 30.0 | -758.58 | 313.65 | -1545.75 | 3.478e+04 | -4.592e+04 | 2.275e+05 |
| 424 | 366 | 2.363e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -733.54 | 697.92 | -1537.07 | 3.463e+04 | -0.05 | 3.014e+04 |
| | | 3.014e+04 | -4.656e+04 | -2.57e-04 | -30.06 | 30.0 | -733.54 | 402.60 | -1567.13 | 3.463e+04 | -4.656e+04 | 2.363e+05 |
| 424 | 376 | 2.366e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -726.25 | 698.72 | -1536.65 | 3.456e+04 | -0.05 | 2.987e+04 |
| | | 2.987e+04 | -4.655e+04 | -2.90e-04 | -30.06 | 30.0 | -726.25 | 403.41 | -1566.71 | 3.456e+04 | -4.655e+04 | 2.366e+05 |
| 424 | 385 | 2.022e+05 | 0.01 | -0.05 | -295.31 | 0.0 | -479.32 | 714.28 | -1194.34 | 2.298e+04 | 0.01 | 1.951e+04 |
| | | 1.951e+04 | -3.583e+04 | 2.86e-04 | 0.0 | 30.0 | -479.32 | 418.97 | -1194.34 | 2.298e+04 | -3.583e+04 | 2.022e+05 |
| 424 | 387 | 1.760e+05 | -8.82e-05 | -0.04 | -295.31 | 0.0 | -454.55 | 579.83 | -1065.26 | 2.127e+04 | -8.82e-05 | 1.884e+04 |
| | | 1.884e+04 | -3.196e+04 | 1.66e-04 | 0.0 | 30.0 | -454.55 | 284.51 | -1065.26 | 2.127e+04 | -3.196e+04 | 1.760e+05 |
| 424 | 402 | 1.978e+05 | -0.04 | -0.02 | -295.31 | 0.0 | -666.06 | 549.84 | -1332.33 | 3.093e+04 | -0.04 | 2.715e+04 |
| | | 2.757e+04 | -3.997e+04 | -2.14e-04 | 0.0 | 30.0 | -666.06 | 254.52 | -1332.33 | 3.093e+04 | -3.997e+04 | 1.978e+05 |
| 424 | 404 | 1.986e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -654.52 | 552.05 | -1333.28 | 3.084e+04 | -0.05 | 2.715e+04 |
| | | 2.715e+04 | -4.000e+04 | -2.75e-04 | 0.0 | 30.0 | -654.52 | 256.74 | -1333.28 | 3.084e+04 | -4.000e+04 | 1.986e+05 |
| 424 | 405 | 1.988e+05 | -0.05 | -0.02 | -295.31 | 0.0 | -649.05 | 552.66 | -1332.97 | 3.078e+04 | -0.05 | 2.695e+04 |
| | | 2.695e+04 | -3.999e+04 | -3.00e-04 | 0.0 | 30.0 | -649.05 | 257.34 | -1332.97 | 3.078e+04 | -3.999e+04 | 1.988e+05 |
| 424 | 406 | 1.747e+05 | -6.49e-03 | -0.04 | -295.31 | 0.0 | -478.88 | 566.51 | -1093.03 | 2.273e+04 | -6.49e-03 | 1.982e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|----------|---------|----------|-----------|------------|------------|
| | | 1.982e+04 | -3.279e+04 | 1.11e-04 | 0.0 | 30.0 | -478.88 | 271.19 | -1093.03 | 2.273e+04 | -3.279e+04 | 1.747e+05 |
| 424 | 407 | 1.485e+05 | -0.04 | -0.02 | -295.31 | 0.0 | -517.42 | 372.36 | -1027.43 | 2.369e+04 | -0.04 | 2.176e+04 |
| | | 2.176e+04 | -3.082e+04 | -1.92e-04 | 0.0 | 30.0 | -517.42 | 77.05 | -1027.43 | 2.369e+04 | -3.082e+04 | 1.485e+05 |
| 424 | 426 | 1.604e+05 | -0.07 | -0.01 | -295.31 | 0.0 | -764.78 | 449.54 | -1536.85 | 4.200e+04 | -0.07 | 3.172e+04 |
| | | 3.172e+04 | -4.611e+04 | -3.44e-04 | 0.0 | 30.0 | -764.78 | 154.22 | -1536.85 | 4.200e+04 | -4.611e+04 | 1.604e+05 |
| 424 | 429 | 1.365e+05 | 4.67e-04 | -0.02 | -295.31 | 0.0 | -267.16 | 295.49 | -520.90 | 5501.45 | 4.67e-04 | 1.170e+04 |
| | | 1.170e+04 | -1.563e+04 | -1.46e-05 | 0.0 | 30.0 | -267.16 | 0.17 | -520.90 | 5501.45 | -1.563e+04 | 1.365e+05 |
| 424 | 430 | 1.605e+05 | -0.07 | -0.01 | -295.31 | 0.0 | -767.69 | 449.23 | -1533.96 | 4.188e+04 | -0.07 | 3.183e+04 |
| | | 3.183e+04 | -4.602e+04 | -3.69e-04 | 0.0 | 30.0 | -767.69 | 153.92 | -1533.96 | 4.188e+04 | -4.602e+04 | 1.605e+05 |
| 424 | 458 | 1.536e+05 | -0.05 | -0.01 | -295.31 | 0.0 | -624.95 | 410.73 | -1263.41 | 3.185e+04 | -0.05 | 2.606e+04 |
| | | 2.606e+04 | -3.790e+04 | -3.15e-04 | 0.0 | 30.0 | -624.95 | 115.42 | -1263.41 | 3.185e+04 | -3.790e+04 | 1.536e+05 |
| 424 | 461 | 1.434e+05 | -0.02 | -0.02 | -295.31 | 0.0 | -408.43 | 334.14 | -792.90 | 1.559e+04 | -0.02 | 1.741e+04 |
| | | 1.741e+04 | -2.379e+04 | -5.67e-05 | 0.0 | 30.0 | -408.43 | 38.83 | -792.90 | 1.559e+04 | -2.379e+04 | 1.434e+05 |
| 424 | 462 | 1.536e+05 | -0.05 | -0.01 | -295.31 | 0.0 | -626.41 | 410.58 | -1261.96 | 3.179e+04 | -0.05 | 2.612e+04 |
| | | 2.612e+04 | -3.786e+04 | -3.27e-04 | 0.0 | 30.0 | -626.41 | 115.27 | -1261.96 | 3.179e+04 | -3.786e+04 | 1.536e+05 |
| 425 | 51 | 6.451e+04 | 6731.65 | -0.03 | -324.00 | 0.0 | 6191.25 | 973.67 | -513.46 | 1037.19 | 6731.65 | 3.347e+04 |
| | | 3.347e+04 | -3.435e+04 | 3.89e-03 | 0.0 | 80.0 | 6191.25 | 649.67 | -513.46 | 1037.19 | -3.435e+04 | 6.451e+04 |
| 425 | 52 | 8.883e+04 | 6356.60 | -0.03 | -240.00 | 0.0 | 7285.80 | 1015.04 | -480.44 | 1224.58 | 6356.60 | 5.118e+04 |
| | | 5.118e+04 | -3.208e+04 | 3.66e-03 | 0.0 | 80.0 | 7285.80 | 775.04 | -480.44 | 1224.58 | -3.208e+04 | 8.883e+04 |
| 425 | 61 | 1.552e+04 | 2168.15 | -6.69e-03 | -324.00 | 0.0 | -533.41 | -34.87 | -133.49 | 433.01 | 2168.15 | -1.552e+04 |
| | | -3.348e+04 | -8511.00 | 1.21e-03 | 0.0 | 80.0 | -533.41 | -358.87 | -133.49 | 433.01 | -8511.00 | -3.348e+04 |
| 425 | 105 | 1.216e+04 | 1649.54 | -4.81e-03 | -324.00 | 0.0 | -1266.52 | 10.27 | -111.84 | 143.87 | 1649.54 | -1.216e+04 |
| | | -2.632e+04 | -7297.29 | 9.82e-04 | 0.0 | 80.0 | -1266.52 | -313.73 | -111.84 | 143.87 | -7297.29 | -2.632e+04 |
| 425 | 286 | 4.909e+04 | 4986.52 | -0.02 | -240.00 | 0.0 | 4665.78 | 719.19 | -380.91 | 766.58 | 4986.52 | 2.627e+04 |
| | | 2.627e+04 | -2.549e+04 | 2.88e-03 | 0.0 | 80.0 | 4665.78 | 479.19 | -380.91 | 766.58 | -2.549e+04 | 4.909e+04 |
| 425 | 291 | -1.041e+04 | 1587.36 | -4.92e-03 | -240.00 | 0.0 | -327.89 | -16.80 | -98.10 | 322.99 | 1587.36 | -1.041e+04 |
| | | -2.320e+04 | -6260.57 | 8.85e-04 | 0.0 | 80.0 | -327.89 | -256.80 | -98.10 | 322.99 | -6260.57 | -2.320e+04 |
| 425 | 313 | -7472.83 | 1222.22 | -3.51e-03 | -240.00 | 0.0 | -849.09 | 10.46 | -84.12 | 95.19 | 1222.22 | -7472.83 |
| | | -1.788e+04 | -5507.26 | 7.26e-04 | 0.0 | 80.0 | -849.09 | -229.54 | -84.12 | 95.19 | -5507.26 | -1.788e+04 |
| 425 | 391 | -1.515e+04 | 1061.35 | -2.19e-04 | -240.00 | 0.0 | -948.75 | -120.84 | -95.61 | -556.06 | 1061.35 | -1.515e+04 |
| | | -3.312e+04 | -6587.13 | 6.33e-04 | 0.0 | 80.0 | -948.75 | -360.84 | -95.61 | -556.06 | -6587.13 | -3.312e+04 |
| 425 | 392 | -1.570e+04 | 1060.13 | -2.28e-04 | -240.00 | 0.0 | -910.46 | -120.86 | -95.58 | -556.26 | 1060.13 | -1.570e+04 |
| | | -3.366e+04 | -6586.52 | 6.33e-04 | 0.0 | 80.0 | -910.46 | -360.86 | -95.58 | -556.26 | -6586.52 | -3.366e+04 |
| 425 | 396 | 1.679e+04 | 3870.01 | -0.01 | -240.00 | 0.0 | 2842.68 | 351.26 | -322.99 | -158.63 | 3870.01 | 1.200e+04 |
| | | 1.200e+04 | -2.197e+04 | 2.29e-03 | 0.0 | 80.0 | 2842.68 | 111.26 | -322.99 | -158.63 | -2.197e+04 | 1.597e+04 |
| 425 | 407 | -1.515e+04 | 1061.35 | -2.19e-04 | -240.00 | 0.0 | -948.75 | -120.84 | -95.61 | -556.06 | 1061.35 | -1.515e+04 |
| | | -3.312e+04 | -6587.13 | 6.33e-04 | 0.0 | 80.0 | -948.75 | -360.84 | -95.61 | -556.06 | -6587.13 | -3.312e+04 |
| 425 | 413 | -2865.47 | 2887.11 | -1.76e-04 | -240.00 | 0.0 | -1794.32 | -81.21 | -127.98 | -64.34 | 2887.11 | -2865.47 |
| | | -1.741e+04 | -3999.97 | 7.63e-04 | 0.0 | 80.0 | -1794.32 | -321.21 | -127.98 | -64.34 | -3999.97 | -1.741e+04 |
| 425 | 414 | -2.744e+04 | -764.41 | -2.63e-04 | -240.00 | 0.0 | -103.18 | -160.48 | -63.23 | -1047.78 | -764.41 | -2.744e+04 |
| | | -4.883e+04 | -9174.29 | 6.67e-04 | 0.0 | 80.0 | -103.18 | -400.48 | -63.23 | -1047.78 | -9174.29 | -4.883e+04 |
| 425 | 421 | -2839.67 | 2886.79 | -8.74e-05 | -240.00 | 0.0 | -1792.59 | -168.37 | -128.72 | -98.54 | 2886.79 | -2839.67 |
| | | -1.755e+04 | -7502.56 | 8.94e-04 | 0.0 | 80.0 | -1792.59 | -408.37 | -128.72 | -98.54 | -7502.56 | -1.755e+04 |
| 425 | 436 | -1.971e+04 | 1281.98 | 1.23e-04 | -240.00 | 0.0 | -712.95 | -117.82 | -144.81 | -814.83 | 1281.98 | -1.971e+04 |
| | | -3.704e+04 | -1.000e+04 | -5.14e-04 | 0.0 | 80.0 | -712.95 | -357.82 | -144.81 | -814.83 | -1.000e+04 | -3.704e+04 |
| 425 | 441 | -8508.93 | 2013.58 | -2.24e-04 | -240.00 | 0.0 | -1394.41 | -99.44 | -113.45 | -314.10 | 2013.58 | -8508.93 |
| | | -2.472e+04 | -5369.52 | 7.17e-04 | 0.0 | 80.0 | -1394.41 | -339.44 | -113.45 | -314.10 | -5369.52 | -2.472e+04 |
| 425 | 442 | -2.180e+04 | 109.13 | -2.15e-04 | -240.00 | 0.0 | -503.09 | -142.25 | -77.76 | -798.01 | 109.13 | -2.180e+04 |
| | | -4.152e+04 | -7804.74 | 6.00e-04 | 0.0 | 80.0 | -503.09 | -382.25 | -77.76 | -798.01 | -7804.74 | -4.152e+04 |
| 425 | 449 | -8495.92 | 2013.44 | -1.79e-04 | -240.00 | 0.0 | -1393.52 | -143.80 | -113.81 | -331.25 | 2013.44 | -8495.92 |
| | | -2.479e+04 | -7141.68 | 8.09e-04 | 0.0 | 80.0 | -1393.52 | -383.80 | -113.81 | -331.25 | -7141.68 | -2.479e+04 |
| 425 | 468 | -1.736e+04 | 1176.49 | -7.79e-05 | -240.00 | 0.0 | -832.97 | -119.45 | -120.13 | -683.91 | 1176.49 | -1.736e+04 |
| | | -3.500e+04 | -8285.35 | 4.18e-04 | 0.0 | 80.0 | -832.97 | -359.45 | -120.13 | -683.91 | -8285.35 | -3.500e+04 |
| 426 | 21 | -1.385e+04 | 9054.42 | -6.34e-03 | -324.00 | 0.0 | -551.38 | -35.84 | 139.64 | -307.88 | 9054.42 | -1.385e+04 |
| | | -3.191e+04 | -2116.58 | -1.20e-03 | 0.0 | 80.0 | -551.38 | -359.84 | 139.64 | -307.88 | -2116.58 | -3.191e+04 |
| 426 | 51 | 6.495e+04 | 3.669e+04 | -0.03 | -324.00 | 0.0 | 6144.13 | 1007.95 | 542.76 | -835.45 | 3.669e+04 | 6.495e+04 |
| | | 3.237e+04 | -6732.60 | -4.21e-03 | 0.0 | 80.0 | 6144.13 | 683.95 | 542.76 | -835.45 | -6732.60 | 3.237e+04 |
| 426 | 52 | 8.935e+04 | 3.439e+04 | -0.03 | -240.00 | 0.0 | 7242.98 | 1048.80 | 509.40 | -1025.00 | 3.439e+04 | 8.935e+04 |
| | | 5.017e+04 | -6358.36 | -3.98e-03 | 0.0 | 80.0 | 7242.98 | 808.80 | 509.40 | -1025.00 | -6358.36 | 5.017e+04 |
| 426 | 105 | -1.224e+04 | 6056.77 | -4.61e-03 | -324.00 | 0.0 | -1282.16 | -8.83 | 96.27 | -240.35 | 6056.77 | -1.224e+04 |
| | | -2.731e+04 | -1644.63 | -7.43e-04 | 0.0 | 80.0 | -1282.16 | -332.83 | 96.27 | -240.35 | -1644.63 | -2.731e+04 |
| 426 | 271 | -9157.67 | 6644.35 | -4.66e-03 | -240.00 | 0.0 | -340.88 | -17.88 | 102.42 | -230.50 | 6644.35 | -9157.67 |
| | | -2.204e+04 | -1549.09 | -8.80e-04 | 0.0 | 80.0 | -340.88 | -257.88 | 102.42 | -230.50 | -1549.09 | -2.204e+04 |
| 426 | 286 | 4.942e+04 | 2.721e+04 | -0.02 | -240.00 | 0.0 | 4631.18 | 744.36 | 402.46 | -617.29 | 2.721e+04 | 4.942e+04 |
| | | 2.545e+04 | -4987.17 | -3.12e-03 | 0.0 | 80.0 | 4631.18 | 504.36 | 402.46 | -617.29 | -4987.17 | 2.545e+04 |
| 426 | 313 | -7527.17 | 4565.50 | -3.36e-03 | -240.00 | 0.0 | -860.41 | -4.09 | 72.30 | -167.22 | 4565.50 | -7527.17 |
| | | -1.863e+04 | -1218.53 | -5.53e-04 | 0.0 | 80.0 | -860.41 | -244.09 | 72.30 | -167.22 | -1218.53 | -1.863e+04 |
| 426 | 391 | -1.535e+04 | 6656.21 | -2.38e-04 | -240.00 | 0.0 | -956.07 | -119.52 | 96.44 | 561.14 | 6656.21 | -1.535e+04 |
| | | -3.326e+04 | -1058.70 | -6.45e-04 | 0.0 | 80.0 | -956.07 | -359.52 | 96.44 | 561.14 | -1058.70 | -3.326e+04 |
| 426 | 392 | -1.591e+04 | 6655.74 | -2.47e-04 | -240.00 | 0.0 | -919.52 | -119.55 | 96.42 | 561.24 | 6655.74 | -1.591e+04 |
| | | -3.381e+04 | -1057.79 | -6.45e-04 | 0.0 | 80.0 | -919.52 | -359.55 | 96.42 | 561.24 | -1057.79 | -3.381e+04 |
| 426 | 396 | 1.676e+04 | 2.321e+04 | -0.01 | -240.00 | 0.0 | 2815.85 | 369.32 | 338.47 | 264.95 | 2.321e+04 | 1.676e+04 |
| | | 1.137e+04 | -3870.06 | -2.48e-03 | 0.0 | 80.0 | 2815.85 | 129.32 | 338.47 | 264.95 | -3870.06 | 1.137e+04 |
| 426 | 407 | -1.535e+04 | 6656.21 | -2.38e-04 | -240.00 | 0.0 | -956.07 | -119.52 | 96.44 | 561.14 | 6656.21 | -1.535e+04 |
| | | -3.326e+04 | -1058.70 | -6.45e-04 | 0.0 | 80.0 | -956.07 | -359.52 | 96.44 | 561.14 | -1058.70 | -3.326e+04 |
| 426 | 412 | -7094.45 | 8966.38 | -1.49e-04 | -240.00 | 0.0 | -1735.23 | -80.29 | 145.81 | 1011.65 | 8966.38 | -7094.45 |
| | | -2.139e+04 | 602.89 | -1.04e-03 | 0.0 | 80.0 | -1735.23 | -320.29 | 145.81 | 1011.65 | 602.89 | -2.139e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|----------|---------|---------|----------|------------|------------|
| 426 | 414 | -2.778e+04 | 5521.99 | -3.72e-04 | -240.00 | 0.0 | -418.95 | -175.79 | 61.76 | 281.21 | -2679.78 | -2.778e+04 |
| | | -4.867e+04 | -2679.78 | -7.60e-04 | 0.0 | 80.0 | -418.95 | -415.79 | 61.76 | 281.21 | 5521.99 | -4.867e+04 |
| 426 | 415 | -2.360e+04 | 4346.04 | -3.28e-04 | -240.00 | 0.0 | -176.91 | -158.74 | 47.06 | 110.63 | -2720.28 | -2.360e+04 |
| | | -4.512e+04 | -2720.28 | -2.54e-04 | 0.0 | 80.0 | -176.91 | -398.74 | 47.06 | 110.63 | 4346.04 | -4.512e+04 |
| 426 | 421 | -2909.76 | 4466.54 | -1.36e-05 | -240.00 | 0.0 | -1488.78 | -65.26 | 48.56 | 818.18 | 563.13 | -2909.76 |
| | | -1.795e+04 | 563.13 | -3.76e-04 | 0.0 | 80.0 | -1488.78 | -305.26 | 48.56 | 818.18 | 4466.54 | -1.795e+04 |
| 426 | 423 | -2.360e+04 | 7669.92 | -4.19e-04 | -240.00 | 0.0 | -181.32 | -156.73 | 129.61 | 133.53 | -2721.01 | -2.360e+04 |
| | | -4.502e+04 | -2721.01 | -4.75e-04 | 0.0 | 80.0 | -181.32 | -396.73 | 129.61 | 133.53 | 7669.92 | -4.502e+04 |
| 426 | 432 | -1.922e+04 | 9132.79 | -2.79e-04 | -240.00 | 0.0 | -1556.91 | -133.60 | 133.55 | 955.00 | -498.81 | -1.922e+04 |
| | | -3.508e+04 | -498.81 | -1.50e-03 | 0.0 | 80.0 | -1556.91 | -373.60 | 133.55 | 955.00 | 9132.79 | -3.508e+04 |
| 426 | 441 | -8707.08 | 7318.17 | -1.18e-04 | -240.00 | 0.0 | -1361.43 | -89.54 | 115.12 | 714.71 | -240.74 | -8707.08 |
| | | -2.521e+04 | -240.74 | -5.81e-04 | 0.0 | 80.0 | -1361.43 | -329.54 | 115.12 | 714.71 | 7318.17 | -2.521e+04 |
| 426 | 442 | -2.199e+04 | 5994.24 | -3.58e-04 | -240.00 | 0.0 | -550.71 | -149.49 | 77.75 | 407.57 | -1876.65 | -2.199e+04 |
| | | -4.130e+04 | -1876.65 | -7.45e-04 | 0.0 | 80.0 | -550.71 | -389.49 | 77.75 | 407.57 | 5994.24 | -4.130e+04 |
| 426 | 449 | -8705.66 | 5632.13 | -7.21e-05 | -240.00 | 0.0 | -1359.22 | -90.55 | 73.24 | 703.08 | -240.38 | -8705.66 |
| | | -2.527e+04 | -240.38 | -4.62e-04 | 0.0 | 80.0 | -1359.22 | -330.55 | 73.24 | 703.08 | 5632.13 | -2.527e+04 |
| 426 | 451 | -1.929e+04 | 7258.70 | -2.79e-04 | -240.00 | 0.0 | -705.54 | -136.97 | 114.38 | 356.31 | -1906.49 | -1.929e+04 |
| | | -3.911e+04 | -1906.49 | -5.18e-04 | 0.0 | 80.0 | -705.54 | -376.97 | 114.38 | 356.31 | 7258.70 | -3.911e+04 |
| 426 | 464 | -1.721e+04 | 7890.36 | -2.56e-04 | -240.00 | 0.0 | -1254.61 | -126.36 | 114.98 | 758.31 | -775.74 | -1.721e+04 |
| | | -3.410e+04 | -775.74 | -1.06e-03 | 0.0 | 80.0 | -1254.61 | -366.36 | 114.98 | 758.31 | 7890.36 | -3.410e+04 |
| 427 | 45 | -1.201e+04 | 1646.07 | -3.63e-03 | -324.00 | 0.0 | -1339.69 | -172.51 | -83.85 | 1663.10 | 1646.07 | -1.201e+04 |
| | | -3.659e+04 | -5062.26 | 9.65e-04 | 0.0 | 80.0 | -1339.69 | -496.51 | -83.85 | 1663.10 | -5062.26 | -3.659e+04 |
| 427 | 90 | 2.417e+04 | 7032.33 | -0.01 | -240.00 | 0.0 | 2330.53 | 347.90 | 75.43 | 4457.62 | 997.75 | 1.798e+04 |
| | | 1.798e+04 | 997.75 | 9.78e-04 | 0.0 | 80.0 | 2330.53 | 107.90 | 75.43 | 4457.62 | 7032.33 | 1.798e+04 |
| 427 | 111 | 4.205e+04 | 6642.11 | -0.03 | -324.00 | 0.0 | 6194.90 | 630.00 | -459.81 | 4734.57 | 6642.11 | 3.170e+04 |
| | | 3.170e+04 | -3.014e+04 | 4.17e-03 | 0.0 | 80.0 | 6194.90 | 306.00 | -459.81 | 4734.57 | -3.014e+04 | 4.191e+04 |
| 427 | 112 | 6.918e+04 | 6271.37 | -0.03 | -240.00 | 0.0 | 7328.27 | 714.74 | -429.51 | 4610.67 | 6271.37 | 4.986e+04 |
| | | 4.986e+04 | -2.809e+04 | 3.91e-03 | 0.0 | 80.0 | 7328.27 | 474.74 | -429.51 | 4610.67 | -2.809e+04 | 6.918e+04 |
| 427 | 121 | -1.593e+04 | 2144.26 | -5.56e-03 | -324.00 | 0.0 | -658.50 | -240.91 | -116.35 | 2180.72 | 2144.26 | -1.593e+04 |
| | | -4.600e+04 | -7163.82 | 1.40e-03 | 0.0 | 80.0 | -658.50 | -564.91 | -116.35 | 2180.72 | -7163.82 | -4.600e+04 |
| 427 | 283 | -7385.65 | 1219.70 | -2.63e-03 | -240.00 | 0.0 | -900.89 | -125.34 | -63.27 | 1218.39 | 1219.70 | -7385.65 |
| | | -2.553e+04 | -3841.62 | 7.11e-04 | 0.0 | 80.0 | -900.89 | -365.34 | -63.27 | 1218.39 | -3841.62 | -2.553e+04 |
| 427 | 316 | 3.246e+04 | 4920.23 | -0.02 | -240.00 | 0.0 | 4671.19 | 464.76 | -341.12 | 3503.38 | 4920.23 | 2.493e+04 |
| | | 2.493e+04 | -2.237e+04 | 3.09e-03 | 0.0 | 80.0 | 4671.19 | 224.76 | -341.12 | 3503.38 | -2.237e+04 | 3.234e+04 |
| 427 | 321 | -1.073e+04 | 1569.88 | -4.10e-03 | -240.00 | 0.0 | -416.67 | -167.49 | -85.46 | 1599.91 | 1569.88 | -1.073e+04 |
| | | -3.237e+04 | -5266.57 | 1.02e-03 | 0.0 | 80.0 | -416.67 | -407.49 | -85.46 | 1599.91 | -5266.57 | -3.237e+04 |
| 427 | 391 | -1.587e+04 | 1050.39 | 6.70e-04 | -240.00 | 0.0 | -1026.57 | -237.94 | -88.23 | 278.77 | 1050.39 | -1.587e+04 |
| | | -4.058e+04 | -6008.33 | 7.11e-04 | 0.0 | 80.0 | -1026.57 | -477.94 | -88.23 | 278.77 | -6008.33 | -4.058e+04 |
| 427 | 392 | -1.610e+04 | 1049.01 | 6.68e-04 | -240.00 | 0.0 | -1008.77 | -238.21 | -88.03 | 278.24 | 1049.01 | -1.610e+04 |
| | | -4.082e+04 | -5993.74 | 7.09e-04 | 0.0 | 80.0 | -1008.77 | -478.21 | -88.03 | 278.24 | -5993.74 | -4.082e+04 |
| 427 | 399 | 1.037e+04 | 3819.06 | -0.01 | -240.00 | 0.0 | 2827.40 | 139.71 | -293.75 | 1931.46 | 3819.06 | 1.035e+04 |
| | | 1640.04 | -1.968e+04 | 2.44e-03 | 0.0 | 80.0 | 2827.40 | -100.29 | -293.75 | 1931.46 | -1.968e+04 | 1640.04 |
| 427 | 407 | -1.587e+04 | 1050.39 | 6.70e-04 | -240.00 | 0.0 | -1026.57 | -237.94 | -88.23 | 278.77 | 1050.39 | -1.587e+04 |
| | | -4.058e+04 | -6008.33 | 7.11e-04 | 0.0 | 80.0 | -1026.57 | -477.94 | -88.23 | 278.77 | -6008.33 | -4.058e+04 |
| 427 | 414 | -2.209e+04 | 153.36 | 8.28e-04 | -240.00 | 0.0 | -645.20 | -279.76 | -78.21 | 94.89 | 153.36 | -2.209e+04 |
| | | -4.919e+04 | -7679.98 | 8.06e-04 | 0.0 | 80.0 | -645.20 | -519.76 | -78.21 | 94.89 | -7679.98 | -4.919e+04 |
| 427 | 420 | -1.329e+04 | 2063.61 | 5.94e-04 | -240.00 | 0.0 | -1617.55 | -216.44 | -125.32 | 262.24 | 2063.61 | -1.329e+04 |
| | | -3.593e+04 | -8034.95 | 8.58e-04 | 0.0 | 80.0 | -1617.55 | -456.44 | -125.32 | 262.24 | -8034.95 | -3.593e+04 |
| 427 | 423 | -1.844e+04 | 37.16 | 7.46e-04 | -240.00 | 0.0 | -435.59 | -259.43 | -51.15 | 295.30 | 37.16 | -1.844e+04 |
| | | -4.522e+04 | -3981.70 | 5.64e-04 | 0.0 | 80.0 | -435.59 | -499.43 | -51.15 | 295.30 | -3981.70 | -4.522e+04 |
| 427 | 436 | -2.069e+04 | 1527.30 | 7.53e-04 | -240.00 | 0.0 | -1517.81 | -264.03 | -133.70 | 0.14 | 1527.30 | -2.069e+04 |
| | | -4.519e+04 | -9385.56 | 8.24e-04 | 0.0 | 80.0 | -1517.81 | -504.03 | -133.70 | 0.14 | -9385.56 | -4.519e+04 |
| 427 | 437 | -8397.38 | 1147.19 | 5.20e-04 | -240.00 | 0.0 | -827.81 | -192.51 | -58.22 | 601.61 | 1147.19 | -8397.38 |
| | | -3.198e+04 | -3299.30 | 7.39e-04 | 0.0 | 80.0 | -827.81 | -432.51 | -58.22 | 601.61 | -3299.30 | -3.198e+04 |
| 427 | 446 | -1.903e+04 | 597.78 | 7.52e-04 | -240.00 | 0.0 | -835.51 | -259.14 | -83.09 | 186.69 | 597.78 | -1.903e+04 |
| | | -4.496e+04 | -6845.09 | 7.56e-04 | 0.0 | 80.0 | -835.51 | -499.14 | -83.09 | 186.69 | -6845.09 | -4.496e+04 |
| 427 | 448 | -1.471e+04 | 1573.84 | 6.07e-04 | -240.00 | 0.0 | -1331.86 | -226.74 | -105.47 | 268.94 | 1573.84 | -1.471e+04 |
| | | -3.806e+04 | -6881.09 | 7.73e-04 | 0.0 | 80.0 | -1331.86 | -466.74 | -105.47 | 268.94 | -6881.09 | -3.806e+04 |
| 427 | 451 | -1.703e+04 | 526.94 | 7.32e-04 | -240.00 | 0.0 | -721.28 | -249.14 | -71.00 | 288.60 | 526.94 | -1.703e+04 |
| | | -4.310e+04 | -5135.56 | 6.50e-04 | 0.0 | 80.0 | -721.28 | -489.14 | -71.00 | 288.60 | -5135.56 | -4.310e+04 |
| 427 | 461 | -1.151e+04 | 1055.78 | 6.72e-04 | -240.00 | 0.0 | -894.08 | -215.65 | -77.84 | 446.27 | 1055.78 | -1.151e+04 |
| | | -3.664e+04 | -5129.70 | 7.42e-04 | 0.0 | 80.0 | -894.08 | -455.65 | -77.84 | 446.27 | -5129.70 | -3.664e+04 |
| 427 | 468 | -1.823e+04 | 1288.34 | 7.15e-04 | -240.00 | 0.0 | -1270.54 | -250.80 | -110.85 | 139.79 | 1288.34 | -1.823e+04 |
| | | -4.284e+04 | -7686.91 | 7.64e-04 | 0.0 | 80.0 | -1270.54 | -490.80 | -110.85 | 139.79 | -7686.91 | -4.284e+04 |
| 428 | 45 | -1.467e+04 | 7761.45 | -4.99e-03 | -324.00 | 0.0 | -1298.40 | 77.97 | 117.75 | -133.42 | 7761.45 | -1.477e+04 |
| | | -2.529e+04 | -1658.71 | -9.72e-04 | 0.0 | 80.0 | -1298.40 | -246.03 | 117.75 | -133.42 | -1658.71 | -2.529e+04 |
| 428 | 81 | -1.856e+04 | 9392.12 | -6.88e-03 | -324.00 | 0.0 | -578.94 | 60.54 | 144.63 | -390.44 | 9392.12 | -1.856e+04 |
| | | -3.132e+04 | -2178.50 | -1.26e-03 | 0.0 | 80.0 | -578.94 | -263.46 | 144.63 | -390.44 | -2178.50 | -3.132e+04 |
| 428 | 111 | 6.802e+04 | 3.538e+04 | -0.03 | -324.00 | 0.0 | 6282.76 | 1200.60 | 526.78 | -1333.16 | 3.538e+04 | 6.802e+04 |
| | | 2.522e+04 | -6761.48 | -4.14e-03 | 0.0 | 80.0 | 6282.76 | 876.60 | 526.78 | -1333.16 | -6761.48 | 2.522e+04 |
| 428 | 112 | 9.262e+04 | 3.294e+04 | -0.03 | -240.00 | 0.0 | 7397.37 | 1229.62 | 491.61 | -1547.80 | 3.294e+04 | 9.262e+04 |
| | | 4.390e+04 | -6385.00 | -3.90e-03 | 0.0 | 80.0 | 7397.37 | 989.62 | 491.61 | -1547.80 | -6385.00 | 4.390e+04 |
| 428 | 283 | -9342.25 | 5843.18 | -3.64e-03 | -240.00 | 0.0 | -869.88 | 59.93 | 88.40 | -86.58 | 5843.18 | -1.717e+04 |
| | | -1.717e+04 | -1228.85 | -7.21e-04 | 0.0 | 80.0 | -869.88 | -180.07 | 88.40 | -86.58 | -1228.85 | -9424.08 |
| 428 | 301 | -1.265e+04 | 6899.71 | -5.07e-03 | -240.00 | 0.0 | -358.45 | 52.75 | 106.18 | -291.99 | 6899.71 | -1.265e+04 |
| | | -2.164e+04 | -1594.83 | -9.24e-04 | 0.0 | 80.0 | -358.45 | -187.25 | 106.18 | -291.99 | -1594.83 | -2.164e+04 |
| 428 | 316 | 5.167e+04 | 2.625e+04 | -0.02 | -240.00 | 0.0 | 4736.91 | 887.17 | 390.71 | -985.38 | 2.625e+04 | 5.167e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|----------|---------|---------|----------|------------|------------|
| | | 2.014e+04 | -5008.45 | -3.07e-03 | 0.0 | 80.0 | 4736.91 | 647.17 | 390.71 | -985.38 | 2.625e+04 | 5.167e+04 |
| 428 | 391 | -1.713e+04 | 6998.64 | 5.44e-05 | -240.00 | 0.0 | -966.20 | -87.61 | 100.80 | 626.66 | -1064.99 | -1.713e+04 |
| | | -3.323e+04 | -1064.99 | -6.64e-04 | 0.0 | 80.0 | -966.20 | -327.61 | 100.80 | 626.66 | 6998.64 | -3.323e+04 |
| 428 | 392 | -1.739e+04 | 7001.87 | 5.41e-05 | -240.00 | 0.0 | -952.04 | -87.56 | 100.83 | 626.98 | -1064.71 | -1.739e+04 |
| | | -3.348e+04 | -1064.71 | -6.64e-04 | 0.0 | 80.0 | -952.04 | -327.56 | 100.83 | 626.98 | 7001.87 | -3.348e+04 |
| 428 | 399 | 1.718e+04 | 2.265e+04 | -0.01 | -240.00 | 0.0 | 2896.65 | 474.31 | 331.66 | 52.93 | -3886.03 | 6784.35 |
| | | 6784.35 | -3886.03 | -2.44e-03 | 0.0 | 80.0 | 2896.65 | 234.31 | 331.66 | 52.93 | 2.265e+04 | 1.718e+04 |
| 428 | 407 | -1.713e+04 | 6998.64 | 5.44e-05 | -240.00 | 0.0 | -966.20 | -87.61 | 100.80 | 626.66 | -1064.99 | -1.713e+04 |
| | | -3.323e+04 | -1064.99 | -6.64e-04 | 0.0 | 80.0 | -966.20 | -327.61 | 100.80 | 626.66 | 6998.64 | -3.323e+04 |
| 428 | 423 | -1.962e+04 | 6688.07 | -1.90e-04 | -240.00 | 0.0 | -560.36 | -102.71 | 106.54 | 317.60 | -1914.39 | -1.962e+04 |
| | | -3.689e+04 | -1914.39 | -7.65e-04 | 0.0 | 80.0 | -560.36 | -342.71 | 106.54 | 317.60 | 6688.07 | -3.689e+04 |
| 428 | 432 | -2.277e+04 | 1.074e+04 | 4.42e-04 | -240.00 | 0.0 | -1436.68 | -114.30 | 150.40 | 1047.20 | -629.28 | -2.277e+04 |
| | | -3.892e+04 | -629.28 | -6.51e-04 | 0.0 | 80.0 | -1436.68 | -354.30 | 150.40 | 1047.20 | 1.074e+04 | -3.892e+04 |
| 428 | 434 | -2.552e+04 | 1.016e+04 | 4.59e-04 | -240.00 | 0.0 | -1256.94 | -100.62 | 137.20 | 927.87 | -1102.51 | -2.552e+04 |
| | | -4.249e+04 | -1102.51 | -5.63e-04 | 0.0 | 80.0 | -1256.94 | -340.62 | 137.20 | 927.87 | 1.016e+04 | -4.249e+04 |
| 428 | 435 | -1.148e+04 | 3253.73 | -5.33e-04 | -240.00 | 0.0 | -495.72 | -60.92 | 51.19 | 206.12 | -1500.70 | -1.148e+04 |
| | | -2.754e+04 | -1500.70 | -8.45e-04 | 0.0 | 80.0 | -495.72 | -300.92 | 51.19 | 206.12 | 3253.73 | -2.754e+04 |
| 428 | 437 | -8727.72 | 3329.04 | -5.43e-04 | -240.00 | 0.0 | -673.09 | -61.45 | 52.19 | 326.03 | -1027.18 | -8727.72 |
| | | -2.398e+04 | -1027.18 | -8.47e-04 | 0.0 | 80.0 | -673.09 | -301.45 | 52.19 | 326.03 | 3329.04 | -2.398e+04 |
| 428 | 451 | -1.819e+04 | 7031.49 | 5.73e-05 | -240.00 | 0.0 | -889.70 | -94.49 | 105.79 | 478.96 | -1506.90 | -1.819e+04 |
| | | -3.508e+04 | -1506.90 | -7.19e-04 | 0.0 | 80.0 | -889.70 | -334.49 | 105.79 | 478.96 | 7031.49 | -3.508e+04 |
| 428 | 457 | -1.211e+04 | 6023.15 | -8.21e-05 | -240.00 | 0.0 | -1242.30 | -78.46 | 89.19 | 502.99 | -1085.76 | -1.211e+04 |
| | | -2.840e+04 | -1085.76 | -7.64e-04 | 0.0 | 80.0 | -1242.30 | -318.46 | 89.19 | 502.99 | 6023.15 | -2.840e+04 |
| 428 | 458 | -2.214e+04 | 7974.12 | 9.26e-05 | -240.00 | 0.0 | -690.11 | -96.76 | 112.40 | 750.34 | -1044.22 | -2.214e+04 |
| | | -3.805e+04 | -1044.22 | -5.82e-04 | 0.0 | 80.0 | -690.11 | -336.76 | 112.40 | 750.34 | 7974.12 | -3.805e+04 |
| 428 | 461 | -1.211e+04 | 5764.44 | -7.88e-05 | -240.00 | 0.0 | -1241.11 | -71.81 | 83.01 | 503.26 | -1085.61 | -1.211e+04 |
| | | -2.841e+04 | -1085.61 | -7.35e-04 | 0.0 | 80.0 | -1241.11 | -311.81 | 83.01 | 503.26 | 5764.44 | -2.841e+04 |
| 428 | 464 | -1.990e+04 | 8860.19 | 2.24e-04 | -240.00 | 0.0 | -1199.69 | -101.02 | 125.48 | 836.76 | -846.91 | -1.990e+04 |
| | | -3.602e+04 | -846.91 | -6.51e-04 | 0.0 | 80.0 | -1199.69 | -341.02 | 125.48 | 836.76 | 8860.19 | -3.602e+04 |
| 429 | 105 | -1.432e+04 | 1653.07 | -4.89e-03 | -324.00 | 0.0 | -1256.11 | -0.21 | -94.48 | 326.67 | 1653.07 | -1.432e+04 |
| | | -2.900e+04 | -5905.54 | 7.40e-04 | 0.0 | 80.0 | -1256.11 | -324.21 | -94.48 | 326.67 | -5905.54 | -2.900e+04 |
| 429 | 171 | 6.150e+04 | 6758.24 | -0.03 | -324.00 | 0.0 | 6247.99 | 1073.63 | -508.93 | 1642.62 | 6758.24 | 2.604e+04 |
| | | 2.604e+04 | -3.396e+04 | 4.03e-03 | 0.0 | 80.0 | 6247.99 | 749.63 | -508.93 | 1642.62 | -3.396e+04 | 6.150e+04 |
| 429 | 172 | 8.672e+04 | 6381.81 | -0.03 | -240.00 | 0.0 | 7369.83 | 1115.26 | -475.30 | 1830.42 | 6381.81 | 4.463e+04 |
| | | 4.463e+04 | -3.164e+04 | 3.80e-03 | 0.0 | 80.0 | 7369.83 | 875.26 | -475.30 | 1830.42 | -3.164e+04 | 8.672e+04 |
| 429 | 181 | -1.772e+04 | 2177.88 | -7.27e-03 | -324.00 | 0.0 | -625.01 | -17.03 | -135.35 | 552.15 | 2177.88 | -1.772e+04 |
| | | -3.495e+04 | -8650.31 | 1.21e-03 | 0.0 | 80.0 | -625.01 | -341.03 | -135.35 | 552.15 | -8650.31 | -3.495e+04 |
| 429 | 313 | -9125.90 | 1224.64 | -3.57e-03 | -240.00 | 0.0 | -837.11 | 2.10 | -71.08 | 230.50 | 1224.64 | -9125.90 |
| | | -1.995e+04 | -4461.88 | 5.48e-04 | 0.0 | 80.0 | -837.11 | -237.90 | -71.08 | 230.50 | -4461.88 | -1.995e+04 |
| 429 | 346 | 4.681e+04 | 5006.05 | -0.02 | -240.00 | 0.0 | 4712.62 | 793.23 | -377.47 | 1214.87 | 5006.05 | 2.071e+04 |
| | | 2.071e+04 | -2.519e+04 | 2.99e-03 | 0.0 | 80.0 | 4712.62 | 553.23 | -377.47 | 1214.87 | -2.519e+04 | 4.681e+04 |
| 429 | 351 | -1.206e+04 | 1594.35 | -5.35e-03 | -240.00 | 0.0 | -390.81 | -3.96 | -99.33 | 411.09 | 1594.35 | -1.206e+04 |
| | | -2.433e+04 | -6352.42 | 8.87e-04 | 0.0 | 80.0 | -390.81 | -243.96 | -99.33 | 411.09 | -6352.42 | -2.433e+04 |
| 429 | 391 | -1.689e+04 | 1064.82 | -2.12e-04 | -240.00 | 0.0 | -986.86 | -121.79 | -96.77 | -557.65 | 1064.82 | -1.689e+04 |
| | | -3.496e+04 | -6677.16 | 6.41e-04 | 0.0 | 80.0 | -986.86 | -361.79 | -96.77 | -557.65 | -6677.16 | -3.496e+04 |
| 429 | 402 | 1.344e+04 | 3884.18 | -0.01 | -240.00 | 0.0 | 2884.88 | 400.26 | -321.21 | 126.03 | 3884.18 | 7020.03 |
| | | 7020.03 | -2.181e+04 | 2.38e-03 | 0.0 | 80.0 | 2884.88 | 160.26 | -321.21 | 126.03 | -2.181e+04 | 1.312e+04 |
| 429 | 407 | -1.689e+04 | 1064.82 | -2.12e-04 | -240.00 | 0.0 | -986.86 | -121.79 | -96.77 | -557.65 | 1064.82 | -1.689e+04 |
| | | -3.496e+04 | -6677.16 | 6.41e-04 | 0.0 | 80.0 | -986.86 | -361.79 | -96.77 | -557.65 | -6677.16 | -3.496e+04 |
| 429 | 420 | -1.632e+04 | 1396.91 | -2.52e-04 | -240.00 | 0.0 | -1033.55 | -119.55 | -115.90 | -623.39 | 1396.91 | -1.632e+04 |
| | | -3.350e+04 | -7956.91 | 7.84e-04 | 0.0 | 80.0 | -1033.55 | -359.55 | -115.90 | -623.39 | -7956.91 | -3.350e+04 |
| 429 | 428 | -1.736e+04 | 1178.54 | -2.48e-03 | -240.00 | 0.0 | -949.91 | -84.75 | -135.69 | -1028.93 | 1178.54 | -1.736e+04 |
| | | -3.698e+04 | -9732.01 | -4.47e-04 | 0.0 | 80.0 | -949.91 | -324.75 | -135.69 | -1028.93 | -9732.01 | -3.698e+04 |
| 429 | 434 | -2.218e+04 | 1153.90 | -2.33e-04 | -240.00 | 0.0 | -691.96 | -145.68 | -131.39 | -980.34 | 1153.90 | -2.218e+04 |
| | | -3.935e+04 | -9376.42 | 8.26e-04 | 0.0 | 80.0 | -691.96 | -385.68 | -131.39 | -980.34 | -9376.42 | -3.935e+04 |
| 429 | 437 | -1.160e+04 | 976.84 | -1.99e-04 | -240.00 | 0.0 | -1284.19 | -98.75 | -66.93 | -136.54 | 976.84 | -1.160e+04 |
| | | -3.057e+04 | -4221.12 | 5.20e-04 | 0.0 | 80.0 | -1284.19 | -338.75 | -66.93 | -136.54 | -4221.12 | -3.057e+04 |
| 429 | 438 | -2.218e+04 | 1152.79 | -2.24e-04 | -240.00 | 0.0 | -689.53 | -144.84 | -126.62 | -978.76 | 1152.79 | -2.218e+04 |
| | | -3.935e+04 | -9133.21 | 7.76e-04 | 0.0 | 80.0 | -689.53 | -384.84 | -126.62 | -978.76 | -9133.21 | -3.935e+04 |
| 429 | 448 | -1.660e+04 | 1244.52 | -2.77e-04 | -240.00 | 0.0 | -1007.22 | -123.90 | -105.49 | -580.75 | 1244.52 | -1.660e+04 |
| | | -3.438e+04 | -7249.43 | 6.82e-04 | 0.0 | 80.0 | -1007.22 | -363.90 | -105.49 | -580.75 | -7249.43 | -3.438e+04 |
| 429 | 458 | -1.952e+04 | 1149.97 | -3.71e-04 | -240.00 | 0.0 | -829.06 | -144.62 | -111.17 | -737.25 | 1149.97 | -1.952e+04 |
| | | -3.770e+04 | -7798.68 | 6.37e-04 | 0.0 | 80.0 | -829.06 | -384.62 | -111.17 | -737.25 | -7798.68 | -3.770e+04 |
| 429 | 461 | -1.423e+04 | 980.20 | -5.63e-05 | -240.00 | 0.0 | -1145.85 | -99.39 | -84.78 | -378.84 | 980.20 | -1.423e+04 |
| | | -3.222e+04 | -5677.81 | 6.81e-04 | 0.0 | 80.0 | -1145.85 | -339.39 | -84.78 | -378.84 | -5677.81 | -3.222e+04 |
| 429 | 462 | -1.955e+04 | 1149.43 | -3.67e-04 | -240.00 | 0.0 | -827.87 | -144.20 | -108.77 | -736.46 | 1149.43 | -1.955e+04 |
| | | -3.770e+04 | -7676.52 | 6.12e-04 | 0.0 | 80.0 | -827.87 | -384.20 | -108.77 | -736.46 | -7676.52 | -3.770e+04 |
| 429 | 468 | -1.892e+04 | 1191.99 | -2.27e-04 | -240.00 | 0.0 | -876.92 | -130.72 | -114.38 | -750.25 | 1191.99 | -1.892e+04 |
| | | -3.637e+04 | -8045.19 | 7.35e-04 | 0.0 | 80.0 | -876.92 | -370.72 | -114.38 | -750.25 | -8045.19 | -3.637e+04 |
| 430 | 105 | -1.479e+04 | 7437.31 | -5.15e-03 | -324.00 | 0.0 | -1282.65 | 23.36 | 113.67 | -214.06 | -1656.47 | -1.479e+04 |
| | | -2.840e+04 | -1656.47 | -9.66e-04 | 0.0 | 80.0 | -1282.65 | -300.64 | 113.67 | -214.06 | 7437.31 | -2.840e+04 |
| 430 | 141 | -1.498e+04 | 8678.51 | -6.72e-03 | -324.00 | 0.0 | -559.22 | -27.57 | 134.95 | -432.02 | -2117.82 | -1.498e+04 |
| | | -3.276e+04 | -2117.82 | -1.18e-03 | 0.0 | 80.0 | -559.22 | -351.57 | 134.95 | -432.02 | 8678.51 | -3.276e+04 |
| 430 | 171 | 6.147e+04 | 3.397e+04 | -0.03 | -324.00 | 0.0 | 6244.58 | 1073.73 | 509.07 | -1641.66 | -6758.63 | 2.602e+04 |
| | | 2.602e+04 | -6758.63 | -4.03e-03 | 0.0 | 80.0 | 6244.58 | 749.73 | 509.07 | -1641.66 | 3.397e+04 | 6.147e+04 |
| 430 | 172 | 8.669e+04 | 3.165e+04 | -0.03 | -240.00 | 0.0 | 7365.91 | 1115.32 | 475.40 | -1829.79 | -6382.25 | 4.460e+04 |
| | | 4.460e+04 | -6382.25 | -3.80e-03 | 0.0 | 80.0 | 7365.91 | 875.32 | 475.40 | -1829.79 | 3.165e+04 | 8.669e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|-----------|----------|---------|----------|------------|------------|
| 430 | 313 | -9474.02 | 5598.84 | -3.76e-03 | -240.00 | 0.0 | -856.34 | 19.60 | 85.32 | -146.87 | -1227.11 | -9474.02 |
| | | -1.950e+04 | -1227.11 | -7.16e-04 | 0.0 | 80.0 | -856.34 | -220.40 | 85.32 | -146.87 | 5598.84 | -1.950e+04 |
| 430 | 331 | -1.003e+04 | 6372.76 | -4.94e-03 | -240.00 | 0.0 | -341.50 | -11.79 | 99.03 | -321.90 | -1549.70 | -1.003e+04 |
| | | -2.269e+04 | -1549.70 | -8.61e-04 | 0.0 | 80.0 | -341.50 | -251.79 | 99.03 | -321.90 | 6372.76 | -2.269e+04 |
| 430 | 346 | 4.680e+04 | 2.520e+04 | -0.02 | -240.00 | 0.0 | 4710.58 | 793.30 | 377.56 | -1214.15 | -5006.28 | 2.069e+04 |
| | | 2.069e+04 | -5006.28 | -2.99e-03 | 0.0 | 80.0 | 4710.58 | 553.30 | 377.56 | -1214.15 | 2.520e+04 | 4.680e+04 |
| 430 | 392 | -1.689e+04 | 6685.94 | -2.13e-04 | -240.00 | 0.0 | -987.82 | -121.69 | 96.89 | 558.47 | -1064.91 | -1.689e+04 |
| | | -3.496e+04 | -1064.91 | -6.43e-04 | 0.0 | 80.0 | -987.82 | -361.69 | 96.89 | 558.47 | 6685.94 | -3.496e+04 |
| 430 | 402 | 1.346e+04 | 2.182e+04 | -0.01 | -240.00 | 0.0 | 2886.61 | 400.31 | 321.25 | -125.34 | -3883.98 | 7034.16 |
| | | 7034.16 | -3883.98 | -2.38e-03 | 0.0 | 80.0 | 2886.61 | 160.31 | 321.25 | -125.34 | 2.182e+04 | 1.346e+04 |
| 430 | 407 | -1.688e+04 | 6684.13 | -2.13e-04 | -240.00 | 0.0 | -985.51 | -121.69 | 96.86 | 558.50 | -1064.67 | -1.688e+04 |
| | | -3.494e+04 | -1064.67 | -6.43e-04 | 0.0 | 80.0 | -985.51 | -361.69 | 96.86 | 558.50 | 6684.13 | -3.494e+04 |
| 430 | 414 | -1.682e+04 | 7004.21 | -1.32e-04 | -240.00 | 0.0 | -1036.72 | -117.16 | 98.70 | 588.91 | -1392.54 | -1.682e+04 |
| | | -3.493e+04 | -1392.54 | -4.42e-04 | 0.0 | 80.0 | -1036.72 | -357.16 | 98.70 | 588.91 | 7004.21 | -3.493e+04 |
| 430 | 430 | -1.721e+04 | 9562.73 | -2.15e-03 | -240.00 | 0.0 | -965.76 | -77.39 | 133.76 | 1177.61 | -1163.87 | -1.721e+04 |
| | | -3.088e+04 | -1163.87 | -1.73e-03 | 0.0 | 80.0 | -965.76 | -371.39 | 133.76 | 1177.61 | 9562.73 | -3.088e+04 |
| 430 | 436 | -2.279e+04 | 8662.94 | 1.38e-04 | -240.00 | 0.0 | -610.62 | -151.04 | 121.39 | 865.32 | -1227.43 | -2.279e+04 |
| | | -4.214e+04 | -1227.43 | 3.11e-04 | 0.0 | 80.0 | -610.62 | -391.04 | 121.39 | 865.32 | 8662.94 | -4.214e+04 |
| 430 | 439 | -1.096e+04 | 4705.32 | -4.80e-04 | -240.00 | 0.0 | -1360.40 | -92.34 | 72.33 | 251.69 | -901.91 | -1.096e+04 |
| | | -2.775e+04 | -901.91 | -1.21e-03 | 0.0 | 80.0 | -1360.40 | -332.34 | 72.33 | 251.69 | 4705.32 | -2.775e+04 |
| 430 | 458 | -1.996e+04 | 8006.18 | 1.19e-04 | -240.00 | 0.0 | -829.19 | -128.59 | 114.04 | 770.70 | -1289.20 | -1.996e+04 |
| | | -3.769e+04 | -1289.20 | -2.73e-04 | 0.0 | 80.0 | -829.19 | -368.59 | 114.04 | 770.70 | 8006.18 | -3.769e+04 |
| 430 | 460 | -2.049e+04 | 7984.80 | 1.18e-04 | -240.00 | 0.0 | -781.93 | -131.85 | 113.72 | 787.94 | -1211.52 | -2.049e+04 |
| | | -3.830e+04 | -1211.52 | -2.74e-04 | 0.0 | 80.0 | -781.93 | -371.85 | 113.72 | 787.94 | 7984.80 | -3.830e+04 |
| 430 | 462 | -1.993e+04 | 8123.01 | 1.22e-04 | -240.00 | 0.0 | -831.93 | -129.09 | 116.28 | 770.65 | -1289.04 | -1.993e+04 |
| | | -3.769e+04 | -1289.04 | -2.95e-04 | 0.0 | 80.0 | -831.93 | -369.09 | 116.28 | 770.65 | 8123.01 | -3.769e+04 |
| 430 | 463 | -1.327e+04 | 5383.46 | -4.69e-04 | -240.00 | 0.0 | -1189.09 | -111.53 | 80.00 | 329.06 | -917.82 | -1.327e+04 |
| | | -3.159e+04 | -917.82 | -1.16e-03 | 0.0 | 80.0 | -1189.09 | -351.53 | 80.00 | 329.06 | 5383.46 | -3.159e+04 |
| 430 | 468 | -1.981e+04 | 7664.10 | -7.97e-05 | -240.00 | 0.0 | -799.71 | -136.30 | 109.00 | 711.04 | -1144.27 | -1.981e+04 |
| | | -3.852e+04 | -1144.27 | -4.46e-04 | 0.0 | 80.0 | -799.71 | -376.30 | 109.00 | 711.04 | 7664.10 | -3.852e+04 |
| 431 | 141 | -1.286e+04 | 1910.20 | -5.49e-03 | -324.00 | 0.0 | -725.87 | -49.96 | -126.09 | 207.93 | 1910.20 | -1.286e+04 |
| | | -3.186e+04 | -8176.67 | 1.05e-03 | 0.0 | 80.0 | -725.87 | -373.96 | -126.09 | 207.93 | -8176.67 | -3.186e+04 |
| 431 | 210 | 2.270e+05 | 2940.61 | -0.03 | -240.00 | 0.0 | 1.186e+04 | -2598.65 | -109.72 | 4336.74 | 2940.61 | 2.270e+05 |
| | | 2.771e+04 | -5836.91 | 1.99e-03 | 0.0 | 80.0 | 1.186e+04 | -2838.65 | -109.72 | 4336.74 | -5836.91 | 2.771e+04 |
| 431 | 212 | 2.266e+05 | 2940.61 | -0.03 | -240.00 | 0.0 | 1.187e+04 | -2554.83 | -116.05 | 4239.20 | 2940.61 | 2.266e+05 |
| | | 2.945e+04 | -6343.71 | 1.98e-03 | 0.0 | 80.0 | 1.187e+04 | -2794.83 | -116.05 | 4239.20 | -6343.71 | 2.945e+04 |
| 431 | 223 | -1.463e+04 | 4160.22 | -0.02 | -324.00 | 0.0 | 1133.47 | 307.37 | -243.72 | 1981.05 | 4160.22 | -1.463e+04 |
| | | -1.807e+04 | -1.534e+04 | 2.35e-03 | 0.0 | 80.0 | 1133.47 | -16.63 | -243.72 | 1981.05 | -1.534e+04 | -1.807e+04 |
| 431 | 231 | 1.977e+04 | 4977.73 | -0.03 | -324.00 | 0.0 | 2642.33 | 861.32 | -230.51 | 4225.28 | 4977.73 | -1.097e+04 |
| | | -1.097e+04 | -1.346e+04 | 2.83e-03 | 0.0 | 80.0 | 2642.33 | 537.32 | -230.51 | 4225.28 | -1.346e+04 | 1.977e+04 |
| 431 | 245 | -1.389e+04 | 1658.37 | -5.18e-03 | -324.00 | 0.0 | -1342.97 | 24.49 | -112.96 | 226.04 | 1658.37 | -1.389e+04 |
| | | -2.746e+04 | -7378.23 | 9.57e-04 | 0.0 | 80.0 | -1342.97 | -299.51 | -112.96 | 226.04 | -7378.23 | -2.746e+04 |
| 431 | 269 | -9452.61 | 1227.67 | -3.72e-03 | -240.00 | 0.0 | -923.95 | 47.95 | -85.02 | 140.68 | 1227.67 | -9473.24 |
| | | -1.814e+04 | -5573.92 | 6.96e-04 | 0.0 | 80.0 | -923.95 | -192.05 | -85.02 | 140.68 | -5573.92 | -1.814e+04 |
| 431 | 331 | -8489.76 | 1395.51 | -4.03e-03 | -240.00 | 0.0 | -463.71 | -28.48 | -92.51 | 154.71 | 1395.51 | -8489.76 |
| | | -2.206e+04 | -6005.35 | 7.64e-04 | 0.0 | 80.0 | -463.71 | -268.48 | -92.51 | 154.71 | -6005.35 | -2.206e+04 |
| 431 | 365 | 1.558e+05 | 2456.96 | -0.02 | -240.00 | 0.0 | 8039.86 | -1954.56 | -107.18 | 3063.73 | 2456.96 | 1.558e+05 |
| | | 3211.61 | -6117.55 | 1.60e-03 | 0.0 | 80.0 | 8039.86 | -2194.56 | -107.18 | 3063.73 | -6117.55 | 3211.61 |
| 431 | 366 | 1.555e+05 | 2456.96 | -0.02 | -240.00 | 0.0 | 8051.02 | -1925.34 | -111.40 | 2998.71 | 2456.96 | 1.555e+05 |
| | | 4369.71 | -6455.42 | 1.59e-03 | 0.0 | 80.0 | 8051.02 | -2165.34 | -111.40 | 2998.71 | -6455.42 | 4369.71 |
| 431 | 372 | -9591.61 | 3066.33 | -0.01 | -240.00 | 0.0 | 915.71 | 233.53 | -179.38 | 1478.79 | 3066.33 | -1.233e+04 |
| | | -1.233e+04 | -1.128e+04 | 1.73e-03 | 0.0 | 80.0 | 915.71 | -6.47 | -179.38 | 1478.79 | -1.128e+04 | -1.233e+04 |
| 431 | 376 | 1.588e+04 | 3687.09 | -0.02 | -240.00 | 0.0 | 2043.67 | 635.92 | -171.27 | 3127.44 | 3687.09 | -6732.89 |
| | | -6732.89 | -1.001e+04 | 2.09e-03 | 0.0 | 80.0 | 2043.67 | 395.92 | -171.27 | 3127.44 | -1.001e+04 | 1.588e+04 |
| 431 | 391 | -1.685e+04 | 1064.85 | -2.17e-04 | -240.00 | 0.0 | -988.77 | -121.59 | -96.79 | -557.39 | 1064.85 | -1.685e+04 |
| | | -3.491e+04 | -6678.52 | 6.42e-04 | 0.0 | 80.0 | -988.77 | -361.59 | -96.79 | -557.39 | -6678.52 | -3.491e+04 |
| 431 | 392 | -1.658e+04 | 1065.14 | -2.12e-04 | -240.00 | 0.0 | -1003.51 | -121.60 | -96.79 | -557.45 | 1065.14 | -1.658e+04 |
| | | -3.465e+04 | -6677.78 | 6.42e-04 | 0.0 | 80.0 | -1003.51 | -361.60 | -96.79 | -557.45 | -6677.78 | -3.465e+04 |
| 431 | 404 | 1.079e+05 | 1971.98 | -0.01 | -240.00 | 0.0 | 5400.80 | -1638.83 | -121.82 | 1461.86 | 1971.98 | 1.079e+05 |
| | | -1.889e+04 | -7773.40 | 1.25e-03 | 0.0 | 80.0 | 5400.80 | -1878.83 | -121.82 | 1461.86 | -7773.40 | -1.889e+04 |
| 431 | 405 | -9288.32 | 2894.57 | -0.01 | -240.00 | 0.0 | 895.29 | 282.11 | -166.71 | 1558.41 | 2894.57 | -1.374e+04 |
| | | -1.374e+04 | -1.044e+04 | 1.64e-03 | 0.0 | 80.0 | 895.29 | 42.11 | -166.71 | 1558.41 | -1.044e+04 | -1.374e+04 |
| 431 | 407 | -1.685e+04 | 1064.85 | -2.17e-04 | -240.00 | 0.0 | -988.77 | -121.59 | -96.79 | -557.39 | 1064.85 | -1.685e+04 |
| | | -3.491e+04 | -6678.52 | 6.42e-04 | 0.0 | 80.0 | -988.77 | -361.59 | -96.79 | -557.39 | -6678.52 | -3.491e+04 |
| 431 | 409 | -2.828e+04 | 2027.89 | -5.30e-04 | -240.00 | 0.0 | -931.83 | -55.62 | -54.26 | -22.38 | 2027.89 | -2.834e+04 |
| | | -3.641e+04 | -4136.09 | 6.60e-04 | 0.0 | 80.0 | -931.83 | -295.62 | -54.26 | -22.38 | -4136.09 | -3.641e+04 |
| 431 | 426 | 4617.10 | 534.26 | 6.18e-04 | -240.00 | 0.0 | -59.94 | -258.68 | -166.44 | -1740.94 | 534.26 | 4617.10 |
| | | -5.243e+04 | -1.204e+04 | 4.66e-04 | 0.0 | 80.0 | -59.94 | -498.68 | -166.44 | -1740.94 | -1.204e+04 | -5.243e+04 |
| 431 | 428 | 1252.87 | 1064.25 | 5.67e-04 | -240.00 | 0.0 | 163.00 | -258.05 | -165.52 | -1622.34 | 1064.25 | 1252.87 |
| | | -5.689e+04 | -1.197e+04 | 4.31e-04 | 0.0 | 80.0 | 163.00 | -498.05 | -165.52 | -1622.34 | -1.197e+04 | -5.689e+04 |
| 431 | 430 | 4652.89 | 534.29 | 6.27e-04 | -240.00 | 0.0 | -61.61 | -242.92 | -153.10 | -1740.91 | 534.29 | 4652.89 |
| | | -5.242e+04 | -1.149e+04 | -4.68e-04 | 0.0 | 80.0 | -61.61 | -482.92 | -153.10 | -1740.91 | -1.149e+04 | -5.242e+04 |
| 431 | 431 | -1.294e+04 | 1065.45 | -1.00e-03 | -240.00 | 0.0 | -2140.54 | 14.86 | -28.07 | 507.56 | 1065.45 | -3.496e+04 |
| | | -3.496e+04 | -1391.39 | 1.32e-03 | 0.0 | 80.0 | -2140.54 | -225.14 | -28.07 | 507.56 | -1391.39 | -1.294e+04 |
| 431 | 440 | -2.035e+04 | 1531.03 | -2.32e-04 | -240.00 | 0.0 | -848.73 | -111.72 | -91.00 | -513.69 | 1531.03 | -2.035e+04 |
| | | -3.951e+04 | -6661.06 | 5.86e-04 | 0.0 | 80.0 | -848.73 | -351.72 | -91.00 | -513.69 | -6661.06 | -3.951e+04 |
| 431 | 448 | -2.041e+04 | 1531.03 | -2.47e-04 | -240.00 | 0.0 | -846.00 | -138.35 | -113.56 | -513.85 | 1531.03 | -2.041e+04 |

| | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|-----------|----------|---------|----------|----------------------|
| | | -3.953e+04 | -7581.84 | 6.89e-04 | 0.0 | 80.0 | -846.00 | -378.35 | -113.56 | -513.85 | -7581.84-3.953e+04 |
| 431 | 449 | -1.908e+04 | 1494.99 | -2.89e-04 | -240.00 | 0.0 | -757.19 | -130.43 | -101.08 | -401.20 | 1494.99-1.908e+04 |
| | | -3.790e+04 | -6579.27 | 6.63e-04 | 0.0 | 80.0 | -757.19 | -370.43 | -101.08 | -401.20 | -6579.27-3.790e+04 |
| 431 | 450 | -1.463e+04 | 634.71 | -1.44e-04 | -240.00 | 0.0 | -1220.34 | -112.76 | -92.50 | -713.58 | 634.71-1.463e+04 |
| | | -3.193e+04 | -6777.78 | 6.28e-04 | 0.0 | 80.0 | -1220.34 | -352.76 | -92.50 | -713.58 | -6777.78-3.193e+04 |
| 431 | 451 | -1.330e+04 | 598.67 | -1.86e-04 | -240.00 | 0.0 | -1131.53 | -104.84 | -80.02 | -600.93 | 598.67-1.330e+04 |
| | | -3.030e+04 | -5775.21 | 5.94e-04 | 0.0 | 80.0 | -1131.53 | -344.84 | -80.02 | -600.93 | -5775.21-3.030e+04 |
| 431 | 458 | -1.821e+04 | 990.45 | -1.37e-04 | -240.00 | 0.0 | -1192.12 | -138.95 | -121.21 | -775.15 | 990.45-1.821e+04 |
| | | -3.650e+04 | -8505.10 | 7.19e-04 | 0.0 | 80.0 | -1192.12 | -378.95 | -121.21 | -775.15 | -8505.10-3.650e+04 |
| 432 | 21 | -1.297e+04 | 8275.07 | -5.55e-03 | -324.00 | 0.0 | -728.02 | -46.62 | 127.32 | -205.51 | -1910.73-1.297e+04 |
| | | -3.181e+04 | -1910.73 | -1.07e-03 | 0.0 | 80.0 | -728.02 | -370.62 | 127.32 | -205.51 | 8275.07-3.181e+04 |
| 432 | 203 | -1.464e+04 | 1.535e+04 | -0.02 | -324.00 | 0.0 | 1147.18 | 307.82 | 243.92 | -1979.23 | -1519.11-1.464e+04 |
| | | -1.809e+04 | -4159.11 | -2.36e-03 | 0.0 | 80.0 | 1147.18 | -16.18 | 243.92 | -1979.23 | 1.535e+04-1.766e+04 |
| 432 | 211 | 1.979e+04 | 1.345e+04 | -0.03 | -324.00 | 0.0 | 2661.79 | 861.37 | 230.31 | -4225.95 | -4976.09-1.097e+04 |
| | | -1.097e+04 | -4976.09 | -2.83e-03 | 0.0 | 80.0 | 2661.79 | 537.37 | 230.31 | -4225.95 | 1.345e+04 1.979e+04 |
| 432 | 230 | 2.272e+05 | 5853.11 | -0.03 | -240.00 | 0.0 | 1.186e+04 | -2598.47 | 109.91 | -4334.03 | -2939.42 2.272e+05 |
| | | 2.794e+04 | -2939.42 | -2.00e-03 | 0.0 | 80.0 | 1.186e+04 | -2838.47 | 109.91 | -4334.03 | 5853.11 2.794e+04 |
| 432 | 232 | 2.269e+05 | 6333.18 | -0.03 | -240.00 | 0.0 | 1.188e+04 | -2555.03 | 115.91 | -4238.78 | -2939.42 2.269e+05 |
| | | 2.966e+04 | -2939.42 | -1.97e-03 | 0.0 | 80.0 | 1.188e+04 | -2795.03 | 115.91 | -4238.78 | 6333.18 2.966e+04 |
| 432 | 245 | -1.344e+04 | 5926.84 | -4.94e-03 | -324.00 | 0.0 | -1316.62 | 1.81 | 94.78 | -328.32 | -1655.26-1.344e+04 |
| | | -2.805e+04 | -1655.26 | -7.56e-04 | 0.0 | 80.0 | -1316.62 | -322.19 | 94.78 | -328.32 | 5926.84-2.805e+04 |
| 432 | 269 | -9127.67 | 4821.47 | -3.60e-03 | -240.00 | 0.0 | -897.81 | 36.27 | 75.57 | -192.04 | -1224.48 -9127.67 |
| | | -1.832e+04 | -1224.48 | -6.01e-04 | 0.0 | 80.0 | -897.81 | -203.73 | 75.57 | -192.04 | 4821.47-1.832e+04 |
| 432 | 271 | -8566.98 | 6071.73 | -4.07e-03 | -240.00 | 0.0 | -464.95 | -26.10 | 93.35 | -153.45 | -1395.87 -8566.98 |
| | | -2.203e+04 | -1395.87 | -7.79e-04 | 0.0 | 80.0 | -464.95 | -266.10 | 93.35 | -153.45 | 6071.73-2.203e+04 |
| 432 | 362 | -9588.57 | 1.129e+04 | -0.01 | -240.00 | 0.0 | 926.26 | 233.80 | 179.47 | -1477.80 | -3065.45-1.234e+04 |
| | | -1.234e+04 | -3065.45 | -1.74e-03 | 0.0 | 80.0 | 926.26 | -6.20 | 179.47 | -1477.80 | 1.129e+04-1.165e+04 |
| 432 | 366 | 1.589e+04 | 9998.96 | -0.02 | -240.00 | 0.0 | 2058.46 | 635.89 | 171.06 | -3128.29 | -3685.83 -6733.58 |
| | | -6733.58 | -3685.83 | -2.09e-03 | 0.0 | 80.0 | 2058.46 | 395.89 | 171.06 | -3128.29 | 9998.96 1.589e+04 |
| 432 | 375 | 1.559e+05 | 6123.03 | -0.02 | -240.00 | 0.0 | 8044.15 | -1954.51 | 107.24 | -3062.23 | -2456.01 1.559e+05 |
| | | 3385.49 | -2456.01 | -1.60e-03 | 0.0 | 80.0 | 8044.15 | -2194.51 | 107.24 | -3062.23 | 6123.03 3385.49 |
| 432 | 376 | 1.557e+05 | 6443.07 | -0.02 | -240.00 | 0.0 | 8055.20 | -1925.56 | 111.24 | -2998.73 | -2456.01 1.557e+05 |
| | | 4533.47 | -2456.01 | -1.58e-03 | 0.0 | 80.0 | 8055.20 | -2165.56 | 111.24 | -2998.73 | 6443.07 4533.47 |
| 432 | 391 | -1.685e+04 | 6678.63 | -2.17e-04 | -240.00 | 0.0 | -988.04 | -121.59 | 96.79 | 557.45 | -1064.77-1.685e+04 |
| | | -3.491e+04 | -1064.77 | -6.42e-04 | 0.0 | 80.0 | -988.04 | -361.59 | 96.79 | 557.45 | 6678.63-3.491e+04 |
| 432 | 392 | -1.661e+04 | 6680.46 | -2.13e-04 | -240.00 | 0.0 | -1006.23 | -121.58 | 96.82 | 557.40 | -1065.45-1.661e+04 |
| | | -3.467e+04 | -1065.45 | -6.42e-04 | 0.0 | 80.0 | -1006.23 | -361.58 | 96.82 | 557.40 | 6680.46-3.467e+04 |
| 432 | 404 | -9265.36 | 1.041e+04 | -0.01 | -240.00 | 0.0 | 908.95 | 281.83 | 166.31 | -1560.44 | -2893.32-1.372e+04 |
| | | -1.372e+04 | -2893.32 | -1.63e-03 | 0.0 | 80.0 | 908.95 | 41.83 | 166.31 | -1560.44 | 1.041e+04-1.024e+04 |
| 432 | 405 | 1.081e+05 | 7744.77 | -0.01 | -240.00 | 0.0 | 5406.50 | -1639.26 | 121.45 | -1463.27 | -1970.96 1.081e+05 |
| | | -1.876e+04 | -1970.96 | -1.24e-03 | 0.0 | 80.0 | 5406.50 | -1879.26 | 121.45 | -1463.27 | 7744.77-1.876e+04 |
| 432 | 407 | -1.685e+04 | 6678.63 | -2.17e-04 | -240.00 | 0.0 | -988.04 | -121.59 | 96.79 | 557.45 | -1064.77-1.685e+04 |
| | | -3.491e+04 | -1064.77 | -6.42e-04 | 0.0 | 80.0 | -988.04 | -361.59 | 96.79 | 557.45 | 6678.63-3.491e+04 |
| 432 | 411 | -8027.68 | 3897.96 | -3.49e-04 | -240.00 | 0.0 | -1312.89 | -72.54 | 50.05 | -28.07 | -2138.32 -8027.68 |
| | | -2.411e+04 | -2138.32 | -6.94e-04 | 0.0 | 80.0 | -1312.89 | -312.54 | 50.05 | -28.07 | 3897.96-2.411e+04 |
| 432 | 428 | -2.993e+04 | 1.265e+04 | 4.44e-04 | -240.00 | 0.0 | -1476.86 | -217.99 | 166.57 | 1876.86 | -509.00-2.993e+04 |
| | | -5.002e+04 | -509.00 | 5.06e-04 | 0.0 | 80.0 | -1476.86 | -457.99 | 166.57 | 1876.86 | 1.265e+04-5.002e+04 |
| 432 | 429 | -7063.13 | 6.42 | -9.21e-04 | -240.00 | 0.0 | -178.70 | -38.71 | 10.90 | -652.93 | -1023.32 -7063.13 |
| | | -2.399e+04 | -1023.32 | -1.35e-03 | 0.0 | 80.0 | -178.70 | -278.71 | 10.90 | -652.93 | 6.42-2.399e+04 |
| 432 | 430 | -2.663e+04 | 1.335e+04 | 4.90e-04 | -240.00 | 0.0 | -1797.39 | -204.46 | 182.69 | 1767.83 | -1106.22-2.663e+04 |
| | | -4.582e+04 | -1106.22 | -4.95e-04 | 0.0 | 80.0 | -1797.39 | -444.46 | 182.69 | 1767.83 | 1.335e+04-4.582e+04 |
| 432 | 431 | -3764.55 | 702.69 | -8.65e-04 | -240.00 | 0.0 | -499.23 | -25.18 | 27.01 | -761.96 | -1620.54 -3764.55 |
| | | -1.980e+04 | -1620.54 | -1.40e-03 | 0.0 | 80.0 | -499.23 | -265.18 | 27.01 | -761.96 | 702.69-1.980e+04 |
| 432 | 442 | -1.485e+04 | 6688.05 | -1.26e-04 | -240.00 | 0.0 | -1295.44 | -114.66 | 90.82 | 502.71 | -1604.95-1.485e+04 |
| | | -3.229e+04 | -1604.95 | -5.22e-04 | 0.0 | 80.0 | -1295.44 | -354.66 | 90.82 | 502.71 | 6688.05-3.229e+04 |
| 432 | 448 | -2.040e+04 | 6552.28 | -2.09e-04 | -240.00 | 0.0 | -768.91 | -137.44 | 89.13 | 699.11 | -597.82-2.040e+04 |
| | | -3.938e+04 | -597.82 | -5.42e-04 | 0.0 | 80.0 | -768.91 | -377.44 | 89.13 | 699.11 | 6552.28-3.938e+04 |
| 432 | 449 | -1.890e+04 | 5636.00 | -3.19e-04 | -240.00 | 0.0 | -673.38 | -128.70 | 77.36 | 600.14 | -525.11-1.890e+04 |
| | | -3.757e+04 | -525.11 | -6.64e-04 | 0.0 | 80.0 | -673.38 | -368.70 | 77.36 | 600.14 | 5636.00-3.757e+04 |
| 432 | 450 | -1.480e+04 | 7721.25 | -1.14e-04 | -240.00 | 0.0 | -1302.71 | -114.48 | 116.23 | 514.76 | -1604.43-1.480e+04 |
| | | -3.224e+04 | -1604.43 | -6.25e-04 | 0.0 | 80.0 | -1302.71 | -354.48 | 116.23 | 514.76 | 7721.25-3.224e+04 |
| 432 | 451 | -1.329e+04 | 6804.97 | -2.24e-04 | -240.00 | 0.0 | -1207.18 | -105.73 | 104.46 | 415.80 | -1531.72-1.329e+04 |
| | | -3.043e+04 | -1531.72 | -7.55e-04 | 0.0 | 80.0 | -1207.18 | -345.73 | 104.46 | 415.80 | 6804.97-3.043e+04 |
| 432 | 462 | -1.852e+04 | 8381.11 | 7.77e-05 | -240.00 | 0.0 | -1227.34 | -132.72 | 120.47 | 694.75 | -1336.95-1.852e+04 |
| | | -3.685e+04 | -1336.95 | -4.72e-04 | 0.0 | 80.0 | -1227.34 | -372.72 | 120.47 | 694.75 | 8381.11-3.685e+04 |
| 433 | 3 | 2.173e+04 | 4982.75 | -0.03 | -324.00 | 0.0 | 2455.70 | 842.40 | -251.31 | 3964.65 | 4982.75 -8073.97 |
| | | -8073.97 | -1.512e+04 | 2.88e-03 | 0.0 | 80.0 | 2455.70 | 518.40 | -251.31 | 3964.65 | -1.512e+04 2.173e+04 |
| 433 | 7 | -1.266e+04 | 4163.75 | -0.02 | -324.00 | 0.0 | 987.15 | 293.44 | -259.84 | 1786.98 | 4163.75-1.266e+04 |
| | | -1.605e+04 | -1.662e+04 | 2.41e-03 | 0.0 | 80.0 | 987.15 | -30.56 | -259.84 | 1786.98 | -1.662e+04-1.605e+04 |
| 433 | 21 | -1.236e+04 | 1908.84 | -5.49e-03 | -324.00 | 0.0 | -747.54 | -47.98 | -128.55 | 190.01 | 1908.84-1.236e+04 |
| | | -3.127e+04 | -8375.04 | 1.04e-03 | 0.0 | 80.0 | -747.54 | -371.98 | -128.55 | 190.01 | -8375.04-3.127e+04 |
| 433 | 225 | -1.283e+04 | 1656.64 | -4.87e-03 | -324.00 | 0.0 | -1371.78 | -0.03 | -95.11 | 323.19 | 1656.64-1.283e+04 |
| | | -2.756e+04 | -5952.38 | 7.14e-04 | 0.0 | 80.0 | -1371.78 | -324.03 | -95.11 | 323.19 | -5952.38-2.756e+04 |
| 433 | 250 | 2.296e+05 | 2945.32 | -0.03 | -240.00 | 0.0 | 1.168e+04 | -2612.14 | -125.29 | 4143.68 | 2945.32 2.296e+05 |
| | | 2.961e+04 | -7078.09 | 2.00e-03 | 0.0 | 80.0 | 1.168e+04 | -2852.14 | -125.29 | 4143.68 | -7078.09 2.961e+04 |
| 433 | 252 | 2.292e+05 | 2945.33 | -0.03 | -240.00 | 0.0 | 1.170e+04 | -2568.27 | -130.79 | 4052.58 | 2945.33 2.292e+05 |
| | | 3.135e+04 | -7518.12 | 1.99e-03 | 0.0 | 80.0 | 1.170e+04 | -2808.27 | -130.79 | 4052.58 | -7518.12 3.135e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|-----------|----------|---------|----------|------------|------------|
| 433 | 261 | 1.548e+04 | 3688.23 | -0.02 | -240.00 | 0.0 | 1798.01 | 607.08 | -184.41 | 2968.20 | 3688.23 | -5704.68 |
| | | -5704.68 | -1.106e+04 | 2.13e-03 | 0.0 | 80.0 | 1798.01 | 367.08 | -184.41 | 2968.20 | -1.106e+04 | 1.548e+04 |
| 433 | 263 | -9610.77 | 3066.40 | -0.01 | -240.00 | 0.0 | 699.68 | 208.37 | -189.09 | 1368.51 | 3066.40 | -1.172e+04 |
| | | -1.230e+04 | -1.206e+04 | 1.77e-03 | 0.0 | 80.0 | 699.68 | -31.63 | -189.09 | 1368.51 | -1.206e+04 | -1.230e+04 |
| 433 | 271 | -8154.34 | 1394.45 | -4.03e-03 | -240.00 | 0.0 | -477.42 | -27.01 | -94.14 | 142.82 | 1394.45 | -8154.34 |
| | | -2.166e+04 | -6137.07 | 7.60e-04 | 0.0 | 80.0 | -477.42 | -267.01 | -94.14 | 142.82 | -6137.07 | -2.166e+04 |
| 433 | 373 | -8089.64 | 1227.15 | -3.56e-03 | -240.00 | 0.0 | -918.66 | 2.17 | -71.39 | 228.67 | 1227.15 | -8089.64 |
| | | -1.895e+04 | -4484.39 | 5.31e-04 | 0.0 | 80.0 | -918.66 | -237.83 | -71.39 | 228.67 | -4484.39 | -1.895e+04 |
| 433 | 385 | 1.577e+05 | 2460.07 | -0.02 | -240.00 | 0.0 | 7914.57 | -1964.55 | -118.50 | 2922.28 | 2460.07 | 1.577e+05 |
| | | 4616.70 | -7019.79 | 1.61e-03 | 0.0 | 80.0 | 7914.57 | -2204.55 | -118.50 | 2922.28 | -7019.79 | 4616.70 |
| 433 | 386 | 1.574e+05 | 2460.07 | -0.02 | -240.00 | 0.0 | 7925.74 | -1935.30 | -122.17 | 2861.54 | 2460.07 | 1.574e+05 |
| | | 5775.42 | -7313.14 | 1.61e-03 | 0.0 | 80.0 | 7925.74 | -2175.30 | -122.17 | 2861.54 | -7313.14 | 5775.42 |
| 433 | 391 | -1.675e+04 | 1063.68 | -2.15e-04 | -240.00 | 0.0 | -986.67 | -121.60 | -96.69 | -556.72 | 1063.68 | -1.675e+04 |
| | | -3.482e+04 | -6671.39 | 6.41e-04 | 0.0 | 80.0 | -986.67 | -361.60 | -96.69 | -556.72 | -6671.39 | -3.482e+04 |
| 433 | 392 | -1.619e+04 | 1064.66 | -2.06e-04 | -240.00 | 0.0 | -1021.99 | -121.60 | -96.71 | -556.76 | 1064.66 | -1.619e+04 |
| | | -3.426e+04 | -6672.12 | 6.41e-04 | 0.0 | 80.0 | -1021.99 | -361.60 | -96.71 | -556.76 | -6672.12 | -3.426e+04 |
| 433 | 394 | -8260.41 | 2896.67 | -0.01 | -240.00 | 0.0 | 809.46 | 271.79 | -177.45 | 1422.88 | 2896.67 | -1.237e+04 |
| | | -1.237e+04 | -1.130e+04 | 1.69e-03 | 0.0 | 80.0 | 809.46 | 31.79 | -177.45 | 1422.88 | -1.130e+04 | -9395.60 |
| 433 | 406 | 1.092e+05 | 1973.69 | -0.01 | -240.00 | 0.0 | 5322.94 | -1646.12 | -129.17 | 1367.56 | 1973.69 | 1.092e+05 |
| | | -1.803e+04 | -8359.74 | 1.28e-03 | 0.0 | 80.0 | 5322.94 | -1886.12 | -129.17 | 1367.56 | -8359.74 | -1.803e+04 |
| 433 | 407 | -1.675e+04 | 1063.68 | -2.15e-04 | -240.00 | 0.0 | -986.67 | -121.60 | -96.69 | -556.72 | 1063.68 | -1.675e+04 |
| | | -3.482e+04 | -6671.39 | 6.41e-04 | 0.0 | 80.0 | -986.67 | -361.60 | -96.69 | -556.72 | -6671.39 | -3.482e+04 |
| 433 | 408 | -2.761e+04 | -544.54 | -8.48e-04 | -240.00 | 0.0 | -312.34 | -156.06 | -64.02 | -372.85 | -544.54 | -2.761e+04 |
| | | -4.975e+04 | -5671.24 | 8.02e-04 | 0.0 | 80.0 | -312.34 | -396.06 | -64.02 | -372.85 | -5671.24 | -4.975e+04 |
| 433 | 414 | -7398.35 | 2738.23 | -1.50e-04 | -240.00 | 0.0 | -1582.11 | -85.12 | -143.88 | -964.13 | 2738.23 | -7398.35 |
| | | -2.229e+04 | -8809.08 | 8.82e-04 | 0.0 | 80.0 | -1582.11 | -325.12 | -143.88 | -964.13 | -8809.08 | -2.229e+04 |
| 433 | 420 | -2.851e+04 | -495.54 | -4.71e-04 | -240.00 | 0.0 | -256.84 | -177.38 | -142.55 | -283.54 | -495.54 | -2.851e+04 |
| | | -4.964e+04 | -8703.26 | 1.04e-03 | 0.0 | 80.0 | -256.84 | -417.38 | -142.55 | -283.54 | -8703.26 | -4.964e+04 |
| 433 | 423 | -5001.07 | 2622.90 | 5.29e-05 | -240.00 | 0.0 | -1716.50 | -65.82 | -50.83 | -829.89 | 2622.90 | -5001.07 |
| | | -1.999e+04 | -4639.53 | 2.47e-04 | 0.0 | 80.0 | -1716.50 | -305.82 | -50.83 | -829.89 | -4639.53 | -1.999e+04 |
| 433 | 426 | -1.475e+04 | 1578.40 | -1.88e-03 | -240.00 | 0.0 | -1134.10 | -65.68 | -137.50 | -1212.15 | 1578.40 | -1.475e+04 |
| | | -3.489e+04 | -9444.56 | 1.29e-03 | 0.0 | 80.0 | -1134.10 | -305.68 | -137.50 | -1212.15 | -9444.56 | -3.489e+04 |
| 433 | 440 | -2.296e+04 | 279.27 | -3.14e-04 | -240.00 | 0.0 | -697.73 | -149.71 | -79.46 | -422.84 | 279.27 | -2.296e+04 |
| | | -4.260e+04 | -6104.55 | 8.11e-04 | 0.0 | 80.0 | -697.73 | -389.71 | -79.46 | -422.84 | -6104.55 | -4.260e+04 |
| 433 | 442 | -1.221e+04 | 1923.03 | -1.87e-04 | -240.00 | 0.0 | -1357.25 | -101.94 | -121.32 | -777.27 | 1923.03 | -1.221e+04 |
| | | -2.860e+04 | -7811.42 | 8.37e-04 | 0.0 | 80.0 | -1357.25 | -341.94 | -121.32 | -777.27 | -7811.42 | -2.860e+04 |
| 433 | 449 | -2.134e+04 | 204.54 | -2.81e-04 | -240.00 | 0.0 | -612.73 | -140.38 | -113.26 | -345.11 | 204.54 | -2.134e+04 |
| | | -4.103e+04 | -7186.12 | 5.77e-04 | 0.0 | 80.0 | -612.73 | -380.38 | -113.26 | -345.11 | -7186.12 | -4.103e+04 |
| 433 | 450 | -1.216e+04 | 1922.81 | -1.49e-04 | -240.00 | 0.0 | -1360.61 | -102.82 | -80.11 | -768.33 | 1922.81 | -1.216e+04 |
| | | -2.861e+04 | -6156.67 | 7.36e-04 | 0.0 | 80.0 | -1360.61 | -342.82 | -80.11 | -768.33 | -6156.67 | -2.861e+04 |
| 433 | 451 | -1.051e+04 | 1847.86 | -7.88e-05 | -240.00 | 0.0 | -1278.97 | -94.36 | -72.71 | -681.65 | 1847.86 | -1.051e+04 |
| | | -2.704e+04 | -5583.49 | 3.68e-04 | 0.0 | 80.0 | -1278.97 | -334.36 | -72.71 | -681.65 | -5583.49 | -2.704e+04 |
| 433 | 458 | -1.791e+04 | 1435.16 | -3.13e-04 | -240.00 | 0.0 | -1221.67 | -128.52 | -115.30 | -754.34 | 1435.16 | -1.791e+04 |
| | | -3.533e+04 | -7882.72 | 1.28e-03 | 0.0 | 80.0 | -1221.67 | -368.52 | -115.30 | -754.34 | -7882.72 | -3.533e+04 |
| 434 | 2 | 2.310e+05 | 5218.51 | -0.03 | -240.00 | 0.0 | 1.170e+04 | -2651.59 | 102.03 | -4270.94 | 5218.51 | 2.310e+05 |
| | | 2.915e+04 | -2944.02 | -1.77e-03 | 0.0 | 80.0 | 1.170e+04 | -2891.59 | 102.03 | -4270.94 | -2944.02 | 2.915e+04 |
| 434 | 4 | 2.306e+05 | 5737.17 | -0.03 | -240.00 | 0.0 | 1.172e+04 | -2606.40 | 108.51 | -4178.06 | 5737.17 | 2.306e+05 |
| | | 3.094e+04 | -2944.02 | -1.74e-03 | 0.0 | 80.0 | 1.172e+04 | -2846.40 | 108.51 | -4178.06 | -2944.02 | 3.094e+04 |
| 434 | 21 | -1.204e+04 | 8197.59 | -5.45e-03 | -324.00 | 0.0 | -737.93 | -51.38 | 126.39 | -198.70 | 8197.59 | -1.204e+04 |
| | | -3.110e+04 | -1913.88 | -1.08e-03 | 0.0 | 80.0 | -737.93 | -375.38 | 126.39 | -198.70 | -1913.88 | -3.110e+04 |
| 434 | 225 | -1.274e+04 | 7434.00 | -5.12e-03 | -324.00 | 0.0 | -1352.39 | 22.58 | 113.69 | -208.81 | 7434.00 | -1.274e+04 |
| | | -2.638e+04 | -1660.89 | -9.94e-04 | 0.0 | 80.0 | -1352.39 | -301.42 | 113.69 | -208.81 | -1660.89 | -2.638e+04 |
| 434 | 243 | -1.247e+04 | 1.502e+04 | -0.02 | -324.00 | 0.0 | 1039.37 | 279.43 | 239.82 | -1941.24 | 1.502e+04 | -1.247e+04 |
| | | -1.618e+04 | -4164.31 | -2.25e-03 | 0.0 | 80.0 | 1039.37 | -44.57 | 239.82 | -1941.24 | -4164.31 | -1.618e+04 |
| 434 | 251 | 2.149e+04 | 1.304e+04 | -0.03 | -324.00 | 0.0 | 2520.88 | 825.27 | 225.33 | -4181.70 | 1.304e+04 | 2.149e+04 |
| | | -7552.63 | -4982.14 | -2.67e-03 | 0.0 | 80.0 | 2520.88 | 501.27 | 225.33 | -4181.70 | -4982.14 | -7552.63 |
| 434 | 261 | 1.574e+05 | 5815.01 | -0.02 | -240.00 | 0.0 | 7831.26 | -1978.57 | 103.40 | -2987.44 | 5815.01 | 1.574e+05 |
| | | 3739.56 | -2457.07 | -1.42e-03 | 0.0 | 80.0 | 7831.26 | -2218.57 | 103.40 | -2987.44 | -2457.07 | 3739.56 |
| 434 | 271 | -7921.97 | 6023.00 | -4.00e-03 | -240.00 | 0.0 | -470.29 | -29.21 | 92.76 | -149.01 | 6023.00 | -7921.97 |
| | | -2.153e+04 | -1398.11 | -7.85e-04 | 0.0 | 80.0 | -470.29 | -269.21 | 92.76 | -149.01 | -1398.11 | -2.153e+04 |
| 434 | 373 | -8024.73 | 5604.73 | -3.74e-03 | -240.00 | 0.0 | -904.16 | 19.31 | 85.44 | -143.38 | 5604.73 | -8024.73 |
| | | -1.806e+04 | -1230.27 | -7.35e-04 | 0.0 | 80.0 | -904.16 | -220.69 | 85.44 | -143.38 | -1230.27 | -1.806e+04 |
| 434 | 382 | -8035.16 | 1.105e+04 | -0.01 | -240.00 | 0.0 | 848.18 | 213.01 | 176.50 | -1450.03 | 1.105e+04 | -8035.16 |
| | | -1.058e+04 | -3069.23 | -1.65e-03 | 0.0 | 80.0 | 848.18 | -26.99 | 176.50 | -1450.03 | -3069.23 | -1.058e+04 |
| 434 | 386 | 1.712e+04 | 9705.35 | -0.02 | -240.00 | 0.0 | 1956.13 | 609.44 | 167.45 | -3095.92 | 9705.35 | 1.712e+04 |
| | | -4242.48 | -3690.25 | -1.97e-03 | 0.0 | 80.0 | 1956.13 | 369.44 | 167.45 | -3095.92 | -3690.25 | -4242.48 |
| 434 | 391 | -1.655e+04 | 6688.79 | -2.12e-04 | -240.00 | 0.0 | -977.45 | -121.52 | 96.93 | 558.72 | 6688.79 | -1.655e+04 |
| | | -3.460e+04 | -1065.96 | -6.42e-04 | 0.0 | 80.0 | -977.45 | -361.52 | 96.93 | 558.72 | -1065.96 | -3.460e+04 |
| 434 | 392 | -1.601e+04 | 6691.46 | -2.03e-04 | -240.00 | 0.0 | -1014.45 | -121.52 | 96.98 | 558.82 | 6691.46 | -1.601e+04 |
| | | -3.406e+04 | -1067.25 | -6.43e-04 | 0.0 | 80.0 | -1014.45 | -361.52 | 96.98 | 558.82 | -1067.25 | -3.406e+04 |
| 434 | 394 | 1.100e+05 | 7446.76 | -0.01 | -240.00 | 0.0 | 5338.15 | -1666.10 | 117.75 | -1429.98 | 7446.76 | 1.100e+05 |
| | | -1.810e+04 | -1973.23 | -1.11e-03 | 0.0 | 80.0 | 5338.15 | -1906.10 | 117.75 | -1429.98 | -1973.23 | -1.810e+04 |
| 434 | 406 | -8153.64 | 1.022e+04 | -0.01 | -240.00 | 0.0 | 849.50 | 263.46 | 163.94 | -1536.48 | 1.022e+04 | -8153.64 |
| | | -1.204e+04 | -2896.24 | -1.54e-03 | 0.0 | 80.0 | 849.50 | 23.46 | 163.94 | -1536.48 | -2896.24 | -1.204e+04 |
| 434 | 407 | -1.655e+04 | 6688.79 | -2.12e-04 | -240.00 | 0.0 | -977.45 | -121.52 | 96.93 | 558.72 | 6688.79 | -1.655e+04 |
| | | -3.460e+04 | -1065.96 | -6.42e-04 | 0.0 | 80.0 | -977.45 | -361.52 | 96.93 | 558.72 | -1065.96 | -3.460e+04 |
| 434 | 412 | -2.762e+04 | 9281.81 | -3.04e-04 | -240.00 | 0.0 | -219.10 | -161.53 | 66.28 | 300.23 | 9281.81 | -2.762e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|----------|----------|---------|----------|------------|------------|
| | | -4.894e+04 | 546.81 | -7.15e-04 | 0.0 | 80.0 | -219.10 | -401.53 | 66.28 | 300.23 | 9281.81 | -4.894e+04 |
| 434 | 414 | -7337.21 | 5879.57 | -5.93e-05 | -240.00 | 0.0 | -1619.95 | -74.63 | 151.45 | 1042.82 | -2871.05 | -7337.21 |
| | | -2.208e+04 | -2871.05 | -3.93e-04 | 0.0 | 80.0 | -1619.95 | -314.63 | 151.45 | 1042.82 | 5879.57 | -2.208e+04 |
| 434 | 420 | -2.771e+04 | 5815.38 | -3.76e-04 | -240.00 | 0.0 | -212.28 | -75.91 | 65.47 | 1015.18 | 546.43 | -2.771e+04 |
| | | -4.886e+04 | 546.43 | -4.84e-04 | 0.0 | 80.0 | -212.28 | -315.91 | 65.47 | 1015.18 | 5815.38 | -4.886e+04 |
| 434 | 423 | -5401.29 | 7562.21 | -4.79e-05 | -240.00 | 0.0 | -1742.62 | -167.13 | 128.40 | 102.26 | -2678.34 | -5401.29 |
| | | -2.035e+04 | -2678.34 | -8.41e-04 | 0.0 | 80.0 | -1742.62 | -407.13 | 128.40 | 102.26 | 7562.21 | -2.035e+04 |
| 434 | 430 | -1.480e+04 | 1.105e+04 | -2.42e-03 | -240.00 | 0.0 | -1107.80 | -103.56 | 157.34 | 918.13 | -1646.93 | -1.480e+04 |
| | | -3.243e+04 | -1646.93 | -5.62e-04 | 0.0 | 80.0 | -1107.80 | -343.56 | 157.34 | 918.13 | 1.105e+04 | -3.243e+04 |
| 434 | 440 | -2.233e+04 | 7995.91 | -1.49e-04 | -240.00 | 0.0 | -602.98 | -141.44 | 81.26 | 425.73 | -269.51 | -2.233e+04 |
| | | -4.205e+04 | -269.51 | -6.21e-04 | 0.0 | 80.0 | -602.98 | -381.44 | 81.26 | 425.73 | 7995.91 | -4.205e+04 |
| 434 | 442 | -1.195e+04 | 6270.55 | 4.43e-05 | -240.00 | 0.0 | -1303.55 | -97.12 | 124.44 | 801.54 | -2002.03 | -1.195e+04 |
| | | -2.830e+04 | -2002.03 | -4.56e-04 | 0.0 | 80.0 | -1303.55 | -337.12 | 124.44 | 801.54 | 6270.55 | -2.830e+04 |
| 434 | 451 | -1.073e+04 | 7138.03 | -2.38e-04 | -240.00 | 0.0 | -1355.31 | -145.27 | 113.00 | 329.79 | -1862.19 | -1.073e+04 |
| | | -2.720e+04 | -1862.19 | -7.99e-04 | 0.0 | 80.0 | -1355.31 | -385.27 | 113.00 | 329.79 | 7138.03 | -2.720e+04 |
| 434 | 452 | -2.225e+04 | 6236.48 | -2.96e-04 | -240.00 | 0.0 | -595.11 | -98.31 | 80.85 | 788.51 | -247.15 | -2.225e+04 |
| | | -4.188e+04 | -247.15 | -5.60e-04 | 0.0 | 80.0 | -595.11 | -338.31 | 80.85 | 788.51 | 6236.48 | -4.188e+04 |
| 434 | 455 | -1.086e+04 | 7141.11 | -1.28e-04 | -240.00 | 0.0 | -1359.78 | -144.73 | 113.02 | 328.93 | -1884.76 | -1.086e+04 |
| | | -2.732e+04 | -1884.76 | -7.37e-04 | 0.0 | 80.0 | -1359.78 | -384.73 | 113.02 | 328.93 | 7141.11 | -2.732e+04 |
| 434 | 462 | -1.693e+04 | 8438.35 | 2.46e-04 | -240.00 | 0.0 | -1002.94 | -120.50 | 123.25 | 689.55 | -1558.49 | -1.693e+04 |
| | | -3.446e+04 | -1558.49 | -3.29e-04 | 0.0 | 80.0 | -1002.94 | -360.50 | 123.25 | 689.55 | 8438.35 | -3.446e+04 |
| 435 | 46 | 4100.68 | -2770.72 | 3.71e-04 | -240.00 | 0.0 | 273.24 | -1272.13 | -112.71 | -61.61 | -2770.72 | 4100.68 |
| | | -5.774e+04 | -1.179e+04 | 2.26e-03 | 0.0 | 80.0 | 273.24 | -1512.13 | -112.71 | -61.61 | -1.179e+04 | -5.774e+04 |
| 435 | 69 | 2.406e+05 | 1.004e+04 | 6.08e-03 | -324.00 | 0.0 | 8206.81 | -7273.05 | -433.55 | -6564.82 | 1.004e+04 | 2.406e+05 |
| | | -2.010e+05 | -2.465e+04 | 2.85e-03 | 0.0 | 80.0 | 8206.81 | -7597.05 | -433.55 | -6564.82 | -2.465e+04 | -2.010e+05 |
| 435 | 70 | 2.412e+05 | 1.049e+04 | 6.01e-03 | -240.00 | 0.0 | 8191.47 | -7186.24 | -421.92 | -7777.54 | 1.049e+04 | 2.412e+05 |
| | | -1.949e+05 | -2.326e+04 | 2.26e-03 | 0.0 | 80.0 | 8191.47 | -7426.24 | -421.92 | -7777.54 | -2.326e+04 | -1.949e+05 |
| 435 | 71 | 2.405e+05 | 1.004e+04 | 6.05e-03 | -324.00 | 0.0 | 8210.56 | -7251.75 | -429.23 | -6465.20 | 1.004e+04 | 2.405e+05 |
| | | -1.983e+05 | -2.430e+04 | 2.83e-03 | 0.0 | 80.0 | 8210.56 | -7575.75 | -429.23 | -6465.20 | -2.430e+04 | -1.983e+05 |
| 435 | 283 | 2734.45 | -2389.32 | 3.15e-04 | -240.00 | 0.0 | 218.35 | -1005.92 | -91.84 | 861.42 | -2389.32 | 2734.45 |
| | | -4.674e+04 | -9736.36 | 2.11e-03 | 0.0 | 80.0 | 218.35 | -1245.92 | -91.84 | 861.42 | -9736.36 | -4.674e+04 |
| 435 | 295 | 1.784e+05 | 7435.19 | 4.50e-03 | -240.00 | 0.0 | 6083.11 | -5385.97 | -320.90 | -4852.94 | 7435.19 | 1.784e+05 |
| | | -1.484e+05 | -1.824e+04 | 2.11e-03 | 0.0 | 80.0 | 6083.11 | -5625.97 | -320.90 | -4852.94 | -1.824e+04 | -1.484e+05 |
| 435 | 296 | 1.783e+05 | 7435.19 | 4.48e-03 | -240.00 | 0.0 | 6085.61 | -5371.77 | -318.02 | -4786.52 | 7435.19 | 1.783e+05 |
| | | -1.466e+05 | -1.801e+04 | 2.10e-03 | 0.0 | 80.0 | 6085.61 | -5611.77 | -318.02 | -4786.52 | -1.801e+04 | -1.466e+05 |
| 435 | 391 | 818.00 | -1225.77 | 2.21e-04 | -240.00 | 0.0 | 197.17 | -246.89 | -26.56 | 3309.59 | -1225.77 | 818.00 |
| | | -1.521e+04 | -3350.68 | 1.69e-03 | 0.0 | 80.0 | 197.17 | -486.89 | -26.56 | 3309.59 | -3350.68 | -1.521e+04 |
| 435 | 397 | 1.317e+05 | 5404.72 | 3.36e-03 | -240.00 | 0.0 | 4547.78 | -3898.04 | -221.55 | -2086.10 | 5404.72 | 1.317e+05 |
| | | -1.050e+05 | -1.232e+04 | 1.76e-03 | 0.0 | 80.0 | 4547.78 | -4138.04 | -221.55 | -2086.10 | -1.232e+04 | -1.050e+05 |
| 435 | 407 | 818.00 | -1225.77 | 2.21e-04 | -240.00 | 0.0 | 197.17 | -246.89 | -26.56 | 3309.59 | -1225.77 | 818.00 |
| | | -1.521e+04 | -3350.68 | 1.69e-03 | 0.0 | 80.0 | 197.17 | -486.89 | -26.56 | 3309.59 | -3350.68 | -1.521e+04 |
| 435 | 413 | -3849.55 | 895.27 | 3.63e-04 | -240.00 | 0.0 | 220.20 | -277.55 | -70.72 | 4370.07 | 895.27 | -3849.55 |
| | | -1.932e+04 | -4872.61 | 2.51e-03 | 0.0 | 80.0 | 220.20 | -517.55 | -70.72 | 4370.07 | -4872.61 | -1.932e+04 |
| 435 | 432 | 1.006e+04 | -818.13 | -3.14e-04 | -240.00 | 0.0 | -95.68 | -287.84 | -23.03 | 3879.58 | -818.13 | 1.006e+04 |
| | | -8062.76 | -2530.05 | 1.15e-03 | 0.0 | 80.0 | -95.68 | -527.84 | -23.03 | 3879.58 | -2530.05 | -8062.76 |
| 435 | 433 | -9469.92 | -398.55 | 7.46e-04 | -240.00 | 0.0 | 454.33 | -229.58 | -53.82 | 3417.47 | -398.55 | -9469.92 |
| | | -2.344e+04 | -4873.55 | 2.58e-03 | 0.0 | 80.0 | 454.33 | -469.58 | -53.82 | 3417.47 | -4873.55 | -2.344e+04 |
| 435 | 435 | -8427.38 | -1633.41 | 7.56e-04 | -240.00 | 0.0 | 490.02 | -205.94 | -30.09 | 2739.59 | -1633.41 | -8427.38 |
| | | -2.235e+04 | -4171.31 | 2.22e-03 | 0.0 | 80.0 | 490.02 | -445.94 | -30.09 | 2739.59 | -4171.31 | -2.235e+04 |
| 435 | 437 | -9481.91 | -398.75 | 7.42e-04 | -240.00 | 0.0 | 456.15 | -229.98 | -53.87 | 3408.78 | -398.75 | -9481.91 |
| | | -2.350e+04 | -4872.94 | 2.61e-03 | 0.0 | 80.0 | 456.15 | -469.98 | -53.87 | 3408.78 | -4872.94 | -2.350e+04 |
| 435 | 438 | 1.112e+04 | -1828.42 | -3.00e-04 | -240.00 | 0.0 | -61.81 | -263.80 | 0.74 | 3210.40 | -2052.80 | 1.112e+04 |
| | | -6918.64 | -2052.80 | 7.71e-04 | 0.0 | 80.0 | -61.81 | -503.80 | 0.74 | 3210.40 | -1828.42 | -6918.64 |
| 435 | 441 | -1204.93 | -140.67 | 2.72e-04 | -240.00 | 0.0 | 200.24 | -264.48 | -48.68 | 3822.87 | -140.67 | -1204.93 |
| | | -1.708e+04 | -4104.50 | 2.15e-03 | 0.0 | 80.0 | 200.24 | -504.48 | -48.68 | 3822.87 | -4104.50 | -1.708e+04 |
| 435 | 445 | -1520.92 | -159.00 | 2.91e-04 | -240.00 | 0.0 | 208.14 | -262.54 | -48.82 | 3840.87 | -159.00 | -1520.92 |
| | | -1.726e+04 | -4119.51 | 2.09e-03 | 0.0 | 80.0 | 208.14 | -502.54 | -48.82 | 3840.87 | -4119.51 | -1.726e+04 |
| 435 | 464 | 5394.55 | -1018.97 | -4.41e-05 | -240.00 | 0.0 | 51.81 | -267.35 | -24.91 | 3595.49 | -1018.97 | 5394.55 |
| | | -1.167e+04 | -2947.69 | 1.42e-03 | 0.0 | 80.0 | 51.81 | -507.35 | -24.91 | 3595.49 | -2947.69 | -1.167e+04 |
| 435 | 467 | -3758.54 | -1432.57 | 4.86e-04 | -240.00 | 0.0 | 342.53 | -226.43 | -28.21 | 3023.69 | -1432.57 | -3758.54 |
| | | -1.875e+04 | -3753.67 | 1.95e-03 | 0.0 | 80.0 | 342.53 | -466.43 | -28.21 | 3023.69 | -3753.67 | -1.875e+04 |
| 435 | 469 | -4296.77 | -811.30 | 4.79e-04 | -240.00 | 0.0 | 325.49 | -238.63 | -40.21 | 3358.96 | -811.30 | -4296.77 |
| | | -1.932e+04 | -4109.91 | 2.14e-03 | 0.0 | 80.0 | 325.49 | -478.63 | -40.21 | 3358.96 | -4109.91 | -1.932e+04 |
| 435 | 470 | 5932.78 | -1640.24 | -3.69e-05 | -240.00 | 0.0 | 68.86 | -255.15 | -12.91 | 3260.22 | -1640.24 | 5932.78 |
| | | -1.109e+04 | -2591.45 | 1.23e-03 | 0.0 | 80.0 | 68.86 | -495.15 | -12.91 | 3260.22 | -2591.45 | -1.109e+04 |
| 436 | 46 | 4858.33 | -1483.52 | 3.48e-04 | -240.00 | 0.0 | 201.81 | -548.54 | -103.28 | 2943.18 | -1483.52 | 4858.33 |
| | | -3.121e+04 | -9745.62 | 2.65e-03 | 0.0 | 80.0 | 201.81 | -788.54 | -103.28 | 2943.18 | -9745.62 | -3.121e+04 |
| 436 | 129 | 2.410e+05 | 1.002e+04 | 6.10e-03 | -324.00 | 0.0 | 8211.58 | -7308.46 | -429.50 | -7050.23 | 1.002e+04 | 2.410e+05 |
| | | -2.034e+05 | -2.434e+04 | 2.73e-03 | 0.0 | 80.0 | 8211.58 | -7632.46 | -429.50 | -7050.23 | -2.434e+04 | -2.034e+05 |
| 436 | 130 | 2.416e+05 | 1.046e+04 | 6.03e-03 | -240.00 | 0.0 | 8189.12 | -7224.04 | -421.15 | -8271.06 | 1.046e+04 | 2.416e+05 |
| | | -1.974e+05 | -2.323e+04 | 2.18e-03 | 0.0 | 80.0 | 8189.12 | -7464.04 | -421.15 | -8271.06 | -2.323e+04 | -1.974e+05 |
| 436 | 131 | 2.410e+05 | 1.002e+04 | 6.07e-03 | -324.00 | 0.0 | 8214.60 | -7287.80 | -424.96 | -6950.49 | 1.002e+04 | 2.410e+05 |
| | | -2.006e+05 | -2.398e+04 | 2.72e-03 | 0.0 | 80.0 | 8214.60 | -7611.80 | -424.96 | -6950.49 | -2.398e+04 | -2.006e+05 |
| 436 | 149 | 5.245e+04 | 6460.55 | 1.59e-03 | -324.00 | 0.0 | 1907.08 | -2406.61 | -470.08 | -5188.67 | 6460.55 | 5.245e+04 |
| | | -9.648e+04 | -3.115e+04 | 3.75e-03 | 0.0 | 80.0 | 1907.08 | -2730.61 | -470.08 | -5188.67 | -3.115e+04 | -9.648e+04 |
| 436 | 283 | 3324.91 | -1427.50 | 3.01e-04 | -240.00 | 0.0 | 171.12 | -466.95 | -82.05 | 3092.75 | -1427.50 | 3324.91 |
| | | -2.693e+04 | -7991.33 | 2.40e-03 | 0.0 | 80.0 | 171.12 | -706.95 | -82.05 | 3092.75 | -7991.33 | -2.693e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|---------|----------|---------|----------|------------|------------|
| 436 | 325 | 1.787e+05 | 7423.16 | 4.51e-03 | -240.00 | 0.0 | 6087.27 | -5412.32 | -317.55 | -5218.60 | 7423.16 | 1.787e+05 |
| | | -1.501e+05 | -1.798e+04 | 2.02e-03 | 0.0 | 80.0 | 6087.27 | -5652.32 | -317.55 | -5218.60 | -1.798e+04 | -1.501e+05 |
| 436 | 326 | 1.786e+05 | 7423.14 | 4.50e-03 | -240.00 | 0.0 | 6089.29 | -5398.54 | -314.52 | -5152.11 | 7423.14 | 1.786e+05 |
| | | -1.483e+05 | -1.774e+04 | 2.01e-03 | 0.0 | 80.0 | 6089.29 | -5638.54 | -314.52 | -5152.11 | -1.774e+04 | -1.483e+05 |
| 436 | 335 | 3.900e+04 | 4787.45 | 1.18e-03 | -240.00 | 0.0 | 1417.27 | -1781.32 | -347.61 | -3839.67 | 4787.45 | 3.900e+04 |
| | | -7.091e+04 | -2.302e+04 | 2.78e-03 | 0.0 | 80.0 | 1417.27 | -2021.32 | -347.61 | -3839.67 | -2.302e+04 | -7.091e+04 |
| 436 | 396 | 3917.35 | -1429.09 | 2.40e-04 | -240.00 | 0.0 | 172.83 | -450.50 | -77.58 | 3197.93 | -1429.09 | 3917.35 |
| | | -2.200e+04 | -7635.09 | 2.43e-03 | 0.0 | 80.0 | 172.83 | -690.50 | -77.58 | 3197.93 | -7635.09 | -2.200e+04 |
| 436 | 400 | 1.320e+05 | 5403.07 | 3.38e-03 | -240.00 | 0.0 | 4560.18 | -3910.01 | -213.64 | -2285.23 | 5403.07 | 1.320e+05 |
| | | -1.058e+05 | -1.169e+04 | 1.64e-03 | 0.0 | 80.0 | 4560.18 | -4150.01 | -213.64 | -2285.23 | -1.169e+04 | -1.058e+05 |
| 436 | 401 | 2.721e+04 | 3426.29 | 8.73e-04 | -240.00 | 0.0 | 1057.68 | -1186.76 | -236.19 | -1251.03 | 3426.29 | 2.721e+04 |
| | | -4.640e+04 | -1.547e+04 | 2.19e-03 | 0.0 | 80.0 | 1057.68 | -1426.76 | -236.19 | -1251.03 | -1.547e+04 | -4.640e+04 |
| 436 | 407 | 913.20 | -1210.03 | 2.29e-04 | -240.00 | 0.0 | 216.17 | -240.96 | -17.77 | 3329.83 | -1210.03 | 913.20 |
| | | -1.495e+04 | -2631.69 | 1.61e-03 | 0.0 | 80.0 | 216.17 | -480.96 | -17.77 | 3329.83 | -2631.69 | -1.495e+04 |
| 436 | 412 | 6100.16 | -578.29 | 1.03e-04 | -240.00 | 0.0 | 120.86 | -277.10 | -24.05 | 3933.98 | -578.29 | 6100.16 |
| | | -1.135e+04 | -2629.86 | 1.89e-03 | 0.0 | 80.0 | 120.86 | -517.10 | -24.05 | 3933.98 | -2629.86 | -1.135e+04 |
| 436 | 433 | -1.281e+04 | -1161.24 | 6.28e-04 | -240.00 | 0.0 | 640.93 | -191.70 | -39.02 | 3136.77 | -1161.24 | -1.281e+04 |
| | | -2.457e+04 | -4130.98 | 1.21e-03 | 0.0 | 80.0 | 640.93 | -431.70 | -39.02 | 3136.77 | -4130.98 | -2.457e+04 |
| 436 | 434 | 1.464e+04 | -1132.40 | -1.70e-04 | -240.00 | 0.0 | -208.58 | -290.22 | 3.47 | 3522.89 | -1258.82 | 1.464e+04 |
| | | -5333.62 | -1258.59 | 2.01e-03 | 0.0 | 80.0 | -208.58 | -530.22 | 3.47 | 3522.89 | -1132.40 | -5333.62 |
| 436 | 437 | -1.352e+04 | -1161.47 | 6.26e-04 | -240.00 | 0.0 | 639.20 | -191.91 | -39.38 | 3119.33 | -1161.47 | -1.352e+04 |
| | | -2.511e+04 | -4144.82 | 1.25e-03 | 0.0 | 80.0 | 639.20 | -431.91 | -39.38 | 3119.33 | -4144.82 | -2.511e+04 |
| 436 | 438 | 1.535e+04 | -1118.57 | -1.68e-04 | -240.00 | 0.0 | -206.86 | -290.01 | 3.84 | 3540.33 | -1258.59 | 1.535e+04 |
| | | -4791.94 | -1258.59 | 1.97e-03 | 0.0 | 80.0 | -206.86 | -530.01 | 3.84 | 3540.33 | -1118.57 | -4791.94 |
| 436 | 440 | 2692.08 | -878.76 | 1.83e-04 | -240.00 | 0.0 | 194.15 | -256.00 | -22.19 | 3644.78 | -878.76 | 2692.08 |
| | | -1.373e+04 | -2709.04 | 1.63e-03 | 0.0 | 80.0 | 194.15 | -496.00 | -22.19 | 3644.78 | -2709.04 | -1.373e+04 |
| 436 | 465 | -5900.24 | -1183.58 | 4.27e-04 | -240.00 | 0.0 | 427.12 | -216.51 | -28.37 | 3232.80 | -1183.58 | -5900.24 |
| | | -1.973e+04 | -3378.78 | 1.41e-03 | 0.0 | 80.0 | 427.12 | -456.51 | -28.37 | 3232.80 | -3378.78 | -1.973e+04 |
| 436 | 466 | 7726.64 | -1236.48 | 3.07e-05 | -240.00 | 0.0 | 5.22 | -265.40 | -7.17 | 3426.86 | -1236.48 | 7726.64 |
| | | -1.018e+04 | -1884.61 | 1.81e-03 | 0.0 | 80.0 | 5.22 | -505.40 | -7.17 | 3426.86 | -1884.61 | -1.018e+04 |
| 436 | 469 | -6254.67 | -1183.70 | 4.27e-04 | -240.00 | 0.0 | 426.29 | -216.62 | -28.55 | 3224.14 | -1183.70 | -6254.67 |
| | | -2.000e+04 | -3385.59 | 1.43e-03 | 0.0 | 80.0 | 426.29 | -456.62 | -28.55 | 3224.14 | -3385.59 | -2.000e+04 |
| 436 | 470 | 8081.08 | -1236.36 | 3.14e-05 | -240.00 | 0.0 | 6.05 | -265.30 | -6.99 | 3435.52 | -1236.36 | 8081.08 |
| | | -9905.93 | -1877.80 | 1.79e-03 | 0.0 | 80.0 | 6.05 | -505.30 | -6.99 | 3435.52 | -1877.80 | -9905.93 |
| 437 | 106 | 4901.87 | -1477.50 | 3.45e-04 | -240.00 | 0.0 | 223.32 | -552.69 | -99.02 | 2861.00 | -1477.50 | 4901.87 |
| | | -3.088e+04 | -9399.15 | 2.58e-03 | 0.0 | 80.0 | 223.32 | -792.69 | -99.02 | 2861.00 | -9399.15 | -3.088e+04 |
| 437 | 189 | 2.411e+05 | 1.001e+04 | 6.10e-03 | -324.00 | 0.0 | 8197.79 | -7321.99 | -435.95 | -7082.78 | 1.001e+04 | 2.411e+05 |
| | | -2.038e+05 | -2.487e+04 | 2.82e-03 | 0.0 | 80.0 | 8197.79 | -7645.99 | -435.95 | -7082.78 | -2.487e+04 | -2.038e+05 |
| 437 | 190 | 2.417e+05 | 1.046e+04 | 6.03e-03 | -240.00 | 0.0 | 8177.10 | -7235.05 | -427.03 | -8287.29 | 1.046e+04 | 2.417e+05 |
| | | -1.977e+05 | -2.371e+04 | 2.27e-03 | 0.0 | 80.0 | 8177.10 | -7475.05 | -427.03 | -8287.29 | -2.371e+04 | -1.977e+05 |
| 437 | 191 | 2.411e+05 | 1.001e+04 | 6.07e-03 | -324.00 | 0.0 | 8200.63 | -7301.86 | -431.54 | -6988.38 | 1.001e+04 | 2.411e+05 |
| | | -2.011e+05 | -2.451e+04 | 2.81e-03 | 0.0 | 80.0 | 8200.63 | -7625.86 | -431.54 | -6988.38 | -2.451e+04 | -2.011e+05 |
| 437 | 313 | 3376.86 | -1422.81 | 2.99e-04 | -240.00 | 0.0 | 186.30 | -472.04 | -79.09 | 3014.29 | -1422.81 | 3376.86 |
| | | -2.674e+04 | -7749.64 | 2.35e-03 | 0.0 | 80.0 | 186.30 | -712.04 | -79.09 | 3014.29 | -7749.64 | -2.674e+04 |
| 437 | 355 | 1.788e+05 | 7417.16 | 4.51e-03 | -240.00 | 0.0 | 6077.56 | -5422.47 | -322.11 | -5247.87 | 7417.16 | 1.788e+05 |
| | | -1.504e+05 | -1.835e+04 | 2.08e-03 | 0.0 | 80.0 | 6077.56 | -5662.47 | -322.11 | -5247.87 | -1.835e+04 | -1.504e+05 |
| 437 | 356 | 1.787e+05 | 7417.16 | 4.49e-03 | -240.00 | 0.0 | 6079.45 | -5409.05 | -319.17 | -5184.94 | 7417.16 | 1.787e+05 |
| | | -1.486e+05 | -1.812e+04 | 2.07e-03 | 0.0 | 80.0 | 6079.45 | -5649.05 | -319.17 | -5184.94 | -1.812e+04 | -1.486e+05 |
| 437 | 399 | 3981.57 | -1420.41 | 2.38e-04 | -240.00 | 0.0 | 192.09 | -457.07 | -72.81 | 3072.18 | -1420.41 | 3981.57 |
| | | -2.187e+04 | -7245.13 | 2.34e-03 | 0.0 | 80.0 | 192.09 | -697.07 | -72.81 | 3072.18 | -7245.13 | -2.187e+04 |
| 437 | 403 | 1.320e+05 | 5401.47 | 3.37e-03 | -240.00 | 0.0 | 4555.58 | -3918.93 | -215.78 | -2342.65 | 5401.47 | 1.320e+05 |
| | | -1.061e+05 | -1.186e+04 | 1.66e-03 | 0.0 | 80.0 | 4555.58 | -4158.93 | -215.78 | -2342.65 | -1.186e+04 | -1.061e+05 |
| 437 | 407 | 977.34 | -1210.91 | 2.28e-04 | -240.00 | 0.0 | 211.52 | -247.51 | -19.25 | 3287.58 | -1210.91 | 977.34 |
| | | -1.511e+04 | -2751.09 | 1.62e-03 | 0.0 | 80.0 | 211.52 | -487.51 | -19.25 | 3287.58 | -2751.09 | -1.511e+04 |
| 437 | 422 | 4753.91 | -39.51 | 1.53e-04 | -240.00 | 0.0 | 69.95 | -276.35 | -35.62 | 3771.08 | -39.51 | 4753.91 |
| | | -1.278e+04 | -2977.65 | 2.01e-03 | 0.0 | 80.0 | 69.95 | -516.35 | -35.62 | 3771.08 | -2977.65 | -1.278e+04 |
| 437 | 427 | -8832.39 | -906.22 | 8.27e-04 | -240.00 | 0.0 | 474.85 | -204.38 | -42.52 | 4051.83 | -906.22 | -8832.39 |
| | | -2.307e+04 | -4287.92 | 3.35e-03 | 0.0 | 80.0 | 474.85 | -444.38 | -42.52 | 4051.83 | -4287.92 | -2.307e+04 |
| 437 | 429 | -8873.30 | -1568.95 | 8.25e-04 | -240.00 | 0.0 | 507.93 | -203.68 | -29.51 | 3842.08 | -1568.95 | -8873.30 |
| | | -2.285e+04 | -3908.00 | 3.16e-03 | 0.0 | 80.0 | 507.93 | -443.68 | -29.51 | 3842.08 | -3908.00 | -2.285e+04 |
| 437 | 430 | 1.083e+04 | -852.87 | -3.70e-04 | -240.00 | 0.0 | -84.90 | -291.34 | -8.99 | 2733.08 | -852.87 | 1.083e+04 |
| | | -7369.14 | -1594.18 | 1.84e-04 | 0.0 | 80.0 | -84.90 | -531.34 | -8.99 | 2733.08 | -1594.18 | -7369.14 |
| 437 | 450 | 3025.96 | -595.70 | 1.74e-04 | -240.00 | 0.0 | 133.70 | -262.31 | -27.30 | 3530.79 | -595.70 | 3025.96 |
| | | -1.385e+04 | -2863.56 | 1.70e-03 | 0.0 | 80.0 | 133.70 | -502.31 | -27.30 | 3530.79 | -2863.56 | -1.385e+04 |
| 437 | 459 | -3998.27 | -1254.69 | 4.08e-04 | -240.00 | 0.0 | 350.01 | -226.41 | -29.53 | 3168.45 | -1254.69 | -3998.27 |
| | | -1.876e+04 | -3343.83 | 1.79e-03 | 0.0 | 80.0 | 350.01 | -466.41 | -29.53 | 3168.45 | -3343.83 | -1.876e+04 |
| 437 | 461 | -4018.75 | -1586.01 | 4.07e-04 | -240.00 | 0.0 | 366.76 | -226.07 | -23.02 | 3063.56 | -1586.01 | -4018.75 |
| | | -1.865e+04 | -3153.80 | 1.69e-03 | 0.0 | 80.0 | 366.76 | -466.07 | -23.02 | 3063.56 | -3153.80 | -1.865e+04 |
| 437 | 462 | 5973.42 | -835.81 | 4.84e-05 | -240.00 | 0.0 | 56.27 | -268.96 | -15.48 | 3511.60 | -835.81 | 5973.42 |
| | | -1.157e+04 | -2348.39 | 1.54e-03 | 0.0 | 80.0 | 56.27 | -508.96 | -15.48 | 3511.60 | -2348.39 | -1.157e+04 |
| 438 | 34 | 4809.96 | -1421.62 | 3.78e-04 | -240.00 | 0.0 | 335.88 | -578.31 | -74.98 | 2106.00 | -1421.62 | 4809.96 |
| | | -3.395e+04 | -7420.22 | 2.00e-03 | 0.0 | 80.0 | 335.88 | -818.31 | -74.98 | 2106.00 | -7420.22 | -3.395e+04 |
| 438 | 166 | 4873.34 | -1486.00 | 3.40e-04 | -240.00 | 0.0 | 230.29 | -555.07 | -102.95 | 2881.93 | -1486.00 | 4873.34 |
| | | -3.122e+04 | -9721.56 | 2.61e-03 | 0.0 | 80.0 | 230.29 | -795.07 | -102.95 | 2881.93 | -9721.56 | -3.122e+04 |
| 438 | 209 | 1.038e+04 | -3385.43 | 4.96e-04 | -324.00 | 0.0 | 392.73 | -1863.65 | -203.90 | -1379.05 | -1.970e+04 | 1.038e+04 |
| | | -8.462e+04 | -1.970e+04 | 3.47e-03 | 0.0 | 80.0 | 392.73 | -2187.65 | -203.90 | -1379.05 | -1.970e+04 | -8.462e+04 |
| 438 | 229 | 1.412e+04 | -4490.28 | 6.52e-04 | -324.00 | 0.0 | 1076.04 | -2267.57 | -133.04 | -2293.95 | -4490.28 | 1.412e+04 |

| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|---------|----------|---------|----------|------------|------------|
| | | -9.414e+04 | -1.513e+04 | 2.82e-03 | 0.0 | 80.0 | 1076.04 | -2591.57 | -133.04 | -2293.95 | -1.513e+04 | -9.414e+04 |
| 438 | 230 | 1.468e+04 | -4043.65 | 5.88e-04 | -240.00 | 0.0 | 1055.81 | -2180.58 | -123.99 | -3499.74 | -4043.65 | 1.468e+04 |
| | | -8.806e+04 | -1.396e+04 | 2.29e-03 | 0.0 | 80.0 | 1055.81 | -2420.58 | -123.99 | -3499.74 | -1.396e+04 | -8.806e+04 |
| 438 | 231 | 1.408e+04 | -4490.28 | 6.27e-04 | -324.00 | 0.0 | 1079.21 | -2246.67 | -128.53 | -2188.17 | -4490.28 | 1.408e+04 |
| | | -9.141e+04 | -1.477e+04 | 2.81e-03 | 0.0 | 80.0 | 1079.21 | -2570.67 | -128.53 | -2188.17 | -1.477e+04 | -9.141e+04 |
| 438 | 277 | 3320.70 | -1381.09 | 3.22e-04 | -240.00 | 0.0 | 268.87 | -491.27 | -61.04 | 2451.08 | -1381.09 | 3320.70 |
| | | -2.898e+04 | -6264.38 | 1.92e-03 | 0.0 | 80.0 | 268.87 | -731.27 | -61.04 | 2451.08 | -6264.38 | -2.898e+04 |
| 438 | 343 | 3355.12 | -1428.77 | 2.96e-04 | -240.00 | 0.0 | 191.56 | -473.68 | -81.82 | 3029.53 | -1428.77 | 3355.12 |
| | | -2.698e+04 | -7974.40 | 2.37e-03 | 0.0 | 80.0 | 191.56 | -713.68 | -81.82 | 3029.53 | -7974.40 | -2.698e+04 |
| 438 | 365 | 7841.59 | -2504.92 | 3.63e-04 | -240.00 | 0.0 | 296.43 | -1379.11 | -149.95 | -1024.37 | -2504.92 | 7841.59 |
| | | -6.211e+04 | -1.450e+04 | 2.56e-03 | 0.0 | 80.0 | 296.43 | -1619.11 | -149.95 | -1024.37 | -1.450e+04 | -6.211e+04 |
| 438 | 375 | 1.061e+04 | -3323.33 | 4.78e-04 | -240.00 | 0.0 | 802.58 | -1678.31 | -97.46 | -1702.07 | -3323.33 | 1.061e+04 |
| | | -6.916e+04 | -1.112e+04 | 2.08e-03 | 0.0 | 80.0 | 802.58 | -1918.31 | -97.46 | -1702.07 | -1.112e+04 | -6.916e+04 |
| 438 | 376 | 1.058e+04 | -3323.33 | 4.62e-04 | -240.00 | 0.0 | 804.70 | -1664.38 | -94.45 | -1631.55 | -3323.33 | 1.058e+04 |
| | | -6.734e+04 | -1.088e+04 | 2.07e-03 | 0.0 | 80.0 | 804.70 | -1904.38 | -94.45 | -1631.55 | -1.088e+04 | -6.734e+04 |
| 438 | 393 | 471.19 | -1211.41 | 2.74e-04 | -240.00 | 0.0 | 223.28 | -252.99 | -23.51 | 3270.25 | -1211.41 | 471.19 |
| | | -1.836e+04 | -3091.81 | 1.61e-03 | 0.0 | 80.0 | 223.28 | -492.99 | -23.51 | 3270.25 | -3091.81 | -1.836e+04 |
| 438 | 402 | 3952.63 | -1422.25 | 2.39e-04 | -240.00 | 0.0 | 200.87 | -457.29 | -73.23 | 3077.46 | -1422.25 | 3952.63 |
| | | -2.202e+04 | -7280.70 | 2.35e-03 | 0.0 | 80.0 | 200.87 | -697.29 | -73.23 | 3077.46 | -7280.70 | -2.202e+04 |
| 438 | 404 | 3852.08 | -2307.06 | 2.60e-04 | -240.00 | 0.0 | 222.05 | -885.78 | -85.02 | 811.81 | -2307.06 | 3852.08 |
| | | -3.977e+04 | -8838.39 | 1.99e-03 | 0.0 | 80.0 | 222.05 | -1125.78 | -85.02 | 811.81 | -8838.39 | -3.977e+04 |
| 438 | 405 | 5930.10 | -2650.86 | 3.49e-04 | -240.00 | 0.0 | 601.67 | -1110.18 | -45.65 | 303.54 | -2650.86 | 5930.10 |
| | | -4.506e+04 | -6303.05 | 1.63e-03 | 0.0 | 80.0 | 601.67 | -1350.18 | -45.65 | 303.54 | -6303.05 | -4.506e+04 |
| 438 | 407 | 978.33 | -1211.41 | 2.28e-04 | -240.00 | 0.0 | 210.27 | -247.62 | -19.60 | 3290.94 | -1211.41 | 978.33 |
| | | -1.513e+04 | -2779.45 | 1.62e-03 | 0.0 | 80.0 | 210.27 | -487.62 | -19.60 | 3290.94 | -2779.45 | -1.513e+04 |
| 438 | 422 | 4604.25 | 1062.92 | 1.39e-04 | -240.00 | 0.0 | 41.91 | -290.04 | -57.32 | 4404.81 | 1062.92 | 4604.25 |
| | | -1.477e+04 | -3600.06 | 2.50e-03 | 0.0 | 80.0 | 41.91 | -530.04 | -57.32 | 4404.81 | -3600.06 | -1.477e+04 |
| 438 | 424 | 2.029e+04 | 174.96 | -1.74e-04 | -240.00 | 0.0 | -356.08 | -356.06 | 25.60 | 4770.47 | -1791.93 | 2.029e+04 |
| | | -1038.51 | -1791.93 | 2.73e-03 | 0.0 | 80.0 | -356.08 | -596.06 | 25.60 | 4770.47 | 174.96 | -1038.51 |
| 438 | 427 | -1.833e+04 | -630.89 | 6.27e-04 | -240.00 | 0.0 | 776.62 | -139.19 | -64.80 | 1811.41 | -630.89 | -1.833e+04 |
| | | -2.922e+04 | -5733.86 | 7.10e-04 | 0.0 | 80.0 | 776.62 | -379.19 | -64.80 | 1811.41 | -5733.86 | -2.922e+04 |
| 438 | 429 | -1.827e+04 | -1968.71 | 6.28e-04 | -240.00 | 0.0 | 828.34 | -121.48 | -39.52 | 1225.58 | -1968.71 | -1.827e+04 |
| | | -2.821e+04 | -5040.43 | 4.71e-04 | 0.0 | 80.0 | 828.34 | -361.48 | -39.52 | 1225.58 | -5040.43 | -2.821e+04 |
| 438 | 430 | 2.023e+04 | -454.11 | -1.74e-04 | -240.00 | 0.0 | -407.79 | -373.77 | 0.32 | 5356.30 | -454.11 | 2.023e+04 |
| | | -2043.42 | -518.46 | 3.14e-03 | 0.0 | 80.0 | -407.79 | -613.77 | 0.32 | 5356.30 | -518.46 | -2043.42 |
| 438 | 450 | 3526.70 | -62.53 | 1.75e-04 | -240.00 | 0.0 | 99.98 | -269.33 | -37.27 | 3840.44 | -62.53 | 3526.70 |
| | | -1.427e+04 | -3085.52 | 2.15e-03 | 0.0 | 80.0 | 99.98 | -509.33 | -37.27 | 3840.44 | -3085.52 | -1.427e+04 |
| 438 | 456 | 7745.31 | -1436.73 | 6.89e-05 | -240.00 | 0.0 | 22.50 | -264.79 | -3.74 | 3296.82 | -1436.73 | 7745.31 |
| | | -9802.60 | -1841.28 | 2.20e-03 | 0.0 | 80.0 | 22.50 | -504.79 | -3.74 | 3296.82 | -1841.28 | -9802.60 |
| 438 | 459 | -5788.66 | -986.10 | 3.86e-04 | -240.00 | 0.0 | 398.04 | -230.46 | -35.46 | 3285.06 | -986.10 | -5788.66 |
| | | -2.045e+04 | -3717.61 | 1.06e-03 | 0.0 | 80.0 | 398.04 | -470.46 | -35.46 | 3285.06 | -3717.61 | -2.045e+04 |
| 438 | 461 | -5759.72 | -1655.65 | 3.87e-04 | -240.00 | 0.0 | 424.12 | -221.57 | -22.80 | 2992.04 | -1655.65 | -5759.72 |
| | | -1.995e+04 | -3369.51 | 8.75e-04 | 0.0 | 80.0 | 424.12 | -461.57 | -22.80 | 2992.04 | -3369.51 | -1.995e+04 |
| 438 | 462 | 7716.37 | -767.17 | 6.84e-05 | -240.00 | 0.0 | -3.58 | -273.68 | -16.41 | 3589.84 | -767.17 | 7716.37 |
| | | -1.031e+04 | -2189.38 | 2.41e-03 | 0.0 | 80.0 | -3.58 | -513.68 | -16.41 | 3589.84 | -2189.38 | -1.031e+04 |
| 439 | 89 | 2.396e+05 | 2.213e+04 | 6.08e-03 | -324.00 | 0.0 | 8236.54 | -7199.65 | 401.66 | 4659.80 | -1.000e+04 | 2.396e+05 |
| | | -1.969e+05 | -1.000e+04 | -2.80e-03 | 0.0 | 80.0 | 8236.54 | -7523.65 | 401.66 | 4659.80 | 2.213e+04 | -1.969e+05 |
| 439 | 90 | 2.404e+05 | 2.128e+04 | 6.02e-03 | -240.00 | 0.0 | 8214.05 | -7129.26 | 396.59 | 6189.28 | -1.045e+04 | 2.404e+05 |
| | | -1.918e+05 | -1.045e+04 | -2.23e-03 | 0.0 | 80.0 | 8214.05 | -7369.26 | 396.59 | 6189.28 | 2.128e+04 | -1.918e+05 |
| 439 | 91 | 2.396e+05 | 2.177e+04 | 6.06e-03 | -324.00 | 0.0 | 8240.85 | -7178.49 | 397.17 | 4557.06 | -1.000e+04 | 2.396e+05 |
| | | -1.941e+05 | -1.000e+04 | -2.80e-03 | 0.0 | 80.0 | 8240.85 | -7502.49 | 397.17 | 4557.06 | 2.177e+04 | -1.941e+05 |
| 439 | 166 | 4154.89 | 8329.96 | 3.34e-04 | -240.00 | 0.0 | 253.59 | -506.93 | 85.67 | -3780.96 | 1476.05 | 4154.89 |
| | | -2.816e+04 | 1476.05 | -2.59e-03 | 0.0 | 80.0 | 253.59 | -746.93 | 85.67 | -3780.96 | 8329.96 | -2.816e+04 |
| 439 | 305 | 1.776e+05 | 1.635e+04 | 4.50e-03 | -240.00 | 0.0 | 6104.96 | -5331.69 | 296.99 | 3448.50 | -7412.09 | 1.776e+05 |
| | | -1.453e+05 | -7412.09 | -2.08e-03 | 0.0 | 80.0 | 6104.96 | -5571.69 | 296.99 | 3448.50 | 1.635e+04 | -1.453e+05 |
| 439 | 306 | 1.776e+05 | 1.611e+04 | 4.48e-03 | -240.00 | 0.0 | 6107.84 | -5317.58 | 293.99 | 3380.00 | -7412.08 | 1.776e+05 |
| | | -1.434e+05 | -7412.08 | -2.07e-03 | 0.0 | 80.0 | 6107.84 | -5557.58 | 293.99 | 3380.00 | 1.611e+04 | -1.434e+05 |
| 439 | 343 | 2670.45 | 6752.46 | 2.90e-04 | -240.00 | 0.0 | 208.83 | -425.69 | 66.63 | -3941.18 | 1421.95 | 2670.45 |
| | | -2.399e+04 | 1421.95 | -2.39e-03 | 0.0 | 80.0 | 208.83 | -665.69 | 66.63 | -3941.18 | 6752.46 | -2.399e+04 |
| 439 | 398 | 1.312e+05 | 1.042e+04 | 3.37e-03 | -240.00 | 0.0 | 4569.85 | -3844.19 | 197.76 | 875.14 | -5400.84 | 1.312e+05 |
| | | -1.018e+05 | -5400.84 | -1.73e-03 | 0.0 | 80.0 | 4569.85 | -4084.19 | 197.76 | 875.14 | 1.042e+04 | -1.018e+05 |
| 439 | 402 | 3269.12 | 6424.49 | 2.33e-04 | -240.00 | 0.0 | 204.04 | -408.20 | 62.52 | -4059.04 | 1423.26 | 3269.12 |
| | | -1.902e+04 | 1423.26 | -2.45e-03 | 0.0 | 80.0 | 204.04 | -648.20 | 62.52 | -4059.04 | 6424.49 | -1.902e+04 |
| 439 | 407 | 424.14 | 1929.29 | 2.23e-04 | -240.00 | 0.0 | 216.32 | -203.20 | 9.01 | -4153.78 | 1208.17 | 424.14 |
| | | -1.248e+04 | 1208.17 | -1.70e-03 | 0.0 | 80.0 | 216.32 | -443.20 | 9.01 | -4153.78 | 1929.29 | -1.248e+04 |
| 439 | 420 | 5861.44 | 2566.81 | 1.11e-04 | -240.00 | 0.0 | -8.58 | -245.19 | 45.14 | -5305.21 | -1132.01 | 5861.44 |
| | | -1.037e+04 | -1132.01 | -2.42e-03 | 0.0 | 80.0 | -8.58 | -485.19 | 45.14 | -5305.21 | 2566.81 | -1.037e+04 |
| 439 | 433 | -1.428e+04 | 3966.13 | 5.76e-04 | -240.00 | 0.0 | 592.61 | -161.34 | 43.29 | -4127.06 | 662.75 | -1.428e+04 |
| | | -2.375e+04 | 662.75 | -1.76e-03 | 0.0 | 80.0 | 592.61 | -401.34 | 43.29 | -4127.06 | 3966.13 | -2.375e+04 |
| 439 | 434 | 1.513e+04 | 1753.58 | -1.34e-04 | -240.00 | 0.0 | -159.96 | -245.06 | -25.26 | -4180.50 | 1753.58 | 1.513e+04 |
| | | -1213.40 | -107.55 | -1.64e-03 | 0.0 | 80.0 | -159.96 | -485.06 | -25.26 | -4180.50 | -107.55 | -1213.40 |
| 439 | 436 | 1.507e+04 | 626.78 | -1.33e-04 | -240.00 | 0.0 | -214.28 | -260.80 | 0.91 | -4792.97 | 375.72 | 1.507e+04 |
| | | -2127.07 | 375.72 | -2.06e-03 | 0.0 | 80.0 | -214.28 | -500.80 | 0.91 | -4792.97 | 626.78 | -2127.07 |
| 439 | 439 | -1.420e+04 | 3231.80 | 5.75e-04 | -240.00 | 0.0 | 646.93 | -145.60 | 17.12 | -3514.59 | 2040.62 | -1.422e+04 |
| | | -2.284e+04 | 2040.62 | -1.33e-03 | 0.0 | 80.0 | 646.93 | -385.60 | 17.12 | -3514.59 | 3231.80 | -2.284e+04 |
| 439 | 448 | 2100.40 | 2379.40 | 2.02e-04 | -240.00 | 0.0 | 128.07 | -220.82 | 28.62 | -4733.44 | 25.87 | 2100.40 |
| | | -1.218e+04 | 25.87 | -2.04e-03 | 0.0 | 80.0 | 128.07 | -460.82 | 28.62 | -4733.44 | 2379.40 | -1.218e+04 |

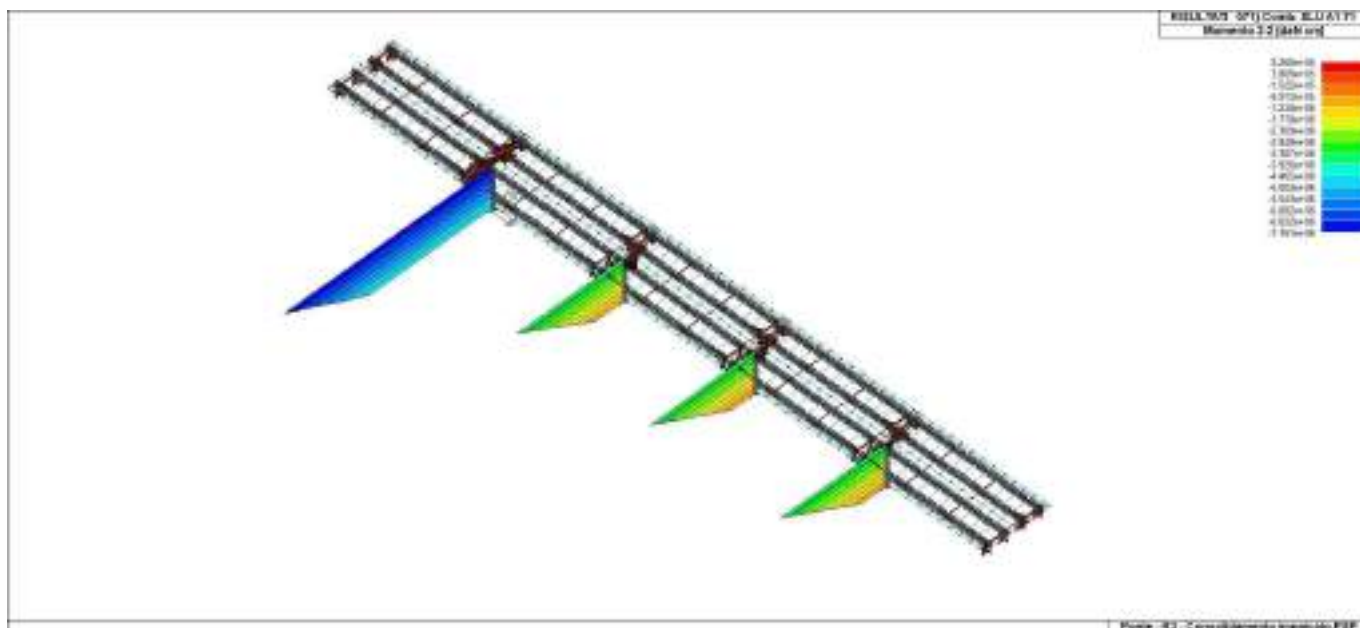
| | | | | | | | | | | | | |
|-----|-----|------------|-----------|-----------|---------|------|---------|----------|--------|----------|-----------|------------|
| 439 | 465 | -6875.07 | 2943.53 | 3.99e-04 | -240.00 | 0.0 | 402.94 | -182.43 | 26.10 | -4140.03 | 934.23 | -6875.07 |
| | | -1.808e+04 | 934.23 | -1.73e-03 | 0.0 | 80.0 | 402.94 | -422.43 | 26.10 | -4140.03 | 2943.53 | -1.808e+04 |
| 439 | 466 | 7723.35 | 1482.10 | 4.81e-05 | -240.00 | 0.0 | 29.71 | -223.97 | -8.07 | -4167.53 | 1482.10 | 7723.35 |
| | | -6884.25 | 915.05 | -1.67e-03 | 0.0 | 80.0 | 29.71 | -463.97 | -8.07 | -4167.53 | 915.05 | -6884.25 |
| 439 | 468 | 7696.34 | 1284.54 | 4.81e-05 | -240.00 | 0.0 | 2.30 | -231.82 | 5.05 | -4474.03 | 792.34 | 7696.34 |
| | | -7340.49 | 792.34 | -1.88e-03 | 0.0 | 80.0 | 2.30 | -471.82 | 5.05 | -4474.03 | 1284.54 | -7340.49 |
| 439 | 471 | -6848.06 | 2574.04 | 3.99e-04 | -240.00 | 0.0 | 430.35 | -174.58 | 12.98 | -3833.53 | 1623.99 | -6848.06 |
| | | -1.762e+04 | 1623.99 | -1.51e-03 | 0.0 | 80.0 | 430.35 | -414.58 | 12.98 | -3833.53 | 2574.04 | -1.762e+04 |
| 440 | 149 | 1.201e+05 | 8871.62 | 3.15e-03 | -324.00 | 0.0 | 4884.84 | -3962.66 | 141.11 | 354.59 | -2417.28 | 1.201e+05 |
| | | -1.193e+05 | -2417.28 | -2.59e-03 | 0.0 | 80.0 | 4884.84 | -4286.66 | 141.11 | 354.59 | 8871.62 | -1.193e+05 |
| 440 | 150 | 1.207e+05 | 7709.82 | 3.08e-03 | -240.00 | 0.0 | 4865.27 | -3875.76 | 132.17 | 1560.00 | -2863.61 | 1.207e+05 |
| | | -1.132e+05 | -2863.61 | -1.98e-03 | 0.0 | 80.0 | 4865.27 | -4115.76 | 132.17 | 1560.00 | 7709.82 | -1.132e+05 |
| 440 | 151 | 1.201e+05 | 8518.88 | 3.12e-03 | -324.00 | 0.0 | 4887.68 | -3942.53 | 136.70 | 260.26 | -2417.28 | 1.201e+05 |
| | | -1.166e+05 | -2417.28 | -2.59e-03 | 0.0 | 80.0 | 4887.68 | -4266.53 | 136.70 | 260.26 | 8518.88 | -1.166e+05 |
| 440 | 169 | 1.039e+04 | 1.901e+04 | 5.42e-04 | -324.00 | 0.0 | 509.39 | -2142.85 | 188.30 | 2605.58 | 3943.45 | 1.039e+04 |
| | | -9.487e+04 | 3943.45 | -3.17e-03 | 0.0 | 80.0 | 509.39 | -2466.85 | 188.30 | 2605.58 | 1.901e+04 | -9.487e+04 |
| 440 | 206 | 4875.77 | 9120.44 | 3.46e-04 | -240.00 | 0.0 | 243.67 | -552.59 | 95.59 | -2814.46 | 1473.30 | 4875.77 |
| | | -3.081e+04 | 1473.30 | -2.53e-03 | 0.0 | 80.0 | 243.67 | -792.59 | 95.59 | -2814.46 | 9120.44 | -3.081e+04 |
| 440 | 335 | 8.915e+04 | 6505.24 | 2.33e-03 | -240.00 | 0.0 | 3622.36 | -2934.07 | 103.73 | 263.75 | -1793.02 | 8.915e+04 |
| | | -8.781e+04 | -1793.02 | -1.92e-03 | 0.0 | 80.0 | 3622.36 | -3174.07 | 103.73 | 263.75 | 6505.24 | -8.781e+04 |
| 440 | 336 | 8.912e+04 | 6270.08 | 2.31e-03 | -240.00 | 0.0 | 3624.26 | -2920.65 | 100.79 | 200.87 | -1793.02 | 8.912e+04 |
| | | -8.599e+04 | -1793.02 | -1.92e-03 | 0.0 | 80.0 | 3624.26 | -3160.65 | 100.79 | 200.87 | 6270.08 | -8.599e+04 |
| 440 | 345 | 7848.20 | 1.401e+04 | 3.97e-04 | -240.00 | 0.0 | 381.29 | -1586.06 | 138.68 | 1931.15 | 2918.64 | 7848.20 |
| | | -6.970e+04 | 2918.64 | -2.34e-03 | 0.0 | 80.0 | 381.29 | -1826.06 | 138.68 | 1931.15 | 1.401e+04 | -6.970e+04 |
| 440 | 363 | 3362.30 | 7545.58 | 3.00e-04 | -240.00 | 0.0 | 199.40 | -471.92 | 76.58 | -2980.67 | 1419.49 | 3362.30 |
| | | -2.667e+04 | 1419.49 | -2.31e-03 | 0.0 | 80.0 | 199.40 | -711.92 | 76.58 | -2980.67 | 7545.58 | -2.667e+04 |
| 440 | 401 | 6.485e+04 | 2986.21 | 1.74e-03 | -240.00 | 0.0 | 2706.33 | -2052.54 | 52.13 | -1397.56 | -1184.15 | 6.485e+04 |
| | | -5.904e+04 | -1184.15 | -1.64e-03 | 0.0 | 80.0 | 2706.33 | -2292.54 | 52.13 | -1397.56 | 2986.21 | -5.904e+04 |
| 440 | 402 | 3878.83 | 8617.00 | 2.83e-04 | -240.00 | 0.0 | 275.53 | -1041.54 | 78.34 | -147.01 | 2349.59 | 3878.83 |
| | | -4.547e+04 | 2349.59 | -1.83e-03 | 0.0 | 80.0 | 275.53 | -1281.54 | 78.34 | -147.01 | 8617.00 | -4.547e+04 |
| 440 | 404 | 3994.98 | 7054.25 | 2.40e-04 | -240.00 | 0.0 | 195.21 | -456.85 | 70.48 | -3040.94 | 1416.10 | 3994.98 |
| | | -2.172e+04 | 1416.10 | -2.31e-03 | 0.0 | 80.0 | 195.21 | -696.85 | 70.48 | -3040.94 | 7054.25 | -2.172e+04 |
| 440 | 407 | 982.79 | 2755.94 | 2.29e-04 | -240.00 | 0.0 | 208.51 | -247.40 | 19.32 | -3289.98 | 1210.63 | 982.79 |
| | | -1.510e+04 | 1210.63 | -1.62e-03 | 0.0 | 80.0 | 208.51 | -487.40 | 19.32 | -3289.98 | 2755.94 | -1.510e+04 |
| 440 | 412 | 2844.76 | 3213.21 | 6.52e-05 | -240.00 | 0.0 | 80.57 | -242.45 | 38.45 | -3713.10 | 37.87 | 2844.76 |
| | | -1.416e+04 | 37.87 | -1.87e-03 | 0.0 | 80.0 | 80.57 | -482.45 | 38.45 | -3713.10 | 3213.21 | -1.416e+04 |
| 440 | 425 | -1.027e+04 | 4121.03 | 5.97e-04 | -240.00 | 0.0 | 517.81 | -186.02 | 41.03 | -4039.59 | 965.71 | -1.027e+04 |
| | | -2.290e+04 | 965.71 | -1.06e-03 | 0.0 | 80.0 | 517.81 | -426.02 | 41.03 | -4039.59 | 4121.03 | -2.290e+04 |
| 440 | 428 | 1.230e+04 | 1765.05 | -1.35e-04 | -240.00 | 0.0 | -132.30 | -309.43 | 10.50 | -2759.36 | 796.11 | 1.230e+04 |
| | | -7544.67 | 796.11 | -2.41e-03 | 0.0 | 80.0 | -132.30 | -549.43 | 10.50 | -2759.36 | 1765.05 | -7544.67 |
| 440 | 431 | -1.034e+04 | 3746.84 | 5.93e-04 | -240.00 | 0.0 | 549.31 | -185.38 | 28.14 | -3820.60 | 1625.15 | -1.034e+04 |
| | | -2.265e+04 | 1625.15 | -8.90e-04 | 0.0 | 80.0 | 549.31 | -425.38 | 28.14 | -3820.60 | 3746.84 | -2.265e+04 |
| 440 | 440 | 1699.50 | 2965.95 | 1.68e-04 | -240.00 | 0.0 | 152.41 | -243.29 | 28.32 | -3502.87 | 599.82 | 1699.50 |
| | | -1.472e+04 | 599.82 | -1.85e-03 | 0.0 | 80.0 | 152.41 | -483.29 | 28.32 | -3502.87 | 2965.95 | -1.472e+04 |
| 440 | 457 | -3418.51 | 3399.73 | 4.52e-04 | -240.00 | 0.0 | 321.94 | -229.53 | 31.02 | -3177.69 | 1249.35 | -3418.51 |
| | | -1.846e+04 | 1249.35 | -1.57e-03 | 0.0 | 80.0 | 321.94 | -469.53 | 31.02 | -3177.69 | 3399.73 | -1.846e+04 |
| 440 | 465 | -4115.39 | 3334.38 | 5.18e-04 | -240.00 | 0.0 | 348.20 | -223.93 | 29.08 | -3181.51 | 1166.66 | -4115.39 |
| | | -1.873e+04 | 1166.66 | -1.92e-03 | 0.0 | 80.0 | 348.20 | -463.93 | 29.08 | -3181.51 | 3334.38 | -1.873e+04 |
| 440 | 468 | 6113.85 | 2364.62 | -5.75e-05 | -240.00 | 0.0 | 52.89 | -271.20 | 15.99 | -3508.13 | 924.88 | 6113.85 |
| | | -1.159e+04 | 924.88 | -1.42e-03 | 0.0 | 80.0 | 52.89 | -511.20 | 15.99 | -3508.13 | 2364.62 | -1.159e+04 |
| 440 | 471 | -4148.28 | 3147.27 | 5.16e-04 | -240.00 | 0.0 | 364.13 | -223.61 | 22.64 | -3071.82 | 1496.38 | -4148.28 |
| | | -1.860e+04 | 1496.38 | -1.82e-03 | 0.0 | 80.0 | 364.13 | -463.61 | 22.64 | -3071.82 | 3147.27 | -1.860e+04 |
| 441 | 34 | 4737.02 | 7404.18 | 3.81e-04 | -240.00 | 0.0 | 352.94 | -577.48 | 74.76 | -2123.63 | 1423.23 | 4737.02 |
| | | -3.425e+04 | 1423.23 | -2.02e-03 | 0.0 | 80.0 | 352.94 | -817.48 | 74.76 | -2123.63 | 7404.18 | -3.425e+04 |
| 441 | 209 | 1.419e+04 | 1.510e+04 | 6.53e-04 | -324.00 | 0.0 | 1049.27 | -2267.29 | 132.68 | 2298.00 | 4486.03 | 1.419e+04 |
| | | -9.394e+04 | 4486.03 | -2.82e-03 | 0.0 | 80.0 | 1049.27 | -2591.29 | 132.68 | 2298.00 | 1.510e+04 | -9.394e+04 |
| 441 | 210 | 1.474e+04 | 1.393e+04 | 5.89e-04 | -240.00 | 0.0 | 1029.67 | -2180.32 | 123.62 | 3504.03 | 4039.46 | 1.474e+04 |
| | | -8.786e+04 | 4039.46 | -2.28e-03 | 0.0 | 80.0 | 1029.67 | -2420.32 | 123.62 | 3504.03 | 1.393e+04 | -8.786e+04 |
| 441 | 211 | 1.415e+04 | 1.474e+04 | 6.27e-04 | -324.00 | 0.0 | 1052.19 | -2246.69 | 128.14 | 2198.76 | 4486.03 | 1.415e+04 |
| | | -9.115e+04 | 4486.03 | -2.80e-03 | 0.0 | 80.0 | 1052.19 | -2570.69 | 128.14 | 2198.76 | 1.474e+04 | -9.115e+04 |
| 441 | 229 | 1.043e+04 | 1.981e+04 | 4.97e-04 | -324.00 | 0.0 | 362.92 | -1862.74 | 205.30 | 1347.27 | 3384.73 | 1.043e+04 |
| | | -8.446e+04 | 3384.73 | -3.50e-03 | 0.0 | 80.0 | 362.92 | -2186.74 | 205.30 | 1347.27 | 1.981e+04 | -8.446e+04 |
| 441 | 246 | 4870.13 | 1.005e+04 | 3.43e-04 | -240.00 | 0.0 | 207.19 | -553.34 | 107.01 | -2969.67 | 1491.91 | 4870.13 |
| | | -3.129e+04 | 1491.91 | -2.71e-03 | 0.0 | 80.0 | 207.19 | -793.34 | 107.01 | -2969.67 | 1.005e+04 | -3.129e+04 |
| 441 | 277 | 3272.84 | 6253.91 | 3.25e-04 | -240.00 | 0.0 | 280.02 | -490.72 | 60.90 | -2462.68 | 1382.15 | 3272.84 |
| | | -2.918e+04 | 1382.15 | -1.93e-03 | 0.0 | 80.0 | 280.02 | -730.72 | 60.90 | -2462.68 | 6253.91 | -2.918e+04 |
| 441 | 365 | 1.066e+04 | 1.110e+04 | 4.79e-04 | -240.00 | 0.0 | 781.74 | -1678.17 | 97.21 | 1706.35 | 3320.08 | 1.066e+04 |
| | | -6.899e+04 | 3320.08 | -2.08e-03 | 0.0 | 80.0 | 781.74 | -1918.17 | 97.21 | 1706.35 | 1.110e+04 | -6.899e+04 |
| 441 | 366 | 1.064e+04 | 1.085e+04 | 4.61e-04 | -240.00 | 0.0 | 783.68 | -1664.43 | 94.18 | 1640.19 | 3320.08 | 1.064e+04 |
| | | -6.714e+04 | 3320.08 | -2.06e-03 | 0.0 | 80.0 | 783.68 | -1904.43 | 94.18 | 1640.19 | 1.085e+04 | -6.714e+04 |
| 441 | 375 | 7884.01 | 1.458e+04 | 3.63e-04 | -240.00 | 0.0 | 273.33 | -1378.50 | 151.00 | 1002.11 | 2504.31 | 7884.01 |
| | | -6.198e+04 | 2504.31 | -2.59e-03 | 0.0 | 80.0 | 273.33 | -1618.50 | 151.00 | 1002.11 | 1.458e+04 | -6.198e+04 |
| 441 | 383 | 3358.77 | 8221.57 | 2.98e-04 | -240.00 | 0.0 | 172.89 | -472.45 | 84.86 | -3093.39 | 1433.02 | 3358.77 |
| | | -2.701e+04 | 1433.02 | -2.44e-03 | 0.0 | 80.0 | 172.89 | -712.45 | 84.86 | -3093.39 | 8221.57 | -2.701e+04 |
| 441 | 393 | 460.60 | 3096.85 | 2.76e-04 | -240.00 | 0.0 | 222.05 | -252.45 | 23.57 | -3282.00 | 1211.26 | 460.60 |
| | | -1.844e+04 | 1211.26 | -1.62e-03 | 0.0 | 80.0 | 222.05 | -492.45 | 23.57 | -3282.00 | 3096.85 | -1.844e+04 |
| 441 | 404 | 5997.34 | 6291.96 | 3.49e-04 | -240.00 | 0.0 | 579.29 | -1110.35 | 45.55 | -294.46 | 2647.78 | 5997.34 |

| | | | | | | | | | | | | |
|-----|-----|------------|-----------|-----------|---------|------|---------|----------|--------|----------|-----------|------------|
| | | -4.482e+04 | 2647.78 | -1.62e-03 | 0.0 | 80.0 | 579.29 | -1350.35 | 45.55 | -294.46 | 6291.96 | -4.482e+04 |
| 441 | 405 | 3911.75 | 8907.91 | 2.59e-04 | -240.00 | 0.0 | 197.98 | -885.60 | 85.90 | -822.64 | 2035.94 | 3911.75 |
| | | -3.956e+04 | 2035.94 | -2.00e-03 | 0.0 | 80.0 | 197.98 | -1125.60 | 85.90 | -822.64 | 8907.91 | -3.956e+04 |
| 441 | 406 | 3998.84 | 7535.18 | 2.38e-04 | -240.00 | 0.0 | 173.30 | -456.66 | 76.37 | -3128.72 | 1425.65 | 3998.84 |
| | | -2.186e+04 | 1425.65 | -2.40e-03 | 0.0 | 80.0 | 173.30 | -696.66 | 76.37 | -3128.72 | 7535.18 | -2.186e+04 |
| 441 | 407 | 982.00 | 2781.70 | 2.28e-04 | -240.00 | 0.0 | 208.61 | -247.60 | 19.63 | -3291.58 | 1211.27 | 982.00 |
| | | -1.512e+04 | 1211.27 | -1.62e-03 | 0.0 | 80.0 | 208.61 | -487.60 | 19.63 | -3291.58 | 2781.70 | -1.512e+04 |
| 441 | 424 | 2.683e+04 | 1143.20 | -2.77e-04 | -240.00 | 0.0 | -606.48 | -375.04 | -30.44 | -5240.98 | 1143.20 | 2.683e+04 |
| | | 4654.78 | -1119.70 | -3.20e-03 | 0.0 | 80.0 | -606.48 | -615.04 | -30.44 | -5240.98 | -1119.70 | 4654.78 |
| 441 | 427 | -2.487e+04 | 6683.10 | 7.32e-04 | -240.00 | 0.0 | 1023.70 | -120.15 | 69.70 | -1342.18 | 1279.33 | -2.487e+04 |
| | | -3.489e+04 | 1279.33 | -5.03e-04 | 0.0 | 80.0 | 1023.70 | -360.15 | 69.70 | -1342.18 | 6683.10 | -3.489e+04 |
| 441 | 428 | 2.763e+04 | 1143.48 | -2.77e-04 | -240.00 | 0.0 | -604.10 | -374.70 | -30.85 | -5258.80 | 1143.48 | 2.763e+04 |
| | | 5221.72 | -1133.18 | -3.16e-03 | 0.0 | 80.0 | -604.10 | -614.70 | -30.85 | -5258.80 | -1133.18 | 5221.72 |
| 441 | 431 | -2.566e+04 | 6696.58 | 7.30e-04 | -240.00 | 0.0 | 1021.32 | -120.50 | 70.11 | -1324.35 | 1279.05 | -2.566e+04 |
| | | -3.545e+04 | 1279.05 | -5.26e-04 | 0.0 | 80.0 | 1021.32 | -360.50 | 70.11 | -1324.35 | 6696.58 | -3.545e+04 |
| 441 | 450 | 2251.88 | 2798.98 | 1.43e-04 | -240.00 | 0.0 | 159.17 | -268.38 | 23.18 | -3584.84 | 888.36 | 2251.88 |
| | | -1.429e+04 | 888.36 | -1.80e-03 | 0.0 | 80.0 | 159.17 | -508.38 | 23.18 | -3584.84 | 2798.98 | -1.429e+04 |
| 441 | 456 | 7597.55 | 2064.09 | -3.60e-05 | -240.00 | 0.0 | 5.09 | -273.10 | 9.64 | -3373.30 | 1170.70 | 7597.55 |
| | | -1.059e+04 | 1170.70 | -1.76e-03 | 0.0 | 80.0 | 5.09 | -513.10 | 9.64 | -3373.30 | 2064.09 | -1.059e+04 |
| 441 | 459 | -6032.56 | 3499.32 | 4.85e-04 | -240.00 | 0.0 | 412.13 | -222.09 | 29.63 | -3209.86 | 1251.83 | -6032.56 |
| | | -1.964e+04 | 1251.83 | -1.49e-03 | 0.0 | 80.0 | 412.13 | -462.09 | 29.63 | -3209.86 | 3499.32 | -1.964e+04 |
| 441 | 460 | 7996.85 | 2057.44 | -3.70e-05 | -240.00 | 0.0 | 6.25 | -272.94 | 9.43 | -3382.16 | 1170.84 | 7996.85 |
| | | -1.031e+04 | 1170.84 | -1.74e-03 | 0.0 | 80.0 | 6.25 | -512.94 | 9.43 | -3382.16 | 2057.44 | -1.031e+04 |
| 441 | 463 | -6032.86 | 3505.96 | 4.84e-04 | -240.00 | 0.0 | 410.97 | -222.26 | 29.83 | -3201.00 | 1251.69 | -6032.86 |
| | | -1.993e+04 | 1251.69 | -1.51e-03 | 0.0 | 80.0 | 410.97 | -462.26 | 29.83 | -3201.00 | 3505.96 | -1.993e+04 |
| 442 | 1 | 1.037e+04 | 2.088e+04 | 4.70e-04 | -324.00 | 0.0 | 291.37 | -1823.48 | 218.24 | 627.82 | 3422.64 | 1.037e+04 |
| | | -8.016e+04 | 3422.64 | -3.91e-03 | 0.0 | 80.0 | 291.37 | -2147.48 | 218.24 | 627.82 | 2.088e+04 | -8.016e+04 |
| 442 | 10 | 4726.03 | 1.276e+04 | 3.51e-04 | -240.00 | 0.0 | 183.43 | -1101.99 | 130.26 | -407.12 | 2343.96 | 4726.03 |
| | | -5.169e+04 | 2343.96 | -2.55e-03 | 0.0 | 80.0 | 183.43 | -1341.99 | 130.26 | -407.12 | 1.276e+04 | -5.169e+04 |
| 442 | 34 | 4768.30 | 7632.66 | 3.76e-04 | -240.00 | 0.0 | 341.06 | -575.22 | 77.55 | -2183.18 | 1428.75 | 4768.30 |
| | | -3.373e+04 | 1428.75 | -2.11e-03 | 0.0 | 80.0 | 341.06 | -815.22 | 77.55 | -2183.18 | 7632.66 | -3.373e+04 |
| 442 | 249 | 1.414e+04 | 1.626e+04 | 6.33e-04 | -324.00 | 0.0 | 981.70 | -2238.18 | 146.72 | 1702.25 | 4521.00 | 1.414e+04 |
| | | -9.095e+04 | 4521.00 | -3.18e-03 | 0.0 | 80.0 | 981.70 | -2562.18 | 146.72 | 1702.25 | 1.626e+04 | -9.095e+04 |
| 442 | 250 | 1.469e+04 | 1.508e+04 | 5.69e-04 | -240.00 | 0.0 | 961.94 | -2151.23 | 137.59 | 2908.75 | 4074.55 | 1.469e+04 |
| | | -8.487e+04 | 4074.55 | -2.64e-03 | 0.0 | 80.0 | 961.94 | -2391.23 | 137.59 | 2908.75 | 1.508e+04 | -8.487e+04 |
| 442 | 251 | 1.408e+04 | 1.591e+04 | 6.09e-04 | -324.00 | 0.0 | 984.92 | -2217.81 | 142.40 | 1600.80 | 4521.00 | 1.408e+04 |
| | | -8.834e+04 | 4521.00 | -3.16e-03 | 0.0 | 80.0 | 984.92 | -2541.81 | 142.40 | 1600.80 | 1.591e+04 | -8.834e+04 |
| 442 | 261 | 7747.01 | 1.524e+04 | 3.34e-04 | -240.00 | 0.0 | 214.63 | -1342.59 | 158.89 | 443.37 | 2533.55 | 7747.01 |
| | | -5.806e+04 | 2533.55 | -2.87e-03 | 0.0 | 80.0 | 214.63 | -1582.59 | 158.89 | 443.37 | 1.524e+04 | -5.806e+04 |
| 442 | 269 | 3188.90 | 1.015e+04 | 2.88e-04 | -240.00 | 0.0 | 153.37 | -868.34 | 101.06 | -1267.90 | 2068.71 | 3188.90 |
| | | -4.084e+04 | 2068.71 | -2.31e-03 | 0.0 | 80.0 | 153.37 | -1108.34 | 101.06 | -1267.90 | 1.015e+04 | -4.084e+04 |
| 442 | 277 | 3294.81 | 6407.69 | 3.22e-04 | -240.00 | 0.0 | 272.23 | -489.13 | 62.78 | -2502.84 | 1385.61 | 3294.81 |
| | | -2.883e+04 | 1385.61 | -1.99e-03 | 0.0 | 80.0 | 272.23 | -729.13 | 62.78 | -2502.84 | 6407.69 | -2.883e+04 |
| 442 | 385 | 1.062e+04 | 1.193e+04 | 4.64e-04 | -240.00 | 0.0 | 732.56 | -1656.69 | 107.36 | 1269.50 | 3345.45 | 1.062e+04 |
| | | -6.681e+04 | 3345.45 | -2.34e-03 | 0.0 | 80.0 | 732.56 | -1896.69 | 107.36 | 1269.50 | 1.193e+04 | -6.681e+04 |
| 442 | 386 | 1.059e+04 | 1.170e+04 | 4.48e-04 | -240.00 | 0.0 | 734.70 | -1643.12 | 104.48 | 1201.86 | 3345.45 | 1.059e+04 |
| | | -6.507e+04 | 3345.45 | -2.33e-03 | 0.0 | 80.0 | 734.70 | -1883.12 | 104.48 | 1201.86 | 1.170e+04 | -6.507e+04 |
| 442 | 393 | 485.47 | 3083.43 | 2.74e-04 | -240.00 | 0.0 | 221.88 | -252.09 | 23.41 | -3278.32 | 1210.93 | 485.47 |
| | | -1.816e+04 | 1210.93 | -1.64e-03 | 0.0 | 80.0 | 221.88 | -492.09 | 23.41 | -3278.32 | 3083.43 | -1.816e+04 |
| 442 | 394 | 3871.95 | 9361.41 | 2.47e-04 | -240.00 | 0.0 | 164.29 | -865.01 | 91.35 | -1183.97 | 2053.09 | 3871.95 |
| | | -3.737e+04 | 2053.09 | -2.19e-03 | 0.0 | 80.0 | 164.29 | -1105.01 | 91.35 | -1183.97 | 9361.41 | -3.737e+04 |
| 442 | 406 | 5965.40 | 6792.98 | 3.40e-04 | -240.00 | 0.0 | 547.80 | -1095.39 | 51.62 | -587.07 | 2663.29 | 5965.40 |
| | | -4.336e+04 | 2663.29 | -1.78e-03 | 0.0 | 80.0 | 547.80 | -1335.39 | 51.62 | -587.07 | 6792.98 | -4.336e+04 |
| 442 | 407 | 986.06 | 2796.39 | 2.28e-04 | -240.00 | 0.0 | 208.98 | -247.52 | 19.82 | -3292.80 | 1210.94 | 986.06 |
| | | -1.512e+04 | 1210.94 | -1.63e-03 | 0.0 | 80.0 | 208.98 | -487.52 | 19.82 | -3292.80 | 2796.39 | -1.512e+04 |
| 442 | 422 | 1641.52 | 3567.24 | 8.23e-05 | -240.00 | 0.0 | 88.23 | -294.27 | 53.12 | -4464.85 | -801.91 | 1641.52 |
| | | -1.496e+04 | -801.91 | -2.06e-03 | 0.0 | 80.0 | 88.23 | -534.27 | 53.12 | -4464.85 | 3567.24 | -1.496e+04 |
| 442 | 425 | -9641.68 | 3989.33 | 6.90e-04 | -240.00 | 0.0 | 537.97 | -201.77 | 27.46 | -3481.82 | 1848.53 | -9641.68 |
| | | -2.358e+04 | 1848.53 | -2.75e-03 | 0.0 | 80.0 | 537.97 | -441.77 | 27.46 | -3481.82 | 3989.33 | -2.358e+04 |
| 442 | 426 | 1.161e+04 | 1603.45 | -2.35e-04 | -240.00 | 0.0 | -120.00 | -293.26 | 12.17 | -3103.79 | 573.34 | 1.161e+04 |
| | | -6664.97 | 573.34 | -5.02e-04 | 0.0 | 80.0 | -120.00 | -533.26 | 12.17 | -3103.79 | 1603.45 | -6664.97 |
| 442 | 428 | 1.269e+04 | 1751.83 | -2.21e-04 | -240.00 | 0.0 | -87.47 | -269.24 | -10.50 | -2442.32 | 1751.83 | 1.269e+04 |
| | | -5564.47 | 932.09 | -2.24e-04 | 0.0 | 80.0 | -87.47 | -509.24 | -10.50 | -2442.32 | 932.09 | -5564.47 |
| 442 | 431 | -1.072e+04 | 4660.70 | 6.77e-04 | -240.00 | 0.0 | 505.43 | -225.80 | 50.14 | -4143.28 | 670.04 | -1.072e+04 |
| | | -2.468e+04 | 670.04 | -3.13e-03 | 0.0 | 80.0 | 505.43 | -465.80 | 50.14 | -4143.28 | 4660.70 | -2.468e+04 |
| 442 | 450 | 1468.45 | 3194.10 | 1.37e-04 | -240.00 | 0.0 | 141.18 | -272.40 | 36.62 | -3881.73 | 183.41 | 1468.45 |
| | | -1.498e+04 | 183.41 | -1.74e-03 | 0.0 | 80.0 | 141.18 | -512.40 | 36.62 | -3881.73 | 3194.10 | -1.498e+04 |
| 442 | 457 | -3434.29 | 3197.67 | 4.82e-04 | -240.00 | 0.0 | 356.22 | -227.40 | 21.86 | -2981.52 | 1640.12 | -3434.29 |
| | | -1.854e+04 | 1640.12 | -2.24e-03 | 0.0 | 80.0 | 356.22 | -467.40 | 21.86 | -2981.52 | 3197.67 | -1.854e+04 |
| 442 | 458 | 5406.42 | 2395.11 | -2.74e-05 | -240.00 | 0.0 | 61.74 | -267.63 | 17.78 | -3604.08 | 781.75 | 5406.42 |
| | | -1.171e+04 | 781.75 | -1.01e-03 | 0.0 | 80.0 | 61.74 | -507.63 | 17.78 | -3604.08 | 2395.11 | -1.171e+04 |
| 442 | 460 | 5955.06 | 2054.39 | -2.62e-05 | -240.00 | 0.0 | 78.13 | -255.42 | 6.34 | -3272.28 | 1374.15 | 5955.06 |
| | | -1.115e+04 | 1374.15 | -8.27e-04 | 0.0 | 80.0 | 78.13 | -495.42 | 6.34 | -3272.28 | 2054.39 | -1.115e+04 |
| 442 | 463 | -3982.94 | 3538.40 | 4.75e-04 | -240.00 | 0.0 | 339.84 | -239.61 | 33.30 | -3313.33 | 1047.72 | -3982.94 |
| | | -1.909e+04 | 1047.72 | -2.42e-03 | 0.0 | 80.0 | 339.84 | -479.61 | 33.30 | -3313.33 | 3538.40 | -1.909e+04 |
| 442 | 471 | -3360.84 | 3545.92 | 4.15e-04 | -240.00 | 0.0 | 314.50 | -243.64 | 33.19 | -3318.51 | 993.62 | -3360.84 |
| | | -1.884e+04 | 993.62 | -2.10e-03 | 0.0 | 80.0 | 314.50 | -483.64 | 33.19 | -3318.51 | 3545.92 | -1.884e+04 |

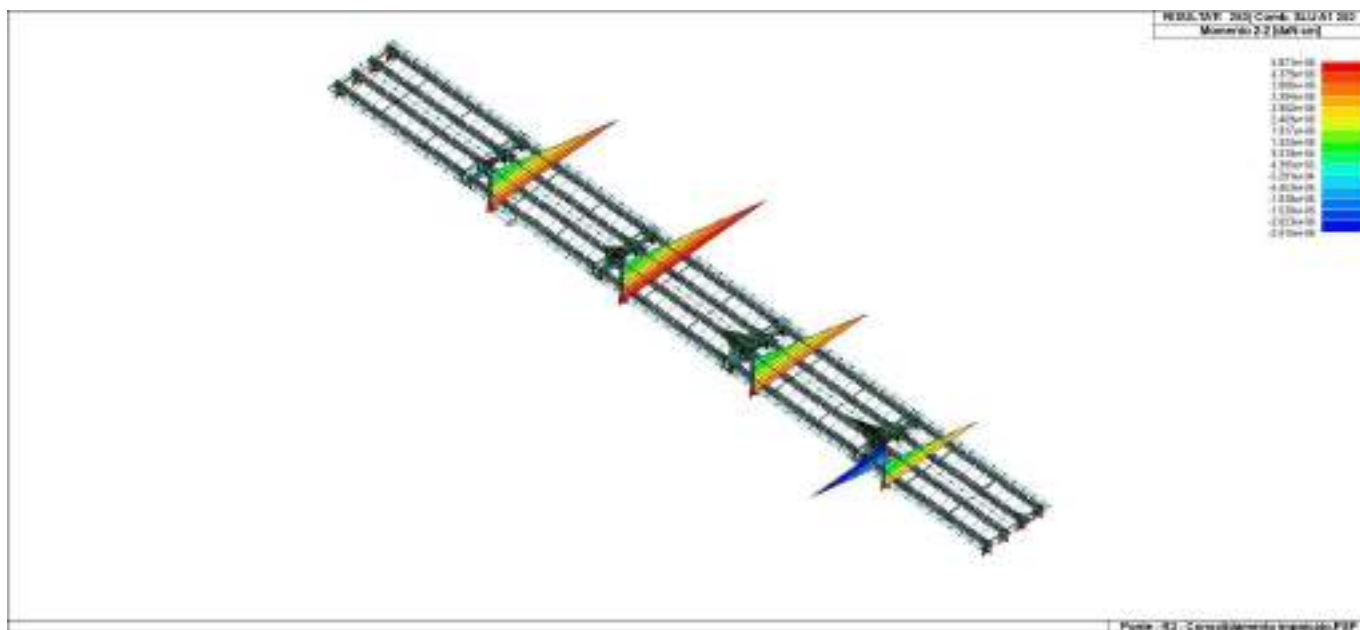
| | | | | | | | | | | | | |
|-----|-----|------------|------------|-----------|---------|------|---------|----------|---------|-----------|------------|------------|
| 443 | 1 | 1.599e+04 | -3959.13 | 8.30e-04 | -324.00 | 0.0 | 1118.36 | -2226.16 | -173.96 | -2035.50 | -3959.13 | 1.599e+04 |
| | | -8.652e+04 | -1.788e+04 | 3.56e-03 | 0.0 | 80.0 | 1118.36 | -2550.16 | -173.96 | -2035.50 | -1.788e+04 | -8.652e+04 |
| 443 | 2 | 1.628e+04 | -3577.64 | 7.51e-04 | -240.00 | 0.0 | 1082.40 | -2129.16 | -161.37 | -3098.04 | -3577.64 | 1.628e+04 |
| | | -8.131e+04 | -1.649e+04 | 3.02e-03 | 0.0 | 80.0 | 1082.40 | -2369.16 | -161.37 | -3098.04 | -1.649e+04 | -8.131e+04 |
| 443 | 3 | 1.593e+04 | -3959.13 | 8.30e-04 | -324.00 | 0.0 | 1121.46 | -2208.31 | -169.69 | -1962.93 | -3959.13 | 1.593e+04 |
| | | -8.387e+04 | -1.753e+04 | 3.54e-03 | 0.0 | 80.0 | 1121.46 | -2532.31 | -169.69 | -1962.93 | -1.753e+04 | -8.387e+04 |
| 443 | 34 | 5481.93 | -1215.25 | 3.63e-04 | -240.00 | 0.0 | 391.61 | -598.55 | -89.22 | 1783.45 | -1215.25 | 5481.93 |
| | | -3.098e+04 | -8352.88 | 1.98e-03 | 0.0 | 80.0 | 391.61 | -838.55 | -89.22 | 1783.45 | -8352.88 | -3.098e+04 |
| 443 | 246 | 5229.36 | -2043.01 | 3.98e-04 | -240.00 | 0.0 | 319.85 | -1114.14 | -144.95 | -5.45 | -2043.01 | 5229.36 |
| | | -5.084e+04 | -1.364e+04 | 2.63e-03 | 0.0 | 80.0 | 319.85 | -1354.14 | -144.95 | -5.45 | -1.364e+04 | -5.084e+04 |
| 443 | 249 | 1.146e+04 | -2961.87 | 6.33e-04 | -324.00 | 0.0 | 485.93 | -1845.92 | -240.96 | -1365.16 | -2961.87 | 1.146e+04 |
| | | -7.779e+04 | -2.224e+04 | 4.01e-03 | 0.0 | 80.0 | 485.93 | -2169.92 | -240.96 | -1365.16 | -2.224e+04 | -7.779e+04 |
| 443 | 261 | 1.192e+04 | -2930.95 | 6.15e-04 | -240.00 | 0.0 | 827.17 | -1642.05 | -126.09 | -1500.59 | -2930.95 | 1.192e+04 |
| | | -6.276e+04 | -1.302e+04 | 2.61e-03 | 0.0 | 80.0 | 827.17 | -1882.05 | -126.09 | -1500.59 | -1.302e+04 | -6.276e+04 |
| 443 | 277 | 4017.69 | -1179.91 | 3.29e-04 | -240.00 | 0.0 | 321.36 | -514.29 | -73.96 | 2093.41 | -1179.91 | 4017.69 |
| | | -2.615e+04 | -7096.78 | 1.87e-03 | 0.0 | 80.0 | 321.36 | -754.29 | -73.96 | 2093.41 | -7096.78 | -2.615e+04 |
| 443 | 383 | 3816.54 | -1794.50 | 3.55e-04 | -240.00 | 0.0 | 269.16 | -896.76 | -115.35 | 768.31 | -1794.50 | 3816.54 |
| | | -4.092e+04 | -1.102e+04 | 2.33e-03 | 0.0 | 80.0 | 269.16 | -1136.76 | -115.35 | 768.31 | -1.102e+04 | -4.092e+04 |
| 443 | 385 | 8642.85 | -2191.10 | 4.72e-04 | -240.00 | 0.0 | 365.04 | -1366.46 | -177.14 | -1024.86 | -2191.10 | 8642.85 |
| | | -5.706e+04 | -1.636e+04 | 2.96e-03 | 0.0 | 80.0 | 365.04 | -1606.46 | -177.14 | -1024.86 | -1.636e+04 | -5.706e+04 |
| 443 | 392 | 1484.68 | -1047.76 | 2.59e-04 | -240.00 | 0.0 | 243.87 | -274.85 | -33.92 | 2972.54 | -1047.76 | 1484.68 |
| | | -1.304e+04 | -3761.43 | 1.60e-03 | 0.0 | 80.0 | 243.87 | -514.85 | -33.92 | 2972.54 | -3761.43 | -1.304e+04 |
| 443 | 393 | 1059.20 | -1038.96 | 2.61e-04 | -240.00 | 0.0 | 263.98 | -276.72 | -32.71 | 2940.23 | -1038.96 | 1059.20 |
| | | -1.615e+04 | -3655.99 | 1.53e-03 | 0.0 | 80.0 | 263.98 | -516.72 | -32.71 | 2940.23 | -3655.99 | -1.615e+04 |
| 443 | 394 | 6992.08 | -2337.85 | 4.68e-04 | -240.00 | 0.0 | 627.30 | -1096.85 | -67.53 | 336.52 | -2337.85 | 6992.08 |
| | | -4.084e+04 | -7740.12 | 2.00e-03 | 0.0 | 80.0 | 627.30 | -1336.85 | -67.53 | 336.52 | -7740.12 | -4.084e+04 |
| 443 | 406 | 4475.84 | -1783.82 | 3.58e-04 | -240.00 | 0.0 | 275.95 | -885.61 | -104.75 | 708.93 | -1783.82 | 4475.84 |
| | | -3.598e+04 | -1.016e+04 | 2.24e-03 | 0.0 | 80.0 | 275.95 | -1125.61 | -104.75 | 708.93 | -1.016e+04 | -3.598e+04 |
| 443 | 407 | 1566.94 | -1038.96 | 2.61e-04 | -240.00 | 0.0 | 250.32 | -275.06 | -29.20 | 2903.72 | -1038.96 | 1566.94 |
| | | -1.295e+04 | -3374.97 | 1.53e-03 | 0.0 | 80.0 | 250.32 | -515.06 | -29.20 | 2903.72 | -3374.97 | -1.295e+04 |
| 443 | 411 | -3503.10 | 1593.77 | 2.19e-04 | -240.00 | 0.0 | 257.35 | -302.88 | -84.20 | 4388.28 | 1593.77 | -3503.10 |
| | | -1.706e+04 | -5145.31 | 2.50e-03 | 0.0 | 80.0 | 257.35 | -542.88 | -84.20 | 4388.28 | -5145.31 | -1.706e+04 |
| 443 | 414 | 1143.47 | 1695.01 | 2.13e-04 | -240.00 | 0.0 | 115.18 | -325.37 | -80.09 | 3937.36 | 1695.01 | 1143.47 |
| | | -1.387e+04 | -4823.20 | 2.56e-03 | 0.0 | 80.0 | 115.18 | -565.37 | -80.09 | 3937.36 | -4823.20 | -1.387e+04 |
| 443 | 427 | -8800.13 | -334.85 | 2.54e-04 | -240.00 | 0.0 | 517.33 | -240.24 | -54.08 | 4124.12 | -334.85 | -8800.13 |
| | | -2.021e+04 | -4576.51 | 1.77e-03 | 0.0 | 80.0 | 517.33 | -480.24 | -54.08 | 4124.12 | -4576.51 | -2.021e+04 |
| 443 | 428 | 1.195e+04 | -1742.76 | 2.68e-04 | -240.00 | 0.0 | -13.03 | -309.26 | -4.68 | 1681.68 | -1742.76 | 1.195e+04 |
| | | -5803.01 | -2201.37 | 1.28e-03 | 0.0 | 80.0 | -13.03 | -549.26 | -4.68 | 1681.68 | -2201.37 | -5803.01 |
| 443 | 429 | -7494.25 | -1931.14 | 2.79e-04 | -240.00 | 0.0 | 569.17 | -214.39 | -23.09 | 3385.04 | -1931.14 | -7494.25 |
| | | -1.905e+04 | -3674.87 | 1.18e-03 | 0.0 | 80.0 | 569.17 | -454.39 | -23.09 | 3385.04 | -3674.87 | -1.905e+04 |
| 443 | 430 | 1.063e+04 | -146.78 | 2.42e-04 | -240.00 | 0.0 | -68.53 | -335.74 | -35.31 | 2422.40 | -146.78 | 1.063e+04 |
| | | -6852.38 | -3075.08 | 1.88e-03 | 0.0 | 80.0 | -68.53 | -575.74 | -35.31 | 2422.40 | -3075.08 | -6852.38 |
| 443 | 442 | 1958.90 | 352.38 | 2.36e-04 | -240.00 | 0.0 | 166.92 | -303.40 | -54.08 | 3398.93 | 352.38 | 1958.90 |
| | | -1.301e+04 | -4077.23 | 2.05e-03 | 0.0 | 80.0 | 166.92 | -543.40 | -54.08 | 3398.93 | -4077.23 | -1.301e+04 |
| 443 | 443 | -1027.20 | 236.80 | 2.42e-04 | -240.00 | 0.0 | 252.60 | -289.41 | -56.78 | 3638.11 | 236.80 | -1027.20 |
| | | -1.501e+04 | -4233.64 | 2.00e-03 | 0.0 | 80.0 | 252.60 | -529.41 | -56.78 | 3638.11 | -4233.64 | -1.501e+04 |
| 443 | 459 | -3740.21 | -831.52 | 2.64e-04 | -240.00 | 0.0 | 380.96 | -258.14 | -41.56 | 3486.81 | -831.52 | -3740.21 |
| | | -1.660e+04 | -3869.80 | 1.60e-03 | 0.0 | 80.0 | 380.96 | -498.14 | -41.56 | 3486.81 | -3869.80 | -1.660e+04 |
| 443 | 460 | 6880.22 | -1246.25 | 2.58e-04 | -240.00 | 0.0 | 121.49 | -291.67 | -17.02 | 2319.89 | -1246.25 | 6880.22 |
| | | -9357.49 | -2894.12 | 1.46e-03 | 0.0 | 80.0 | 121.49 | -531.67 | -17.02 | 2319.89 | -2894.12 | -9357.49 |
| 443 | 461 | -3073.43 | -1631.50 | 2.77e-04 | -240.00 | 0.0 | 407.12 | -245.03 | -26.01 | 3117.18 | -1631.50 | -3073.43 |
| | | -1.602e+04 | -3415.50 | 1.30e-03 | 0.0 | 80.0 | 407.12 | -485.03 | -26.01 | 3117.18 | -3415.50 | -1.602e+04 |
| 443 | 462 | 6207.31 | -446.42 | 2.44e-04 | -240.00 | 0.0 | 93.53 | -305.10 | -32.39 | 2690.25 | -446.42 | 6207.31 |
| | | -9883.99 | -3334.45 | 1.75e-03 | 0.0 | 80.0 | 93.53 | -545.10 | -32.39 | 2690.25 | -3334.45 | -9883.99 |
| 444 | 29 | 2.359e+05 | 3.847e+04 | 6.18e-03 | -324.00 | 0.0 | 8338.32 | -7035.63 | 644.83 | 1.070e+04 | -1.311e+04 | 2.359e+05 |
| | | -1.884e+05 | -1.311e+04 | -3.53e-03 | 0.0 | 80.0 | 8338.32 | -7359.63 | 644.83 | 1.070e+04 | 3.847e+04 | -1.884e+05 |
| 444 | 30 | 2.362e+05 | 3.687e+04 | 6.11e-03 | -240.00 | 0.0 | 8305.99 | -6938.88 | 629.71 | 1.177e+04 | -1.351e+04 | 2.362e+05 |
| | | -1.831e+05 | -1.351e+04 | -2.98e-03 | 0.0 | 80.0 | 8305.99 | -7178.88 | 629.71 | 1.177e+04 | 3.687e+04 | -1.831e+05 |
| 444 | 31 | 2.358e+05 | 3.813e+04 | 6.18e-03 | -324.00 | 0.0 | 8342.12 | -7016.99 | 640.54 | 1.063e+04 | -1.311e+04 | 2.358e+05 |
| | | -1.856e+05 | -1.311e+04 | -3.52e-03 | 0.0 | 80.0 | 8342.12 | -7340.99 | 640.54 | 1.063e+04 | 3.813e+04 | -1.856e+05 |
| 444 | 32 | 2.361e+05 | 3.653e+04 | 6.11e-03 | -240.00 | 0.0 | 8309.80 | -6920.24 | 625.42 | 1.170e+04 | -1.351e+04 | 2.361e+05 |
| | | -1.803e+05 | -1.351e+04 | -2.97e-03 | 0.0 | 80.0 | 8309.80 | -7160.24 | 625.42 | 1.170e+04 | 3.653e+04 | -1.803e+05 |
| 444 | 106 | 4794.90 | 1.086e+04 | 3.47e-04 | -240.00 | 0.0 | 323.89 | -574.03 | 119.55 | -2531.21 | 1297.90 | 4794.90 |
| | | -2.813e+04 | 1297.90 | -2.57e-03 | 0.0 | 80.0 | 323.89 | -814.03 | 119.55 | -2531.21 | 1.086e+04 | -2.813e+04 |
| 444 | 275 | 1.748e+05 | 2.848e+04 | 4.58e-03 | -240.00 | 0.0 | 6180.25 | -5210.57 | 477.41 | 7922.12 | -9715.47 | 1.748e+05 |
| | | -1.390e+05 | -9715.47 | -2.62e-03 | 0.0 | 80.0 | 6180.25 | -5450.57 | 477.41 | 7922.12 | 2.848e+04 | -1.390e+05 |
| 444 | 276 | 1.748e+05 | 2.825e+04 | 4.58e-03 | -240.00 | 0.0 | 6182.79 | -5198.14 | 474.55 | 7875.36 | -9715.50 | 1.748e+05 |
| | | -1.371e+05 | -9715.50 | -2.61e-03 | 0.0 | 80.0 | 6182.79 | -5438.14 | 474.55 | 7875.36 | 2.825e+04 | -1.371e+05 |
| 444 | 313 | 3420.66 | 9209.22 | 3.16e-04 | -240.00 | 0.0 | 268.15 | -495.38 | 99.48 | -2676.76 | 1250.54 | 3420.66 |
| | | -2.414e+04 | 1250.54 | -2.34e-03 | 0.0 | 80.0 | 268.15 | -735.38 | 99.48 | -2676.76 | 9209.22 | -2.414e+04 |
| 444 | 391 | 1364.05 | 3944.35 | 2.57e-04 | -240.00 | 0.0 | 240.63 | -274.13 | 36.04 | -2934.86 | 1061.35 | 1364.05 |
| | | -1.317e+04 | 1061.35 | -1.61e-03 | 0.0 | 80.0 | 240.63 | -514.13 | 36.04 | -2934.86 | 3944.35 | -1.317e+04 |
| 444 | 395 | 1.290e+05 | 2.006e+04 | 3.44e-03 | -240.00 | 0.0 | 4624.82 | -3774.88 | 339.87 | 4462.20 | -7128.13 | 1.290e+05 |
| | | -9.781e+04 | -7128.13 | -2.10e-03 | 0.0 | 80.0 | 4624.82 | -4014.88 | 339.87 | 4462.20 | 2.006e+04 | -9.781e+04 |
| 444 | 407 | 1364.05 | 3944.35 | 2.57e-04 | -240.00 | 0.0 | 240.63 | -274.13 | 36.04 | -2934.86 | 1061.35 | 1364.05 |
| | | -1.317e+04 | 1061.35 | -1.61e-03 | 0.0 | 80.0 | 240.63 | -514.13 | 36.04 | -2934.86 | 3944.35 | -1.317e+04 |
| 444 | 412 | 1763.91 | 5366.20 | 2.18e-04 | -240.00 | 0.0 | 80.07 | -325.89 | 87.44 | -4021.07 | -1803.21 | 1763.91 |

| | | | | | | | | | | | | |
|-----|-----|------------|----------|-----------|---------|------|--------|---------|-------|----------|----------|------------|
| | | -1.354e+04 | -1803.21 | -2.68e-03 | 0.0 | 80.0 | 80.07 | -565.89 | 87.44 | -4021.07 | 5366.20 | -1.354e+04 |
| 444 | 413 | -3261.41 | 5740.53 | 2.09e-04 | -240.00 | 0.0 | 235.16 | -307.69 | 93.42 | -4369.91 | -1619.84 | -3261.41 |
| | | -1.738e+04 | -1619.84 | -2.60e-03 | 0.0 | 80.0 | 235.16 | -547.69 | 93.42 | -4369.91 | 5740.53 | -1.738e+04 |
| 444 | 433 | -7645.33 | 5050.94 | 2.30e-04 | -240.00 | 0.0 | 474.21 | -256.59 | 62.32 | -3894.46 | 535.10 | -7645.33 |
| | | -2.027e+04 | 535.10 | -1.78e-03 | 0.0 | 80.0 | 474.21 | -496.59 | 62.32 | -3894.46 | 5050.94 | -2.027e+04 |
| 444 | 436 | 9074.60 | 3775.38 | 2.57e-04 | -240.00 | 0.0 | -46.59 | -318.10 | 42.04 | -2731.75 | -76.12 | 9074.60 |
| | | -7316.52 | -76.12 | -2.05e-03 | 0.0 | 80.0 | -46.59 | -558.10 | 42.04 | -2731.75 | 3775.38 | -7316.52 |
| 444 | 438 | 1.040e+04 | 2865.57 | 2.83e-04 | -240.00 | 0.0 | 10.89 | -290.85 | 10.10 | -1975.15 | 1587.59 | 1.040e+04 |
| | | -6190.82 | 1587.59 | -1.43e-03 | 0.0 | 80.0 | 10.89 | -530.85 | 10.10 | -1975.15 | 2865.57 | -6190.82 |
| 444 | 439 | -6346.51 | 4113.33 | 2.56e-04 | -240.00 | 0.0 | 527.86 | -230.17 | 30.03 | -3137.97 | 2198.81 | -6346.51 |
| | | -1.902e+04 | 2198.81 | -1.20e-03 | 0.0 | 80.0 | 527.86 | -470.17 | 30.03 | -3137.97 | 4113.33 | -1.902e+04 |
| 444 | 440 | 1138.56 | 4680.76 | 2.37e-04 | -240.00 | 0.0 | 176.92 | -299.69 | 61.95 | -3500.05 | -392.94 | 1138.56 |
| | | -1.374e+04 | -392.94 | -2.15e-03 | 0.0 | 80.0 | 176.92 | -539.69 | 61.95 | -3500.05 | 4680.76 | -1.374e+04 |
| 444 | 445 | -959.65 | 4848.00 | 2.33e-04 | -240.00 | 0.0 | 237.10 | -291.21 | 64.84 | -3651.69 | -284.12 | -959.65 |
| | | -1.527e+04 | -284.12 | -2.10e-03 | 0.0 | 80.0 | 237.10 | -531.21 | 64.84 | -3651.69 | 4848.00 | -1.527e+04 |
| 444 | 465 | -3107.80 | 4496.46 | 2.43e-04 | -240.00 | 0.0 | 356.05 | -265.56 | 49.15 | -3412.89 | 794.48 | -3107.80 |
| | | -1.668e+04 | 794.48 | -1.70e-03 | 0.0 | 80.0 | 356.05 | -505.56 | 49.15 | -3412.89 | 4496.46 | -1.668e+04 |
| 444 | 468 | 5173.74 | 3864.94 | 2.57e-04 | -240.00 | 0.0 | 98.15 | -296.07 | 39.14 | -2834.87 | 493.89 | 5173.74 |
| | | -1.028e+04 | 493.89 | -1.83e-03 | 0.0 | 80.0 | 98.15 | -536.07 | 39.14 | -2834.87 | 3864.94 | -1.028e+04 |
| 444 | 470 | 5850.48 | 3406.16 | 2.70e-04 | -240.00 | 0.0 | 127.12 | -282.29 | 23.10 | -2456.86 | 1328.21 | 5850.48 |
| | | -9712.17 | 1328.21 | -1.52e-03 | 0.0 | 80.0 | 127.12 | -522.29 | 23.10 | -2456.86 | 3406.16 | -9712.17 |
| 444 | 471 | -2445.64 | 4023.76 | 2.56e-04 | -240.00 | 0.0 | 383.12 | -252.20 | 32.93 | -3034.85 | 1628.81 | -2445.64 |
| | | -1.606e+04 | 1628.81 | -1.39e-03 | 0.0 | 80.0 | 383.12 | -492.20 | 32.93 | -3034.85 | 4023.76 | -1.606e+04 |

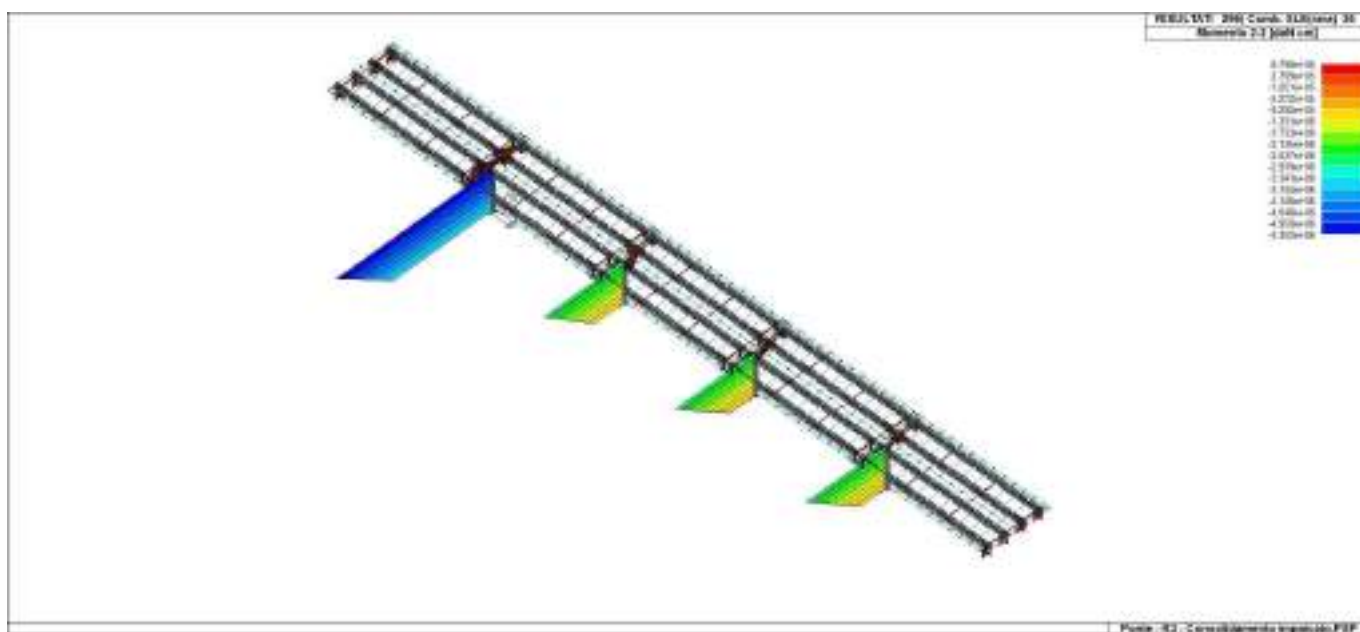
| Trave | M3 mx/mn | M2 mx/mn | D 2 / D 3 | Q 2 / Q 3 | N | V 2 | V 3 | T |
|-------|------------|------------|-----------|-----------|------------|------------|------------|------------|
| | -2.890e+07 | -2.665e+06 | -0.27 | -1356.59 | -3.701e+04 | -1.461e+05 | -1.894e+04 | -3.111e+06 |
| | 7.161e+06 | 2.319e+06 | 0.27 | 153.43 | 2.483e+05 | 1.869e+05 | 2.003e+04 | 3.267e+06 |



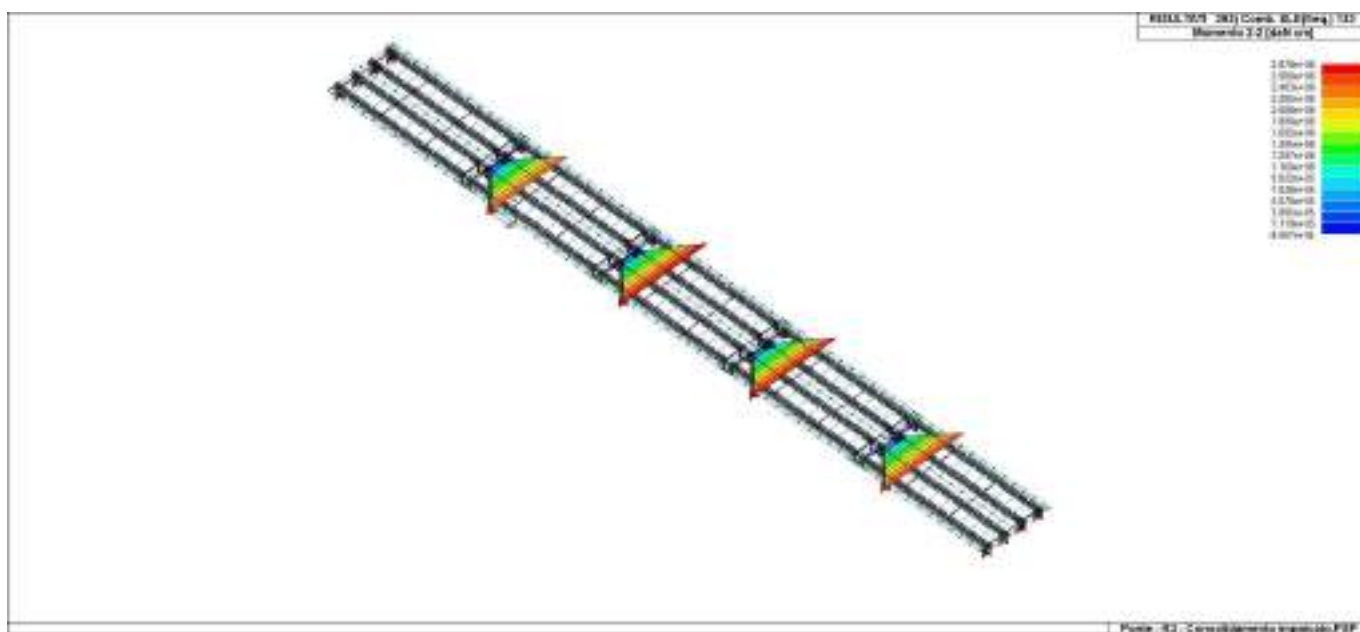
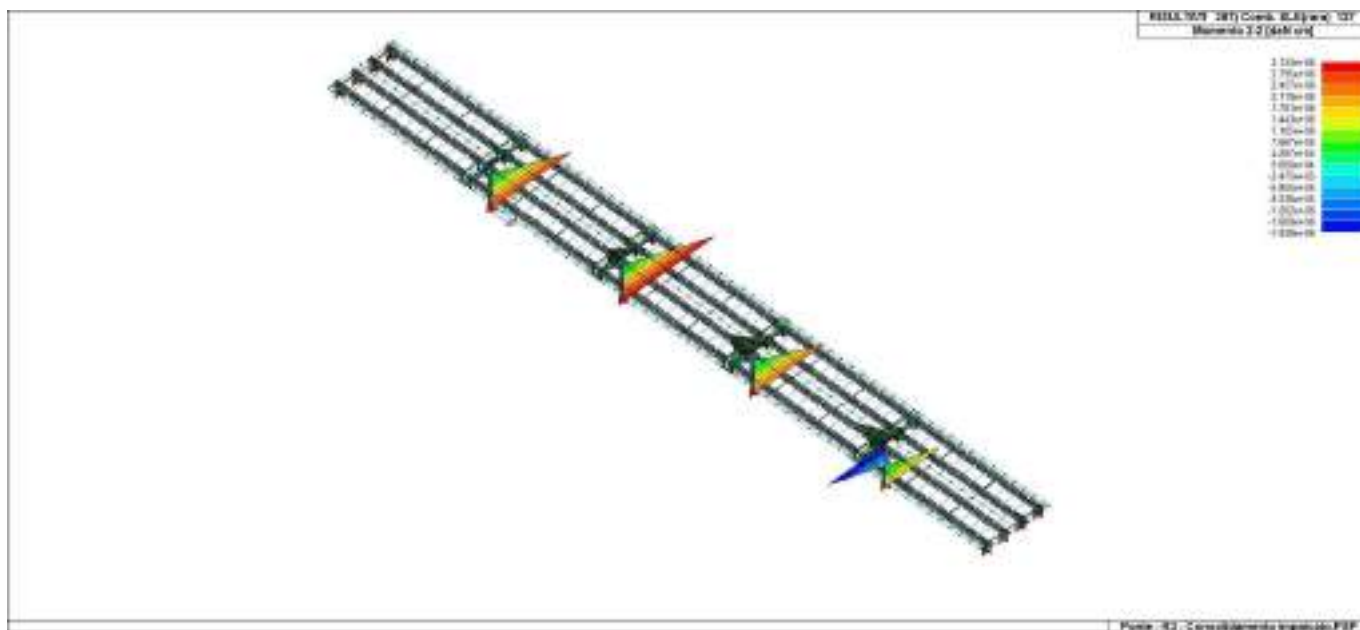
43_RIS_M2_071_Comb. SLU A1 71

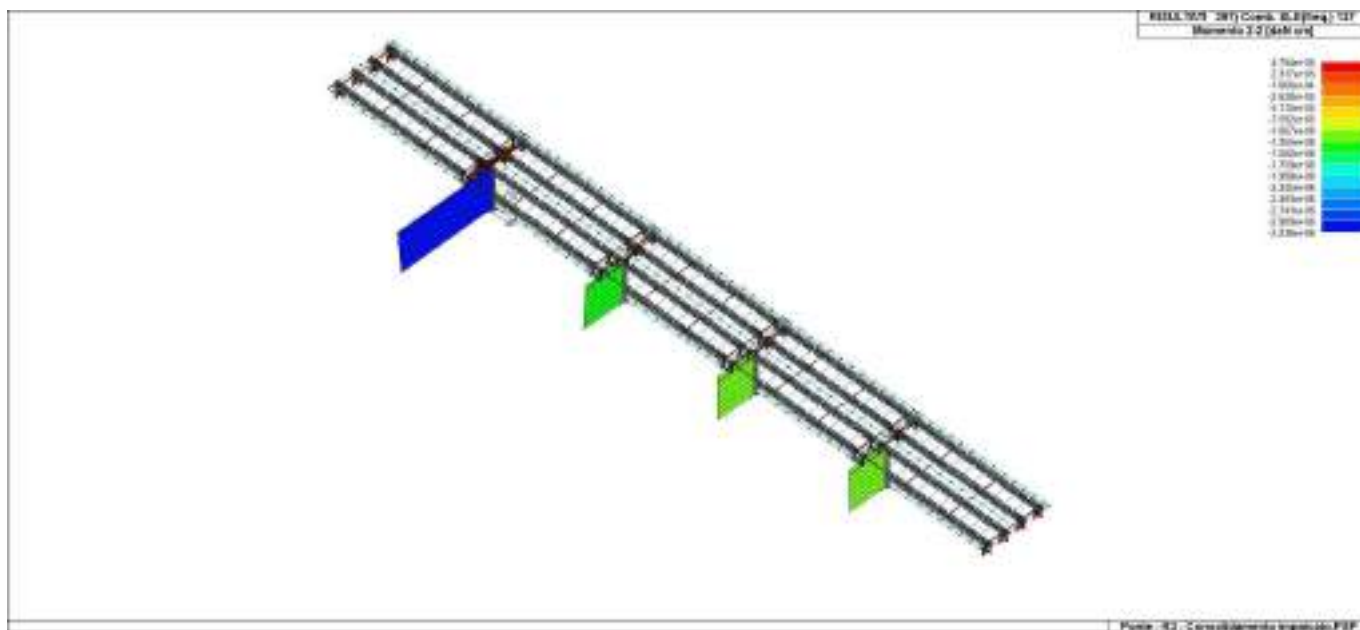


43_RIS_M2_253_Comb. SLU A1 253



43_RIS_M2_296_Comb. SLE(rara) 36

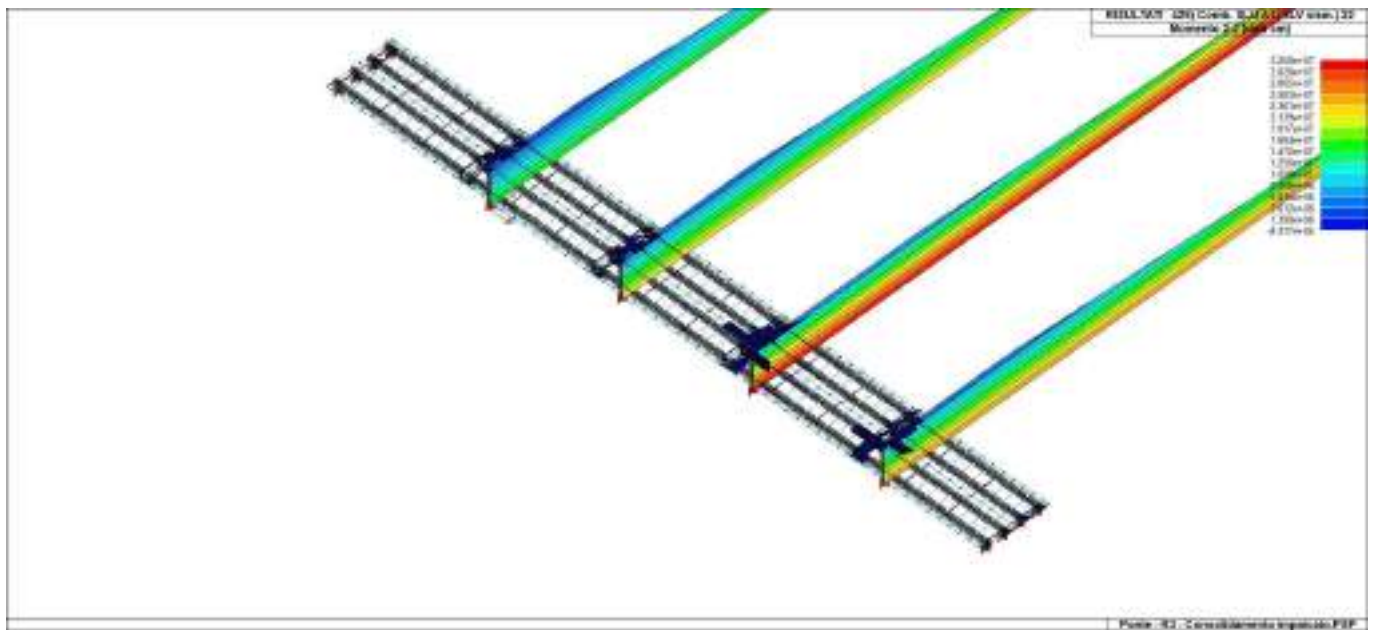




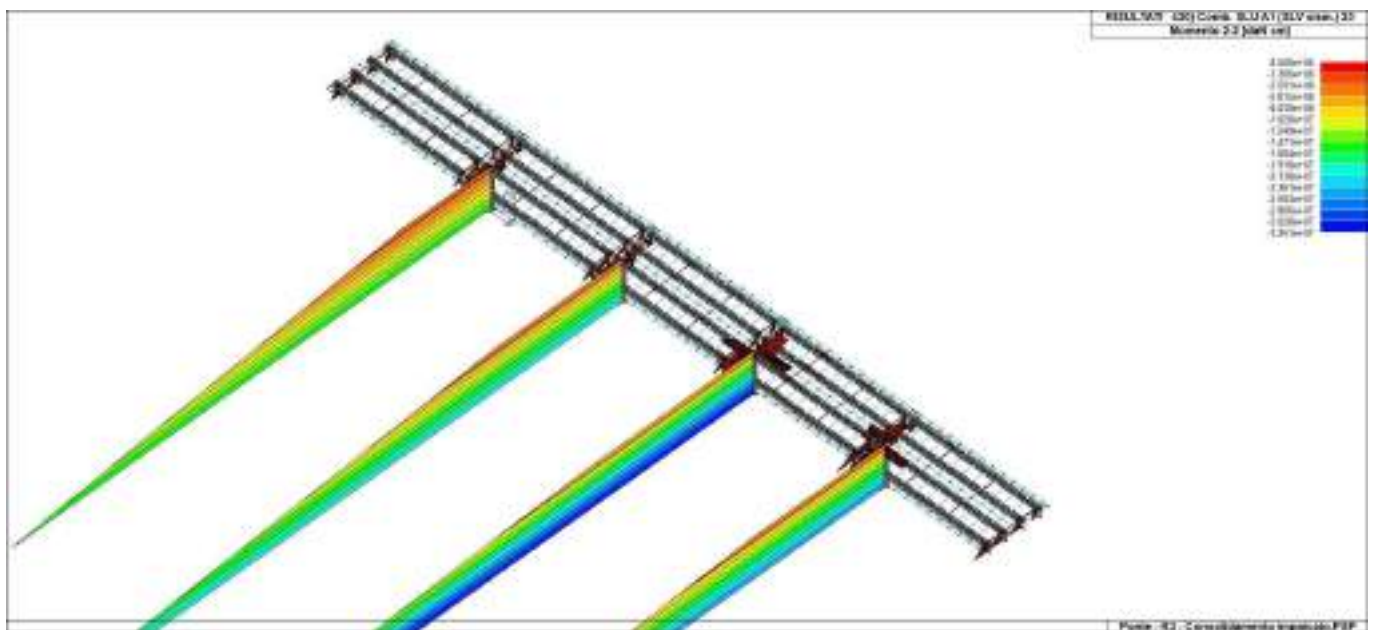
43_RIS_M2_397_Comb. SLE(freq.) 137



43_RIS_M2_407_Comb. SLE(perm.) 147



43_RIS_M2_429_Comb. SLU A1 (SLV sism.) 22



43_RIS_M2_430_Comb. SLU A1 (SLV sism.) 23



43_RIS_M3_050_Comb. SLU A1 50



43_RIS_M3_071_Comb. SLU A1 71



43_RIS_M3_285_Comb. SLE(rara) 25



43_RIS_M3_296_Comb. SLE(rara) 36



43_RIS_M3_396_Comb. SLE(freq.) 136



43_RIS_M3_403_Comb. SLE(freq.) 143



43_RIS_M3_407_Comb. SLE(perm.) 147



43_RIS_M3_411_Comb. SLU A1 (SLV sism.) 4



43_RIS_M3_428_Comb. SLU A1 (SLV sism.) 21



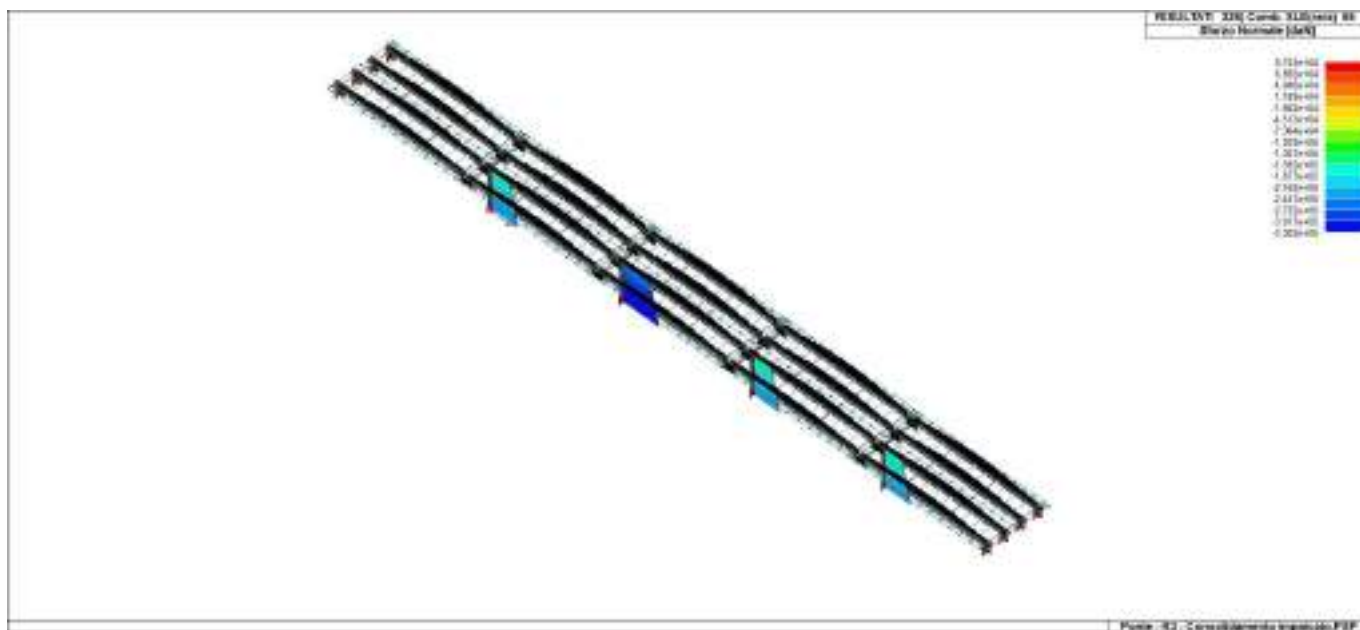
43_RIS_N_109_Comb. SLU A1 109



43_RIS_N_131_Comb. SLU A1 131



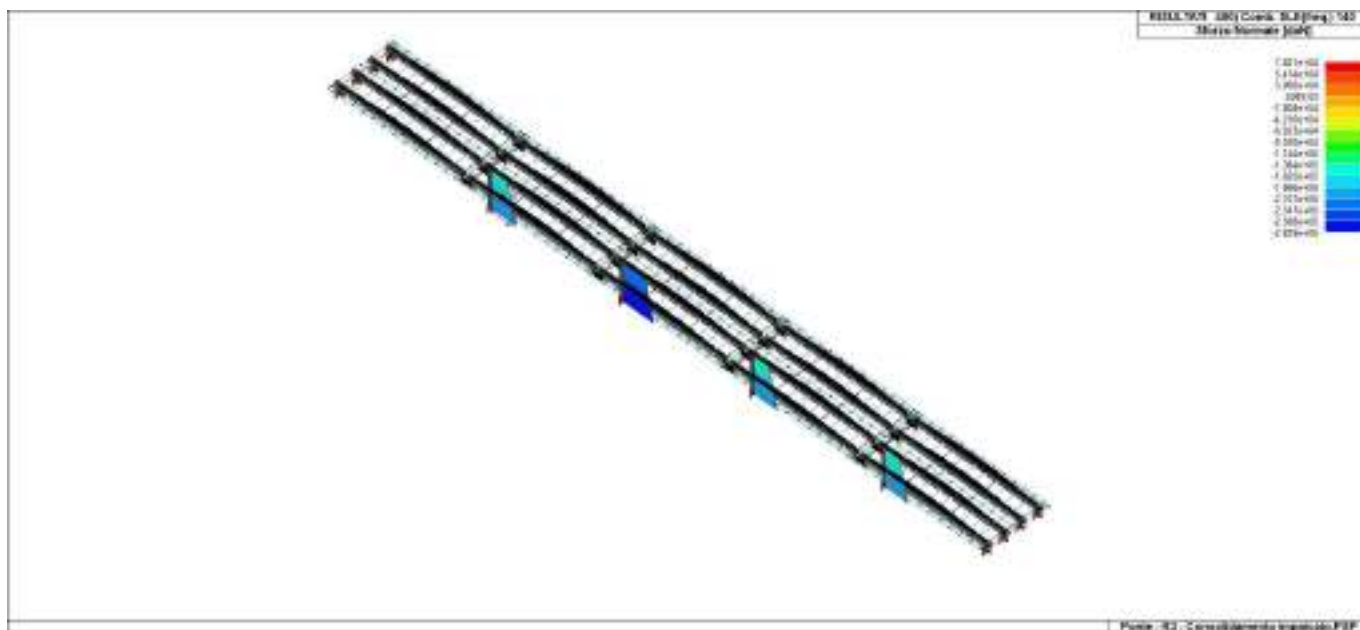
43_RIS_N_315_Comb. SLE(rara) 55



43_RIS_N_326_Comb. SLE(rara) 66



43_RIS_N_399_Comb. SLE(freq.) 139



43_RIS_N_400_Comb. SLE(freq.) 140



43_RIS_N_407_Comb. SLE(perm.) 147

VERIFICHE ELEMENTI ESISTENTI

LEGENDA TABELLA VERIFICHE ELEMENTI ESISTENTI

Le verifiche degli elementi esistenti sono state condotte con riferimento al Capitolo 8 del D.M. 17 gennaio 2018. Il metodo adottato è quello previsto nella circolare n.7 del 21 gennaio 2019 al punto C8.7.2.2.1 / C8.7.2.2.2 (Analisi statica lineare/dinamica modale con spettro elastico).

Le modalità di analisi e le verifiche, consistono nel confronto tra domanda e capacità.

Il programma consente di effettuare analisi lineare statica e dinamica e analisi non lineare statica. Qualora l'analisi effettuata sia lineare le verifiche sono precedute da un controllo di accettazione del modello lineare, atto a valutare la dispersione dei rapporti domanda/capacità.

Per gli elementi in c.a. sono previste le seguenti verifiche:

- flessione con e senza sforzo normale
- taglio
- nodi trave-pilastro

Con riferimento ai punti succitati le verifiche vengono così tabellate:

Tabella relativa alle verifiche di accettazione del modello lineare

| | |
|-----------------------|---|
| Pilas. / Trave | numero dell'elemento considerato |
| ro I (J) acc. | massimo rapporto domanda/capacità in termini di momento flettente di cui al p.to C8.7.2.2.1 per la verifica di accettazione |
| ver. f. acc. | massimo rapporto domanda/capacità in termini di taglio di cui al p.to C8.7.2.2.1 per la verifica di accettazione |
| Rif. cmb | combinazioni per le quali si sono attinti i valori riportati |

Tabella relativa alle verifiche degli elementi duttili e fragili

| | |
|-----------------------|---|
| Pilas. / Trave | numero dell'elemento considerato |
| SL cod | Stato limite considerato e relativo esito delle verifica (NV non verifica, ok verifica) |
| ver. (d) | massimo rapporto domanda capacità in termini di deformazione per gli elementi duttili; nello specifico: rot. c / ThetaU per SLC rot. c / 0.75 ThetaU per SLV rot. c / ThetaY per SLD |
| ver. (f) | massimo rapporto domanda capacità in termini di verifica a taglio |
| rot. c | valore di rotazione rispetto alla corda (rappresenta la domanda in termini di deformazione) per cui si attinge il massimo valore della verifica ver. (d) |
| Theta Y | capacità di rotazione rispetto alla corda allo snervamento, calcolata con la formula C8.7.2.7 |
| Theta U | capacità di rotazione rispetto alla corda in condizioni di collasso |
| curv. Y | curvatura della sezione allo snervamento dell'acciaio |
| curv. U | curvatura ultima della sezione valutata considerando le deformazioni ultime di conglomerato (tenuto conto del confinamento) e acciaio |
| Lv | luce di taglio; rapporto momento/taglio utilizzato nelle succitate formule per il calcolo di Theta Y (U) |
| V2(V3) | valore del taglio 2 (3) per cui si attinge il massimo valore della verifica ver. (f) |
| ro V I (V J) | indicatori del rapporto domanda/capacità per gli elementi duttili; se inferiori a 1 le sollecitazioni degli elementi fragili sono assunte dall'analisi, in caso contrario sono assunte per equilibrio considerando le capacità degli elementi duttili |
| Rif. cmb | Combinazioni in cui si attingono i massimi valori dei rapporti domanda/capacità; per i pilastri, il numero tra parentesi indica l'asse(locale) di riferimento per le rotazioni riportate |

Tabella relativa alle verifiche dei nodi trave pilastro

| | |
|-----------------|---|
| Pilas. S | numero del pilastro considerato (superiore al nodo) |
| Pilas. I | numero del relativo pilastro inferiore |
| Nodo | numero del nodo tra i pilastri |
| SL cod | Stato limite considerato e relativo esito delle verifica (NV non verifica, ok verifica, nrC non richiesta in quanto confinato) |
| ver. (+) | massimo rapporto domanda capacità con riferimento alla formula C8.7.2.121(resistenza per trazione) |
| ver. (-) | massimo rapporto domanda capacità con riferimento alla formula C8.7.2.12 (resistenza per compressione) |
| V + | valore del taglio, nel pilastro superiore, in direzione 2 o 3 per cui si attinge il massimo valore della verifica ver. (+) |
| V + af s | sollecitazione di trazione presente nell'armatura longitudinale superiore della trave da sommare (con segno) a V + |
| N + | azione assiale presente nel pilastro superiore contemporanea a V + |
| V - | valore del taglio, nel pilastro superiore, in direzione 2 o 3 per cui si attinge il massimo valore della verifica ver. (-) |
| V - af s | sollecitazione di trazione presente nell'armatura longitudinale superiore della trave da sommare (con segno) a V - |
| N - | azione assiale presente nel pilastro superiore contemporanea a V - |
| Area g | area del nodo (da Pilas. I) |
| Rif. cmb | combinazioni in cui si attingono i massimi valori dei rapporti domanda/capacità; per i nodi, il numero tra parentesi indica l'asse(locale) di riferimento per le sollecitazioni di taglio |

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d , le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

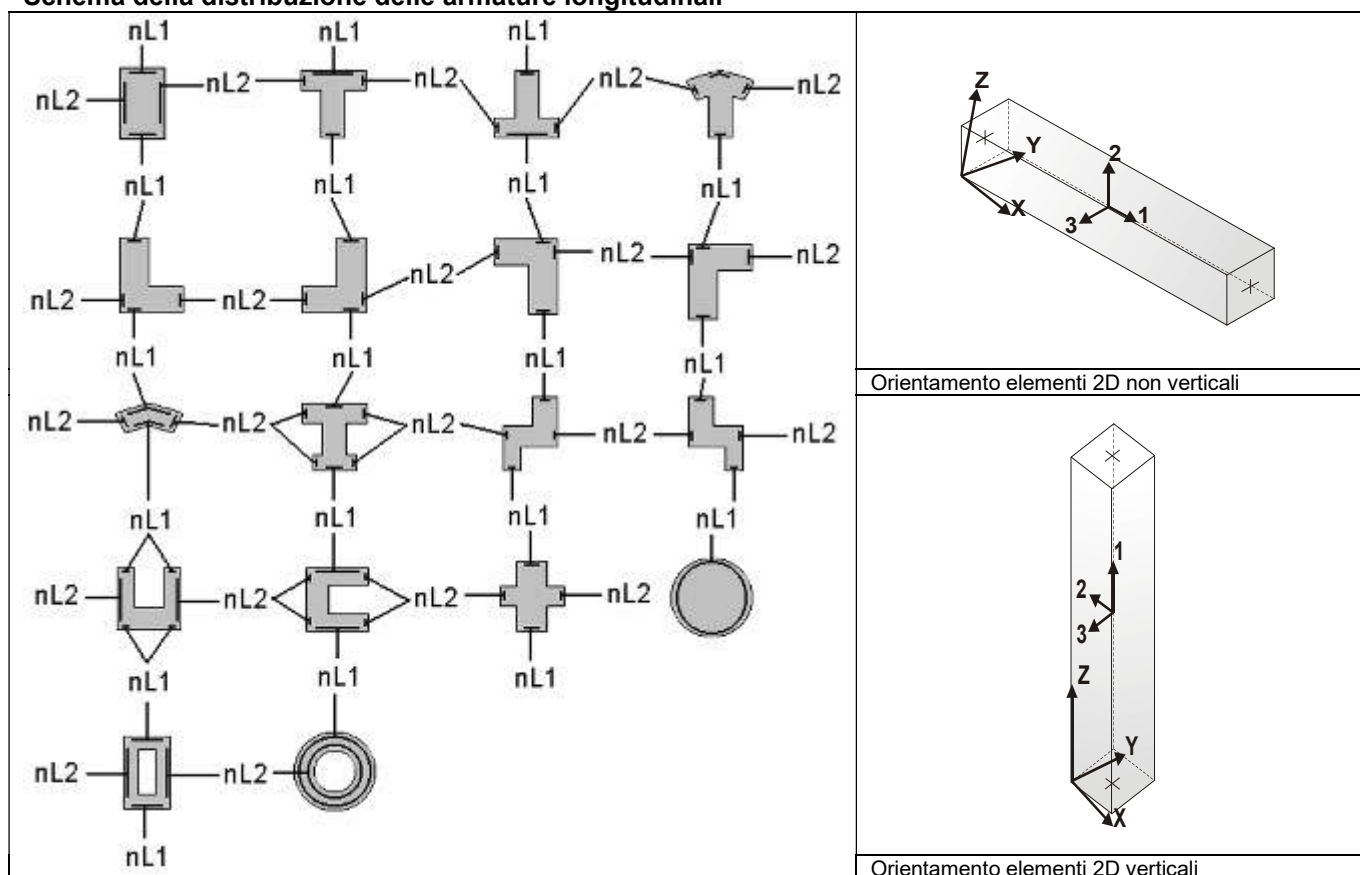
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze (**G.R.**) vengono riportate le verifiche di sovraresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali



Simbologia adottata nelle tabelle di verifica

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

| | |
|--------------|--|
| M P X Y | Numero della pilastriata (P) e posizione in pianta (X,Y) |
| Pilas. | numero identificativo dell'elemento D2 |
| Note | Codici identificativi delle sezioni (s) e materiale (m) pilastro |
| Stato | Codici relativi all'esito delle verifiche effettuate appresso descritte |
| Quota | Quota sezione di verifica |
| %Af | Percentuale di area di armatura rispetto a quella di calcestruzzo |
| r. snell. | Rapporto di snellezza λ su λ^* : valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio |
| Armat. long. | Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni $nL1$ e $nL2$, come da schemi in figura precedente |

| | |
|-----------|--|
| V N/M | Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva |
| V N sis | Verifica a compressione solo calcestruzzo con rapporto N_{sd}/N_{rd} ed N_{rd} calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva |
| Staffe | Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto |
| V V/T cls | Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva |
| Rif. cmb. | Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro |

Per le verifiche alla G.R. dei pilastri è presente una tabella con i simboli di seguito descritti:

| | |
|---------------|--|
| Pilas. | numero identificativo dell'elemento D2 pilastro |
| sovr. Xi (Xf) | Verifica sovrarresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato |
| sovr. Yi (Yf) | Verifica sovrarresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato |
| M 2-2 i (f) | Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo |
| M 3-3 i (f) | Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo |
| Luce per V | Luce di calcolo per la definizione del taglio (generato dai momenti resistenti) |
| V M2-2 (M3-3) | Valore del taglio generato dai momenti resistenti 2-2 (3-3) |

**Per le verifiche dei dettagli costruttivi per la duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)**

| | |
|------------------------------|--|
| Pilas | Numero identificativo D2 pilastro |
| ni | Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV |
| alfaomega | Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo |
| V. 7.4.29 2-2 (3-3) | Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3) |
| V. 7.4.29 Stato | Codici relativi all'esito della verifica 7.4.29 |
| d _{mu} fi 2-2 (3-3) | Domanda in duttilità di curvatura in direzione 2 (3) |
| c _{mu} fi 2-2 (3-3) | Capacità in duttilità di curvatura in direzione 2 (3) |
| V. dutt. 2-2 (3-3) | Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3) |

Per le verifiche nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

| | |
|--------------|--|
| Nodo | Numero identificativo del nodo trave-pilastro |
| Stato | Esito delle verifiche |
| Pilastro | Numero identificativo D2 pilastro |
| Diam st | Diametro staffe nodo |
| Passo | Passo staffe nodo |
| n. br. 2 (3) | Numero braccia staffe per il taglio in direzione 2 (3) |
| Bj2 (3) | Larghezza effettiva del nodo per il taglio in direzione 2 (3) |
| Hjc2 (3) | Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3) |
| V. 7.4.8 | Rapporto tra il taglio V_{jbd} e il taglio resistente come da formula 7.4.8 |
| V. Ash | Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effettivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo |
| 7.4.10 | Check passo staffe valutato in funzione della formula 7.4.10: <ul style="list-style-type: none"> • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto; |
| Rif. comb. | Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo |

Per le verifiche nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

| | |
|------------|---|
| Pilastro I | Numero identificativo D2 del pilastro inferiore. |
| Pilastro S | Numero identificativo D2 del pilastro superiore. |
| Nodo | Numero identificativo del nodo trave-pilastro. |
| SL cod | Stato limite di riferimento e relativo esito delle verifiche. |
| ver. (+) | Fattore di sicurezza nei riguardi della verifica di resistenza a compressione (verificato se < 1.00). |
| V + | Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione. |
| V + af s | Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione. |
| N + | Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione. |
| ver. (-) | Fattore di sicurezza nei riguardi della verifica di resistenza a trazione (verificato se < 1.00). |
| V - | Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione. |
| V - af s | Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione. |
| N - | Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione. |
| AreaV2 | Area resistente del nodo in direzione 2 ($A_{i2}=b_{i2}*h_{ic2}$). |
| AreaV3 | Area resistente del nodo in direzione 3 ($A_{i3}=b_{i3}*h_{ic3}$). |
| Rif. comb. | Combinazione (direzione) di riferimento nella verifica di trazione. |

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

| | |
|-----------|--|
| M T Z P P | Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata) |
| Trave | numero identificativo dell'elemento D2 |
| Note | Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte |
| %Af | Percentuale di area di armatura rispetto a quella di calcestruzzo |
| Af inf. | Area di armatura longitudinale posta all'intradosso |
| Af sup | Area di armatura longitudinale posta all'estradosso |
| Af long. | Area complessiva armatura longitudinale |
| x/d | rapporto tra posizione dell'asse neutro e altezza utile |
| V N/M | Verifica a pressoflessione rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva |
| Staffe | Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto |
| V V/T cls | Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva |
| Rif. cmb. | Riferimento combinazioni da cui si generano le verifiche più gravose per la trave |

Per le verifiche alla G.R. delle travi è presente una tabella con i simboli di seguito descritti:

| | |
|------------------|--|
| Trave | numero identificativo dell'elemento D2 trave |
| M negativo i (f) | Valore del momento resistente negativo all'estremità iniziale i (finale f) della trave |
| M positivo i (f) | Valore del momento resistente positivo all'estremità iniziale i (finale f) della trave |
| Luce per V | Luce di calcolo per la definizione del taglio (generato dai momenti resistenti) |
| V M-i M+f | Taglio generato dai momenti resistenti negativo i e positivo f |
| V M+i M-f | Taglio generato dai momenti resistenti positivo i e negativo f |
| VEd, min | Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A") |
| VEd, max | Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A") |
| Vr1 | Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A") |
| As | Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A") |

Per le verifiche a taglio ciclico di travi e pilastri esistenti è presente una tabella con i simboli di seguito descritti:

| | |
|----------------|---|
| Trave/Pilastro | Numero identificativo dell'elemento D2 trave/pilastro |
| V. SLV | Codice relativo all'esito delle verifiche |
| Nodo | Numero identificativo del nodo di verifica |
| Ver. VC | Fattore di sicurezza nei confronti della verifica a taglio ciclico (verificato se < 1.00) |
| Direz. | Direzione di verifica |
| N fr | Valore di sforzo normale calcolato con fattore di comportamento fragile |
| V fr | Valore di taglio calcolato con fattore di comportamento fragile |
| M fr | Valore di momento calcolato con fattore di comportamento fragile |
| N dutt | Valore di sforzo normale calcolato con fattore di comportamento duttile |
| LV | Lunghezza di taglio |
| Mud,pl | Parte plastica della domanda di duttilità |
| V cic | Resistenza a taglio in condizioni cicliche (C8.7.2.8) |
| Cmb | Riferimento combinazioni da cui si generano le verifiche più gravose |

Per le verifiche alle T.A. di pilastri e travi è presente una tabella con i simboli di seguito descritti:

| | |
|----------------|--|
| M P X Y | Numero della pilastrata (P) e posizione in pianta (X,Y) |
| M T Z P P | Numero della travata, quota media pilastrata iniziale e finale (nodo in assenza di pilastrata) |
| Pilas. o Trave | numero identificativo dell'elemento D2 |
| Note | Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m); nella terza riga viene riportato il valore delle snellezze in direzione 2-2 e 3-3 |
| Stato | Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali |
| Quota | Ascissa del punto di verifica |
| %Af | Percentuale di area di armatura rispetto a quella di calcestruzzo |
| Armat. long. | Numero e diametro dei ferri di armatura longitudinale: ferri di vertice + ferri di lato (come da fig. precedente) |
| Af inf. | Area di armatura longitudinale posta all'intradosso della trave |
| Af sup | Area di armatura longitudinale posta all'estradosso della trave |
| Sc max | Massima tensione di compressione del calcestruzzo |
| Sc med | Massima tensione media di compressione del calcestruzzo |
| Sf max | Tensione massima nell'acciaio |
| staffe | Vengono riportati i dati del tratto di staffatura in cui cade la sezione di verifica; in particolare: numero dei bracci, diametro, passo, lunghezza tratto |
| Tau max | Tensione massima tangenziale nel cls |
| Rif. comb | Combinazioni in cui si generano i seguenti valori di tensione: Sc max, Sc med, Sf max, Tau max |
| AfV | area dell'armatura atta ad assorbire le azioni di taglio |
| AfT | area dell'armatura atta ad assorbire le azioni di torsione |
| Scorr. P | Scorrimento dei piegati |
| Af long. | Area del ferro longitudinale aggiuntivo per assorbire la torsione |

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

< TABELLA VERIFICHE POST-OPERAM >

Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI

Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili

Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.

Elementi non rinforzati

| Pilas. | Note | Stato | Quota cm | M _P = 21 | | X=0.0 | | Y=0.0 | | Staffe L=cm | V V/T cls | V V/T acc | Rif. cmb |
|-----------------|-------------|-------|-------------|---------------------|-----------|----------|----------|---------|---------------|----------------|-----------|-----------|-------------|
| | | | | %Af | r. snell. | Armat. | long. | V N/M | V N sis | | | | |
| 1 | s=5,m=2 | ok,ok | 0.0 | 0.16 | 0.20 | 4d20 | 36+4 d20 | 0.66 | 0.063+3d12/20 | L=395 | 0.05 | 0.21 | |
| 50,421,436,52 | [b=1.0;1.0] | | 395.0 | 0.16 | 0.20 | 4d20 | 36+4 d20 | 0.27 | 0.043+3d12/20 | L=395 | 0.05 | 0.21 | |
| 50,421,436,52 | | | | | | | | | | | | | |
| Pilas. | Note | Stato | Quota cm | M _P = 22 | | X=1225.0 | | Y=0.0 | | Staffe L=cm | V V/T cls | V V/T acc | Rif. cmb |
| | | | | %Af | r. snell. | Armat. | long. | V N/M | V N sis | | | | |
| 2 | s=5,m=2 | ok,ok | 0.0 | 0.16 | 0.20 | 4d20 | 36+4 d20 | 0.50 | 0.063+3d12/20 | L=395 | 0.05 | 0.15 | |
| 112,423,433,110 | [b=1.0;1.0] | | 395.0 | 0.16 | 0.20 | 4d20 | 36+4 d20 | 0.22 | 0.043+3d12/20 | L=395 | 0.05 | 0.15 | |
| 112,423,433,110 | | | | | | | | | | | | | |
| Pilas. | Note | Stato | Quota cm | M _P = 23 | | X=2450.0 | | Y=0.0 | | Staffe L=cm | V V/T cls | V V/T acc | Rif. cmb |
| | | | | %Af | r. snell. | Armat. | long. | V N/M | V N sis | | | | |
| 3 | s=5,m=2 | ok,ok | 0.0 | 0.16 | 0.20 | 4d20 | 36+4 d20 | 0.41 | 0.063+3d12/20 | L=395 | 0.07 | 0.15 | |
| 408,412,424,408 | [b=1.0;1.0] | | 395.0 | 0.16 | 0.20 | 4d20 | 36+4 d20 | 0.21 | 0.043+3d12/20 | L=395 | 0.07 | 0.15 | |
| 210,412,424,408 | | | | | | | | | | | | | |
| Pilas. | Note | Stato | Quota cm | M _P = 24 | | X=3675.0 | | Y=0.0 | | Staffe L=cm | V V/T cls | V V/T acc | Rif. cmb |
| | | | | %Af | r. snell. | Armat. | long. | V N/M | V N sis | | | | |
| 4 | s=5,m=2 | ok,ok | 0.0 | 0.16 | 0.19 | 4d20 | 36+4 d20 | 0.58 | 0.063+3d12/20 | L=395 | 0.05 | 0.18 | 2,413,429,3 |
| [b=1.0;1.0] | | | 395.0 | 0.16 | 0.19 | 4d20 | 36+4 d20 | 0.26 | 0.043+3d12/20 | L=395 | 0.05 | 0.18 | |
| 250,413,429,3 | | | | | | | | | | | | | |
| Pilas. | | | | %Af | r. snell. | V N/M | | V N sis | | V V/T cls | | V V/T acc | |
| | | | | 0.16 | 0.20 | 0.66 | | 0.06 | | 0.07 | | 0.21 | |

| Pilas. | sovr. Xi | sovr. Xf | sovr. Yi | sovr. Yf | M 2-2 i | M 2-2 f | M 3-3 i | M 3-3 f | Luce per V | V M2-2 | V M3-3 |
|--------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|
| | | | | | daN cm | daN cm | daN cm | daN cm | cm | daN | daN |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | 3.012e+08 | 2.769e+08 | 3.569e+07 | 3.266e+07 | 355.00 | 1.867e+06 | 2.212e+05 |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | 2.975e+08 | 2.731e+08 | 3.523e+07 | 3.220e+07 | 355.00 | 1.844e+06 | 2.183e+05 |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 | 2.979e+08 | 2.736e+08 | 3.528e+07 | 3.225e+07 | 355.00 | 1.846e+06 | 2.186e+05 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 | 3.014e+08 | 2.771e+08 | 3.572e+07 | 3.270e+07 | 355.00 | 1.868e+06 | 2.214e+05 |

| Pilas. | M 2-2 i | M 2-2 f | M 3-3 i | M 3-3 f | V M2-2 | V M3-3 |
|--------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 3.014e+08 | 2.771e+08 | 3.572e+07 | 3.270e+07 | 1.868e+06 | 2.214e+05 |

< TABELLA VERIFICHE POST-OPERAM >

Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI

Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili

Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.

Elementi non rinforzati

| Trave | Note | Pos. cm | %Af | Af inf. | Af. sup | Af long. | M_T= 8 | Z=475.0 | P=37 | P=38 | Staffe | Rif. | cmb |
|-------|---------|------------|------|---------|---------|----------|--------|----------|-----------|-----------|---------|------------------|----------|
| | | | | | | | x/d | V N/M | V V/T cls | V V/T acc | | | |
| 394 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.32e-03 | 0.15 | 0.04 | 2d14/15 | L=30 | 49,89,92 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.16 | 0.04 | 2d14/15 | L=30 | 49,89,92 |
| 94 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.57 | 0.79 | 0.26 | 2d14/15 | L=92109,109,109 | |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.77 | 0.25 | 2d14/15 | L=9291,109,109 | |
| 296 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.73 | 0.23 | 2d14/15 | L=9249,109,109 | |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.71 | 0.23 | 2d14/15 | L=92109,109,109 | |
| 236 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.64 | 0.21 | 2d14/15 | L=92109,109,109 | |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.62 | 0.20 | 2d14/15 | L=92109,109,109 | |
| 356 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.56 | 0.18 | 2d14/15 | L=92109,109,109 | |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.55 | 0.17 | 2d14/15 | L=92109,109,109 | |
| 93 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.51 | 0.15 | 2d14/15 | L=102109,109,109 | |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.40 | 0.49 | 0.14 | 2d14/15 | L=102109,109,109 | |
| 295 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.91 | 0.21 | 0.07 | 2d14/15 | L=102109,109,109 | |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.95 | 0.19 | 0.06 | 2d14/15 | L=102109,109,109 | |
| 235 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.97 | 0.17 | 0.06 | 2d14/15 | L=102109,109,109 | |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.93 | 0.19 | 0.07 | 2d14/15 | L=102109,109,109 | |
| 355 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.90 | 0.47 | 0.14 | 2d14/15 | L=102111,109,109 | |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.83 | 0.49 | 0.15 | 2d14/15 | L=102111,109,109 | |

| | | | | | | | | | | | |
|---------------------------------|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|--------------------------|
| 5 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.55 | 0.17 | 2d14/15 L=92109,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.57 | 0.18 | 2d14/15 L=92109,109,109 |
| 265 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.63 | 0.20 | 2d14/15 L=92109,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.64 | 0.21 | 2d14/15 L=92109,109,109 |
| 205 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.13 | 0.71 | 0.73 | 2d14/15 L=92109,111,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.08 | 0.73 | 0.75 | 2d14/15 L=92169,111,109 |
| 325 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.78 | 0.25 | 2d14/15 L=92131,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.67 | 0.80 | 0.26 | 2d14/15 L=92109,109,109 |
| 401 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.15 | 0.04 | 2d14/15 L=30169,129,132 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.08e-03 | 0.15 | 0.04 | 2d14/15 L=30169,129,132 |
| M_T= 7 Z=475.0 P=27 P=28 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 396 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.73e-03 | 0.07 | 0.02 | 2d14/15 L=30 51,91,92 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.08 | 0.02 | 2d14/15 L=30 49,91,92 |
| 96 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.50 | 0.68 | 0.24 | 2d14/15 L=92109,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.66 | 0.23 | 2d14/15 L=9291,109,109 |
| 298 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.66 | 0.22 | 2d14/15 L=9249,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.65 | 0.21 | 2d14/15 L=92111,109,109 |
| 238 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.62 | 0.19 | 2d14/15 L=92111,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.61 | 0.19 | 2d14/15 L=92109,109,109 |
| 358 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.53 | 0.16 | 2d14/15 L=92109,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.52 | 0.16 | 2d14/15 L=92109,109,109 |
| 95 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.37 | 0.14 | 2d14/15 L=102109,111,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.35 | 0.13 | 2d14/15 L=102109,111,111 |
| 297 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.15 | 0.06 | 2d14/15 L=102109,111,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.41 | 0.13 | 0.05 | 2d14/15 L=102109,111,111 |
| 237 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.42 | 0.17 | 0.05 | 2d14/15 L=102109,111,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.38 | 0.18 | 0.06 | 2d14/15 L=102109,111,111 |
| 357 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.38 | 0.39 | 0.14 | 2d14/15 L=102109,111,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.41 | 0.14 | 2d14/15 L=102109,111,111 |
| 6 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.52 | 0.16 | 2d14/15 L=92109,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.53 | 0.16 | 2d14/15 L=92109,109,109 |
| 266 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.61 | 0.18 | 2d14/15 L=92109,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.63 | 0.19 | 2d14/15 L=92111,109,109 |
| 206 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.66 | 0.21 | 2d14/15 L=92111,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.68 | 0.21 | 2d14/15 L=9249,109,109 |
| 326 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.68 | 0.23 | 2d14/15 L=92131,109,109 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.57 | 0.70 | 0.24 | 2d14/15 L=92109,109,109 |
| 403 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.08 | 0.03 | 2d14/15 L=3049,131,132 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.69e-03 | 0.07 | 0.02 | 2d14/15 L=3051,131,132 |
| M_T= 6 Z=475.0 P=13 P=14 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 398 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.60e-03 | 0.07 | 0.02 | 2d14/15 L=30 49,49,90 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.07 | 0.02 | 2d14/15 L=30 51,89,90 |
| 98 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.42 | 0.63 | 0.21 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.61 | 0.20 | 2d14/15 L=9289,109,111 |
| 300 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.60 | 0.19 | 2d14/15 L=9251,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.58 | 0.19 | 2d14/15 L=92109,109,111 |
| 240 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.54 | 0.18 | 2d14/15 L=92109,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.53 | 0.17 | 2d14/15 L=92111,109,111 |
| 360 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.51 | 0.15 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.49 | 0.14 | 2d14/15 L=92111,109,111 |
| 97 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.49 | 0.12 | 2d14/15 L=102111,109,109 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.47 | 0.11 | 2d14/15 L=102111,109,109 |
| 299 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.22 | 0.05 | 2d14/15 L=102111,109,109 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.20 | 0.04 | 2d14/15 L=102111,109,109 |
| 239 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.16 | 0.04 | 2d14/15 L=102111,109,109 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.18 | 0.05 | 2d14/15 L=102111,109,109 |
| 359 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.44 | 0.11 | 2d14/15 L=102111,109,109 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.46 | 0.12 | 2d14/15 L=102111,109,109 |
| 7 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.49 | 0.15 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.51 | 0.15 | 2d14/15 L=92111,109,111 |
| 267 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.54 | 0.17 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.56 | 0.18 | 2d14/15 L=92109,109,111 |
| 207 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.61 | 0.19 | 2d14/15 L=92109,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.63 | 0.20 | 2d14/15 L=9251,109,111 |
| 327 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.64 | 0.21 | 2d14/15 L=92129,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.48 | 0.66 | 0.22 | 2d14/15 L=92111,109,111 |
| 405 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.07 | 0.02 | 2d14/15 L=3051,129,130 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.67e-03 | 0.07 | 0.02 | 2d14/15 L=3049,49,130 |
| M_T= 5 Z=475.0 P=3 P=4 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 400 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.07e-03 | 0.09 | 0.02 | 2d14/15 L=30163,91,90 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.10 | 0.03 | 2d14/15 L=30171,91,90 |
| 70 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.37 | 0.54 | 0.21 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.53 | 0.20 | 2d14/15 L=92109,109,111 |
| 288 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.53 | 0.19 | 2d14/15 L=9251,109,111 |

| | | | | | | | | | | | |
|---|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|--------------------------|
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.51 | 0.18 | 2d14/15 L=92111,109,111 |
| 228 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.51 | 0.17 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.50 | 0.16 | 2d14/15 L=92111,109,111 |
| 348 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.46 | 0.14 | 2d14/15 L=92111,111,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.45 | 0.14 | 2d14/15 L=92111,111,111 |
| 69 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.31 | 0.11 | 2d14/15 L=102111,111,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.28 | 0.10 | 2d14/15 L=102111,111,111 |
| 287 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.12 | 0.05 | 2d14/15 L=102111,111,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.10 | 0.04 | 2d14/15 L=102111,111,111 |
| 227 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.12 | 0.04 | 2d14/15 L=102111,111,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.14 | 0.05 | 2d14/15 L=102111,111,111 |
| 347 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.30 | 0.30 | 0.10 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.32 | 0.11 | 2d14/15 L=102111,111,111 |
| 8 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.45 | 0.14 | 2d14/15 L=92111,111,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.47 | 0.14 | 2d14/15 L=92111,111,111 |
| 268 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.50 | 0.16 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.52 | 0.17 | 2d14/15 L=92111,109,111 |
| 208 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.52 | 0.18 | 2d14/15 L=92111,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.54 | 0.19 | 2d14/15 L=9251,109,111 |
| 328 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.53 | 0.20 | 2d14/15 L=92109,109,111 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.41 | 0.55 | 0.21 | 2d14/15 L=92111,109,111 |
| 407 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.10 | 0.03 | 2d14/15 L=3051,131,130 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.12e-03 | 0.09 | 0.02 | 2d14/15 L=3043,131,130 |
| M_T= 9 Z=475.0 P=5 P=6 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 408 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.05e-03 | 0.08 | 8.90e-03 | 2d14/15 L=30203,211,150 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.07 | 0.01 | 2d14/15 L=30211,211,150 |
| 151 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.36 | 0.56 | 0.21 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.54 | 0.20 | 2d14/15 L=92169,169,171 |
| 305 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.55 | 0.19 | 2d14/15 L=92211,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.53 | 0.18 | 2d14/15 L=92171,169,171 |
| 245 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.53 | 0.17 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.51 | 0.16 | 2d14/15 L=92171,169,171 |
| 365 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.47 | 0.14 | 2d14/15 L=92171,171,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.46 | 0.14 | 2d14/15 L=92171,171,171 |
| 147 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.31 | 0.11 | 2d14/15 L=102171,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.29 | 0.10 | 2d14/15 L=102171,171,171 |
| 301 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.13 | 0.05 | 2d14/15 L=102171,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.11 | 0.04 | 2d14/15 L=102171,171,171 |
| 241 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.11 | 0.04 | 2d14/15 L=102171,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.13 | 0.05 | 2d14/15 L=102171,171,171 |
| 361 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.30 | 0.29 | 0.10 | 2d14/15 L=102171,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.31 | 0.11 | 2d14/15 L=102171,171,171 |
| 9 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.46 | 0.14 | 2d14/15 L=92171,171,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.47 | 0.14 | 2d14/15 L=92171,171,171 |
| 269 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.51 | 0.16 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.53 | 0.17 | 2d14/15 L=92171,169,171 |
| 209 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.53 | 0.18 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.55 | 0.19 | 2d14/15 L=92111,169,171 |
| 329 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.54 | 0.20 | 2d14/15 L=92169,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.41 | 0.56 | 0.21 | 2d14/15 L=92171,169,171 |
| 415 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.10 | 0.03 | 2d14/15 L=30111,191,190 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.09e-03 | 0.09 | 0.02 | 2d14/15 L=30103,191,190 |
| M_T= 10 Z=475.0 P=15 P=16 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 406 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.51e-03 | 0.07 | 7.41e-03 | 2d14/15 L=30209,169,211 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.06 | 9.13e-03 | 2d14/15 L=30211,169,150 |
| 152 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.42 | 0.67 | 0.22 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.03 | 0.65 | 0.21 | 2d14/15 L=92169,169,171 |
| 306 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.63 | 0.20 | 2d14/15 L=92211,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.61 | 0.19 | 2d14/15 L=92169,169,171 |
| 246 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.56 | 0.18 | 2d14/15 L=92169,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.55 | 0.17 | 2d14/15 L=92171,169,171 |
| 366 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.52 | 0.15 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.50 | 0.15 | 2d14/15 L=92171,169,171 |
| 148 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.47 | 0.12 | 2d14/15 L=102171,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.45 | 0.11 | 2d14/15 L=102171,169,169 |
| 302 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.20 | 0.05 | 2d14/15 L=102171,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.18 | 0.04 | 2d14/15 L=102171,169,169 |
| 242 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.18 | 0.04 | 2d14/15 L=102171,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.20 | 0.05 | 2d14/15 L=102171,169,169 |
| 362 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.45 | 0.11 | 2d14/15 L=102171,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.47 | 0.12 | 2d14/15 L=102171,169,169 |
| 10 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.50 | 0.15 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.52 | 0.15 | 2d14/15 L=92171,169,171 |
| 270 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.55 | 0.17 | 2d14/15 L=92171,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.56 | 0.18 | 2d14/15 L=92169,169,171 |

| | | | | | | | | | | | |
|----------------------------------|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|--------------------------|
| 210 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.61 | 0.19 | 2d14/15 L=92169,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.63 | 0.20 | 2d14/15 L=92111,169,171 |
| 330 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.65 | 0.21 | 2d14/15 L=92189,169,171 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.48 | 0.67 | 0.22 | 2d14/15 L=92171,169,171 |
| 413 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.07 | 0.02 | 2d14/15 L=30111,189,190 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.59e-03 | 0.07 | 0.01 | 2d14/15 L=30109,189,190 |
| | | | | | | | | | | | |
| M_T= 11 Z=475.0 P=29 P=30 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 404 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.55e-03 | 0.06 | 0.01 | 2d14/15 L=30111,211,152 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.06 | 0.01 | 2d14/15 L=30109,151,152 |
| 153 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.50 | 0.70 | 0.24 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.68 | 0.23 | 2d14/15 L=92151,169,169 |
| 307 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.68 | 0.21 | 2d14/15 L=92109,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.66 | 0.21 | 2d14/15 L=92171,169,169 |
| 247 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.63 | 0.19 | 2d14/15 L=92171,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.61 | 0.18 | 2d14/15 L=92169,169,169 |
| 367 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.54 | 0.16 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.52 | 0.16 | 2d14/15 L=92169,169,169 |
| 149 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.39 | 0.14 | 2d14/15 L=102169,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.37 | 0.13 | 2d14/15 L=102169,171,171 |
| 303 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.17 | 0.06 | 2d14/15 L=102169,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.40 | 0.15 | 0.05 | 2d14/15 L=102169,171,171 |
| 243 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.41 | 0.15 | 0.05 | 2d14/15 L=102169,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.17 | 0.06 | 2d14/15 L=102169,171,171 |
| 363 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.38 | 0.37 | 0.13 | 2d14/15 L=102169,171,171 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.39 | 0.14 | 2d14/15 L=102169,171,171 |
| 11 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.52 | 0.16 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.54 | 0.16 | 2d14/15 L=92169,169,169 |
| 271 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.61 | 0.18 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.63 | 0.19 | 2d14/15 L=92171,169,169 |
| 211 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.66 | 0.21 | 2d14/15 L=92171,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.68 | 0.21 | 2d14/15 L=92109,169,169 |
| 331 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.68 | 0.23 | 2d14/15 L=92191,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.57 | 0.70 | 0.24 | 2d14/15 L=92169,169,169 |
| 411 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.08 | 0.03 | 2d14/15 L=30209,191,192 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.62e-03 | 0.07 | 0.02 | 2d14/15 L=30111,191,192 |
| | | | | | | | | | | | |
| M_T= 12 Z=475.0 P=39 P=40 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 402 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.11e-03 | 0.11 | 0.02 | 2d14/15 L=30109,109,152 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.11 | 0.02 | 2d14/15 L=30109,149,152 |
| 154 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.57 | 0.80 | 0.26 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.78 | 0.25 | 2d14/15 L=92151,169,169 |
| 308 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.07 | 0.67 | 0.75 | 2d14/15 L=92109,170,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.13 | 0.66 | 0.73 | 2d14/15 L=92169,170,169 |
| 248 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.65 | 0.21 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.63 | 0.20 | 2d14/15 L=92169,169,169 |
| 368 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.21 | 0.57 | 0.18 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.30 | 0.56 | 0.17 | 2d14/15 L=92169,169,169 |
| 150 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.30 | 0.50 | 0.15 | 2d14/15 L=102169,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.40 | 0.48 | 0.14 | 2d14/15 L=102169,169,169 |
| 304 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.41 | 0.20 | 0.07 | 2d14/15 L=102169,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.46 | 0.18 | 0.06 | 2d14/15 L=102169,169,169 |
| 244 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.47 | 0.18 | 0.06 | 2d14/15 L=102169,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.42 | 0.20 | 0.07 | 2d14/15 L=102169,169,169 |
| 364 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.42 | 0.48 | 0.14 | 2d14/15 L=102169,169,169 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.50 | 0.15 | 2d14/15 L=102169,169,169 |
| 12 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.56 | 0.17 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.57 | 0.18 | 2d14/15 L=92169,169,169 |
| 272 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.63 | 0.20 | 2d14/15 L=92169,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.65 | 0.21 | 2d14/15 L=92169,169,169 |
| 212 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.13 | 0.66 | 0.73 | 2d14/15 L=92169,170,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.08 | 0.67 | 0.75 | 2d14/15 L=92209,170,169 |
| 332 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.78 | 0.25 | 2d14/15 L=92191,169,169 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.67 | 0.80 | 0.26 | 2d14/15 L=92169,169,169 |
| 409 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.15 | 0.04 | 2d14/15 L=30209,189,192 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.10e-03 | 0.15 | 0.04 | 2d14/15 L=30209,189,192 |
| | | | | | | | | | | | |
| M_T= 16 Z=475.0 P=41 P=42 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 410 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.14e-03 | 0.11 | 6.17e-03 | 2d14/15 L=30169,169,169 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.11 | 3.53e-03 | 2d14/15 L=30169,169,169 |
| 159 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.61 | 0.90 | 0.30 | 2d14/15 L=92209,209,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.88 | 0.29 | 2d14/15 L=92211,209,209 |
| 313 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.08 | 0.76 | 0.86 | 2d14/15 L=92169,212,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.16 | 0.75 | 0.84 | 2d14/15 L=92209,212,209 |
| 253 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.14 | 0.73 | 0.25 | 2d14/15 L=92209,209,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.71 | 0.24 | 2d14/15 L=92209,209,209 |
| 373 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.50 | 0.16 | 2d14/15 L=92209,209,209 |

| | | | | | | | | | | | |
|----------------------------------|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|--------------------------|
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.48 | 0.16 | 2d14/15 L=92209,209,209 |
| 155 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.85 | 0.39 | 0.12 | 2d14/15 L=102211,229,229 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.87 | 0.37 | 0.11 | 2d14/15 L=102211,229,229 |
| 309 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.40 | 0.28 | 0.09 | 2d14/15 L=102209,229,229 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.26 | 0.08 | 2d14/15 L=102209,229,229 |
| 249 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.26 | 0.08 | 2d14/15 L=102209,209,209 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.39 | 0.28 | 0.09 | 2d14/15 L=102229,209,209 |
| 369 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.40 | 0.37 | 0.11 | 2d14/15 L=102229,209,209 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.39 | 0.12 | 2d14/15 L=102229,209,209 |
| 13 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.38 | 0.48 | 0.16 | 2d14/15 L=92229,229,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.50 | 0.16 | 2d14/15 L=92229,229,229 |
| 273 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.71 | 0.24 | 2d14/15 L=92229,229,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.73 | 0.25 | 2d14/15 L=92229,229,229 |
| 213 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.17 | 0.75 | 0.84 | 2d14/15 L=92229,232,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.09 | 0.76 | 0.86 | 2d14/15 L=92249,232,229 |
| 333 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.88 | 0.29 | 2d14/15 L=92231,229,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.75 | 0.90 | 0.30 | 2d14/15 L=92229,229,229 |
| 417 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.11 | 3.71e-03 | 2d14/15 L=30249,249,249 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.24e-03 | 0.11 | 6.35e-03 | 2d14/15 L=30249,249,249 |
| M_T= 15 Z=475.0 P=31 P=32 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 412 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.69e-03 | 0.06 | 7.87e-03 | 2d14/15 L=30251,251,169 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.06 | 5.22e-03 | 2d14/15 L=30249,428,169 |
| 160 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.53 | 0.76 | 0.27 | 2d14/15 L=92209,209,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.74 | 0.26 | 2d14/15 L=92211,209,209 |
| 314 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.73 | 0.25 | 2d14/15 L=92249,209,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.71 | 0.24 | 2d14/15 L=92211,209,209 |
| 254 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.13 | 0.68 | 0.22 | 2d14/15 L=92211,209,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.66 | 0.21 | 2d14/15 L=92209,209,209 |
| 374 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.53 | 0.15 | 2d14/15 L=92209,209,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.51 | 0.14 | 2d14/15 L=92209,209,209 |
| 156 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.28 | 0.11 | 2d14/15 L=102209,229,231 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.26 | 0.10 | 2d14/15 L=102209,229,231 |
| 310 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.20 | 0.09 | 2d14/15 L=102209,231,231 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.18 | 0.08 | 2d14/15 L=102209,231,231 |
| 250 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.18 | 0.08 | 2d14/15 L=102209,211,211 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.20 | 0.09 | 2d14/15 L=102229,211,211 |
| 370 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.26 | 0.10 | 2d14/15 L=102229,209,211 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.28 | 0.11 | 2d14/15 L=102229,209,211 |
| 14 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.51 | 0.14 | 2d14/15 L=92229,229,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.53 | 0.15 | 2d14/15 L=92229,229,229 |
| 274 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.66 | 0.21 | 2d14/15 L=92229,229,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.14 | 0.68 | 0.22 | 2d14/15 L=92229,229,229 |
| 214 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.71 | 0.24 | 2d14/15 L=92229,229,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.73 | 0.25 | 2d14/15 L=92249,229,229 |
| 334 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.74 | 0.26 | 2d14/15 L=92231,229,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.63 | 0.76 | 0.27 | 2d14/15 L=92229,229,229 |
| 419 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.05 | 5.41e-03 | 2d14/15 L=30249,171,249 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.67e-03 | 0.06 | 8.06e-03 | 2d14/15 L=30251,171,249 |
| M_T= 14 Z=475.0 P=17 P=18 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 414 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.66e-03 | 0.07 | 7.92e-03 | 2d14/15 L=30249,1,251 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.06 | 5.27e-03 | 2d14/15 L=30251,1,251 |
| 161 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.44 | 0.76 | 0.24 | 2d14/15 L=92211,209,211 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.74 | 0.24 | 2d14/15 L=92209,209,211 |
| 315 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.06 | 0.58 | 0.74 | 2d14/15 L=92251,201,209 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.14 | 0.56 | 0.72 | 2d14/15 L=92209,201,209 |
| 255 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.63 | 0.20 | 2d14/15 L=92209,209,211 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.61 | 0.19 | 2d14/15 L=92211,209,211 |
| 375 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.21 | 0.45 | 0.14 | 2d14/15 L=92211,209,211 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.44 | 0.13 | 2d14/15 L=92211,209,211 |
| 157 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.34 | 0.10 | 2d14/15 L=102211,229,229 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.32 | 0.09 | 2d14/15 L=102211,229,229 |
| 311 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.26 | 0.08 | 2d14/15 L=102211,229,229 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.24 | 0.07 | 2d14/15 L=102211,229,229 |
| 251 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.24 | 0.07 | 2d14/15 L=102211,209,209 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.26 | 0.08 | 2d14/15 L=102231,209,209 |
| 371 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.32 | 0.09 | 2d14/15 L=102231,209,209 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.34 | 0.10 | 2d14/15 L=102231,209,209 |
| 15 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.30 | 0.44 | 0.13 | 2d14/15 L=92231,229,231 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.45 | 0.14 | 2d14/15 L=92231,229,231 |
| 275 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.61 | 0.19 | 2d14/15 L=92231,229,231 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.63 | 0.20 | 2d14/15 L=92229,229,231 |
| 215 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.14 | 0.56 | 0.72 | 2d14/15 L=92231,221,229 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.06 | 0.58 | 0.74 | 2d14/15 L=923,221,229 |
| 335 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.74 | 0.24 | 2d14/15 L=92229,229,231 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.52 | 0.76 | 0.24 | 2d14/15 L=92231,229,231 |

| | | | | | | | | | | | |
|--|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|--------------------------|
| 421 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.06 | 5.07e-03 | 2d14/15 L=30171,1,171 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.62e-03 | 0.07 | 7.72e-03 | 2d14/15 L=30249,1,171 |
| M_T= 13 Z=475.0 P=7 P=8 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 416 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.15e-03 | 0.09 | 6.50e-03 | 2d14/15 L=30243,251,251 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.08 | 3.85e-03 | 2d14/15 L=30251,251,251 |
| 162 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.38 | 0.60 | 0.23 | 2d14/15 L=92211,209,211 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.59 | 0.22 | 2d14/15 L=92209,209,211 |
| 316 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.59 | 0.21 | 2d14/15 L=92251,209,211 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.13 | 0.58 | 0.20 | 2d14/15 L=92211,209,211 |
| 256 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.57 | 0.19 | 2d14/15 L=92211,209,211 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.55 | 0.18 | 2d14/15 L=92211,209,211 |
| 376 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.45 | 0.13 | 2d14/15 L=92211,211,211 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.44 | 0.12 | 2d14/15 L=92211,211,211 |
| 158 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.22 | 0.09 | 2d14/15 L=102211,231,231 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.20 | 0.08 | 2d14/15 L=102211,231,231 |
| 312 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.15 | 0.07 | 2d14/15 L=102211,231,231 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.13 | 0.06 | 2d14/15 L=102211,231,231 |
| 252 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.13 | 0.06 | 2d14/15 L=102211,211,211 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.15 | 0.07 | 2d14/15 L=102231,211,211 |
| 372 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.20 | 0.08 | 2d14/15 L=102231,211,211 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.22 | 0.09 | 2d14/15 L=102231,211,211 |
| 16 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.44 | 0.12 | 2d14/15 L=92231,231,231 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.45 | 0.13 | 2d14/15 L=92231,231,231 |
| 276 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.21 | 0.55 | 0.18 | 2d14/15 L=92231,229,231 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.57 | 0.19 | 2d14/15 L=92231,229,231 |
| 216 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.13 | 0.58 | 0.20 | 2d14/15 L=92231,229,231 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.59 | 0.21 | 2d14/15 L=92171,229,231 |
| 336 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.59 | 0.22 | 2d14/15 L=92229,229,231 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.44 | 0.60 | 0.23 | 2d14/15 L=92231,229,231 |
| 423 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.08 | 3.68e-03 | 2d14/15 L=30171,171,171 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.14e-03 | 0.08 | 6.33e-03 | 2d14/15 L=30163,171,171 |
| M_T= 4 Z=475.0 P=35 P=36 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 17 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.22e-03 | 0.17 | 0.05 | 2d14/15 L=40 49,29,32 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.18 | 0.05 | 2d14/15 L=40 49,29,31 |
| 337 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.62 | 0.78 | 0.26 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.76 | 0.25 | 2d14/15 L=92 31,49,49 |
| 381 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.08 | 0.72 | 0.24 | 2d14/15 L=92109,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.71 | 0.23 | 2d14/15 L=92 49,49,49 |
| 377 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.63 | 0.21 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.62 | 0.20 | 2d14/15 L=92 49,49,49 |
| 21 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.56 | 0.18 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.55 | 0.18 | 2d14/15 L=92 49,49,49 |
| 91 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.50 | 0.15 | 2d14/15 L=102 49,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.48 | 0.15 | 2d14/15 L=102 49,49,49 |
| 293 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.20 | 0.07 | 2d14/15 L=102 49,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.40 | 0.18 | 0.06 | 2d14/15 L=102 49,49,49 |
| 233 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.41 | 0.18 | 0.06 | 2d14/15 L=102 49,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.20 | 0.07 | 2d14/15 L=102 49,49,49 |
| 353 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.87 | 0.47 | 0.15 | 2d14/15 L=102 49,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.79 | 0.49 | 0.15 | 2d14/15 L=102 49,49,49 |
| 221 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.54 | 0.18 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.56 | 0.18 | 2d14/15 L=92 49,49,49 |
| 294 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.62 | 0.20 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.63 | 0.21 | 2d14/15 L=92 49,49,49 |
| 234 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.71 | 0.23 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.72 | 0.24 | 2d14/15 L=92109,49,49 |
| 354 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.77 | 0.25 | 2d14/15 L=92 71,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.69 | 0.79 | 0.26 | 2d14/15 L=92 49,49,49 |
| 393 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.15 | 0.04 | 2d14/15 L=30109,69,72 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.39e-03 | 0.15 | 0.04 | 2d14/15 L=30109,69,72 |
| M_T= 3 Z=475.0 P=25 P=26 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 18 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.92e-03 | 0.09 | 0.03 | 2d14/15 L=40 31,31,32 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.10 | 0.04 | 2d14/15 L=40 49,31,32 |
| 338 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.52 | 0.68 | 0.24 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.66 | 0.23 | 2d14/15 L=92 31,49,49 |
| 382 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.66 | 0.21 | 2d14/15 L=92109,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.64 | 0.21 | 2d14/15 L=92 51,49,49 |
| 378 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.08 | 0.62 | 0.19 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.60 | 0.18 | 2d14/15 L=92 49,49,49 |
| 22 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.52 | 0.16 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.51 | 0.16 | 2d14/15 L=92 49,49,49 |
| 89 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.40 | 0.14 | 2d14/15 L=102 49,51,51 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.38 | 0.13 | 2d14/15 L=102 49,51,51 |
| 291 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.17 | 0.06 | 2d14/15 L=102 49,51,51 |

| | | | | | | | | | | | |
|---|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|------------------------|
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.15 | 0.05 | 2d14/15 L=102 49,51,51 |
| 231 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.15 | 0.05 | 2d14/15 L=102 49,51,51 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.17 | 0.06 | 2d14/15 L=102 49,51,51 |
| 351 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.38 | 0.13 | 2d14/15 L=102 49,51,51 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.40 | 0.14 | 2d14/15 L=102 49,51,51 |
| 90 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.51 | 0.16 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.17 | 0.52 | 0.16 | 2d14/15 L=92 49,49,49 |
| 292 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.18 | 0.60 | 0.18 | 2d14/15 L=92 49,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.62 | 0.19 | 2d14/15 L=92 51,49,49 |
| 232 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.65 | 0.21 | 2d14/15 L=92 51,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.08 | 0.66 | 0.21 | 2d14/15 L=92109,49,49 |
| 352 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.67 | 0.23 | 2d14/15 L=92 71,49,49 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.60 | 0.69 | 0.24 | 2d14/15 L=92 49,49,49 |
| 395 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.08 | 0.02 | 2d14/15 L=30109,71,72 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.89e-03 | 0.07 | 0.02 | 2d14/15 L=30111,71,72 |
| M_T= 2 Z=475.0 P=11 P=12 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 19 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.81e-03 | 0.08 | 0.02 | 2d14/15 L=40109,29,30 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.09 | 0.02 | 2d14/15 L=40111,29,30 |
| 339 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.43 | 0.65 | 0.22 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.03 | 0.63 | 0.21 | 2d14/15 L=92 29,49,51 |
| 383 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.61 | 0.20 | 2d14/15 L=92111,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.59 | 0.19 | 2d14/15 L=92 49,49,51 |
| 379 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.08 | 0.55 | 0.18 | 2d14/15 L=92 49,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.53 | 0.17 | 2d14/15 L=92 51,49,51 |
| 23 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.50 | 0.15 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.49 | 0.15 | 2d14/15 L=92 51,49,51 |
| 87 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.21 | 0.47 | 0.12 | 2d14/15 L=102 51,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.45 | 0.11 | 2d14/15 L=92 51,49,49 |
| 289 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.20 | 0.05 | 2d14/15 L=102 51,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.18 | 0.04 | 2d14/15 L=102 51,49,49 |
| 229 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.17 | 0.04 | 2d14/15 L=102 51,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.19 | 0.05 | 2d14/15 L=102 51,49,49 |
| 349 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.44 | 0.11 | 2d14/15 L=102 51,49,49 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.46 | 0.12 | 2d14/15 L=102 51,49,49 |
| 88 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.23 | 0.49 | 0.15 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.50 | 0.15 | 2d14/15 L=92 51,49,51 |
| 290 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.16 | 0.53 | 0.17 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.08 | 0.55 | 0.18 | 2d14/15 L=92 49,49,51 |
| 230 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.10 | 0.60 | 0.19 | 2d14/15 L=92 49,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.61 | 0.20 | 2d14/15 L=92111,49,51 |
| 350 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.03 | 0.63 | 0.21 | 2d14/15 L=92 69,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.51 | 0.65 | 0.22 | 2d14/15 L=92 51,49,51 |
| 397 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.07 | 0.02 | 2d14/15 L=30111,69,70 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.88e-03 | 0.07 | 0.01 | 2d14/15 L=30 49,49,70 |
| M_T= 1 Z=475.0 P=1 P=2 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 20 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.13e-03 | 0.10 | 0.03 | 2d14/15 L=40111,31,30 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.11 | 0.04 | 2d14/15 L=40111,31,29 |
| 340 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.36 | 0.54 | 0.21 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.03 | 0.52 | 0.20 | 2d14/15 L=92412,49,51 |
| 384 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.53 | 0.19 | 2d14/15 L=92111,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.51 | 0.18 | 2d14/15 L=92 51,49,51 |
| 380 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.51 | 0.17 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.49 | 0.16 | 2d14/15 L=92 51,51,51 |
| 24 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.14 | 0.46 | 0.14 | 2d14/15 L=92 51,51,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.44 | 0.14 | 2d14/15 L=92 51,51,51 |
| 67 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.31 | 0.11 | 2d14/15 L=102 51,51,51 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.29 | 0.10 | 2d14/15 L=102 51,51,51 |
| 285 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.13 | 0.05 | 2d14/15 L=102 51,51,51 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.11 | 0.04 | 2d14/15 L=102 51,51,51 |
| 225 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.11 | 0.04 | 2d14/15 L=102 51,51,51 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.13 | 0.05 | 2d14/15 L=102 51,51,51 |
| 345 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.29 | 0.10 | 2d14/15 L=102 51,51,51 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.31 | 0.11 | 2d14/15 L=102 51,51,51 |
| 68 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.21 | 0.44 | 0.14 | 2d14/15 L=92 51,51,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.14 | 0.46 | 0.14 | 2d14/15 L=92 51,51,51 |
| 286 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.50 | 0.16 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.08 | 0.51 | 0.17 | 2d14/15 L=92 51,49,51 |
| 226 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.09 | 0.52 | 0.18 | 2d14/15 L=92 51,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.06 | 0.53 | 0.19 | 2d14/15 L=92111,49,51 |
| 346 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.03 | 0.53 | 0.20 | 2d14/15 L=92 69,49,51 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.44 | 0.55 | 0.21 | 2d14/15 L=92 51,49,51 |
| 399 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.10 | 0.03 | 2d14/15 L=30111,71,70 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.17e-03 | 0.09 | 0.02 | 2d14/15 L=30103,71,70 |
| M_T= 20 Z=475.0 N=33 N=39 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |

| | | | | | | | | | | | |
|---------------------------|---------|-------|------|---------|---------|----------|------|-------|-----------|-----------|------------------------|
| 25 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.11 | 6.95e-03 | 2d8/3 L=160 51,52,52 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.09 | 4.40e-03 | 2d8/3 L=160 51,52,52 |
| 26 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.27 | 0.01 | 2d8/3 L=80 51,51,51 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.25 | 0.01 | 2d8/3 L=80 52,51,51 |
| 425 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.09 | 5.40e-03 | 2d8/3 L=80 50,52,52 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.07 | 4.13e-03 | 2d8/3 L=80 52,52,52 |
| 27 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.06 | 2.21e-03 | 2d8/3 L=160 41,50,67 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 3.35e-03 | 2d8/3 L=160 49,50,50 |
| M_T= 21 Z=475.0 N=34 N=40 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 30 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.11 | 7.05e-03 | 2d8/3 L=160 51,52,52 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.09 | 4.49e-03 | 2d8/3 L=160 51,52,52 |
| 29 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.27 | 0.01 | 2d8/3 L=80 51,51,51 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.25 | 0.01 | 2d8/3 L=80 52,51,51 |
| 426 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.09 | 5.58e-03 | 2d8/3 L=80 50,52,52 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.08 | 4.31e-03 | 2d8/3 L=80 52,52,52 |
| 28 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.05 | 2.46e-03 | 2d8/3 L=160 41,51,67 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.07 | 3.14e-03 | 2d8/3 L=160 49,50,50 |
| M_T= 22 Z=475.0 N=41 N=47 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 31 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.12 | 7.50e-03 | 2d8/3 L=160111,110,112 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.04 | 0.10 | 4.94e-03 | 2d8/3 L=160111,110,112 |
| 32 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.04 | 0.27 | 0.01 | 2d8/3 L=80111,111,111 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.25 | 9.69e-03 | 2d8/3 L=80112,111,112 |
| 427 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.09 | 3.81e-03 | 2d8/3 L=80110,112,112 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.08 | 3.25e-03 | 2d8/3 L=80121,112,41 |
| 33 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.06 | 2.58e-03 | 2d8/3 L=160101,111,87 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 2.91e-03 | 2d8/3 L=160109,110,110 |
| M_T= 23 Z=475.0 N=42 N=48 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 36 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.12 | 7.14e-03 | 2d8/3 L=160111,110,112 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.09 | 4.59e-03 | 2d8/3 L=160111,110,112 |
| 35 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.28 | 0.01 | 2d8/3 L=80111,111,111 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.26 | 0.01 | 2d8/3 L=80112,111,111 |
| 428 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.10 | 6.55e-03 | 2d8/3 L=80110,112,112 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.09 | 5.27e-03 | 2d8/3 L=80112,112,112 |
| 34 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.06 | 2.47e-03 | 2d8/3 L=160101,111,127 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 3.11e-03 | 2d8/3 L=160109,110,110 |
| M_T= 24 Z=475.0 N=49 N=55 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 37 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.12 | 7.33e-03 | 2d8/3 L=160171,170,172 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.10 | 4.78e-03 | 2d8/3 L=160171,170,172 |
| 38 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.28 | 0.01 | 2d8/3 L=80171,171,171 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.26 | 0.01 | 2d8/3 L=80172,171,171 |
| 429 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.09 | 5.94e-03 | 2d8/3 L=80170,172,172 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.08 | 4.66e-03 | 2d8/3 L=80172,172,172 |
| 39 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.06 | 2.33e-03 | 2d8/3 L=160161,171,187 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 2.97e-03 | 2d8/3 L=160169,170,170 |
| M_T= 25 Z=475.0 N=50 N=56 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 42 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.12 | 7.33e-03 | 2d8/3 L=160171,170,172 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.10 | 4.77e-03 | 2d8/3 L=160171,170,172 |
| 41 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.28 | 0.01 | 2d8/3 L=80171,171,171 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.26 | 0.01 | 2d8/3 L=80172,171,171 |
| 430 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.09 | 5.94e-03 | 2d8/3 L=80170,172,172 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.08 | 4.66e-03 | 2d8/3 L=80172,172,172 |
| 40 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.06 | 2.55e-03 | 2d8/3 L=160161,171,187 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 2.96e-03 | 2d8/3 L=160169,170,170 |
| M_T= 26 Z=475.0 N=57 N=63 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 43 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.10 | 6.89e-03 | 2d8/3 L=160211,210,212 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 4.33e-03 | 2d8/3 L=160211,210,212 |
| 44 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.42 | 0.04 | 2d8/3 L=80211,211,211 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.40 | 0.03 | 2d8/3 L=80212,211,211 |
| 431 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.16 | 0.01 | 2d8/3 L=80210,209,209 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.18 | 0.02 | 2d8/3 L=80428,209,209 |
| 45 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.06 | 2.49e-03 | 2d8/3 L=160201,231,207 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.07 | 2.63e-03 | 2d8/3 L=160209,230,230 |
| M_T= 27 Z=475.0 N=58 N=64 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 48 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.10 | 6.90e-03 | 2d8/3 L=160231,230,232 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 4.34e-03 | 2d8/3 L=160231,230,232 |
| 47 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.42 | 0.04 | 2d8/3 L=80231,231,231 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.40 | 0.03 | 2d8/3 L=80232,231,231 |
| 432 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.16 | 0.01 | 2d8/3 L=80230,229,229 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.18 | 0.02 | 2d8/3 L=80221,229,229 |
| 46 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.06 | 2.48e-03 | 2d8/3 L=160221,211,227 |

| | | | | | | | | | | |
|----------------------------------|-------|------|---------|---------|----------|------|----------|-----------|-----------|-------------------------|
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.07 | 2.64e-03 | 2d8/3 L=160229,210,210 |
| M_T= 28 Z=475.0 N=6 N=65 | | | | | | | | | | |
| Trave Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 49 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.10 | 6.80e-03 | 2d8/3 L=160251,250,252 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 4.24e-03 | 2d8/3 L=160251,252,252 |
| 50 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.42 | 0.04 | 2d8/3 L=80251,251,251 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.40 | 0.03 | 2d8/3 L=80252,251,251 |
| 433 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.16 | 0.01 | 2d8/3 L=80250,249,249 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.18 | 0.02 | 2d8/3 L=80420,249,249 |
| 51 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.06 | 2.50e-03 | 2d8/3 L=160241,251,247 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.07 | 2.63e-03 | 2d8/3 L=160 249,2,2 |
| M_T= 29 Z=475.0 N=8 N=66 | | | | | | | | | | |
| Trave Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 54 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.10 | 6.69e-03 | 2d8/3 L=160 3,2,4 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.08 | 4.13e-03 | 2d8/3 L=160 3,4,4 |
| 53 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.10 | 0.42 | 0.04 | 2d8/3 L=80 3,3,3 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.40 | 0.03 | 2d8/3 L=80 4,3,3 |
| 434 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.16 | 0.01 | 2d8/3 L=80 2,1,1 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.18 | 0.02 | 2d8/3 L=80 420,1,1 |
| 52 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.06 | 2.33e-03 | 2d8/3 L=160 5,251,11 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.07 | 2.77e-03 | 2d8/3 L=1601,250,250 |
| M_T= 30 Z=475.0 P=2 P=36 | | | | | | | | | | |
| Trave Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 57 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.12 | 6.54e-03 | 2d8/3 L=160 63,50,50 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.08 | 0.15 | 9.09e-03 | 2d8/3 L=160 70,50,50 |
| 56 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.35 | 0.03 | 2d8/3 L=80 71,71,71 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.07 | 0.33 | 0.03 | 2d8/3 L=80 72,71,71 |
| 435 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.42 | 0.04 | 2d8/3 L=80 70,70,69 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.14 | 0.44 | 0.04 | 2d8/3 L=80 69,69,69 |
| 55 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.16 | 9.59e-03 | 2d8/3 L=160 72,49,49 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.20 | 0.01 | 2d8/3 L=160 49,49,49 |
| M_T= 31 Z=475.0 P=4 P=38 | | | | | | | | | | |
| Trave Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 60 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.13 | 6.82e-03 | 2d8/3 L=160123,110,110 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.08 | 0.16 | 9.38e-03 | 2d8/3 L=160130,110,110 |
| 59 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.35 | 0.03 | 2d8/3 L=80131,131,131 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.07 | 0.33 | 0.03 | 2d8/3 L=80132,131,131 |
| 436 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.43 | 0.04 | 2d8/3 L=80130,130,129 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.14 | 0.44 | 0.04 | 2d8/3 L=80129,129,129 |
| 58 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.18 | 0.01 | 2d8/3 L=160132,109,109 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.12 | 0.21 | 0.01 | 2d8/3 L=160109,109,109 |
| M_T= 32 Z=475.0 P=6 P=40 | | | | | | | | | | |
| Trave Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 63 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.14 | 7.07e-03 | 2d8/3 L=160183,170,170 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.08 | 0.16 | 9.62e-03 | 2d8/3 L=160190,170,170 |
| 62 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.35 | 0.03 | 2d8/3 L=80191,191,191 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.07 | 0.33 | 0.03 | 2d8/3 L=80192,191,191 |
| 437 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.43 | 0.04 | 2d8/3 L=80192,190,189 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.14 | 0.44 | 0.04 | 2d8/3 L=80189,189,189 |
| 61 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.18 | 0.01 | 2d8/3 L=160192,169,169 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.12 | 0.21 | 0.01 | 2d8/3 L=160169,169,169 |
| M_T= 33 Z=475.0 P=8 P=42 | | | | | | | | | | |
| Trave Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 66 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.14 | 7.25e-03 | 2d8/3 L=160243,230,230 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.07 | 0.17 | 9.81e-03 | 2d8/3 L=160230,230,230 |
| 65 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.17 | 3.73e-03 | 2d8/3 L=80424,230,243 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.18 | 3.19e-03 | 2d8/3 L=80424,229,230 |
| 438 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.14 | 0.01 | 2d8/3 L=80429,230,229 |
| s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.15 | 0.01 | 2d8/3 L=80229,229,229 |
| 64 ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.18 | 0.01 | 2d8/3 L=160209,229,229 |
| s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.12 | 0.21 | 0.01 | 2d8/3 L=160229,229,229 |
| M_T= 38 Z=475.0 P=43 P=44 | | | | | | | | | | |
| Trave Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 418 ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.24e-03 | 0.11 | 6.56e-03 | 2d14/15 L=30229,229,229 |
| s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.11 | 3.91e-03 | 2d14/15 L=30229,229,229 |
| 167 ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.65 | 0.90 | 0.30 | 2d14/15 L=92249,249,249 |
| s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.88 | 0.29 | 2d14/15 L=92251,249,249 |
| 321 ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.09 | 0.76 | 0.85 | 2d14/15 L=92229,250,249 |
| s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.16 | 0.75 | 0.83 | 2d14/15 L=92249,250,249 |
| 261 ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.14 | 0.72 | 0.25 | 2d14/15 L=92249,249,249 |
| s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.71 | 0.24 | 2d14/15 L=92251,249,249 |
| 277 ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.49 | 0.16 | 2d14/15 L=92249,249,249 |
| s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.48 | 0.16 | 2d14/15 L=92249,249,249 |
| 163 ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.39 | 0.12 | 2d14/15 L=102 249,1,1 |
| s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.39 | 0.37 | 0.11 | 2d14/15 L=102 249,1,1 |
| 317 ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.89 | 0.27 | 0.09 | 2d14/15 L=102 251,1,1 |
| s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.85 | 0.25 | 0.08 | 2d14/15 L=102 251,1,1 |

| | | | | | | | | | | | |
|--|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|--------------------------|
| 257 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.26 | 0.08 | 2d14/15 L=102249,249,249 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.39 | 0.28 | 0.09 | 2d14/15 L=1021,249,249 |
| 217 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.89 | 0.37 | 0.11 | 2d14/15 L=1023,249,249 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.87 | 0.39 | 0.12 | 2d14/15 L=1023,249,249 |
| 341 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.37 | 0.48 | 0.16 | 2d14/15 L=92 1,1,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.49 | 0.16 | 2d14/15 L=92 1,1,1 |
| 389 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.71 | 0.24 | 2d14/15 L=92 1,1,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.72 | 0.25 | 2d14/15 L=92 1,1,1 |
| 385 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.16 | 0.75 | 0.83 | 2d14/15 L=92 1,2,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.08 | 0.76 | 0.85 | 2d14/15 L=92 229,2,1 |
| 92 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.87 | 0.29 | 2d14/15 L=92 3,1,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.84 | 0.89 | 0.30 | 2d14/15 L=92 1,1,1 |
| 281 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.10 | 2.11e-03 | 2d14/15 L=40249,249,250 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 3.13e-03 | 0.10 | 5.41e-03 | 2d14/15 L=40249,249,249 |
| <div> <div>M_T= 19</div> <div>Z=475.0</div> <div>P=33</div> <div>P=34</div> </div> | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 420 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.75e-03 | 0.06 | 8.30e-03 | 2d14/15 L=303,231,229 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.06 | 5.65e-03 | 2d14/15 L=30229,231,229 |
| 168 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.57 | 0.75 | 0.27 | 2d14/15 L=92249,249,249 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.74 | 0.26 | 2d14/15 L=92251,249,249 |
| 322 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.73 | 0.25 | 2d14/15 L=92229,249,249 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.71 | 0.24 | 2d14/15 L=92251,249,249 |
| 262 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.13 | 0.68 | 0.22 | 2d14/15 L=92251,249,249 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.66 | 0.21 | 2d14/15 L=92249,249,249 |
| 278 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.53 | 0.15 | 2d14/15 L=92249,249,249 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.51 | 0.14 | 2d14/15 L=92249,249,249 |
| 164 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.28 | 0.11 | 2d14/15 L=102 249,1,3 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.26 | 0.10 | 2d14/15 L=102 249,1,3 |
| 318 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.36 | 0.20 | 0.09 | 2d14/15 L=102 249,3,3 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.18 | 0.08 | 2d14/15 L=102 249,3,3 |
| 258 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.32 | 0.18 | 0.08 | 2d14/15 L=102249,251,251 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.20 | 0.09 | 2d14/15 L=1021,251,251 |
| 218 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.35 | 0.26 | 0.10 | 2d14/15 L=1021,249,251 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.28 | 0.11 | 2d14/15 L=1021,249,251 |
| 342 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.33 | 0.51 | 0.14 | 2d14/15 L=92 1,1,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.24 | 0.53 | 0.15 | 2d14/15 L=92 1,1,1 |
| 390 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.66 | 0.21 | 2d14/15 L=92 1,1,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.13 | 0.68 | 0.22 | 2d14/15 L=92 3,1,1 |
| 386 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.15 | 0.70 | 0.24 | 2d14/15 L=92 3,1,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.72 | 0.25 | 2d14/15 L=92 229,1,1 |
| 222 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.73 | 0.26 | 2d14/15 L=92 3,1,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.69 | 0.75 | 0.27 | 2d14/15 L=92 1,1,1 |
| 282 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.05 | 4.25e-03 | 2d14/15 L=40249,231,249 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.85e-03 | 0.05 | 7.78e-03 | 2d14/15 L=40231,231,249 |
| <div> <div>M_T= 18</div> <div>Z=475.0</div> <div>P=19</div> <div>P=20</div> </div> | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 422 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.77e-03 | 0.07 | 7.84e-03 | 2d14/15 L=30 1,1,3 |
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.07 | 5.19e-03 | 2d14/15 L=30 3,1,3 |
| 169 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.48 | 0.76 | 0.25 | 2d14/15 L=92251,249,251 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.74 | 0.24 | 2d14/15 L=92249,249,251 |
| 323 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.06 | 0.57 | 0.73 | 2d14/15 L=92231,241,249 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.13 | 0.55 | 0.71 | 2d14/15 L=92249,241,249 |
| 263 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.63 | 0.20 | 2d14/15 L=92249,249,251 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.61 | 0.19 | 2d14/15 L=92251,249,251 |
| 279 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.21 | 0.45 | 0.14 | 2d14/15 L=92251,249,251 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.43 | 0.13 | 2d14/15 L=92251,249,251 |
| 165 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.33 | 0.10 | 2d14/15 L=102 251,1,1 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.31 | 0.09 | 2d14/15 L=102 251,1,1 |
| 319 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.26 | 0.08 | 2d14/15 L=102 251,1,1 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.24 | 0.07 | 2d14/15 L=102 251,1,1 |
| 259 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.24 | 0.07 | 2d14/15 L=102251,249,249 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.26 | 0.08 | 2d14/15 L=1023,249,249 |
| 219 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.31 | 0.32 | 0.09 | 2d14/15 L=1023,249,249 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.34 | 0.10 | 2d14/15 L=1023,249,249 |
| 343 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.29 | 0.43 | 0.13 | 2d14/15 L=92 3,1,3 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.45 | 0.14 | 2d14/15 L=92 3,1,3 |
| 391 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.22 | 0.61 | 0.19 | 2d14/15 L=92 3,1,3 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.62 | 0.20 | 2d14/15 L=92 1,1,3 |
| 387 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.14 | 0.70 | 0.71 | 2d14/15 L=92 1,3,1 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 4.0 | 0.64 | 0.07 | 0.72 | 0.73 | 2d14/15 L=92 231,3,1 |
| 223 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.74 | 0.24 | 2d14/15 L=92 1,1,3 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.54 | 0.75 | 0.24 | 2d14/15 L=92 3,1,3 |
| 283 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.06 | 4.49e-03 | 2d14/15 L=40231,1,231 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.75e-03 | 0.07 | 8.02e-03 | 2d14/15 L=40229,1,231 |
| <div> <div>M_T= 17</div> <div>Z=475.0</div> <div>P=9</div> <div>P=10</div> </div> | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 424 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.10e-03 | 0.08 | 6.91e-03 | 2d14/15 L=30163,171,3 |

| | | | | | | | | | | | |
|----------------------------------|---------|-------|------|---------|---------|----------|------|----------|-----------|-----------|--------------------------|
| | s=4,m=2 | 30.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.08 | 4.26e-03 | 2d14/15 L=30231,171,3 |
| 170 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.41 | 0.60 | 0.23 | 2d14/15 L=92251,249,251 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.04 | 0.58 | 0.22 | 2d14/15 L=92249,249,251 |
| 324 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.59 | 0.21 | 2d14/15 L=92231,249,251 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.12 | 0.57 | 0.20 | 2d14/15 L=92251,249,251 |
| 264 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.57 | 0.19 | 2d14/15 L=92251,249,251 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.55 | 0.18 | 2d14/15 L=92251,249,251 |
| 280 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.19 | 0.45 | 0.13 | 2d14/15 L=92251,251,251 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.44 | 0.12 | 2d14/15 L=92251,251,251 |
| 166 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.22 | 0.09 | 2d14/15 L=102 251,3,3 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.27 | 0.20 | 0.08 | 2d14/15 L=102 251,3,3 |
| 320 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.16 | 0.07 | 2d14/15 L=102 251,3,3 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.25 | 0.14 | 0.06 | 2d14/15 L=102 251,3,3 |
| 260 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.14 | 0.06 | 2d14/15 L=102251,250,251 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.15 | 0.07 | 2d14/15 L=1023,251,251 |
| 220 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.28 | 0.20 | 0.08 | 2d14/15 L=1023,251,251 |
| | s=4,m=2 | 102.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.22 | 0.09 | 2d14/15 L=1023,251,251 |
| 344 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.26 | 0.43 | 0.12 | 2d14/15 L=92 3,3,3 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.20 | 0.45 | 0.13 | 2d14/15 L=92 3,3,3 |
| 392 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.21 | 0.55 | 0.18 | 2d14/15 L=92 3,3,3 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.11 | 0.57 | 0.19 | 2d14/15 L=92 3,1,3 |
| 388 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.13 | 0.57 | 0.20 | 2d14/15 L=92 3,1,3 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.07 | 0.59 | 0.21 | 2d14/15 L=92 231,1,3 |
| 224 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.05 | 0.58 | 0.22 | 2d14/15 L=92 1,1,3 |
| | s=4,m=2 | 92.1 | 2.06 | 81.1 | 21.2 | 0.0 | 0.06 | 0.44 | 0.60 | 0.23 | 2d14/15 L=92 3,1,3 |
| 284 | ok,ok | 0.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 0.02 | 0.07 | 3.10e-03 | 2d14/15 L=40231,231,232 |
| | s=4,m=2 | 40.0 | 2.06 | 81.1 | 21.2 | 0.0 | 0.64 | 2.15e-03 | 0.08 | 6.39e-03 | 2d14/15 L=40223,231,231 |
| M_T= 51 Z=475.0 P=3 P=37 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 173 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.12 | 6.09e-03 | 2d8/3 L=16083,110,110 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.08 | 0.14 | 8.65e-03 | 2d8/3 L=16090,110,110 |
| 172 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.34 | 0.03 | 2d8/3 L=80 91,91,91 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.07 | 0.32 | 0.03 | 2d8/3 L=80 92,91,91 |
| 439 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.41 | 0.04 | 2d8/3 L=80 90,90,89 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.14 | 0.42 | 0.04 | 2d8/3 L=80 89,90,89 |
| 171 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.16 | 9.50e-03 | 2d8/3 L=16091,109,109 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.19 | 0.01 | 2d8/3 L=160109,109,109 |
| M_T= 52 Z=475.0 P=5 P=39 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 176 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.14 | 7.06e-03 | 2d8/3 L=160143,170,170 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.07 | 0.16 | 9.62e-03 | 2d8/3 L=160170,170,170 |
| 175 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.22 | 0.02 | 2d8/3 L=80151,151,151 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.21 | 0.01 | 2d8/3 L=80152,151,151 |
| 440 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.21 | 0.02 | 2d8/3 L=80150,150,149 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.08 | 0.22 | 0.02 | 2d8/3 L=80149,149,149 |
| 174 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.18 | 0.01 | 2d8/3 L=160144,169,169 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.12 | 0.21 | 0.01 | 2d8/3 L=160169,169,169 |
| M_T= 53 Z=475.0 P=7 P=41 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 179 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.14 | 7.26e-03 | 2d8/3 L=160163,210,210 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.07 | 0.17 | 9.82e-03 | 2d8/3 L=160210,210,210 |
| 178 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.17 | 3.73e-03 | 2d8/3 L=80426,210,163 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.18 | 3.19e-03 | 2d8/3 L=80426,209,210 |
| 441 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.14 | 0.01 | 2d8/3 L=80431,210,209 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.06 | 0.15 | 0.01 | 2d8/3 L=80209,209,209 |
| 177 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.18 | 0.01 | 2d8/3 L=160229,209,209 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.12 | 0.21 | 0.01 | 2d8/3 L=160209,209,209 |
| M_T= 54 Z=475.0 P=9 P=43 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 182 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.14 | 7.18e-03 | 2d8/3 L=160223,250,250 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.07 | 0.16 | 9.73e-03 | 2d8/3 L=160250,250,250 |
| 181 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.17 | 3.73e-03 | 2d8/3 L=80426,250,223 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 7.28e-03 | 0.18 | 3.08e-03 | 2d8/3 L=80428,249,250 |
| 442 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.13 | 0.01 | 2d8/3 L=80425,250,249 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.14 | 0.01 | 2d8/3 L=80249,249,249 |
| 180 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.18 | 0.01 | 2d8/3 L=1601,249,249 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.12 | 0.21 | 0.01 | 2d8/3 L=160249,249,249 |
| M_T= 59 Z=475.0 P=10 P=44 | | | | | | | | | | | |
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | Staffe Rif. cmb |
| 197 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.03 | 0.13 | 6.72e-03 | 2d8/3 L=160 223,2,2 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.07 | 0.16 | 9.28e-03 | 2d8/3 L=160 2,2,2 |
| 196 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.15 | 4.00e-03 | 2d8/3 L=80 2,2,223 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 5.17e-03 | 0.16 | 2.29e-03 | 2d8/3 L=80 429,1,2 |
| 443 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.02 | 0.13 | 0.01 | 2d8/3 L=80 429,2,1 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.05 | 0.15 | 0.01 | 2d8/3 L=80 1,1,1 |
| 195 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.01 | 0.17 | 9.95e-03 | 2d8/3 L=160 250,1,1 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.12 | 0.20 | 0.01 | 2d8/3 L=160 1,1,1 |

| | | | | | | | | M_T= 60 | Z=475.0 | P=1 | P=35 | | |
|-------|---------|-------|------|---------|---------|----------|------|---------|-----------|-----------|------|-------------|----------|
| Trave | Note | Pos. | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | | Staffe | Rif. cmb |
| 198 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.12 | 6.13e-03 | | 2d8/3 L=160 | 23,50,50 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.08 | 0.14 | 8.68e-03 | | 2d8/3 L=160 | 30,50,50 |
| 199 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.32 | 0.03 | | 2d8/3 L=80 | 31,31,31 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.07 | 0.31 | 0.03 | | 2d8/3 L=80 | 32,32,31 |
| 444 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.08 | 0.45 | 0.04 | | 2d8/3 L=80 | 30,30,29 |
| | s=3,m=2 | 80.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.13 | 0.46 | 0.04 | | 2d8/3 L=80 | 29,29,29 |
| 200 | ok,ok | 0.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.15 | 0.04 | 0.16 | 9.35e-03 | | 2d8/3 L=160 | 31,49,49 |
| | s=3,m=2 | 160.0 | 1.05 | 12.6 | 6.3 | 0.0 | 0.06 | 0.11 | 0.19 | 0.01 | | 2d8/3 L=160 | 49,49,49 |
| Trave | | | %Af | Af inf. | Af. sup | Af long. | x/d | V N/M | V V/T cls | V V/T acc | | | |
| | | | 2.06 | 81.12 | 21.24 | 4.02 | 0.64 | 0.97 | 0.90 | 0.86 | | | |



71_PRO_CA_PIL_VER_NM



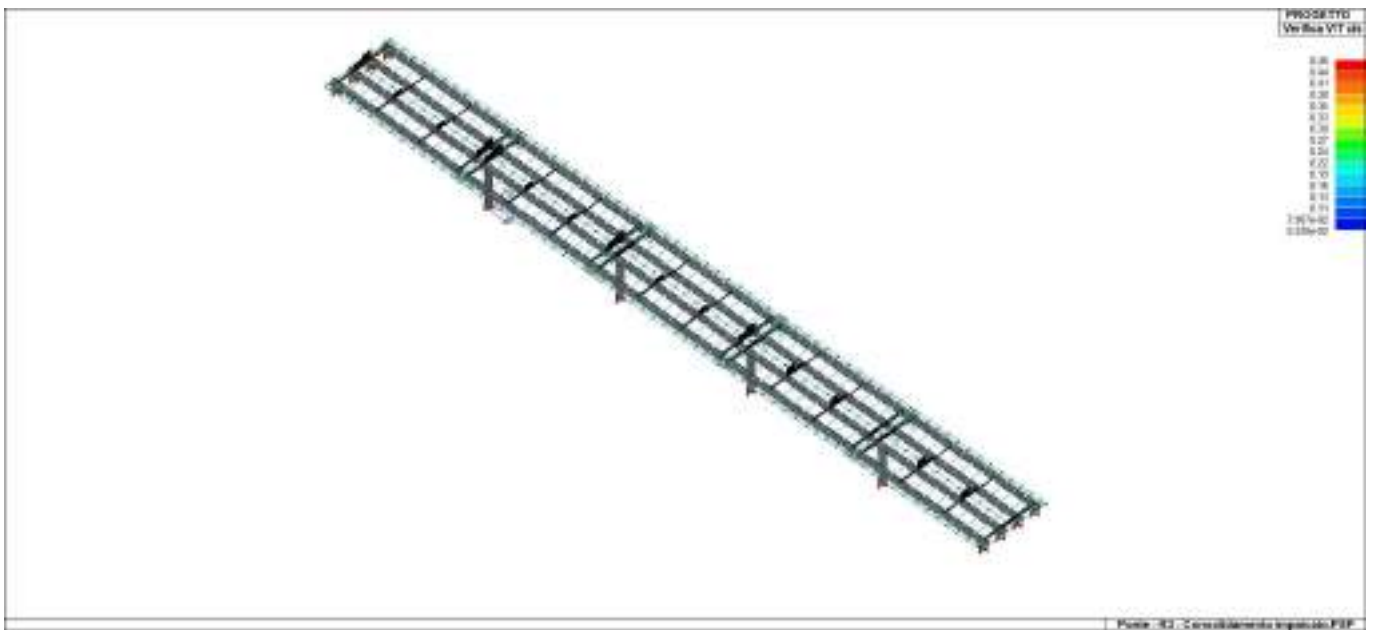
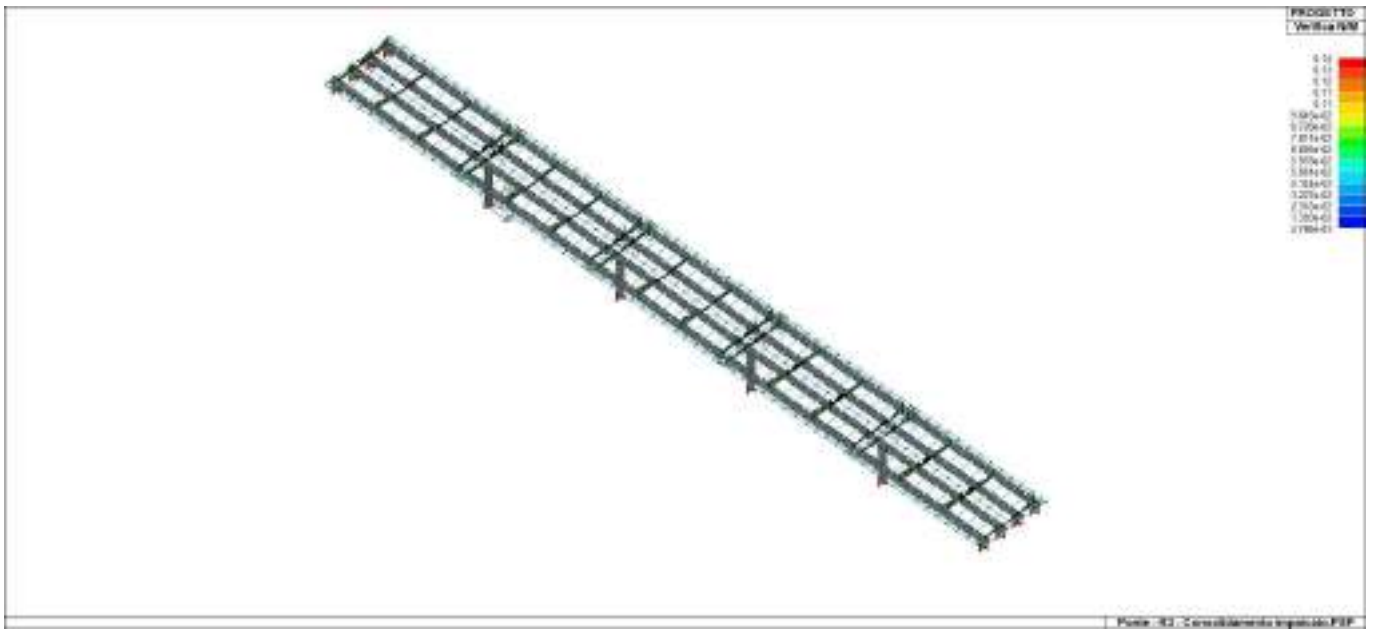
71_PRO_CA_PIL_VER_NSIS

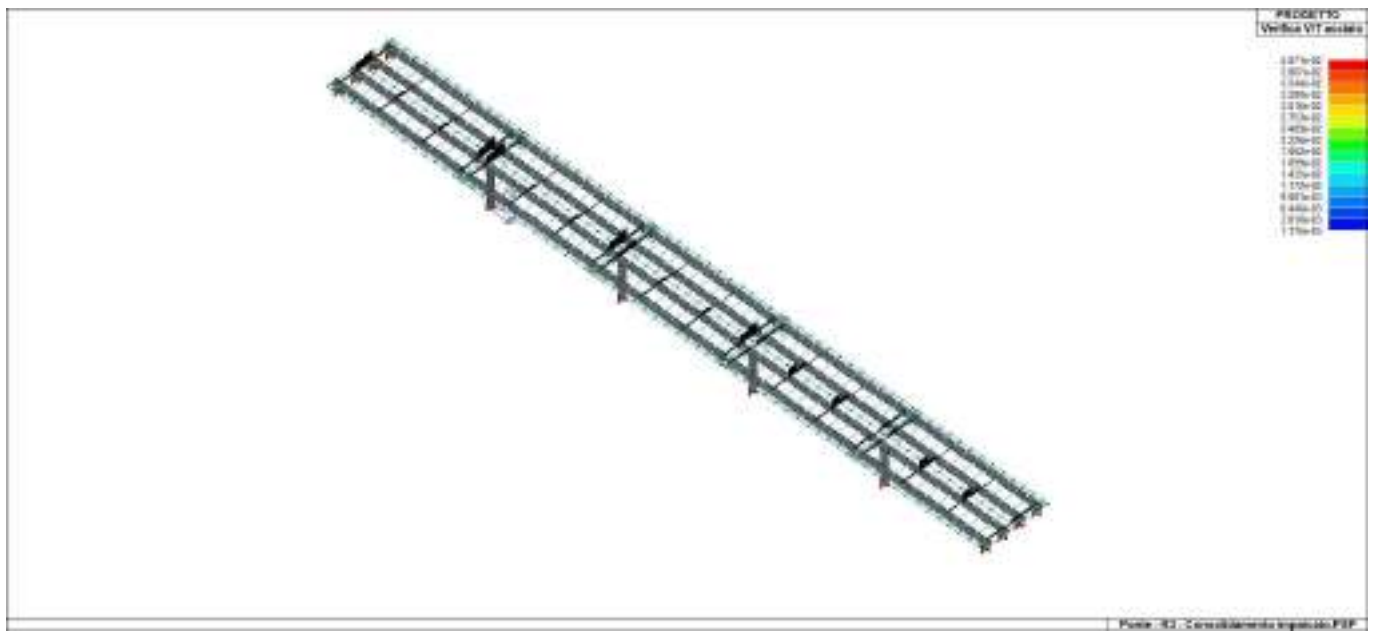


71_PRO_CA_PIL_VER_VRCD



71_PRO_CA_PIL_VER_VRSD





71_PRO_CA_TRV_VER_VRSD

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

| | |
|--------------|--|
| rRfck | rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1] |
| rRfyk | rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1] |
| rPfck | rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1] |
| wR | apertura caratteristica delle fessure in combinazioni rare [mm] |
| wF | apertura caratteristica delle fessure in combinazioni frequenti [mm] |
| wP | apertura caratteristica delle fessure in combinazioni quasi permanenti [mm] |
| dR | massima deformazione in combinazioni rare |
| dF | massima deformazione in combinazioni frequenti |
| dP | massima deformazione in combinazioni quasi permanenti |

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

| | | | | |
|---------------|--|--|--|--|
| pilastr | rRfck | rRfyk | rPfck | per sezioni significative |
| travi | rRfck wR dR | rRfyk wF dF | rPfck wP dP | per sezioni significative per sezioni significative massimi in campata |
| setti e gusci | rRfck wR | rRfyk wF | rPfck wP | massimi nei nodi dell'elemento massimi nei nodi dell'elemento |

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

| Pilas. | Pos. cm | rRfck | rRfyk | rPfck | Rif. cmb | | | Pos. cm | rRfck | rRfyk | rPfck | Rif. cmb | |
|-------------|------------|---------------|---------------|---------------|-------------|----------|----------|------------|-------------|----------|----------|-------------|----------|
| 1 | 0.0 | 0.14 | 0.08 | 0.03 | 286,286,407 | | | 395.0 | 0.05 | 0.03 | 0.02 | 286,286,407 | |
| 2 | 0.0 | 0.10 | 0.05 | 0.03 | 316,316,407 | | | 395.0 | 0.05 | 0.02 | 0.02 | 326,326,407 | |
| 3 | 0.0 | 0.08 | 0.04 | 0.03 | 366,366,407 | | | 395.0 | 0.05 | 0.02 | 0.02 | 366,366,407 | |
| 4 | 0.0 | 0.12 | 0.06 | 0.03 | 261,261,407 | | | 395.0 | 0.05 | 0.03 | 0.02 | 386,386,407 | |
| Pilas. | | rRfck 0.14 | rRfyk 0.08 | rPfck 0.03 | | | | | rRfck | rRfyk | rPfck | | |
| Trave | Pos. cm | rRfck | rRfyk | rPfck | Rif. cmb | wR mm | wF mm | wP mm | Rif. cmb | dR cm | dF cm | dP cm | Rif. cmb |
| 5 | 0.0 | 0.0 | 0.43 | 0.0 | 0,315,0 | 0.12 | 0.09 | 0.06 | 315,399,407 | 0.23 | 0.18 | 0.06 | |
| 315,399,407 | 92.1 | 0.0 | 0.50 | 0.0 | 0,315,0 | 0.23 | 0.19 | 0.07 | 315,399,407 | | | | |
| 6 | 0.0 | 0.0 | 0.39 | 0.0 | 0,315,0 | 0.10 | 0.08 | 0.05 | 315,399,407 | 0.21 | 0.15 | 0.06 | |
| 315,399,407 | 92.1 | 0.0 | 0.46 | 0.0 | 0,315,0 | 0.20 | 0.17 | 0.07 | 315,399,407 | | | | |
| 7 | 0.0 | 0.0 | 0.36 | 0.0 | 0,316,0 | 0.09 | 0.08 | 0.05 | 316,399,407 | 0.19 | 0.16 | 0.06 | |
| 316,399,407 | 92.1 | 0.0 | 0.41 | 0.0 | 0,316,0 | 0.18 | 0.16 | 0.07 | 316,399,407 | | | | |
| 8 | 0.0 | 0.0 | 0.34 | 0.0 | 0,316,0 | 0.09 | 0.07 | 0.06 | 316,399,407 | 0.17 | 0.15 | 0.07 | |
| 316,399,407 | 92.1 | 0.0 | 0.38 | 0.0 | 0,316,0 | 0.16 | 0.15 | 0.07 | 316,399,407 | | | | |
| 9 | 0.0 | 0.0 | 0.34 | 0.0 | 0,346,0 | 0.09 | 0.07 | 0.06 | 346,402,407 | 0.17 | 0.15 | 0.07 | |
| 346,402,407 | 92.1 | 0.0 | 0.38 | 0.0 | 0,346,0 | 0.16 | 0.15 | 0.07 | 346,402,407 | | | | |
| 10 | 0.0 | 0.0 | 0.36 | 0.0 | 0,346,0 | 0.10 | 0.08 | 0.05 | 346,402,407 | 0.19 | 0.16 | 0.06 | |
| 346,402,407 | 92.1 | 0.0 | 0.41 | 0.0 | 0,346,0 | 0.18 | 0.16 | 0.07 | 346,402,407 | | | | |
| 11 | 0.0 | 0.0 | 0.39 | 0.0 | 0,345,0 | 0.10 | 0.08 | 0.05 | 345,402,407 | 0.21 | 0.17 | 0.06 | |
| 345,402,407 | 92.1 | 0.0 | 0.45 | 0.0 | 0,345,0 | 0.20 | 0.17 | 0.07 | 345,402,407 | | | | |
| 12 | 0.0 | 0.0 | 0.42 | 0.0 | 0,345,0 | 0.12 | 0.09 | 0.06 | 345,402,407 | 0.24 | 0.17 | 0.07 | |
| 345,402,407 | 92.1 | 0.0 | 0.50 | 0.0 | 0,345,0 | 0.23 | 0.19 | 0.07 | 345,402,407 | | | | |
| 13 | 0.0 | 0.0 | 0.47 | 0.0 | 0,375,0 | 0.13 | 0.10 | 0.06 | 375,405,407 | 0.20 | 0.18 | 0.07 | |
| 365,404,407 | 92.1 | 0.0 | 0.47 | 0.0 | 0,375,0 | 0.23 | 0.18 | 0.07 | 375,405,407 | | | | |
| 14 | 0.0 | 0.0 | 0.43 | 0.0 | 0,375,0 | 0.12 | 0.09 | 0.05 | 375,405,407 | 0.18 | 0.15 | 0.06 | |
| 365,404,407 | 92.1 | 0.0 | 0.44 | 0.0 | 0,375,0 | 0.20 | 0.17 | 0.07 | 375,405,407 | | | | |
| 15 | 0.0 | 0.0 | 0.40 | 0.0 | 0,376,0 | 0.10 | 0.09 | 0.05 | 376,405,407 | 0.16 | 0.15 | 0.06 | |
| 366,404,407 | 92.1 | 0.0 | 0.40 | 0.0 | 0,376,0 | 0.18 | 0.16 | 0.07 | 376,405,407 | | | | |
| 16 | 0.0 | 0.0 | 0.37 | 0.0 | 0,376,0 | 0.10 | 0.08 | 0.06 | 376,405,407 | 0.16 | 0.14 | 0.07 | |
| 366,404,407 | 92.1 | 0.0 | 0.36 | 0.0 | 0,376,0 | 0.16 | 0.14 | 0.07 | 376,405,407 | | | | |
| 17 | 0.0 | 6.54e-03 | 3.16e-03 | 3.95e-03 | 285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.09 | -0.07 | -0.02 | |
| 285,396,407 | 40.0 | 0.04 | 0.02 | 0.02 | 285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 18 | 0.0 | 6.08e-03 | 2.95e-03 | 4.52e-03 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.06 | -0.02 | |
| 285,396,407 | 40.0 | 0.03 | 0.02 | 0.02 | 285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 19 | 0.0 | 5.83e-03 | 2.82e-03 | 4.52e-03 | 315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.06 | -0.02 | |
| 286,396,407 | 40.0 | 0.03 | 0.01 | 0.02 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 20 | 0.0 | 4.54e-03 | 2.20e-03 | 3.97e-03 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.06 | -0.02 | |
| 286,396,407 | 40.0 | 0.03 | 0.01 | 0.02 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 21 | 0.0 | 0.0 | 0.45 | 0.0 | 0,285,0 | 0.20 | 0.16 | 0.06 | 285,396,407 | -0.18 | -0.17 | -0.06 | |
| 285,396,407 | 92.1 | 0.0 | 0.37 | 0.0 | 0,285,0 | 0.10 | 0.08 | 0.05 | 285,396,407 | | | | |
| 22 | 0.0 | 0.0 | 0.40 | 0.0 | 0,285,0 | 0.17 | 0.15 | 0.06 | 285,396,407 | -0.18 | -0.15 | -0.05 | |
| 285,396,407 | 92.1 | 0.0 | 0.34 | 0.0 | 0,285,0 | 0.09 | 0.07 | 0.05 | 285,396,407 | | | | |
| 23 | 0.0 | 0.0 | 0.36 | 0.0 | 0,286,0 | 0.15 | 0.13 | 0.06 | 286,396,407 | -0.17 | -0.14 | -0.05 | |
| 286,396,407 | 92.1 | 0.0 | 0.32 | 0.0 | 0,286,0 | 0.08 | 0.07 | 0.05 | 286,396,407 | | | | |
| 24 | 0.0 | 0.0 | 0.33 | 0.0 | 0,286,0 | 0.13 | 0.12 | 0.06 | 286,396,407 | -0.14 | -0.13 | -0.06 | |
| 286,396,407 | 92.1 | 0.0 | 0.29 | 0.0 | 0,286,0 | 0.07 | 0.06 | 0.05 | 286,396,407 | | | | |
| 25 | 0.0 | 0.07 | 0.04 | 0.03 | 286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.03 | 6.07e-03 | |
| 285,396,407 | 160.0 | 0.04 | 0.03 | 0.03 | 286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |

| | | | | | | | | | | | |
|-------------|-------|------|------|-----------------|-----|-----|-----|-------|-------|-------|-----------|
| 26 | 0.0 | 0.03 | 0.09 | 0.02296,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.03 | 2.32e-04 |
| 285,396,407 | 80.0 | 0.02 | 0.04 | 0.01316,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 27 | 0.0 | 0.03 | 0.04 | 0.03281,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.05 | -6.10e-03 |
| 285,396,407 | 160.0 | 0.03 | 0.06 | 0.03281,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 28 | 0.0 | 0.03 | 0.04 | 0.03281,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.05 | -6.19e-03 |
| 285,396,407 | 160.0 | 0.03 | 0.06 | 0.03281,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 29 | 0.0 | 0.03 | 0.09 | 0.02276,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.05 | -0.03 | 2.13e-04 |
| 285,396,407 | 80.0 | 0.02 | 0.04 | 0.01316,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 30 | 0.0 | 0.07 | 0.04 | 0.03286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.03 | 6.07e-03 |
| 285,396,407 | 160.0 | 0.04 | 0.03 | 0.03286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 31 | 0.0 | 0.07 | 0.04 | 0.02316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.03 | 8.48e-03 |
| 315,399,407 | 160.0 | 0.04 | 0.02 | 0.03316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 32 | 0.0 | 0.02 | 0.10 | 0.02326,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.03 | 1.64e-03 |
| 315,399,407 | 80.0 | 0.01 | 0.05 | 0.01286,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 33 | 0.0 | 0.03 | 0.05 | 0.03311,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.05 | -4.41e-03 |
| 315,399,407 | 160.0 | 0.03 | 0.06 | 0.03311,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 34 | 0.0 | 0.03 | 0.05 | 0.03321,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.09 | -0.05 | -5.66e-03 |
| 315,399,407 | 160.0 | 0.03 | 0.06 | 0.03311,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 35 | 0.0 | 0.03 | 0.10 | 0.02306,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.05 | -0.03 | 5.77e-04 |
| 315,399,407 | 80.0 | 0.02 | 0.04 | 0.02286,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 36 | 0.0 | 0.07 | 0.05 | 0.03316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.04 | 7.26e-03 |
| 315,399,407 | 160.0 | 0.04 | 0.03 | 0.03316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 37 | 0.0 | 0.07 | 0.05 | 0.03346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.04 | 6.55e-03 |
| 345,402,407 | 160.0 | 0.04 | 0.03 | 0.03346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 38 | 0.0 | 0.03 | 0.10 | 0.02356,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.03 | 3.32e-04 |
| 345,402,407 | 80.0 | 0.01 | 0.04 | 0.02366,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 39 | 0.0 | 0.03 | 0.05 | 0.03341,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.09 | -0.06 | -6.35e-03 |
| 345,402,407 | 160.0 | 0.03 | 0.06 | 0.03341,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 40 | 0.0 | 0.03 | 0.05 | 0.03341,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.09 | -0.06 | -6.35e-03 |
| 345,402,407 | 160.0 | 0.03 | 0.06 | 0.03341,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 41 | 0.0 | 0.03 | 0.10 | 0.02336,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.03 | 3.29e-04 |
| 345,402,407 | 80.0 | 0.01 | 0.04 | 0.02316,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 42 | 0.0 | 0.07 | 0.05 | 0.03346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.04 | 6.54e-03 |
| 345,402,407 | 160.0 | 0.04 | 0.03 | 0.03346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 43 | 0.0 | 0.08 | 0.05 | 0.03366,366,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.04 | 6.52e-03 |
| 365,404,407 | 160.0 | 0.05 | 0.03 | 0.03366,366,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 44 | 0.0 | 0.03 | 0.14 | 0.02366,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.04 | -0.03 | 3.22e-04 |
| 365,404,407 | 80.0 | 0.05 | 0.09 | 0.02366,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 45 | 0.0 | 0.03 | 0.05 | 0.03361,366,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.05 | -6.35e-03 |
| 365,404,407 | 160.0 | 0.03 | 0.05 | 0.03361,366,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 46 | 0.0 | 0.03 | 0.05 | 0.03371,376,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.05 | -6.35e-03 |
| 375,405,407 | 160.0 | 0.03 | 0.05 | 0.03371,376,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 47 | 0.0 | 0.03 | 0.14 | 0.02376,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.04 | -0.03 | 3.22e-04 |
| 375,405,407 | 80.0 | 0.05 | 0.09 | 0.02376,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 48 | 0.0 | 0.08 | 0.05 | 0.03376,376,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.04 | 6.52e-03 |
| 375,405,407 | 160.0 | 0.05 | 0.03 | 0.03376,376,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 49 | 0.0 | 0.07 | 0.05 | 0.03386,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.04 | 6.50e-03 |
| 385,406,407 | 160.0 | 0.05 | 0.03 | 0.03386,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 50 | 0.0 | 0.03 | 0.14 | 0.02386,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.04 | -0.03 | 3.19e-04 |
| 385,406,407 | 80.0 | 0.06 | 0.09 | 0.02386,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 51 | 0.0 | 0.03 | 0.05 | 0.03381,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.05 | -6.33e-03 |
| 385,406,407 | | | | | | | | | | | |

| | | | | | | | | | | | |
|-------------|-------|----------|------|---------------------|------|------|-----------------|-------|-----------|-----------|-----------|
| | 160.0 | 0.03 | 0.05 | 0.03381,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 52 | 0.0 | 0.03 | 0.04 | 0.03263,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.05 | -6.29e-03 |
| 261,394,407 | | | | | | | | | | | |
| | 160.0 | 0.03 | 0.04 | 0.03263,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 53 | 0.0 | 0.03 | 0.14 | 0.02261,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.04 | -0.03 | 3.14e-04 |
| 261,394,407 | | | | | | | | | | | |
| | 80.0 | 0.06 | 0.09 | 0.01261,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 54 | 0.0 | 0.07 | 0.05 | 0.03261,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.03 | 6.45e-03 |
| 261,394,407 | | | | | | | | | | | |
| | 160.0 | 0.05 | 0.03 | 0.03261,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 55 | 0.0 | 0.03 | 0.02 | 5.90e-03296,296,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.95e-03 | 1.41e-03 | 3.18e-04 |
| 295,397,407 | | | | | | | | | | | |
| | 160.0 | 0.07 | 0.10 | 0.02295,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 56 | 0.0 | 0.02 | 0.12 | 9.24e-03292,296,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -7.39e-03 | -5.57e-03 | -3.44e-04 |
| 296,397,407 | | | | | | | | | | | |
| | 80.0 | 0.05 | 0.09 | 2.74e-03295,296,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 57 | 0.0 | 0.03 | 0.02 | 0.03292,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.42e-03 | 1.09e-03 | 2.94e-04 |
| 295,397,407 | | | | | | | | | | | |
| | 160.0 | 0.05 | 0.08 | 8.55e-03295,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 58 | 0.0 | 0.03 | 0.02 | 6.29e-03326,326,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.96e-03 | 1.42e-03 | 3.23e-04 |
| 325,400,407 | | | | | | | | | | | |
| | 160.0 | 0.07 | 0.11 | 0.02325,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 59 | 0.0 | 0.02 | 0.12 | 9.31e-03322,326,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -7.40e-03 | -5.58e-03 | -3.42e-04 |
| 326,400,407 | | | | | | | | | | | |
| | 80.0 | 0.05 | 0.09 | 2.97e-03325,326,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 60 | 0.0 | 0.03 | 0.02 | 0.03322,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.43e-03 | 1.10e-03 | 3.07e-04 |
| 325,400,407 | | | | | | | | | | | |
| | 160.0 | 0.05 | 0.08 | 9.02e-03325,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 61 | 0.0 | 0.03 | 0.02 | 6.11e-03356,356,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.97e-03 | 1.43e-03 | 3.27e-04 |
| 355,403,407 | | | | | | | | | | | |
| | 160.0 | 0.07 | 0.11 | 0.02355,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 62 | 0.0 | 0.02 | 0.12 | 9.19e-03352,356,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -7.39e-03 | -5.57e-03 | -3.45e-04 |
| 356,403,407 | | | | | | | | | | | |
| | 80.0 | 0.05 | 0.09 | 2.83e-03355,356,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 63 | 0.0 | 0.03 | 0.02 | 0.03352,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.42e-03 | 1.10e-03 | 3.03e-04 |
| 355,403,407 | | | | | | | | | | | |
| | 160.0 | 0.05 | 0.09 | 8.97e-03355,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 64 | 0.0 | 0.02 | 0.01 | 6.10e-03365,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.57e-03 | 1.12e-03 | 3.27e-04 |
| 375,405,407 | | | | | | | | | | | |
| | 160.0 | 0.06 | 0.11 | 0.02375,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 65 | 0.0 | 5.53e-03 | 0.03 | 9.19e-03342,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -8.53e-04 | -4.87e-04 | -3.45e-04 |
| 376,405,407 | | | | | | | | | | | |
| | 80.0 | 2.24e-03 | 0.04 | 2.84e-03311,376,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 66 | 0.0 | 0.02 | 0.02 | 0.03382,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 6.88e-04 | 6.09e-04 | 3.03e-04 |
| 371,405,407 | | | | | | | | | | | |
| | 160.0 | 0.03 | 0.09 | 8.97e-03376,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 67 | 0.0 | 0.0 | 0.35 | 0.0 0,286,0 | 0.15 | 0.14 | 0.07286,396,407 | | -0.11 | -0.10 | -0.04 |
| 286,396,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.36 | 0.0 0,286,0 | 0.09 | 0.08 | 0.06286,396,407 | | | | |
| 68 | 0.0 | 0.0 | 0.32 | 0.0 0,286,0 | 0.09 | 0.08 | 0.06286,399,407 | | 0.17 | 0.15 | 0.07 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.42 | 0.0 0,286,0 | 0.18 | 0.16 | 0.08286,396,407 | | | | |
| 69 | 0.0 | 0.0 | 0.34 | 0.0 0,316,0 | 0.09 | 0.09 | 0.06316,396,407 | | -0.12 | -0.10 | -0.03 |
| 316,399,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.38 | 0.0 0,316,0 | 0.10 | 0.08 | 0.04316,399,407 | | | | |
| 70 | 0.0 | 0.04 | 0.44 | 0.04306,316,407 | 0.21 | 0.18 | 0.0 316,399,0 | | -0.42 | -0.29 | -0.09 |
| 316,399,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.20 | 0.0 0,346,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 87 | 0.0 | 0.0 | 0.38 | 0.0 0,286,0 | 0.17 | 0.15 | 0.06286,396,407 | | -0.13 | -0.10 | -0.04 |
| 286,396,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.39 | 0.0 0,286,0 | 0.10 | 0.08 | 0.06286,396,407 | | | | |
| 88 | 0.0 | 0.0 | 0.34 | 0.0 0,286,0 | 0.09 | 0.08 | 0.06286,399,407 | | 0.19 | 0.16 | 0.07 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.46 | 0.0 0,286,0 | 0.20 | 0.17 | 0.07286,396,407 | | | | |
| 89 | 0.0 | 0.0 | 0.43 | 0.0 0,285,0 | 0.20 | 0.17 | 0.06285,396,407 | | -0.13 | -0.11 | -0.04 |
| 285,396,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.42 | 0.0 0,285,0 | 0.11 | 0.09 | 0.06285,396,407 | | | | |
| 90 | 0.0 | 0.0 | 0.37 | 0.0 0,285,0 | 0.10 | 0.09 | 0.06285,399,407 | | 0.22 | 0.18 | 0.07 |
| 285,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.50 | 0.0 0,285,0 | 0.22 | 0.19 | 0.07285,396,407 | | | | |
| 91 | 0.0 | 0.0 | 0.47 | 0.0 0,285,0 | 0.22 | 0.18 | 0.07285,396,407 | | -0.15 | -0.11 | -0.04 |
| 285,396,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.46 | 0.0 0,285,0 | 0.12 | 0.10 | 0.06285,396,407 | | | | |
| 92 | 0.0 | 0.0 | 0.30 | 0.0 0,385,0 | 0.10 | 0.0 | 0.0 261,0,0 | | 1.63 | 1.25 | 0.09 |
| 261,394,407 | | | | | | | | | | | |
| | 92.1 | 0.04 | 0.75 | 0.03375,261,407 | 0.40 | 0.33 | 0.0 261,394,0 | | | | |
| 93 | 0.0 | 0.0 | 0.43 | 0.0 0,315,0 | 0.12 | 0.10 | 0.06315,396,407 | | -0.17 | -0.13 | -0.03 |

| | | | | | | | | | | | |
|-------------|-----|------|------|-----------------|------|------|-----------------|-------|-------|-------|--|
| 315,399,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.48 | 0.0 | 0,315,0 | 0.12 | 0.10 | 0.04315,399,407 | | | | |
| 94 | 0.0 | 0.07 | 0.58 | 0.04315,315,407 | 0.20 | 0.16 | 0.0 315,399,0 | -1.02 | -0.46 | -0.08 | |
| 315,399,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.26 | 0.0 | 0,285,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 95 | 0.0 | 0.0 | 0.40 | 0.0 0,315,0 | 0.11 | 0.09 | 0.06315,396,407 | -0.15 | -0.12 | -0.03 | |
| 315,399,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.45 | 0.0 | 0,315,0 | 0.12 | 0.09 | 0.04315,399,407 | | | | |
| 96 | 0.0 | 0.06 | 0.54 | 0.04315,315,407 | 0.18 | 0.15 | 0.0 315,399,0 | -0.88 | -0.44 | -0.08 | |
| 315,399,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.23 | 0.0 | 0,285,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 97 | 0.0 | 0.0 | 0.36 | 0.0 0,316,0 | 0.10 | 0.09 | 0.06316,396,407 | -0.13 | -0.11 | -0.03 | |
| 316,399,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.41 | 0.0 | 0,316,0 | 0.10 | 0.08 | 0.04316,399,407 | | | | |
| 98 | 0.0 | 0.04 | 0.49 | 0.03316,316,407 | 0.23 | 0.19 | 0.0 316,399,0 | -0.84 | -0.39 | -0.09 | |
| 316,399,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.23 | 0.0 | 0,286,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 147 | 0.0 | 0.0 | 0.34 | 0.0 0,346,0 | 0.09 | 0.08 | 0.06346,396,407 | -0.12 | -0.10 | -0.03 | |
| 346,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.38 | 0.0 | 0,346,0 | 0.10 | 0.08 | 0.04346,402,407 | | | | |
| 148 | 0.0 | 0.0 | 0.37 | 0.0 0,346,0 | 0.10 | 0.08 | 0.06346,399,407 | -0.13 | -0.11 | -0.03 | |
| 346,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.41 | 0.0 | 0,346,0 | 0.10 | 0.09 | 0.04346,402,407 | | | | |
| 149 | 0.0 | 0.0 | 0.40 | 0.0 0,345,0 | 0.11 | 0.09 | 0.06345,399,407 | -0.15 | -0.12 | -0.03 | |
| 345,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.45 | 0.0 | 0,345,0 | 0.11 | 0.09 | 0.04345,402,407 | | | | |
| 150 | 0.0 | 0.0 | 0.43 | 0.0 0,345,0 | 0.12 | 0.10 | 0.06345,399,407 | -0.16 | -0.13 | -0.03 | |
| 345,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.48 | 0.0 | 0,345,0 | 0.13 | 0.10 | 0.04345,402,407 | | | | |
| 151 | 0.0 | 0.04 | 0.44 | 0.04366,346,407 | 0.21 | 0.18 | 0.0 346,402,0 | -0.42 | -0.29 | -0.09 | |
| 346,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.20 | 0.0 | 0,366,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 152 | 0.0 | 0.04 | 0.49 | 0.03346,346,407 | 0.23 | 0.19 | 0.0 346,402,0 | -0.87 | -0.39 | -0.09 | |
| 346,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.22 | 0.0 | 0,366,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 153 | 0.0 | 0.05 | 0.54 | 0.03345,345,407 | 0.26 | 0.21 | 0.0 345,402,0 | -1.05 | -0.61 | -0.09 | |
| 345,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.23 | 0.0 | 0,315,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 154 | 0.0 | 0.05 | 0.59 | 0.04345,345,407 | 0.28 | 0.23 | 0.0 345,402,0 | -1.13 | -0.65 | -0.09 | |
| 345,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.26 | 0.0 | 0,315,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 155 | 0.0 | 0.0 | 0.48 | 0.0 0,365,0 | 0.17 | 0.14 | 0.06375,405,407 | -0.16 | -0.12 | -0.03 | |
| 375,405,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.49 | 0.0 | 0,365,0 | 0.13 | 0.10 | 0.04365,404,407 | | | | |
| 156 | 0.0 | 0.0 | 0.44 | 0.0 0,365,0 | 0.15 | 0.13 | 0.06375,405,407 | -0.15 | -0.12 | -0.03 | |
| 375,405,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.45 | 0.0 | 0,365,0 | 0.12 | 0.10 | 0.04365,404,407 | | | | |
| 157 | 0.0 | 0.0 | 0.40 | 0.0 0,366,0 | 0.13 | 0.12 | 0.06376,405,407 | -0.13 | -0.11 | -0.03 | |
| 376,405,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.41 | 0.0 | 0,366,0 | 0.11 | 0.09 | 0.04366,404,407 | | | | |
| 158 | 0.0 | 0.0 | 0.37 | 0.0 0,366,0 | 0.12 | 0.11 | 0.06376,405,407 | -0.12 | -0.10 | -0.03 | |
| 376,405,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.38 | 0.0 | 0,366,0 | 0.10 | 0.08 | 0.04366,404,407 | | | | |
| 159 | 0.0 | 0.05 | 0.61 | 0.04365,365,407 | 0.29 | 0.24 | 0.0 365,404,0 | -1.26 | -0.73 | -0.09 | |
| 365,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.27 | 0.0 | 0,345,0 | 0.06 | 0.0 | 0.0 365,0,0 | | | | |
| 160 | 0.0 | 0.05 | 0.56 | 0.03365,365,407 | 0.27 | 0.22 | 0.0 365,404,0 | -1.09 | -0.47 | -0.09 | |
| 365,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.24 | 0.0 | 0,385,0 | 0.05 | 0.0 | 0.0 365,0,0 | | | | |
| 161 | 0.0 | 0.04 | 0.50 | 0.03386,366,407 | 0.24 | 0.20 | 0.0 366,404,0 | -0.92 | -0.43 | -0.09 | |
| 366,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.23 | 0.0 | 0,386,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 162 | 0.0 | 0.04 | 0.45 | 0.04386,366,407 | 0.21 | 0.18 | 0.0 366,404,0 | -0.63 | -0.31 | -0.09 | |
| 366,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.21 | 0.0 | 0,386,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | | |
| 163 | 0.0 | 0.0 | 0.48 | 0.0 0,385,0 | 0.18 | 0.15 | 0.06261,394,407 | -0.16 | -0.12 | -0.03 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.49 | 0.0 | 0,385,0 | 0.13 | 0.10 | 0.04385,406,407 | | | | |
| 164 | 0.0 | 0.0 | 0.44 | 0.0 0,385,0 | 0.16 | 0.13 | 0.06261,394,407 | -0.14 | -0.11 | -0.03 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.45 | 0.0 | 0,385,0 | 0.12 | 0.10 | 0.04385,406,407 | | | | |
| 165 | 0.0 | 0.0 | 0.40 | 0.0 0,386,0 | 0.14 | 0.12 | 0.06261,394,407 | -0.13 | -0.10 | -0.03 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.41 | 0.0 | 0,386,0 | 0.11 | 0.09 | 0.04386,406,407 | | | | |
| 166 | 0.0 | 0.0 | 0.37 | 0.0 0,386,0 | 0.12 | 0.11 | 0.06261,394,407 | -0.12 | -0.10 | -0.03 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.38 | 0.0 | 0,386,0 | 0.10 | 0.08 | 0.04386,406,407 | | | | |

| | | | | | | | | | | |
|-------------|-------|----------|----------|---------------------|------|------|---------------|-----------|-----------|-----------|
| 167 | 0.0 | 0.06 | 0.64 | 0.04385,385,407 | 0.31 | 0.26 | 0.0 385,406,0 | -1.29 | -0.83 | -0.09 |
| 385,406,407 | 92.1 | 0.0 | 0.28 | 0.0 0,375,0 | 0.06 | 0.0 | 0.0 385,0,0 | | | |
| 168 | 0.0 | 0.05 | 0.59 | 0.03385,385,407 | 0.28 | 0.24 | 0.0 385,406,0 | -1.13 | -0.66 | -0.09 |
| 385,406,407 | 92.1 | 0.0 | 0.25 | 0.0 0,375,0 | 0.06 | 0.0 | 0.0 385,0,0 | | | |
| 169 | 0.0 | 0.04 | 0.53 | 0.03261,386,407 | 0.25 | 0.21 | 0.0 386,406,0 | -0.93 | -0.42 | -0.09 |
| 386,406,407 | 92.1 | 0.0 | 0.23 | 0.0 0,376,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 170 | 0.0 | 0.04 | 0.47 | 0.04261,386,407 | 0.22 | 0.19 | 0.0 386,406,0 | -0.63 | -0.30 | -0.09 |
| 386,406,407 | 92.1 | 0.0 | 0.21 | 0.0 0,346,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 171 | 0.0 | 0.03 | 0.02 | 7.58e-03306,306,407 | 0.0 | 0.0 | 0.0 0,0,0 | 1.95e-03 | 1.41e-03 | 3.11e-04 |
| 305,398,407 | 160.0 | 0.06 | 0.10 | 0.02305,315,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 172 | 0.0 | 0.02 | 0.12 | 0.01302,306,407 | 0.0 | 0.0 | 0.0 0,0,0 | -7.44e-03 | -5.58e-03 | -3.46e-04 |
| 306,398,407 | 80.0 | 0.05 | 0.09 | 3.45e-03305,306,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 173 | 0.0 | 0.03 | 0.02 | 0.03302,302,407 | 0.0 | 0.0 | 0.0 0,0,0 | 1.40e-03 | 1.09e-03 | 3.05e-04 |
| 305,398,407 | 160.0 | 0.05 | 0.08 | 8.15e-03305,315,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 174 | 0.0 | 0.02 | 0.01 | 6.13e-03336,336,407 | 0.0 | 0.0 | 0.0 0,0,0 | 1.49e-03 | 1.07e-03 | 3.27e-04 |
| 335,401,407 | 160.0 | 0.06 | 0.11 | 0.02345,345,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 175 | 0.0 | 5.52e-03 | 0.07 | 9.19e-03362,336,407 | 0.0 | 0.0 | 0.0 0,0,0 | -3.74e-03 | -2.82e-03 | -3.43e-04 |
| 336,401,407 | 80.0 | 0.02 | 0.05 | 2.87e-03331,336,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 176 | 0.0 | 0.02 | 0.02 | 0.03332,345,407 | 0.0 | 0.0 | 0.0 0,0,0 | 8.87e-04 | 8.03e-04 | 3.03e-04 |
| 331,401,407 | 160.0 | 0.04 | 0.09 | 9.01e-03335,345,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 177 | 0.0 | 0.02 | 0.01 | 6.12e-03375,375,407 | 0.0 | 0.0 | 0.0 0,0,0 | 1.57e-03 | 1.12e-03 | 3.27e-04 |
| 365,404,407 | 160.0 | 0.06 | 0.11 | 0.02365,365,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 178 | 0.0 | 5.61e-03 | 0.03 | 9.19e-03382,365,407 | 0.0 | 0.0 | 0.0 0,0,0 | -8.62e-04 | -5.80e-04 | -3.45e-04 |
| 366,404,407 | 80.0 | 2.34e-03 | 0.03 | 2.86e-03381,366,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 179 | 0.0 | 0.02 | 0.02 | 0.03342,365,407 | 0.0 | 0.0 | 0.0 0,0,0 | 6.89e-04 | 6.09e-04 | 3.03e-04 |
| 361,404,407 | 160.0 | 0.03 | 0.09 | 8.99e-03366,365,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 180 | 0.0 | 0.01 | 9.18e-03 | 6.11e-03261,261,407 | 0.0 | 0.0 | 0.0 0,0,0 | 1.54e-03 | 1.10e-03 | 3.26e-04 |
| 385,406,407 | 160.0 | 0.06 | 0.11 | 0.02385,385,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 181 | 0.0 | 5.27e-03 | 0.03 | 9.19e-03372,385,407 | 0.0 | 0.0 | 0.0 0,0,0 | -8.55e-04 | -5.54e-04 | -3.45e-04 |
| 386,406,407 | 80.0 | 2.42e-03 | 0.03 | 2.85e-03371,386,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 182 | 0.0 | 0.02 | 0.02 | 0.03372,385,407 | 0.0 | 0.0 | 0.0 0,0,0 | 6.75e-04 | 5.97e-04 | 3.02e-04 |
| 381,406,407 | 160.0 | 0.03 | 0.09 | 8.97e-03386,385,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 195 | 0.0 | 0.01 | 8.43e-03 | 7.66e-03385,385,407 | 0.0 | 0.0 | 0.0 0,0,0 | 1.65e-03 | 1.19e-03 | 4.06e-04 |
| 261,394,407 | 160.0 | 0.06 | 0.11 | 0.03261,261,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 196 | 0.0 | 5.03e-03 | 0.02 | 8.32e-03372,261,407 | 0.0 | 0.0 | 0.0 0,0,0 | -8.38e-04 | -6.49e-04 | -3.60e-04 |
| 261,394,407 | 80.0 | 3.15e-03 | 0.03 | 3.91e-03311,261,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 197 | 0.0 | 0.02 | 0.01 | 0.03372,372,407 | 0.0 | 0.0 | 0.0 0,0,0 | 8.93e-04 | 6.92e-04 | 3.76e-04 |
| 261,394,407 | 160.0 | 0.03 | 0.08 | 0.01261,261,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 198 | 0.0 | 0.03 | 0.02 | 0.03272,272,407 | 0.0 | 0.0 | 0.0 0,0,0 | 1.56e-03 | 1.20e-03 | 3.71e-04 |
| 276,395,407 | 160.0 | 0.05 | 0.08 | 0.01275,285,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 199 | 0.0 | 0.02 | 0.12 | 8.22e-03272,276,407 | 0.0 | 0.0 | 0.0 0,0,0 | -7.15e-03 | -5.47e-03 | -3.49e-04 |
| 276,395,407 | 80.0 | 0.05 | 0.09 | 3.90e-03275,276,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 200 | 0.0 | 0.04 | 0.03 | 7.53e-03276,276,407 | 0.0 | 0.0 | 0.0 0,0,0 | 2.07e-03 | 1.51e-03 | 4.01e-04 |
| 275,395,407 | 160.0 | 0.07 | 0.10 | 0.03275,285,407 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 205 | 0.0 | 0.0 | 0.26 | 0.0 0,315,0 | 0.10 | 0.08 | 0.0 315,399,0 | 0.83 | 0.67 | 0.05 |
| 315,399,407 | 92.1 | 0.0 | 0.54 | 0.0 0,315,0 | 0.21 | 0.0 | 0.0 315,0,0 | | | |
| 206 | 0.0 | 0.0 | 0.24 | 0.0 0,285,0 | 0.09 | 0.07 | 0.0 315,399,0 | 0.71 | 0.58 | 0.05 |
| 315,399,407 | 92.1 | 0.0 | 0.49 | 0.0 0,315,0 | 0.19 | 0.0 | 0.0 315,0,0 | | | |
| 207 | 0.0 | 0.0 | 0.22 | 0.0 0,286,0 | 0.08 | 0.07 | 0.0 316,399,0 | 0.62 | 0.49 | 0.05 |
| 316,399,407 | 92.1 | 0.0 | 0.45 | 0.0 0,316,0 | 0.16 | 0.0 | 0.0 316,0,0 | | | |
| 208 | 0.0 | 0.0 | 0.21 | 0.0 0,286,0 | 0.07 | 0.06 | 0.0 312,399,0 | 0.51 | 0.44 | 0.05 |
| 316,399,407 | | | | | | | | | | |

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|-------------|-------|------|------|-----------------|---------|------|------|-----------------|-----------|-------|-------|-------|
| | 92.1 | 0.0 | 0.41 | 0.0 | 0,316,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 209 | 0.0 | 0.0 | 0.20 | 0.0 | 0,316,0 | 0.07 | 0.06 | 0.0 | 342,402,0 | 0.51 | 0.43 | 0.05 |
| 346,402,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.41 | 0.0 | 0,346,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 210 | 0.0 | 0.0 | 0.22 | 0.0 | 0,316,0 | 0.08 | 0.07 | 0.0 | 346,402,0 | 0.62 | 0.52 | 0.05 |
| 346,402,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.45 | 0.0 | 0,346,0 | 0.16 | 0.0 | 0.0 | 346,0,0 | | | |
| 211 | 0.0 | 0.0 | 0.23 | 0.0 | 0,345,0 | 0.09 | 0.07 | 0.0 | 345,402,0 | 0.72 | 0.57 | 0.05 |
| 345,402,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.49 | 0.0 | 0,345,0 | 0.19 | 0.0 | 0.0 | 345,0,0 | | | |
| 212 | 0.0 | 0.0 | 0.26 | 0.0 | 0,345,0 | 0.10 | 0.08 | 0.0 | 345,402,0 | 0.83 | 0.67 | 0.05 |
| 345,402,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.54 | 0.0 | 0,345,0 | 0.21 | 0.0 | 0.0 | 345,0,0 | | | |
| 213 | 0.0 | 0.0 | 0.27 | 0.0 | 0,375,0 | 0.09 | 0.08 | 0.0 | 365,404,0 | 0.68 | 0.56 | 0.05 |
| 375,405,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.58 | 0.0 | 0,375,0 | 0.23 | 0.19 | 0.0 | 375,405,0 | | | |
| 214 | 0.0 | 0.0 | 0.25 | 0.0 | 0,375,0 | 0.08 | 0.07 | 0.0 | 365,404,0 | 0.59 | 0.50 | 0.05 |
| 375,405,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.53 | 0.0 | 0,375,0 | 0.21 | 0.17 | 0.0 | 375,405,0 | | | |
| 215 | 0.0 | 0.0 | 0.23 | 0.0 | 0,376,0 | 0.08 | 0.06 | 0.0 | 366,404,0 | 0.51 | 0.46 | 0.05 |
| 376,405,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.48 | 0.0 | 0,376,0 | 0.18 | 0.0 | 0.0 | 376,0,0 | | | |
| 216 | 0.0 | 0.0 | 0.21 | 0.0 | 0,376,0 | 0.07 | 0.06 | 0.0 | 366,404,0 | 0.44 | 0.42 | 0.05 |
| 376,405,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.44 | 0.0 | 0,376,0 | 0.16 | 0.0 | 0.0 | 376,0,0 | | | |
| 217 | 0.0 | 0.0 | 0.50 | 0.0 | 0,261,0 | 0.14 | 0.11 | 0.06261,394,407 | | 0.16 | 0.13 | 0.04 |
| 385,406,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.48 | 0.0 | 0,261,0 | 0.22 | 0.18 | 0.07385,406,407 | | | | |
| 218 | 0.0 | 0.0 | 0.46 | 0.0 | 0,261,0 | 0.13 | 0.10 | 0.06261,394,407 | | 0.13 | 0.12 | 0.04 |
| 385,406,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.45 | 0.0 | 0,261,0 | 0.20 | 0.16 | 0.07385,406,407 | | | | |
| 219 | 0.0 | 0.0 | 0.42 | 0.0 | 0,261,0 | 0.11 | 0.09 | 0.06261,394,407 | | 0.13 | 0.11 | 0.04 |
| 386,406,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.41 | 0.0 | 0,261,0 | 0.17 | 0.15 | 0.07386,406,407 | | | | |
| 220 | 0.0 | 0.0 | 0.39 | 0.0 | 0,261,0 | 0.10 | 0.09 | 0.06261,394,407 | | 0.12 | 0.10 | 0.04 |
| 386,406,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.38 | 0.0 | 0,261,0 | 0.15 | 0.14 | 0.07386,406,407 | | | | |
| 221 | 0.0 | 0.0 | 0.40 | 0.0 | 0,285,0 | 0.11 | 0.09 | 0.06285,399,407 | | 0.24 | 0.20 | 0.07 |
| 285,396,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.56 | 0.0 | 0,285,0 | 0.25 | 0.20 | 0.08285,396,407 | | | | |
| 222 | 0.0 | 0.0 | 0.27 | 0.0 | 0,385,0 | 0.08 | 0.0 | 0.0 | 261,0,0 | 1.66 | 1.20 | 0.09 |
| 261,394,407 | | | | | | | | | | | | |
| | 92.1 | 0.04 | 0.67 | 0.03375,261,407 | 0.34 | 0.29 | 0.0 | 0.0 | 261,394,0 | | | |
| 223 | 0.0 | 0.0 | 0.24 | 0.0 | 0,386,0 | 0.07 | 0.0 | 0.0 | 261,0,0 | 1.40 | 1.07 | 0.09 |
| 261,394,407 | | | | | | | | | | | | |
| | 92.1 | 0.04 | 0.60 | 0.03376,261,407 | 0.29 | 0.25 | 0.0 | 0.0 | 261,394,0 | | | |
| 224 | 0.0 | 0.0 | 0.23 | 0.0 | 0,376,0 | 0.06 | 0.0 | 0.0 | 261,0,0 | 1.27 | 0.82 | 0.09 |
| 261,394,407 | | | | | | | | | | | | |
| | 92.1 | 0.04 | 0.53 | 0.03376,261,407 | 0.26 | 0.22 | 0.0 | 0.0 | 261,394,0 | | | |
| 225 | 0.0 | 0.0 | 0.40 | 0.0 | 0,286,0 | 0.11 | 0.09 | 0.07286,396,407 | | 0.04 | 0.03 | 0.01 |
| 286,396,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.38 | 0.0 | 0,286,0 | 0.15 | 0.16 | 0.07282,396,407 | | | | |
| 226 | 0.0 | 0.0 | 0.22 | 0.0 | 0,286,0 | 0.08 | 0.07 | 0.0 | 286,396,0 | 0.58 | 0.44 | 0.05 |
| 286,396,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.43 | 0.0 | 0,286,0 | 0.15 | 0.0 | 0.0 | 286,0,0 | | | |
| 227 | 0.0 | 0.0 | 0.42 | 0.0 | 0,316,0 | 0.11 | 0.09 | 0.06316,399,407 | | 0.04 | 0.04 | 0.01 |
| 316,399,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.41 | 0.0 | 0,316,0 | 0.11 | 0.09 | 0.07316,399,407 | | | | |
| 228 | 0.0 | 0.0 | 0.29 | 0.0 | 0,316,0 | 0.10 | 0.10 | 0.0 | 316,399,0 | -0.19 | -0.17 | -0.05 |
| 316,399,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.24 | 0.0 | 0,316,0 | 0.06 | 0.05 | 0.02286,396,407 | | | | |
| 229 | 0.0 | 0.0 | 0.43 | 0.0 | 0,286,0 | 0.12 | 0.10 | 0.06286,396,407 | | 0.04 | 0.04 | 0.01 |
| 286,396,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.42 | 0.0 | 0,286,0 | 0.17 | 0.18 | 0.07282,396,407 | | | | |
| 230 | 0.0 | 0.0 | 0.24 | 0.0 | 0,286,0 | 0.08 | 0.08 | 0.0 | 286,396,0 | 0.74 | 0.49 | 0.05 |
| 286,396,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.47 | 0.0 | 0,286,0 | 0.17 | 0.0 | 0.0 | 286,0,0 | | | |
| 231 | 0.0 | 0.0 | 0.48 | 0.0 | 0,285,0 | 0.13 | 0.11 | 0.06285,396,407 | | 0.05 | 0.04 | 0.01 |
| 285,396,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.46 | 0.0 | 0,285,0 | 0.18 | 0.19 | 0.07281,396,407 | | | | |
| 232 | 0.0 | 0.0 | 0.26 | 0.0 | 0,285,0 | 0.09 | 0.08 | 0.0 | 285,396,0 | 0.85 | 0.61 | 0.05 |
| 285,396,407 | | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.51 | 0.0 | 0,285,0 | 0.19 | 0.16 | 0.0 | 285,396,0 | | | |
| 233 | 0.0 | 0.0 | 0.52 | 0.0 | 0,285,0 | 0.15 | 0.12 | 0.07285,396,407 | | 0.05 | 0.04 | 0.01 |
| 285,396,407 | | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.50 | 0.0 | 0,285,0 | 0.26 | 0.20 | 0.07285,396,407 | | | | |
| 234 | 0.0 | 0.0 | 0.29 | 0.0 | 0,285,0 | 0.11 | 0.09 | 0.0 | 285,396,0 | 0.97 | 0.74 | 0.05 |

| | | | | | | | | | | | |
|-------------|-----|------|-----|---------|------|------|-----------------|-------|-------|-------|--|
| 285,396,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.56 | 0.0 | 0,285,0 | 0.22 | 0.18 | 0.0 285,396,0 | | | | |
| 235 0.0 | 0.0 | 0.54 | 0.0 | 0,315,0 | 0.15 | 0.12 | 0.06315,399,407 | 0.05 | 0.04 | 0.01 | |
| 315,399,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.52 | 0.0 | 0,315,0 | 0.15 | 0.12 | 0.07315,399,407 | | | | |
| 236 0.0 | 0.0 | 0.41 | 0.0 | 0,315,0 | 0.16 | 0.13 | 0.0 315,399,0 | -0.27 | -0.24 | -0.05 | |
| 315,399,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.29 | 0.0 | 0,315,0 | 0.08 | 0.06 | 0.04305,398,407 | | | | |
| 237 0.0 | 0.0 | 0.51 | 0.0 | 0,315,0 | 0.14 | 0.11 | 0.06315,399,407 | 0.05 | 0.04 | 0.01 | |
| 315,399,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.49 | 0.0 | 0,315,0 | 0.14 | 0.11 | 0.06315,399,407 | | | | |
| 238 0.0 | 0.0 | 0.38 | 0.0 | 0,315,0 | 0.15 | 0.12 | 0.0 315,399,0 | -0.26 | -0.22 | -0.05 | |
| 315,399,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.27 | 0.0 | 0,315,0 | 0.07 | 0.06 | 0.04285,398,407 | | | | |
| 239 0.0 | 0.0 | 0.45 | 0.0 | 0,316,0 | 0.12 | 0.10 | 0.06316,399,407 | 0.05 | 0.04 | 0.01 | |
| 316,399,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.44 | 0.0 | 0,316,0 | 0.12 | 0.10 | 0.06316,399,407 | | | | |
| 240 0.0 | 0.0 | 0.31 | 0.0 | 0,316,0 | 0.12 | 0.11 | 0.0 316,399,0 | -0.19 | -0.18 | -0.05 | |
| 316,399,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.25 | 0.0 | 0,316,0 | 0.06 | 0.05 | 0.02286,396,407 | | | | |
| 241 0.0 | 0.0 | 0.42 | 0.0 | 0,346,0 | 0.11 | 0.09 | 0.06346,402,407 | 0.04 | 0.04 | 0.01 | |
| 346,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.41 | 0.0 | 0,346,0 | 0.11 | 0.09 | 0.07346,402,407 | | | | |
| 242 0.0 | 0.0 | 0.46 | 0.0 | 0,346,0 | 0.12 | 0.10 | 0.06346,402,407 | 0.05 | 0.04 | 0.01 | |
| 346,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.44 | 0.0 | 0,346,0 | 0.12 | 0.10 | 0.06346,402,407 | | | | |
| 243 0.0 | 0.0 | 0.50 | 0.0 | 0,345,0 | 0.14 | 0.11 | 0.06345,402,407 | 0.05 | 0.04 | 0.01 | |
| 345,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.48 | 0.0 | 0,345,0 | 0.14 | 0.11 | 0.06345,402,407 | | | | |
| 244 0.0 | 0.0 | 0.54 | 0.0 | 0,345,0 | 0.15 | 0.12 | 0.06345,402,407 | 0.06 | 0.05 | 0.01 | |
| 345,402,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.52 | 0.0 | 0,345,0 | 0.15 | 0.12 | 0.07345,402,407 | | | | |
| 245 0.0 | 0.0 | 0.29 | 0.0 | 0,346,0 | 0.10 | 0.10 | 0.0 346,402,0 | -0.19 | -0.17 | -0.05 | |
| 346,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.24 | 0.0 | 0,346,0 | 0.06 | 0.05 | 0.02366,404,407 | | | | |
| 246 0.0 | 0.0 | 0.32 | 0.0 | 0,346,0 | 0.12 | 0.11 | 0.0 346,402,0 | -0.22 | -0.18 | -0.05 | |
| 346,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.26 | 0.0 | 0,346,0 | 0.06 | 0.05 | 0.02346,402,407 | | | | |
| 247 0.0 | 0.0 | 0.35 | 0.0 | 0,345,0 | 0.13 | 0.12 | 0.0 345,402,0 | -0.24 | -0.20 | -0.05 | |
| 345,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.28 | 0.0 | 0,345,0 | 0.07 | 0.06 | 0.02345,402,407 | | | | |
| 248 0.0 | 0.0 | 0.38 | 0.0 | 0,345,0 | 0.15 | 0.13 | 0.0 345,402,0 | -0.27 | -0.22 | -0.05 | |
| 345,402,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.30 | 0.0 | 0,345,0 | 0.07 | 0.06 | 0.02345,402,407 | | | | |
| 249 0.0 | 0.0 | 0.46 | 0.0 | 0,375,0 | 0.13 | 0.10 | 0.06375,405,407 | 0.08 | 0.06 | 0.01 | |
| 365,404,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.49 | 0.0 | 0,375,0 | 0.21 | 0.17 | 0.07366,404,407 | | | | |
| 250 0.0 | 0.0 | 0.43 | 0.0 | 0,375,0 | 0.12 | 0.10 | 0.06375,405,407 | 0.07 | 0.06 | 0.01 | |
| 365,404,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.45 | 0.0 | 0,375,0 | 0.20 | 0.16 | 0.06365,404,407 | | | | |
| 251 0.0 | 0.0 | 0.40 | 0.0 | 0,376,0 | 0.11 | 0.09 | 0.06376,405,407 | 0.07 | 0.05 | 0.01 | |
| 366,404,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.41 | 0.0 | 0,376,0 | 0.14 | 0.09 | 0.06362,406,407 | | | | |
| 252 0.0 | 0.0 | 0.37 | 0.0 | 0,376,0 | 0.10 | 0.08 | 0.06376,405,407 | 0.06 | 0.05 | 0.01 | |
| 366,404,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.38 | 0.0 | 0,376,0 | 0.14 | 0.09 | 0.07362,394,407 | | | | |
| 253 0.0 | 0.0 | 0.40 | 0.0 | 0,365,0 | 0.17 | 0.14 | 0.0 365,404,0 | -0.25 | -0.20 | -0.05 | |
| 365,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.35 | 0.0 | 0,365,0 | 0.09 | 0.07 | 0.02365,404,407 | | | | |
| 254 0.0 | 0.0 | 0.36 | 0.0 | 0,365,0 | 0.15 | 0.12 | 0.0 365,404,0 | -0.21 | -0.19 | -0.05 | |
| 365,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.33 | 0.0 | 0,365,0 | 0.08 | 0.06 | 0.02365,404,407 | | | | |
| 255 0.0 | 0.0 | 0.33 | 0.0 | 0,366,0 | 0.13 | 0.11 | 0.0 366,404,0 | -0.21 | -0.17 | -0.05 | |
| 366,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.30 | 0.0 | 0,366,0 | 0.07 | 0.06 | 0.02366,404,407 | | | | |
| 256 0.0 | 0.0 | 0.30 | 0.0 | 0,366,0 | 0.11 | 0.10 | 0.0 366,404,0 | -0.19 | -0.16 | -0.05 | |
| 366,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.27 | 0.0 | 0,366,0 | 0.06 | 0.05 | 0.02366,404,407 | | | | |
| 257 0.0 | 0.0 | 0.46 | 0.0 | 0,261,0 | 0.13 | 0.10 | 0.06261,394,407 | 0.08 | 0.06 | 0.01 | |
| 385,406,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.49 | 0.0 | 0,261,0 | 0.22 | 0.18 | 0.07385,406,407 | | | | |
| 258 0.0 | 0.0 | 0.43 | 0.0 | 0,261,0 | 0.12 | 0.10 | 0.06261,394,407 | 0.07 | 0.06 | 0.01 | |
| 385,406,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.45 | 0.0 | 0,261,0 | 0.20 | 0.16 | 0.06385,406,407 | | | | |
| 259 0.0 | 0.0 | 0.40 | 0.0 | 0,261,0 | 0.11 | 0.09 | 0.06261,394,407 | 0.07 | 0.05 | 0.01 | |
| 386,406,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.41 | 0.0 | 0,261,0 | 0.17 | 0.15 | 0.06386,406,407 | | | | |

| | | | | | | | | | | | |
|-------------|-------|------|----------|-----------------|---------|------|------|-----------------|-------|-------|-------|
| 260 | 0.0 | 0.0 | 0.37 | 0.0 | 0,261,0 | 0.10 | 0.08 | 0.06261,394,407 | 0.06 | 0.05 | 0.01 |
| 386,406,407 | 102.1 | 0.0 | 0.38 | 0.0 | 0,261,0 | 0.15 | 0.14 | 0.07386,406,407 | | | |
| 261 | 0.0 | 0.0 | 0.42 | 0.0 | 0,385,0 | 0.18 | 0.14 | 0.0385,406,0 | -0.23 | -0.19 | -0.05 |
| 385,406,407 | 92.1 | 0.0 | 0.35 | 0.0 | 0,385,0 | 0.09 | 0.07 | 0.02385,406,407 | | | |
| 262 | 0.0 | 0.0 | 0.38 | 0.0 | 0,385,0 | 0.16 | 0.13 | 0.0385,406,0 | -0.23 | -0.17 | -0.05 |
| 385,406,407 | 92.1 | 0.0 | 0.33 | 0.0 | 0,385,0 | 0.08 | 0.06 | 0.02385,406,407 | | | |
| 263 | 0.0 | 0.0 | 0.34 | 0.0 | 0,386,0 | 0.13 | 0.12 | 0.0386,406,0 | -0.21 | -0.16 | -0.05 |
| 386,406,407 | 92.1 | 0.0 | 0.30 | 0.0 | 0,386,0 | 0.07 | 0.06 | 0.02386,406,407 | | | |
| 264 | 0.0 | 0.0 | 0.32 | 0.0 | 0,386,0 | 0.12 | 0.11 | 0.0386,406,0 | -0.19 | -0.16 | -0.05 |
| 386,406,407 | 92.1 | 0.0 | 0.27 | 0.0 | 0,386,0 | 0.06 | 0.06 | 0.02386,406,407 | | | |
| 265 | 0.0 | 0.0 | 0.34 | 0.0 | 0,315,0 | 0.09 | 0.08 | 0.05315,396,407 | 0.36 | 0.28 | 0.08 |
| 315,399,407 | 92.1 | 0.0 | 0.52 | 0.0 | 0,315,0 | 0.22 | 0.18 | 0.0315,399,0 | | | |
| 266 | 0.0 | 0.0 | 0.31 | 0.0 | 0,315,0 | 0.08 | 0.07 | 0.05285,396,407 | 0.31 | 0.27 | 0.07 |
| 315,399,407 | 92.1 | 0.0 | 0.47 | 0.0 | 0,315,0 | 0.19 | 0.16 | 0.0315,399,0 | | | |
| 267 | 0.0 | 0.0 | 0.29 | 0.0 | 0,316,0 | 0.08 | 0.07 | 0.05286,396,407 | 0.26 | 0.24 | 0.07 |
| 316,399,407 | 92.1 | 0.0 | 0.43 | 0.0 | 0,316,0 | 0.17 | 0.15 | 0.0316,399,0 | | | |
| 268 | 0.0 | 0.0 | 0.27 | 0.0 | 0,316,0 | 0.07 | 0.07 | 0.05286,396,407 | 0.24 | 0.23 | 0.08 |
| 316,399,407 | 92.1 | 0.0 | 0.39 | 0.0 | 0,316,0 | 0.16 | 0.14 | 0.0316,399,0 | | | |
| 269 | 0.0 | 0.0 | 0.27 | 0.0 | 0,346,0 | 0.07 | 0.06 | 0.05316,399,407 | 0.24 | 0.22 | 0.08 |
| 346,402,407 | 92.1 | 0.0 | 0.39 | 0.0 | 0,346,0 | 0.15 | 0.14 | 0.0346,402,0 | | | |
| 270 | 0.0 | 0.0 | 0.29 | 0.0 | 0,346,0 | 0.08 | 0.07 | 0.05316,399,407 | 0.26 | 0.24 | 0.07 |
| 346,402,407 | 92.1 | 0.0 | 0.43 | 0.0 | 0,346,0 | 0.17 | 0.15 | 0.0346,402,0 | | | |
| 271 | 0.0 | 0.0 | 0.31 | 0.0 | 0,345,0 | 0.08 | 0.07 | 0.05345,399,407 | 0.32 | 0.27 | 0.07 |
| 345,402,407 | 92.1 | 0.0 | 0.47 | 0.0 | 0,345,0 | 0.19 | 0.16 | 0.0345,402,0 | | | |
| 272 | 0.0 | 0.0 | 0.34 | 0.0 | 0,345,0 | 0.09 | 0.08 | 0.05345,404,407 | 0.36 | 0.30 | 0.08 |
| 345,402,407 | 92.1 | 0.0 | 0.52 | 0.0 | 0,345,0 | 0.22 | 0.18 | 0.0345,402,0 | | | |
| 273 | 0.0 | 0.0 | 0.39 | 0.0 | 0,375,0 | 0.10 | 0.08 | 0.05375,405,407 | 0.28 | 0.25 | 0.08 |
| 375,405,407 | 92.1 | 0.0 | 0.55 | 0.0 | 0,375,0 | 0.24 | 0.19 | 0.0375,405,0 | | | |
| 274 | 0.0 | 0.0 | 0.36 | 0.0 | 0,375,0 | 0.10 | 0.08 | 0.05375,405,407 | 0.28 | 0.23 | 0.07 |
| 375,405,407 | 92.1 | 0.0 | 0.50 | 0.0 | 0,375,0 | 0.22 | 0.18 | 0.0375,405,0 | | | |
| 275 | 0.0 | 0.0 | 0.33 | 0.0 | 0,376,0 | 0.09 | 0.07 | 0.05376,405,407 | 0.25 | 0.21 | 0.07 |
| 376,405,407 | 92.1 | 0.0 | 0.45 | 0.0 | 0,376,0 | 0.19 | 0.16 | 0.0376,405,0 | | | |
| 276 | 0.0 | 0.0 | 0.31 | 0.0 | 0,376,0 | 0.08 | 0.07 | 0.05376,405,407 | 0.22 | 0.20 | 0.08 |
| 376,405,407 | 92.1 | 0.0 | 0.42 | 0.0 | 0,376,0 | 0.17 | 0.15 | 0.0376,405,0 | | | |
| 277 | 0.0 | 0.0 | 0.40 | 0.0 | 0,385,0 | 0.16 | 0.16 | 0.06261,406,407 | -0.19 | -0.16 | -0.05 |
| 261,394,407 | 92.1 | 0.0 | 0.45 | 0.0 | 0,385,0 | 0.12 | 0.09 | 0.03385,406,407 | | | |
| 278 | 0.0 | 0.0 | 0.37 | 0.0 | 0,385,0 | 0.14 | 0.14 | 0.06261,406,407 | -0.18 | -0.14 | -0.04 |
| 261,394,407 | 92.1 | 0.0 | 0.41 | 0.0 | 0,385,0 | 0.11 | 0.08 | 0.03385,406,407 | | | |
| 279 | 0.0 | 0.0 | 0.33 | 0.0 | 0,386,0 | 0.13 | 0.13 | 0.06261,406,407 | -0.16 | -0.14 | -0.04 |
| 261,394,407 | 92.1 | 0.0 | 0.38 | 0.0 | 0,386,0 | 0.10 | 0.08 | 0.03386,406,407 | | | |
| 280 | 0.0 | 0.0 | 0.31 | 0.0 | 0,386,0 | 0.11 | 0.12 | 0.06382,406,407 | -0.14 | -0.13 | -0.05 |
| 261,394,407 | 92.1 | 0.0 | 0.35 | 0.0 | 0,386,0 | 0.09 | 0.07 | 0.03386,406,407 | | | |
| 281 | 0.0 | 0.05 | 0.02 | 0.03385,385,407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.12 | 0.09 | 0.03 |
| 261,394,407 | 40.0 | 0.02 | 9.94e-03 | 0.01385,385,407 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 282 | 0.0 | 0.04 | 0.02 | 0.03385,385,407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.11 | 0.09 | 0.03 |
| 261,394,407 | 40.0 | 0.02 | 9.09e-03 | 0.01385,385,407 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 283 | 0.0 | 0.04 | 0.02 | 0.03376,376,407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.10 | 0.08 | 0.03 |
| 261,394,407 | 40.0 | 0.02 | 8.43e-03 | 0.01376,376,407 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 284 | 0.0 | 0.04 | 0.02 | 0.03376,376,407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.10 | 0.08 | 0.03 |
| 261,394,407 | 40.0 | 0.02 | 7.69e-03 | 0.01376,376,407 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 285 | 0.0 | 0.0 | 0.38 | 0.0 | 0,286,0 | 0.11 | 0.09 | 0.07286,399,407 | -0.04 | -0.03 | -0.01 |
| 286,396,407 | | | | | | | | | | | |

| | | | | | | | | | | | |
|-------------|-------|-----|------|-----|---------|------|------|-----------------|-------|-------|-----------|
| | 102.1 | 0.0 | 0.39 | 0.0 | 0,286,0 | 0.11 | 0.09 | 0.06286,396,407 | | | |
| 286 | 0.0 | 0.0 | 0.25 | 0.0 | 0,286,0 | 0.09 | 0.09 | 0.05282,396,407 | 0.28 | 0.26 | 0.05 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.42 | 0.0 | 0,286,0 | 0.17 | 0.15 | 0.0 286,396,0 | | | |
| 287 | 0.0 | 0.0 | 0.40 | 0.0 | 0,316,0 | 0.11 | 0.09 | 0.06316,399,407 | -0.04 | -0.04 | -0.01 |
| 316,399,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.42 | 0.0 | 0,316,0 | 0.11 | 0.09 | 0.06316,399,407 | | | |
| 288 | 0.0 | 0.0 | 0.30 | 0.0 | 0,316,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.23 | -0.17 | -0.05 |
| 316,399,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.16 | 0.0 | 0,316,0 | 0.04 | 0.03 | 0.0 322,399,0 | | | |
| 289 | 0.0 | 0.0 | 0.41 | 0.0 | 0,286,0 | 0.12 | 0.10 | 0.07286,399,407 | -0.05 | -0.04 | -0.01 |
| 286,396,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.42 | 0.0 | 0,286,0 | 0.12 | 0.09 | 0.06286,396,407 | | | |
| 290 | 0.0 | 0.0 | 0.27 | 0.0 | 0,286,0 | 0.09 | 0.10 | 0.05282,396,407 | 0.32 | 0.28 | 0.04 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.46 | 0.0 | 0,286,0 | 0.18 | 0.16 | 0.0 286,396,0 | | | |
| 291 | 0.0 | 0.0 | 0.45 | 0.0 | 0,285,0 | 0.13 | 0.10 | 0.07285,396,407 | -0.05 | -0.04 | -0.01 |
| 285,396,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.47 | 0.0 | 0,285,0 | 0.13 | 0.10 | 0.06285,396,407 | | | |
| 292 | 0.0 | 0.0 | 0.29 | 0.0 | 0,285,0 | 0.12 | 0.11 | 0.05285,396,407 | 0.36 | 0.31 | 0.04 |
| 285,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.50 | 0.0 | 0,285,0 | 0.21 | 0.17 | 0.0 285,396,0 | | | |
| 293 | 0.0 | 0.0 | 0.48 | 0.0 | 0,285,0 | 0.14 | 0.11 | 0.07285,396,407 | -0.06 | -0.04 | -0.01 |
| 285,396,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.51 | 0.0 | 0,285,0 | 0.14 | 0.11 | 0.06285,396,407 | | | |
| 294 | 0.0 | 0.0 | 0.32 | 0.0 | 0,285,0 | 0.14 | 0.12 | 0.05285,396,407 | 0.41 | 0.34 | 0.05 |
| 285,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.55 | 0.0 | 0,285,0 | 0.23 | 0.19 | 0.0 285,396,0 | | | |
| 295 | 0.0 | 0.0 | 0.51 | 0.0 | 0,315,0 | 0.14 | 0.11 | 0.06315,399,407 | -0.06 | -0.05 | -0.01 |
| 315,399,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.53 | 0.0 | 0,315,0 | 0.14 | 0.11 | 0.06315,399,407 | | | |
| 296 | 0.0 | 0.0 | 0.41 | 0.0 | 0,315,0 | 0.11 | 0.0 | 0.0 285,0,0 | -0.52 | -0.32 | -0.05 |
| 315,399,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.20 | 0.0 | 0,285,0 | 0.05 | 0.04 | 0.0 295,399,0 | | | |
| 297 | 0.0 | 0.0 | 0.48 | 0.0 | 0,315,0 | 0.13 | 0.11 | 0.06315,399,407 | -0.06 | -0.04 | -0.01 |
| 315,399,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.50 | 0.0 | 0,315,0 | 0.13 | 0.11 | 0.06315,399,407 | | | |
| 298 | 0.0 | 0.0 | 0.38 | 0.0 | 0,315,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.43 | -0.25 | -0.05 |
| 315,399,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.18 | 0.0 | 0,285,0 | 0.05 | 0.04 | 0.0 301,398,0 | | | |
| 299 | 0.0 | 0.0 | 0.43 | 0.0 | 0,316,0 | 0.12 | 0.10 | 0.06316,399,407 | -0.05 | -0.04 | -9.76e-03 |
| 316,399,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.45 | 0.0 | 0,316,0 | 0.12 | 0.10 | 0.0 316,399,0 | | | |
| 300 | 0.0 | 0.0 | 0.33 | 0.0 | 0,316,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.30 | -0.20 | -0.05 |
| 316,399,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.17 | 0.0 | 0,316,0 | 0.04 | 0.03 | 0.0 326,399,0 | | | |
| 301 | 0.0 | 0.0 | 0.40 | 0.0 | 0,346,0 | 0.11 | 0.09 | 0.06346,402,407 | -0.04 | -0.04 | -0.01 |
| 346,402,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.42 | 0.0 | 0,346,0 | 0.11 | 0.09 | 0.06346,402,407 | | | |
| 302 | 0.0 | 0.0 | 0.43 | 0.0 | 0,346,0 | 0.12 | 0.10 | 0.06346,402,407 | -0.05 | -0.04 | -0.01 |
| 346,402,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.45 | 0.0 | 0,346,0 | 0.12 | 0.10 | 0.06346,402,407 | | | |
| 303 | 0.0 | 0.0 | 0.47 | 0.0 | 0,345,0 | 0.13 | 0.10 | 0.06345,402,407 | -0.05 | -0.04 | -0.01 |
| 345,402,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.49 | 0.0 | 0,345,0 | 0.13 | 0.10 | 0.06345,402,407 | | | |
| 304 | 0.0 | 0.0 | 0.51 | 0.0 | 0,345,0 | 0.14 | 0.11 | 0.06345,402,407 | -0.06 | -0.04 | -0.01 |
| 345,402,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.53 | 0.0 | 0,345,0 | 0.14 | 0.11 | 0.06345,402,407 | | | |
| 305 | 0.0 | 0.0 | 0.30 | 0.0 | 0,346,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.22 | -0.17 | -0.05 |
| 346,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.16 | 0.0 | 0,346,0 | 0.04 | 0.03 | 0.0 332,402,0 | | | |
| 306 | 0.0 | 0.0 | 0.33 | 0.0 | 0,346,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.30 | -0.22 | -0.05 |
| 346,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.17 | 0.0 | 0,346,0 | 0.05 | 0.03 | 0.0 332,402,0 | | | |
| 307 | 0.0 | 0.0 | 0.37 | 0.0 | 0,345,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.38 | -0.28 | -0.05 |
| 345,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.19 | 0.0 | 0,345,0 | 0.06 | 0.03 | 0.0 365,402,0 | | | |
| 308 | 0.0 | 0.0 | 0.41 | 0.0 | 0,345,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.48 | -0.31 | -0.05 |
| 345,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.20 | 0.0 | 0,345,0 | 0.06 | 0.04 | 0.0 315,402,0 | | | |
| 309 | 0.0 | 0.0 | 0.50 | 0.0 | 0,365,0 | 0.14 | 0.11 | 0.06365,404,407 | -0.08 | -0.06 | -0.01 |
| 375,405,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.47 | 0.0 | 0,365,0 | 0.13 | 0.11 | 0.06365,404,407 | | | |
| 310 | 0.0 | 0.0 | 0.46 | 0.0 | 0,365,0 | 0.12 | 0.10 | 0.06365,404,407 | -0.07 | -0.06 | -0.01 |
| 375,405,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.44 | 0.0 | 0,365,0 | 0.12 | 0.10 | 0.06365,404,407 | | | |
| 311 | 0.0 | 0.0 | 0.42 | 0.0 | 0,366,0 | 0.11 | 0.09 | 0.06366,404,407 | -0.06 | -0.05 | -0.01 |

| | | | | | | | | | | | |
|-------------|------|------|-----------------|---------|------|---------------|-----------------|-------|-------|-----------|--|
| 376,405,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.40 | 0.0 | 0,366,0 | 0.11 | 0.09 | 0.06366,404,407 | | | | |
| 312 0.0 | 0.0 | 0.39 | 0.0 | 0,366,0 | 0.10 | 0.09 | 0.06366,404,407 | -0.06 | -0.05 | -0.01 | |
| 376,405,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.37 | 0.0 | 0,366,0 | 0.10 | 0.09 | 0.06366,404,407 | | | | |
| 313 0.0 | 0.0 | 0.42 | 0.0 | 0,365,0 | 0.15 | 0.0 | 0.0 365,0,0 | -0.39 | -0.31 | -0.05 | |
| 365,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.23 | 0.0 | 0,365,0 | 0.06 | 0.04 | 0.0 345,404,0 | | | | |
| 314 0.0 | 0.0 | 0.38 | 0.0 | 0,365,0 | 0.14 | 0.0 | 0.0 365,0,0 | -0.32 | -0.26 | -0.05 | |
| 365,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.22 | 0.0 | 0,365,0 | 0.05 | 0.04 | 0.0 315,404,0 | | | | |
| 315 0.0 | 0.0 | 0.34 | 0.0 | 0,366,0 | 0.12 | 0.0 | 0.0 366,0,0 | -0.27 | -0.22 | -0.05 | |
| 366,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.20 | 0.0 | 0,366,0 | 0.04 | 0.04 | 0.0 366,404,0 | | | | |
| 316 0.0 | 0.0 | 0.31 | 0.0 | 0,366,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.23 | -0.20 | -0.05 | |
| 366,404,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.18 | 0.0 | 0,366,0 | 0.04 | 0.03 | 0.0 366,404,0 | | | | |
| 317 0.0 | 0.0 | 0.50 | 0.0 | 0,385,0 | 0.14 | 0.11 | 0.06385,406,407 | -0.07 | -0.06 | -0.01 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.47 | 0.0 | 0,385,0 | 0.14 | 0.11 | 0.06385,406,407 | | | | |
| 318 0.0 | 0.0 | 0.46 | 0.0 | 0,385,0 | 0.13 | 0.10 | 0.06385,406,407 | -0.07 | -0.05 | -9.96e-03 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.44 | 0.0 | 0,385,0 | 0.12 | 0.10 | 0.06385,406,407 | | | | |
| 319 0.0 | 0.0 | 0.42 | 0.0 | 0,386,0 | 0.11 | 0.09 | 0.06386,406,407 | -0.06 | -0.05 | -9.96e-03 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.40 | 0.0 | 0,386,0 | 0.11 | 0.09 | 0.06386,406,407 | | | | |
| 320 0.0 | 0.0 | 0.39 | 0.0 | 0,386,0 | 0.10 | 0.09 | 0.06386,406,407 | -0.06 | -0.05 | -0.01 | |
| 261,394,407 | | | | | | | | | | | |
| 102.1 | 0.0 | 0.37 | 0.0 | 0,386,0 | 0.10 | 0.09 | 0.06386,406,407 | | | | |
| 321 0.0 | 0.0 | 0.44 | 0.0 | 0,385,0 | 0.16 | 0.0 | 0.0 385,0,0 | -0.42 | -0.33 | -0.05 | |
| 385,406,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.23 | 0.0 | 0,385,0 | 0.07 | 0.04 | 0.0 375,406,0 | | | | |
| 322 0.0 | 0.0 | 0.40 | 0.0 | 0,385,0 | 0.14 | 0.0 | 0.0 385,0,0 | -0.34 | -0.28 | -0.05 | |
| 385,406,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.22 | 0.0 | 0,385,0 | 0.05 | 0.04 | 0.0 263,406,0 | | | | |
| 323 0.0 | 0.0 | 0.36 | 0.0 | 0,386,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.31 | -0.24 | -0.05 | |
| 386,406,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.20 | 0.0 | 0,386,0 | 0.05 | 0.04 | 0.0 263,406,0 | | | | |
| 324 0.0 | 0.0 | 0.33 | 0.0 | 0,386,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.25 | -0.18 | -0.05 | |
| 386,406,407 | | | | | | | | | | | |
| 92.1 | 0.0 | 0.18 | 0.0 | 0,386,0 | 0.04 | 0.03 | 0.0 386,406,0 | | | | |
| 325 0.0 | 0.0 | 0.28 | 0.0 | 0,315,0 | 0.09 | 0.0 | 0.0 315,0,0 | 1.64 | 1.16 | 0.09 | |
| 315,399,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.67 | 0.03345,315,407 | 0.33 | 0.28 | 0.0 315,399,0 | | | | | |
| 326 0.0 | 0.0 | 0.25 | 0.0 0,285,0 | 0.08 | 0.0 | 0.0 315,0,0 | 1.44 | 0.99 | 0.09 | | |
| 315,399,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.61 | 0.03285,315,407 | 0.29 | 0.26 | 0.0 315,399,0 | | | | | |
| 327 0.0 | 0.0 | 0.24 | 0.0 0,286,0 | 0.0 | 0.0 | 0.0 0,0,0 | 1.25 | 0.83 | 0.09 | | |
| 316,399,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.55 | 0.03286,316,407 | 0.27 | 0.23 | 0.0 316,399,0 | | | | | |
| 328 0.0 | 0.0 | 0.22 | 0.0 0,286,0 | 0.0 | 0.0 | 0.0 0,0,0 | 1.13 | 0.60 | 0.09 | | |
| 316,399,407 | | | | | | | | | | | |
| 92.1 | 0.03 | 0.50 | 0.03286,316,407 | 0.24 | 0.21 | 0.0 316,399,0 | | | | | |
| 329 0.0 | 0.0 | 0.22 | 0.0 0,316,0 | 0.0 | 0.0 | 0.0 0,0,0 | 1.14 | 0.61 | 0.09 | | |
| 346,402,407 | | | | | | | | | | | |
| 92.1 | 0.03 | 0.50 | 0.03316,346,407 | 0.24 | 0.21 | 0.0 346,402,0 | | | | | |
| 330 0.0 | 0.0 | 0.23 | 0.0 0,316,0 | 0.0 | 0.0 | 0.0 0,0,0 | 1.26 | 0.85 | 0.09 | | |
| 346,402,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.55 | 0.03316,346,407 | 0.26 | 0.23 | 0.0 346,402,0 | | | | | |
| 331 0.0 | 0.0 | 0.25 | 0.0 0,345,0 | 0.08 | 0.0 | 0.0 345,0,0 | 1.45 | 1.00 | 0.09 | | |
| 345,402,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.61 | 0.03315,345,407 | 0.29 | 0.26 | 0.0 345,402,0 | | | | | |
| 332 0.0 | 0.0 | 0.27 | 0.0 0,345,0 | 0.09 | 0.0 | 0.0 345,0,0 | 1.66 | 1.18 | 0.09 | | |
| 345,402,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.67 | 0.03365,345,407 | 0.33 | 0.28 | 0.0 345,402,0 | | | | | |
| 333 0.0 | 0.0 | 0.29 | 0.0 0,385,0 | 0.09 | 0.07 | 0.0 375,405,0 | 1.69 | 1.38 | 0.09 | | |
| 375,405,407 | | | | | | | | | | | |
| 92.1 | 0.05 | 0.71 | 0.03385,375,407 | 0.37 | 0.31 | 0.0 375,405,0 | | | | | |
| 334 0.0 | 0.0 | 0.25 | 0.0 0,385,0 | 0.08 | 0.0 | 0.0 375,0,0 | 1.69 | 1.19 | 0.09 | | |
| 375,405,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.65 | 0.03385,375,407 | 0.32 | 0.28 | 0.0 375,405,0 | | | | | |
| 335 0.0 | 0.0 | 0.23 | 0.0 0,346,0 | 0.07 | 0.0 | 0.0 376,0,0 | 1.49 | 1.00 | 0.09 | | |
| 376,405,407 | | | | | | | | | | | |
| 92.1 | 0.04 | 0.58 | 0.03346,376,407 | 0.28 | 0.25 | 0.0 376,405,0 | | | | | |
| 336 0.0 | 0.0 | 0.22 | 0.0 0,346,0 | 0.06 | 0.0 | 0.0 376,0,0 | 1.32 | 0.84 | 0.09 | | |
| 376,405,407 | | | | | | | | | | | |
| 92.1 | 0.03 | 0.53 | 0.03346,376,407 | 0.26 | 0.22 | 0.0 376,405,0 | | | | | |

| | | | | | | | | | | |
|-------------|-------|------|------|-----------------|------|------|-----------------|-------|-------|-------|
| 337 | 0.0 | 0.07 | 0.61 | 0.04275,285,407 | 0.22 | 0.17 | 0.0 285,396,0 | -0.96 | -0.49 | -0.08 |
| 285,396,407 | 92.1 | 0.0 | 0.23 | 0.0 0,315,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 338 | 0.0 | 0.06 | 0.55 | 0.04275,285,407 | 0.19 | 0.16 | 0.0 285,396,0 | -0.78 | -0.44 | -0.07 |
| 285,396,407 | 92.1 | 0.0 | 0.22 | 0.0 0,315,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 339 | 0.0 | 0.05 | 0.48 | 0.04276,286,407 | 0.16 | 0.14 | 0.0 286,396,0 | -0.55 | -0.28 | -0.07 |
| 286,396,407 | 92.1 | 0.0 | 0.21 | 0.0 0,316,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 340 | 0.0 | 0.05 | 0.43 | 0.04276,286,407 | 0.14 | 0.13 | 0.0 286,396,0 | -0.27 | -0.24 | -0.08 |
| 286,396,407 | 92.1 | 0.0 | 0.20 | 0.0 0,316,0 | 0.0 | 0.0 | 0.0 0,0,0 | | | |
| 341 | 0.0 | 0.0 | 0.47 | 0.0 0,261,0 | 0.13 | 0.10 | 0.06261,394,407 | 0.22 | 0.18 | 0.07 |
| 385,406,407 | 92.1 | 0.0 | 0.50 | 0.0 0,261,0 | 0.24 | 0.19 | 0.07261,394,407 | | | |
| 342 | 0.0 | 0.0 | 0.43 | 0.0 0,261,0 | 0.12 | 0.09 | 0.05261,394,407 | 0.20 | 0.17 | 0.06 |
| 385,406,407 | 92.1 | 0.0 | 0.46 | 0.0 0,261,0 | 0.21 | 0.18 | 0.07261,394,407 | | | |
| 343 | 0.0 | 0.0 | 0.40 | 0.0 0,261,0 | 0.11 | 0.09 | 0.05261,394,407 | 0.18 | 0.15 | 0.06 |
| 386,406,407 | 92.1 | 0.0 | 0.41 | 0.0 0,261,0 | 0.19 | 0.16 | 0.07261,394,407 | | | |
| 344 | 0.0 | 0.0 | 0.37 | 0.0 0,261,0 | 0.10 | 0.08 | 0.06261,394,407 | 0.14 | 0.13 | 0.07 |
| 386,406,407 | 92.1 | 0.0 | 0.37 | 0.0 0,261,0 | 0.16 | 0.15 | 0.07261,394,407 | | | |
| 345 | 0.0 | 0.0 | 0.38 | 0.0 0,286,0 | 0.10 | 0.09 | 0.06286,396,407 | 0.12 | 0.09 | 0.04 |
| 286,396,407 | 102.1 | 0.0 | 0.43 | 0.0 0,286,0 | 0.19 | 0.17 | 0.08286,396,407 | | | |
| 346 | 0.0 | 0.0 | 0.21 | 0.0 0,286,0 | 0.0 | 0.0 | 0.0 0,0,0 | 0.86 | 0.51 | 0.08 |
| 286,396,407 | 92.1 | 0.04 | 0.51 | 0.03316,286,407 | 0.24 | 0.22 | 0.0 286,396,0 | | | |
| 347 | 0.0 | 0.0 | 0.40 | 0.0 0,316,0 | 0.11 | 0.09 | 0.06316,399,407 | 0.13 | 0.11 | 0.04 |
| 316,399,407 | 102.1 | 0.0 | 0.38 | 0.0 0,315,0 | 0.17 | 0.15 | 0.07316,399,407 | | | |
| 348 | 0.0 | 0.0 | 0.30 | 0.0 0,316,0 | 0.12 | 0.11 | 0.06316,399,407 | -0.17 | -0.14 | -0.05 |
| 316,399,407 | 92.1 | 0.0 | 0.31 | 0.0 0,316,0 | 0.08 | 0.07 | 0.03316,399,407 | | | |
| 349 | 0.0 | 0.0 | 0.41 | 0.0 0,286,0 | 0.11 | 0.09 | 0.06286,396,407 | 0.13 | 0.09 | 0.04 |
| 286,396,407 | 102.1 | 0.0 | 0.46 | 0.0 0,286,0 | 0.21 | 0.18 | 0.07286,396,407 | | | |
| 350 | 0.0 | 0.0 | 0.24 | 0.0 0,286,0 | 0.0 | 0.0 | 0.0 0,0,0 | 0.99 | 0.69 | 0.08 |
| 286,396,407 | 92.1 | 0.04 | 0.56 | 0.03316,286,407 | 0.27 | 0.24 | 0.0 286,396,0 | | | |
| 351 | 0.0 | 0.0 | 0.45 | 0.0 0,285,0 | 0.12 | 0.10 | 0.06285,396,407 | 0.14 | 0.12 | 0.04 |
| 285,396,407 | 102.1 | 0.0 | 0.52 | 0.0 0,285,0 | 0.25 | 0.20 | 0.07285,396,407 | | | |
| 352 | 0.0 | 0.0 | 0.26 | 0.0 0,285,0 | 0.0 | 0.0 | 0.0 0,0,0 | 1.14 | 0.80 | 0.08 |
| 285,396,407 | 92.1 | 0.05 | 0.62 | 0.03315,285,407 | 0.30 | 0.26 | 0.0 285,396,0 | | | |
| 353 | 0.0 | 0.0 | 0.48 | 0.0 0,285,0 | 0.14 | 0.11 | 0.06285,396,407 | 0.14 | 0.13 | 0.04 |
| 285,396,407 | 102.1 | 0.0 | 0.57 | 0.0 0,285,0 | 0.27 | 0.22 | 0.08285,396,407 | | | |
| 354 | 0.0 | 0.0 | 0.28 | 0.0 0,285,0 | 0.06 | 0.0 | 0.0 295,0,0 | 1.31 | 0.94 | 0.08 |
| 285,396,407 | 92.1 | 0.05 | 0.67 | 0.03315,285,407 | 0.34 | 0.29 | 0.0 285,396,0 | | | |
| 355 | 0.0 | 0.0 | 0.51 | 0.0 0,315,0 | 0.14 | 0.11 | 0.06315,399,407 | 0.17 | 0.13 | 0.04 |
| 315,399,407 | 102.1 | 0.0 | 0.50 | 0.0 0,316,0 | 0.24 | 0.20 | 0.07315,399,407 | | | |
| 356 | 0.0 | 0.0 | 0.43 | 0.0 0,315,0 | 0.19 | 0.16 | 0.06315,399,407 | -0.23 | -0.18 | -0.07 |
| 315,399,407 | 92.1 | 0.0 | 0.37 | 0.0 0,315,0 | 0.10 | 0.08 | 0.05315,399,407 | | | |
| 357 | 0.0 | 0.0 | 0.47 | 0.0 0,315,0 | 0.13 | 0.10 | 0.06315,399,407 | 0.16 | 0.12 | 0.04 |
| 315,399,407 | 102.1 | 0.0 | 0.46 | 0.0 0,316,0 | 0.22 | 0.18 | 0.07315,399,407 | | | |
| 358 | 0.0 | 0.0 | 0.40 | 0.0 0,315,0 | 0.17 | 0.14 | 0.06315,399,407 | -0.21 | -0.17 | -0.06 |
| 315,399,407 | 92.1 | 0.0 | 0.35 | 0.0 0,315,0 | 0.09 | 0.07 | 0.05315,399,407 | | | |
| 359 | 0.0 | 0.0 | 0.43 | 0.0 0,316,0 | 0.11 | 0.09 | 0.06316,399,407 | 0.14 | 0.11 | 0.03 |
| 316,399,407 | 102.1 | 0.0 | 0.40 | 0.0 0,315,0 | 0.19 | 0.16 | 0.07316,399,407 | | | |
| 360 | 0.0 | 0.0 | 0.32 | 0.0 0,316,0 | 0.13 | 0.12 | 0.06316,399,407 | -0.18 | -0.15 | -0.05 |
| 316,399,407 | 92.1 | 0.0 | 0.33 | 0.0 0,316,0 | 0.08 | 0.07 | 0.03316,399,407 | | | |
| 361 | 0.0 | 0.0 | 0.40 | 0.0 0,346,0 | 0.11 | 0.09 | 0.06346,402,407 | 0.13 | 0.11 | 0.04 |
| 346,402,407 | 102.1 | 0.0 | 0.38 | 0.0 0,345,0 | 0.17 | 0.15 | 0.07346,402,407 | | | |
| 362 | 0.0 | 0.0 | 0.43 | 0.0 0,346,0 | 0.11 | 0.09 | 0.06346,402,407 | 0.14 | 0.12 | 0.04 |
| 346,402,407 | | | | | | | | | | |

| | | | | | | | | | | | |
|-------------|-------|-----|------|-----|---------|------|------|-----------------|-------|-------|-------|
| | 102.1 | 0.0 | 0.40 | 0.0 | 0,345,0 | 0.19 | 0.16 | 0.07346,402,407 | | | |
| 363 | 0.0 | 0.0 | 0.47 | 0.0 | 0,345,0 | 0.13 | 0.10 | 0.06345,402,407 | 0.16 | 0.13 | 0.04 |
| 345,402,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.46 | 0.0 | 0,346,0 | 0.22 | 0.18 | 0.07345,402,407 | | | |
| 364 | 0.0 | 0.0 | 0.51 | 0.0 | 0,345,0 | 0.14 | 0.11 | 0.06345,402,407 | 0.17 | 0.13 | 0.04 |
| 345,402,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.50 | 0.0 | 0,346,0 | 0.24 | 0.20 | 0.07345,402,407 | | | |
| 365 | 0.0 | 0.0 | 0.29 | 0.0 | 0,346,0 | 0.12 | 0.11 | 0.06346,402,407 | -0.17 | -0.14 | -0.05 |
| 346,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.31 | 0.0 | 0,346,0 | 0.08 | 0.07 | 0.03346,402,407 | | | |
| 366 | 0.0 | 0.0 | 0.32 | 0.0 | 0,346,0 | 0.13 | 0.12 | 0.06346,402,407 | -0.18 | -0.15 | -0.04 |
| 346,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.34 | 0.0 | 0,346,0 | 0.08 | 0.07 | 0.03346,402,407 | | | |
| 367 | 0.0 | 0.0 | 0.35 | 0.0 | 0,345,0 | 0.15 | 0.13 | 0.06345,402,407 | -0.20 | -0.16 | -0.04 |
| 345,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.36 | 0.0 | 0,345,0 | 0.09 | 0.07 | 0.03345,402,407 | | | |
| 368 | 0.0 | 0.0 | 0.39 | 0.0 | 0,345,0 | 0.17 | 0.14 | 0.06345,402,407 | -0.22 | -0.17 | -0.05 |
| 345,402,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.40 | 0.0 | 0,345,0 | 0.10 | 0.08 | 0.03345,402,407 | | | |
| 369 | 0.0 | 0.0 | 0.50 | 0.0 | 0,375,0 | 0.14 | 0.11 | 0.06375,405,407 | 0.16 | 0.12 | 0.04 |
| 365,404,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.48 | 0.0 | 0,375,0 | 0.21 | 0.17 | 0.07365,404,407 | | | |
| 370 | 0.0 | 0.0 | 0.46 | 0.0 | 0,375,0 | 0.13 | 0.10 | 0.06375,405,407 | 0.14 | 0.11 | 0.04 |
| 365,404,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.45 | 0.0 | 0,375,0 | 0.19 | 0.16 | 0.07365,404,407 | | | |
| 371 | 0.0 | 0.0 | 0.42 | 0.0 | 0,376,0 | 0.11 | 0.09 | 0.06376,405,407 | 0.13 | 0.11 | 0.04 |
| 366,404,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.41 | 0.0 | 0,376,0 | 0.16 | 0.14 | 0.07366,404,407 | | | |
| 372 | 0.0 | 0.0 | 0.39 | 0.0 | 0,376,0 | 0.10 | 0.09 | 0.06376,405,407 | 0.11 | 0.10 | 0.04 |
| 366,404,407 | | | | | | | | | | | |
| | 102.1 | 0.0 | 0.38 | 0.0 | 0,376,0 | 0.15 | 0.14 | 0.07365,404,407 | | | |
| 373 | 0.0 | 0.0 | 0.40 | 0.0 | 0,365,0 | 0.15 | 0.13 | 0.06375,405,407 | -0.18 | -0.16 | -0.05 |
| 375,405,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.45 | 0.0 | 0,365,0 | 0.12 | 0.09 | 0.03365,404,407 | | | |
| 374 | 0.0 | 0.0 | 0.37 | 0.0 | 0,365,0 | 0.13 | 0.12 | 0.06375,405,407 | -0.16 | -0.13 | -0.04 |
| 375,405,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.41 | 0.0 | 0,365,0 | 0.11 | 0.08 | 0.03365,404,407 | | | |
| 375 | 0.0 | 0.0 | 0.33 | 0.0 | 0,366,0 | 0.12 | 0.11 | 0.06376,405,407 | -0.16 | -0.14 | -0.04 |
| 376,405,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.38 | 0.0 | 0,366,0 | 0.09 | 0.08 | 0.03366,404,407 | | | |
| 376 | 0.0 | 0.0 | 0.31 | 0.0 | 0,366,0 | 0.11 | 0.10 | 0.06362,405,407 | -0.15 | -0.13 | -0.05 |
| 376,405,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.35 | 0.0 | 0,366,0 | 0.09 | 0.07 | 0.03366,404,407 | | | |
| 377 | 0.0 | 0.0 | 0.43 | 0.0 | 0,285,0 | 0.17 | 0.14 | 0.0 285,396,0 | -0.28 | -0.24 | -0.04 |
| 285,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.29 | 0.0 | 0,285,0 | 0.07 | 0.06 | 0.04285,396,407 | | | |
| 378 | 0.0 | 0.0 | 0.39 | 0.0 | 0,285,0 | 0.15 | 0.13 | 0.0 285,396,0 | -0.25 | -0.21 | -0.04 |
| 285,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.26 | 0.0 | 0,285,0 | 0.07 | 0.06 | 0.0 315,399,0 | | | |
| 379 | 0.0 | 0.0 | 0.35 | 0.0 | 0,286,0 | 0.13 | 0.12 | 0.0 286,396,0 | -0.19 | -0.19 | -0.04 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.24 | 0.0 | 0,286,0 | 0.06 | 0.05 | 0.04316,399,407 | | | |
| 380 | 0.0 | 0.0 | 0.31 | 0.0 | 0,286,0 | 0.11 | 0.11 | 0.0 286,396,0 | -0.18 | -0.17 | -0.04 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.22 | 0.0 | 0,286,0 | 0.06 | 0.05 | 0.04316,399,407 | | | |
| 381 | 0.0 | 0.0 | 0.44 | 0.0 | 0,285,0 | 0.16 | 0.0 | 0.0 285,0,0 | -0.60 | -0.32 | -0.05 |
| 285,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.19 | 0.0 | 0,285,0 | 0.05 | 0.04 | 0.0 275,395,0 | | | |
| 382 | 0.0 | 0.0 | 0.39 | 0.0 | 0,285,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.42 | -0.23 | -0.05 |
| 285,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.17 | 0.0 | 0,315,0 | 0.05 | 0.04 | 0.0 275,395,0 | | | |
| 383 | 0.0 | 0.0 | 0.35 | 0.0 | 0,286,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.29 | -0.16 | -0.05 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.17 | 0.0 | 0,316,0 | 0.05 | 0.04 | 0.0 276,395,0 | | | |
| 384 | 0.0 | 0.0 | 0.31 | 0.0 | 0,286,0 | 0.0 | 0.0 | 0.0 0,0,0 | -0.20 | -0.14 | -0.05 |
| 286,396,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.16 | 0.0 | 0,316,0 | 0.04 | 0.03 | 0.0 272,396,0 | | | |
| 385 | 0.0 | 0.0 | 0.28 | 0.0 | 0,385,0 | 0.11 | 0.09 | 0.0 261,394,0 | 0.78 | 0.63 | 0.05 |
| 261,394,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.61 | 0.0 | 0,261,0 | 0.24 | 0.19 | 0.0 261,394,0 | | | |
| 386 | 0.0 | 0.0 | 0.26 | 0.0 | 0,385,0 | 0.09 | 0.08 | 0.0 385,394,0 | 0.66 | 0.55 | 0.05 |
| 261,394,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.55 | 0.0 | 0,261,0 | 0.22 | 0.18 | 0.0 261,394,0 | | | |
| 387 | 0.0 | 0.0 | 0.23 | 0.0 | 0,261,0 | 0.08 | 0.07 | 0.0 386,406,0 | 0.56 | 0.48 | 0.05 |
| 261,394,407 | | | | | | | | | | | |
| | 92.1 | 0.0 | 0.49 | 0.0 | 0,261,0 | 0.19 | 0.0 | 0.0 261,0,0 | | | |
| 388 | 0.0 | 0.0 | 0.22 | 0.0 | 0,376,0 | 0.07 | 0.06 | 0.0 263,406,0 | 0.46 | 0.42 | 0.05 |

| | | | | | | | | | | | | |
|-------------|------|----------|----------|---------------------|---------|------|------|-----------------|-----------|-------|-------|--|
| 261,394,407 | | | | | | | | | | | | |
| 389 | 92.1 | 0.0 | 0.44 | 0.0 | 0,261,0 | 0.16 | 0.0 | 0.0 | 261,0,0 | | | |
| 261,394,407 | 0.0 | 0.0 | 0.39 | 0.0 | 0,261,0 | 0.12 | 0.10 | 0.05385,406,407 | 0.33 | 0.26 | 0.09 | |
| 390 | 92.1 | 0.0 | 0.58 | 0.0 | 0,261,0 | 0.25 | 0.20 | 0.0 | 261,394,0 | | | |
| 261,394,407 | 0.0 | 0.0 | 0.36 | 0.0 | 0,261,0 | 0.10 | 0.09 | 0.05385,406,407 | 0.27 | 0.22 | 0.07 | |
| 391 | 92.1 | 0.0 | 0.52 | 0.0 | 0,261,0 | 0.22 | 0.18 | 0.0 | 261,394,0 | | | |
| 261,394,407 | 0.0 | 0.0 | 0.33 | 0.0 | 0,261,0 | 0.10 | 0.08 | 0.05386,406,407 | 0.25 | 0.22 | 0.07 | |
| 392 | 92.1 | 0.0 | 0.47 | 0.0 | 0,261,0 | 0.20 | 0.17 | 0.0 | 261,394,0 | | | |
| 261,394,407 | 0.0 | 0.0 | 0.30 | 0.0 | 0,261,0 | 0.08 | 0.07 | 0.05382,405,407 | 0.20 | 0.20 | 0.09 | |
| 393 | 92.1 | 0.0 | 0.42 | 0.0 | 0,261,0 | 0.17 | 0.15 | 0.0 | 261,394,0 | | | |
| 285,396,407 | 0.0 | 0.04 | 0.02 | 0.03315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.08 | 0.06 | 0.02 | |
| 394 | 30.0 | 0.02 | 9.12e-03 | 0.01315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 315,399,407 | 0.0 | 6.96e-03 | 3.38e-03 | 4.19e-03285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.06 | -0.02 | |
| 395 | 30.0 | 0.03 | 0.01 | 0.02285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 285,396,407 | 0.0 | 0.04 | 0.02 | 0.03315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.07 | 0.06 | 0.02 | |
| 396 | 30.0 | 0.02 | 8.20e-03 | 0.01316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 315,399,407 | 0.0 | 5.82e-03 | 2.83e-03 | 4.39e-03286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.05 | -0.02 | |
| 397 | 30.0 | 0.03 | 0.01 | 0.02285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 286,396,407 | 0.0 | 0.04 | 0.02 | 0.03316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.07 | 0.05 | 0.02 | |
| 398 | 30.0 | 0.01 | 7.44e-03 | 0.01315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 316,399,407 | 0.0 | 5.53e-03 | 2.68e-03 | 4.24e-03285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.05 | -0.02 | |
| 399 | 30.0 | 0.03 | 0.01 | 0.02286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 286,396,407 | 0.0 | 0.03 | 0.02 | 0.03316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.06 | 0.05 | 0.02 | |
| 400 | 30.0 | 0.01 | 6.66e-03 | 0.01316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 316,399,407 | 0.0 | 4.31e-03 | 2.09e-03 | 4.00e-03342,342,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.05 | -0.02 | |
| 401 | 30.0 | 0.02 | 0.01 | 0.02346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 315,399,407 | 0.0 | 0.04 | 0.02 | 0.03345,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.09 | 0.07 | 0.02 | |
| 402 | 30.0 | 0.02 | 8.72e-03 | 0.01345,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 345,402,407 | 0.0 | 6.49e-03 | 3.15e-03 | 3.98e-03315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.06 | -0.02 | |
| 403 | 30.0 | 0.03 | 0.01 | 0.02315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 315,399,407 | 0.0 | 0.04 | 0.02 | 0.03285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.09 | 0.07 | 0.02 | |
| 404 | 30.0 | 0.02 | 8.00e-03 | 0.01286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 345,402,407 | 0.0 | 5.42e-03 | 2.63e-03 | 4.19e-03316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.06 | -0.02 | |
| 405 | 30.0 | 0.03 | 0.01 | 0.02315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 316,399,407 | 0.0 | 0.03 | 0.02 | 0.03286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.08 | 0.06 | 0.02 | |
| 406 | 30.0 | 0.02 | 7.53e-03 | 0.01285,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 346,402,407 | 0.0 | 5.33e-03 | 2.59e-03 | 4.19e-03365,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.05 | -0.02 | |
| 407 | 30.0 | 0.02 | 0.01 | 0.02366,366,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 316,399,407 | 0.0 | 0.03 | 0.02 | 0.03286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.07 | 0.06 | 0.02 | |
| 408 | 30.0 | 0.01 | 6.92e-03 | 0.01286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 346,402,407 | 0.0 | 4.26e-03 | 2.07e-03 | 3.98e-03362,362,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.05 | -0.02 | |
| 409 | 30.0 | 0.02 | 0.01 | 0.02366,366,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 345,402,407 | 0.0 | 0.04 | 0.02 | 0.03365,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.09 | 0.07 | 0.02 | |
| 410 | 30.0 | 0.02 | 8.74e-03 | 0.01365,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 365,404,407 | 0.0 | 6.55e-03 | 3.17e-03 | 3.99e-03345,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.08 | -0.06 | -0.02 | |
| 411 | 30.0 | 0.03 | 0.01 | 0.02345,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 345,402,407 | 0.0 | 0.04 | 0.02 | 0.03365,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.09 | 0.07 | 0.02 | |
| 412 | 30.0 | 0.02 | 7.79e-03 | 0.01316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 365,404,407 | 0.0 | 5.72e-03 | 2.78e-03 | 4.20e-03386,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.06 | -0.02 | |
| 413 | 30.0 | 0.03 | 0.01 | 0.02385,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |
| 346,402,407 | 0.0 | 0.03 | 0.02 | 0.03316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.08 | 0.06 | 0.02 | |
| | 30.0 | 0.01 | 7.31e-03 | 0.01315,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | | |

| | | | | | | | | | | | | |
|-------------|------|----------|----------|----------|--------------|------|-----|-----|---------|----------|----------|-----------|
| 414 | 0.0 | 5.64e-03 | 2.74e-03 | 4.20e-03 | 385,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.05 | -0.02 |
| 366,404,407 | 30.0 | 0.03 | 0.01 | 0.02 | 386,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 415 | 0.0 | 0.03 | 0.02 | 0.03 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.08 | 0.06 | 0.02 |
| 346,402,407 | 30.0 | 0.01 | 6.72e-03 | 0.01 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 416 | 0.0 | 4.47e-03 | 2.17e-03 | 3.99e-03 | 382,382,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.05 | -0.02 |
| 366,404,407 | 30.0 | 0.02 | 0.01 | 0.02 | 386,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 417 | 0.0 | 0.04 | 0.02 | 0.03 | 385,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.09 | 0.07 | 0.02 |
| 375,405,407 | 30.0 | 0.02 | 9.14e-03 | 0.01 | 385,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 418 | 0.0 | 6.76e-03 | 3.28e-03 | 4.00e-03 | 375,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.06 | -0.02 |
| 385,406,407 | 30.0 | 0.03 | 0.01 | 0.02 | 375,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 419 | 0.0 | 0.04 | 0.02 | 0.03 | 385,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.09 | 0.07 | 0.02 |
| 375,405,407 | 30.0 | 0.02 | 8.14e-03 | 0.01 | 386,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 420 | 0.0 | 5.82e-03 | 2.82e-03 | 4.20e-03 | 261,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.07 | -0.05 | -0.02 |
| 385,406,407 | 30.0 | 0.03 | 0.01 | 0.02 | 375,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 421 | 0.0 | 0.03 | 0.02 | 0.03 | 346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.08 | 0.06 | 0.02 |
| 376,405,407 | 30.0 | 0.01 | 7.42e-03 | 0.01 | 345,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 422 | 0.0 | 5.81e-03 | 2.82e-03 | 4.20e-03 | 261,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.05 | -0.02 |
| 386,406,407 | 30.0 | 0.03 | 0.01 | 0.02 | 261,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 423 | 0.0 | 0.03 | 0.02 | 0.03 | 346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | 0.07 | 0.06 | 0.02 |
| 376,405,407 | 30.0 | 0.01 | 6.85e-03 | 0.01 | 346,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 424 | 0.0 | 4.36e-03 | 2.11e-03 | 4.00e-03 | 342,342,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.06 | -0.05 | -0.02 |
| 386,406,407 | 30.0 | 0.02 | 0.01 | 0.02 | 376,376,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 425 | 0.0 | 7.52e-03 | 0.10 | 0.01 | 286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.02 | -0.01 | -3.32e-04 |
| 285,396,407 | 80.0 | 0.01 | 0.09 | 0.02 | 285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 426 | 0.0 | 7.10e-03 | 0.10 | 0.01 | 286,286,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.02 | -0.01 | -3.61e-04 |
| 285,396,407 | 80.0 | 0.01 | 0.09 | 0.02 | 273,285,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 427 | 0.0 | 7.84e-03 | 0.11 | 0.01 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.02 | -0.01 | 1.03e-03 |
| 315,399,407 | 80.0 | 0.01 | 0.10 | 0.03 | 315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 428 | 0.0 | 8.34e-03 | 0.11 | 0.01 | 316,316,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.03 | -0.01 | 1.17e-04 |
| 315,399,407 | 80.0 | 0.01 | 0.09 | 0.02 | 333,315,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 429 | 0.0 | 8.23e-03 | 0.11 | 0.01 | 354,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.03 | -0.01 | -3.22e-04 |
| 345,402,407 | 80.0 | 0.01 | 0.09 | 0.02 | 353,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 430 | 0.0 | 7.55e-03 | 0.11 | 0.01 | 267,346,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.03 | -0.01 | -3.25e-04 |
| 345,402,407 | 80.0 | 0.01 | 0.09 | 0.02 | 303,345,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 431 | 0.0 | 7.80e-03 | 0.16 | 0.01 | 267,366,407 | 0.03 | 0.0 | 0.0 | 366,0,0 | -0.02 | -0.03 | -3.30e-04 |
| 375,405,407 | 80.0 | 0.01 | 0.21 | 0.02 | 353,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 432 | 0.0 | 7.54e-03 | 0.16 | 0.01 | 267,376,407 | 0.03 | 0.0 | 0.0 | 376,0,0 | -0.02 | -0.03 | -3.30e-04 |
| 365,404,407 | 80.0 | 0.01 | 0.21 | 0.02 | 333,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 433 | 0.0 | 7.35e-03 | 0.16 | 0.01 | 1374,386,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.04 | -0.02 | -3.28e-04 |
| 385,406,407 | 80.0 | 0.01 | 0.21 | 0.02 | 373,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 434 | 0.0 | 7.25e-03 | 0.16 | 0.01 | 1374,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | -0.02 | -0.03 | -3.23e-04 |
| 385,406,407 | 80.0 | 0.01 | 0.21 | 0.02 | 273,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 435 | 0.0 | 0.0 | 0.15 | 0.0 | 0,296,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 5.00e-03 | 3.90e-03 | 4.19e-04 |
| 295,397,407 | 80.0 | 0.02 | 0.27 | 5.46e-03 | 285,295,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 436 | 0.0 | 0.0 | 0.15 | 0.0 | 0,326,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 5.20e-03 | 3.91e-03 | 4.39e-04 |
| 325,400,407 | 80.0 | 0.02 | 0.27 | 5.07e-03 | 315,325,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 437 | 0.0 | 0.0 | 0.15 | 0.0 | 0,356,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 5.23e-03 | 3.91e-03 | 4.34e-04 |
| 355,403,407 | 80.0 | 0.02 | 0.27 | 5.22e-03 | 345,355,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 438 | 0.0 | 0.0 | 0.01 | 0.0 | 0,376,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 8.81e-04 | 6.56e-04 | 4.33e-04 |
| 375,405,407 | 80.0 | 0.02 | 0.07 | 5.25e-03 | 365,375,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 439 | 0.0 | 0.0 | 0.15 | 0.0 | 0,306,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 4.75e-03 | 3.91e-03 | 4.38e-04 |
| 305,398,407 | | | | | | | | | | | | |

| | | | | | | | | | | | | |
|--------------|------|--------------|--------------|--------------|-------------|-----------|-----------|-----------|-------|-----------|-----------|-----------|
| | 80.0 | 0.02 | 0.27 | 3.72e-03 | 15,305,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 440 | 0.0 | 0.0 | 0.08 | 0.0 | 0,336,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 5.00e-03 | 2.58e-03 | 4.36e-04 |
| 335,401,407 | | | | | | | | | | | | |
| | 80.0 | 0.02 | 0.16 | 5.25e-03 | 345,335,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 441 | 0.0 | 0.0 | 0.01 | 0.0 | 0,366,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 8.82e-04 | 6.53e-04 | 4.33e-04 |
| 365,404,407 | | | | | | | | | | | | |
| | 80.0 | 0.02 | 0.07 | 5.26e-03 | 375,365,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 442 | 0.0 | 2.82e-04 | 0.01 | 0.0 | 261,386,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 8.55e-04 | 6.37e-04 | 4.33e-04 |
| 385,406,407 | | | | | | | | | | | | |
| | 80.0 | 0.02 | 0.07 | 5.26e-03 | 261,385,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 443 | 0.0 | 0.0 | 0.02 | 0.0 | 0,261,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 1.16e-03 | 8.97e-04 | 5.24e-04 |
| 261,394,407 | | | | | | | | | | | | |
| | 80.0 | 0.02 | 0.07 | 3.47e-03 | 385,261,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| 444 | 0.0 | 0.0 | 0.15 | 0.0 | 0,276,0 | 0.0 | 0.0 | 0.0 | 0,0,0 | 5.26e-03 | 3.97e-03 | 5.07e-04 |
| 276,395,407 | | | | | | | | | | | | |
| | 80.0 | 0.02 | 0.27 | 3.74e-03 | 285,275,407 | 0.0 | 0.0 | 0.0 | 0,0,0 | | | |
| | | | | | | | | | | | | |
| Trave | | rRfck | rRfyk | rPfck | | wR | wF | wP | | dR | dF | dP |
| | | 0.08 | 0.75 | 0.04 | | 0.40 | 0.33 | 0.08 | | 1.69 | 1.38 | 0.09 |