

S.T.P. ENGINEERING S.R.L.

VIA FERRARI, 4 - 43013 LANGHIRANO (PR)

TEL. 0521857222 CELL. 3487675176 FAX 0521857222

WWW.STPENGINEERING.NET E-MAIL: INFO@STPENGINEERING.NET

LA SOCIETÀ S.T.P. ENGINEERING S.R.L. SI RISERVA LA PROPRIETÀ DI QUESTO DISEGNO CON IL DIVIETO DI RIPRODURLO O TRASFERIRLO A TERZI SENZA AUTORIZZAZIONE SCRITTA

INGEGNERIA:

**EDILE
STRUTTURALE
INFRASTRUTTURALE
AMBIENTALE**



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. 1A
TABULATO STATO DI FATTO**

N°

**S_3
1A**

REVISIONI:

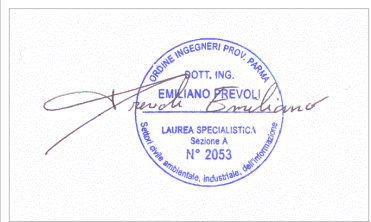
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09 / 07 / 2020

SCALA:

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



Consulenze Specifiche
Studio Montepara S.r.l

R.U.P.
Geom. Giuseppe Guatteri



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”.

2S.I. Software e Servizi per l'Ingegneria S.r.l.
Via Garibaldi, 90
44121 Ferrara FE (Italy)

Tel. +39 0532 200091

www.2si.it
info@2si.it

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.

Completare

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	
Fabbricato ad uso	
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. 09-01-1996
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 dimensionamento 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.

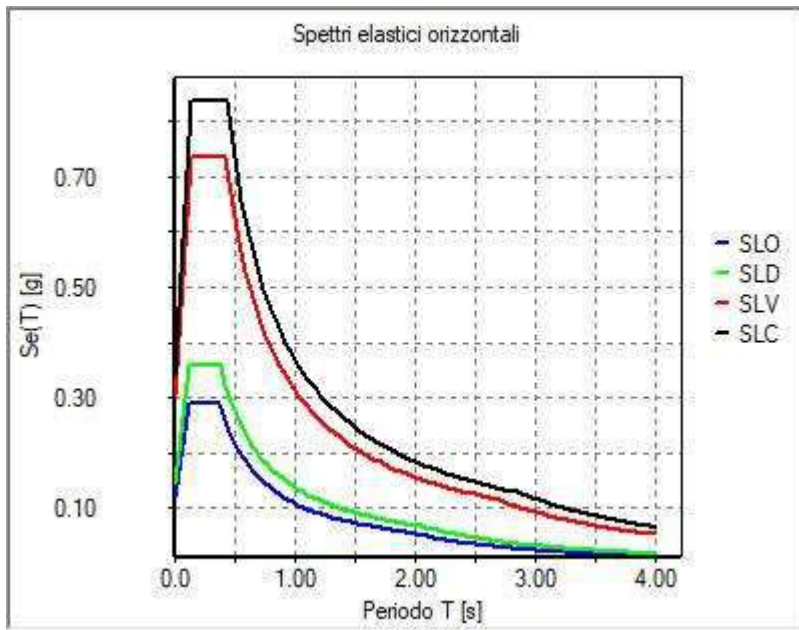
RELAZIONE SUI MATERIALI

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

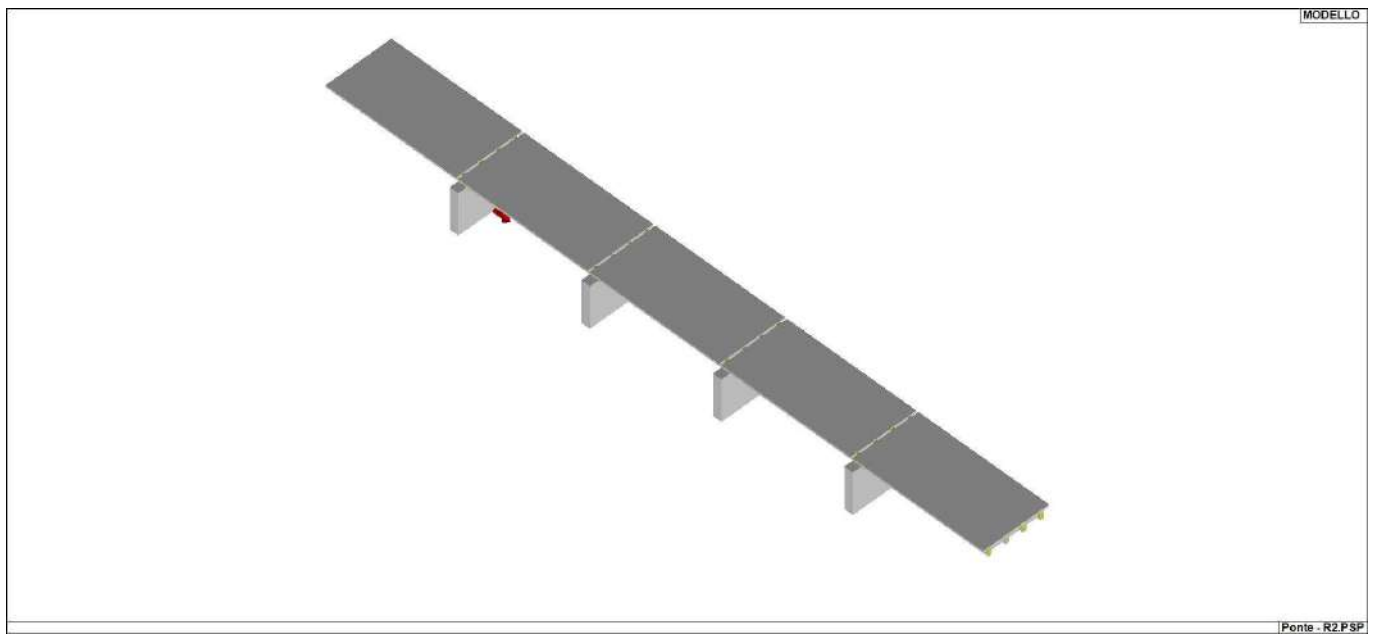
NORMATIVA DI RIFERIMENTO

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.

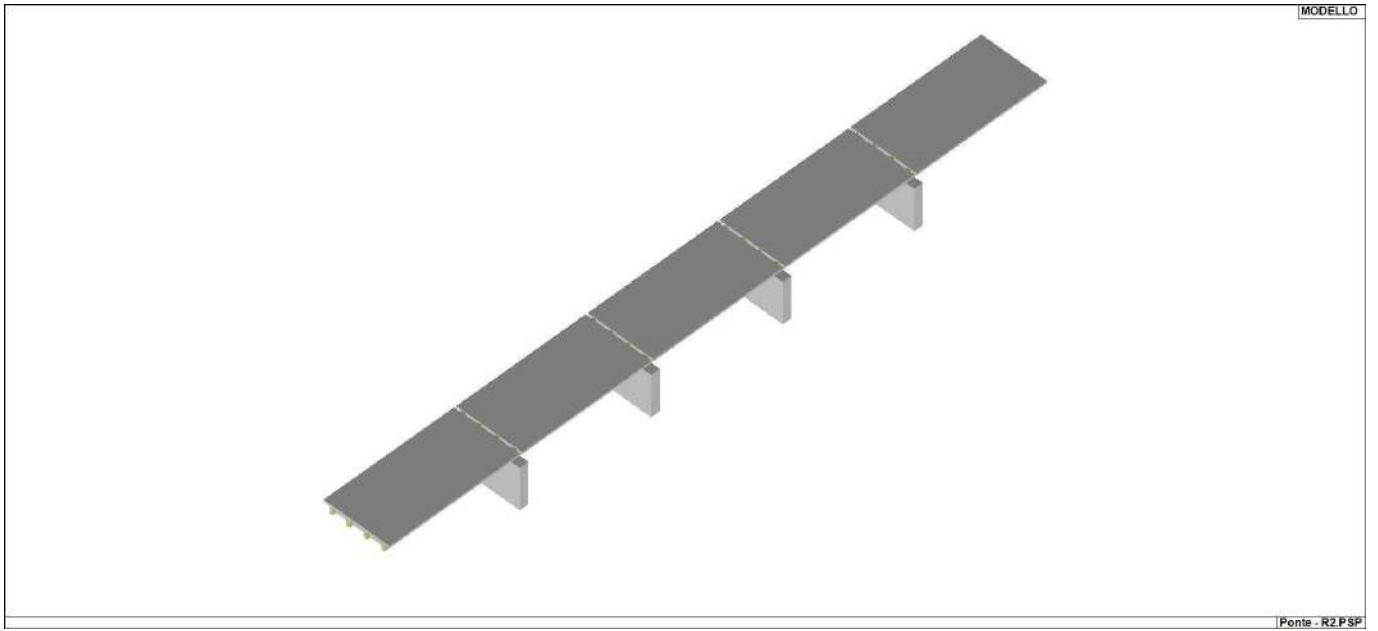
NOTA il capitolo "normativa di riferimento": riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI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



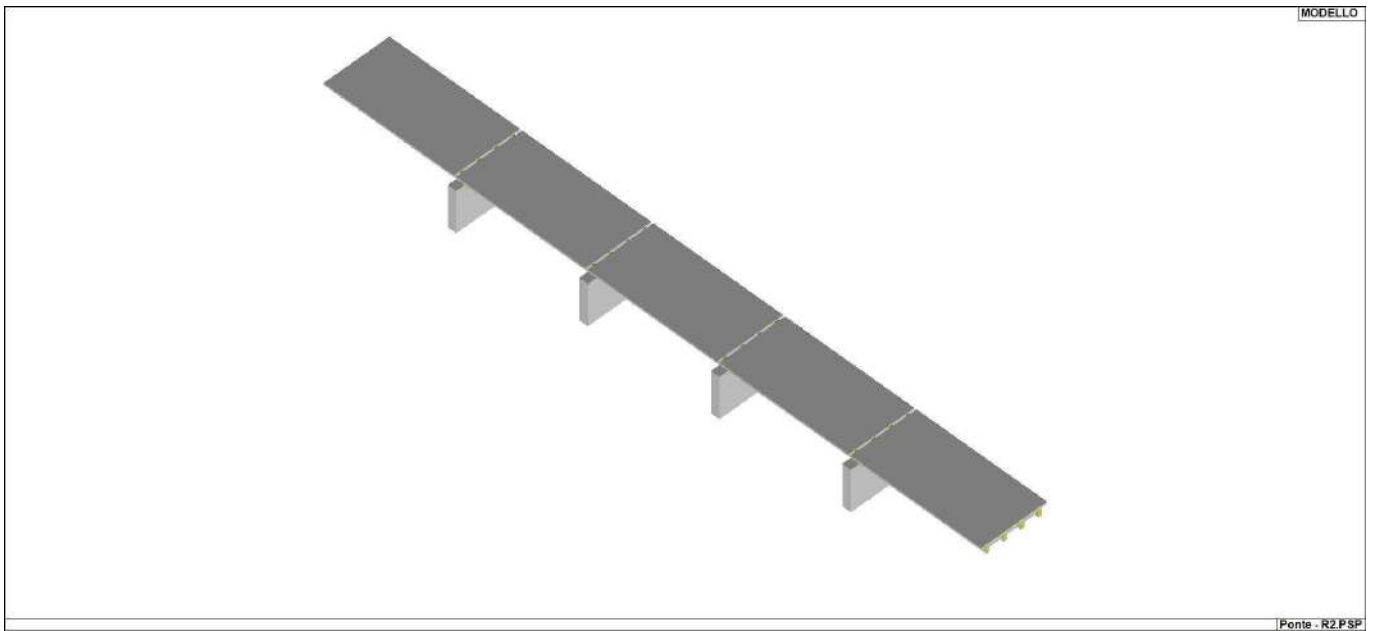
01_INT_SPETTRI_ELASTICI_O



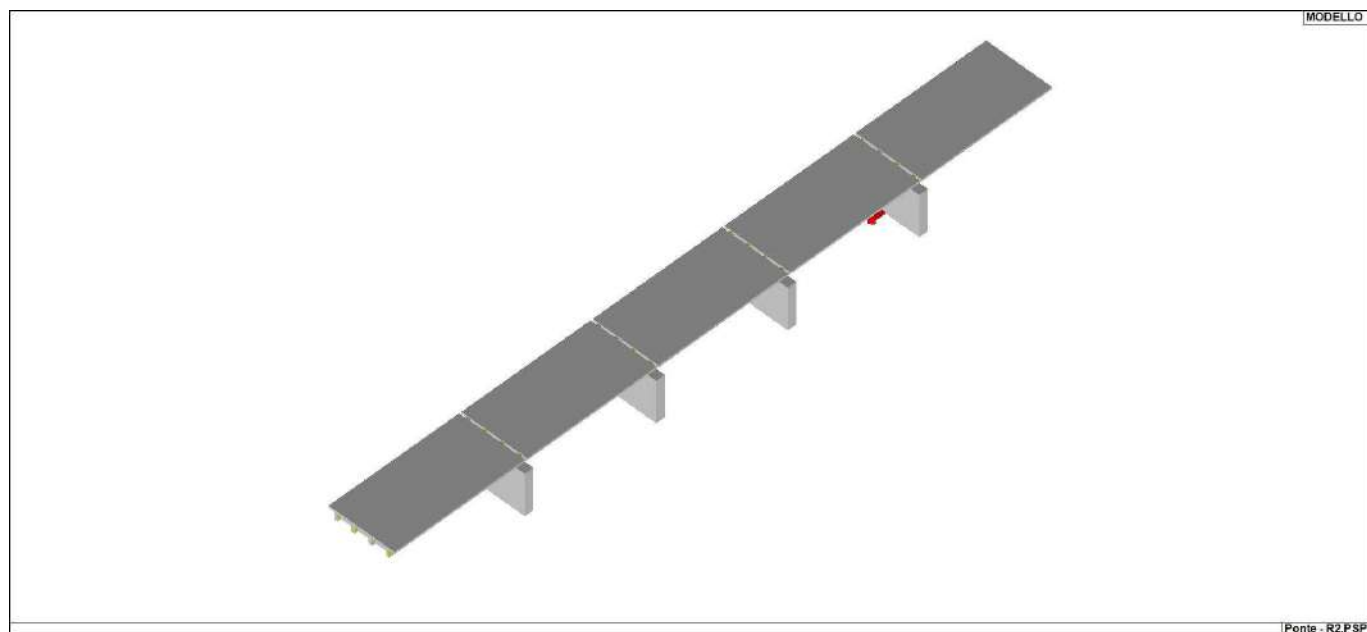
01_INT_VISTA_SOLIDA_001



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
3	muratura	Muratura consolidata Incremento resistenza Incremento rigidezza Resistenza f Resistenza fv0 Resistenza fh Resistenza fb Resistenza fbh Resistenza fv0h Resistenza ft	Muratura per la quale si prevedono interventi di rinforzo" Incremento conseguito in termini di resistenza Incremento conseguito in termini di rigidezza Valore della resistenza a compressione Valore della resistenza a taglio in assenza di tensioni normali Valore della resistenza a compressione orizzontale Valore della resistenza a compressione dei blocchi Valore della resistenza a compressione dei blocchi in direzione orizzontale Valore della resistenza a taglio in assenza di tensioni normali per le travi Valore della resistenza a trazione per fessurazione diagonale

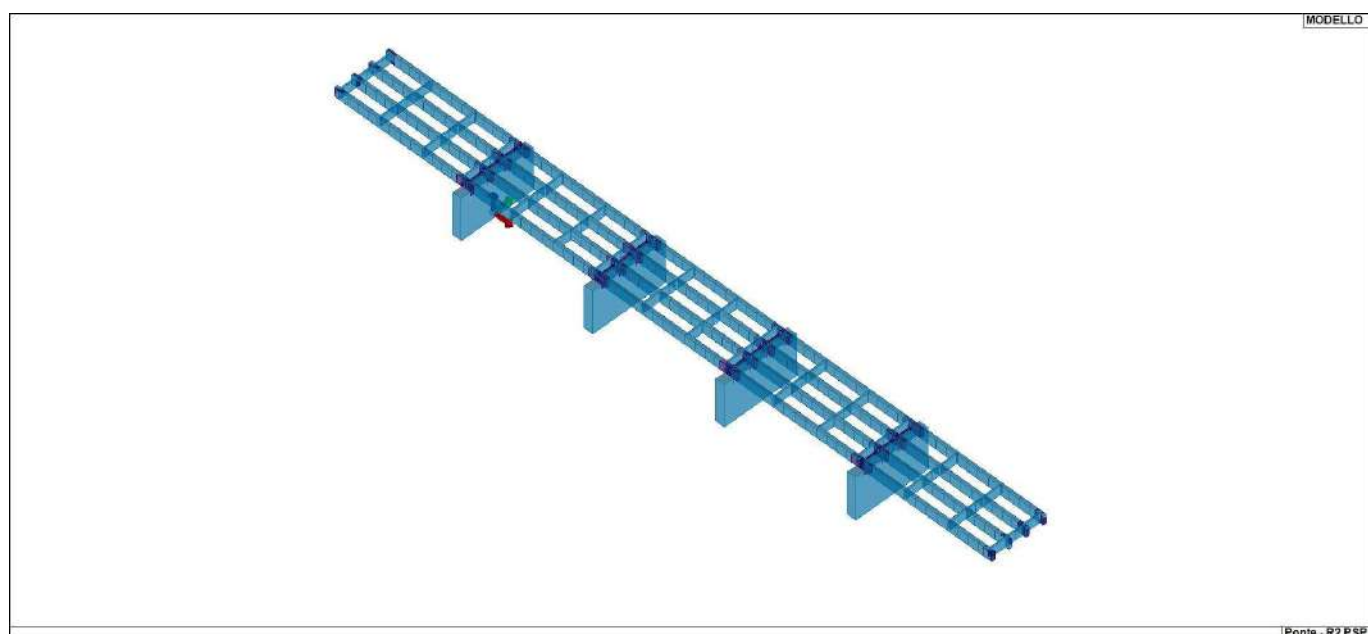
	Resistenza fvlm Resistenza fbt Coefficiente mu Coefficiente fi Coefficiente ksb	Valore della massima resistenza a taglio Valore della resistenza a trazione dei blocchi Coefficiente d'attrito utilizzato per la resistenza a taglio (tipicamente 0.4) Coefficiente d'ingranamento utilizzato per la resistenza a taglio Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
4	legno	
	E0,05 Resistenza fc0 Resistenza ft0 Resistenza fm Resistenza fv Resist. ft0k Resist. fmk Resist. fvk Modulo E0,05 Lamellare	Modulo di elasticità corrispondente ad un frattile del 5% Valore della resistenza a compressione parallela Valore della resistenza a trazione parallela Valore della resistenza a flessione Valore della resistenza a taglio Resistenza caratteristica (tensione amm. per REGLES) per trazione Resistenza caratteristica (tensione amm. per REGLES) per flessione Resistenza caratteristica (tensione amm. per REGLES) per taglio Modulo elastico parallelo caratteristico lamellare o massiccio

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)

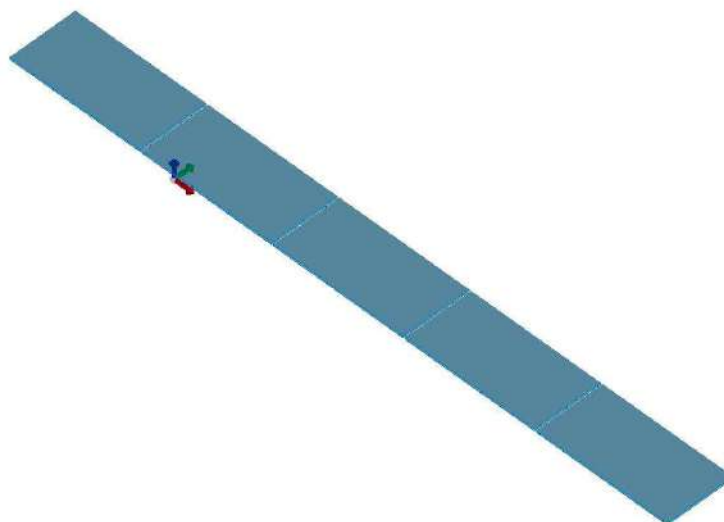
Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
1	Calcestruzzo Classe C25/30 < MATERIALE NUOVO >			3.145e+05	0.20	1.310e+05	2.50e-03	1.00e-05	
	Resistenza Rc	300.0	396.4						
	Resistenza fctm		25.6						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
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
3	Calcestruzzo Classe C28/35 < MATERIALE NUOVO >			3.260e+05	0.20	1.358e+05	2.50e-03	1.00e-05	
	Resistenza Rc	350.0	446.4						
	Resistenza fctm		28.4						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
4	Calcestruzzo Classe C30/37 < MATERIALE NUOVO >			3.302e+05	0.20	1.376e+05	2.50e-03	1.00e-05	
	Resistenza Rc	370.0	466.4						
	Resistenza fctm		29.4						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
5	Calcestruzzo Classe C32/40 < MATERIALE NUOVO >			3.360e+05	0.20	1.400e+05	2.50e-03	1.00e-05	
	Resistenza Rc	400.0	496.4						
	Resistenza fctm		31.0						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
6	Calcestruzzo Classe C35/45 < MATERIALE NUOVO >			3.460e+05	0.20	1.442e+05	2.50e-03	1.00e-05	
	Resistenza Rc	450.0	546.4						
	Resistenza fctm		33.5						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
7	Calcestruzzo Classe C40/50 < MATERIALE NUOVO >			3.550e+05	0.20	1.479e+05	2.50e-03	1.00e-05	
	Resistenza Rc	500.0	596.4						
	Resistenza fctm		36.0						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
8	Calcestruzzo Classe C45/55 < MATERIALE NUOVO >			3.640e+05	0.20	1.517e+05	2.50e-03	1.00e-05	
	Resistenza Rc	550.0	646.4						
	Resistenza fctm		38.3						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
9	Calcestruzzo Classe C50/60 < MATERIALE NUOVO >			3.720e+05	0.20	1.550e+05	2.50e-03	1.00e-05	
	Resistenza Rc	600.0	696.4						
	Resistenza fctm		40.6						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
10	Calcestruzzo Classe C55/67 < MATERIALE NUOVO >			3.830e+05	0.20	1.596e+05	2.50e-03	1.00e-05	
	Resistenza Rc	670.0	766.4						
	Resistenza fctm		42.3						
	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

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						
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		
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		
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		

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

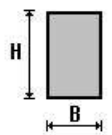
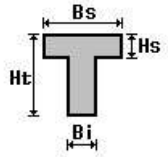
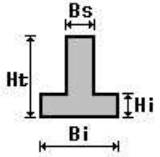
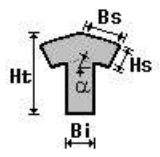
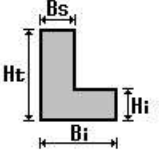
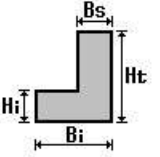
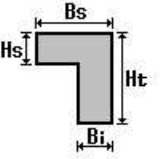
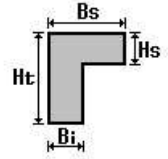
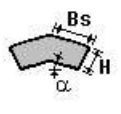
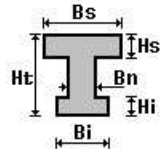
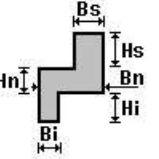
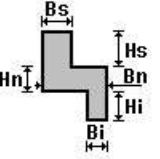
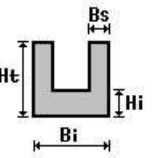
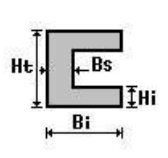
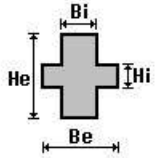
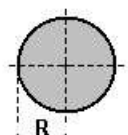
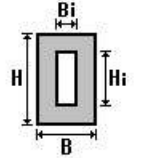
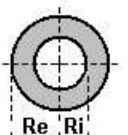
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

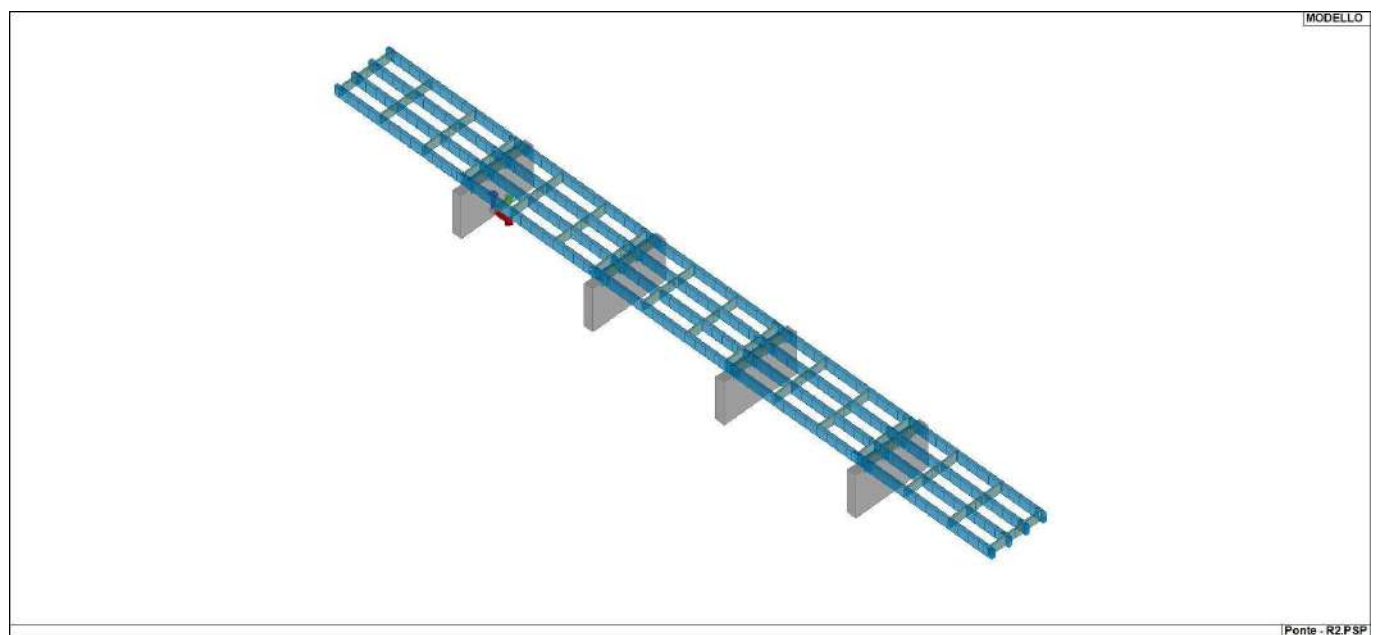
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali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

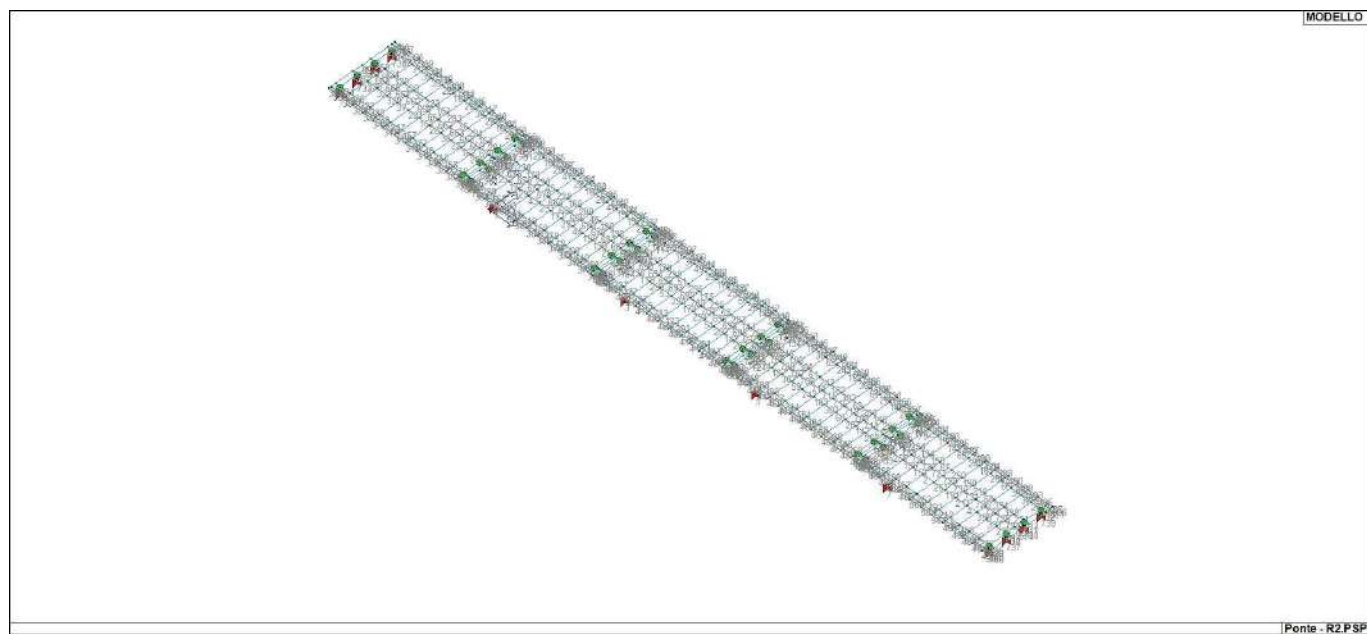
Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilati.

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 cm2	A V2 cm2	A V3 cm2	Jt cm4	J 2-2 cm4	J 3-3 cm4	W 2-2 cm3	W 3-3 cm3	Wp 2-2 cm3	Wp 3-3 cm3
1	PILE- Rettangolare: b=670 h=80	5.360e+04	4.467e+04	4.467e+04	1.057e+08	2.005e+09	2.859e+07	5.985e+06	7.147e+05	8.978e+06	1.072e+06
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



13_MOD_SEZIONI



14_MOD_NUMERAZIONE_NODI

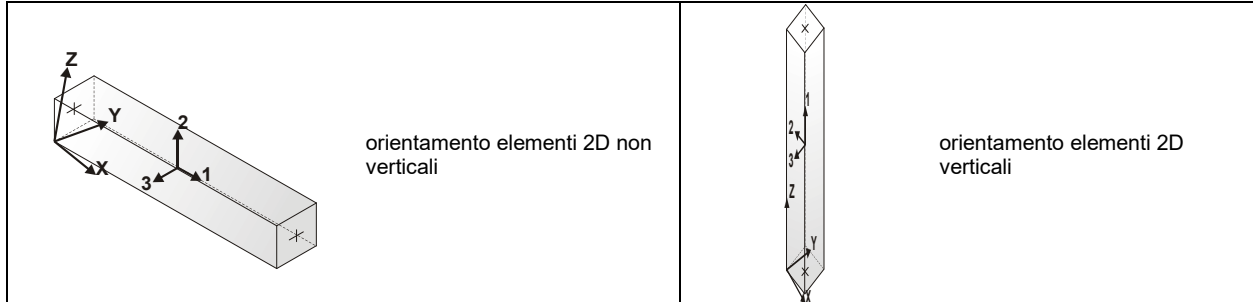
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

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	1					
2	Pilas.	3	71	2	1					
3	Pilas.	5	72	2	1					
4	Pilas.	7	69	2	1					
5	Trave	48	197	2	2					
6	Trave	46	198	2	2					
7	Trave	44	199	2	2					
8	Trave	42	200	2	2					
9	Trave	56	201	2	2					
10	Trave	54	202	2	2					
11	Trave	52	203	2	2					
12	Trave	50	204	2	2					
13	Trave	64	205	2	2					
14	Trave	62	206	2	2					
15	Trave	60	207	2	2					
16	Trave	58	208	2	2					
17	Trave	28	270	2	2					
18	Trave	27	269	2	2					
19	Trave	26	272	2	2					
20	Trave	25	271	2	2					
21	Trave	327	33	2	2					
22	Trave	328	35	2	2					
23	Trave	329	37	2	2					
24	Trave	330	39	2	2					
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	2	
68	Trave	40	218	2	2	
69	Trave	41	219	2	2	
70	Trave	73	220	2	2	
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	2	
88	Trave	38	222	2	2	
89	Trave	35	223	2	2	
90	Trave	36	224	2	2	
91	Trave	33	225	2	2	
92	Trave	273	214	2	2	
93	Trave	47	227	2	2	
94	Trave	88	228	2	2	
95	Trave	45	229	2	2	
96	Trave	83	230	2	2	
97	Trave	43	231	2	2	
98	Trave	78	232	2	2	
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	
111	Pilas.	110	16	157	2	000111
112	Pilas.	111	108	157	2	000111
113	Trave	110	112	157	2	

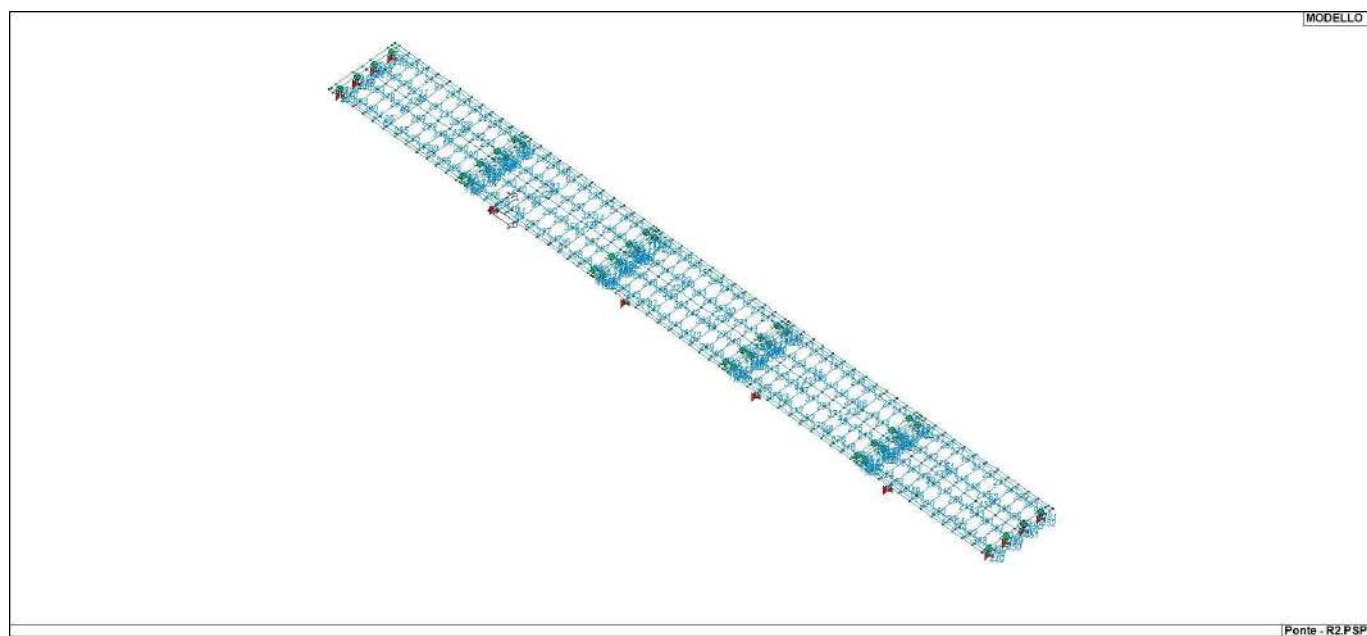
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115	Pilas.	115	17	157	2	000111
116	Pilas.	116	113	157	2	000111
117	Trave	115	117	157	2	
118	Trave	117	116	157	2	
119	Pilas.	120	18	157	2	000111
120	Pilas.	121	118	157	2	000111
121	Trave	120	122	157	2	
122	Trave	122	121	157	2	
123	Pilas.	125	19	157	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	2	
148	Trave	53	234	2	2	
149	Trave	51	235	2	2	
150	Trave	49	236	2	2	
151	Trave	93	237	2	2	
152	Trave	98	238	2	2	
153	Trave	103	239	2	2	
154	Trave	108	240	2	2	
155	Trave	63	241	2	2	
156	Trave	61	242	2	2	
157	Trave	59	243	2	2	
158	Trave	57	244	2	2	
159	Trave	128	245	2	2	
160	Trave	123	246	2	2	
161	Trave	118	247	2	2	
162	Trave	113	248	2	2	
163	Trave	65	249	2	2	
164	Trave	67	250	2	2	
165	Trave	2	251	2	2	
166	Trave	6	252	2	2	
167	Trave	124	253	2	2	
168	Trave	99	254	2	2	
169	Trave	74	255	2	2	
170	Trave	133	256	2	2	
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	
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188	Trave	97	102	157	2	
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190	Trave	122	72	157	2	

191	Trave	117	122	157	2
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200	Trave	269	270	2	3
201	Trave	70	87	157	2
202	Trave	71	107	157	2
203	Trave	72	127	157	2
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212	Trave	144	264	2	2
213	Trave	145	265	2	2
214	Trave	146	266	2	2
215	Trave	147	267	2	2
216	Trave	148	268	2	2
217	Trave	209	66	2	2
218	Trave	210	68	2	2
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228	Trave	160	280	2	2
229	Trave	161	281	2	2
230	Trave	162	282	2	2
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233	Trave	165	285	2	2
234	Trave	166	286	2	2
235	Trave	167	287	2	2
236	Trave	168	288	2	2
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238	Trave	170	290	2	2
239	Trave	171	291	2	2
240	Trave	172	292	2	2
241	Trave	173	293	2	2
242	Trave	174	294	2	2
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244	Trave	176	296	2	2
245	Trave	177	297	2	2
246	Trave	178	298	2	2
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254	Trave	186	306	2	2
255	Trave	187	307	2	2
256	Trave	188	308	2	2
257	Trave	189	209	2	2
258	Trave	190	210	2	2
259	Trave	191	211	2	2
260	Trave	192	212	2	2
261	Trave	193	149	2	2
262	Trave	194	150	2	2
263	Trave	195	151	2	2
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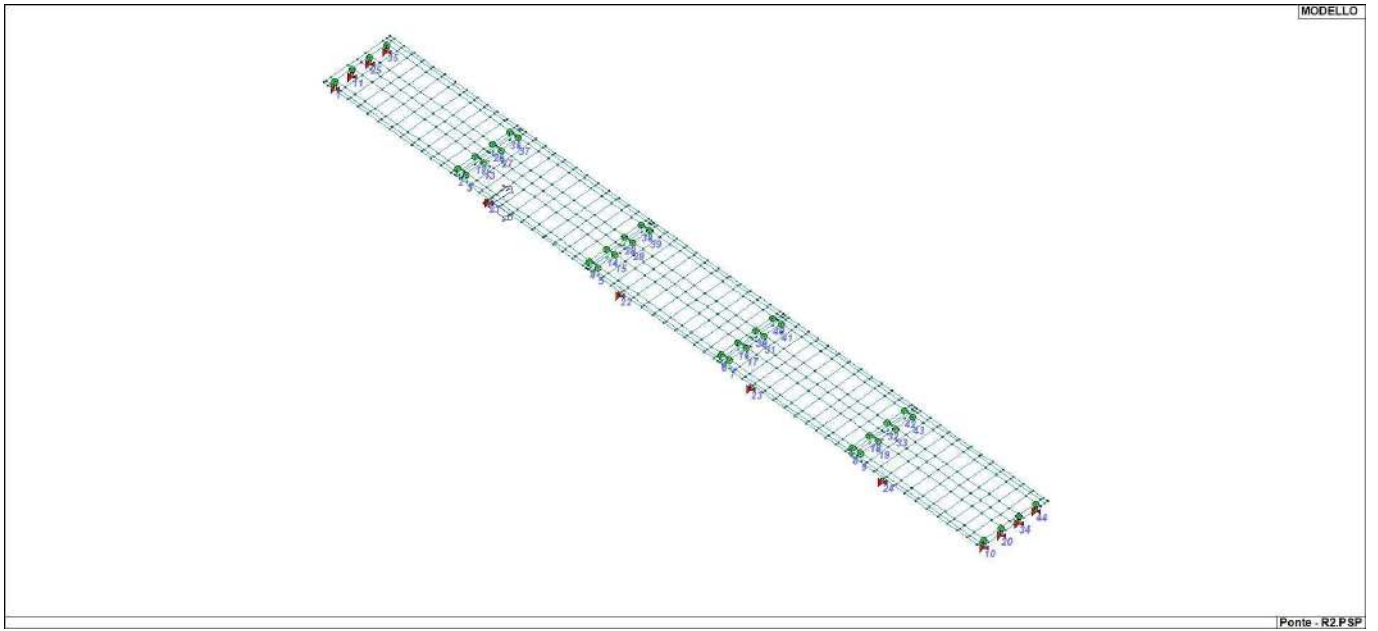
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273	Trave	205	145	2	2
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275	Trave	207	147	2	2
276	Trave	208	148	2	2
277	Trave	149	65	2	2
278	Trave	150	67	2	2
279	Trave	151	2	2	2
280	Trave	152	6	2	2
281	Trave	214	32	2	2
282	Trave	213	31	2	2
283	Trave	215	30	2	2
284	Trave	216	29	2	2
285	Trave	217	157	2	2
286	Trave	218	158	2	2
287	Trave	219	159	2	2
288	Trave	220	160	2	2
289	Trave	221	161	2	2
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291	Trave	223	163	2	2
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328	Trave	260	13	2	2
329	Trave	261	17	2	2
330	Trave	262	18	2	2
331	Trave	263	19	2	2
332	Trave	264	20	2	2
333	Trave	265	24	2	2
334	Trave	266	23	2	2
335	Trave	267	22	2	2
336	Trave	268	21	2	2
337	Trave	270	323	2	2
338	Trave	269	324	2	2
339	Trave	272	325	2	2
340	Trave	271	326	2	2
341	Trave	66	393	2	2
342	Trave	68	394	2	2
343	Trave	4	395	2	2
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345	Trave	277	40	2	2
346	Trave	278	9	2	2
347	Trave	279	42	2	2
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349	Trave	281	38	2	2
350	Trave	282	10	2	2
351	Trave	283	36	2	2
352	Trave	284	11	2	2
353	Trave	285	34	2	2
354	Trave	286	12	2	2
355	Trave	287	48	2	2
356	Trave	288	47	2	2
357	Trave	289	46	2	2
358	Trave	290	45	2	2
359	Trave	291	44	2	2
360	Trave	292	43	2	2
361	Trave	293	56	2	2
362	Trave	294	54	2	2
363	Trave	295	52	2	2
364	Trave	296	50	2	2
365	Trave	297	55	2	2
366	Trave	298	53	2	2
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370	Trave	302	62	2	2
371	Trave	303	60	2	2
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377	Trave	319	327	2	2
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388	Trave	392	276	2	2
389	Trave	393	389	2	2
390	Trave	394	390	2	2
391	Trave	395	391	2	2
392	Trave	396	392	2	2
393	Trave	12	344	2	2
394	Trave	348	88	2	2
395	Trave	11	343	2	2
396	Trave	347	83	2	2
397	Trave	10	342	2	2
398	Trave	346	78	2	2
399	Trave	9	341	2	2
400	Trave	345	73	2	2
401	Trave	16	387	2	2
402	Trave	397	108	2	2
403	Trave	15	153	2	2
404	Trave	400	103	2	2
405	Trave	14	154	2	2
406	Trave	401	98	2	2
407	Trave	13	155	2	2
408	Trave	402	93	2	2
409	Trave	20	429	2	2
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411	Trave	19	431	2	2
412	Trave	438	123	2	2
413	Trave	18	432	2	2
414	Trave	439	118	2	2
415	Trave	17	433	2	2
416	Trave	440	113	2	2
417	Trave	24	467	2	2
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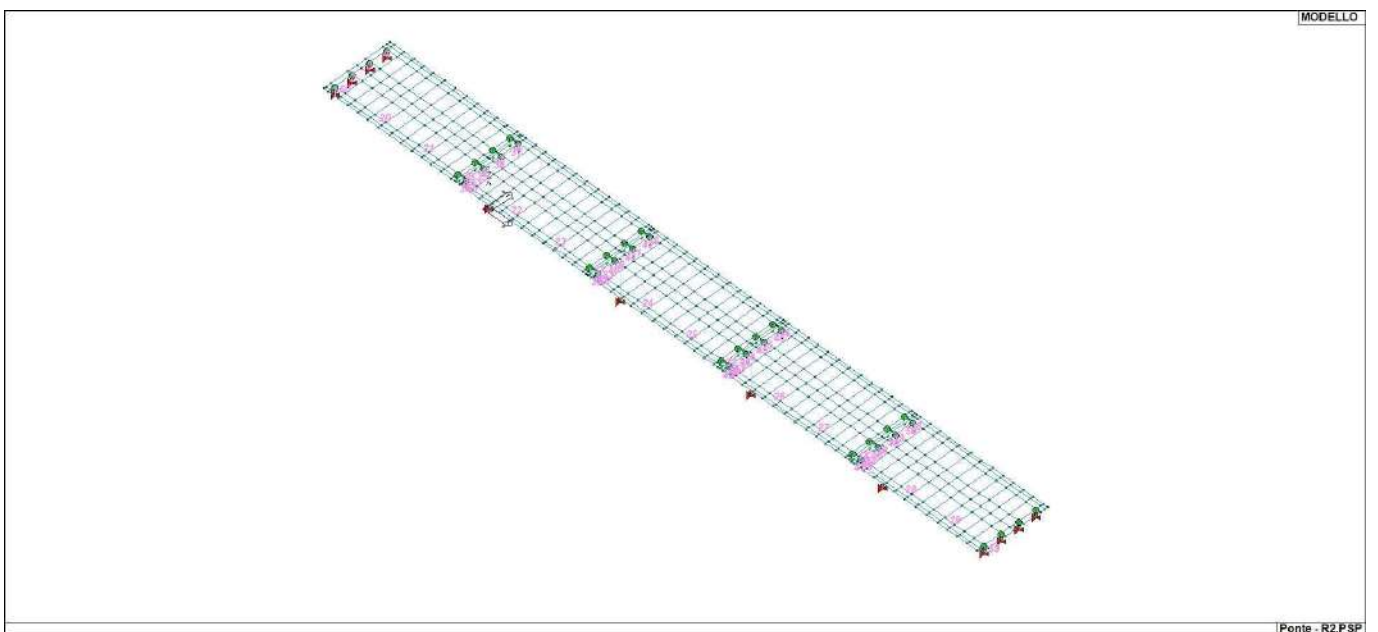
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424	Trave	478	133	2	2	
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427	Trave	678	45	2	3	
428	Trave	680	46	2	3	
429	Trave	693	51	2	3	
430	Trave	695	52	2	3	
431	Trave	708	61	2	3	
432	Trave	710	62	2	3	
433	Trave	723	67	2	3	
434	Trave	725	68	2	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
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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

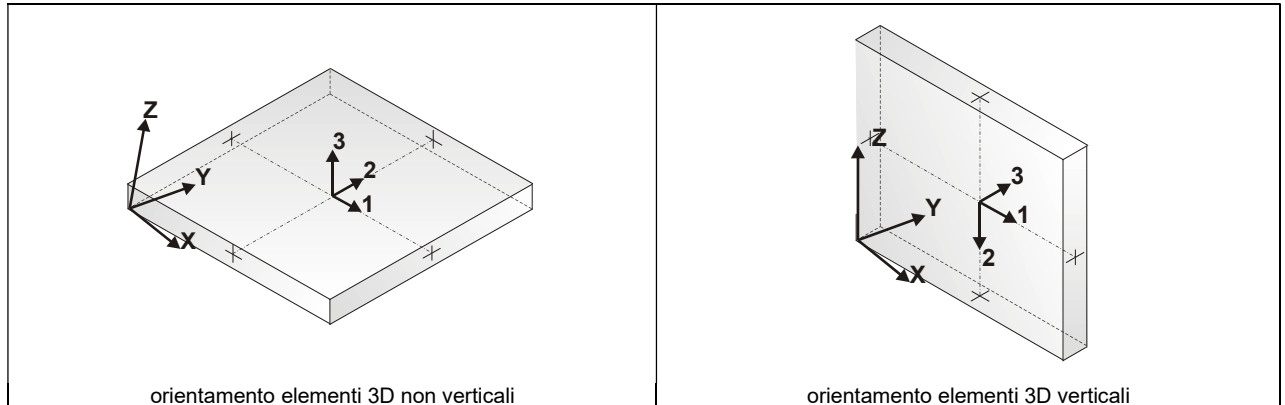
MODELLAZIONE STRUTTURALE: ELEMENTI SHELL

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.

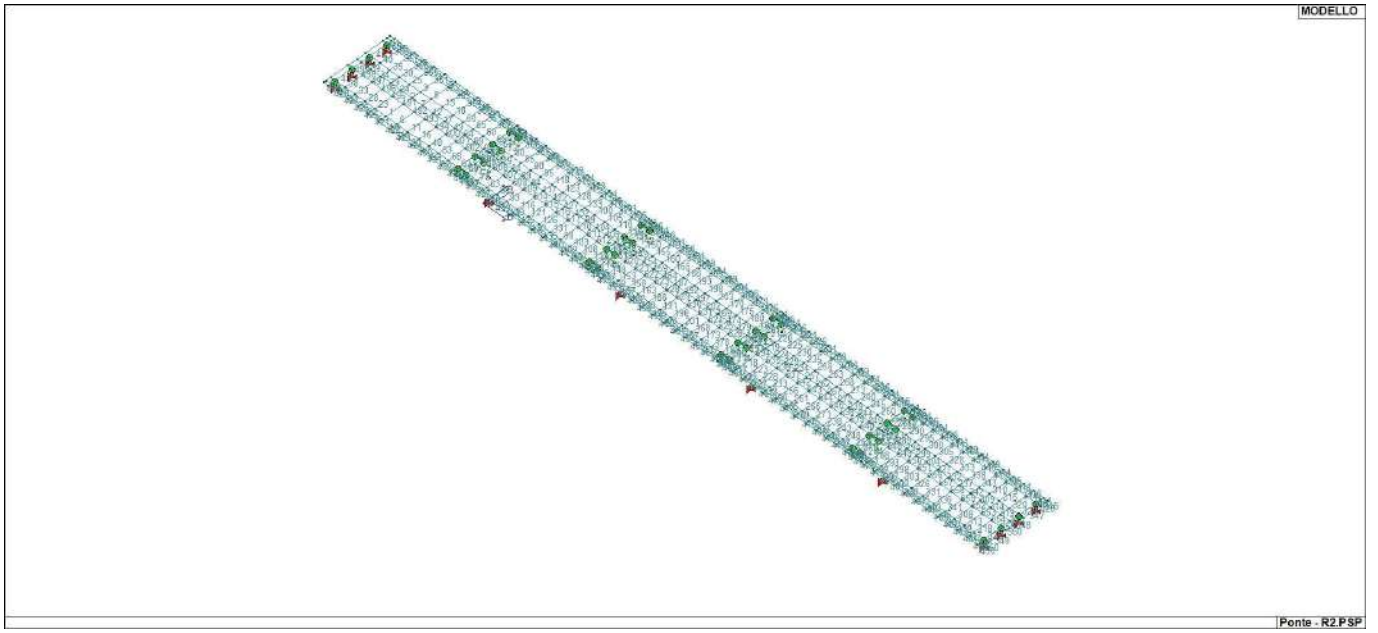


In particolare per ogni elemento viene indicato in tabella:

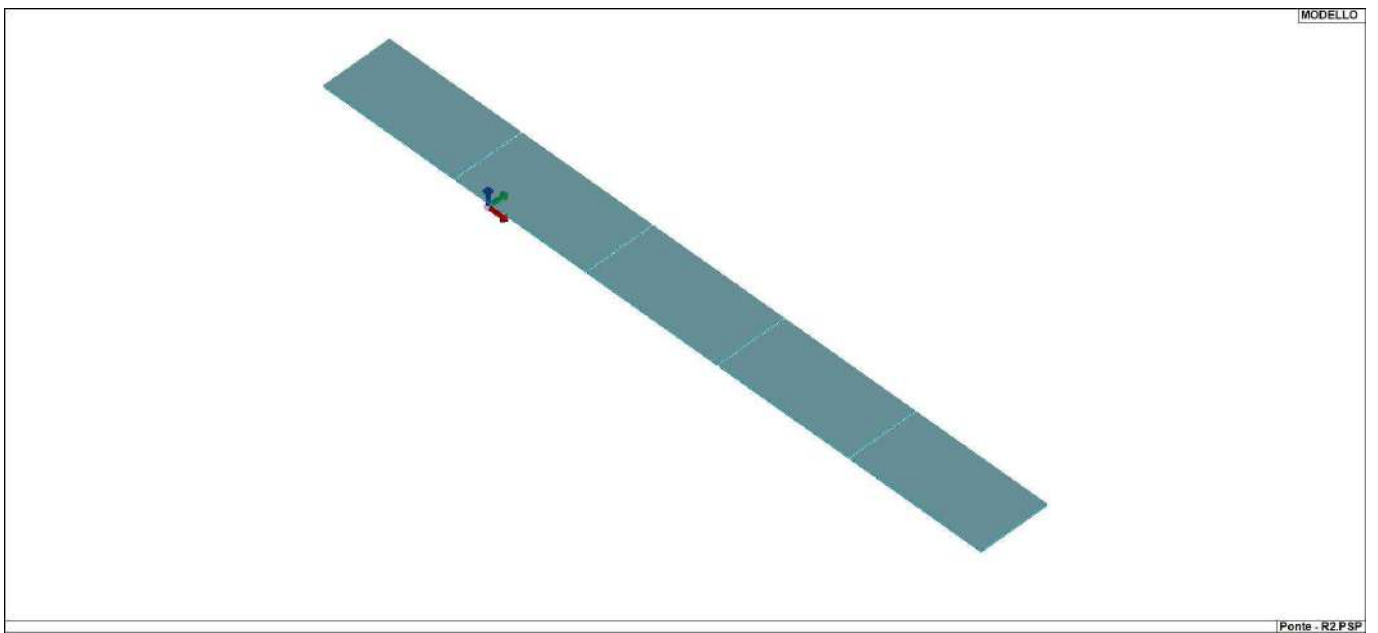
Elem.	numero dell'elemento
Note	codice di comportamento: Guscio (elemento guscio in elevazione non verticale) Guscio fond. (elemento guscio su suolo elastico) Setto (elemento guscio in elevazione verticale) Membrana (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo I (J, 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			

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



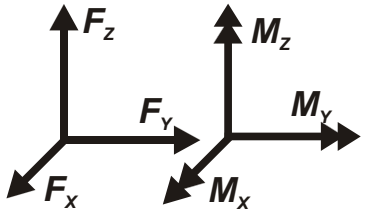
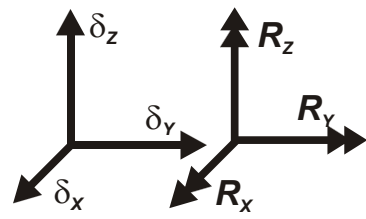
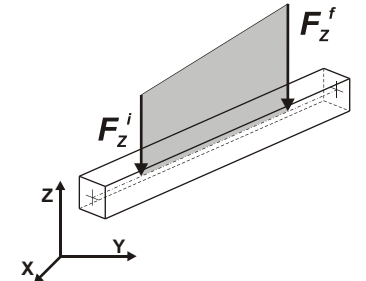
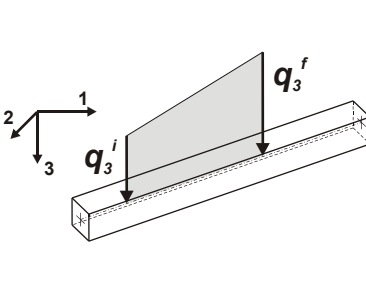
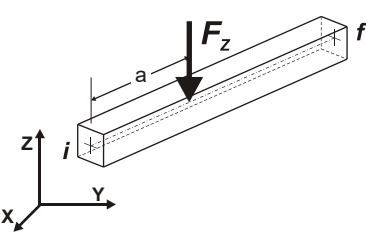
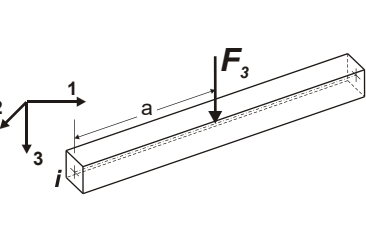
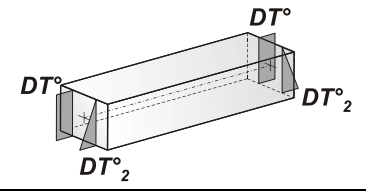
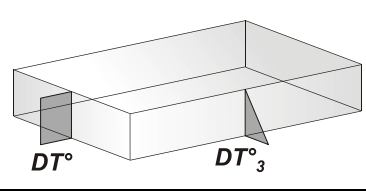
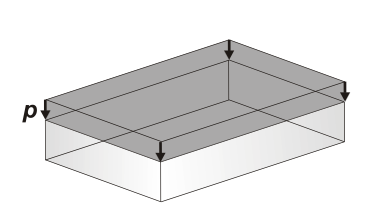
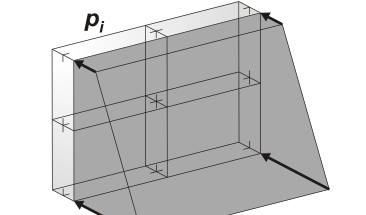
16_MOD_SPESSORI_D3

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>
 <p>Carico termico 2D</p>	 <p>Carico termico 3D</p>
 <p>Carico pressione uniforme</p>	 <p>Carico pressione variabile</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 cm	valore daN/cm2	ascissa cm	valore 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 daN	Centro X cm	Centro Y cm	dim. X cm	dim. Y cm	Passo X cm	Passo Y 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
25	campata 4 - Q2k-A-CGL: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-CGL: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-CGL: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-CGL: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-CGL: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-CGL: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-CGL: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

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	Tipo	Descrizione
1	Ggk	A	caso di carico comprensivo del peso proprio struttura
2	Gk	NA	caso di carico con azioni permanenti
3	Qk	NA	caso di carico con azioni variabili
4	Gsk	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	Qsk	A	caso di carico comprensivo dei carichi variabili sui solai
6	Qnk	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	Qtk	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	Qvk	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	Esk	SA	caso di carico sismico con analisi statica equivalente
10	Edk	SA	caso di carico sismico con analisi dinamica
11	Etk	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	Pk	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:

7-Qtk, in quanto richiede solo il valore della variazione termica;

9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso: *Numero Tipo e Sigla identificativa, Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gk	Permanente Portato	Azioni applicate:
			D3 :da 1 a 3 Azione : asfalto-QV:unif - Qz - Area
			D3 : 4 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 5 a 8 Azione : asfalto-QV:unif - Qz - Area
			D3 : 9 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 10 a 13 Azione : asfalto-QV:unif - Qz - Area
			D3 : 14 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 15 a 18 Azione : asfalto-QV:unif - Qz - Area
			D3 : 19 Azione : cordolo-QV:unif - Qz - Area
			D3 : 20 Azione : asfalto-QV:unif - Qz - Area
			D3 : 21 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 22 a 25 Azione : asfalto-QV:unif - Qz - Area
			D3 : 26 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 27 a 30 Azione : asfalto-QV:unif - Qz - Area
			D3 : 31 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 32 a 35 Azione : asfalto-QV:unif - Qz - Area
			D3 : 36 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 37 a 40 Azione : asfalto-QV:unif - Qz - Area
			D3 : 41 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 42 a 45 Azione : asfalto-QV:unif - Qz - Area
			D3 : 46 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 47 a 50 Azione : asfalto-QV:unif - Qz - Area
			D3 : 51 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 52 a 55 Azione : asfalto-QV:unif - Qz - Area
			D3 : 56 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 57 a 60 Azione : asfalto-QV:unif - Qz - Area
			D3 : 61 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 62 a 65 Azione : asfalto-QV:unif - Qz - Area
			D3 : 66 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 67 a 70 Azione : asfalto-QV:unif - Qz - Area
			D3 : 71 Azione : cordolo-QV:unif - Qz - Area

[illegible]

CDC	Tipo	Sigla Id	Note
			D3 :da 260 a 263 Azione : asfalto-QV:unif - Qz - Area
			D3 : 264 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 265 a 268 Azione : asfalto-QV:unif - Qz - Area
			D3 : 269 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 270 a 273 Azione : asfalto-QV:unif - Qz - Area
			D3 : 274 Azione : cordolo-QV:unif - Qz - Area
			D3 : 275 Azione : asfalto-QV:unif - Qz - Area
			D3 : 276 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 277 a 280 Azione : asfalto-QV:unif - Qz - Area
			D3 : 281 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 282 a 285 Azione : asfalto-QV:unif - Qz - Area
			D3 : 286 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 287 a 290 Azione : asfalto-QV:unif - Qz - Area
			D3 : 291 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 292 a 295 Azione : asfalto-QV:unif - Qz - Area
			D3 : 296 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 297 a 300 Azione : asfalto-QV:unif - Qz - Area
			D3 : 301 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 302 a 305 Azione : asfalto-QV:unif - Qz - Area
			D3 : 306 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 307 a 310 Azione : asfalto-QV:unif - Qz - Area
			D3 : 311 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 312 a 315 Azione : asfalto-QV:unif - Qz - Area
			D3 : 316 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 317 a 320 Azione : asfalto-QV:unif - Qz - Area
			D3 : 321 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 322 a 328 Azione : asfalto-QV:unif - Qz - Area
			D3 : 329 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 330 a 333 Azione : asfalto-QV:unif - Qz - Area
			D3 : 334 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 335 a 338 Azione : asfalto-QV:unif - Qz - Area
			D3 : 339 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 340 a 343 Azione : asfalto-QV:unif - Qz - Area
			D3 : 344 Azione : cordolo-QV:unif - Qz - Area
			D3 : 345 Azione : asfalto-QV:unif - Qz - Area
			D3 : 346 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 347 a 420 Azione : asfalto-QV:unif - Qz - Area
			D3 :da 421 a 490 Azione : cordolo-QV:unif - Qz - Area
			D3 :da 491 a 560 Azione : asfalto-QV:unif - Qz - Area
3	Gk	Barriera	Azioni applicate:
			D3 : 4 Azione : guard rail-QV:unif - Qz - Area
			D3 : 9 Azione : guard rail-QV:unif - Qz - Area
			D3 : 14 Azione : guard rail-QV:unif - Qz - Area
			D3 : 19 Azione : guard rail-QV:unif - Qz - Area
			D3 : 21 Azione : guard rail-QV:unif - Qz - Area
			D3 : 26 Azione : guard rail-QV:unif - Qz - Area
			D3 : 31 Azione : guard rail-QV:unif - Qz - Area
			D3 : 36 Azione : guard rail-QV:unif - Qz - Area
			D3 : 41 Azione : guard rail-QV:unif - Qz - Area
			D3 : 46 Azione : guard rail-QV:unif - Qz - Area
			D3 : 51 Azione : guard rail-QV:unif - Qz - Area
			D3 : 56 Azione : guard rail-QV:unif - Qz - Area
			D3 : 61 Azione : guard rail-QV:unif - Qz - Area
			D3 : 66 Azione : guard rail-QV:unif - Qz - Area
			D3 : 71 Azione : guard rail-QV:unif - Qz - Area
			D3 : 76 Azione : guard rail-QV:unif - Qz - Area
			D3 : 81 Azione : guard rail-QV:unif - Qz - Area
			D3 : 86 Azione : guard rail-QV:unif - Qz - Area
			D3 : 91 Azione : guard rail-QV:unif - Qz - Area
			D3 : 96 Azione : guard rail-QV:unif - Qz - Area
			D3 : 101 Azione : guard rail-QV:unif - Qz - Area
			D3 : 106 Azione : guard rail-QV:unif - Qz - Area
			D3 : 111 Azione : guard rail-QV:unif - Qz - Area
			D3 : 119 Azione : guard rail-QV:unif - Qz - Area
			D3 : 124 Azione : guard rail-QV:unif - Qz - Area
			D3 : 129 Azione : guard rail-QV:unif - Qz - Area
			D3 : 134 Azione : guard rail-QV:unif - Qz - Area
			D3 : 136 Azione : guard rail-QV:unif - Qz - Area
			D3 : 141 Azione : guard rail-QV:unif - Qz - Area
			D3 : 146 Azione : guard rail-QV:unif - Qz - Area
			D3 : 151 Azione : guard rail-QV:unif - Qz - Area
			D3 : 156 Azione : guard rail-QV:unif - Qz - Area
			D3 : 161 Azione : guard rail-QV:unif - Qz - Area
			D3 : 166 Azione : guard rail-QV:unif - Qz - Area

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			D3 : 171 Azione : guard rail-QV:unif - Qz - Area
			D3 : 176 Azione : guard rail-QV:unif - Qz - Area
			D3 : 181 Azione : guard rail-QV:unif - Qz - Area
			D3 : 189 Azione : guard rail-QV:unif - Qz - Area
			D3 : 194 Azione : guard rail-QV:unif - Qz - Area
			D3 : 199 Azione : guard rail-QV:unif - Qz - Area
			D3 : 204 Azione : guard rail-QV:unif - Qz - Area
			D3 : 206 Azione : guard rail-QV:unif - Qz - Area
			D3 : 211 Azione : guard rail-QV:unif - Qz - Area
			D3 : 216 Azione : guard rail-QV:unif - Qz - Area
			D3 : 221 Azione : guard rail-QV:unif - Qz - Area
			D3 : 226 Azione : guard rail-QV:unif - Qz - Area
			D3 : 231 Azione : guard rail-QV:unif - Qz - Area
			D3 : 236 Azione : guard rail-QV:unif - Qz - Area
			D3 : 241 Azione : guard rail-QV:unif - Qz - Area
			D3 : 246 Azione : guard rail-QV:unif - Qz - Area
			D3 : 251 Azione : guard rail-QV:unif - Qz - Area
			D3 : 259 Azione : guard rail-QV:unif - Qz - Area
			D3 : 264 Azione : guard rail-QV:unif - Qz - Area
			D3 : 269 Azione : guard rail-QV:unif - Qz - Area
			D3 : 274 Azione : guard rail-QV:unif - Qz - Area
			D3 : 276 Azione : guard rail-QV:unif - Qz - Area
			D3 : 281 Azione : guard rail-QV:unif - Qz - Area
			D3 : 286 Azione : guard rail-QV:unif - Qz - Area
			D3 : 291 Azione : guard rail-QV:unif - Qz - Area
			D3 : 296 Azione : guard rail-QV:unif - Qz - Area
			D3 : 301 Azione : guard rail-QV:unif - Qz - Area
			D3 : 306 Azione : guard rail-QV:unif - Qz - Area
			D3 : 311 Azione : guard rail-QV:unif - Qz - Area
			D3 : 316 Azione : guard rail-QV:unif - Qz - Area
			D3 : 321 Azione : guard rail-QV:unif - Qz - Area
			D3 : 329 Azione : guard rail-QV:unif - Qz - Area
			D3 : 334 Azione : guard rail-QV:unif - Qz - Area
			D3 : 339 Azione : guard rail-QV:unif - Qz - Area
			D3 : 344 Azione : guard rail-QV:unif - Qz - Area
			D3 : 346 Azione : guard rail-QV:unif - Qz - Area
			D3 :da 421 a 490 Azione : guard rail-QV:unif - Qz - Area
4	Qk	Carico folla	Azioni applicate:
			D3 : 1 Azione : folla2-QV:unif - Qz - Area
			D3 :da 2 a 3 Azione : folla1-QV:unif - Qz - Area
			D3 :da 5 a 6 Azione : folla2-QV:unif - Qz - Area
			D3 :da 7 a 8 Azione : folla1-QV:unif - Qz - Area
			D3 :da 10 a 11 Azione : folla2-QV:unif - Qz - Area
			D3 :da 12 a 13 Azione : folla1-QV:unif - Qz - Area
			D3 :da 15 a 16 Azione : folla2-QV:unif - Qz - Area
			D3 :da 17 a 18 Azione : folla1-QV:unif - Qz - Area
			D3 : 20 Azione : folla2-QV:unif - Qz - Area
			D3 :da 22 a 23 Azione : folla2-QV:unif - Qz - Area
			D3 :da 24 a 25 Azione : folla1-QV:unif - Qz - Area
			D3 :da 27 a 28 Azione : folla2-QV:unif - Qz - Area
			D3 :da 29 a 30 Azione : folla1-QV:unif - Qz - Area
			D3 :da 32 a 33 Azione : folla2-QV:unif - Qz - Area
			D3 :da 34 a 35 Azione : folla1-QV:unif - Qz - Area
			D3 :da 37 a 38 Azione : folla2-QV:unif - Qz - Area
			D3 :da 39 a 40 Azione : folla1-QV:unif - Qz - Area
			D3 :da 42 a 43 Azione : folla2-QV:unif - Qz - Area
			D3 :da 44 a 45 Azione : folla1-QV:unif - Qz - Area
			D3 :da 47 a 48 Azione : folla2-QV:unif - Qz - Area
			D3 :da 49 a 50 Azione : folla1-QV:unif - Qz - Area
			D3 :da 52 a 53 Azione : folla2-QV:unif - Qz - Area
			D3 :da 54 a 55 Azione : folla1-QV:unif - Qz - Area
			D3 :da 57 a 58 Azione : folla2-QV:unif - Qz - Area
			D3 :da 59 a 60 Azione : folla1-QV:unif - Qz - Area
			D3 :da 62 a 63 Azione : folla2-QV:unif - Qz - Area
			D3 :da 64 a 65 Azione : folla1-QV:unif - Qz - Area
			D3 :da 67 a 68 Azione : folla1-QV:unif - Qz - Area
			D3 :da 69 a 70 Azione : folla2-QV:unif - Qz - Area
			D3 :da 72 a 73 Azione : folla1-QV:unif - Qz - Area
			D3 :da 74 a 75 Azione : folla2-QV:unif - Qz - Area
			D3 :da 77 a 78 Azione : folla2-QV:unif - Qz - Area
			D3 :da 79 a 80 Azione : folla1-QV:unif - Qz - Area
			D3 :da 82 a 83 Azione : folla2-QV:unif - Qz - Area
			D3 :da 84 a 85 Azione : folla1-QV:unif - Qz - Area
			D3 :da 87 a 88 Azione : folla2-QV:unif - Qz - Area

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			D3 :da 89 a 90 Azione : folla1-QV:unif - Qz - Area
			D3 :da 92 a 93 Azione : folla2-QV:unif - Qz - Area
			D3 :da 94 a 95 Azione : folla1-QV:unif - Qz - Area
			D3 :da 97 a 98 Azione : folla2-QV:unif - Qz - Area
			D3 :da 99 a 100 Azione : folla1-QV:unif - Qz - Area
			D3 :da 102 a 103 Azione : folla2-QV:unif - Qz - Area
			D3 :da 104 a 105 Azione : folla1-QV:unif - Qz - Area
			D3 :da 107 a 108 Azione : folla2-QV:unif - Qz - Area
			D3 :da 109 a 110 Azione : folla1-QV:unif - Qz - Area
			D3 :da 112 a 113 Azione : folla2-QV:unif - Qz - Area
			D3 :da 114 a 115 Azione : folla1-QV:unif - Qz - Area
			D3 : 116 Azione : folla2-QV:unif - Qz - Area
			D3 :da 117 a 118 Azione : folla1-QV:unif - Qz - Area
			D3 :da 120 a 121 Azione : folla2-QV:unif - Qz - Area
			D3 :da 122 a 123 Azione : folla1-QV:unif - Qz - Area
			D3 :da 125 a 126 Azione : folla2-QV:unif - Qz - Area
			D3 :da 127 a 128 Azione : folla1-QV:unif - Qz - Area
			D3 :da 130 a 131 Azione : folla2-QV:unif - Qz - Area
			D3 :da 132 a 133 Azione : folla1-QV:unif - Qz - Area
			D3 : 135 Azione : folla2-QV:unif - Qz - Area
			D3 :da 137 a 138 Azione : folla1-QV:unif - Qz - Area
			D3 :da 139 a 140 Azione : folla2-QV:unif - Qz - Area
			D3 :da 142 a 143 Azione : folla1-QV:unif - Qz - Area
			D3 :da 144 a 145 Azione : folla2-QV:unif - Qz - Area
			D3 :da 147 a 148 Azione : folla2-QV:unif - Qz - Area
			D3 :da 149 a 150 Azione : folla1-QV:unif - Qz - Area
			D3 :da 152 a 153 Azione : folla2-QV:unif - Qz - Area
			D3 :da 154 a 155 Azione : folla1-QV:unif - Qz - Area
			D3 :da 157 a 158 Azione : folla2-QV:unif - Qz - Area
			D3 :da 159 a 160 Azione : folla1-QV:unif - Qz - Area
			D3 :da 162 a 163 Azione : folla2-QV:unif - Qz - Area
			D3 :da 164 a 165 Azione : folla1-QV:unif - Qz - Area
			D3 :da 167 a 168 Azione : folla2-QV:unif - Qz - Area
			D3 :da 169 a 170 Azione : folla1-QV:unif - Qz - Area
			D3 :da 172 a 173 Azione : folla2-QV:unif - Qz - Area
			D3 :da 174 a 175 Azione : folla1-QV:unif - Qz - Area
			D3 :da 177 a 178 Azione : folla2-QV:unif - Qz - Area
			D3 :da 179 a 180 Azione : folla1-QV:unif - Qz - Area
			D3 :da 182 a 183 Azione : folla2-QV:unif - Qz - Area
			D3 :da 184 a 185 Azione : folla1-QV:unif - Qz - Area
			D3 : 186 Azione : folla2-QV:unif - Qz - Area
			D3 :da 187 a 188 Azione : folla1-QV:unif - Qz - Area
			D3 :da 190 a 191 Azione : folla2-QV:unif - Qz - Area
			D3 :da 192 a 193 Azione : folla1-QV:unif - Qz - Area
			D3 :da 195 a 196 Azione : folla2-QV:unif - Qz - Area
			D3 :da 197 a 198 Azione : folla1-QV:unif - Qz - Area
			D3 :da 200 a 201 Azione : folla2-QV:unif - Qz - Area
			D3 :da 202 a 203 Azione : folla1-QV:unif - Qz - Area
			D3 : 205 Azione : folla2-QV:unif - Qz - Area
			D3 :da 207 a 208 Azione : folla1-QV:unif - Qz - Area
			D3 :da 209 a 210 Azione : folla2-QV:unif - Qz - Area
			D3 :da 212 a 213 Azione : folla1-QV:unif - Qz - Area
			D3 :da 214 a 215 Azione : folla2-QV:unif - Qz - Area
			D3 :da 217 a 218 Azione : folla2-QV:unif - Qz - Area
			D3 :da 219 a 220 Azione : folla1-QV:unif - Qz - Area
			D3 :da 222 a 223 Azione : folla2-QV:unif - Qz - Area
			D3 :da 224 a 225 Azione : folla1-QV:unif - Qz - Area
			D3 :da 227 a 228 Azione : folla2-QV:unif - Qz - Area
			D3 :da 229 a 230 Azione : folla1-QV:unif - Qz - Area
			D3 :da 232 a 233 Azione : folla2-QV:unif - Qz - Area
			D3 :da 234 a 235 Azione : folla1-QV:unif - Qz - Area
			D3 :da 237 a 238 Azione : folla2-QV:unif - Qz - Area
			D3 :da 239 a 240 Azione : folla1-QV:unif - Qz - Area
			D3 :da 242 a 243 Azione : folla2-QV:unif - Qz - Area
			D3 :da 244 a 245 Azione : folla1-QV:unif - Qz - Area
			D3 :da 247 a 248 Azione : folla2-QV:unif - Qz - Area
			D3 :da 249 a 250 Azione : folla1-QV:unif - Qz - Area
			D3 :da 252 a 253 Azione : folla2-QV:unif - Qz - Area
			D3 :da 254 a 255 Azione : folla1-QV:unif - Qz - Area
			D3 : 256 Azione : folla2-QV:unif - Qz - Area
			D3 :da 257 a 258 Azione : folla1-QV:unif - Qz - Area
			D3 :da 260 a 261 Azione : folla2-QV:unif - Qz - Area
			D3 :da 262 a 263 Azione : folla1-QV:unif - Qz - Area
			D3 :da 265 a 266 Azione : folla2-QV:unif - Qz - Area

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			D3 :da 267 a 268 Azione : folla1-QV:unif - Qz - Area
			D3 :da 270 a 271 Azione : folla2-QV:unif - Qz - Area
			D3 :da 272 a 273 Azione : folla1-QV:unif - Qz - Area
			D3 : 275 Azione : folla2-QV:unif - Qz - Area
			D3 :da 277 a 278 Azione : folla1-QV:unif - Qz - Area
			D3 :da 279 a 280 Azione : folla2-QV:unif - Qz - Area
			D3 :da 282 a 283 Azione : folla1-QV:unif - Qz - Area
			D3 :da 284 a 285 Azione : folla2-QV:unif - Qz - Area
			D3 :da 287 a 288 Azione : folla2-QV:unif - Qz - Area
			D3 :da 289 a 290 Azione : folla1-QV:unif - Qz - Area
			D3 :da 292 a 293 Azione : folla2-QV:unif - Qz - Area
			D3 :da 294 a 295 Azione : folla1-QV:unif - Qz - Area
			D3 :da 297 a 298 Azione : folla2-QV:unif - Qz - Area
			D3 :da 299 a 300 Azione : folla1-QV:unif - Qz - Area
			D3 :da 302 a 303 Azione : folla2-QV:unif - Qz - Area
			D3 :da 304 a 305 Azione : folla1-QV:unif - Qz - Area
			D3 :da 307 a 308 Azione : folla2-QV:unif - Qz - Area
			D3 :da 309 a 310 Azione : folla1-QV:unif - Qz - Area
			D3 :da 312 a 313 Azione : folla2-QV:unif - Qz - Area
			D3 :da 314 a 315 Azione : folla1-QV:unif - Qz - Area
			D3 :da 317 a 318 Azione : folla2-QV:unif - Qz - Area
			D3 :da 319 a 320 Azione : folla1-QV:unif - Qz - Area
			D3 :da 322 a 323 Azione : folla2-QV:unif - Qz - Area
			D3 :da 324 a 325 Azione : folla1-QV:unif - Qz - Area
			D3 : 326 Azione : folla2-QV:unif - Qz - Area
			D3 :da 327 a 328 Azione : folla1-QV:unif - Qz - Area
			D3 :da 330 a 331 Azione : folla2-QV:unif - Qz - Area
			D3 :da 332 a 333 Azione : folla1-QV:unif - Qz - Area
			D3 :da 335 a 336 Azione : folla2-QV:unif - Qz - Area
			D3 :da 337 a 338 Azione : folla1-QV:unif - Qz - Area
			D3 :da 340 a 341 Azione : folla2-QV:unif - Qz - Area
			D3 :da 342 a 343 Azione : folla1-QV:unif - Qz - Area
			D3 : 345 Azione : folla2-QV:unif - Qz - Area
			D3 :da 347 a 348 Azione : folla1-QV:unif - Qz - Area
			D3 :da 349 a 350 Azione : folla2-QV:unif - Qz - Area
			D3 :da 351 a 420 Azione : folla1-QV:unif - Qz - Area
			D3 :da 491 a 560 Azione : folla2-QV:unif - Qz - Area
5	Qk	campata 1 treno Q1-2k A	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.000e+04
			D3 :da 47 a 50 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 142 a 145 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.500e+04
			D3 :da 237 a 240 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 335 a 338 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 1 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 1 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
6	Qk	campata 1 treno Q1-2k B	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04

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			D3 :da 72 a 75 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 167 a 170 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 265 a 268 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 1 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 1 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
7	Qk	campata 1 treno Q1-2k C	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 5 a 8 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 97 a 100 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 195 a 198 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 292 a 295 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 1 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 1 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
8	Qk	campata 2 treno Q1-2k A	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.000e+04
			D3 :da 32 a 35 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 125 a 128 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 222 a 225 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 317 a 320 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 2 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 2 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
9	Qk	campata 2 treno Q1-2k B	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04

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			D3 :da 57 a 60 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.500e+04
			D3 :da 152 a 155 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 247 a 250 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 347 a 420 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 2 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 2 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
10	Qk	campata 2 treno Q1-2k C	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 82 a 85 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 177 a 180 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 277 a 280 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 2 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 2 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
11	Qk	campata 3 treno Q1-2k A	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.500e+04
			D3 :da 15 a 18 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 107 a 110 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.500e+04
			D3 :da 207 a 210 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 302 a 305 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 3 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 3 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
12	Qk	campata 3 treno Q1-2k B	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04

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			D3 :da 42 a 45 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.500e+04
			D3 :da 137 a 140 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 232 a 235 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-

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			1.000e+04
			D3 :da 335 a 338 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 3 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 3 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
13	Qk	campata 3 treno Q1-2k C	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 67 a 70 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 162 a 165 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.000e+04
			D3 :da 265 a 268 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 3 - Q1k-C-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 3 - Q2k-C-CGI:n. 4 FZ=-1.000e+04
14	Qk	campata 4 treno Q1-2k A	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.500e+04
			D3 :da 1 a 3 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

CDC	Tipo	Sigla Id	Note
			D3 :da 92 a 95 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.000e+04
			D3 :da 195 a 198 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 287 a 290 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 4 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 4 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
15	Qk	campata 4 treno Q1-2k B	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04

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			D3 :da 27 a 30 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
			1.000e+04
			D3 :da 125 a 128 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 217 a 220 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 247 a 250 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 307 a 310 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 307 a 310 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-

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			1.000e+04
			D3 :da 317 a 320 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 4 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 4 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
16	Qk	campata 5 treno Q1-2k A	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-

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			1.500e+04
			D3 :da 52 a 55 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 77 a 80 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 82 a 85 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 82 a 85 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04

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			D3 :da 147 a 150 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 177 a 180 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 177 a 180 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 237 a 240 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 237 a 240 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 242 a 245 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 242 a 245 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04

CDC	Tipo	Sigla Id	Note
			1.000e+04
			D3 :da 247 a 250 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 : 275 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 : 275 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 277 a 280 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 277 a 280 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 282 a 285 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 282 a 285 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
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			D3 :da 307 a 310 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 317 a 320 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 322 a 328 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 322 a 328 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 330 a 333 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 330 a 333 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 335 a 338 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04

CDC	Tipo	Sigla Id	Note
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			D3 : 345 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 5 - Q1k-A-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 5 - Q2k-A-CGI:n. 4 FZ=-1.000e+04
17	Qk	campata 5 treno Q1-2k B	Azioni applicate:
			D3 :da 1 a 3 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 1 a 3 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 5 a 8 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 5 a 8 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 10 a 13 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 10 a 13 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 15 a 18 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 15 a 18 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 20 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 20 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 22 a 25 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 22 a 25 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 27 a 30 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 27 a 30 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 32 a 35 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 32 a 35 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 37 a 40 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 37 a 40 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 42 a 45 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 42 a 45 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 47 a 50 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 47 a 50 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 52 a 55 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 52 a 55 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 57 a 60 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 57 a 60 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 62 a 65 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 62 a 65 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 67 a 70 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 67 a 70 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 72 a 75 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 72 a 75 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 77 a 80 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04

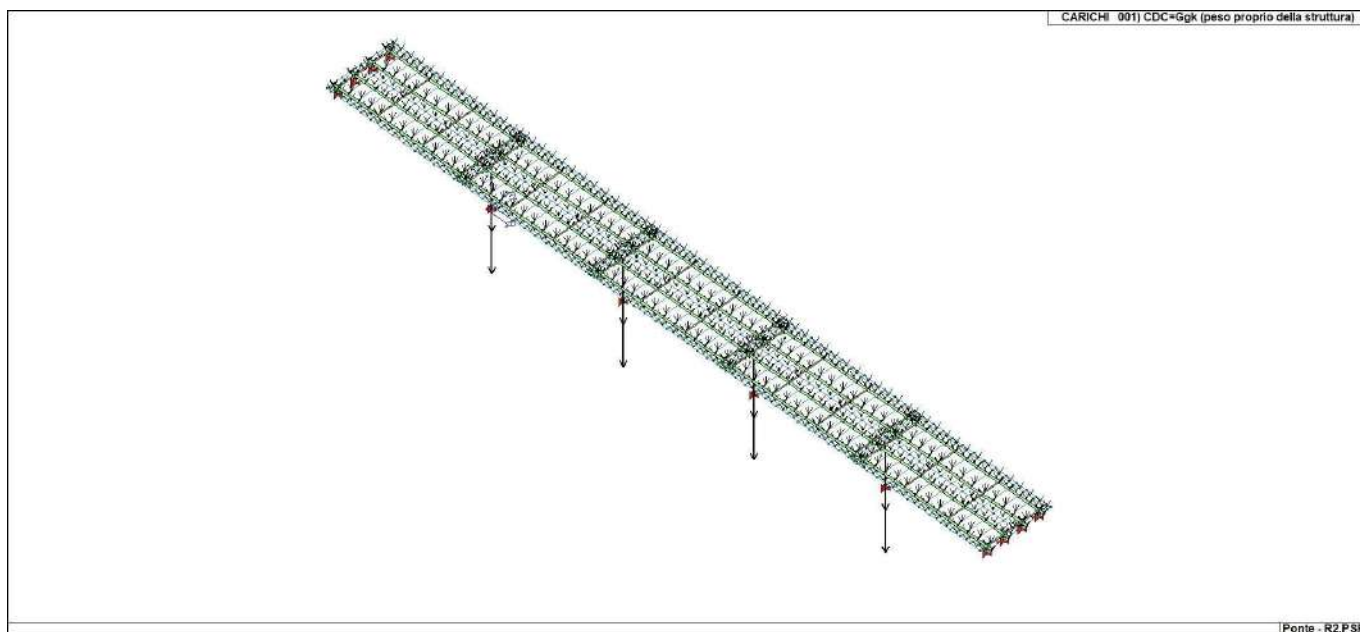
CDC	Tipo	Sigla Id	Note
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			D3 :da 82 a 85 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 87 a 90 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 87 a 90 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 92 a 95 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 92 a 95 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 97 a 100 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 97 a 100 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 102 a 105 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 102 a 105 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 107 a 110 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 107 a 110 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 112 a 118 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 112 a 118 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 120 a 123 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 120 a 123 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 125 a 128 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 125 a 128 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 130 a 133 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 130 a 133 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 135 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 135 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 137 a 140 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 137 a 140 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 142 a 145 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 142 a 145 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 147 a 150 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 147 a 150 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 152 a 155 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 152 a 155 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 157 a 160 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 157 a 160 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 162 a 165 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 162 a 165 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 167 a 170 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 167 a 170 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 172 a 175 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 172 a 175 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-

CDC	Tipo	Sigla Id	Note
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			D3 :da 177 a 180 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 182 a 188 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 182 a 188 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 190 a 193 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 190 a 193 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 195 a 198 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 195 a 198 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 200 a 203 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 200 a 203 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 205 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 205 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 207 a 210 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 207 a 210 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 212 a 215 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 212 a 215 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 217 a 220 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 217 a 220 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 222 a 225 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 222 a 225 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 227 a 230 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 227 a 230 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 232 a 235 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 232 a 235 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
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			D3 :da 237 a 240 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
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			D3 :da 247 a 250 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 247 a 250 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 252 a 258 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 252 a 258 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 260 a 263 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 260 a 263 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 265 a 268 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 265 a 268 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 270 a 273 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 270 a 273 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04

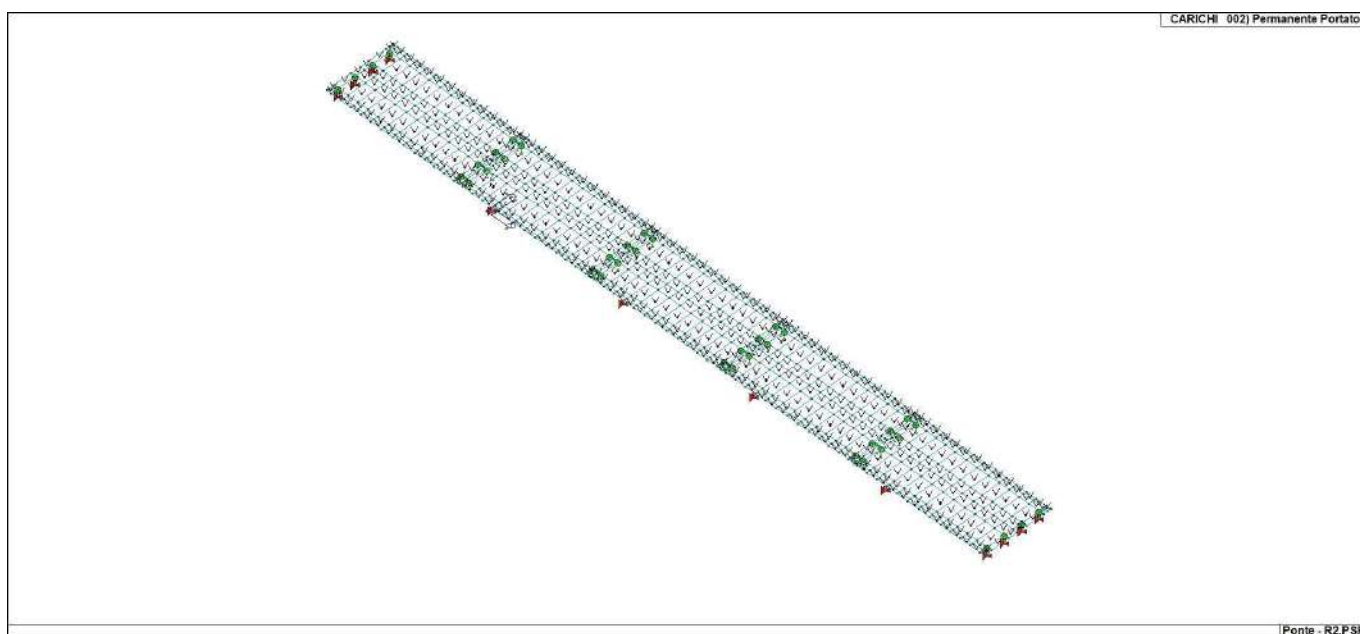
CDC	Tipo	Sigla Id	Note
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			D3 :da 282 a 285 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 287 a 290 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 287 a 290 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 292 a 295 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 292 a 295 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 297 a 300 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 297 a 300 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 302 a 305 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 302 a 305 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
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			D3 :da 307 a 310 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 312 a 315 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 312 a 315 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 317 a 320 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
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			D3 :da 335 a 338 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 335 a 338 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 340 a 343 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 340 a 343 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 : 345 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 : 345 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 347 a 420 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 347 a 420 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
			D3 :da 491 a 560 Azione : campata 5 - Q1k-B-CGI:n. 4 FZ=-1.500e+04
			D3 :da 491 a 560 Azione : campata 5 - Q2k-B-CGI:n. 4 FZ=-1.000e+04
18	Qk	AZIONE LONGITUDINALE DI FRENAMENTO O DI ACCELERAZIONE: q3	Azioni applicate: D3 :da 1 a 560 Azione : frenamento-QV:unif - Qy - Area
19	Qk	AZIONI DI NEVE: q5	Azioni applicate: D3 :da 1 a 560 Azione : neve-QV:unif - Qz - Area
20	Qk	AZIONI DI VENTO 1: q5	Azioni applicate: D2 : 5 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67 D2 :da 12 a 13 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67 D2 : 17 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67 D2 : 21 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67 D2 :da 91 a 94 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67

CDC	Tipo	Sigla Id	Note
			D2 : 150 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 154 a 155 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 159 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 163 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 167 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 205 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 212 a 213 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 217 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 221 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 233 a 236 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 244 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 248 a 249 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 253 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 257 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 261 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 265 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 272 a 273 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 277 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 281 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 293 a 296 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 304 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 308 a 309 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 313 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 317 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 321 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 325 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 332 a 333 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 337 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 341 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 353 a 356 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 364 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 368 a 369 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 373 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 377 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 381 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 385 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 : 389 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 393 a 394 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 401 a 402 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 409 a 410 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
			D2 :da 417 a 418 Azione : vento 1-DG:Fyi=-1.67 Fyf=-1.67
21	Qk	AZIONI DI VENTO 2: q5	Azioni applicate:
			D2 :da 8 a 9 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 16 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 20 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 24 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 67 a 70 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 147 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 151 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 158 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 162 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 166 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 170 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 208 a 209 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 216 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 220 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 224 a 228 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 241 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 245 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 252 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 256 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 260 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 264 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 268 a 269 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 276 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 280 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 284 a 288 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 301 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 305 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 312 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 316 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 320 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 324 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 328 a 329 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67

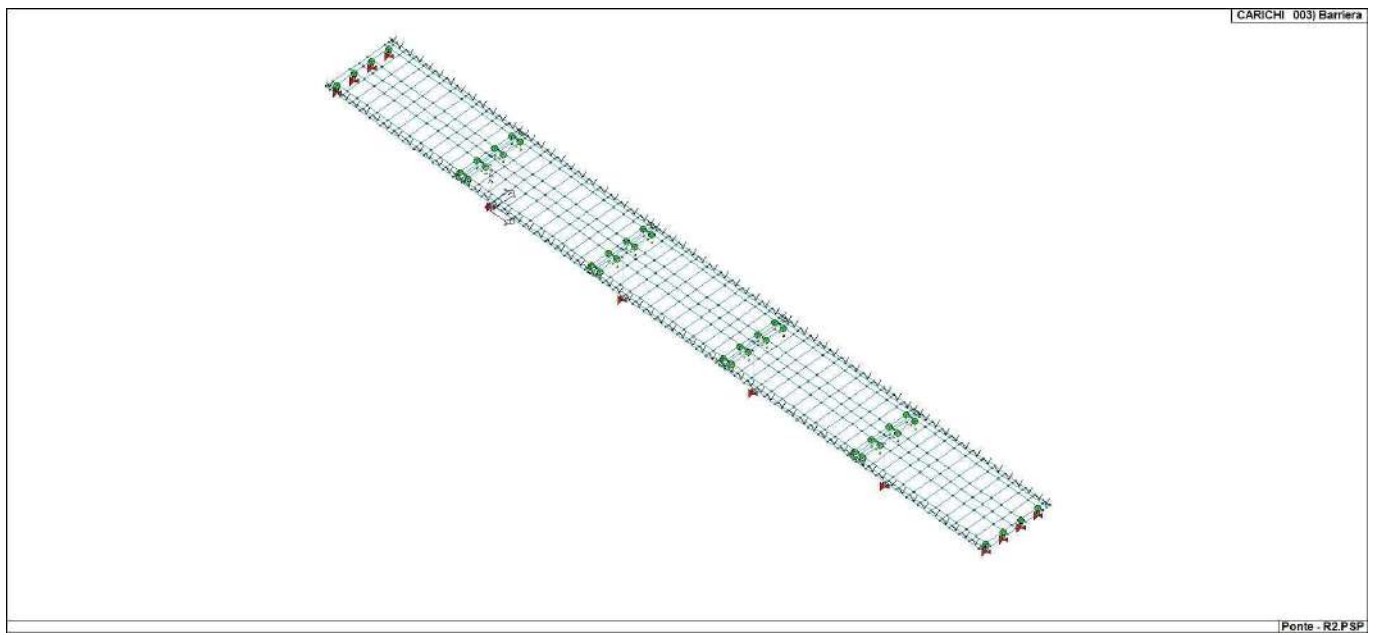
CDC	Tipo	Sigla Id	Note
			D2 : 336 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 340 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 344 a 348 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 361 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 365 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 372 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 376 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 380 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 384 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 388 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 : 392 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 399 a 400 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 407 a 408 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 415 a 416 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
			D2 :da 423 a 424 Azione : vento 2-DG:Fyi=1.67 Fyf=1.67
22	Qk	RESISTENZE PASSIVE DEI VINCOLI: q9	Azioni applicate:
			Nodo:da 9 a 24 Azione : parassita-CN:Fx=-750.00
			Nodo:da 73 a 74 Azione : parassita-CN:Fx=-750.00
			Nodo: 78 Azione : parassita-CN:Fx=-750.00
			Nodo: 83 Azione : parassita-CN:Fx=-750.00
			Nodo: 88 Azione : parassita-CN:Fx=-750.00
			Nodo: 93 Azione : parassita-CN:Fx=-750.00
			Nodo:da 98 a 99 Azione : parassita-CN:Fx=-750.00
			Nodo: 103 Azione : parassita-CN:Fx=-750.00
			Nodo: 108 Azione : parassita-CN:Fx=-750.00
			Nodo: 113 Azione : parassita-CN:Fx=-750.00
			Nodo: 118 Azione : parassita-CN:Fx=-750.00
			Nodo:da 123 a 124 Azione : parassita-CN:Fx=-750.00
			Nodo: 128 Azione : parassita-CN:Fx=-750.00
			Nodo: 133 Azione : parassita-CN:Fx=-750.00
			Nodo:da 213 a 216 Azione : parassita-CN:Fx=-750.00
			Nodo:da 269 a 272 Azione : parassita-CN:Fx=-750.00
23	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 Permanente Portato
			partecipazione:1.00 per 3 Barriera
24	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
25	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 Permanente Portato
			partecipazione:1.00 per 3 Barriera
			partecipazione:0.80 per 14 campata 4 treno Q1-2k A
26	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 Permanente Portato
			partecipazione:1.00 per 3 Barriera
27	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
28	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
29	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
30	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico



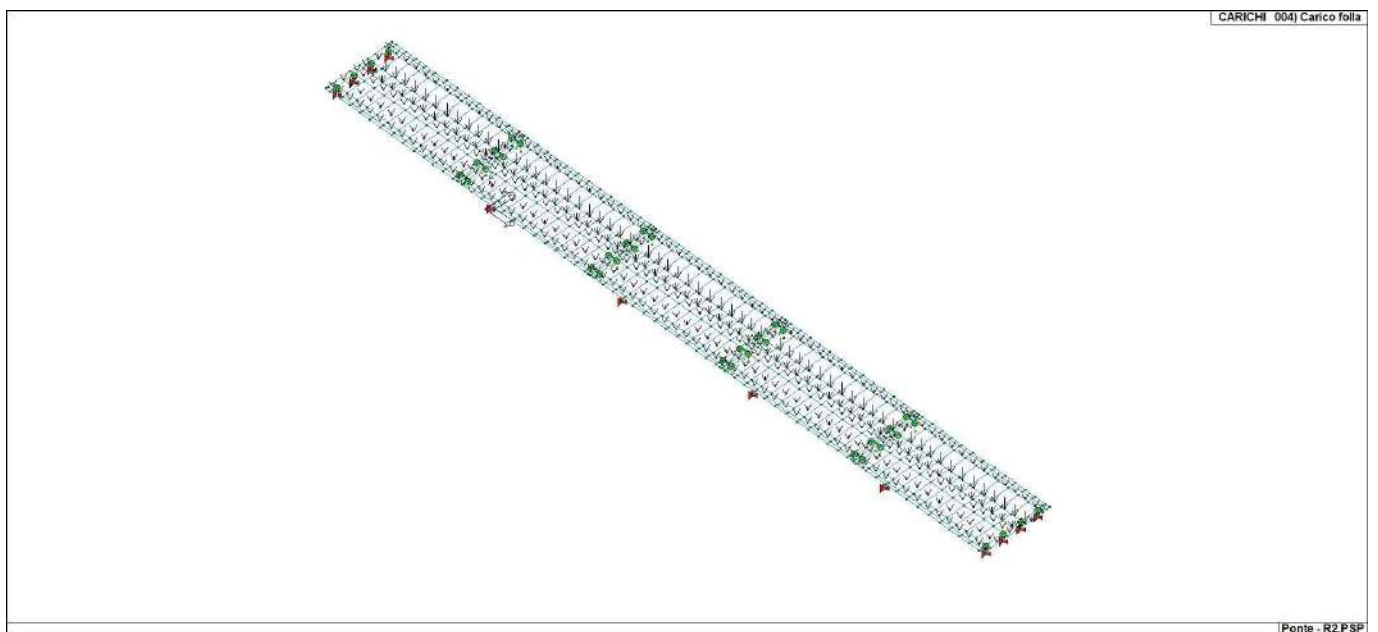
22_CDC_001_CDC=Ggk (peso proprio della struttura)



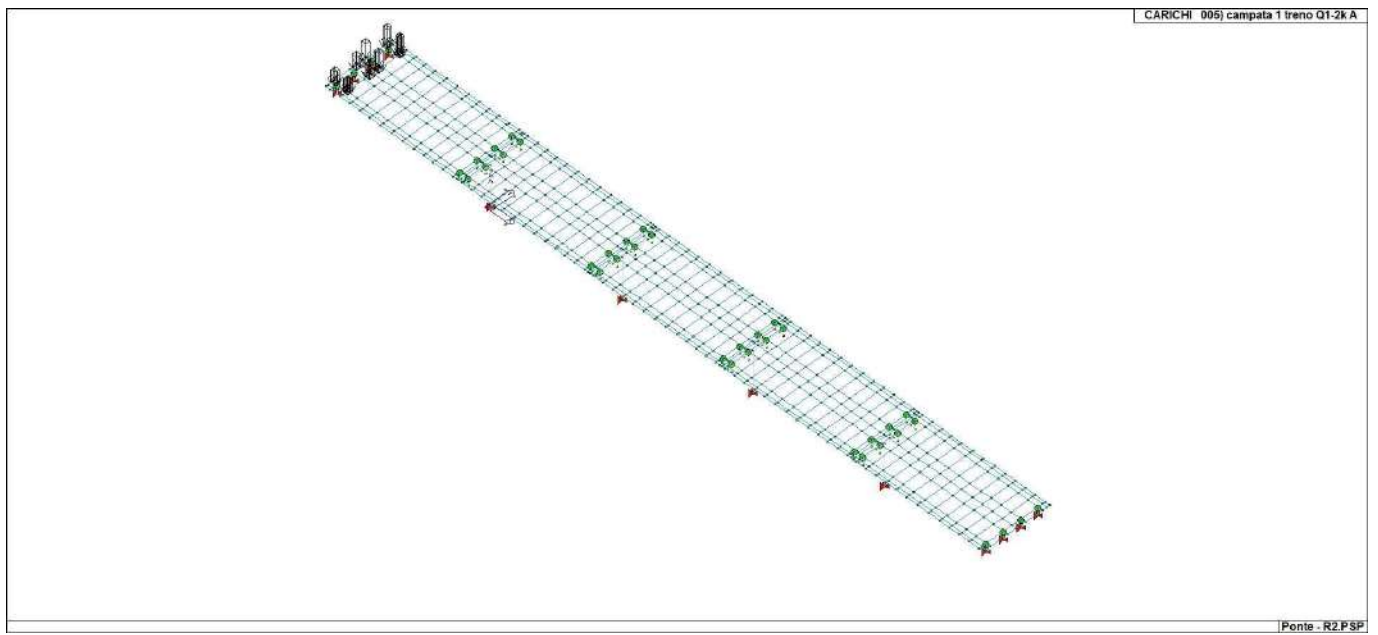
22_CDC_002_Permanente Portato



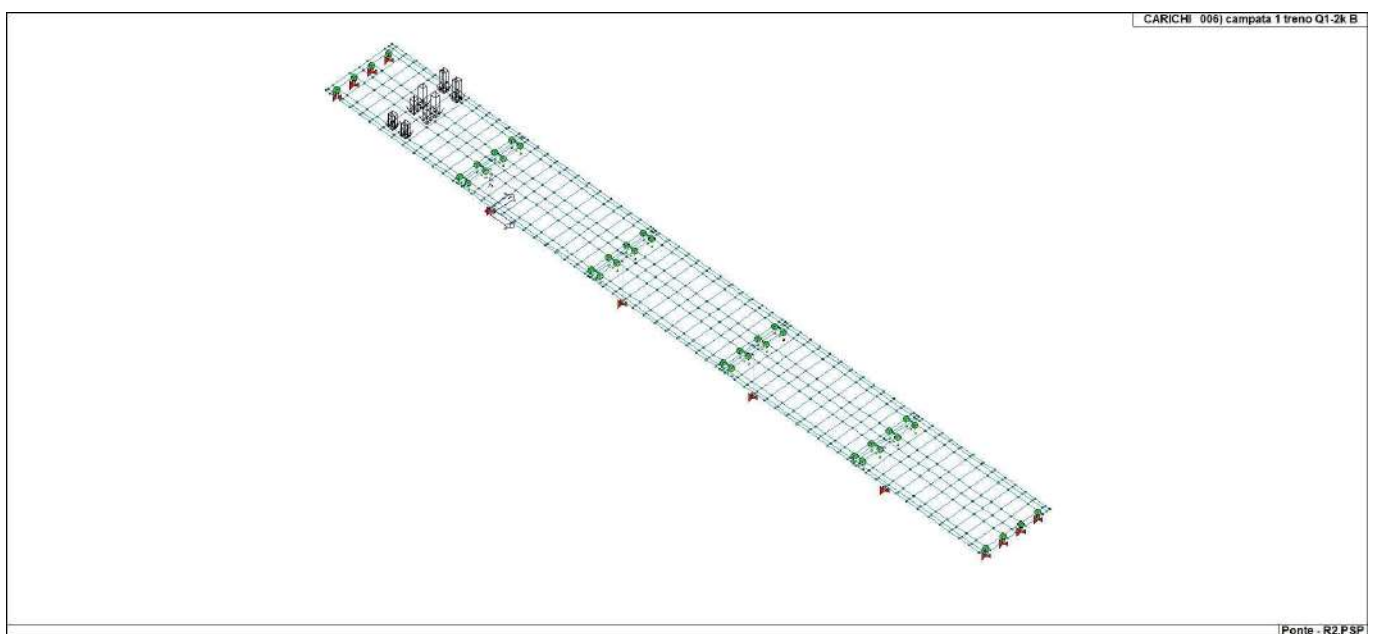
22_CDC_003_Barriera



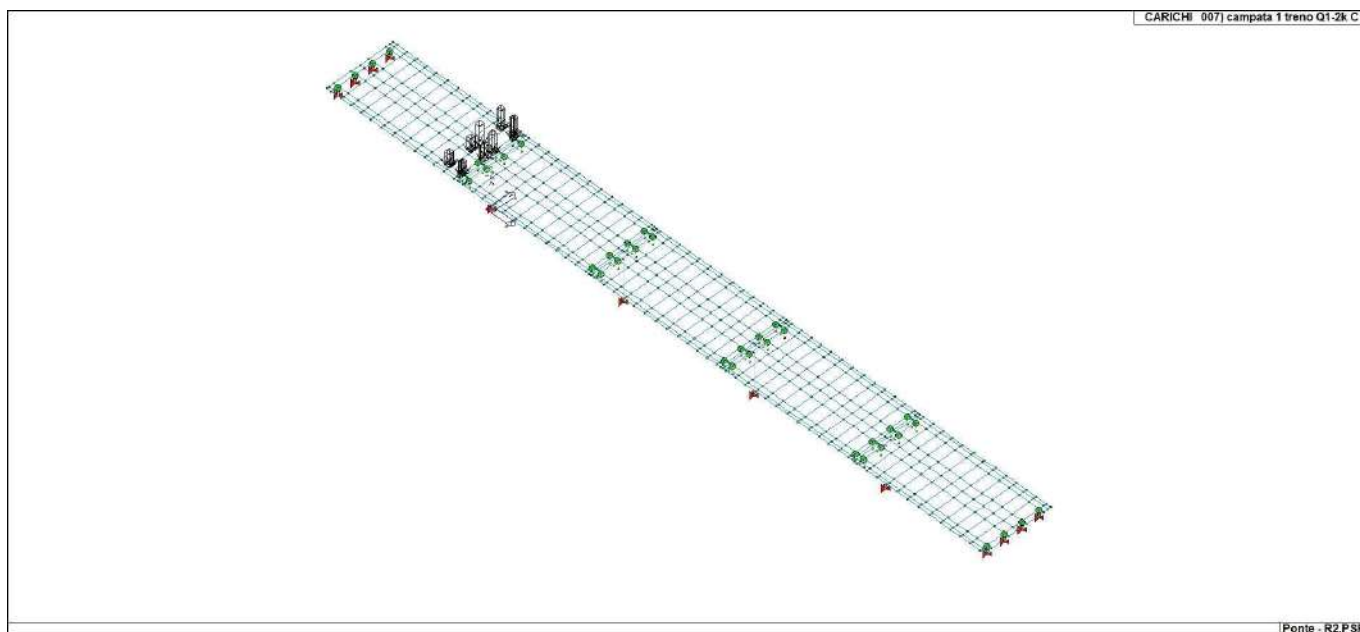
22_CDC_004_Carico folla



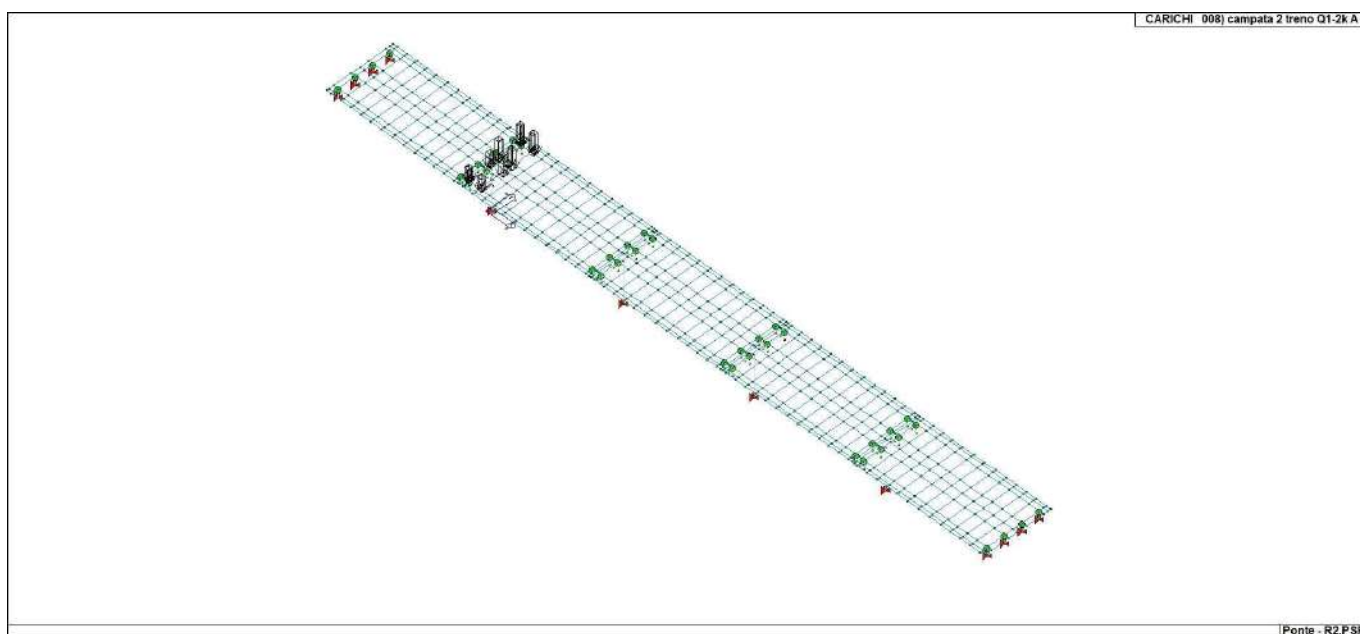
22_CDC_005_campata 1 treno Q1-2k A



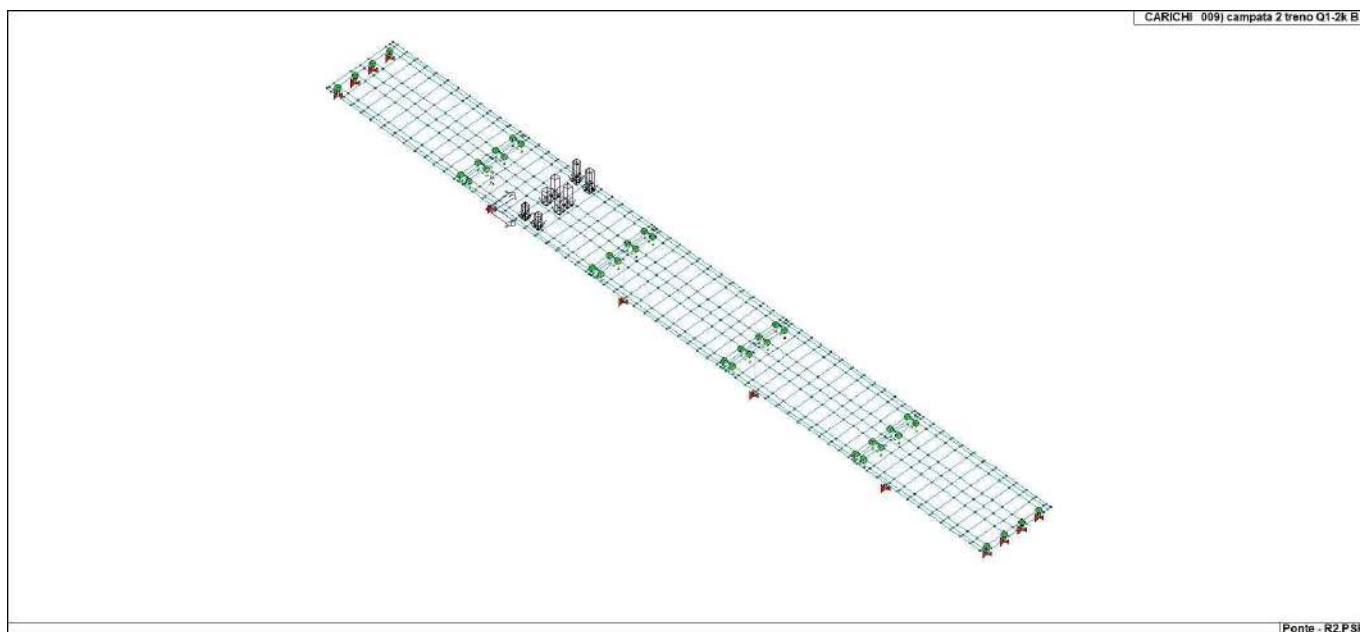
22_CDC_006_campata 1 treno Q1-2k B



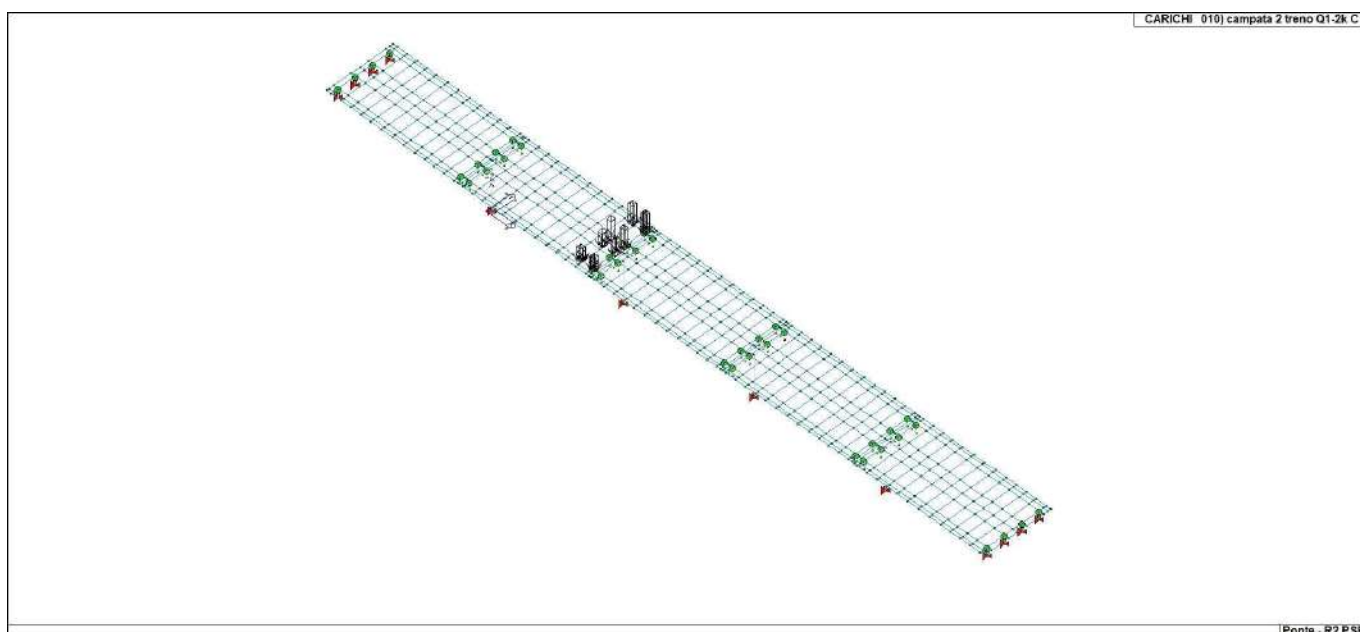
22_CDC_007_campata 1 treno Q1-2k C



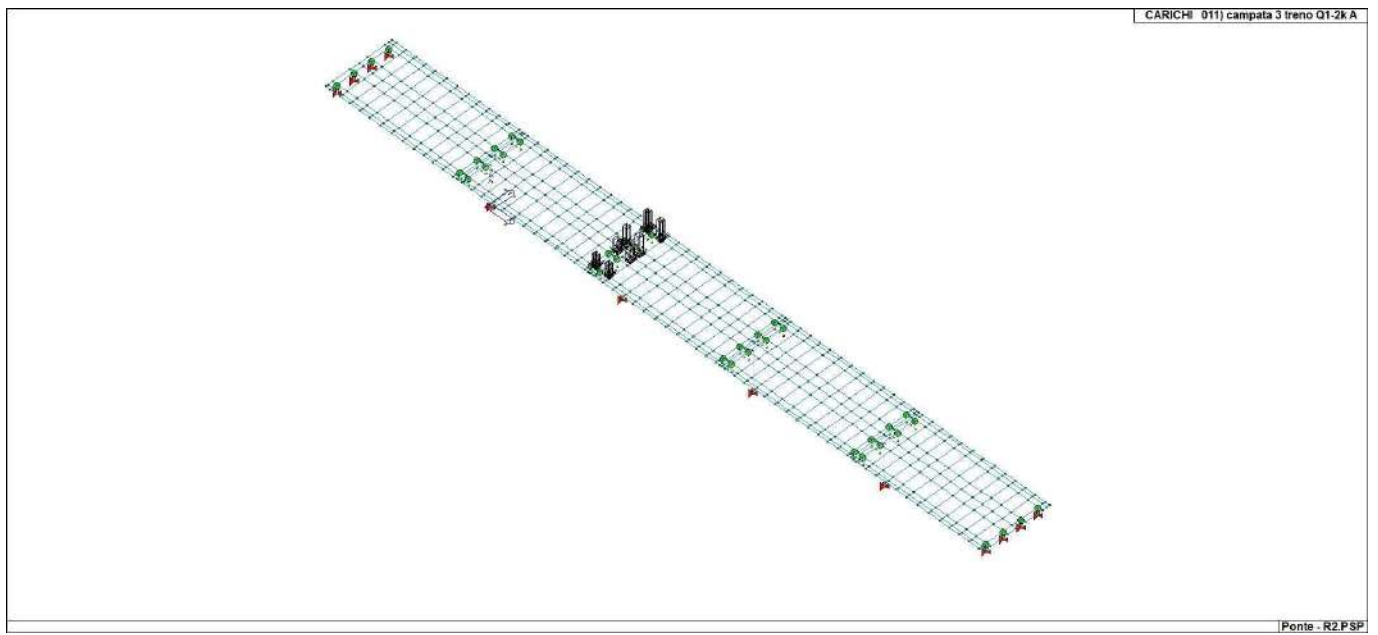
22_CDC_008_campata 2 treno Q1-2k A



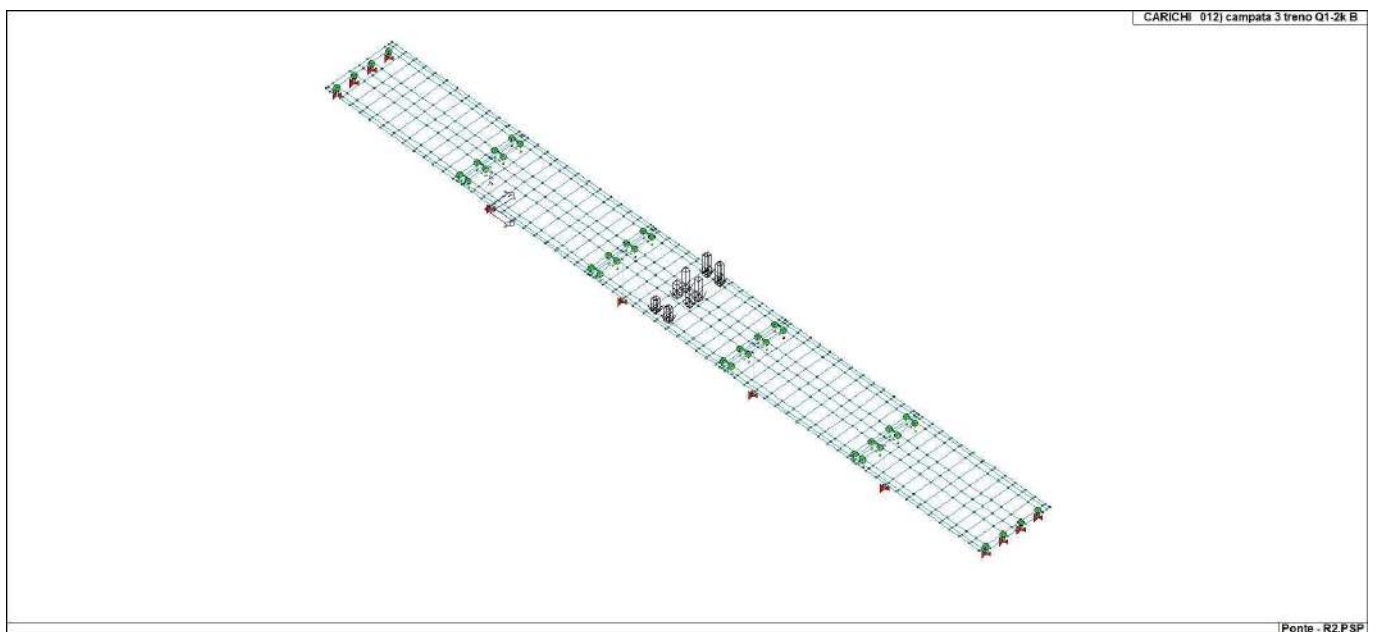
22_CDC_009_campata 2 treno Q1-2k B



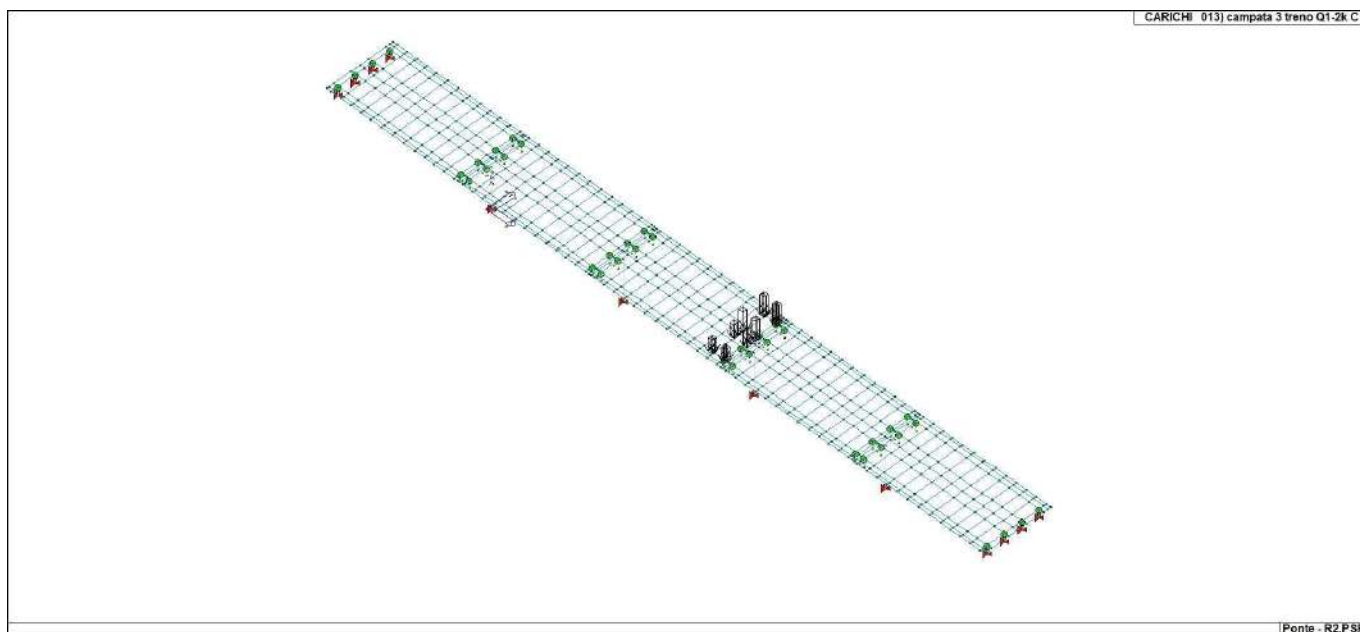
22_CDC_010_campata 2 treno Q1-2k C



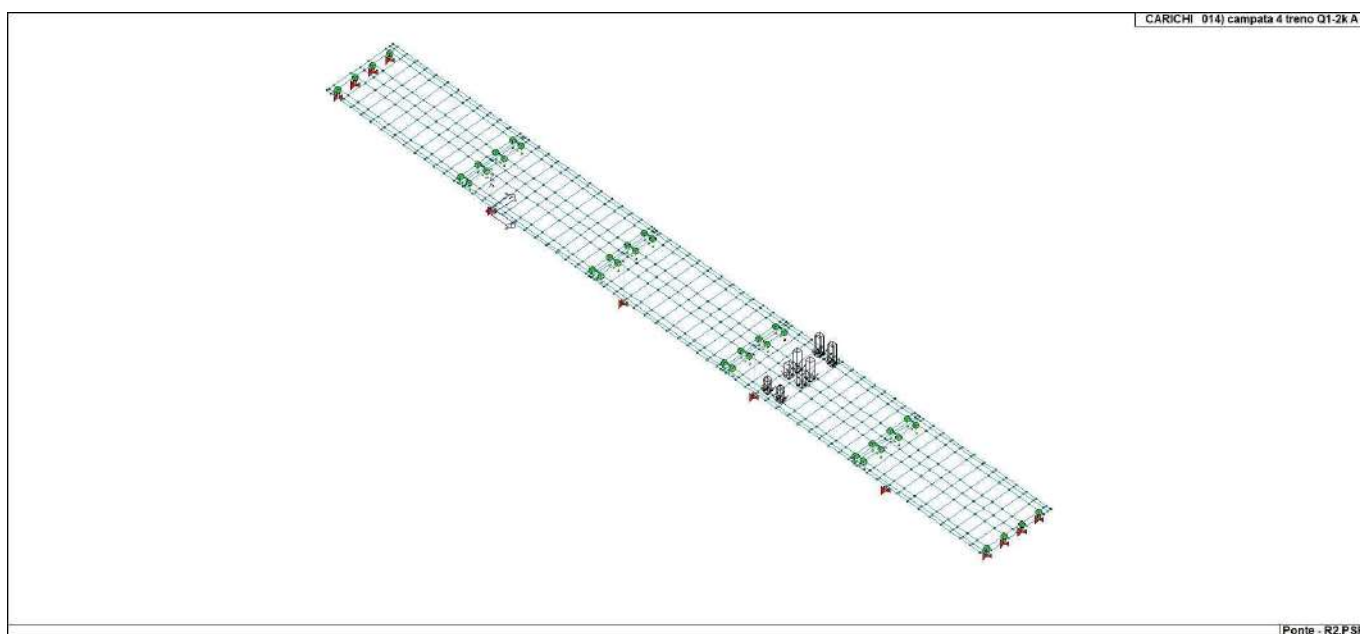
22_CDC_011_campata 3 treno Q1-2k A



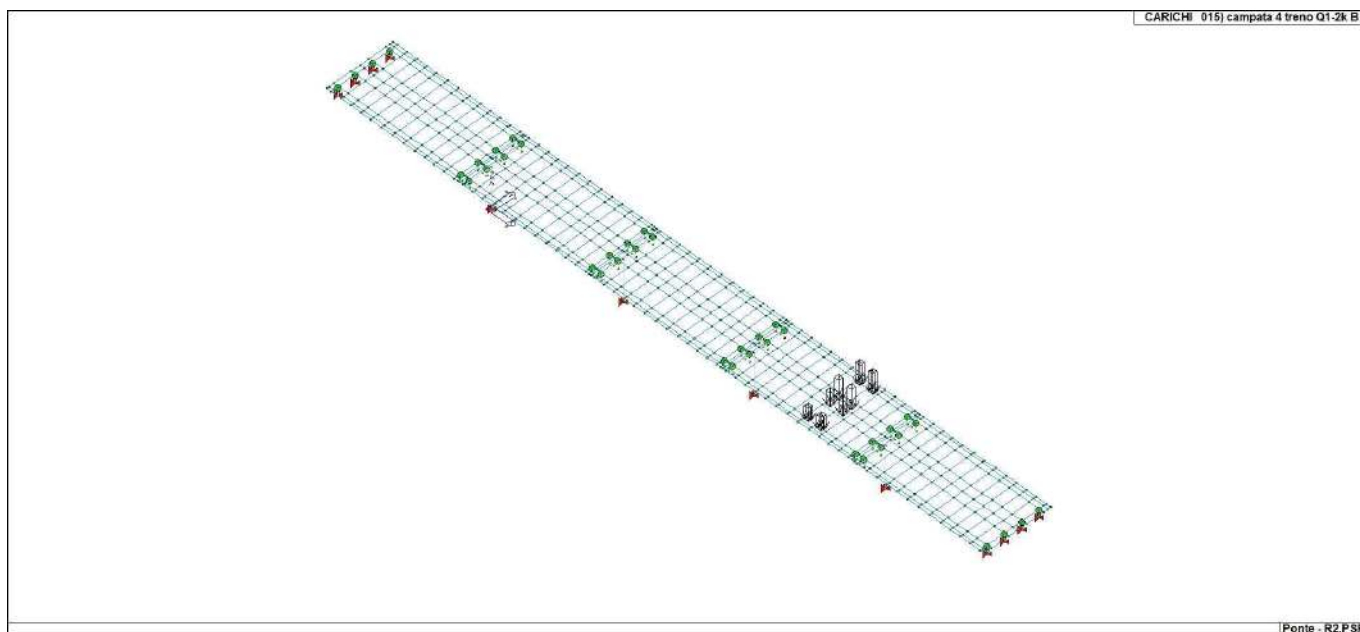
22_CDC_012_campata 3 treno Q1-2k B



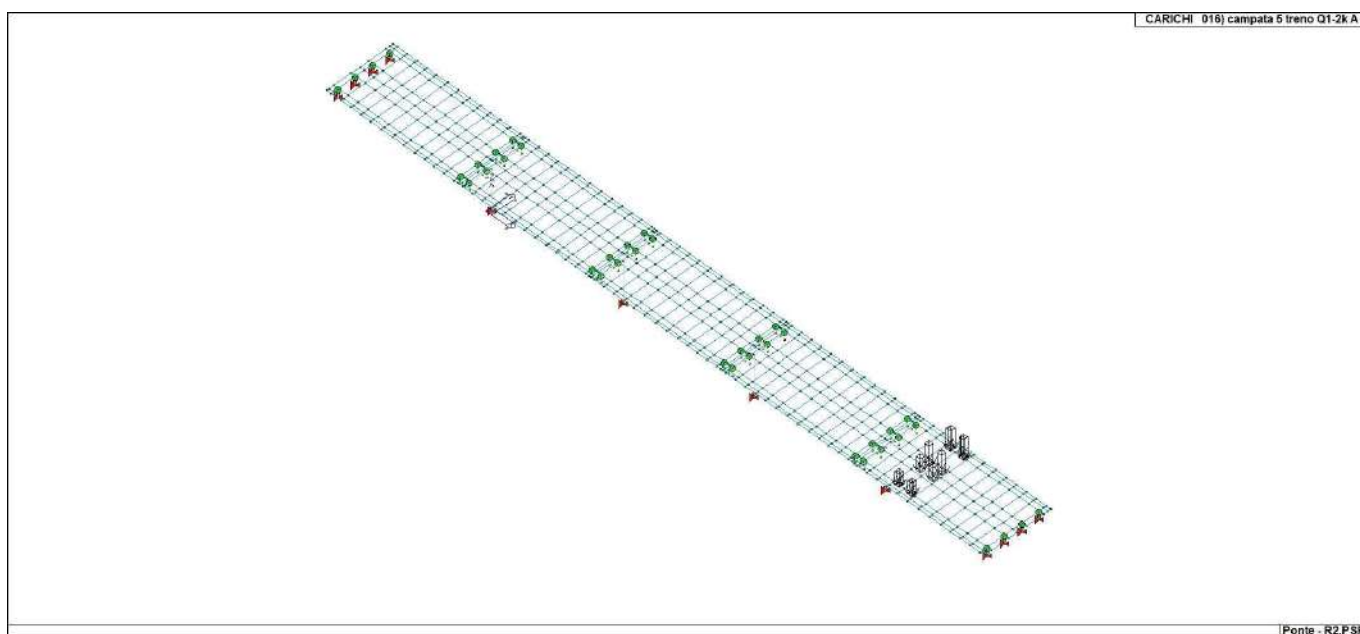
22_CDC_013_campata 3 treno Q1-2k C



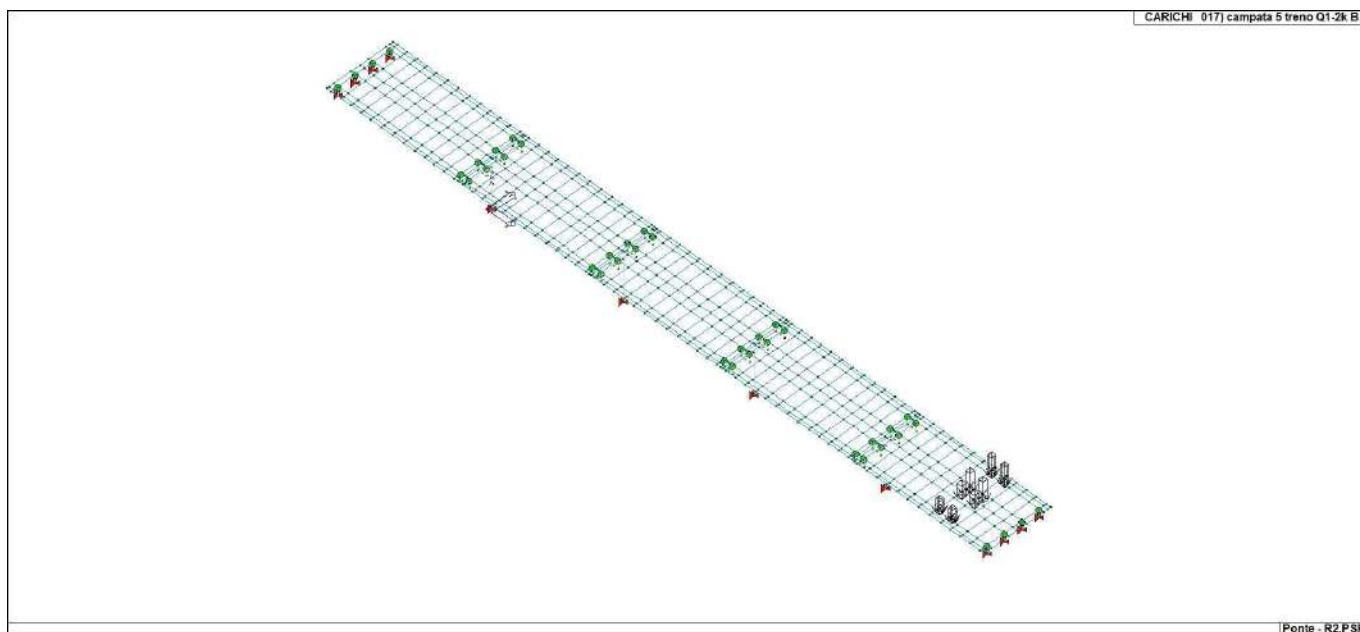
22_CDC_014_campata 4 treno Q1-2k A



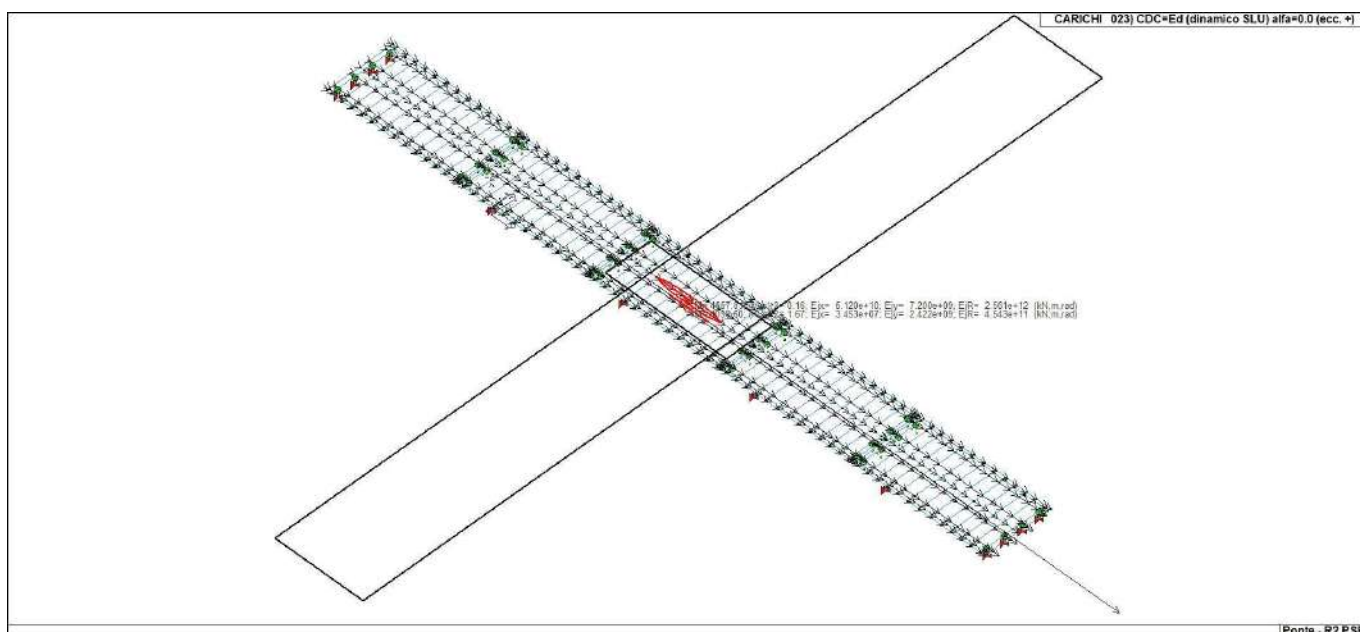
22_CDC_015_campata 4 treno Q1-2k B



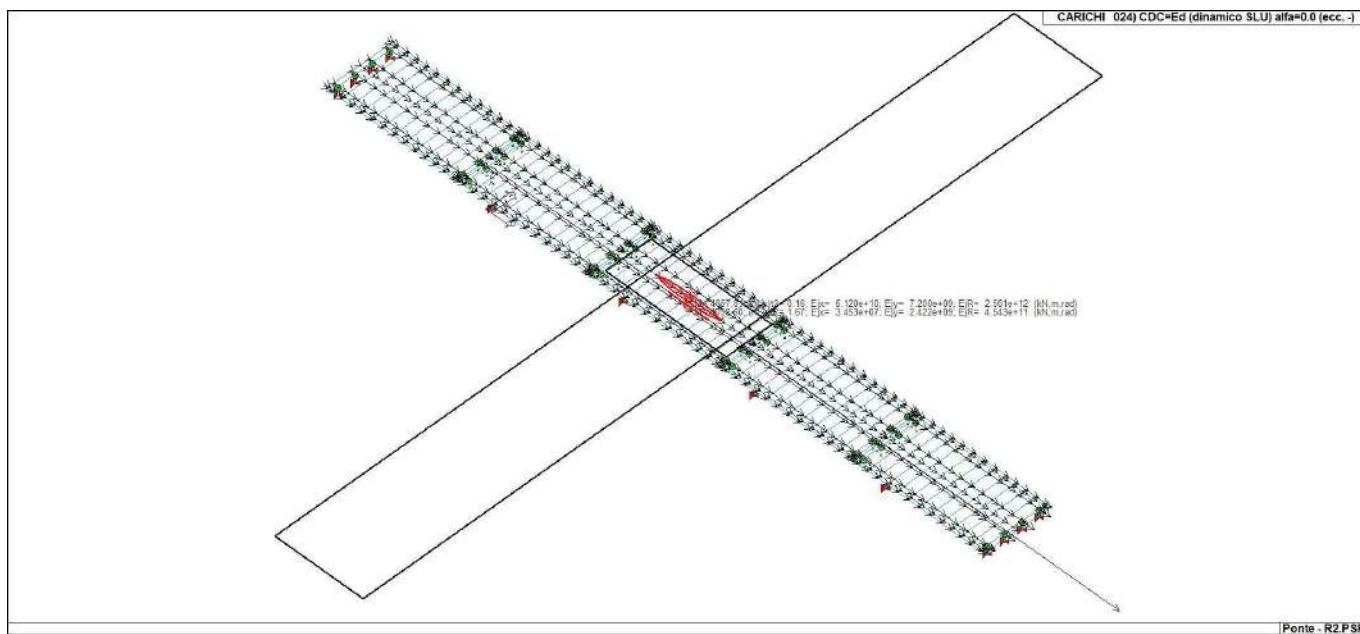
22_CDC_016_campata 5 treno Q1-2k A



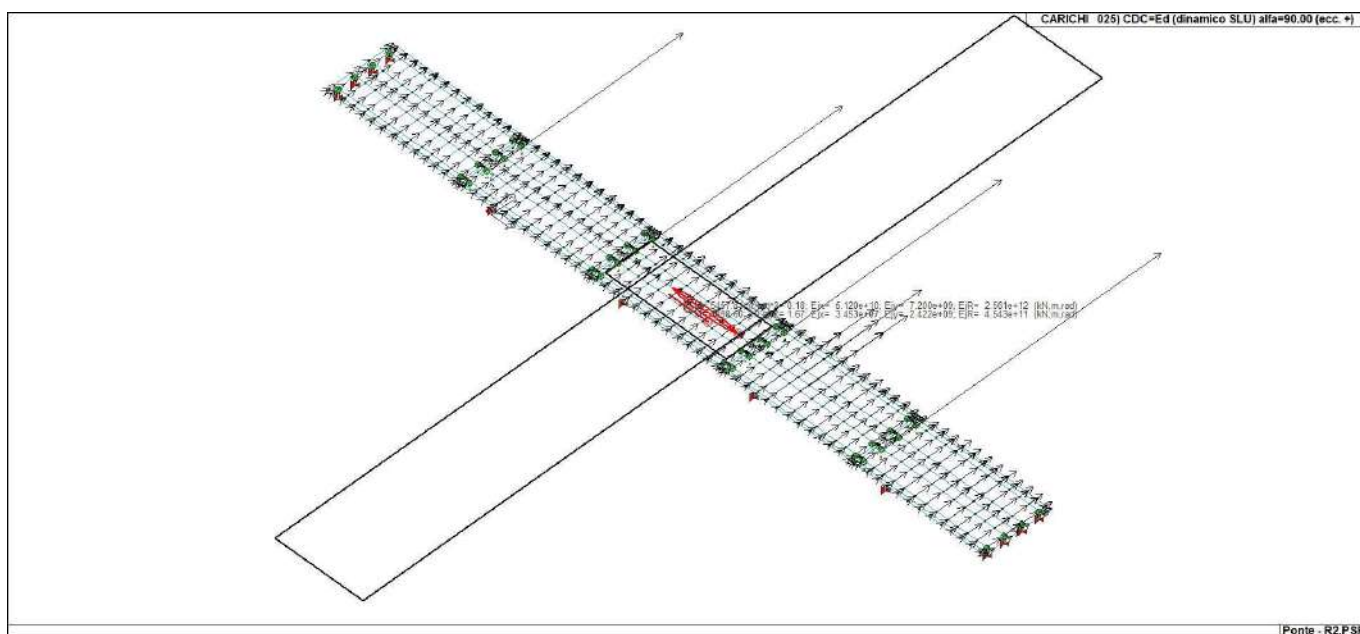
22_CDC_017_campata 5 treno Q1-2k B



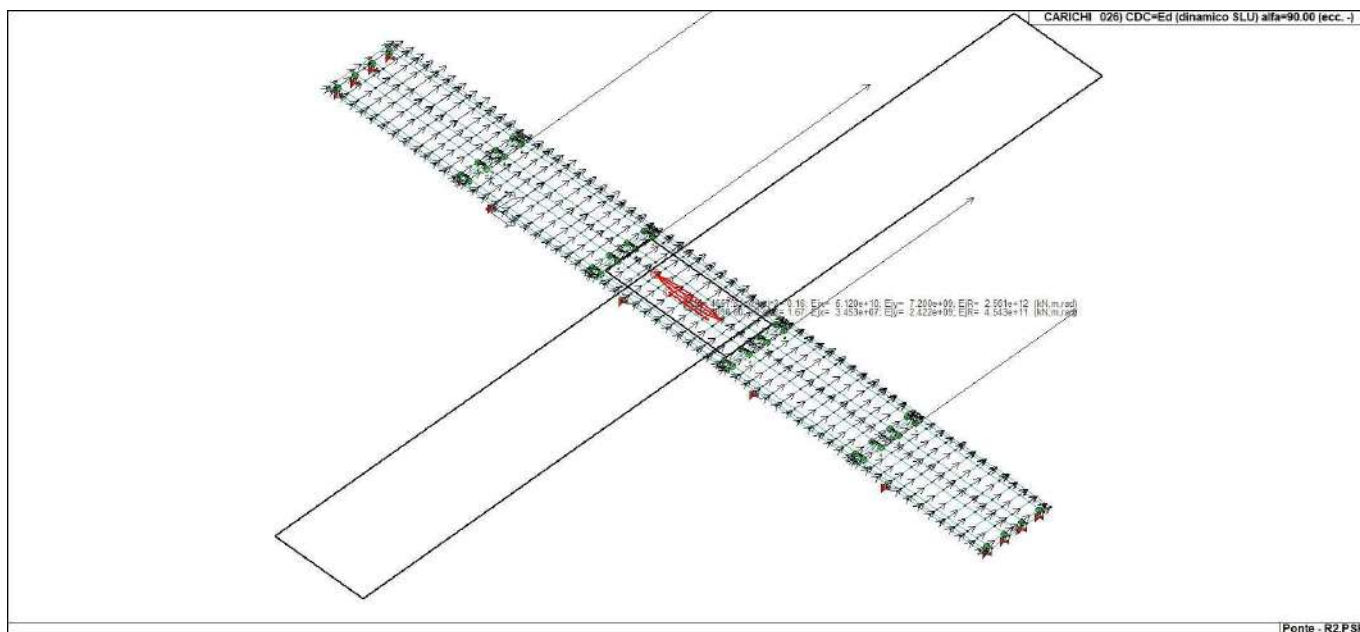
22_CDC_023_CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)



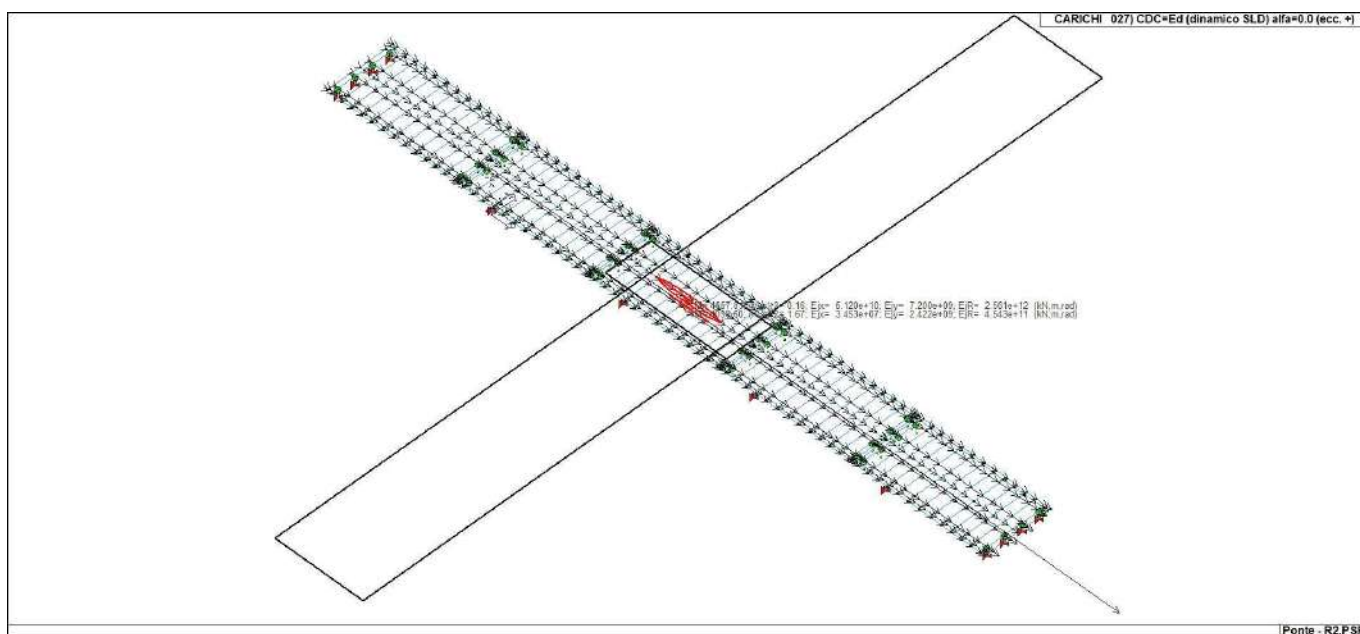
22_CDC_024_CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)



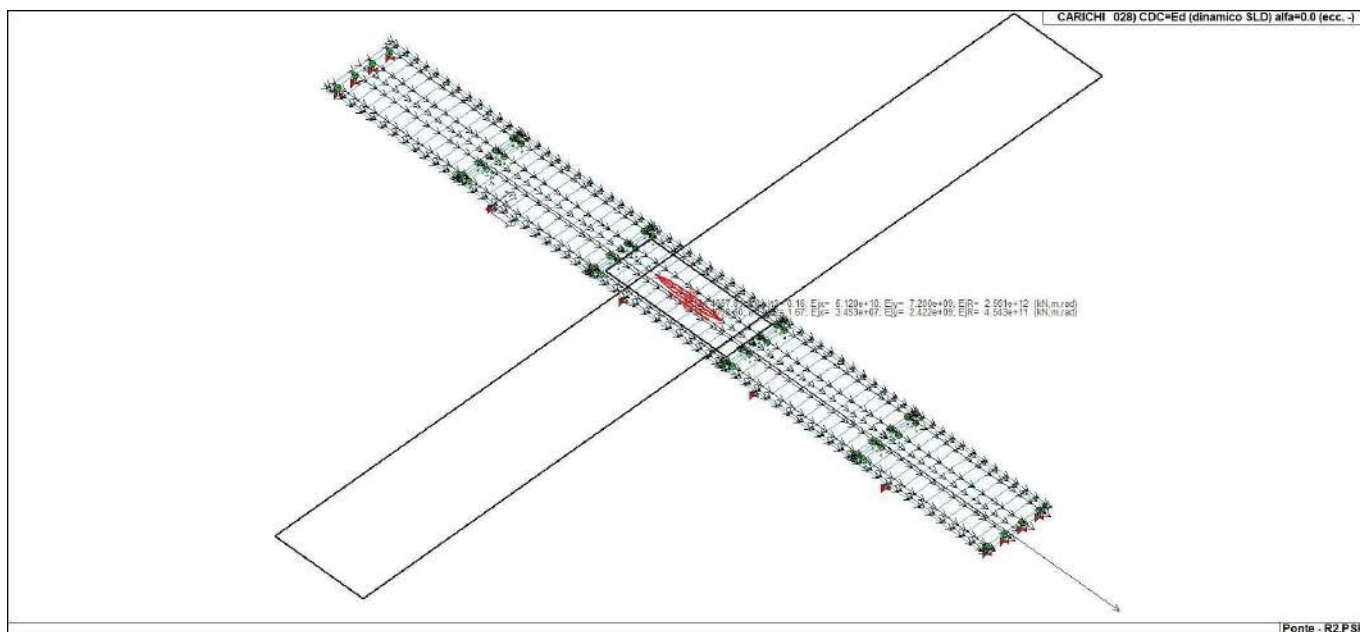
22_CDC_025_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)



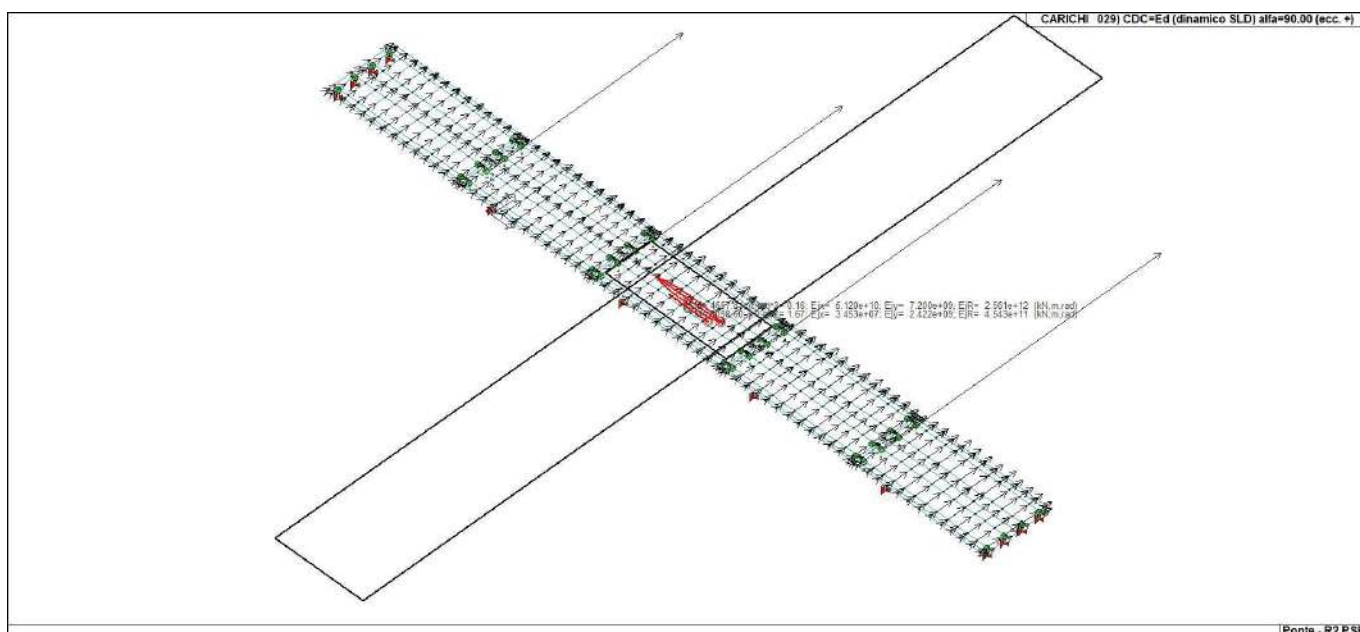
22_CDC_026_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)



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
9	SLU	Comb. SLU A1 9
10	SLU	Comb. SLU A1 10
11	SLU	Comb. SLU A1 11
12	SLU	Comb. SLU A1 12

Cmb	Tipo	Sigla Id
13	SLU	Comb. SLU A1 13
14	SLU	Comb. SLU A1 14
15	SLU	Comb. SLU A1 15
16	SLU	Comb. SLU A1 16
17	SLU	Comb. SLU A1 17
18	SLU	Comb. SLU A1 18
19	SLU	Comb. SLU A1 19
20	SLU	Comb. SLU A1 20
21	SLU	Comb. SLU A1 21
22	SLU	Comb. SLU A1 22
23	SLU	Comb. SLU A1 23
24	SLU	Comb. SLU A1 24
25	SLU	Comb. SLU A1 25
26	SLU	Comb. SLU A1 26
27	SLU	Comb. SLU A1 27
28	SLU	Comb. SLU A1 28
29	SLU	Comb. SLU A1 29
30	SLU	Comb. SLU A1 30
31	SLU	Comb. SLU A1 31
32	SLU	Comb. SLU A1 32
33	SLU	Comb. SLU A1 33
34	SLU	Comb. SLU A1 34
35	SLU	Comb. SLU A1 35
36	SLU	Comb. SLU A1 36
37	SLU	Comb. SLU A1 37
38	SLU	Comb. SLU A1 38
39	SLU	Comb. SLU A1 39
40	SLU	Comb. SLU A1 40
41	SLU	Comb. SLU A1 41
42	SLU	Comb. SLU A1 42
43	SLU	Comb. SLU A1 43
44	SLU	Comb. SLU A1 44
45	SLU	Comb. SLU A1 45
46	SLU	Comb. SLU A1 46
47	SLU	Comb. SLU A1 47
48	SLU	Comb. SLU A1 48
49	SLU	Comb. SLU A1 49
50	SLU	Comb. SLU A1 50
51	SLU	Comb. SLU A1 51
52	SLU	Comb. SLU A1 52
53	SLU	Comb. SLU A1 53
54	SLU	Comb. SLU A1 54
55	SLU	Comb. SLU A1 55
56	SLU	Comb. SLU A1 56
57	SLU	Comb. SLU A1 57
58	SLU	Comb. SLU A1 58
59	SLU	Comb. SLU A1 59
60	SLU	Comb. SLU A1 60
61	SLU	Comb. SLU A1 61
62	SLU	Comb. SLU A1 62
63	SLU	Comb. SLU A1 63
64	SLU	Comb. SLU A1 64
65	SLU	Comb. SLU A1 65
66	SLU	Comb. SLU A1 66
67	SLU	Comb. SLU A1 67
68	SLU	Comb. SLU A1 68
69	SLU	Comb. SLU A1 69
70	SLU	Comb. SLU A1 70
71	SLU	Comb. SLU A1 71
72	SLU	Comb. SLU A1 72
73	SLU	Comb. SLU A1 73
74	SLU	Comb. SLU A1 74
75	SLU	Comb. SLU A1 75
76	SLU	Comb. SLU A1 76
77	SLU	Comb. SLU A1 77
78	SLU	Comb. SLU A1 78
79	SLU	Comb. SLU A1 79
80	SLU	Comb. SLU A1 80
81	SLU	Comb. SLU A1 81
82	SLU	Comb. SLU A1 82
83	SLU	Comb. SLU A1 83
84	SLU	Comb. SLU A1 84
85	SLU	Comb. SLU A1 85
86	SLU	Comb. SLU A1 86

Cmb	Tipo	Sigla Id
87	SLU	Comb. SLU A1 87
88	SLU	Comb. SLU A1 88
89	SLU	Comb. SLU A1 89
90	SLU	Comb. SLU A1 90
91	SLU	Comb. SLU A1 91
92	SLU	Comb. SLU A1 92
93	SLU	Comb. SLU A1 93
94	SLU	Comb. SLU A1 94
95	SLU	Comb. SLU A1 95
96	SLU	Comb. SLU A1 96
97	SLU	Comb. SLU A1 97
98	SLU	Comb. SLU A1 98
99	SLU	Comb. SLU A1 99
100	SLU	Comb. SLU A1 100
101	SLU	Comb. SLU A1 101
102	SLU	Comb. SLU A1 102
103	SLU	Comb. SLU A1 103
104	SLU	Comb. SLU A1 104
105	SLU	Comb. SLU A1 105
106	SLU	Comb. SLU A1 106
107	SLU	Comb. SLU A1 107
108	SLU	Comb. SLU A1 108
109	SLU	Comb. SLU A1 109
110	SLU	Comb. SLU A1 110
111	SLU	Comb. SLU A1 111
112	SLU	Comb. SLU A1 112
113	SLU	Comb. SLU A1 113
114	SLU	Comb. SLU A1 114
115	SLU	Comb. SLU A1 115
116	SLU	Comb. SLU A1 116
117	SLU	Comb. SLU A1 117
118	SLU	Comb. SLU A1 118
119	SLU	Comb. SLU A1 119
120	SLU	Comb. SLU A1 120
121	SLU	Comb. SLU A1 121
122	SLU	Comb. SLU A1 122
123	SLU	Comb. SLU A1 123
124	SLU	Comb. SLU A1 124
125	SLU	Comb. SLU A1 125
126	SLU	Comb. SLU A1 126
127	SLU	Comb. SLU A1 127
128	SLU	Comb. SLU A1 128
129	SLU	Comb. SLU A1 129
130	SLU	Comb. SLU A1 130
131	SLU	Comb. SLU A1 131
132	SLU	Comb. SLU A1 132
133	SLU	Comb. SLU A1 133
134	SLU	Comb. SLU A1 134
135	SLU	Comb. SLU A1 135
136	SLU	Comb. SLU A1 136
137	SLU	Comb. SLU A1 137
138	SLU	Comb. SLU A1 138
139	SLU	Comb. SLU A1 139
140	SLU	Comb. SLU A1 140
141	SLU	Comb. SLU A1 141
142	SLU	Comb. SLU A1 142
143	SLU	Comb. SLU A1 143
144	SLU	Comb. SLU A1 144
145	SLU	Comb. SLU A1 145
146	SLU	Comb. SLU A1 146
147	SLU	Comb. SLU A1 147
148	SLU	Comb. SLU A1 148
149	SLU	Comb. SLU A1 149
150	SLU	Comb. SLU A1 150
151	SLU	Comb. SLU A1 151
152	SLU	Comb. SLU A1 152
153	SLU	Comb. SLU A1 153
154	SLU	Comb. SLU A1 154
155	SLU	Comb. SLU A1 155
156	SLU	Comb. SLU A1 156
157	SLU	Comb. SLU A1 157
158	SLU	Comb. SLU A1 158
159	SLU	Comb. SLU A1 159
160	SLU	Comb. SLU A1 160

Cmb	Tipo	Sigla Id
161	SLU	Comb. SLU A1 161
162	SLU	Comb. SLU A1 162
163	SLU	Comb. SLU A1 163
164	SLU	Comb. SLU A1 164
165	SLU	Comb. SLU A1 165
166	SLU	Comb. SLU A1 166
167	SLU	Comb. SLU A1 167
168	SLU	Comb. SLU A1 168
169	SLU	Comb. SLU A1 169
170	SLU	Comb. SLU A1 170
171	SLU	Comb. SLU A1 171
172	SLU	Comb. SLU A1 172
173	SLU	Comb. SLU A1 173
174	SLU	Comb. SLU A1 174
175	SLU	Comb. SLU A1 175
176	SLU	Comb. SLU A1 176
177	SLU	Comb. SLU A1 177
178	SLU	Comb. SLU A1 178
179	SLU	Comb. SLU A1 179
180	SLU	Comb. SLU A1 180
181	SLU	Comb. SLU A1 181
182	SLU	Comb. SLU A1 182
183	SLU	Comb. SLU A1 183
184	SLU	Comb. SLU A1 184
185	SLU	Comb. SLU A1 185
186	SLU	Comb. SLU A1 186
187	SLU	Comb. SLU A1 187
188	SLU	Comb. SLU A1 188
189	SLU	Comb. SLU A1 189
190	SLU	Comb. SLU A1 190
191	SLU	Comb. SLU A1 191
192	SLU	Comb. SLU A1 192
193	SLU	Comb. SLU A1 193
194	SLU	Comb. SLU A1 194
195	SLU	Comb. SLU A1 195
196	SLU	Comb. SLU A1 196
197	SLU	Comb. SLU A1 197
198	SLU	Comb. SLU A1 198
199	SLU	Comb. SLU A1 199
200	SLU	Comb. SLU A1 200
201	SLU	Comb. SLU A1 201
202	SLU	Comb. SLU A1 202
203	SLU	Comb. SLU A1 203
204	SLU	Comb. SLU A1 204
205	SLU	Comb. SLU A1 205
206	SLU	Comb. SLU A1 206
207	SLE(r)	Comb. SLE(rara) 1
208	SLE(r)	Comb. SLE(rara) 2
209	SLE(r)	Comb. SLE(rara) 3
210	SLE(r)	Comb. SLE(rara) 4
211	SLE(r)	Comb. SLE(rara) 5
212	SLE(r)	Comb. SLE(rara) 6
213	SLE(r)	Comb. SLE(rara) 7
214	SLE(r)	Comb. SLE(rara) 8
215	SLE(r)	Comb. SLE(rara) 9
216	SLE(r)	Comb. SLE(rara) 10
217	SLE(r)	Comb. SLE(rara) 11
218	SLE(r)	Comb. SLE(rara) 12
219	SLE(r)	Comb. SLE(rara) 13
220	SLE(r)	Comb. SLE(rara) 14
221	SLE(r)	Comb. SLE(rara) 15
222	SLE(r)	Comb. SLE(rara) 16
223	SLE(r)	Comb. SLE(rara) 17
224	SLE(r)	Comb. SLE(rara) 18
225	SLE(r)	Comb. SLE(rara) 19
226	SLE(r)	Comb. SLE(rara) 20
227	SLE(r)	Comb. SLE(rara) 21
228	SLE(r)	Comb. SLE(rara) 22
229	SLE(r)	Comb. SLE(rara) 23
230	SLE(r)	Comb. SLE(rara) 24
231	SLE(r)	Comb. SLE(rara) 25
232	SLE(r)	Comb. SLE(rara) 26
233	SLE(r)	Comb. SLE(rara) 27
234	SLE(r)	Comb. SLE(rara) 28

Cmb	Tipo	Sigla Id
235	SLE(r)	Comb. SLE(rara) 29
236	SLE(r)	Comb. SLE(rara) 30
237	SLE(r)	Comb. SLE(rara) 31
238	SLE(r)	Comb. SLE(rara) 32
239	SLE(r)	Comb. SLE(rara) 33
240	SLE(r)	Comb. SLE(rara) 34
241	SLE(r)	Comb. SLE(rara) 35
242	SLE(r)	Comb. SLE(rara) 36
243	SLE(r)	Comb. SLE(rara) 37
244	SLE(r)	Comb. SLE(rara) 38
245	SLE(r)	Comb. SLE(rara) 39
246	SLE(r)	Comb. SLE(rara) 40
247	SLE(r)	Comb. SLE(rara) 41
248	SLE(r)	Comb. SLE(rara) 42
249	SLE(r)	Comb. SLE(rara) 43
250	SLE(r)	Comb. SLE(rara) 44
251	SLE(r)	Comb. SLE(rara) 45
252	SLE(r)	Comb. SLE(rara) 46
253	SLE(r)	Comb. SLE(rara) 47
254	SLE(r)	Comb. SLE(rara) 48
255	SLE(r)	Comb. SLE(rara) 49
256	SLE(r)	Comb. SLE(rara) 50
257	SLE(r)	Comb. SLE(rara) 51
258	SLE(r)	Comb. SLE(rara) 52
259	SLE(r)	Comb. SLE(rara) 53
260	SLE(r)	Comb. SLE(rara) 54
261	SLE(r)	Comb. SLE(rara) 55
262	SLE(r)	Comb. SLE(rara) 56
263	SLE(r)	Comb. SLE(rara) 57
264	SLE(r)	Comb. SLE(rara) 58
265	SLE(r)	Comb. SLE(rara) 59
266	SLE(r)	Comb. SLE(rara) 60
267	SLE(r)	Comb. SLE(rara) 61
268	SLE(r)	Comb. SLE(rara) 62
269	SLE(r)	Comb. SLE(rara) 63
270	SLE(r)	Comb. SLE(rara) 64
271	SLE(r)	Comb. SLE(rara) 65
272	SLE(r)	Comb. SLE(rara) 66
273	SLE(r)	Comb. SLE(rara) 67
274	SLE(r)	Comb. SLE(rara) 68
275	SLE(r)	Comb. SLE(rara) 69
276	SLE(r)	Comb. SLE(rara) 70
277	SLE(r)	Comb. SLE(rara) 71
278	SLE(r)	Comb. SLE(rara) 72
279	SLE(r)	Comb. SLE(rara) 73
280	SLE(r)	Comb. SLE(rara) 74
281	SLE(r)	Comb. SLE(rara) 75
282	SLE(r)	Comb. SLE(rara) 76
283	SLE(r)	Comb. SLE(rara) 77
284	SLE(r)	Comb. SLE(rara) 78
285	SLE(r)	Comb. SLE(rara) 79
286	SLE(r)	Comb. SLE(rara) 80
287	SLE(r)	Comb. SLE(rara) 81
288	SLE(r)	Comb. SLE(rara) 82
289	SLE(r)	Comb. SLE(rara) 83
290	SLE(r)	Comb. SLE(rara) 84
291	SLE(r)	Comb. SLE(rara) 85
292	SLE(r)	Comb. SLE(rara) 86
293	SLE(r)	Comb. SLE(rara) 87
294	SLE(r)	Comb. SLE(rara) 88
295	SLE(r)	Comb. SLE(rara) 89
296	SLE(r)	Comb. SLE(rara) 90
297	SLE(r)	Comb. SLE(rara) 91
298	SLE(r)	Comb. SLE(rara) 92
299	SLE(r)	Comb. SLE(rara) 93
300	SLE(r)	Comb. SLE(rara) 94
301	SLE(r)	Comb. SLE(rara) 95
302	SLE(r)	Comb. SLE(rara) 96
303	SLE(r)	Comb. SLE(rara) 97
304	SLE(r)	Comb. SLE(rara) 98
305	SLE(r)	Comb. SLE(rara) 99
306	SLE(r)	Comb. SLE(rara) 100
307	SLE(r)	Comb. SLE(rara) 101
308	SLE(r)	Comb. SLE(rara) 102

Cmb	Tipo	Sigla Id
309	SLE(f)	Comb. SLE(freq.) 103
310	SLE(f)	Comb. SLE(freq.) 104
311	SLE(f)	Comb. SLE(freq.) 105
312	SLE(f)	Comb. SLE(freq.) 106
313	SLE(f)	Comb. SLE(freq.) 107
314	SLE(f)	Comb. SLE(freq.) 108
315	SLE(f)	Comb. SLE(freq.) 109
316	SLE(f)	Comb. SLE(freq.) 110
317	SLE(f)	Comb. SLE(freq.) 111
318	SLE(f)	Comb. SLE(freq.) 112
319	SLE(f)	Comb. SLE(freq.) 113
320	SLE(f)	Comb. SLE(freq.) 114
321	SLE(f)	Comb. SLE(freq.) 115
322	SLE(f)	Comb. SLE(freq.) 116
323	SLE(f)	Comb. SLE(freq.) 117
324	SLE(p)	Comb. SLE(perm.) 118
325	SLU	Comb. SLU A1 (SLV sism.) 1
326	SLU	Comb. SLU A1 (SLV sism.) 2
327	SLU	Comb. SLU A1 (SLV sism.) 3
328	SLU	Comb. SLU A1 (SLV sism.) 4
329	SLU	Comb. SLU A1 (SLV sism.) 5
330	SLU	Comb. SLU A1 (SLV sism.) 6
331	SLU	Comb. SLU A1 (SLV sism.) 7
332	SLU	Comb. SLU A1 (SLV sism.) 8
333	SLU	Comb. SLU A1 (SLV sism.) 9
334	SLU	Comb. SLU A1 (SLV sism.) 10
335	SLU	Comb. SLU A1 (SLV sism.) 11
336	SLU	Comb. SLU A1 (SLV sism.) 12
337	SLU	Comb. SLU A1 (SLV sism.) 13
338	SLU	Comb. SLU A1 (SLV sism.) 14
339	SLU	Comb. SLU A1 (SLV sism.) 15
340	SLU	Comb. SLU A1 (SLV sism.) 16
341	SLU	Comb. SLU A1 (SLV sism.) 17
342	SLU	Comb. SLU A1 (SLV sism.) 18
343	SLU	Comb. SLU A1 (SLV sism.) 19
344	SLU	Comb. SLU A1 (SLV sism.) 20
345	SLU	Comb. SLU A1 (SLV sism.) 21
346	SLU	Comb. SLU A1 (SLV sism.) 22
347	SLU	Comb. SLU A1 (SLV sism.) 23
348	SLU	Comb. SLU A1 (SLV sism.) 24
349	SLU	Comb. SLU A1 (SLV sism.) 25
350	SLU	Comb. SLU A1 (SLV sism.) 26
351	SLU	Comb. SLU A1 (SLV sism.) 27
352	SLU	Comb. SLU A1 (SLV sism.) 28
353	SLU	Comb. SLU A1 (SLV sism.) 29
354	SLU	Comb. SLU A1 (SLV sism.) 30
355	SLU	Comb. SLU A1 (SLV sism.) 31
356	SLU	Comb. SLU A1 (SLV sism.) 32
357	SLD(sis)	Comb. SLE (SLD Danno sism.) 33
358	SLD(sis)	Comb. SLE (SLD Danno sism.) 34
359	SLD(sis)	Comb. SLE (SLD Danno sism.) 35
360	SLD(sis)	Comb. SLE (SLD Danno sism.) 36
361	SLD(sis)	Comb. SLE (SLD Danno sism.) 37
362	SLD(sis)	Comb. SLE (SLD Danno sism.) 38
363	SLD(sis)	Comb. SLE (SLD Danno sism.) 39
364	SLD(sis)	Comb. SLE (SLD Danno sism.) 40
365	SLD(sis)	Comb. SLE (SLD Danno sism.) 41
366	SLD(sis)	Comb. SLE (SLD Danno sism.) 42
367	SLD(sis)	Comb. SLE (SLD Danno sism.) 43
368	SLD(sis)	Comb. SLE (SLD Danno sism.) 44
369	SLD(sis)	Comb. SLE (SLD Danno sism.) 45
370	SLD(sis)	Comb. SLE (SLD Danno sism.) 46
371	SLD(sis)	Comb. SLE (SLD Danno sism.) 47
372	SLD(sis)	Comb. SLE (SLD Danno sism.) 48
373	SLD(sis)	Comb. SLE (SLD Danno sism.) 49
374	SLD(sis)	Comb. SLE (SLD Danno sism.) 50
375	SLD(sis)	Comb. SLE (SLD Danno sism.) 51
376	SLD(sis)	Comb. SLE (SLD Danno sism.) 52
377	SLD(sis)	Comb. SLE (SLD Danno sism.) 53
378	SLD(sis)	Comb. SLE (SLD Danno sism.) 54
379	SLD(sis)	Comb. SLE (SLD Danno sism.) 55
380	SLD(sis)	Comb. SLE (SLD Danno sism.) 56
381	SLD(sis)	Comb. SLE (SLD Danno sism.) 57
382	SLD(sis)	Comb. SLE (SLD Danno sism.) 58

Cmb	Tipo	Sigla Id
383	SLD(sis)	Comb. SLE (SLD Danno sism.) 59
384	SLD(sis)	Comb. SLE (SLD Danno sism.) 60
385	SLD(sis)	Comb. SLE (SLD Danno sism.) 61
386	SLD(sis)	Comb. SLE (SLD Danno sism.) 62
387	SLD(sis)	Comb. SLE (SLD Danno sism.) 63
388	SLD(sis)	Comb. SLE (SLD Danno sism.) 64

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...
1	1.35	1.35	1.50	0.0	0.0	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	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
2	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	1.13	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
3	1.35	1.35	1.50	0.0	0.0	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	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
4	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	1.50	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
5	1.35	1.35	1.50	0.0	0.0	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	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
6	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	1.13	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
7	1.35	1.35	1.50	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	1.35	1.13	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
8	1.00	1.00	0.0	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	1.35	1.13	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
9	1.35	1.35	1.50	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.01	1.13	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
10	1.00	1.00	0.0	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.01	1.13	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
11	1.35	1.35	1.50	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.01	1.50	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
12	1.00	1.00	0.0	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.01	1.50	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
13	1.35	1.35	1.50	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.01	1.13	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
14	1.00	1.00	0.0	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.01	1.13	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
15	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	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
16	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	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
17	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	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
18	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	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
19	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	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
20	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	1.50	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0												
21	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	0.0	1.50	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...
387	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												
388	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):

a_g : accelerazione orizzontale massima del terreno;

F_o : 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 a_g 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:

$$\begin{aligned}
 0 \leq T < T_b & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_b} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_b} \right) \right] \\
 T_b \leq T < T_c & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \\
 T_c \leq T < T_d & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_c}{T} \right) \\
 T_d \leq T & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_c \cdot T_d}{T^2} \right)
 \end{aligned}$$

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	$1,00 \leq 1,40 - 0,40 \cdot F_o \cdot \frac{a_g}{g} \leq 1,20$	$1,10 \cdot (T_c^*)^{-0,20}$
C	$1,00 \leq 1,70 - 0,60 \cdot F_o \cdot \frac{a_g}{g} \leq 1,50$	$1,05 \cdot (T_c^*)^{-0,33}$
D	$0,90 \leq 2,40 - 1,50 \cdot F_o \cdot \frac{a_g}{g} \leq 1,80$	$1,25 \cdot (T_c^*)^{-0,50}$
E	$1,00 \leq 2,00 - 1,10 \cdot F_o \cdot \frac{a_g}{g} \leq 1,60$	$1,15 \cdot (T_c^*)^{-0,40}$

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:

$$0 \leq T < T_B \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_v} \left(1 - \frac{T}{T_B} \right) \right]$$

$$T_B \leq T < T_C \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v$$

$$T_C \leq T < T_D \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C}{T} \right)$$

$$T_D \leq T \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C \cdot T_D}{T^2} \right)$$

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: 0.043 sec.
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			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	4.658e+05	1837.50	-1.89e-05	0.0	-30.60	1837.50	0.0	0.158	0.0	0.0
395.00	1.059e+05	1837.50	0.0	0.0	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	5.716e+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	8.662	0.115	0.651	2.701e+04	4.7	0.0	0.0	0.0	0.0	0.0	0.0
2	8.719	0.115	0.649	0.0	0.0	1.08e-03	0.0	12.36	2.16e-03	0.0	0.0
3	8.729	0.115	0.649	688.20	0.1	0.0	0.0	0.0	0.0	0.0	0.0
4	8.768	0.114	0.647	0.0	0.0	3.44e-05	0.0	0.28	4.90e-05	0.0	0.0
5	10.165	0.098	0.600	0.0	0.0	5.32e-05	0.0	3.433e+05	60.0	0.0	0.0
6	10.414	0.096	0.593	0.0	0.0	10.76	1.88e-03	1.96e-04	0.0	0.0	0.0
7	11.110	0.090	0.575	0.94	1.65e-04	0.0	0.0	0.0	0.0	0.0	0.0
8	11.231	0.089	0.572	0.0	0.0	16.06	2.81e-03	9.04e-03	1.58e-06	0.0	0.0
9	11.930	0.084	0.556	0.0	0.0	0.41	7.21e-05	1.79e-03	0.0	0.0	0.0
10	23.319	0.043	0.433	4.429e+05	77.5	0.0	0.0	0.0	0.0	0.0	0.0
11	33.438	0.030	0.394	0.0	0.0	3.482e+05	60.9	0.58	1.02e-04	0.0	0.0
12	33.895	0.030	0.393	0.0	0.0	3245.18	0.6	116.90	2.04e-02	0.0	0.0
13	38.056	0.026	0.383	4110.27	0.7	0.0	0.0	0.0	0.0	0.0	0.0
14	40.000	0.025	0.379	0.0	0.0	1.397e+05	24.4	0.08	1.46e-05	0.0	0.0
15	68.061	0.015	0.348	0.0	0.0	3.21	5.61e-04	4.336e+04	7.6	0.0	0.0
16	72.540	0.014	0.345	6.160e+04	10.8	0.0	0.0	0.0	0.0	0.0	0.0
17	83.640	0.012	0.340	0.0	0.0	4.990e+04	8.7	28.87	5.05e-03	0.0	0.0
18	137.807	0.007	0.326	0.0	0.0	9.71	1.70e-03	1.554e+05	27.2	0.0	0.0
Risulta				5.363e+05		5.410e+05		5.422e+05			
In percentuale				93.82		94.64		94.84			

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: 0.043 sec.
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B

CDC	Tipo	Sigla Id	Note
			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	4.658e+05	1837.50	-1.89e-05	0.0	30.60	1837.50	0.0	0.158	0.0	0.0
395.00	1.059e+05	1837.50	0.0	0.0	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	5.716e+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	8.662	0.115	0.651	2.701e+04	4.7	0.0	0.0	0.0	0.0	0.0	0.0
2	8.719	0.115	0.649	0.0	0.0	1.08e-03	0.0	12.36	2.16e-03	0.0	0.0
3	8.729	0.115	0.649	688.20	0.1	0.0	0.0	0.0	0.0	0.0	0.0
4	8.768	0.114	0.647	0.0	0.0	3.44e-05	0.0	0.28	4.90e-05	0.0	0.0
5	10.165	0.098	0.600	0.0	0.0	5.33e-05	0.0	3.433e+05	60.0	0.0	0.0
6	10.414	0.096	0.593	0.0	0.0	10.76	1.88e-03	1.96e-04	0.0	0.0	0.0
7	11.110	0.090	0.575	0.94	1.65e-04	0.0	0.0	0.0	0.0	0.0	0.0
8	11.231	0.089	0.572	0.0	0.0	16.06	2.81e-03	9.04e-03	1.58e-06	0.0	0.0
9	11.930	0.084	0.556	0.0	0.0	0.41	7.21e-05	1.79e-03	0.0	0.0	0.0
10	23.319	0.043	0.433	4.429e+05	77.5	0.0	0.0	0.0	0.0	0.0	0.0
11	33.438	0.030	0.394	0.0	0.0	3.482e+05	60.9	0.58	1.02e-04	0.0	0.0
12	33.895	0.030	0.393	0.0	0.0	3244.32	0.6	116.90	2.05e-02	0.0	0.0
13	38.056	0.026	0.383	4110.27	0.7	0.0	0.0	0.0	0.0	0.0	0.0
14	40.000	0.025	0.379	0.0	0.0	1.397e+05	24.4	0.08	1.46e-05	0.0	0.0
15	68.061	0.015	0.348	0.0	0.0	3.20	5.60e-04	4.336e+04	7.6	0.0	0.0
16	72.540	0.014	0.345	6.160e+04	10.8	0.0	0.0	0.0	0.0	0.0	0.0
17	83.640	0.012	0.340	0.0	0.0	4.990e+04	8.7	28.86	5.05e-03	0.0	0.0
18	137.807	0.007	0.326	0.0	0.0	9.71	1.70e-03	1.554e+05	27.2	0.0	0.0
Risulta				5.363e+05		5.410e+05		5.422e+05			
In percentuale				93.82		94.64		94.84			

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: 0.028 sec.
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			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	5.458e+05	1988.99	4.09	306.25	0.0	1837.50	0.0	0.175	0.080	0.006
395.00	1.059e+05	1837.50	0.0	183.75	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	6.516e+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	5.755	0.174	0.734	1784.04	0.3	6.65	1.02e-03	1.042e+05	16.0	0.0	0.0
2	7.379	0.136	0.712	123.43	1.89e-02	414.24	6.36e-02	1284.95	0.2	0.0	0.0
3	8.622	0.116	0.653	3.466e+04	5.3	0.02	3.48e-06	178.54	2.74e-02	0.0	0.0
4	8.713	0.115	0.649	1699.17	0.3	1.68e-06	0.0	1.83	2.81e-04	0.0	0.0
5	8.734	0.114	0.648	69.15	1.06e-02	1.33e-06	0.0	3.42	5.25e-04	0.0	0.0
6	9.926	0.101	0.607	752.12	0.1	0.28	4.32e-05	3.156e+05	48.4	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	10.555	0.095	0.589	0.29	4.43e-05	52.16	8.00e-03	9.07	1.39e-03	0.0	0.0
8	11.086	0.090	0.575	0.31	4.76e-05	117.39	1.80e-02	5.92	9.08e-04	0.0	0.0
9	14.020	0.071	0.519	0.61	9.41e-05	2.99e-03	0.0	4.73e-03	0.0	0.0	0.0
10	20.846	0.048	0.448	4.776e+05	73.3	52.49	8.05e-03	55.88	8.57e-03	0.0	0.0
11	22.213	0.045	0.439	1641.97	0.3	1.782e+05	27.4	1.89	2.89e-04	0.0	0.0
12	22.503	0.044	0.438	1.220e+04	1.9	4.725e+04	7.3	12.34	1.89e-03	0.0	0.0
13	28.333	0.035	0.410	1.739e+04	2.7	344.93	5.29e-02	51.76	7.94e-03	0.0	0.0
14	36.148	0.028	0.387	4.15	6.36e-04	3.046e+05	46.7	0.24	3.69e-05	0.0	0.0
15	53.243	0.019	0.360	98.54	1.51e-02	965.34	0.1	1.572e+04	2.4	0.0	0.0
16	60.662	0.016	0.353	166.74	2.56e-02	7.989e+04	12.3	322.15	4.94e-02	0.0	0.0
17	68.273	0.015	0.348	6.519e+04	10.0	203.56	3.12e-02	168.85	2.59e-02	0.0	0.0
18	105.348	0.009	0.332	94.79	1.45e-02	29.28	4.49e-03	1.472e+05	22.6	0.0	0.0
Risulta				6.135e+05		6.122e+05		5.849e+05			
In percentuale				94.15		93.94		89.76			

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: 0.031 sec.
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			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	4.658e+05	1837.50	-1.89e-05	-306.25	0.0	1837.50	0.0	0.158	0.0	0.0
395.00	1.059e+05	1837.50	0.0	-183.75	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	5.716e+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	8.662	0.115	0.651	2.700e+04	4.7	0.0	0.0	2.86e-06	0.0	0.0	0.0
2	8.717	0.115	0.649	6.69e-05	0.0	0.0	0.0	10.38	1.82e-03	0.0	0.0
3	8.728	0.115	0.649	694.66	0.1	0.0	0.0	1.05e-06	0.0	0.0	0.0
4	8.735	0.114	0.648	4.06e-03	0.0	0.0	0.0	2.25	3.94e-04	0.0	0.0
5	10.165	0.098	0.600	0.0	0.0	0.0	0.0	3.433e+05	60.0	0.0	0.0
6	10.415	0.096	0.593	0.0	0.0	11.07	1.94e-03	0.0	0.0	0.0	0.0
7	11.237	0.089	0.572	0.0	0.0	21.91	3.83e-03	0.0	0.0	0.0	0.0
8	12.377	0.081	0.547	0.0	0.0	0.24	4.23e-05	0.0	0.0	0.0	0.0
9	23.330	0.043	0.433	4.429e+05	77.5	0.0	0.0	1.54e-06	0.0	0.0	0.0
10	32.367	0.031	0.397	0.0	0.0	2.928e+05	51.2	0.0	0.0	0.0	0.0
11	33.078	0.030	0.395	1664.69	0.3	1.38e-04	0.0	1.80e-04	0.0	0.0	0.0
12	33.892	0.030	0.393	0.02	4.26e-06	6.04e-06	0.0	117.50	2.06e-02	0.0	0.0
13	38.353	0.026	0.382	0.0	0.0	1.876e+05	32.8	0.0	0.0	0.0	0.0
14	63.096	0.016	0.352	4.291e+04	7.5	1.85e-05	0.0	7.75e-04	0.0	0.0	0.0
15	68.071	0.015	0.348	8.05e-04	0.0	0.0	0.0	4.341e+04	7.6	0.0	0.0
16	74.968	0.013	0.344	3.00e-05	0.0	5.810e+04	10.2	1.09e-06	0.0	0.0	0.0
17	122.956	0.008	0.328	3.291e+04	5.8	1.75e-05	0.0	2.29e-04	0.0	0.0	0.0
18	137.844	0.007	0.326	9.10e-06	0.0	0.0	0.0	1.554e+05	27.2	0.0	0.0
Risulta				5.481e+05		5.385e+05		5.422e+05			
In percentuale				95.88		94.21		94.85			

CDC	Tipo	Sigla Id	Note
27	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200

CDC	Tipo	Sigla Id	Note
			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: 0.043 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	4.658e+05	1837.50	-1.89e-05	0.0	-30.60	1837.50	0.0	0.158	0.0	0.0
395.00	1.059e+05	1837.50	0.0	0.0	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	5.716e+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	8.662	0.115	0.335	2.701e+04	4.7	0.0	0.0	0.0	0.0	0.0	0.0
2	8.719	0.115	0.334	0.0	0.0	1.08e-03	0.0	12.36	2.16e-03	0.0	0.0
3	8.729	0.115	0.334	688.20	0.1	0.0	0.0	0.0	0.0	0.0	0.0
4	8.768	0.114	0.333	0.0	0.0	3.44e-05	0.0	0.28	4.90e-05	0.0	0.0
5	10.165	0.098	0.307	0.0	0.0	5.32e-05	0.0	3.433e+05	60.0	0.0	0.0
6	10.414	0.096	0.304	0.0	0.0	10.76	1.88e-03	1.96e-04	0.0	0.0	0.0
7	11.110	0.090	0.294	0.94	1.65e-04	0.0	0.0	0.0	0.0	0.0	0.0
8	11.231	0.089	0.292	0.0	0.0	16.06	2.81e-03	9.04e-03	1.58e-06	0.0	0.0
9	11.930	0.084	0.284	0.0	0.0	0.41	7.21e-05	1.79e-03	0.0	0.0	0.0
10	23.319	0.043	0.217	4.429e+05	77.5	0.0	0.0	0.0	0.0	0.0	0.0
11	33.438	0.030	0.196	0.0	0.0	3.482e+05	60.9	0.58	1.02e-04	0.0	0.0
12	33.895	0.030	0.195	0.0	0.0	3245.18	0.6	116.90	2.04e-02	0.0	0.0
13	38.056	0.026	0.190	4110.27	0.7	0.0	0.0	0.0	0.0	0.0	0.0
14	40.000	0.025	0.188	0.0	0.0	1.397e+05	24.4	0.08	1.46e-05	0.0	0.0
15	68.061	0.015	0.171	0.0	0.0	3.21	5.61e-04	4.336e+04	7.6	0.0	0.0
16	72.540	0.014	0.169	6.160e+04	10.8	0.0	0.0	0.0	0.0	0.0	0.0
17	83.640	0.012	0.166	0.0	0.0	4.990e+04	8.7	28.87	5.05e-03	0.0	0.0
18	137.807	0.007	0.159	0.0	0.0	9.71	1.70e-03	1.554e+05	27.2	0.0	0.0
Risulta				5.363e+05		5.410e+05		5.422e+05			
In percentuale				93.82		94.64		94.84			

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: 0.043 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	4.658e+05	1837.50	-1.89e-05	0.0	30.60	1837.50	0.0	0.158	0.0	0.0
395.00	1.059e+05	1837.50	0.0	0.0	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	5.716e+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	8.662	0.115	0.335	2.701e+04	4.7	0.0	0.0	0.0	0.0	0.0	0.0
2	8.719	0.115	0.334	0.0	0.0	1.08e-03	0.0	12.36	2.16e-03	0.0	0.0
3	8.729	0.115	0.334	688.20	0.1	0.0	0.0	0.0	0.0	0.0	0.0
4	8.768	0.114	0.333	0.0	0.0	3.44e-05	0.0	0.28	4.90e-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
5	10.165	0.098	0.307	0.0	0.0	5.33e-05	0.0	3.433e+05	60.0	0.0	0.0
6	10.414	0.096	0.304	0.0	0.0	10.76	1.88e-03	1.96e-04	0.0	0.0	0.0
7	11.110	0.090	0.294	0.94	1.65e-04	0.0	0.0	0.0	0.0	0.0	0.0
8	11.231	0.089	0.292	0.0	0.0	16.06	2.81e-03	9.04e-03	1.58e-06	0.0	0.0
9	11.930	0.084	0.284	0.0	0.0	0.41	7.21e-05	1.79e-03	0.0	0.0	0.0
10	23.319	0.043	0.217	4.429e+05	77.5	0.0	0.0	0.0	0.0	0.0	0.0
11	33.438	0.030	0.196	0.0	0.0	3.482e+05	60.9	0.58	1.02e-04	0.0	0.0
12	33.895	0.030	0.195	0.0	0.0	3244.32	0.6	116.90	2.05e-02	0.0	0.0
13	38.056	0.026	0.190	4110.27	0.7	0.0	0.0	0.0	0.0	0.0	0.0
14	40.000	0.025	0.188	0.0	0.0	1.397e+05	24.4	0.08	1.46e-05	0.0	0.0
15	68.061	0.015	0.171	0.0	0.0	3.20	5.60e-04	4.336e+04	7.6	0.0	0.0
16	72.540	0.014	0.169	6.160e+04	10.8	0.0	0.0	0.0	0.0	0.0	0.0
17	83.640	0.012	0.166	0.0	0.0	4.990e+04	8.7	28.86	5.05e-03	0.0	0.0
18	137.807	0.007	0.159	0.0	0.0	9.71	1.70e-03	1.554e+05	27.2	0.0	0.0
Risulta				5.363e+05		5.410e+05		5.422e+05			
In percentuale				93.82		94.64		94.84			

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: 0.031 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	4.658e+05	1837.50	-1.89e-05	306.25	0.0	1837.50	0.0	0.158	0.0	0.0
395.00	1.059e+05	1837.50	0.0	183.75	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	5.716e+05									

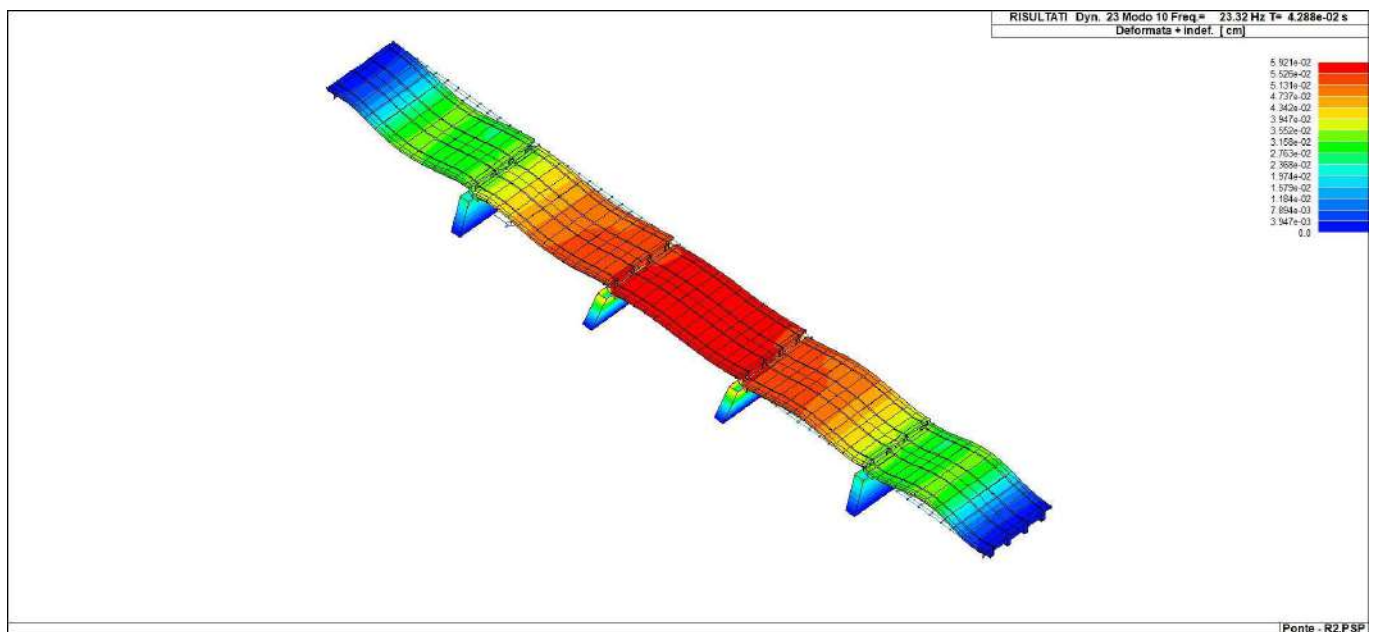
Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	8.662	0.115	0.335	2.700e+04	4.7	0.0	0.0	2.41e-06	0.0	0.0	0.0
2	8.717	0.115	0.334	6.72e-05	0.0	0.0	0.0	10.38	1.82e-03	0.0	0.0
3	8.728	0.115	0.334	694.66	0.1	0.0	0.0	1.13e-06	0.0	0.0	0.0
4	8.735	0.114	0.334	3.90e-03	0.0	0.0	0.0	2.25	3.94e-04	0.0	0.0
5	10.165	0.098	0.307	0.0	0.0	0.0	0.0	3.433e+05	60.0	0.0	0.0
6	10.415	0.096	0.304	0.0	0.0	11.07	1.94e-03	0.0	0.0	0.0	0.0
7	11.237	0.089	0.292	0.0	0.0	21.91	3.83e-03	0.0	0.0	0.0	0.0
8	12.377	0.081	0.279	0.0	0.0	0.24	4.23e-05	0.0	0.0	0.0	0.0
9	23.330	0.043	0.217	4.429e+05	77.5	0.0	0.0	1.64e-06	0.0	0.0	0.0
10	32.367	0.031	0.197	0.0	0.0	2.928e+05	51.2	0.0	0.0	0.0	0.0
11	33.078	0.030	0.196	1664.69	0.3	3.75e-06	0.0	1.79e-04	0.0	0.0	0.0
12	33.892	0.030	0.195	0.02	4.26e-06	4.22e-06	0.0	117.50	2.06e-02	0.0	0.0
13	38.353	0.026	0.189	0.0	0.0	1.876e+05	32.8	0.0	0.0	0.0	0.0
14	63.096	0.016	0.173	4.291e+04	7.5	0.0	0.0	7.75e-04	0.0	0.0	0.0
15	68.071	0.015	0.171	8.03e-04	0.0	1.09e-06	0.0	4.341e+04	7.6	0.0	0.0
16	74.968	0.013	0.169	1.17e-06	0.0	5.810e+04	10.2	1.25e-06	0.0	0.0	0.0
17	122.956	0.008	0.160	3.291e+04	5.8	0.0	0.0	1.99e-04	0.0	0.0	0.0
18	137.844	0.007	0.159	1.18e-05	0.0	0.0	0.0	1.554e+05	27.2	0.0	0.0
Risulta				5.481e+05		5.385e+05		5.422e+05			
In percentuale				95.88		94.21		94.85			

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

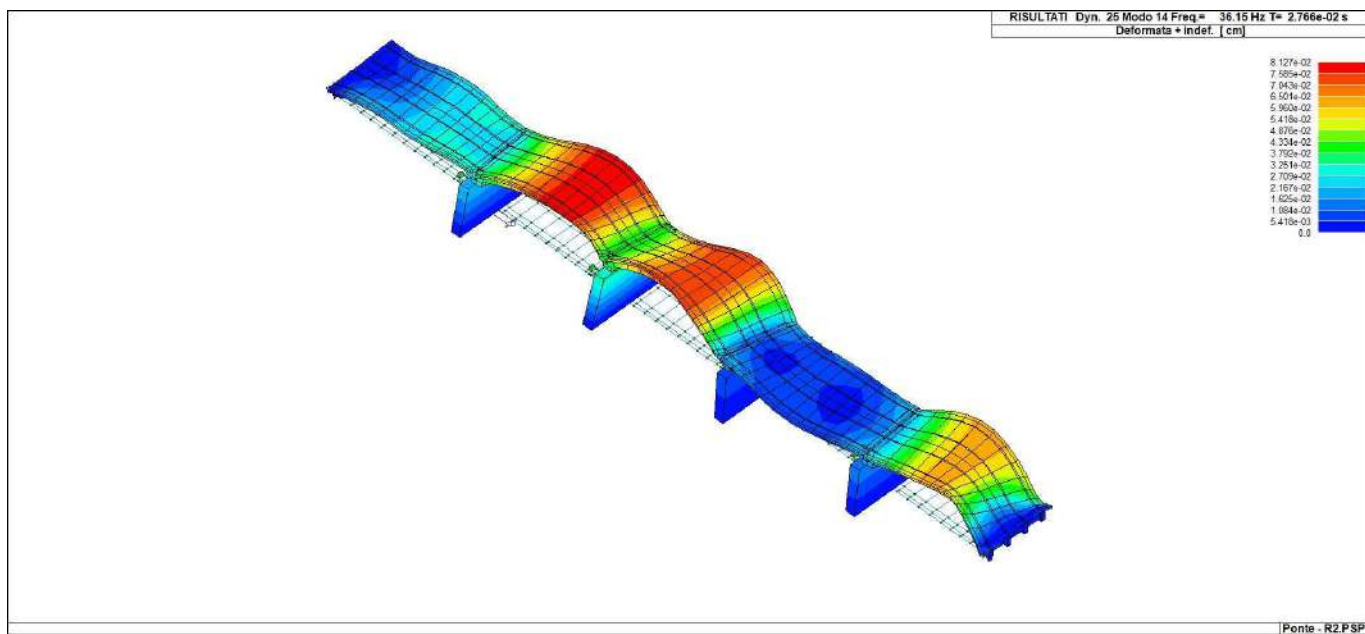
CDC	Tipo	Sigla Id	Note
			ordinata spettro (tratto Tb-Tc) = 0.358 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.031 sec.
			numero di modi considerati: 18
			combinaz. modale: CQC

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	4.658e+05	1837.50	-1.89e-05	-306.25	0.0	1837.50	0.0	0.158	0.0	0.0
395.00	1.059e+05	1837.50	0.0	-183.75	0.0	1837.50	0.0	1.667	0.0	0.0
Risulta	5.716e+05									

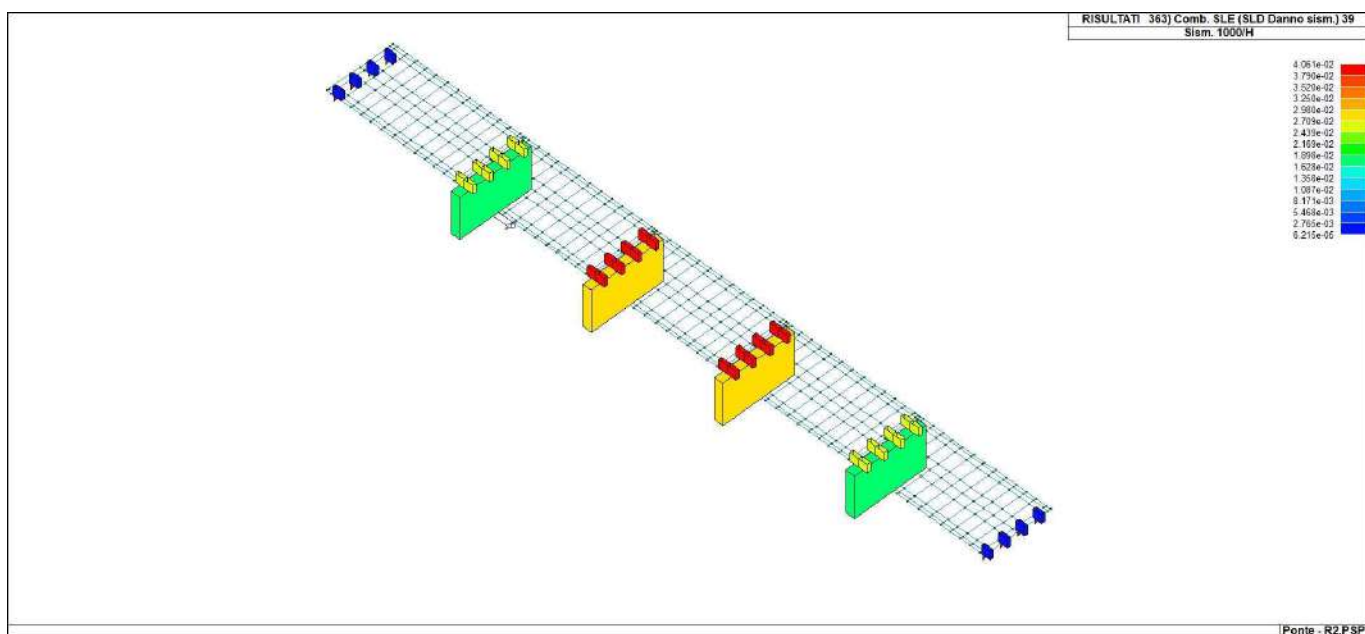
Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	8.662	0.115	0.335	2.700e+04	4.7	0.0	0.0	2.86e-06	0.0	0.0	0.0
2	8.717	0.115	0.334	6.69e-05	0.0	0.0	0.0	10.38	1.82e-03	0.0	0.0
3	8.728	0.115	0.334	694.66	0.1	0.0	0.0	1.05e-06	0.0	0.0	0.0
4	8.735	0.114	0.334	4.06e-03	0.0	0.0	0.0	2.25	3.94e-04	0.0	0.0
5	10.165	0.098	0.307	0.0	0.0	0.0	0.0	3.433e+05	60.0	0.0	0.0
6	10.415	0.096	0.304	0.0	0.0	11.07	1.94e-03	0.0	0.0	0.0	0.0
7	11.237	0.089	0.292	0.0	0.0	21.91	3.83e-03	0.0	0.0	0.0	0.0
8	12.377	0.081	0.279	0.0	0.0	0.24	4.23e-05	0.0	0.0	0.0	0.0
9	23.330	0.043	0.217	4.429e+05	77.5	0.0	0.0	1.54e-06	0.0	0.0	0.0
10	32.367	0.031	0.197	0.0	0.0	2.928e+05	51.2	0.0	0.0	0.0	0.0
11	33.078	0.030	0.196	1664.69	0.3	1.38e-04	0.0	1.80e-04	0.0	0.0	0.0
12	33.892	0.030	0.195	0.02	4.26e-06	6.04e-06	0.0	117.50	2.06e-02	0.0	0.0
13	38.353	0.026	0.189	0.0	0.0	1.876e+05	32.8	0.0	0.0	0.0	0.0
14	63.096	0.016	0.173	4.291e+04	7.5	1.85e-05	0.0	7.75e-04	0.0	0.0	0.0
15	68.071	0.015	0.171	8.05e-04	0.0	0.0	0.0	4.341e+04	7.6	0.0	0.0
16	74.968	0.013	0.169	3.00e-05	0.0	5.810e+04	10.2	1.09e-06	0.0	0.0	0.0
17	122.956	0.008	0.160	3.291e+04	5.8	1.75e-05	0.0	2.29e-04	0.0	0.0	0.0
18	137.844	0.007	0.159	9.10e-06	0.0	0.0	0.0	1.554e+05	27.2	0.0	0.0
Risulta				5.481e+05		5.385e+05		5.422e+05			
In percentuale				95.88		94.21		94.85			



31_RIS_MODOX_010_CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)



31_RIS_MODALY_014_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)



31_RIS_SLE_363_Comb. SLE (SLD Danno sism.) 39

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	1	0.0	0.0	0.0	0.0	0.0	0.0
1	207	0.0	0.0	0.0	0.0	0.0	0.0
1	309	0.0	0.0	0.0	0.0	0.0	0.0
1	324	0.0	0.0	0.0	0.0	0.0	0.0
1	325	0.0	0.0	0.0	0.0	0.0	0.0
1	357	0.0	0.0	0.0	0.0	0.0	0.0
2	7	0.06	-5.47e-03	-1.08	-5.69e-04	2.00e-03	-5.92e-05
2	105	0.05	-7.09e-03	-1.18	-6.88e-04	1.81e-03	-5.14e-05
2	210	0.04	-3.92e-03	-0.80	-4.22e-04	1.48e-03	-4.38e-05
2	259	0.03	-4.58e-03	-0.78	-3.04e-04	1.17e-03	-2.44e-05
2	289	0.04	-3.66e-03	-0.80	-4.19e-04	1.48e-03	-4.35e-05
2	311	0.03	-1.96e-03	-0.64	-2.40e-04	1.17e-03	-2.83e-05
2	323	0.03	-2.65e-03	-0.65	-2.24e-04	9.96e-04	-1.85e-05
2	324	3.72e-03	-2.18e-04	-0.26	1.43e-05	4.42e-04	-2.25e-06
2	326	0.02	-2.85e-03	-0.35	2.83e-05	5.88e-04	0.0
2	346	8.12e-03	-8.42e-03	-0.29	3.99e-05	4.81e-04	4.87e-06
2	358	0.01	-1.44e-03	-0.31	1.70e-05	5.18e-04	-2.94e-06
2	362	0.01	-1.27e-03	-0.31	1.87e-05	5.18e-04	-2.43e-06
2	378	5.84e-03	-4.01e-03	-0.27	1.25e-05	4.64e-04	-5.13e-06
3	1	0.0	0.0	0.0	0.0	0.0	0.0
3	207	0.0	0.0	0.0	0.0	0.0	0.0
3	309	0.0	0.0	0.0	0.0	0.0	0.0
3	324	0.0	0.0	0.0	0.0	0.0	0.0
3	325	0.0	0.0	0.0	0.0	0.0	0.0
3	357	0.0	0.0	0.0	0.0	0.0	0.0
4	97	-0.01	-1.21e-03	-0.44	-2.49e-04	-7.64e-04	1.97e-05
4	127	0.01	-6.28e-03	-1.18	-6.78e-04	-1.83e-03	5.30e-05
4	165	0.01	-5.69e-03	-1.18	-6.69e-04	-1.83e-03	5.15e-05
4	255	-9.00e-03	-5.12e-05	-0.23	1.99e-05	-3.99e-04	1.59e-06
4	270	7.60e-03	-4.53e-03	-0.87	-5.03e-04	-1.35e-03	3.91e-05
4	289	7.57e-03	-4.14e-03	-0.87	-4.97e-04	-1.35e-03	3.80e-05
4	311	5.74e-03	-2.41e-03	-0.69	-2.99e-04	-1.07e-03	2.38e-05
4	322	-7.17e-03	5.37e-04	-0.24	1.91e-05	-4.17e-04	0.0
4	324	-3.65e-03	-2.17e-04	-0.26	1.42e-05	-4.48e-04	2.25e-06
4	326	2.77e-03	-2.12e-03	-0.35	2.96e-05	-5.97e-04	6.22e-06
4	327	-0.01	1.69e-03	-0.17	-1.29e-06	-2.98e-04	-1.71e-06
4	346	-1.27e-03	-6.05e-03	-0.29	4.46e-05	-4.87e-04	1.72e-05
4	357	-5.52e-04	4.47e-04	-0.31	1.84e-05	-5.26e-04	0.0
4	359	-6.86e-03	6.38e-04	-0.21	1.13e-05	-3.70e-04	0.0
4	378	-2.51e-03	-2.80e-03	-0.27	1.29e-05	-4.69e-04	8.79e-06
5	1	0.0	0.0	0.0	0.0	0.0	0.0
5	207	0.0	0.0	0.0	0.0	0.0	0.0
5	309	0.0	0.0	0.0	0.0	0.0	0.0
5	324	0.0	0.0	0.0	0.0	0.0	0.0
5	325	0.0	0.0	0.0	0.0	0.0	0.0
5	357	0.0	0.0	0.0	0.0	0.0	0.0
6	105	0.05	-0.01	-1.09	-5.32e-04	1.66e-03	-2.47e-05
6	165	0.06	-7.69e-03	-1.00	-4.65e-04	1.83e-03	-2.73e-05
6	259	0.03	-7.57e-03	-0.74	-2.00e-04	1.12e-03	-5.44e-06
6	289	0.04	-5.58e-03	-0.74	-3.46e-04	1.35e-03	-2.03e-05
6	311	0.03	-3.49e-03	-0.60	-1.82e-04	1.09e-03	-9.30e-06
6	323	0.03	-5.06e-03	-0.63	-1.36e-04	9.57e-04	-2.31e-06
6	324	3.71e-03	-7.86e-04	-0.27	4.82e-05	4.51e-04	5.48e-06
6	326	0.02	-3.85e-03	-0.36	7.58e-05	5.97e-04	8.61e-06
6	346	9.29e-03	-9.14e-03	-0.30	7.79e-05	4.79e-04	1.30e-05
6	358	0.01	-2.23e-03	-0.31	5.79e-05	5.28e-04	5.13e-06
6	362	0.01	-2.06e-03	-0.31	5.95e-05	5.28e-04	5.61e-06
6	378	6.24e-03	-4.66e-03	-0.28	4.85e-05	4.70e-04	2.84e-06
7	1	0.0	0.0	0.0	0.0	0.0	0.0
7	207	0.0	0.0	0.0	0.0	0.0	0.0

7	309	0.0	0.0	0.0	0.0	0.0	0.0
7	324	0.0	0.0	0.0	0.0	0.0	0.0
7	325	0.0	0.0	0.0	0.0	0.0	0.0
7	357	0.0	0.0	0.0	0.0	0.0	0.0
8	97	-0.01	-1.79e-03	-0.40	-1.98e-04	-7.04e-04	7.96e-06
8	127	0.01	-0.01	-1.08	-5.23e-04	-1.68e-03	2.69e-05
8	165	0.01	-0.01	-1.08	-5.11e-04	-1.68e-03	2.51e-05
8	255	-8.92e-03	-2.62e-04	-0.23	4.77e-05	-4.10e-04	-6.25e-06
8	270	8.64e-03	-7.73e-03	-0.80	-3.88e-04	-1.24e-03	1.97e-05
8	289	8.54e-03	-7.35e-03	-0.80	-3.81e-04	-1.24e-03	1.85e-05
8	311	6.26e-03	-4.92e-03	-0.65	-2.08e-04	-1.01e-03	7.44e-06
8	322	-7.21e-03	2.05e-04	-0.24	4.90e-05	-4.27e-04	-7.45e-06
8	324	-3.64e-03	-7.82e-04	-0.27	4.80e-05	-4.56e-04	-5.53e-06
8	326	3.16e-03	-3.20e-03	-0.36	7.74e-05	-6.06e-04	-1.90e-06
8	327	-0.01	1.64e-03	-0.17	1.86e-05	-3.06e-04	-9.16e-06
8	346	-1.58e-04	-6.82e-03	-0.30	8.38e-05	-4.86e-04	1.03e-05
8	357	-6.76e-04	-3.69e-04	-0.31	5.92e-05	-5.37e-04	-8.21e-06
8	359	-7.04e-03	3.34e-04	-0.22	3.82e-05	-3.78e-04	-6.97e-06
8	378	-1.99e-03	-3.46e-03	-0.28	4.87e-05	-4.75e-04	1.16e-06
9	121	-3.46e-03	-1.66e-03	-5.02e-03	1.15e-05	-1.04e-03	-1.69e-05
9	149	-0.07	-6.60e-04	-0.02	-1.14e-05	-3.34e-03	0.0
9	281	-0.05	-9.10e-04	-0.01	-1.13e-06	-2.29e-03	-1.07e-06
9	282	-0.04	-1.14e-03	-9.41e-03	1.35e-06	-1.91e-03	-3.57e-06
9	310	-1.16e-04	-7.42e-04	-3.26e-03	8.09e-06	-7.48e-04	-1.52e-05
9	313	-0.04	-6.51e-05	-8.79e-03	0.0	-1.89e-03	-7.65e-06
9	324	-2.94e-05	-4.12e-05	-3.01e-03	7.56e-06	-7.48e-04	-1.69e-05
9	332	-0.02	-1.49e-03	-5.69e-03	1.09e-05	-1.03e-03	0.0
9	340	-0.02	-1.83e-03	-5.75e-03	1.09e-05	-1.03e-03	0.0
9	356	-7.62e-03	-5.47e-03	-5.55e-03	1.57e-05	-8.29e-04	0.0
9	364	-9.39e-03	-7.58e-04	-4.37e-03	9.25e-06	-8.94e-04	-8.54e-06
9	372	-9.29e-03	-9.30e-04	-4.40e-03	9.24e-06	-8.93e-04	-8.23e-06
9	388	-3.85e-03	-2.74e-03	-4.28e-03	1.16e-05	-7.90e-04	-8.69e-06
10	121	-3.32e-03	-1.64e-03	-4.54e-03	1.46e-06	-1.02e-03	1.75e-05
10	149	-0.07	-6.26e-04	-0.02	-1.37e-05	-3.61e-03	4.34e-05
10	281	-0.05	-8.86e-04	-0.01	-4.37e-06	-2.40e-03	2.44e-05
10	282	-0.04	-1.11e-03	-9.17e-03	-2.91e-06	-1.99e-03	2.16e-05
10	310	-5.81e-05	-7.24e-04	-3.01e-03	0.0	-7.30e-04	1.38e-05
10	313	-0.04	-4.21e-05	-8.79e-03	-3.55e-06	-1.97e-03	2.21e-05
10	324	-2.93e-05	-2.26e-05	-2.93e-03	0.0	-7.30e-04	1.35e-05
10	332	-0.02	-1.47e-03	-5.24e-03	1.98e-06	-1.01e-03	7.81e-06
10	340	-0.02	-1.81e-03	-5.26e-03	2.18e-06	-1.01e-03	8.65e-06
10	356	-6.10e-03	-5.45e-03	-4.20e-03	7.17e-06	-8.11e-04	2.08e-05
10	364	-9.13e-03	-7.40e-04	-4.11e-03	1.16e-06	-8.73e-04	1.06e-05
10	372	-9.10e-03	-9.11e-04	-4.12e-03	1.26e-06	-8.73e-04	1.10e-05
10	388	-3.09e-03	-2.72e-03	-3.57e-03	3.74e-06	-7.72e-04	1.71e-05
11	122	-3.18e-03	-1.59e-03	-3.08e-03	0.0	-7.41e-04	-1.11e-05
11	187	-0.07	-9.92e-05	-0.02	-1.42e-05	-3.93e-03	-1.49e-05
11	282	-0.04	-1.05e-03	-9.04e-03	-3.97e-06	-2.09e-03	-8.16e-06
11	300	-0.05	-5.43e-04	-0.01	-5.60e-06	-2.54e-03	-7.07e-06
11	310	0.0	-6.79e-04	-2.85e-03	0.0	-7.30e-04	-1.32e-05
11	313	-0.04	2.19e-05	-8.91e-03	-4.66e-06	-2.07e-03	-9.51e-06
11	324	-2.93e-05	2.26e-05	-2.93e-03	0.0	-7.30e-04	-1.35e-05
11	331	-0.02	1.81e-03	-5.26e-03	-2.18e-06	-1.01e-03	-8.65e-06
11	339	-0.02	1.47e-03	-5.24e-03	-1.98e-06	-1.01e-03	-7.81e-06
11	351	-6.10e-03	5.45e-03	-4.20e-03	-7.17e-06	-8.11e-04	-2.08e-05
11	363	-9.10e-03	9.11e-04	-4.12e-03	-1.26e-06	-8.73e-04	-1.10e-05
11	371	-9.13e-03	7.40e-04	-4.11e-03	-1.16e-06	-8.73e-04	-1.06e-05
11	383	-3.09e-03	2.72e-03	-3.57e-03	-3.74e-06	-7.72e-04	-1.71e-05
12	122	-3.05e-03	-1.57e-03	-2.79e-03	-6.11e-06	-7.56e-04	1.90e-05
12	187	-0.07	-4.06e-05	-0.02	-3.85e-05	-4.26e-03	5.70e-05
12	267	-2.03e-03	-1.03e-03	-2.91e-03	-7.65e-06	-7.70e-04	1.88e-05
12	300	-0.05	-5.13e-04	-0.01	-1.84e-05	-2.70e-03	2.82e-05
12	310	5.74e-05	-6.60e-04	-2.77e-03	-7.03e-06	-7.48e-04	1.87e-05
12	313	-0.04	4.96e-05	-9.15e-03	-1.61e-05	-2.20e-03	2.54e-05
12	324	-2.94e-05	4.12e-05	-3.01e-03	-7.56e-06	-7.48e-04	1.69e-05
12	331	-0.02	1.83e-03	-5.75e-03	-1.09e-05	-1.03e-03	0.0
12	339	-0.02	1.49e-03	-5.69e-03	-1.09e-05	-1.03e-03	0.0
12	351	-7.62e-03	5.47e-03	-5.55e-03	-1.57e-05	-8.29e-04	0.0
12	363	-9.29e-03	9.30e-04	-4.40e-03	-9.24e-06	-8.93e-04	8.23e-06
12	371	-9.39e-03	7.58e-04	-4.37e-03	-9.25e-06	-8.94e-04	8.54e-06
12	383	-3.85e-03	2.74e-03	-4.28e-03	-1.16e-05	-7.90e-04	8.69e-06
13	49	-0.05	-9.28e-04	-0.01	-1.19e-05	-3.36e-03	3.11e-06
13	121	-4.81e-03	-1.82e-03	-5.25e-03	1.15e-05	-1.03e-03	-1.61e-05
13	231	-0.04	-1.16e-03	-9.90e-03	-1.49e-06	-2.30e-03	2.42e-06
13	232	-0.03	-1.33e-03	-8.43e-03	1.08e-06	-1.92e-03	0.0
13	310	-1.74e-05	-8.12e-04	-3.28e-03	8.10e-06	-7.52e-04	-1.44e-05
13	316	-0.03	-3.07e-04	-7.69e-03	0.0	-1.91e-03	-4.82e-06

13	324	-2.02e-05	-4.13e-05	-3.01e-03	7.56e-06	-7.52e-04	-1.69e-05
13	328	-0.03	-1.47e-03	-6.76e-03	1.05e-05	-8.95e-04	-7.75e-06
13	340	-0.03	-2.18e-03	-6.90e-03	1.09e-05	-8.87e-04	-4.45e-06
13	356	-7.19e-03	-6.75e-03	-6.19e-03	1.73e-05	-7.78e-04	6.63e-06
13	360	-0.01	-6.00e-04	-4.85e-03	8.77e-06	-8.26e-04	-1.25e-05
13	372	-0.01	-1.10e-03	-4.98e-03	9.25e-06	-8.22e-04	-1.07e-05
13	388	-3.65e-03	-3.38e-03	-4.60e-03	1.24e-05	-7.66e-04	-5.22e-06
14	49	-0.05	-8.91e-04	-0.01	-1.41e-05	-3.63e-03	4.47e-05
14	121	-4.80e-03	-1.80e-03	-4.75e-03	1.50e-06	-1.01e-03	1.93e-05
14	231	-0.04	-1.14e-03	-9.69e-03	-4.64e-06	-2.42e-03	2.56e-05
14	232	-0.03	-1.31e-03	-8.14e-03	-3.12e-06	-2.00e-03	2.29e-05
14	310	-1.92e-05	-7.93e-04	-3.02e-03	0.0	-7.34e-04	1.42e-05
14	316	-0.03	-2.82e-04	-7.64e-03	-3.74e-06	-1.99e-03	2.24e-05
14	324	-2.02e-05	-2.26e-05	-2.93e-03	0.0	-7.34e-04	1.35e-05
14	328	-0.03	-1.44e-03	-6.32e-03	1.96e-06	-8.69e-04	1.13e-05
14	340	-0.03	-2.16e-03	-6.36e-03	2.42e-06	-8.70e-04	1.38e-05
14	356	-8.02e-03	-6.73e-03	-4.63e-03	7.80e-06	-7.72e-04	2.18e-05
14	360	-0.01	-5.80e-04	-4.63e-03	0.0	-8.04e-04	1.26e-05
14	372	-0.01	-1.08e-03	-4.67e-03	1.38e-06	-8.04e-04	1.36e-05
14	388	-4.07e-03	-3.36e-03	-3.79e-03	4.06e-06	-7.53e-04	1.76e-05
15	49	-0.06	-7.65e-04	-0.01	-1.44e-05	-3.96e-03	-1.21e-05
15	122	-4.80e-03	-1.74e-03	-3.25e-03	0.0	-7.29e-04	-1.07e-05
15	231	-0.04	-1.06e-03	-9.61e-03	-5.78e-06	-2.56e-03	-4.67e-06
15	232	-0.03	-1.24e-03	-7.99e-03	-4.14e-06	-2.11e-03	-6.33e-06
15	310	-2.11e-05	-7.48e-04	-2.85e-03	0.0	-7.34e-04	-1.27e-05
15	316	-0.03	-2.13e-04	-7.72e-03	-4.81e-06	-2.10e-03	-7.76e-06
15	324	-2.02e-05	2.26e-05	-2.93e-03	0.0	-7.34e-04	-1.35e-05
15	331	-0.03	2.16e-03	-6.36e-03	-2.42e-06	-8.70e-04	-1.38e-05
15	335	-0.03	1.44e-03	-6.31e-03	-1.96e-06	-8.69e-04	-1.12e-05
15	351	-8.02e-03	6.73e-03	-4.63e-03	-7.80e-06	-7.72e-04	-2.18e-05
15	363	-0.01	1.08e-03	-4.67e-03	-1.38e-06	-8.04e-04	-1.36e-05
15	367	-0.01	5.80e-04	-4.63e-03	0.0	-8.04e-04	-1.26e-05
15	383	-4.07e-03	3.36e-03	-3.79e-03	-4.06e-06	-7.53e-04	-1.76e-05
16	49	-0.06	-7.03e-04	-0.02	-3.90e-05	-4.30e-03	6.04e-05
16	122	-4.81e-03	-1.73e-03	-2.93e-03	-6.11e-06	-7.43e-04	2.18e-05
16	231	-0.04	-1.03e-03	-9.67e-03	-1.88e-05	-2.73e-03	3.11e-05
16	232	-0.03	-1.21e-03	-7.95e-03	-1.56e-05	-2.24e-03	2.89e-05
16	310	-2.31e-05	-7.29e-04	-2.75e-03	-7.02e-06	-7.51e-04	1.95e-05
16	316	-0.03	-1.84e-04	-7.91e-03	-1.64e-05	-2.23e-03	2.61e-05
16	324	-2.02e-05	4.12e-05	-3.01e-03	-7.56e-06	-7.52e-04	1.69e-05
16	331	-0.03	2.18e-03	-6.90e-03	-1.09e-05	-8.87e-04	4.45e-06
16	340	-0.03	-2.09e-03	-5.54e-03	-5.22e-06	-8.96e-04	1.86e-05
16	351	-7.19e-03	6.75e-03	-6.19e-03	-1.73e-05	-7.78e-04	-6.63e-06
16	363	-0.01	1.10e-03	-4.98e-03	-9.25e-06	-8.22e-04	1.07e-05
16	367	-0.01	6.00e-04	-4.85e-03	-8.77e-06	-8.26e-04	1.25e-05
16	383	-3.65e-03	3.38e-03	-4.60e-03	-1.24e-05	-7.66e-04	5.22e-06
17	73	-0.04	-9.39e-04	-0.01	-1.19e-05	-3.36e-03	2.70e-06
17	90	0.04	-2.99e-05	2.91e-05	-3.20e-06	-8.55e-04	-2.67e-05
17	141	-7.59e-03	-1.82e-03	-5.59e-03	1.16e-05	-1.00e-03	-1.81e-05
17	243	-0.03	-1.17e-03	-8.60e-03	-1.44e-06	-2.30e-03	2.14e-06
17	244	-0.02	-1.34e-03	-7.45e-03	1.14e-06	-1.91e-03	-1.17e-06
17	251	0.03	-5.12e-04	-2.58e-04	8.32e-06	-6.65e-04	-2.47e-05
17	310	-1.35e-05	-8.11e-04	-3.28e-03	8.13e-06	-7.52e-04	-1.45e-05
17	319	-0.02	-3.14e-04	-6.72e-03	0.0	-1.91e-03	-4.50e-06
17	321	0.02	1.82e-04	-4.61e-04	7.70e-06	-6.87e-04	-2.46e-05
17	324	-1.14e-05	-4.13e-05	-3.01e-03	7.56e-06	-7.52e-04	-1.69e-05
17	328	-0.03	-2.25e-03	-7.08e-03	1.10e-05	-7.32e-04	-1.63e-05
17	342	3.59e-03	-7.71e-03	-4.90e-03	1.96e-05	-7.84e-04	4.28e-06
17	360	-0.01	-9.48e-04	-4.97e-03	8.88e-06	-7.40e-04	-1.77e-05
17	363	-0.01	6.40e-04	-4.42e-03	6.53e-06	-7.36e-04	-2.18e-05
17	374	3.68e-03	-3.21e-03	-3.63e-03	1.23e-05	-7.62e-04	-9.99e-06
18	73	-0.04	-9.00e-04	-0.01	-1.41e-05	-3.63e-03	4.50e-05
18	90	0.04	-5.08e-06	-1.58e-04	-7.27e-06	-9.47e-04	2.16e-05
18	141	-7.58e-03	-1.79e-03	-5.08e-03	1.62e-06	-9.76e-04	2.06e-05
18	243	-0.03	-1.15e-03	-8.39e-03	-4.60e-06	-2.42e-03	2.57e-05
18	244	-0.02	-1.31e-03	-7.17e-03	-3.06e-06	-2.00e-03	2.31e-05
18	251	0.03	-4.89e-04	-7.72e-05	0.0	-6.33e-04	1.23e-05
18	310	-1.20e-05	-7.92e-04	-3.02e-03	0.0	-7.34e-04	1.42e-05
18	319	-0.02	-2.88e-04	-6.67e-03	-3.74e-06	-2.00e-03	2.21e-05
18	321	0.02	2.04e-04	-4.38e-04	0.0	-6.59e-04	1.20e-05
18	324	-1.13e-05	-2.26e-05	-2.93e-03	0.0	-7.34e-04	1.35e-05
18	328	-0.03	-2.23e-03	-6.42e-03	3.47e-06	-7.11e-04	1.01e-05
18	342	6.57e-03	-7.69e-03	-2.92e-03	1.15e-05	-7.50e-04	-6.34e-06
18	360	-0.01	-9.30e-04	-4.66e-03	1.45e-06	-7.21e-04	1.53e-05
18	363	-0.01	6.58e-04	-4.48e-03	0.0	-7.22e-04	1.35e-05
18	374	4.06e-03	-3.19e-03	-2.81e-03	4.36e-06	-7.36e-04	1.51e-05
19	73	-0.04	-7.68e-04	-0.01	-1.44e-05	-3.96e-03	-1.23e-05

19	90	0.04	9.91e-05	-5.03e-04	-7.84e-06	-1.05e-03	-3.47e-05
19	142	-7.57e-03	-1.75e-03	-3.59e-03	0.0	-6.99e-04	-1.21e-05
19	243	-0.03	-1.06e-03	-8.31e-03	-5.79e-06	-2.56e-03	-4.83e-06
19	244	-0.02	-1.24e-03	-7.01e-03	-4.13e-06	-2.10e-03	-6.58e-06
19	251	0.03	-4.16e-04	-1.74e-05	-1.12e-06	-6.16e-04	-2.53e-05
19	310	-1.06e-05	-7.47e-04	-2.85e-03	0.0	-7.34e-04	-1.28e-05
19	319	-0.02	-2.15e-04	-6.74e-03	-4.82e-06	-2.11e-03	-7.52e-06
19	321	0.03	2.71e-04	-5.23e-04	-1.32e-06	-6.46e-04	-2.28e-05
19	324	-1.13e-05	2.26e-05	-2.93e-03	0.0	-7.34e-04	-1.35e-05
19	335	-0.03	2.23e-03	-6.41e-03	-3.47e-06	-7.10e-04	-1.02e-05
19	345	7.00e-03	7.69e-03	-2.89e-03	-1.15e-05	-7.50e-04	6.27e-06
19	367	-0.01	9.30e-04	-4.66e-03	-1.45e-06	-7.21e-04	-1.53e-05
19	372	-0.01	-6.58e-04	-4.48e-03	0.0	-7.22e-04	-1.35e-05
19	377	4.06e-03	3.19e-03	-2.81e-03	-4.36e-06	-7.36e-04	-1.51e-05
20	73	-0.04	-7.04e-04	-0.01	-3.90e-05	-4.30e-03	6.08e-05
20	90	0.04	1.50e-04	-1.05e-03	-2.00e-05	-1.15e-03	4.51e-05
20	142	-7.58e-03	-1.73e-03	-3.27e-03	-6.07e-06	-7.12e-04	2.35e-05
20	243	-0.03	-1.03e-03	-8.37e-03	-1.88e-05	-2.73e-03	3.13e-05
20	244	-0.02	-1.21e-03	-6.98e-03	-1.56e-05	-2.24e-03	2.92e-05
20	251	0.03	-3.85e-04	-9.13e-05	-7.98e-06	-6.14e-04	2.46e-05
20	310	-9.27e-06	-7.28e-04	-2.75e-03	-6.99e-06	-7.51e-04	1.94e-05
20	319	-0.02	-1.84e-04	-6.94e-03	-1.64e-05	-2.24e-03	2.58e-05
20	321	0.03	2.99e-04	-7.30e-04	-8.31e-06	-6.49e-04	2.09e-05
20	324	-1.14e-05	4.13e-05	-3.01e-03	-7.56e-06	-7.52e-04	1.69e-05
20	335	-0.03	2.25e-03	-7.07e-03	-1.10e-05	-7.32e-04	1.62e-05
20	345	4.04e-03	7.71e-03	-4.87e-03	-1.96e-05	-7.84e-04	-4.53e-06
20	367	-0.01	9.48e-04	-4.97e-03	-8.88e-06	-7.40e-04	1.77e-05
20	372	-0.01	-6.40e-04	-4.42e-03	-6.53e-06	-7.36e-04	2.18e-05
20	377	3.68e-03	3.21e-03	-3.63e-03	-1.23e-05	-7.62e-04	9.99e-06
21	97	-0.02	-1.03e-03	-0.01	-1.14e-05	-3.30e-03	6.60e-06
21	106	0.05	2.35e-04	2.12e-03	-3.61e-06	-8.27e-04	-2.81e-05
21	121	-3.02e-03	-1.73e-03	-5.02e-03	1.14e-05	-1.00e-03	-1.78e-05
21	255	-0.01	-1.21e-03	-7.56e-03	-1.13e-06	-2.26e-03	5.19e-06
21	256	-0.01	-1.35e-03	-6.63e-03	1.32e-06	-1.88e-03	1.04e-06
21	259	0.04	-2.92e-04	1.29e-03	7.95e-06	-6.45e-04	-2.55e-05
21	310	8.52e-05	-7.72e-04	-3.26e-03	8.04e-06	-7.51e-04	-1.43e-05
21	322	-9.12e-03	-3.74e-04	-6.04e-03	0.0	-1.89e-03	-1.85e-06
21	323	0.03	3.18e-04	5.91e-04	7.49e-06	-6.80e-04	-2.49e-05
21	324	-2.18e-06	-4.13e-05	-3.01e-03	7.56e-06	-7.52e-04	-1.69e-05
21	327	-0.02	2.12e-03	-4.43e-03	4.27e-06	-6.23e-04	-4.24e-05
21	342	9.44e-03	-6.77e-03	-4.52e-03	1.68e-05	-7.22e-04	2.83e-05
21	344	-1.27e-03	-6.68e-03	-5.75e-03	1.65e-05	-6.32e-04	2.05e-05
21	359	-9.37e-03	9.17e-04	-3.77e-03	6.09e-06	-6.76e-04	-2.71e-05
21	360	-8.69e-03	-8.41e-04	-4.33e-03	8.45e-06	-6.72e-04	-1.98e-05
21	374	3.85e-03	-3.00e-03	-3.64e-03	1.16e-05	-7.70e-04	-2.81e-06
22	97	-0.02	-9.78e-04	-0.01	-1.60e-05	-3.59e-03	4.41e-05
22	106	0.06	2.61e-04	1.86e-03	-7.62e-06	-9.21e-04	2.38e-05
22	121	-3.15e-03	-1.70e-03	-4.54e-03	1.45e-06	-9.76e-04	2.13e-05
22	255	-0.02	-1.18e-03	-7.36e-03	-6.06e-06	-2.38e-03	2.52e-05
22	256	-0.01	-1.32e-03	-6.36e-03	-4.20e-06	-1.97e-03	2.30e-05
22	259	0.04	-2.67e-04	1.41e-03	0.0	-6.15e-04	1.40e-05
22	310	2.68e-05	-7.53e-04	-3.01e-03	0.0	-7.34e-04	1.45e-05
22	322	-0.01	-3.42e-04	-6.00e-03	-4.79e-06	-1.98e-03	2.12e-05
22	323	0.03	3.41e-04	5.79e-04	0.0	-6.52e-04	1.27e-05
22	324	-2.19e-06	-2.26e-05	-2.93e-03	0.0	-7.34e-04	1.35e-05
22	327	-0.02	2.14e-03	-4.75e-03	-1.33e-06	-5.97e-04	1.42e-05
22	328	-0.02	-1.87e-03	-5.18e-03	2.67e-06	-5.76e-04	2.85e-05
22	348	-3.98e-03	-6.75e-03	-4.25e-03	7.06e-06	-6.56e-04	3.98e-05
22	359	-9.11e-03	9.34e-04	-3.86e-03	0.0	-6.59e-04	1.54e-05
22	360	-8.88e-03	-8.23e-04	-4.05e-03	1.45e-06	-6.57e-04	1.94e-05
22	380	-2.31e-03	-2.98e-03	-3.55e-03	3.50e-06	-7.09e-04	2.14e-05
23	97	-0.02	-8.15e-04	-0.01	-1.39e-05	-3.92e-03	-1.04e-05
23	106	0.06	3.72e-04	1.45e-03	-8.37e-06	-1.03e-03	-3.51e-05
23	142	-4.63e-03	-1.65e-03	-3.24e-03	0.0	-6.88e-04	-1.20e-05
23	255	-0.02	-1.08e-03	-7.31e-03	-5.46e-06	-2.54e-03	-3.16e-06
23	256	-0.01	-1.23e-03	-6.24e-03	-3.93e-06	-2.08e-03	-5.25e-06
23	259	0.04	-1.90e-04	1.41e-03	-1.56e-06	-6.00e-04	-2.53e-05
23	310	-3.12e-05	-7.08e-04	-2.85e-03	0.0	-7.34e-04	-1.25e-05
23	322	-0.01	-2.52e-04	-6.08e-03	-4.49e-06	-2.09e-03	-6.18e-06
23	323	0.03	4.12e-04	4.59e-04	-1.57e-06	-6.41e-04	-2.28e-05
23	324	-2.19e-06	2.26e-05	-2.93e-03	0.0	-7.34e-04	-1.35e-05
23	335	-0.02	1.87e-03	-5.17e-03	-2.68e-06	-5.82e-04	-2.85e-05
23	336	-0.02	-2.14e-03	-4.76e-03	1.33e-06	-5.91e-04	-1.42e-05
23	343	-3.75e-03	6.75e-03	-4.22e-03	-7.08e-06	-6.74e-04	-3.98e-05
23	367	-8.88e-03	8.23e-04	-4.05e-03	-1.45e-06	-6.57e-04	-1.94e-05
23	368	-9.11e-03	-9.34e-04	-3.86e-03	0.0	-6.59e-04	-1.54e-05
23	375	-2.31e-03	2.98e-03	-3.55e-03	-3.50e-06	-7.09e-04	-2.14e-05

24	97	-0.03	-7.38e-04	-0.01	-4.08e-05	-4.26e-03	5.71e-05
24	106	0.06	4.24e-04	8.32e-04	-2.05e-05	-1.12e-03	4.75e-05
24	142	-4.77e-03	-1.64e-03	-2.94e-03	-6.30e-06	-7.02e-04	2.47e-05
24	255	-0.02	-1.03e-03	-7.42e-03	-2.02e-05	-2.71e-03	2.86e-05
24	256	-0.01	-1.19e-03	-6.24e-03	-1.67e-05	-2.21e-03	2.74e-05
24	259	0.04	-1.57e-04	1.28e-03	-8.44e-06	-5.98e-04	2.64e-05
24	311	0.03	7.03e-04	-8.68e-05	-1.24e-05	-8.31e-04	2.75e-05
24	322	-0.01	-2.15e-04	-6.31e-03	-1.74e-05	-2.22e-03	2.32e-05
24	323	0.04	4.41e-04	2.18e-04	-8.57e-06	-6.44e-04	2.16e-05
24	324	-2.19e-06	4.13e-05	-3.01e-03	-7.56e-06	-7.52e-04	1.69e-05
24	336	-0.02	-2.12e-03	-4.44e-03	-4.27e-06	-6.17e-04	4.24e-05
24	345	9.68e-03	6.77e-03	-4.49e-03	-1.68e-05	-7.43e-04	-2.83e-05
24	347	-1.03e-03	6.68e-03	-5.72e-03	-1.65e-05	-6.53e-04	-2.04e-05
24	367	-8.69e-03	8.41e-04	-4.33e-03	-8.45e-06	-6.72e-04	1.98e-05
24	368	-9.37e-03	-9.17e-04	-3.77e-03	-6.09e-06	-6.76e-04	2.71e-05
24	377	3.85e-03	3.00e-03	-3.64e-03	-1.16e-05	-7.70e-04	2.81e-06
25	49	9.26e-04	-2.89e-04	0.05	-2.84e-06	1.13e-03	1.40e-05
25	150	4.72e-04	6.13e-04	0.12	-1.35e-05	3.11e-03	-1.62e-05
25	187	6.47e-04	4.70e-04	0.14	-8.54e-06	3.41e-03	-1.11e-05
25	281	3.58e-04	3.10e-04	0.09	-2.15e-06	2.34e-03	-7.64e-06
25	289	6.10e-04	-1.37e-04	0.04	0.0	8.82e-04	7.35e-06
25	300	3.68e-04	2.69e-04	0.09	-1.15e-06	2.34e-03	-6.35e-06
25	313	4.10e-04	1.01e-04	0.08	0.0	1.93e-03	0.0
25	316	5.70e-04	-3.41e-04	0.03	3.24e-06	6.61e-04	1.38e-05
25	324	4.14e-04	-1.96e-04	0.03	4.33e-06	7.61e-04	8.17e-06
25	332	3.55e-04	3.81e-04	0.04	6.97e-06	1.06e-03	-8.71e-06
25	337	4.72e-04	-7.84e-04	0.02	1.62e-06	4.67e-04	2.54e-05
25	349	4.75e-04	-7.29e-04	0.03	2.34e-06	6.56e-04	2.33e-05
25	364	3.85e-04	9.25e-05	0.04	5.65e-06	9.13e-04	0.0
25	369	4.43e-04	-4.90e-04	0.02	2.97e-06	6.10e-04	1.68e-05
25	381	4.44e-04	-4.61e-04	0.03	3.34e-06	7.07e-04	1.57e-05
26	49	9.98e-04	6.27e-04	0.05	1.11e-06	1.23e-03	-2.16e-05
26	149	8.21e-04	6.92e-04	0.15	-2.23e-06	3.66e-03	-2.81e-05
26	187	8.25e-04	6.83e-04	0.15	-2.11e-06	3.67e-03	-2.74e-05
26	270	6.63e-04	4.36e-04	0.04	0.0	9.54e-04	-1.57e-05
26	289	6.66e-04	4.31e-04	0.04	0.0	9.55e-04	-1.52e-05
26	300	4.62e-04	3.50e-04	0.10	0.0	2.44e-03	-1.41e-05
26	311	5.77e-04	3.28e-04	0.03	1.24e-06	7.91e-04	-1.08e-05
26	313	4.77e-04	3.22e-04	0.08	0.0	2.00e-03	-1.22e-05
26	324	4.24e-04	2.17e-04	0.03	1.32e-06	7.44e-04	-6.85e-06
26	328	3.79e-04	-1.13e-04	0.04	0.0	1.03e-03	2.52e-06
26	329	4.69e-04	5.54e-04	0.02	3.49e-06	4.60e-04	-1.63e-05
26	338	4.77e-04	5.32e-04	0.02	2.92e-06	4.63e-04	-1.67e-05
26	360	4.02e-04	5.11e-05	0.04	0.0	8.90e-04	-2.09e-06
26	361	4.46e-04	3.86e-04	0.02	2.41e-06	5.98e-04	-1.16e-05
26	370	4.50e-04	3.75e-04	0.02	2.13e-06	5.99e-04	-1.18e-05
27	49	1.09e-03	-4.52e-04	0.05	-5.01e-06	1.35e-03	1.27e-05
27	149	1.05e-03	-2.12e-04	0.16	-8.06e-06	3.97e-03	2.49e-06
27	231	5.96e-04	-3.04e-04	0.03	-2.15e-06	6.26e-04	9.52e-06
27	270	7.34e-04	-2.87e-04	0.04	-3.53e-06	1.05e-03	7.35e-06
27	281	5.73e-04	-1.26e-04	0.10	-4.40e-06	2.57e-03	1.96e-06
27	311	6.00e-04	-2.79e-04	0.03	-2.42e-06	8.30e-04	8.38e-06
27	313	5.52e-04	-1.70e-04	0.08	-3.61e-06	2.10e-03	4.36e-06
27	316	5.70e-04	-3.01e-04	0.03	-1.95e-06	6.42e-04	9.84e-06
27	324	4.24e-04	-2.17e-04	0.03	-1.32e-06	7.44e-04	6.85e-06
27	329	4.77e-04	-5.32e-04	0.02	-2.92e-06	4.63e-04	1.67e-05
27	338	4.69e-04	-5.54e-04	0.02	-3.49e-06	4.60e-04	1.63e-05
27	339	3.80e-04	1.19e-04	0.04	0.0	1.03e-03	-2.58e-06
27	361	4.50e-04	-3.75e-04	0.02	-2.13e-06	5.99e-04	1.18e-05
27	367	4.02e-04	-5.11e-05	0.04	0.0	8.90e-04	2.09e-06
27	370	4.46e-04	-3.86e-04	0.02	-2.41e-06	5.98e-04	1.16e-05
28	149	1.16e-03	9.36e-04	0.17	-2.35e-05	4.29e-03	-3.71e-05
28	270	7.67e-04	5.77e-04	0.05	-9.17e-06	1.15e-03	-2.25e-05
28	281	6.20e-04	4.64e-04	0.11	-1.23e-05	2.72e-03	-1.88e-05
28	311	6.00e-04	3.45e-04	0.04	-5.44e-06	8.78e-04	-1.41e-05
28	313	5.72e-04	3.37e-04	0.09	-9.46e-06	2.22e-03	-1.42e-05
28	324	4.14e-04	1.96e-04	0.03	-4.33e-06	7.61e-04	-8.17e-06
28	330	4.72e-04	7.84e-04	0.02	-1.62e-06	4.67e-04	-2.54e-05
28	339	3.55e-04	-3.81e-04	0.04	-6.97e-06	1.06e-03	8.71e-06
28	354	4.75e-04	7.29e-04	0.03	-2.34e-06	6.56e-04	-2.33e-05
28	362	4.43e-04	4.90e-04	0.02	-2.97e-06	6.10e-04	-1.68e-05
28	371	3.85e-04	-9.25e-05	0.04	-5.65e-06	9.13e-04	0.0
28	386	4.44e-04	4.61e-04	0.03	-3.34e-06	7.07e-04	-1.57e-05
29	97	-9.94e-04	-3.38e-04	0.04	-3.41e-06	-1.08e-03	-1.60e-05
29	128	-4.80e-04	6.60e-04	0.12	-1.26e-05	-3.02e-03	1.78e-05
29	165	-6.56e-04	5.18e-04	0.13	-7.67e-06	-3.32e-03	1.27e-05
29	255	-6.20e-04	-3.28e-04	0.02	2.82e-06	-6.20e-04	-1.36e-05

29	270	-4.73e-04	4.22e-04	0.10	-6.95e-06	-2.45e-03	1.06e-05
29	289	-4.83e-04	3.81e-04	0.10	-5.95e-06	-2.46e-03	9.32e-06
29	311	-4.14e-04	1.88e-04	0.08	-2.05e-06	-1.98e-03	3.60e-06
29	322	-5.61e-04	-3.37e-04	0.03	3.33e-06	-6.68e-04	-1.36e-05
29	324	-4.14e-04	-1.96e-04	0.03	4.33e-06	-7.61e-04	-8.17e-06
29	326	-3.53e-04	3.94e-04	0.04	7.03e-06	-1.06e-03	8.97e-06
29	335	-4.74e-04	-7.97e-04	0.02	1.56e-06	-4.63e-04	-2.57e-05
29	343	-4.80e-04	-7.73e-04	0.03	2.13e-06	-6.42e-04	-2.42e-05
29	358	-3.85e-04	9.25e-05	0.04	5.65e-06	-9.13e-04	0.0
29	367	-4.43e-04	-4.90e-04	0.02	2.97e-06	-6.10e-04	-1.68e-05
29	375	-4.44e-04	-4.61e-04	0.03	3.34e-06	-7.07e-04	-1.57e-05
30	97	-1.07e-03	6.62e-04	0.05	1.47e-06	-1.18e-03	2.26e-05
30	105	-9.25e-04	7.13e-04	0.13	0.0	-3.13e-03	2.74e-05
30	165	-8.38e-04	6.82e-04	0.14	-3.20e-06	-3.58e-03	2.81e-05
30	265	-6.36e-04	3.42e-04	0.03	1.96e-06	-8.05e-04	1.13e-05
30	270	-6.14e-04	5.08e-04	0.11	-2.48e-06	-2.65e-03	2.12e-05
30	289	-6.17e-04	5.02e-04	0.11	-2.39e-06	-2.65e-03	2.07e-05
30	311	-4.98e-04	3.59e-04	0.08	-1.01e-06	-2.09e-03	1.43e-05
30	322	-5.64e-04	2.84e-04	0.03	2.17e-06	-6.51e-04	8.54e-06
30	324	-4.24e-04	2.17e-04	0.03	1.32e-06	-7.44e-04	6.85e-06
30	326	-3.80e-04	-1.20e-04	0.04	-1.13e-06	-1.03e-03	-2.41e-06
30	327	-4.69e-04	5.54e-04	0.02	3.76e-06	-4.58e-04	1.61e-05
30	336	-4.77e-04	5.32e-04	0.02	2.65e-06	-4.65e-04	1.68e-05
30	359	-4.46e-04	3.86e-04	0.02	2.41e-06	-5.98e-04	1.16e-05
30	362	-4.02e-04	5.11e-05	0.04	0.0	-8.90e-04	2.09e-06
30	368	-4.50e-04	3.75e-04	0.02	2.13e-06	-5.99e-04	1.18e-05
31	97	-1.15e-03	-4.88e-04	0.05	-5.35e-06	-1.31e-03	-1.39e-05
31	127	-1.06e-03	-2.18e-04	0.16	-7.44e-06	-3.90e-03	-2.81e-06
31	255	-6.40e-04	-3.27e-04	0.02	-2.36e-06	-5.97e-04	-1.03e-05
31	270	-7.83e-04	-1.61e-04	0.12	-5.47e-06	-2.89e-03	-2.14e-06
31	311	-5.95e-04	-1.62e-04	0.09	-3.65e-06	-2.24e-03	-3.79e-06
31	322	-5.61e-04	-2.96e-04	0.03	-1.90e-06	-6.48e-04	-9.72e-06
31	324	-4.24e-04	-2.17e-04	0.03	-1.32e-06	-7.44e-04	-6.85e-06
31	327	-4.78e-04	-5.29e-04	0.02	-2.69e-06	-4.65e-04	-1.68e-05
31	333	-3.81e-04	1.22e-04	0.04	1.08e-06	-1.03e-03	2.45e-06
31	336	-4.68e-04	-5.57e-04	0.02	-3.72e-06	-4.58e-04	-1.62e-05
31	359	-4.50e-04	-3.75e-04	0.02	-2.13e-06	-5.99e-04	-1.18e-05
31	368	-4.46e-04	-3.86e-04	0.02	-2.41e-06	-5.98e-04	-1.16e-05
31	369	-4.02e-04	-5.11e-05	0.04	0.0	-8.90e-04	-2.09e-06
32	105	-1.21e-03	9.37e-04	0.15	-1.89e-05	-3.67e-03	3.71e-05
32	127	-1.16e-03	8.83e-04	0.17	-2.49e-05	-4.21e-03	3.57e-05
32	270	-8.54e-04	6.39e-04	0.12	-1.82e-05	-3.12e-03	2.59e-05
32	311	-6.23e-04	3.63e-04	0.10	-1.26e-05	-2.39e-03	1.55e-05
32	324	-4.14e-04	1.96e-04	0.03	-4.33e-06	-7.61e-04	8.17e-06
32	328	-4.72e-04	7.92e-04	0.02	-1.55e-06	-4.63e-04	2.56e-05
32	333	-3.55e-04	-3.88e-04	0.04	-7.03e-06	-1.06e-03	-8.85e-06
32	348	-4.76e-04	7.54e-04	0.03	-2.11e-06	-6.43e-04	2.38e-05
32	360	-4.43e-04	4.90e-04	0.02	-2.97e-06	-6.10e-04	1.68e-05
32	365	-3.85e-04	-9.25e-05	0.04	-5.65e-06	-9.13e-04	0.0
32	380	-4.44e-04	4.61e-04	0.03	-3.34e-06	-7.07e-04	1.57e-05
33	49	0.01	-6.74e-04	-0.53	-2.99e-04	9.26e-04	-2.57e-05
33	128	9.95e-03	-2.16e-03	-0.45	-2.92e-04	7.84e-04	-2.77e-05
33	149	-1.87e-03	-8.65e-04	-1.47	-7.86e-04	2.62e-03	-8.96e-05
33	270	8.45e-03	-1.20e-03	-0.41	-2.38e-04	7.08e-04	-2.22e-05
33	281	-3.49e-03	1.31e-04	-0.93	-3.92e-04	1.66e-03	-5.17e-05
33	313	-1.35e-03	1.03e-03	-0.76	-3.01e-04	1.35e-03	-3.83e-05
33	316	7.40e-03	9.80e-04	-0.24	-3.49e-05	4.16e-04	-3.40e-06
33	324	3.64e-03	7.82e-04	-0.27	-4.80e-05	4.56e-04	-5.53e-06
33	335	-2.93e-03	2.27e-03	-0.36	-6.98e-05	6.09e-04	-4.52e-06
33	338	0.01	-1.45e-03	-0.18	-2.90e-05	3.04e-04	-8.45e-06
33	351	3.38e-04	6.18e-03	-0.29	-4.93e-05	4.93e-04	7.97e-06
33	370	7.04e-03	-3.34e-04	-0.22	-3.82e-05	3.78e-04	-6.97e-06
33	372	6.76e-04	3.69e-04	-0.31	-5.92e-05	5.37e-04	-8.21e-06
33	383	1.99e-03	3.46e-03	-0.28	-4.87e-05	4.75e-04	1.16e-06
34	132	-6.36e-04	-2.47e-03	-0.33	-1.43e-04	-5.68e-04	1.45e-05
34	149	-0.07	-1.45e-03	-1.48	-7.95e-04	-2.58e-03	8.64e-05
34	272	-1.35e-03	-1.35e-03	-0.32	-1.27e-04	-5.47e-04	1.26e-05
34	281	-0.05	-4.70e-04	-0.93	-3.98e-04	-1.64e-03	4.88e-05
34	313	-0.04	8.37e-04	-0.76	-3.05e-04	-1.33e-03	3.72e-05
34	316	4.22e-03	1.27e-03	-0.24	-3.12e-05	-4.15e-04	4.63e-06
34	324	-3.71e-03	7.86e-04	-0.27	-4.82e-05	-4.51e-04	5.48e-06
34	335	-0.02	2.66e-03	-0.36	-7.05e-05	-6.00e-04	6.16e-06
34	339	-0.02	3.68e-03	-0.36	-6.71e-05	-6.00e-04	4.74e-06
34	351	-8.72e-03	8.58e-03	-0.29	-4.87e-05	-4.89e-04	0.0
34	367	-0.01	2.06e-03	-0.31	-5.95e-05	-5.28e-04	5.61e-06
34	371	-0.01	2.23e-03	-0.31	-5.79e-05	-5.28e-04	5.13e-06
34	383	-6.24e-03	4.66e-03	-0.28	-4.85e-05	-4.70e-04	2.84e-06

35	49	0.01	-1.17e-03	-0.49	-2.66e-04	8.51e-04	-9.23e-06
35	149	-3.62e-03	-4.41e-03	-1.35	-6.92e-04	2.41e-03	-1.22e-05
35	150	-5.03e-03	-4.54e-03	-1.25	-6.81e-04	2.24e-03	-1.28e-05
35	231	8.03e-03	0.0	-0.23	-3.47e-06	4.06e-04	2.90e-06
35	281	-4.38e-03	-2.38e-03	-0.87	-3.19e-04	1.56e-03	0.0
35	313	-1.89e-03	-9.57e-04	-0.71	-2.39e-04	1.28e-03	2.80e-06
35	316	7.43e-03	6.83e-04	-0.24	-5.44e-06	4.11e-04	4.01e-06
35	324	3.65e-03	2.17e-04	-0.26	-1.42e-05	4.48e-04	2.25e-06
35	335	-2.69e-03	1.20e-03	-0.35	-2.30e-05	5.98e-04	3.80e-06
35	338	0.01	-1.50e-03	-0.17	-8.60e-06	2.98e-04	-1.18e-06
35	351	1.39e-03	5.43e-03	-0.29	-1.17e-05	4.90e-04	1.54e-05
35	370	6.86e-03	-6.38e-04	-0.21	-1.13e-05	3.70e-04	0.0
35	372	5.52e-04	-4.47e-04	-0.31	-1.84e-05	5.26e-04	0.0
35	383	2.51e-03	2.80e-03	-0.27	-1.29e-05	4.69e-04	8.79e-06
36	25	-0.07	-4.66e-03	-1.36	-6.95e-04	-2.38e-03	9.51e-06
36	149	-0.07	-5.03e-03	-1.36	-7.01e-04	-2.38e-03	9.97e-06
36	150	-0.07	-5.17e-03	-1.26	-6.89e-04	-2.21e-03	1.05e-05
36	219	-0.05	-2.76e-03	-0.87	-3.21e-04	-1.54e-03	-3.39e-06
36	281	-0.05	-3.01e-03	-0.87	-3.24e-04	-1.54e-03	-3.09e-06
36	313	-0.04	-1.17e-03	-0.72	-2.43e-04	-1.26e-03	-3.43e-06
36	324	-3.72e-03	2.18e-04	-0.26	-1.43e-05	-4.42e-04	-2.25e-06
36	335	-0.02	1.66e-03	-0.35	-2.32e-05	-5.90e-04	-2.31e-06
36	339	-0.02	2.68e-03	-0.35	-1.96e-05	-5.90e-04	-3.65e-06
36	351	-7.91e-03	7.85e-03	-0.29	-1.07e-05	-4.84e-04	-8.07e-06
36	367	-0.01	1.27e-03	-0.31	-1.87e-05	-5.18e-04	-2.43e-06
36	371	-0.01	1.44e-03	-0.31	-1.70e-05	-5.18e-04	-2.94e-06
36	383	-5.84e-03	4.01e-03	-0.27	-1.25e-05	-4.64e-04	-5.13e-06
37	49	0.01	-1.32e-03	-0.45	-2.49e-04	7.79e-04	-1.98e-05
37	149	-5.69e-03	-6.93e-03	-1.24	-6.72e-04	2.20e-03	-8.32e-05
37	187	-5.65e-03	-6.35e-03	-1.24	-6.63e-04	2.20e-03	-8.17e-05
37	231	7.89e-03	-1.27e-04	-0.23	2.01e-05	4.10e-04	-1.68e-06
37	281	-5.49e-03	-4.26e-03	-0.82	-2.93e-04	1.46e-03	-4.86e-05
37	300	-5.46e-03	-3.87e-03	-0.82	-2.87e-04	1.46e-03	-4.76e-05
37	313	-2.62e-03	-2.44e-03	-0.68	-2.14e-04	1.20e-03	-3.54e-05
37	316	7.40e-03	5.18e-04	-0.24	1.87e-05	4.14e-04	0.0
37	324	3.65e-03	-2.17e-04	-0.26	1.42e-05	4.48e-04	-2.25e-06
37	325	0.01	7.70e-04	-0.17	4.61e-06	2.98e-04	0.0
37	328	-2.75e-03	-1.20e-03	-0.35	2.37e-05	5.97e-04	-3.75e-06
37	356	1.39e-03	-5.43e-03	-0.29	1.17e-05	4.90e-04	-1.54e-05
37	361	6.86e-03	6.38e-04	-0.21	1.13e-05	3.70e-04	0.0
37	363	5.52e-04	4.47e-04	-0.31	1.84e-05	5.26e-04	0.0
37	388	2.51e-03	-2.80e-03	-0.27	1.29e-05	4.69e-04	-8.79e-06
38	25	-0.06	-7.19e-03	-1.24	-6.76e-04	-2.17e-03	8.06e-05
38	149	-0.06	-7.56e-03	-1.24	-6.80e-04	-2.17e-03	8.10e-05
38	187	-0.06	-6.81e-03	-1.24	-6.71e-04	-2.17e-03	8.02e-05
38	219	-0.05	-4.64e-03	-0.82	-2.96e-04	-1.44e-03	4.61e-05
38	281	-0.05	-4.89e-03	-0.82	-2.98e-04	-1.44e-03	4.63e-05
38	300	-0.05	-4.39e-03	-0.82	-2.92e-04	-1.44e-03	4.57e-05
38	313	-0.03	-2.66e-03	-0.68	-2.18e-04	-1.19e-03	3.48e-05
38	324	-3.72e-03	-2.18e-04	-0.26	1.43e-05	-4.42e-04	2.25e-06
38	328	-0.02	-1.66e-03	-0.35	2.37e-05	-5.90e-04	2.38e-06
38	356	-7.91e-03	-7.85e-03	-0.29	1.07e-05	-4.84e-04	8.07e-06
38	360	-0.01	-1.27e-03	-0.31	1.87e-05	-5.18e-04	2.43e-06
38	364	-0.01	-1.44e-03	-0.31	1.70e-05	-5.18e-04	2.94e-06
38	388	-5.84e-03	-4.01e-03	-0.27	1.25e-05	-4.64e-04	5.13e-06
39	49	0.01	-2.02e-03	-0.41	-1.95e-04	7.20e-04	-8.05e-06
39	149	-8.01e-03	-0.01	-1.14	-5.42e-04	2.01e-03	-2.60e-05
39	187	-7.86e-03	-0.01	-1.14	-5.30e-04	2.01e-03	-2.41e-05
39	231	7.81e-03	-4.13e-04	-0.24	4.92e-05	4.20e-04	6.18e-06
39	281	-6.79e-03	-6.82e-03	-0.78	-2.07e-04	1.37e-03	-7.04e-06
39	300	-6.70e-03	-6.44e-03	-0.78	-2.00e-04	1.38e-03	-5.81e-06
39	313	-3.47e-03	-4.46e-03	-0.65	-1.43e-04	1.14e-03	-2.17e-06
39	316	7.45e-03	2.03e-04	-0.24	4.83e-05	4.25e-04	7.36e-06
39	324	3.64e-03	-7.82e-04	-0.27	4.80e-05	4.56e-04	5.53e-06
39	328	-3.00e-03	-2.28e-03	-0.36	7.17e-05	6.09e-04	4.55e-06
39	329	0.01	1.45e-03	-0.18	2.90e-05	3.04e-04	8.45e-06
39	356	3.38e-04	-6.18e-03	-0.29	4.93e-05	4.93e-04	-7.97e-06
39	361	7.04e-03	3.34e-04	-0.22	3.82e-05	3.78e-04	6.97e-06
39	363	6.76e-04	-3.69e-04	-0.31	5.92e-05	5.37e-04	8.21e-06
39	388	1.99e-03	-3.46e-03	-0.28	4.87e-05	4.75e-04	-1.16e-06
40	149	-0.06	-0.01	-1.14	-5.50e-04	-1.98e-03	2.31e-05
40	187	-0.06	-0.01	-1.15	-5.38e-04	-1.99e-03	2.20e-05
40	281	-0.05	-7.43e-03	-0.78	-2.13e-04	-1.36e-03	4.24e-06
40	300	-0.05	-6.94e-03	-0.78	-2.05e-04	-1.36e-03	3.52e-06
40	313	-0.03	-4.67e-03	-0.65	-1.46e-04	-1.13e-03	1.25e-06
40	324	-3.71e-03	-7.86e-04	-0.27	4.82e-05	-4.51e-04	-5.48e-06
40	328	-0.02	-2.66e-03	-0.36	7.14e-05	-6.01e-04	-6.13e-06

40	332	-0.02	-3.68e-03	-0.36	6.71e-05	-6.00e-04	-4.74e-06
40	356	-8.72e-03	-8.58e-03	-0.29	4.87e-05	-4.89e-04	0.0
40	360	-0.01	-2.06e-03	-0.31	5.95e-05	-5.28e-04	-5.61e-06
40	364	-0.01	-2.23e-03	-0.31	5.79e-05	-5.28e-04	-5.13e-06
40	388	-6.24e-03	-4.66e-03	-0.28	4.85e-05	-4.70e-04	-2.84e-06
41	49	8.06e-03	-0.01	-1.15	-5.62e-04	2.00e-03	-2.67e-05
41	150	-0.06	-1.44e-03	-0.31	-2.28e-04	5.42e-04	-1.33e-05
41	231	5.34e-03	-8.74e-03	-0.78	-2.22e-04	1.37e-03	-7.38e-06
41	281	-0.04	-6.23e-04	-0.24	5.05e-05	4.19e-04	4.64e-06
41	313	-0.03	7.14e-04	-0.24	5.21e-05	4.27e-04	6.17e-06
41	316	6.88e-03	-5.61e-03	-0.65	-1.54e-04	1.14e-03	-3.17e-06
41	324	3.68e-03	-7.88e-04	-0.27	4.82e-05	5.49e-04	5.49e-06
41	325	0.03	2.43e-03	-0.22	4.14e-05	3.76e-04	8.49e-06
41	331	-0.02	2.91e-03	-0.31	6.20e-05	5.37e-04	1.06e-05
41	356	-4.58e-03	-0.01	-0.28	3.96e-05	4.69e-04	-9.25e-06
41	359	-7.42e-03	1.65e-04	-0.29	5.54e-05	4.97e-04	7.10e-06
41	361	0.02	1.49e-03	-0.25	4.48e-05	4.14e-04	7.41e-06
41	388	-4.78e-04	-7.74e-03	-0.27	4.38e-05	4.62e-04	-1.83e-06
42	49	-0.05	-0.01	-1.15	-5.62e-04	-1.99e-03	2.68e-05
42	187	-0.06	-1.35e-03	-0.42	-1.89e-04	-7.05e-04	7.05e-06
42	231	-0.03	-8.74e-03	-0.78	-2.21e-04	-1.36e-03	7.43e-06
42	300	-0.05	-3.32e-04	-0.24	5.46e-05	-4.07e-04	-7.15e-06
42	313	-0.03	4.69e-04	-0.25	4.89e-05	-4.17e-04	-7.25e-06
42	316	-0.02	-5.60e-03	-0.65	-1.54e-04	-1.13e-03	3.22e-06
42	324	-3.70e-03	-7.88e-04	-0.27	4.82e-05	-4.54e-04	-5.49e-06
42	331	-0.03	2.99e-03	-0.32	6.28e-05	-5.33e-04	-1.04e-05
42	356	-0.01	-0.01	-0.28	3.62e-05	-4.64e-04	8.97e-06
42	363	-0.02	1.09e-03	-0.29	5.57e-05	-4.94e-04	-7.95e-06
42	388	-7.02e-03	-7.79e-03	-0.27	4.22e-05	-4.59e-04	1.69e-06
43	49	0.01	-9.00e-03	-1.25	-6.92e-04	2.19e-03	-8.43e-05
43	150	-0.06	-1.03e-03	-0.34	-2.61e-04	6.12e-04	-2.11e-05
43	231	6.94e-03	-6.19e-03	-0.83	-3.07e-04	1.46e-03	-4.91e-05
43	281	-0.04	-3.45e-04	-0.23	2.13e-05	4.12e-04	-2.71e-06
43	313	-0.03	1.05e-03	-0.24	2.23e-05	4.18e-04	-1.38e-06
43	316	8.01e-03	-3.57e-03	-0.68	-2.26e-04	1.20e-03	-3.65e-05
43	324	3.69e-03	-2.19e-04	-0.26	1.43e-05	4.46e-04	-2.25e-06
43	325	0.03	2.86e-03	-0.22	1.40e-05	3.68e-04	0.0
43	327	-0.02	2.25e-03	-0.31	2.08e-05	5.25e-04	1.49e-06
43	356	-3.37e-03	-0.01	-0.27	3.65e-06	4.66e-04	-1.59e-05
43	361	0.01	1.99e-03	-0.24	1.43e-05	4.06e-04	0.0
43	363	-7.44e-03	1.69e-03	-0.29	1.78e-05	4.86e-04	0.0
43	388	1.26e-04	-7.14e-03	-0.27	8.86e-06	4.56e-04	-9.03e-06
44	49	-0.05	-8.99e-03	-1.25	-6.92e-04	-2.19e-03	8.43e-05
44	187	-0.06	-6.79e-04	-0.45	-2.46e-04	-7.60e-04	1.89e-05
44	231	-0.03	-6.18e-03	-0.83	-3.07e-04	-1.45e-03	4.92e-05
44	300	-0.05	-6.24e-05	-0.23	2.36e-05	-3.96e-04	0.0
44	313	-0.03	7.89e-04	-0.24	1.92e-05	-4.07e-04	0.0
44	316	-0.02	-3.56e-03	-0.68	-2.26e-04	-1.20e-03	3.65e-05
44	324	-3.71e-03	-2.19e-04	-0.26	1.43e-05	-4.46e-04	2.25e-06
44	328	-0.03	-3.49e-03	-0.31	1.48e-05	-5.18e-04	4.10e-06
44	331	-0.03	3.65e-03	-0.31	2.17e-05	-5.20e-04	-2.17e-06
44	356	-0.01	-0.01	-0.28	1.30e-06	-4.64e-04	1.54e-05
44	359	-0.02	8.10e-04	-0.29	1.76e-05	-4.84e-04	0.0
44	363	-0.02	1.70e-03	-0.29	1.81e-05	-4.84e-04	0.0
44	388	-7.47e-03	-7.19e-03	-0.27	7.71e-06	-4.55e-04	8.77e-06
45	49	0.01	-6.43e-03	-1.36	-7.12e-04	2.41e-03	-1.32e-05
45	50	0.01	-6.56e-03	-1.26	-7.01e-04	2.24e-03	-1.37e-05
45	188	-0.06	-2.16e-04	-0.39	-2.48e-04	6.87e-04	-1.04e-05
45	231	8.43e-03	-4.27e-03	-0.88	-3.32e-04	1.56e-03	0.0
45	300	-0.04	3.92e-04	-0.23	2.96e-06	4.12e-04	2.64e-06
45	313	-0.03	1.22e-03	-0.24	-2.10e-06	4.17e-04	3.18e-06
45	316	9.08e-03	-2.04e-03	-0.72	-2.52e-04	1.28e-03	1.69e-06
45	324	3.69e-03	2.19e-04	-0.26	-1.43e-05	4.46e-04	2.25e-06
45	336	-0.02	-2.25e-03	-0.31	-2.06e-05	5.25e-04	-1.53e-06
45	338	0.03	-4.22e-03	-0.22	-1.43e-05	3.68e-04	-1.44e-06
45	351	-3.37e-03	0.01	-0.27	-3.65e-06	4.66e-04	1.59e-05
45	370	0.01	-1.99e-03	-0.24	-1.43e-05	4.06e-04	0.0
45	372	-7.44e-03	-1.69e-03	-0.29	-1.78e-05	4.86e-04	0.0
45	383	1.26e-04	7.14e-03	-0.27	-8.86e-06	4.56e-04	9.03e-06
46	49	-0.05	-6.42e-03	-1.36	-7.12e-04	-2.40e-03	1.32e-05
46	50	-0.05	-6.55e-03	-1.26	-7.01e-04	-2.23e-03	1.37e-05
46	149	-0.07	-1.51e-03	-0.49	-2.74e-04	-8.32e-04	9.68e-06
46	231	-0.04	-4.27e-03	-0.88	-3.32e-04	-1.56e-03	0.0
46	281	-0.05	-5.97e-04	-0.23	-7.25e-06	-3.93e-04	-2.93e-06
46	313	-0.03	9.58e-04	-0.24	-5.24e-06	-4.04e-04	-4.00e-06
46	316	-0.03	-2.04e-03	-0.72	-2.52e-04	-1.28e-03	-1.66e-06
46	324	-3.71e-03	2.19e-04	-0.26	-1.43e-05	-4.46e-04	-2.25e-06

46	336	-0.03	-2.45e-03	-0.31	-2.01e-05	-5.19e-04	0.0
46	340	-0.03	-3.65e-03	-0.31	-2.17e-05	-5.20e-04	2.17e-06
46	351	-0.01	0.01	-0.28	-1.30e-06	-4.64e-04	-1.54e-05
46	368	-0.02	-8.10e-04	-0.29	-1.76e-05	-4.84e-04	0.0
46	372	-0.02	-1.70e-03	-0.29	-1.81e-05	-4.84e-04	0.0
46	383	-7.47e-03	7.19e-03	-0.27	-7.71e-06	-4.55e-04	-8.77e-06
47	49	0.02	-2.80e-03	-1.48	-8.04e-04	2.61e-03	-9.00e-05
47	52	9.64e-03	-3.41e-03	-1.02	-4.99e-04	1.81e-03	-6.08e-05
47	188	-0.06	-6.38e-05	-0.43	-2.60e-04	7.58e-04	-2.41e-05
47	231	9.61e-03	-1.69e-03	-0.94	-4.05e-04	1.66e-03	-5.18e-05
47	232	7.58e-03	-1.93e-03	-0.77	-3.17e-04	1.36e-03	-4.10e-05
47	300	-0.04	6.00e-04	-0.23	-2.57e-05	4.18e-04	-5.14e-06
47	313	-0.03	1.51e-03	-0.24	-3.16e-05	4.24e-04	-4.53e-06
47	316	9.90e-03	1.98e-05	-0.77	-3.14e-04	1.36e-03	-3.92e-05
47	324	3.68e-03	7.88e-04	-0.27	-4.82e-05	4.54e-04	-5.49e-06
47	338	0.03	-3.78e-03	-0.22	-4.15e-05	3.76e-04	-9.37e-06
47	340	-0.02	-2.91e-03	-0.31	-6.20e-05	5.37e-04	-1.06e-05
47	351	-4.58e-03	0.01	-0.28	-3.96e-05	4.69e-04	9.25e-06
47	368	-7.42e-03	-1.65e-04	-0.29	-5.54e-05	4.97e-04	-7.10e-06
47	370	0.02	-1.49e-03	-0.25	-4.48e-05	4.14e-04	-7.41e-06
47	383	-4.78e-04	7.74e-03	-0.27	-4.38e-05	4.62e-04	1.83e-06
48	49	-0.05	-2.79e-03	-1.48	-8.04e-04	-2.60e-03	9.00e-05
48	52	-0.04	-3.41e-03	-1.02	-4.99e-04	-1.80e-03	6.07e-05
48	149	-0.07	-1.05e-03	-0.54	-3.09e-04	-9.09e-04	2.63e-05
48	231	-0.04	-1.69e-03	-0.94	-4.05e-04	-1.66e-03	5.18e-05
48	232	-0.03	-1.93e-03	-0.77	-3.17e-04	-1.36e-03	4.10e-05
48	281	-0.05	-3.63e-04	-0.24	-3.79e-05	-3.99e-04	4.63e-06
48	313	-0.03	1.26e-03	-0.24	-3.48e-05	-4.09e-04	3.38e-06
48	316	-0.03	2.61e-05	-0.77	-3.15e-04	-1.35e-03	3.93e-05
48	319	0.01	1.48e-03	-0.24	-3.11e-05	-4.24e-04	4.27e-06
48	324	-3.70e-03	7.88e-04	-0.27	-4.82e-05	-4.54e-04	5.49e-06
48	340	-0.03	-2.99e-03	-0.32	-6.28e-05	-5.33e-04	1.04e-05
48	351	-0.01	0.01	-0.28	-3.62e-05	-4.64e-04	-8.97e-06
48	372	-0.02	-1.09e-03	-0.29	-5.57e-05	-4.94e-04	7.95e-06
48	383	-7.02e-03	7.79e-03	-0.27	-4.22e-05	-4.59e-04	-1.69e-06
49	50	-0.04	-6.10e-04	-0.43	-2.61e-04	7.58e-04	-2.42e-05
49	73	0.03	-2.81e-03	-1.48	-8.04e-04	2.61e-03	-9.00e-05
49	76	0.02	-3.41e-03	-1.02	-4.98e-04	1.80e-03	-6.06e-05
49	231	-0.03	2.45e-04	-0.23	-2.59e-05	4.18e-04	-5.11e-06
49	243	0.02	-1.69e-03	-0.94	-4.04e-04	1.66e-03	-5.18e-05
49	244	0.02	-1.93e-03	-0.77	-3.16e-04	1.36e-03	-4.09e-05
49	316	-0.02	1.48e-03	-0.24	-3.11e-05	4.25e-04	-4.27e-06
49	319	0.02	3.56e-05	-0.77	-3.15e-04	1.36e-03	-3.93e-05
49	321	0.02	1.36e-03	-0.25	-3.47e-05	4.16e-04	-3.35e-06
49	324	3.69e-03	7.88e-04	-0.27	-4.82e-05	4.54e-04	-5.49e-06
49	334	0.03	-2.14e-03	-0.26	-3.70e-05	4.44e-04	-8.26e-06
49	347	-6.67e-03	0.01	-0.28	-8.11e-05	4.72e-04	5.16e-06
49	351	-5.80e-03	0.01	-0.27	-5.72e-05	4.42e-04	2.13e-06
49	366	0.02	-5.86e-04	-0.27	-4.89e-05	4.53e-04	-6.82e-06
49	380	-8.10e-05	-3.64e-03	-0.27	-5.31e-05	4.59e-04	-1.07e-05
49	383	-1.10e-03	5.58e-03	-0.27	-5.27e-05	4.48e-04	-1.71e-06
50	49	-0.05	-5.45e-04	-0.54	-2.99e-04	-9.10e-04	2.54e-05
50	73	-0.04	-2.81e-03	-1.48	-8.04e-04	-2.61e-03	9.00e-05
50	76	-0.03	-3.41e-03	-1.02	-4.98e-04	-1.80e-03	6.06e-05
50	231	-0.03	-8.82e-06	-0.24	-3.06e-05	-4.00e-04	3.97e-06
50	243	-0.03	-1.69e-03	-0.94	-4.04e-04	-1.66e-03	5.18e-05
50	244	-0.02	-1.93e-03	-0.77	-3.16e-04	-1.36e-03	4.09e-05
50	316	-0.02	1.29e-03	-0.24	-3.46e-05	-4.13e-04	3.42e-06
50	319	-0.02	3.56e-05	-0.77	-3.15e-04	-1.36e-03	3.93e-05
50	321	0.02	1.56e-03	-0.24	-3.12e-05	-4.27e-04	4.22e-06
50	324	-3.69e-03	7.88e-04	-0.27	-4.82e-05	-4.54e-04	5.49e-06
50	335	-0.03	3.48e-03	-0.27	-5.52e-05	-4.44e-04	1.13e-06
50	341	2.45e-03	0.01	-0.28	-7.69e-05	-4.35e-04	-7.34e-06
50	345	2.58e-03	0.01	-0.28	-7.69e-05	-4.35e-04	-7.36e-06
50	372	-0.02	-5.86e-04	-0.27	-4.89e-05	-4.53e-04	6.82e-06
50	373	1.10e-03	5.58e-03	-0.27	-5.27e-05	-4.48e-04	1.71e-06
50	386	8.10e-05	-3.64e-03	-0.27	-5.31e-05	-4.59e-04	1.07e-05
51	50	-0.04	-7.75e-04	-0.39	-2.49e-04	6.85e-04	-1.05e-05
51	73	0.03	-6.43e-03	-1.36	-7.12e-04	2.40e-03	-1.32e-05
51	74	0.03	-6.56e-03	-1.26	-7.01e-04	2.23e-03	-1.37e-05
51	231	-0.03	2.68e-05	-0.23	2.58e-06	4.11e-04	2.71e-06
51	243	0.02	-4.26e-03	-0.88	-3.32e-04	1.56e-03	0.0
51	319	0.02	-2.04e-03	-0.72	-2.52e-04	1.28e-03	1.64e-06
51	321	0.02	1.02e-03	-0.24	-4.44e-06	4.12e-04	4.03e-06
51	324	3.70e-03	2.19e-04	-0.26	-1.43e-05	4.46e-04	2.25e-06
51	334	0.03	-2.64e-03	-0.26	-4.37e-06	4.43e-04	0.0
51	345	0.01	9.62e-03	-0.27	-4.59e-05	4.39e-04	1.20e-05

51	351	-5.33e-03	9.81e-03	-0.26	-6.58e-06	4.43e-04	9.12e-06
51	366	0.02	-1.13e-03	-0.26	-1.54e-05	4.44e-04	0.0
51	383	-8.62e-04	4.99e-03	-0.26	-1.04e-05	4.44e-04	5.66e-06
52	49	-0.05	-1.01e-03	-0.49	-2.67e-04	-8.35e-04	9.01e-06
52	73	-0.04	-6.43e-03	-1.36	-7.12e-04	-2.40e-03	1.32e-05
52	74	-0.04	-6.56e-03	-1.26	-7.01e-04	-2.23e-03	1.37e-05
52	231	-0.03	-2.46e-04	-0.23	-2.00e-06	-3.97e-04	-3.41e-06
52	243	-0.03	-4.26e-03	-0.88	-3.32e-04	-1.56e-03	0.0
52	316	-0.02	9.71e-04	-0.24	-4.62e-06	-4.09e-04	-3.97e-06
52	319	-0.02	-2.04e-03	-0.72	-2.52e-04	-1.28e-03	-1.64e-06
52	324	-3.70e-03	2.19e-04	-0.26	-1.43e-05	-4.46e-04	-2.25e-06
52	335	-0.03	2.96e-03	-0.26	-2.22e-05	-4.39e-04	-6.24e-06
52	341	4.17e-03	9.50e-03	-0.26	-4.20e-05	-4.40e-04	-1.50e-05
52	347	-0.01	9.47e-03	-0.27	-4.18e-05	-4.37e-04	-1.51e-05
52	372	-0.02	-1.13e-03	-0.26	-1.54e-05	-4.44e-04	0.0
52	373	8.62e-04	4.99e-03	-0.26	-1.04e-05	-4.44e-04	-5.66e-06
53	50	-0.04	-6.49e-04	-0.35	-2.55e-04	6.11e-04	-2.00e-05
53	73	0.02	-8.98e-03	-1.25	-6.93e-04	2.19e-03	-8.43e-05
53	231	-0.03	-8.94e-05	-0.23	2.61e-05	4.11e-04	-1.86e-06
53	243	0.02	-6.16e-03	-0.83	-3.07e-04	1.45e-03	-4.91e-05
53	319	0.02	-3.58e-03	-0.68	-2.26e-04	1.20e-03	-3.65e-05
53	321	0.02	8.05e-04	-0.24	2.07e-05	4.15e-04	0.0
53	324	3.70e-03	-2.19e-04	-0.26	1.43e-05	4.46e-04	-2.25e-06
53	325	0.03	2.64e-03	-0.26	4.22e-06	4.43e-04	0.0
53	342	0.01	-9.63e-03	-0.27	4.64e-05	4.39e-04	-1.19e-05
53	356	-5.33e-03	-9.81e-03	-0.26	6.58e-06	4.43e-04	-9.12e-06
53	357	0.02	1.13e-03	-0.26	1.54e-05	4.44e-04	0.0
53	388	-8.62e-04	-4.99e-03	-0.26	1.04e-05	4.44e-04	-5.66e-06
54	49	-0.05	-1.15e-03	-0.45	-2.49e-04	-7.64e-04	1.96e-05
54	73	-0.03	-8.98e-03	-1.25	-6.93e-04	-2.19e-03	8.43e-05
54	231	-0.03	-3.60e-04	-0.24	2.15e-05	-4.00e-04	1.19e-06
54	243	-0.02	-6.16e-03	-0.83	-3.07e-04	-1.45e-03	4.91e-05
54	316	-0.02	7.76e-04	-0.24	2.02e-05	-4.12e-04	0.0
54	319	-0.02	-3.58e-03	-0.68	-2.26e-04	-1.20e-03	3.65e-05
54	324	-3.70e-03	-2.19e-04	-0.26	1.43e-05	-4.46e-04	2.25e-06
54	328	-0.03	-2.96e-03	-0.26	2.21e-05	-4.39e-04	6.19e-06
54	344	-0.01	-9.48e-03	-0.27	4.15e-05	-4.37e-04	1.50e-05
54	346	3.82e-03	-9.50e-03	-0.26	4.17e-05	-4.40e-04	1.48e-05
54	363	-0.02	1.13e-03	-0.26	1.54e-05	-4.44e-04	0.0
54	378	8.62e-04	-4.99e-03	-0.26	1.04e-05	-4.44e-04	5.66e-06
55	50	-0.04	-1.08e-03	-0.31	-2.22e-04	5.42e-04	-1.22e-05
55	73	0.02	-0.01	-1.15	-5.63e-04	2.00e-03	-2.68e-05
55	231	-0.03	-3.87e-04	-0.24	5.52e-05	4.19e-04	5.51e-06
55	243	0.02	-8.71e-03	-0.78	-2.21e-04	1.37e-03	-7.37e-06
55	319	0.02	-5.63e-03	-0.65	-1.54e-04	1.14e-03	-3.22e-06
55	321	0.02	4.38e-04	-0.25	5.12e-05	7.36e-04	7.36e-06
55	324	3.69e-03	-7.88e-04	-0.27	4.82e-05	4.54e-04	5.49e-06
55	325	0.03	2.14e-03	-0.26	3.67e-05	4.45e-04	8.22e-06
55	344	-6.96e-03	-0.01	-0.28	8.22e-05	4.72e-04	-5.03e-06
55	356	-5.80e-03	-0.01	-0.27	5.72e-05	4.42e-04	-2.13e-06
55	357	0.02	5.86e-04	-0.27	4.89e-05	4.53e-04	6.82e-06
55	375	-8.10e-05	3.64e-03	-0.27	5.31e-05	4.59e-04	1.07e-05
55	388	-1.10e-03	-5.58e-03	-0.27	5.27e-05	4.48e-04	1.71e-06
56	49	-0.05	-1.83e-03	-0.41	-1.96e-04	-7.05e-04	7.93e-06
56	73	-0.03	-0.01	-1.15	-5.63e-04	-1.99e-03	2.68e-05
56	231	-0.03	-6.36e-04	-0.24	5.05e-05	-4.10e-04	-6.61e-06
56	243	-0.02	-8.71e-03	-0.78	-2.21e-04	-1.36e-03	7.37e-06
56	316	-0.02	4.30e-04	-0.25	5.04e-05	-4.23e-04	-7.26e-06
56	319	-0.02	-5.63e-03	-0.65	-1.54e-04	-1.14e-03	3.22e-06
56	324	-3.69e-03	-7.88e-04	-0.27	4.82e-05	-4.54e-04	-5.49e-06
56	328	-0.03	-3.49e-03	-0.27	5.50e-05	-4.44e-04	-1.19e-06
56	342	2.18e-03	-0.01	-0.28	7.62e-05	-4.35e-04	7.15e-06
56	346	2.06e-03	-0.01	-0.28	7.62e-05	-4.35e-04	7.13e-06
56	363	-0.02	5.86e-04	-0.27	4.89e-05	-4.53e-04	-6.82e-06
56	378	1.10e-03	-5.58e-03	-0.27	5.27e-05	-4.48e-04	-1.71e-06
56	381	8.10e-05	3.64e-03	-0.27	5.31e-05	-4.59e-04	-1.07e-05
57	89	0.03	-0.01	-1.10	-5.43e-04	1.68e-03	-2.78e-05
57	105	0.05	-1.72e-03	-0.41	-1.97e-04	7.00e-04	-7.83e-06
57	251	0.02	-8.86e-03	-0.75	-2.07e-04	1.13e-03	-8.13e-06
57	289	0.04	-1.11e-03	-0.30	-1.45e-04	5.18e-04	-5.81e-06
57	321	0.02	-5.74e-03	-0.63	-1.42e-04	9.64e-04	-3.72e-06
57	323	0.03	4.69e-04	-0.25	5.01e-05	4.22e-04	7.35e-06
57	324	3.70e-03	-7.88e-04	-0.27	4.82e-05	4.54e-04	5.49e-06
57	325	0.03	6.68e-03	-0.32	8.80e-05	5.42e-04	1.35e-05
57	346	8.84e-03	-0.03	-0.25	-4.79e-05	4.33e-04	-1.93e-05
57	357	0.02	1.09e-03	-0.29	5.57e-05	4.94e-04	7.95e-06
57	378	7.02e-03	-7.79e-03	-0.27	4.22e-05	4.59e-04	-1.69e-06

58	97	-8.53e-03	-0.01	-1.09	-5.43e-04	-1.68e-03	2.77e-05
58	106	0.05	-8.81e-04	-0.31	-2.23e-04	-5.37e-04	1.25e-05
58	255	-5.11e-03	-8.85e-03	-0.74	-2.07e-04	-1.13e-03	8.09e-06
58	259	0.03	-2.53e-04	-0.24	5.34e-05	-4.16e-04	-5.22e-06
58	322	-2.98e-03	-5.74e-03	-0.63	-1.42e-04	-9.66e-04	3.68e-06
58	323	0.03	7.06e-04	-0.25	5.35e-05	-4.30e-04	-6.31e-06
58	324	-3.68e-03	-7.88e-04	-0.27	4.82e-05	-4.54e-04	-5.49e-06
58	325	0.02	5.15e-03	-0.32	8.51e-05	-5.49e-04	-1.66e-05
58	327	-0.03	6.02e-03	-0.23	6.46e-05	-3.88e-04	-1.53e-05
58	346	6.39e-03	-0.02	-0.26	-3.75e-05	-4.29e-04	2.92e-05
58	359	-0.02	1.49e-03	-0.25	4.48e-05	-4.14e-04	-7.41e-06
58	361	7.42e-03	1.65e-04	-0.29	5.54e-05	-4.97e-04	-7.10e-06
58	378	4.78e-04	-7.74e-03	-0.27	4.38e-05	-4.62e-04	1.83e-06
59	89	0.03	-8.49e-03	-1.19	-7.00e-04	1.83e-03	-5.42e-05
59	105	0.05	-1.07e-03	-0.45	-2.50e-04	7.60e-04	-1.95e-05
59	251	0.02	-5.81e-03	-0.79	-3.12e-04	1.19e-03	-2.68e-05
59	289	0.04	-6.29e-04	-0.33	-1.86e-04	5.62e-04	-1.45e-05
59	311	0.03	4.49e-04	-0.28	-6.52e-05	4.77e-04	-6.24e-06
59	321	0.02	-3.30e-03	-0.66	-2.30e-04	1.01e-03	-1.98e-05
59	324	3.71e-03	-2.19e-04	-0.26	1.43e-05	4.46e-04	-2.25e-06
59	325	0.03	7.37e-03	-0.31	4.67e-05	5.24e-04	5.38e-06
59	346	0.01	-0.03	-0.26	-8.22e-05	4.48e-04	-2.61e-05
59	357	0.02	1.70e-03	-0.29	1.81e-05	4.84e-04	0.0
59	361	0.02	8.10e-04	-0.29	1.76e-05	4.84e-04	0.0
59	378	7.47e-03	-7.19e-03	-0.27	7.71e-06	4.55e-04	-8.77e-06
60	97	-0.01	-8.49e-03	-1.19	-7.00e-04	-1.83e-03	5.41e-05
60	106	0.05	-4.83e-04	-0.34	-2.56e-04	-6.07e-04	2.03e-05
60	255	-6.06e-03	-5.81e-03	-0.79	-3.12e-04	-1.19e-03	2.68e-05
60	259	0.03	2.05e-05	-0.23	2.47e-05	-4.09e-04	2.14e-06
60	322	-3.63e-03	-3.30e-03	-0.66	-2.30e-04	-1.01e-03	1.98e-05
60	323	0.03	1.07e-03	-0.24	2.33e-05	-4.21e-04	1.24e-06
60	324	-3.69e-03	-2.19e-04	-0.26	1.43e-05	-4.46e-04	2.25e-06
60	325	0.02	5.87e-03	-0.31	4.42e-05	-5.30e-04	-8.06e-06
60	327	-0.03	6.48e-03	-0.22	3.74e-05	-3.74e-04	-7.21e-06
60	346	3.86e-03	-0.02	-0.26	-7.32e-05	-4.47e-04	3.51e-05
60	357	7.44e-03	1.69e-03	-0.29	1.78e-05	-4.86e-04	0.0
60	359	-0.01	1.99e-03	-0.24	1.43e-05	-4.06e-04	0.0
60	378	-1.26e-04	-7.14e-03	-0.27	8.86e-06	-4.56e-04	9.03e-06
61	89	0.03	-6.47e-03	-1.31	-6.72e-04	2.00e-03	-2.41e-05
61	90	0.03	-6.60e-03	-1.21	-6.60e-04	1.83e-03	-2.46e-05
61	105	0.05	-9.72e-04	-0.49	-2.67e-04	8.31e-04	-8.87e-06
61	251	0.02	-4.30e-03	-0.84	-3.02e-04	1.26e-03	-7.82e-06
61	270	0.04	-1.20e-03	-0.36	-2.04e-04	6.16e-04	-7.47e-06
61	311	0.03	6.40e-04	-0.29	-8.53e-05	4.97e-04	0.0
61	321	0.02	-2.04e-03	-0.70	-2.30e-04	1.06e-03	-4.41e-06
61	324	3.71e-03	2.19e-04	-0.26	-1.43e-05	4.46e-04	2.25e-06
61	334	0.03	-7.46e-03	-0.31	-4.76e-05	5.22e-04	-5.48e-06
61	341	0.01	0.03	-0.27	8.49e-05	4.57e-04	2.64e-05
61	366	0.02	-1.70e-03	-0.29	-1.81e-05	4.84e-04	0.0
61	370	0.02	-8.10e-04	-0.29	-1.76e-05	4.84e-04	0.0
61	373	7.47e-03	7.19e-03	-0.27	-7.71e-06	4.55e-04	8.77e-06
62	97	-0.01	-6.48e-03	-1.31	-6.71e-04	-2.00e-03	2.41e-05
62	98	-0.01	-6.61e-03	-1.21	-6.60e-04	-1.83e-03	2.46e-05
62	106	0.05	-6.44e-04	-0.39	-2.50e-04	-6.81e-04	1.08e-05
62	255	-6.88e-03	-4.31e-03	-0.84	-3.02e-04	-1.26e-03	7.81e-06
62	259	0.03	1.14e-04	-0.23	1.57e-06	-4.08e-04	-2.44e-06
62	322	-4.19e-03	-2.05e-03	-0.69	-2.29e-04	-1.06e-03	4.37e-06
62	323	0.03	1.27e-03	-0.24	-1.54e-06	-4.20e-04	-3.32e-06
62	324	-3.69e-03	2.19e-04	-0.26	-1.43e-05	-4.46e-04	-2.25e-06
62	334	0.02	-5.88e-03	-0.31	-4.44e-05	-5.27e-04	7.99e-06
62	336	-0.03	-6.49e-03	-0.22	-3.76e-05	-3.71e-04	7.15e-06
62	341	3.97e-03	0.02	-0.27	7.39e-05	-4.58e-04	-3.49e-05
62	366	7.44e-03	-1.69e-03	-0.29	-1.78e-05	-4.86e-04	0.0
62	368	-0.01	-1.99e-03	-0.24	-1.43e-05	-4.06e-04	0.0
62	373	-1.26e-04	7.14e-03	-0.27	-8.86e-06	-4.56e-04	-9.03e-06
63	89	0.03	-2.04e-03	-1.42	-7.90e-04	2.17e-03	-6.41e-05
63	100	0.03	-3.51e-03	-0.88	-4.16e-04	1.65e-03	-4.88e-05
63	105	0.05	-5.39e-04	-0.53	-2.99e-04	9.05e-04	-2.53e-05
63	251	0.02	-1.13e-03	-0.89	-3.94e-04	1.33e-03	-3.27e-05
63	256	0.02	-2.00e-03	-0.67	-2.55e-04	1.25e-03	-3.21e-05
63	270	0.04	-8.62e-04	-0.40	-2.29e-04	6.73e-04	-1.98e-05
63	311	0.03	1.01e-03	-0.31	-1.13e-04	5.23e-04	-9.68e-06
63	319	-0.01	1.48e-03	-0.24	-3.11e-05	4.24e-04	-4.27e-06
63	321	0.02	4.99e-04	-0.74	-3.08e-04	1.11e-03	-2.49e-05
63	324	3.70e-03	7.88e-04	-0.27	-4.82e-05	4.54e-04	-5.49e-06
63	334	0.03	-6.88e-03	-0.32	-8.95e-05	5.39e-04	-1.37e-05
63	341	9.02e-03	0.03	-0.26	5.29e-05	4.43e-04	2.00e-05

63	366	0.02	-1.09e-03	-0.29	-5.57e-05	4.94e-04	-7.95e-06
63	373	7.02e-03	7.79e-03	-0.27	-4.22e-05	4.59e-04	1.69e-06
64	92	-0.02	-3.50e-03	-0.88	-4.16e-04	-1.66e-03	4.88e-05
64	97	-0.01	-2.07e-03	-1.42	-7.89e-04	-2.17e-03	6.40e-05
64	106	0.04	-5.12e-04	-0.43	-2.61e-04	-7.53e-04	2.44e-05
64	252	-0.01	-1.99e-03	-0.67	-2.55e-04	-1.25e-03	3.21e-05
64	255	-7.55e-03	-1.14e-03	-0.89	-3.94e-04	-1.34e-03	3.26e-05
64	259	0.03	3.11e-04	-0.23	-2.66e-05	-4.15e-04	5.36e-06
64	322	-4.63e-03	4.86e-04	-0.74	-3.07e-04	-1.12e-03	2.49e-05
64	323	0.03	1.58e-03	-0.24	-3.15e-05	-4.26e-04	4.40e-06
64	324	-3.68e-03	7.88e-04	-0.27	-4.82e-05	-4.54e-04	5.49e-06
64	334	0.02	-5.16e-03	-0.32	-8.54e-05	-5.45e-04	1.64e-05
64	336	-0.03	-6.03e-03	-0.23	-6.49e-05	-3.85e-04	1.51e-05
64	341	6.54e-03	0.02	-0.26	3.84e-05	-4.41e-04	-2.85e-05
64	368	-0.02	-1.49e-03	-0.25	-4.48e-05	-4.14e-04	7.41e-06
64	370	7.42e-03	-1.65e-04	-0.29	-5.54e-05	-4.97e-04	7.10e-06
64	373	4.78e-04	7.74e-03	-0.27	-4.38e-05	-4.62e-04	-1.83e-06
65	105	0.05	-8.65e-04	-1.41	-7.74e-04	2.14e-03	-6.08e-05
65	127	0.06	-1.58e-03	-1.28	-6.82e-04	2.37e-03	-7.02e-05
65	152	-4.47e-03	-2.74e-03	-0.31	-1.39e-04	5.45e-04	-1.44e-05
65	270	0.05	-1.01e-03	-0.95	-5.03e-04	1.76e-03	-5.18e-05
65	282	-3.04e-03	-1.35e-03	-0.24	-4.91e-05	4.24e-04	-6.48e-06
65	311	0.04	7.04e-04	-0.73	-3.19e-04	1.34e-03	-3.42e-05
65	322	-3.77e-03	1.33e-03	-0.24	-3.12e-05	4.17e-04	-4.59e-06
65	323	0.03	1.08e-03	-0.73	-3.00e-04	1.10e-03	-2.34e-05
65	324	3.71e-03	7.86e-04	-0.27	-4.82e-05	4.51e-04	-5.48e-06
65	333	0.02	3.84e-03	-0.36	-7.60e-05	5.97e-04	-8.65e-06
65	341	9.46e-03	9.11e-03	-0.30	-7.85e-05	4.79e-04	-1.32e-05
65	365	0.01	2.23e-03	-0.31	-5.79e-05	5.28e-04	-5.13e-06
65	369	0.01	2.06e-03	-0.31	-5.95e-05	5.28e-04	-5.61e-06
65	373	6.24e-03	4.66e-03	-0.28	-4.85e-05	4.70e-04	-2.84e-06
66	97	-0.02	-8.06e-04	-0.52	-2.95e-04	-9.09e-04	2.55e-05
66	127	7.96e-03	-1.49e-04	-1.40	-7.68e-04	-2.17e-03	6.35e-05
66	150	-0.01	-2.44e-03	-0.43	-2.87e-04	-7.58e-04	2.76e-05
66	255	-9.25e-03	1.71e-04	-0.23	-2.99e-05	-4.00e-04	4.38e-06
66	270	6.02e-03	7.57e-06	-1.04	-5.67e-04	-1.60e-03	4.67e-05
66	282	-7.33e-03	-9.20e-04	-0.24	-4.86e-05	-4.27e-04	8.53e-06
66	311	5.07e-03	1.29e-03	-0.79	-3.68e-04	-1.22e-03	2.95e-05
66	322	-7.17e-03	1.03e-03	-0.24	-3.50e-05	-4.18e-04	3.32e-06
66	324	-3.64e-03	7.82e-04	-0.27	-4.80e-05	-4.56e-04	5.53e-06
66	333	3.14e-03	3.19e-03	-0.36	-7.69e-05	-6.06e-04	1.84e-06
66	336	-0.01	-1.63e-03	-0.17	-1.91e-05	-3.06e-04	9.21e-06
66	341	-2.24e-04	6.79e-03	-0.30	-8.21e-05	-4.86e-04	-1.05e-05
66	366	-6.76e-04	3.69e-04	-0.31	-5.92e-05	-5.37e-04	8.21e-06
66	368	-7.04e-03	-3.34e-04	-0.22	-3.82e-05	-3.78e-04	6.97e-06
66	373	-1.99e-03	3.46e-03	-0.28	-4.87e-05	-4.75e-04	-1.16e-06
67	7	0.06	-3.56e-03	-1.18	-6.09e-04	2.19e-03	-2.44e-05
67	105	0.05	-5.17e-03	-1.30	-6.58e-04	1.97e-03	-2.13e-05
67	106	0.05	-5.30e-03	-1.20	-6.47e-04	1.80e-03	-2.18e-05
67	210	0.05	-2.50e-03	-0.87	-4.51e-04	1.62e-03	-1.80e-05
67	259	0.03	-3.14e-03	-0.83	-2.93e-04	1.24e-03	-5.35e-06
67	270	0.05	-2.75e-03	-0.87	-4.54e-04	1.62e-03	-1.83e-05
67	311	0.04	-7.44e-04	-0.68	-2.73e-04	1.25e-03	-9.03e-06
67	323	0.03	-1.42e-03	-0.69	-2.23e-04	1.05e-03	-3.14e-06
67	324	3.72e-03	2.18e-04	-0.26	-1.43e-05	4.42e-04	2.25e-06
67	333	0.02	2.84e-03	-0.35	-2.84e-05	5.88e-04	0.0
67	341	8.27e-03	8.41e-03	-0.29	-4.02e-05	4.80e-04	-5.02e-06
67	365	0.01	1.44e-03	-0.31	-1.70e-05	5.18e-04	2.94e-06
67	369	0.01	1.27e-03	-0.31	-1.87e-05	5.18e-04	2.43e-06
67	373	5.84e-03	4.01e-03	-0.27	-1.25e-05	4.64e-04	5.13e-06
68	97	-0.01	-1.18e-03	-0.48	-2.65e-04	-8.35e-04	9.08e-06
68	127	9.02e-03	-4.40e-03	-1.29	-6.50e-04	-2.00e-03	2.30e-05
68	128	0.01	-4.53e-03	-1.19	-6.38e-04	-1.83e-03	2.36e-05
68	255	-9.14e-03	-3.55e-06	-0.22	-2.48e-06	-3.96e-04	-3.01e-06
68	270	6.78e-03	-3.14e-03	-0.95	-4.80e-04	-1.48e-03	1.68e-05
68	311	5.37e-03	-1.21e-03	-0.74	-2.93e-04	-1.15e-03	7.02e-06
68	322	-7.20e-03	7.19e-04	-0.24	-5.29e-06	-4.14e-04	-4.08e-06
68	324	-3.65e-03	2.17e-04	-0.26	-1.42e-05	-4.48e-04	-2.25e-06
68	333	2.77e-03	2.12e-03	-0.35	-2.94e-05	-5.97e-04	-6.24e-06
68	336	-0.01	-1.68e-03	-0.17	1.06e-06	-2.98e-04	1.73e-06
68	341	-1.29e-03	6.04e-03	-0.29	-4.38e-05	-4.87e-04	-1.73e-05
68	366	-5.52e-04	-4.47e-04	-0.31	-1.84e-05	-5.26e-04	0.0
68	368	-6.86e-03	-6.38e-04	-0.21	-1.13e-05	-3.70e-04	0.0
68	373	-2.51e-03	2.80e-03	-0.27	-1.29e-05	-4.69e-04	-8.79e-06
69	97	-0.01	-6.15e-04	-7.42e-03	-2.05e-06	-9.38e-05	1.12e-05
69	141	-3.44e-03	-1.45e-03	-3.94e-03	2.26e-06	-1.38e-05	0.0
69	165	0.04	1.17e-04	-6.33e-03	-2.60e-06	1.84e-04	-6.82e-06

69	282	-7.65e-03	-9.70e-04	-2.91e-03	1.51e-06	-3.06e-05	0.0
69	289	0.03	1.46e-04	-4.68e-03	-2.02e-06	1.37e-04	-5.08e-06
69	310	1.08e-05	-6.33e-04	-2.91e-03	1.00e-06	0.0	0.0
69	311	0.02	3.60e-04	-3.90e-03	-1.44e-06	1.08e-04	-3.94e-06
69	322	-6.87e-03	-9.20e-05	-4.13e-03	0.0	-4.67e-05	6.12e-06
69	324	1.08e-05	0.0	-2.91e-03	0.0	0.0	0.0
69	326	0.01	-1.49e-03	-3.30e-03	2.36e-06	5.14e-05	5.72e-06
69	344	-3.74e-03	-5.48e-03	-2.84e-03	8.70e-06	-1.39e-05	1.71e-05
69	362	6.93e-03	-4.38e-04	-3.10e-03	0.0	2.59e-05	0.0
69	376	-2.06e-03	-2.50e-03	-2.85e-03	3.89e-06	-7.72e-06	4.64e-06
70	33	-9.76e-03	-1.17e-04	-8.38e-03	-3.33e-06	-8.86e-05	2.29e-06
70	121	-2.45e-03	-1.45e-03	-3.94e-03	2.26e-06	-9.80e-06	0.0
70	149	-0.05	-3.70e-04	-6.87e-03	-2.18e-06	-2.34e-04	9.42e-06
70	223	-7.04e-03	-3.86e-04	-5.25e-03	0.0	-6.49e-05	1.49e-06
70	267	-1.63e-03	-9.68e-04	-2.91e-03	1.51e-06	-6.50e-06	0.0
70	281	-0.04	-5.60e-04	-4.13e-03	0.0	-1.72e-04	6.78e-06
70	310	-1.08e-05	-6.33e-04	-2.91e-03	1.00e-06	0.0	0.0
70	313	-0.03	1.48e-04	-3.83e-03	0.0	-1.24e-04	5.41e-06
70	314	-4.07e-03	1.85e-04	-4.66e-03	-1.20e-06	-4.38e-05	1.39e-06
70	324	-1.08e-05	0.0	-2.91e-03	0.0	0.0	0.0
70	326	0.01	-1.09e-03	-3.30e-03	1.75e-06	5.07e-05	-1.20e-06
70	328	-0.01	-7.97e-04	-2.54e-03	1.30e-06	-5.13e-05	-2.25e-06
70	350	4.09e-03	-5.03e-03	-3.03e-03	7.83e-06	1.53e-05	-9.35e-06
70	362	6.90e-03	-8.16e-04	-3.10e-03	1.27e-06	2.58e-05	-1.15e-06
70	364	-6.93e-03	-6.71e-04	-2.72e-03	1.04e-06	-2.59e-05	-1.68e-06
70	382	2.06e-03	-2.50e-03	-2.97e-03	3.89e-06	7.72e-06	-4.64e-06
71	49	-0.04	-5.48e-04	-6.88e-03	-1.87e-06	-1.86e-04	1.08e-05
71	57	-9.88e-03	-1.67e-04	-8.38e-03	-3.25e-06	-8.91e-05	2.56e-06
71	121	-3.62e-03	-1.56e-03	-3.94e-03	2.44e-06	-1.45e-05	0.0
71	231	-0.03	-7.35e-04	-4.13e-03	0.0	-1.37e-04	8.01e-06
71	235	-7.04e-03	-4.52e-04	-5.25e-03	0.0	-6.49e-05	1.90e-06
71	267	-2.40e-03	-1.04e-03	-2.91e-03	1.62e-06	-9.62e-06	0.0
71	310	-3.35e-06	-6.81e-04	-2.91e-03	1.08e-06	0.0	0.0
71	316	-0.02	-4.07e-05	-3.83e-03	0.0	-9.53e-05	6.00e-06
71	317	-3.48e-03	1.71e-04	-4.66e-03	-1.18e-06	-4.14e-05	1.42e-06
71	324	-3.35e-06	0.0	-2.91e-03	0.0	0.0	0.0
71	327	-0.02	1.26e-03	-3.05e-03	-2.09e-06	-7.96e-05	0.0
71	328	-0.02	-1.44e-03	-3.04e-03	2.37e-06	-8.03e-05	-2.26e-06
71	352	-6.50e-03	-5.78e-03	-2.95e-03	9.13e-06	-2.40e-05	4.59e-06
71	363	-0.01	8.14e-04	-2.98e-03	-1.29e-06	-4.05e-05	-1.22e-06
71	364	-0.01	-9.03e-04	-2.98e-03	1.43e-06	-4.05e-05	0.0
71	384	-3.29e-03	-2.87e-03	-2.93e-03	4.54e-06	-1.21e-05	2.28e-06
72	74	-0.03	-5.54e-04	-5.78e-03	-1.86e-06	-1.42e-04	1.08e-05
72	81	-8.15e-03	-1.68e-04	-8.38e-03	-3.25e-06	-8.22e-05	2.55e-06
72	141	-5.72e-03	-1.56e-03	-3.94e-03	2.44e-06	-2.29e-05	0.0
72	247	-5.76e-03	-4.53e-04	-5.25e-03	0.0	-5.98e-05	1.88e-06
72	251	0.02	-7.60e-04	-4.54e-03	0.0	1.13e-04	-8.39e-06
72	282	-0.01	-1.05e-03	-2.91e-03	1.64e-06	-5.96e-05	0.0
72	310	3.35e-06	-6.81e-04	-2.91e-03	1.08e-06	0.0	0.0
72	320	-2.52e-03	1.71e-04	-4.66e-03	-1.18e-06	-3.76e-05	1.42e-06
72	321	0.02	-5.93e-05	-4.13e-03	0.0	9.18e-05	-6.28e-06
72	324	3.35e-06	0.0	-2.91e-03	0.0	0.0	0.0
72	325	0.02	2.10e-03	-3.05e-03	-3.36e-06	8.05e-05	6.69e-06
72	333	0.02	2.28e-03	-3.05e-03	-3.64e-06	8.05e-05	4.74e-06
72	342	5.98e-03	-7.32e-03	-2.93e-03	1.17e-05	2.22e-05	-1.88e-05
72	361	0.01	5.12e-04	-2.98e-03	0.0	4.05e-05	0.0
72	369	0.01	6.01e-04	-2.98e-03	0.0	4.05e-05	-1.45e-06
72	374	3.29e-03	-2.87e-03	-2.93e-03	4.54e-06	1.21e-05	-2.28e-06
73	41	2.31e-03	-1.64e-04	-9.77e-03	9.17e-06	1.69e-03	1.10e-05
73	121	-3.42e-03	-1.73e-03	-4.24e-03	1.14e-05	1.03e-03	1.59e-05
73	150	-0.07	1.05e-04	3.94e-03	-3.62e-06	8.35e-04	2.63e-05
73	227	1.91e-03	-5.74e-04	-6.74e-03	1.41e-05	1.07e-03	8.01e-06
73	232	7.65e-03	-1.32e-03	-5.76e-03	1.09e-06	1.92e-03	0.0
73	281	-0.05	-3.72e-04	2.58e-03	7.94e-06	6.49e-04	2.44e-05
73	310	-8.52e-05	-7.72e-04	-3.26e-03	8.04e-06	7.51e-04	1.43e-05
73	313	-0.04	3.65e-04	1.20e-03	7.48e-06	6.69e-04	2.54e-05
73	315	3.10e-03	1.07e-04	-5.82e-03	1.21e-05	9.81e-04	1.27e-05
73	324	2.18e-06	-4.13e-05	-3.01e-03	7.56e-06	7.52e-04	1.69e-05
73	329	0.02	1.89e-03	-4.50e-03	4.62e-06	6.04e-04	3.74e-05
73	330	0.02	-1.65e-03	-5.64e-03	9.37e-06	5.98e-04	2.27e-05
73	352	-7.65e-03	-5.99e-03	-4.28e-03	1.56e-05	7.87e-04	-1.15e-05
73	361	9.37e-03	9.17e-04	-3.77e-03	6.09e-06	6.76e-04	2.71e-05
73	362	8.69e-03	-8.41e-04	-4.33e-03	8.45e-06	6.72e-04	1.98e-05
73	384	-3.85e-03	-3.00e-03	-3.64e-03	1.16e-05	7.70e-04	2.81e-06
74	105	0.06	-5.86e-04	-0.02	-1.58e-05	3.54e-03	-4.42e-05
74	141	-4.45e-03	-1.64e-03	-3.60e-03	1.64e-06	9.46e-04	-2.08e-05
74	259	0.04	-8.71e-04	-0.01	-5.89e-06	2.35e-03	-2.48e-05

74	282	-0.01	-1.10e-03	-1.83e-03	1.27e-06	6.38e-04	-1.82e-05
74	310	5.81e-05	-7.24e-04	-3.01e-03	0.0	7.30e-04	-1.38e-05
74	323	0.03	-1.33e-04	-8.78e-03	-4.73e-06	1.96e-03	-2.11e-05
74	324	2.93e-05	-2.26e-05	-2.93e-03	0.0	7.30e-04	-1.35e-05
74	326	0.02	-1.55e-03	-5.26e-03	2.31e-06	1.01e-03	0.0
74	334	0.02	-1.90e-03	-5.28e-03	2.51e-06	1.01e-03	0.0
74	346	6.68e-03	-5.74e-03	-4.27e-03	8.25e-06	8.22e-04	6.44e-06
74	358	9.13e-03	-7.40e-04	-4.11e-03	1.16e-06	8.73e-04	-1.06e-05
74	366	9.10e-03	-9.11e-04	-4.12e-03	1.26e-06	8.73e-04	-1.10e-05
74	378	3.09e-03	-2.72e-03	-3.57e-03	3.74e-06	7.72e-04	-1.71e-05
75	122	-2.65e-03	-1.42e-03	-3.89e-03	2.84e-06	-9.88e-06	0.0
75	149	-0.05	-7.43e-04	-0.02	-1.01e-06	-2.35e-04	9.34e-06
75	281	-0.04	-8.29e-04	-0.01	1.03e-06	-1.73e-04	6.72e-06
75	282	-0.03	-1.01e-03	-9.41e-03	1.56e-06	-1.31e-04	4.80e-06
75	310	-9.84e-05	-6.18e-04	-3.26e-03	1.57e-06	0.0	0.0
75	313	-0.03	-6.67e-05	-8.79e-03	0.0	-1.25e-04	5.37e-06
75	324	-1.14e-05	0.0	-3.01e-03	0.0	0.0	0.0
75	332	-0.01	-1.27e-03	-5.69e-03	3.17e-06	-5.11e-05	-3.40e-06
75	340	-0.01	-1.58e-03	-5.74e-03	3.17e-06	-5.11e-05	-2.32e-06
75	353	6.37e-03	4.79e-03	-4.78e-04	-7.50e-06	1.51e-05	9.50e-06
75	364	-7.32e-03	-6.30e-04	-4.37e-03	1.85e-06	-2.60e-05	-1.69e-06
75	372	-7.22e-03	-7.83e-04	-4.40e-03	1.85e-06	-2.59e-05	-1.15e-06
75	385	3.19e-03	2.38e-03	-1.75e-03	-3.46e-06	7.57e-06	4.71e-06
76	41	-1.50e-03	-3.00e-04	-9.77e-03	-1.72e-06	4.75e-05	-3.43e-06
76	52	5.84e-03	-1.51e-03	-6.92e-03	1.30e-06	5.16e-05	-8.79e-06
76	149	-0.05	4.50e-06	2.81e-03	-1.01e-06	-2.34e-04	9.36e-06
76	227	-9.72e-04	-5.31e-04	-6.74e-03	0.0	3.60e-05	-2.75e-06
76	232	4.52e-03	-1.18e-03	-5.76e-03	1.74e-06	3.91e-05	-6.57e-06
76	281	-0.04	-2.91e-04	2.58e-03	1.03e-06	-1.73e-04	6.73e-06
76	310	-9.73e-05	-6.47e-04	-3.25e-03	1.57e-06	0.0	0.0
76	313	-0.03	3.64e-04	1.20e-03	0.0	-1.25e-04	5.39e-06
76	315	5.48e-04	8.82e-05	-5.82e-03	0.0	3.19e-05	-1.78e-06
76	324	-1.03e-05	0.0	-3.01e-03	0.0	0.0	0.0
76	330	0.01	-1.44e-03	-5.64e-03	3.18e-06	5.11e-05	-2.41e-06
76	332	-0.01	-1.72e-03	-1.52e-03	2.68e-06	-5.10e-05	-3.40e-06
76	349	6.43e-03	5.30e-03	-1.74e-03	-7.37e-06	1.55e-05	9.85e-06
76	362	6.61e-03	-7.13e-04	-4.33e-03	1.85e-06	2.59e-05	-1.19e-06
76	364	-7.32e-03	-8.53e-04	-2.26e-03	1.60e-06	-2.58e-05	-1.69e-06
76	381	3.22e-03	2.63e-03	-2.38e-03	-3.39e-06	7.86e-06	4.89e-06
77	41	-1.50e-03	-1.63e-04	-7.87e-03	-1.74e-06	4.74e-05	-3.42e-06
77	122	-2.65e-03	-1.45e-03	-3.49e-03	2.84e-06	-9.80e-06	0.0
77	149	-0.05	-3.70e-04	-6.57e-03	0.0	-2.35e-04	9.35e-06
77	227	-9.73e-04	-4.21e-04	-5.30e-03	0.0	3.59e-05	-2.74e-06
77	267	-1.76e-03	-9.68e-04	-3.38e-03	2.10e-06	-6.52e-06	0.0
77	281	-0.04	-5.60e-04	-4.33e-03	1.04e-06	-1.73e-04	6.72e-06
77	310	-9.79e-05	-6.33e-04	-3.25e-03	1.57e-06	0.0	0.0
77	313	-0.03	1.48e-04	-3.79e-03	0.0	-1.25e-04	5.38e-06
77	315	5.48e-04	1.59e-04	-4.54e-03	0.0	3.17e-05	-1.77e-06
77	324	-1.08e-05	0.0	-3.01e-03	0.0	0.0	0.0
77	332	-0.01	-1.35e-03	-3.16e-03	2.68e-06	-5.11e-05	-3.40e-06
77	350	1.82e-03	-5.03e-03	-5.02e-03	8.56e-06	1.52e-05	-9.53e-06
77	353	6.37e-03	5.03e-03	-1.01e-03	-7.46e-06	1.54e-05	9.50e-06
77	364	-7.32e-03	-6.71e-04	-3.08e-03	1.60e-06	-2.59e-05	-1.69e-06
77	382	9.33e-04	-2.50e-03	-4.01e-03	4.53e-06	7.68e-06	-4.73e-06
77	385	3.19e-03	2.50e-03	-2.01e-03	-3.43e-06	7.76e-06	4.72e-06
78	41	2.81e-03	-8.15e-05	-0.01	-3.62e-05	1.83e-03	-3.15e-05
78	121	-3.28e-03	-1.71e-03	-3.76e-03	1.39e-06	1.01e-03	-2.00e-05
78	150	-0.07	1.32e-04	3.72e-03	-7.56e-06	9.33e-04	-2.43e-05
78	227	2.31e-03	-5.14e-04	-6.66e-03	-2.10e-05	1.08e-03	-1.60e-05
78	232	8.69e-03	-1.29e-03	-5.49e-03	-3.11e-06	2.00e-03	-2.31e-05
78	281	-0.05	-3.47e-04	2.73e-03	0.0	6.21e-04	-1.45e-05
78	310	-2.68e-05	-7.53e-04	-3.01e-03	0.0	7.34e-04	-1.45e-05
78	313	-0.04	3.89e-04	1.19e-03	0.0	6.43e-04	-1.36e-05
78	315	3.36e-03	1.57e-04	-5.86e-03	-1.60e-05	9.87e-04	-1.49e-05
78	324	2.19e-06	-2.26e-05	-2.93e-03	0.0	7.34e-04	-1.35e-05
78	329	0.02	1.90e-03	-4.78e-03	-1.21e-06	5.88e-04	-1.73e-05
78	330	0.02	-1.63e-03	-5.15e-03	2.56e-06	5.85e-04	-2.54e-05
78	354	4.56e-03	-5.96e-03	-4.16e-03	6.68e-06	6.85e-04	-2.95e-05
78	361	9.11e-03	9.34e-04	-3.86e-03	0.0	6.59e-04	-1.54e-05
78	362	8.88e-03	-8.23e-04	-4.05e-03	1.45e-06	6.57e-04	-1.94e-05
78	386	2.31e-03	-2.98e-03	-3.55e-03	3.50e-06	7.09e-04	-2.14e-05
79	105	0.04	-7.19e-04	-0.02	-4.37e-06	2.02e-04	-1.02e-05
79	121	-2.62e-03	-1.42e-03	-3.14e-03	1.61e-06	-9.58e-06	0.0
79	259	0.03	-8.24e-04	-0.01	-1.03e-06	1.50e-04	-7.38e-06
79	260	0.02	-9.78e-04	-8.60e-03	0.0	1.11e-04	-5.32e-06
79	289	0.03	-6.41e-05	-0.01	-3.12e-06	1.38e-04	-5.24e-06
79	310	-7.56e-05	-6.19e-04	-2.77e-03	0.0	0.0	0.0

79	323	0.03	-1.54e-04	-9.18e-03	-1.68e-06	1.18e-04	-5.82e-06
79	324	1.14e-05	0.0	-3.01e-03	0.0	0.0	0.0
79	325	0.01	1.64e-03	-5.81e-03	-3.44e-06	5.07e-05	-4.71e-06
79	333	0.02	1.34e-03	-5.75e-03	-3.44e-06	5.07e-05	-5.78e-06
79	344	-8.36e-03	-5.01e-03	-2.66e-04	8.39e-06	-1.39e-05	1.74e-05
79	357	7.22e-03	7.83e-04	-4.40e-03	-1.85e-06	2.59e-05	-1.15e-06
79	365	7.32e-03	6.30e-04	-4.37e-03	-1.85e-06	2.60e-05	-1.69e-06
79	376	-3.19e-03	-2.38e-03	-1.75e-03	3.46e-06	-7.57e-06	4.71e-06
80	122	-2.51e-03	-1.42e-03	-3.44e-03	2.62e-06	-9.88e-06	0.0
80	149	-0.05	-7.44e-04	-0.02	-1.46e-06	-2.34e-04	9.36e-06
80	281	-0.04	-8.29e-04	-0.01	0.0	-1.73e-04	6.73e-06
80	282	-0.03	-1.01e-03	-9.17e-03	1.26e-06	-1.31e-04	4.82e-06
80	310	-4.03e-05	-6.18e-04	-3.01e-03	1.33e-06	0.0	0.0
80	313	-0.03	-6.70e-05	-8.78e-03	0.0	-1.25e-04	5.38e-06
80	324	-1.14e-05	0.0	-2.93e-03	0.0	0.0	0.0
80	332	-0.01	-1.27e-03	-5.24e-03	2.91e-06	-5.11e-05	-3.39e-06
80	340	-0.01	-1.58e-03	-5.26e-03	2.93e-06	-5.11e-05	-2.33e-06
80	353	4.85e-03	4.79e-03	-1.67e-03	-7.67e-06	1.52e-05	9.42e-06
80	364	-7.06e-03	-6.30e-04	-4.11e-03	1.60e-06	-2.60e-05	-1.69e-06
80	372	-7.02e-03	-7.83e-04	-4.11e-03	1.61e-06	-2.60e-05	-1.16e-06
80	385	2.44e-03	2.38e-03	-2.30e-03	-3.66e-06	7.64e-06	4.68e-06
81	41	-9.80e-04	-2.83e-04	-0.01	-2.43e-06	4.72e-05	-3.00e-06
81	52	7.24e-03	-1.51e-03	-6.71e-03	0.0	5.14e-05	-8.66e-06
81	149	-0.05	4.72e-06	2.62e-03	-1.46e-06	-2.34e-04	9.37e-06
81	227	-5.51e-04	-5.18e-04	-6.66e-03	0.0	3.57e-05	-2.43e-06
81	232	5.56e-03	-1.18e-03	-5.49e-03	1.44e-06	3.90e-05	-6.47e-06
81	281	-0.04	-2.90e-04	2.73e-03	0.0	-1.73e-04	6.74e-06
81	310	-3.91e-05	-6.47e-04	-3.01e-03	1.33e-06	0.0	0.0
81	313	-0.03	3.64e-04	1.19e-03	0.0	-1.25e-04	5.39e-06
81	315	8.19e-04	9.75e-05	-5.86e-03	0.0	3.16e-05	-1.54e-06
81	324	-1.02e-05	0.0	-2.93e-03	0.0	0.0	0.0
81	330	0.01	-1.44e-03	-5.15e-03	2.93e-06	5.11e-05	-2.37e-06
81	332	-0.01	-1.72e-03	-1.08e-03	2.46e-06	-5.10e-05	-3.39e-06
81	349	4.87e-03	5.30e-03	-2.92e-03	-7.56e-06	1.54e-05	9.79e-06
81	362	6.81e-03	-7.13e-04	-4.05e-03	1.61e-06	2.59e-05	-1.17e-06
81	364	-7.06e-03	-8.53e-04	-2.00e-03	1.38e-06	-2.58e-05	-1.68e-06
81	381	2.45e-03	2.63e-03	-2.93e-03	-3.60e-06	7.84e-06	4.87e-06
82	41	-9.81e-04	-1.63e-04	-8.17e-03	-2.35e-06	4.70e-05	-3.03e-06
82	122	-2.51e-03	-1.45e-03	-3.05e-03	2.61e-06	-9.79e-06	0.0
82	149	-0.05	-3.70e-04	-6.74e-03	-1.45e-06	-2.34e-04	9.36e-06
82	227	-5.51e-04	-4.21e-04	-5.24e-03	0.0	3.56e-05	-2.45e-06
82	267	-1.67e-03	-9.68e-04	-3.05e-03	1.86e-06	-6.51e-06	0.0
82	281	-0.04	-5.60e-04	-4.18e-03	0.0	-1.73e-04	6.73e-06
82	310	-3.97e-05	-6.33e-04	-3.01e-03	1.34e-06	0.0	0.0
82	313	-0.03	1.48e-04	-3.79e-03	0.0	-1.25e-04	5.38e-06
82	315	8.18e-04	1.59e-04	-4.60e-03	0.0	3.15e-05	-1.56e-06
82	324	-1.08e-05	0.0	-2.93e-03	0.0	0.0	0.0
82	332	-0.01	-1.35e-03	-2.73e-03	2.45e-06	-5.11e-05	-3.39e-06
82	350	3.34e-03	-5.03e-03	-3.67e-03	8.26e-06	1.52e-05	-9.45e-06
82	353	4.85e-03	5.03e-03	-2.19e-03	-7.60e-06	1.53e-05	9.44e-06
82	364	-7.06e-03	-6.71e-04	-2.82e-03	1.38e-06	-2.59e-05	-1.68e-06
82	382	1.69e-03	-2.50e-03	-3.30e-03	4.27e-06	7.70e-06	-4.69e-06
82	385	2.44e-03	2.50e-03	-2.56e-03	-3.61e-06	7.74e-06	4.69e-06
83	41	3.26e-03	7.99e-05	-0.01	1.47e-05	2.01e-03	1.87e-05
83	122	-3.15e-03	-1.65e-03	-2.29e-03	0.0	7.31e-04	1.00e-05
83	188	-0.07	6.68e-04	3.32e-03	-8.25e-06	1.04e-03	3.42e-05
83	227	2.68e-03	-4.13e-04	-6.76e-03	1.58e-05	1.12e-03	9.45e-06
83	232	9.71e-03	-1.21e-03	-5.34e-03	-4.20e-06	2.11e-03	6.05e-06
83	300	-0.05	1.39e-05	2.74e-03	-1.47e-06	6.07e-04	2.47e-05
83	310	3.12e-05	-7.08e-04	-2.85e-03	0.0	7.34e-04	1.25e-05
83	313	-0.04	4.57e-04	1.08e-03	-1.51e-06	6.32e-04	2.29e-05
83	315	3.59e-03	2.43e-04	-6.06e-03	1.14e-05	1.01e-03	1.16e-05
83	324	2.19e-06	2.26e-05	-2.93e-03	0.0	7.34e-04	1.35e-05
83	337	0.02	1.63e-03	-5.15e-03	-2.56e-06	5.85e-04	2.54e-05
83	338	0.02	-1.90e-03	-4.78e-03	1.21e-06	5.88e-04	1.73e-05
83	349	4.56e-03	5.96e-03	-4.16e-03	-6.68e-06	6.85e-04	2.95e-05
83	369	8.88e-03	8.23e-04	-4.05e-03	-1.45e-06	6.57e-04	1.94e-05
83	370	9.11e-03	-9.34e-04	-3.86e-03	0.0	6.59e-04	1.54e-05
83	381	2.31e-03	2.98e-03	-3.55e-03	-3.50e-06	7.09e-04	2.14e-05
84	97	-0.01	-1.08e-03	-0.01	-1.24e-06	-9.43e-05	1.16e-05
84	100	-0.01	-1.55e-03	-7.98e-03	0.0	-7.30e-05	9.08e-06
84	127	0.04	4.38e-06	1.17e-03	-1.44e-06	1.84e-04	-6.51e-06
84	255	-0.01	-1.11e-03	-7.36e-03	0.0	-6.91e-05	8.77e-06
84	256	-7.95e-03	-1.21e-03	-6.36e-03	1.35e-06	-5.35e-05	6.79e-06
84	270	0.03	9.25e-05	9.12e-04	-1.21e-06	1.37e-04	-4.87e-06
84	310	3.91e-05	-6.47e-04	-3.01e-03	1.33e-06	0.0	0.0
84	311	0.02	5.16e-04	4.96e-04	-1.05e-06	1.08e-04	-3.89e-06

84	322	-6.37e-03	-3.44e-04	-6.00e-03	0.0	-4.70e-05	6.31e-06
84	324	1.02e-05	0.0	-2.93e-03	0.0	0.0	0.0
84	326	0.01	-1.93e-03	-1.11e-03	2.74e-06	5.14e-05	5.76e-06
84	328	-0.01	-1.65e-03	-5.18e-03	3.20e-06	-5.07e-05	4.74e-06
84	343	-5.45e-03	6.01e-03	-2.82e-03	-8.49e-06	-1.67e-05	-1.77e-05
84	358	7.06e-03	-8.53e-04	-2.00e-03	1.38e-06	2.58e-05	1.68e-06
84	360	-6.81e-03	-7.13e-04	-4.05e-03	1.61e-06	-2.59e-05	1.17e-06
84	375	-2.45e-03	2.63e-03	-2.93e-03	-3.60e-06	-7.84e-06	-4.87e-06
85	121	-2.39e-03	-1.42e-03	-4.18e-03	1.89e-06	-9.93e-06	0.0
85	187	-0.05	-3.89e-04	-0.02	-3.67e-06	-2.35e-04	9.79e-06
85	282	-0.03	-1.02e-03	-9.04e-03	0.0	-1.31e-04	4.95e-06
85	300	-0.04	-5.93e-04	-0.01	0.0	-1.73e-04	7.03e-06
85	310	1.75e-05	-6.19e-04	-2.85e-03	0.0	0.0	0.0
85	313	-0.03	-7.17e-05	-8.90e-03	-1.19e-06	-1.25e-04	5.48e-06
85	324	-1.14e-05	0.0	-2.93e-03	0.0	0.0	0.0
85	331	-0.01	1.58e-03	-5.26e-03	-2.93e-06	-5.11e-05	2.33e-06
85	339	-0.01	1.27e-03	-5.24e-03	-2.91e-06	-5.11e-05	3.39e-06
85	350	4.85e-03	-4.79e-03	-1.67e-03	7.67e-06	1.52e-05	-9.42e-06
85	363	-7.02e-03	7.83e-04	-4.11e-03	-1.61e-06	-2.60e-05	1.16e-06
85	371	-7.06e-03	6.30e-04	-4.11e-03	-1.60e-06	-2.60e-05	1.69e-06
85	382	2.44e-03	-2.38e-03	-2.30e-03	3.66e-06	7.64e-06	-4.68e-06
86	41	-5.53e-04	-2.58e-04	-0.01	-4.37e-06	4.75e-05	-2.35e-06
86	51	8.59e-03	-1.50e-03	-7.75e-03	0.0	5.16e-05	-8.36e-06
86	187	-0.05	3.93e-04	2.22e-03	-3.64e-06	-2.34e-04	9.75e-06
86	227	-2.02e-04	-4.99e-04	-6.76e-03	-1.17e-06	3.59e-05	-1.95e-06
86	232	6.58e-03	-1.17e-03	-5.34e-03	0.0	3.91e-05	-6.26e-06
86	300	-0.04	-3.11e-05	2.74e-03	0.0	-1.73e-04	7.01e-06
86	310	1.87e-05	-6.48e-04	-2.85e-03	0.0	0.0	0.0
86	313	-0.03	3.66e-04	1.08e-03	-1.17e-06	-1.25e-04	5.47e-06
86	315	1.04e-03	1.11e-04	-6.06e-03	-1.72e-06	3.18e-05	-1.20e-06
86	324	-1.02e-05	0.0	-2.93e-03	0.0	0.0	0.0
86	337	0.01	1.44e-03	-5.15e-03	-2.93e-06	5.11e-05	2.37e-06
86	339	-0.01	1.72e-03	-1.08e-03	-2.46e-06	-5.10e-05	3.39e-06
86	354	4.87e-03	-5.30e-03	-2.92e-03	7.56e-06	1.54e-05	-9.79e-06
86	369	6.81e-03	7.13e-04	-4.05e-03	-1.61e-06	2.59e-05	1.17e-06
86	371	-7.06e-03	8.53e-04	-2.00e-03	-1.38e-06	-2.58e-05	1.68e-06
86	386	2.45e-03	-2.63e-03	-2.93e-03	3.60e-06	7.84e-06	-4.87e-06
87	121	-2.39e-03	-1.45e-03	-3.78e-03	1.84e-06	-9.80e-06	0.0
87	187	-0.05	2.64e-06	-7.15e-03	-3.71e-06	-2.34e-04	9.78e-06
87	197	-9.94e-03	6.92e-05	-8.73e-03	-4.84e-06	-8.93e-05	2.12e-06
87	267	-1.58e-03	-9.68e-04	-2.81e-03	1.20e-06	-6.51e-06	0.0
87	300	-0.04	-3.11e-04	-4.17e-03	0.0	-1.73e-04	7.02e-06
87	305	-7.15e-03	-2.62e-04	-5.35e-03	-1.49e-06	-6.54e-05	1.35e-06
87	310	1.81e-05	-6.33e-04	-2.85e-03	0.0	0.0	0.0
87	313	-0.03	1.48e-04	-3.91e-03	-1.20e-06	-1.25e-04	5.48e-06
87	314	-4.17e-03	1.85e-04	-4.79e-03	-1.83e-06	-4.42e-05	1.22e-06
87	324	-1.08e-05	0.0	-2.93e-03	0.0	0.0	0.0
87	339	-0.01	1.35e-03	-2.73e-03	-2.45e-06	-5.11e-05	3.39e-06
87	350	4.85e-03	-5.03e-03	-2.19e-03	7.60e-06	1.53e-05	-9.44e-06
87	353	3.34e-03	5.03e-03	-3.67e-03	-8.26e-06	1.52e-05	9.45e-06
87	371	-7.06e-03	6.71e-04	-2.82e-03	-1.38e-06	-2.59e-05	1.68e-06
87	382	2.44e-03	-2.50e-03	-2.56e-03	3.61e-06	7.74e-06	-4.69e-06
87	385	1.69e-03	2.50e-03	-3.30e-03	-4.27e-06	7.70e-06	4.69e-06
88	41	3.65e-03	1.92e-04	-0.01	-4.77e-05	2.18e-03	-4.39e-05
88	122	-3.02e-03	-1.63e-03	-2.00e-03	-6.26e-06	7.46e-04	-2.19e-05
88	188	-0.07	7.20e-04	2.70e-03	-2.04e-05	1.14e-03	-4.63e-05
88	227	3.00e-03	-3.43e-04	-7.05e-03	-2.53e-05	1.17e-03	-1.89e-05
88	232	0.01	-1.18e-03	-5.31e-03	-1.57e-05	2.24e-03	-2.90e-05
88	300	-0.05	4.54e-05	2.61e-03	-8.32e-06	6.06e-04	-2.57e-05
88	310	8.96e-05	-6.89e-04	-2.77e-03	-7.08e-06	7.52e-04	-1.96e-05
88	313	-0.04	4.85e-04	8.56e-04	-8.48e-06	6.36e-04	-2.25e-05
88	315	3.79e-03	3.00e-04	-6.42e-03	-2.12e-05	1.06e-03	-1.69e-05
88	324	2.18e-06	4.13e-05	-3.01e-03	-7.56e-06	7.52e-04	-1.69e-05
88	337	0.02	1.65e-03	-5.64e-03	-9.37e-06	5.98e-04	-2.27e-05
88	338	0.02	-1.89e-03	-4.50e-03	-4.62e-06	6.04e-04	-3.74e-05
88	355	-7.65e-03	5.99e-03	-4.28e-03	-1.56e-05	7.87e-04	1.15e-05
88	369	8.69e-03	8.41e-04	-4.33e-03	-8.45e-06	6.72e-04	-1.98e-05
88	370	9.37e-03	-9.17e-04	-3.77e-03	-6.09e-06	6.76e-04	-2.71e-05
88	387	-3.85e-03	3.00e-03	-3.64e-03	-1.16e-05	7.70e-04	-2.81e-06
89	105	0.04	-7.26e-04	-0.02	-1.74e-06	2.01e-04	-1.05e-05
89	127	0.04	-5.16e-04	-0.01	-1.45e-06	1.84e-04	-6.49e-06
89	142	-3.38e-03	-1.42e-03	-2.50e-03	2.61e-06	-1.37e-05	0.0
89	259	0.03	-8.29e-04	-0.01	0.0	1.50e-04	-7.53e-06
89	260	0.02	-9.83e-04	-8.63e-03	1.07e-06	1.11e-04	-5.44e-06
89	270	0.03	-2.97e-04	-0.01	-1.21e-06	1.37e-04	-4.86e-06
89	310	4.03e-05	-6.18e-04	-3.01e-03	1.33e-06	0.0	0.0
89	311	0.02	2.06e-04	-8.12e-03	-1.05e-06	1.08e-04	-3.87e-06

89	323	0.02	-1.58e-04	-8.78e-03	0.0	1.17e-04	-5.91e-06
89	324	1.14e-05	0.0	-2.93e-03	0.0	0.0	0.0
89	326	0.01	-1.34e-03	-5.26e-03	3.18e-06	5.15e-05	5.75e-06
89	334	0.01	-1.64e-03	-5.28e-03	3.19e-06	5.15e-05	4.69e-06
89	347	-5.43e-03	5.01e-03	-1.60e-03	-8.55e-06	-1.65e-05	-1.73e-05
89	358	7.06e-03	-6.30e-04	-4.11e-03	1.60e-06	2.60e-05	1.69e-06
89	366	7.02e-03	-7.83e-04	-4.11e-03	1.61e-06	2.60e-05	1.16e-06
89	379	-2.44e-03	2.38e-03	-2.30e-03	-3.66e-06	-7.64e-06	-4.68e-06
90	121	-2.26e-03	-1.42e-03	-3.92e-03	1.59e-06	-9.94e-06	0.0
90	187	-0.05	-3.90e-04	-0.02	-4.38e-06	-2.35e-04	9.81e-06
90	282	-0.03	-1.02e-03	-9.04e-03	0.0	-1.32e-04	4.95e-06
90	300	-0.04	-5.93e-04	-0.01	-1.01e-06	-1.73e-04	7.04e-06
90	310	7.56e-05	-6.19e-04	-2.77e-03	0.0	0.0	0.0
90	313	-0.03	-7.22e-05	-9.15e-03	-1.53e-06	-1.25e-04	5.49e-06
90	324	-1.14e-05	0.0	-3.01e-03	0.0	0.0	0.0
90	331	-0.01	1.58e-03	-5.74e-03	-3.17e-06	-5.11e-05	2.32e-06
90	339	-0.01	1.27e-03	-5.69e-03	-3.17e-06	-5.11e-05	3.40e-06
90	350	6.37e-03	-4.79e-03	-4.78e-04	7.50e-06	1.51e-05	-9.50e-06
90	363	-7.22e-03	7.83e-04	-4.40e-03	-1.85e-06	-2.59e-05	1.15e-06
90	371	-7.32e-03	6.30e-04	-4.37e-03	-1.85e-06	-2.60e-05	1.69e-06
90	382	3.19e-03	-2.38e-03	-1.75e-03	3.46e-06	7.57e-06	-4.71e-06
91	41	-2.24e-04	-2.40e-04	-0.01	-5.39e-06	4.82e-05	-1.90e-06
91	51	9.92e-03	-1.49e-03	-7.88e-03	0.0	5.19e-05	-8.23e-06
91	187	-0.05	3.94e-04	1.56e-03	-4.35e-06	-2.35e-04	9.79e-06
91	227	7.61e-05	-4.86e-04	-7.05e-03	-1.78e-06	3.64e-05	-1.62e-06
91	232	7.57e-03	-1.16e-03	-5.31e-03	0.0	3.93e-05	-6.16e-06
91	300	-0.04	-3.04e-05	2.61e-03	0.0	-1.73e-04	7.03e-06
91	310	7.68e-05	-6.48e-04	-2.77e-03	0.0	0.0	0.0
91	313	-0.03	3.67e-04	8.56e-04	-1.51e-06	-1.25e-04	5.48e-06
91	315	1.20e-03	1.21e-04	-6.41e-03	-2.23e-06	3.22e-05	0.0
91	324	-1.03e-05	0.0	-3.01e-03	0.0	0.0	0.0
91	337	0.01	1.44e-03	-5.64e-03	-3.18e-06	5.11e-05	2.41e-06
91	339	-0.01	1.72e-03	-1.52e-03	-2.68e-06	-5.10e-05	3.40e-06
91	354	6.43e-03	-5.30e-03	-1.74e-03	7.37e-06	1.55e-05	-9.85e-06
91	369	6.61e-03	7.13e-04	-4.33e-03	-1.85e-06	2.59e-05	1.19e-06
91	371	-7.32e-03	8.53e-04	-2.26e-03	-1.60e-06	-2.58e-05	1.69e-06
91	386	3.22e-03	-2.63e-03	-2.38e-03	3.39e-06	7.86e-06	-4.89e-06
92	121	-2.26e-03	-1.45e-03	-3.52e-03	1.56e-06	-9.81e-06	0.0
92	187	-0.05	2.26e-06	-7.83e-03	-4.40e-06	-2.35e-04	9.81e-06
92	197	-0.01	6.91e-05	-9.62e-03	-5.72e-06	-9.00e-05	1.76e-06
92	267	-1.50e-03	-9.69e-04	-2.64e-03	0.0	-6.51e-06	0.0
92	300	-0.04	-3.12e-04	-4.32e-03	-1.02e-06	-1.73e-04	7.04e-06
92	305	-7.35e-03	-2.62e-04	-5.65e-03	-2.00e-06	-6.59e-05	1.08e-06
92	310	7.62e-05	-6.33e-04	-2.77e-03	0.0	0.0	0.0
92	313	-0.03	1.47e-04	-4.14e-03	-1.53e-06	-1.25e-04	5.49e-06
92	314	-4.35e-03	1.85e-04	-5.14e-03	-2.27e-06	-4.46e-05	1.02e-06
92	324	-1.08e-05	0.0	-3.01e-03	0.0	0.0	0.0
92	339	-0.01	1.35e-03	-3.16e-03	-2.68e-06	-5.11e-05	3.40e-06
92	350	6.37e-03	-5.03e-03	-1.01e-03	7.46e-06	1.54e-05	-9.50e-06
92	353	1.82e-03	5.03e-03	-5.02e-03	-8.56e-06	1.52e-05	9.53e-06
92	371	-7.32e-03	6.71e-04	-3.08e-03	-1.60e-06	-2.59e-05	1.69e-06
92	382	3.19e-03	-2.50e-03	-2.01e-03	3.43e-06	7.76e-06	-4.72e-06
92	385	9.33e-04	2.50e-03	-4.01e-03	-4.53e-06	7.68e-06	4.73e-06
93	50	-0.05	-3.65e-05	1.95e-03	-3.05e-06	8.41e-04	2.75e-05
93	73	0.03	-9.42e-04	-0.01	-1.19e-05	3.36e-03	-2.68e-06
93	121	-4.77e-03	-1.82e-03	-4.09e-03	1.17e-05	1.02e-03	1.72e-05
93	231	-0.04	-5.17e-04	1.08e-03	8.43e-06	6.55e-04	2.52e-05
93	243	0.02	-1.18e-03	-7.83e-03	-1.43e-06	2.30e-03	-2.13e-06
93	244	0.02	-1.34e-03	-6.69e-03	1.15e-06	1.92e-03	1.19e-06
93	310	1.34e-05	-8.11e-04	-3.28e-03	8.13e-06	7.52e-04	1.45e-05
93	316	-0.03	1.80e-04	-3.73e-05	7.78e-06	6.78e-04	2.50e-05
93	319	0.02	-3.14e-04	-6.72e-03	0.0	1.91e-03	4.50e-06
93	324	1.14e-05	-4.13e-05	-3.01e-03	7.56e-06	7.52e-04	1.69e-05
93	325	0.03	1.57e-03	-5.69e-03	4.84e-06	7.17e-04	2.64e-05
93	330	0.03	-1.87e-03	-6.89e-03	1.02e-05	7.29e-04	1.85e-05
93	352	-7.28e-03	-6.42e-03	-4.26e-03	1.72e-05	7.73e-04	2.95e-06
93	357	0.01	6.40e-04	-4.42e-03	6.53e-06	7.36e-04	2.18e-05
93	362	0.01	-9.48e-04	-4.97e-03	8.88e-06	7.40e-04	1.77e-05
93	384	-3.68e-03	-3.21e-03	-3.63e-03	1.23e-05	7.62e-04	9.99e-06
94	97	-0.01	-6.15e-04	-7.31e-03	-1.24e-06	-9.41e-05	1.16e-05
94	127	0.04	-2.56e-04	-6.20e-03	-1.42e-06	1.84e-04	-6.50e-06
94	142	-3.38e-03	-1.45e-03	-3.05e-03	2.60e-06	-1.38e-05	0.0
94	255	-0.01	-7.55e-04	-4.60e-03	0.0	-6.90e-05	8.77e-06
94	270	0.03	-1.02e-04	-4.57e-03	-1.19e-06	1.37e-04	-4.87e-06
94	282	-7.60e-03	-9.70e-04	-3.05e-03	1.85e-06	-3.06e-05	0.0
94	310	3.97e-05	-6.33e-04	-3.01e-03	1.34e-06	0.0	0.0
94	311	0.02	3.61e-04	-3.81e-03	-1.02e-06	1.08e-04	-3.88e-06

94	322	-6.37e-03	-9.18e-05	-4.12e-03	0.0	-4.69e-05	6.31e-06
94	324	1.08e-05	0.0	-2.93e-03	0.0	0.0	0.0
94	326	0.01	-1.49e-03	-2.75e-03	2.71e-06	5.15e-05	5.75e-06
94	344	-2.76e-03	-5.49e-03	-3.75e-03	9.15e-06	-1.39e-05	1.73e-05
94	347	-5.43e-03	5.49e-03	-2.11e-03	-8.49e-06	-1.66e-05	-1.73e-05
94	358	7.06e-03	-6.71e-04	-2.82e-03	1.38e-06	2.59e-05	1.68e-06
94	376	-1.69e-03	-2.50e-03	-3.30e-03	4.27e-06	-7.70e-06	4.69e-06
94	379	-2.44e-03	2.50e-03	-2.56e-03	-3.61e-06	-7.74e-06	-4.69e-06
95	49	-0.04	-9.84e-04	-0.01	0.0	-1.87e-04	1.09e-05
95	122	-3.62e-03	-1.56e-03	-4.12e-03	3.02e-06	-1.46e-05	0.0
95	187	-0.04	1.17e-04	-0.01	-1.16e-06	-1.57e-04	-1.62e-06
95	231	-0.03	-1.06e-03	-9.90e-03	1.34e-06	-1.37e-04	8.08e-06
95	232	-0.02	-1.19e-03	-8.43e-03	1.79e-06	-1.05e-04	6.06e-06
95	300	-0.03	-2.57e-04	-7.75e-03	1.01e-06	-1.15e-04	-1.19e-06
95	310	-1.43e-06	-6.81e-04	-3.28e-03	1.64e-06	0.0	0.0
95	313	-0.02	2.17e-04	-6.11e-03	0.0	-7.94e-05	0.0
95	316	-0.02	-2.83e-04	-7.69e-03	0.0	-9.58e-05	6.07e-06
95	324	-3.95e-06	0.0	-3.01e-03	0.0	0.0	0.0
95	331	-0.02	1.89e-03	-5.54e-03	-2.13e-06	-8.01e-05	-2.39e-06
95	340	-0.02	-1.90e-03	-6.90e-03	3.49e-06	-8.00e-05	2.57e-06
95	353	5.25e-03	5.96e-03	1.67e-04	-8.86e-06	2.38e-05	-5.32e-06
95	360	-0.01	-4.90e-04	-4.85e-03	1.52e-06	-4.06e-05	-1.42e-06
95	372	-0.01	-9.44e-04	-4.98e-03	2.01e-06	-4.05e-05	1.28e-06
95	385	2.66e-03	2.96e-03	-1.42e-03	-4.14e-06	1.20e-05	-2.65e-06
96	73	0.02	-9.98e-04	-0.01	0.0	1.14e-04	-1.11e-05
96	122	-3.62e-03	-1.56e-03	-2.96e-03	3.02e-06	-1.44e-05	0.0
96	187	-0.04	-1.10e-05	1.37e-03	-1.15e-06	-1.57e-04	-1.59e-06
96	243	0.01	-1.07e-03	-7.83e-03	1.35e-06	8.56e-05	-8.21e-06
96	244	0.01	-1.20e-03	-6.68e-03	1.79e-06	6.18e-05	-6.16e-06
96	300	-0.03	-3.52e-04	1.48e-03	1.02e-06	-1.15e-04	-1.17e-06
96	310	0.0	-6.80e-04	-3.27e-03	1.64e-06	0.0	0.0
96	313	-0.02	1.47e-04	2.31e-04	0.0	-7.92e-05	0.0
96	319	0.01	-2.90e-04	-6.72e-03	0.0	7.15e-05	-6.15e-06
96	324	-2.77e-06	0.0	-3.01e-03	0.0	0.0	0.0
96	330	0.02	-1.61e-03	-6.89e-03	3.19e-06	8.00e-05	2.38e-06
96	331	-0.02	1.61e-03	8.61e-04	-2.12e-06	-7.99e-05	-2.37e-06
96	349	5.37e-03	5.62e-03	-1.76e-03	-8.85e-06	2.41e-05	-4.70e-06
96	360	-0.01	-6.02e-04	-1.61e-03	1.52e-06	-4.04e-05	-1.41e-06
96	362	0.01	-8.00e-04	-4.97e-03	1.85e-06	4.05e-05	1.19e-06
96	381	2.72e-03	2.80e-03	-2.40e-03	-4.13e-06	1.23e-05	-2.33e-06
97	57	-9.17e-03	-1.67e-04	-7.87e-03	-1.74e-06	-9.00e-05	3.21e-06
97	122	-3.62e-03	-1.56e-03	-3.53e-03	3.02e-06	-1.45e-05	0.0
97	187	-0.04	5.26e-05	-4.91e-03	-1.12e-06	-1.57e-04	-1.60e-06
97	235	-6.51e-03	-4.52e-04	-5.31e-03	0.0	-6.55e-05	2.39e-06
97	267	-2.41e-03	-1.04e-03	-3.41e-03	2.21e-06	-9.64e-06	0.0
97	300	-0.03	-3.05e-04	-3.13e-03	1.03e-06	-1.15e-04	-1.18e-06
97	310	0.0	-6.80e-04	-3.27e-03	1.65e-06	0.0	0.0
97	313	-0.02	1.82e-04	-2.94e-03	0.0	-7.93e-05	0.0
97	317	-3.08e-03	1.71e-04	-4.54e-03	0.0	-4.19e-05	1.80e-06
97	324	-3.36e-06	0.0	-3.01e-03	0.0	0.0	0.0
97	331	-0.02	1.64e-03	-2.50e-03	-2.09e-06	-7.99e-05	-2.38e-06
97	352	-5.38e-03	-5.78e-03	-5.27e-03	9.89e-06	-2.40e-05	4.71e-06
97	355	-7.63e-03	5.79e-03	-8.38e-04	-8.71e-06	-2.39e-05	-4.65e-06
97	360	-0.01	-6.01e-04	-3.30e-03	1.53e-06	-4.05e-05	-1.42e-06
97	384	-2.73e-03	-2.87e-03	-4.13e-03	5.19e-06	-1.22e-05	2.34e-06
97	387	-3.84e-03	2.88e-03	-1.93e-03	-4.05e-06	-1.21e-05	-2.31e-06
98	50	-0.05	-1.10e-05	1.79e-03	-7.05e-06	9.35e-04	-2.27e-05
98	73	0.03	-9.03e-04	-0.01	-1.41e-05	3.63e-03	-4.49e-05
98	121	-4.76e-03	-1.79e-03	-3.59e-03	1.61e-06	9.93e-04	-1.99e-05
98	231	-0.04	-4.93e-04	1.27e-03	0.0	6.24e-04	-1.31e-05
98	243	0.02	-1.15e-03	-7.62e-03	-4.59e-06	2.42e-03	-2.57e-05
98	244	0.02	-1.31e-03	-6.40e-03	-3.05e-06	2.00e-03	-2.31e-05
98	310	1.20e-05	-7.92e-04	-3.02e-03	0.0	7.34e-04	-1.42e-05
98	316	-0.03	2.02e-04	-1.57e-06	0.0	6.51e-04	-1.26e-05
98	319	0.02	-2.88e-04	-6.67e-03	-3.74e-06	2.00e-03	-2.21e-05
98	324	1.13e-05	-2.26e-05	-2.93e-03	0.0	7.34e-04	-1.35e-05
98	325	0.03	1.58e-03	-5.96e-03	-1.74e-06	7.06e-04	-1.44e-05
98	330	0.03	-1.85e-03	-6.35e-03	2.55e-06	7.07e-04	-1.71e-05
98	352	-8.03e-03	-6.40e-03	-2.70e-03	8.42e-06	7.39e-04	-1.68e-05
98	357	0.01	6.58e-04	-4.48e-03	0.0	7.22e-04	-1.35e-05
98	362	0.01	-9.30e-04	-4.66e-03	1.45e-06	7.21e-04	-1.53e-05
98	384	-4.06e-03	-3.19e-03	-2.81e-03	4.36e-06	7.36e-04	-1.51e-05
99	105	0.06	-4.40e-04	-0.02	-1.38e-05	3.87e-03	1.35e-05
99	142	-4.60e-03	-1.59e-03	-2.13e-03	0.0	6.71e-04	1.44e-05
99	259	0.04	-7.81e-04	-0.01	-5.31e-06	2.50e-03	5.83e-06
99	282	-0.01	-1.05e-03	-1.59e-03	0.0	6.40e-04	1.74e-05
99	310	0.0	-6.79e-04	-2.85e-03	0.0	7.30e-04	1.32e-05

99	323	0.03	-5.42e-05	-8.91e-03	-4.39e-06	2.07e-03	7.26e-06
99	324	2.93e-05	2.26e-05	-2.93e-03	0.0	7.30e-04	1.35e-05
99	325	0.02	1.90e-03	-5.28e-03	-2.51e-06	1.01e-03	0.0
99	333	0.02	1.55e-03	-5.26e-03	-2.31e-06	1.01e-03	0.0
99	341	6.90e-03	5.74e-03	-4.27e-03	-8.24e-06	8.21e-04	-6.55e-06
99	357	9.10e-03	9.11e-04	-4.12e-03	-1.26e-06	8.73e-04	1.10e-05
99	365	9.13e-03	7.40e-04	-4.11e-03	-1.16e-06	8.73e-04	1.06e-05
99	373	3.09e-03	2.72e-03	-3.57e-03	-3.74e-06	7.72e-04	1.71e-05
100	49	-0.04	-9.82e-04	-0.01	-1.13e-06	-1.87e-04	1.09e-05
100	122	-3.62e-03	-1.56e-03	-3.64e-03	2.79e-06	-1.46e-05	0.0
100	187	-0.04	1.09e-04	-0.01	-1.47e-06	-1.57e-04	-1.42e-06
100	231	-0.03	-1.06e-03	-9.68e-03	1.03e-06	-1.37e-04	8.05e-06
100	232	-0.02	-1.19e-03	-8.14e-03	1.49e-06	-1.05e-04	6.04e-06
100	300	-0.03	-2.63e-04	-7.58e-03	0.0	-1.15e-04	-1.05e-06
100	310	-3.11e-06	-6.81e-04	-3.02e-03	1.41e-06	0.0	0.0
100	313	-0.02	2.13e-04	-6.08e-03	0.0	-7.93e-05	0.0
100	316	-0.02	-2.82e-04	-7.64e-03	0.0	-9.56e-05	6.04e-06
100	324	-3.94e-06	0.0	-2.93e-03	0.0	0.0	0.0
100	328	-0.02	-1.25e-03	-6.32e-03	2.74e-06	-8.04e-05	-2.22e-06
100	340	-0.02	-1.90e-03	-6.36e-03	3.25e-06	-8.00e-05	2.52e-06
100	353	6.08e-03	5.95e-03	-1.24e-03	-9.04e-06	2.38e-05	-5.28e-06
100	360	-0.01	-4.89e-04	-4.63e-03	1.29e-06	-4.06e-05	-1.44e-06
100	372	-0.01	-9.43e-04	-4.67e-03	1.77e-06	-4.06e-05	1.25e-06
100	385	3.07e-03	2.96e-03	-2.08e-03	-4.33e-06	1.20e-05	-2.63e-06
101	73	0.02	-9.93e-04	-0.01	-1.12e-06	1.14e-04	-1.10e-05
101	122	-3.62e-03	-1.56e-03	-2.48e-03	2.79e-06	-1.44e-05	0.0
101	187	-0.04	-3.65e-06	1.18e-03	-1.46e-06	-1.57e-04	-1.40e-06
101	243	0.02	-1.06e-03	-7.62e-03	1.04e-06	8.55e-05	-8.12e-06
101	244	0.01	-1.19e-03	-6.40e-03	1.50e-06	6.17e-05	-6.09e-06
101	300	-0.03	-3.46e-04	1.64e-03	0.0	-1.15e-04	-1.03e-06
101	310	-1.94e-06	-6.80e-04	-3.02e-03	1.41e-06	0.0	0.0
101	313	-0.02	1.51e-04	2.59e-04	0.0	-7.91e-05	0.0
101	319	0.01	-2.87e-04	-6.67e-03	0.0	7.13e-05	-6.08e-06
101	324	-2.77e-06	0.0	-2.93e-03	0.0	0.0	0.0
101	328	-0.02	-1.41e-03	9.57e-05	2.74e-06	-8.02e-05	-2.20e-06
101	330	0.02	-1.61e-03	-6.35e-03	2.95e-06	8.00e-05	2.41e-06
101	349	6.12e-03	5.62e-03	-3.16e-03	-9.01e-06	2.41e-05	-4.64e-06
101	360	-0.01	-6.02e-04	-1.39e-03	1.29e-06	-4.04e-05	-1.43e-06
101	362	0.01	-8.01e-04	-4.66e-03	1.62e-06	4.05e-05	1.20e-06
101	381	3.10e-03	2.80e-03	-3.05e-03	-4.32e-06	1.22e-05	-2.30e-06
102	57	-9.66e-03	-1.67e-04	-8.17e-03	-2.35e-06	-8.96e-05	2.86e-06
102	122	-3.62e-03	-1.56e-03	-3.06e-03	2.79e-06	-1.45e-05	0.0
102	187	-0.04	5.22e-05	-5.10e-03	-1.43e-06	-1.57e-04	-1.41e-06
102	235	-6.88e-03	-4.52e-04	-5.24e-03	0.0	-6.52e-05	2.13e-06
102	267	-2.40e-03	-1.04e-03	-3.06e-03	1.98e-06	-9.63e-06	0.0
102	300	-0.03	-3.05e-04	-2.97e-03	0.0	-1.15e-04	-1.04e-06
102	310	-2.53e-06	-6.81e-04	-3.02e-03	1.42e-06	0.0	0.0
102	313	-0.02	1.81e-04	-2.91e-03	0.0	-7.92e-05	0.0
102	317	-3.36e-03	1.71e-04	-4.60e-03	0.0	-4.17e-05	1.60e-06
102	324	-3.36e-06	0.0	-2.93e-03	0.0	0.0	0.0
102	328	-0.02	-1.44e-03	-3.25e-03	2.74e-06	-8.03e-05	-2.21e-06
102	352	-6.13e-03	-5.78e-03	-3.70e-03	9.58e-06	-2.40e-05	4.66e-06
102	355	-6.88e-03	5.78e-03	-2.24e-03	-8.84e-06	-2.40e-05	-4.63e-06
102	360	-0.01	-6.01e-04	-3.07e-03	1.30e-06	-4.05e-05	-1.43e-06
102	384	-3.10e-03	-2.87e-03	-3.32e-03	4.93e-06	-1.22e-05	2.31e-06
102	387	-3.47e-03	2.88e-03	-2.59e-03	-4.23e-06	-1.21e-05	-2.29e-06
103	50	-0.06	9.21e-05	1.48e-03	-7.59e-06	1.04e-03	3.49e-05
103	73	0.03	-7.66e-04	-0.01	-1.45e-05	3.96e-03	1.23e-05
103	122	-4.77e-03	-1.74e-03	-2.09e-03	0.0	7.17e-04	1.14e-05
103	231	-0.04	-4.21e-04	1.36e-03	0.0	6.08e-04	2.54e-05
103	243	0.02	-1.06e-03	-7.54e-03	-5.80e-06	2.56e-03	4.82e-06
103	244	0.02	-1.24e-03	-6.24e-03	-4.14e-06	2.11e-03	6.57e-06
103	310	1.06e-05	-7.47e-04	-2.85e-03	0.0	7.34e-04	1.28e-05
103	316	-0.03	2.66e-04	-6.59e-05	-1.17e-06	6.39e-04	2.30e-05
103	319	0.02	-2.15e-04	-6.74e-03	-4.82e-06	2.11e-03	7.52e-06
103	324	1.13e-05	2.26e-05	-2.93e-03	0.0	7.34e-04	1.35e-05
103	334	0.03	-1.58e-03	-5.95e-03	1.73e-06	7.05e-04	1.45e-05
103	337	0.03	1.85e-03	-6.35e-03	-2.55e-06	7.07e-04	1.71e-05
103	355	-8.03e-03	6.40e-03	-2.70e-03	-8.42e-06	7.39e-04	1.68e-05
103	366	0.01	-6.58e-04	-4.48e-03	0.0	7.22e-04	1.35e-05
103	369	0.01	9.30e-04	-4.66e-03	-1.45e-06	7.21e-04	1.53e-05
103	387	-4.06e-03	3.19e-03	-2.81e-03	-4.36e-06	7.36e-04	1.51e-05
104	105	0.04	-3.09e-04	-8.36e-03	-4.39e-06	2.02e-04	-1.02e-05
104	141	-3.65e-03	-1.45e-03	-3.52e-03	1.58e-06	-1.38e-05	0.0
104	259	0.03	-5.28e-04	-4.72e-03	-1.03e-06	1.50e-04	-7.37e-06
104	282	-7.80e-03	-9.71e-04	-2.64e-03	1.02e-06	-3.07e-05	0.0
104	289	0.03	1.46e-04	-5.36e-03	-3.14e-06	1.38e-04	-5.24e-06

104	310	-7.62e-05	-6.33e-04	-2.77e-03	0.0	0.0	0.0
104	323	0.03	7.82e-05	-4.48e-03	-1.68e-06	1.17e-04	-5.82e-06
104	324	1.08e-05	0.0	-3.01e-03	0.0	0.0	0.0
104	333	0.02	1.49e-03	-3.22e-03	-2.94e-06	5.07e-05	-5.78e-06
104	344	-8.36e-03	-5.49e-03	-8.01e-04	8.35e-06	-1.40e-05	1.74e-05
104	347	1.78e-04	5.49e-03	-5.23e-03	-9.46e-06	-1.66e-05	-1.75e-05
104	365	7.32e-03	6.71e-04	-3.08e-03	-1.60e-06	2.59e-05	-1.69e-06
104	376	-3.19e-03	-2.50e-03	-2.01e-03	3.43e-06	-7.76e-06	4.72e-06
104	379	-9.33e-04	2.50e-03	-4.01e-03	-4.53e-06	-7.68e-06	-4.73e-06
105	49	-0.04	-9.85e-04	-0.01	-2.81e-06	-1.87e-04	1.09e-05
105	121	-3.63e-03	-1.57e-03	-4.35e-03	2.07e-06	-1.46e-05	0.0
105	231	-0.03	-1.06e-03	-9.61e-03	0.0	-1.37e-04	8.07e-06
105	232	-0.02	-1.19e-03	-7.98e-03	0.0	-1.05e-04	6.07e-06
105	310	-4.78e-06	-6.82e-04	-2.85e-03	0.0	0.0	0.0
105	316	-0.02	-2.82e-04	-7.72e-03	0.0	-9.57e-05	6.03e-06
105	324	-3.94e-06	0.0	-2.93e-03	0.0	0.0	0.0
105	331	-0.02	1.90e-03	-6.36e-03	-3.25e-06	-8.00e-05	-2.52e-06
105	335	-0.02	1.25e-03	-6.31e-03	-2.74e-06	-7.97e-05	2.22e-06
105	350	6.08e-03	-5.95e-03	-1.24e-03	9.04e-06	2.38e-05	5.28e-06
105	363	-0.01	9.43e-04	-4.67e-03	-1.77e-06	-4.06e-05	-1.25e-06
105	367	-0.01	4.89e-04	-4.63e-03	-1.29e-06	-4.06e-05	1.44e-06
105	382	3.07e-03	-2.96e-03	-2.08e-03	4.33e-06	1.20e-05	2.63e-06
106	49	-0.04	-1.15e-04	3.77e-04	-2.79e-06	-1.86e-04	1.08e-05
106	73	0.02	-9.85e-04	-0.01	-2.80e-06	1.14e-04	-1.08e-05
106	121	-3.62e-03	-1.56e-03	-3.19e-03	2.07e-06	-1.44e-05	0.0
106	231	-0.03	-4.13e-04	1.36e-03	0.0	-1.37e-04	8.04e-06
106	243	0.02	-1.06e-03	-7.54e-03	0.0	8.56e-05	-7.95e-06
106	244	0.01	-1.19e-03	-6.24e-03	0.0	6.18e-05	-5.96e-06
106	310	-3.59e-06	-6.81e-04	-2.85e-03	0.0	0.0	0.0
106	316	-0.02	2.00e-04	-6.55e-05	0.0	-9.55e-05	6.01e-06
106	319	0.01	-2.84e-04	-6.74e-03	0.0	7.14e-05	-5.98e-06
106	324	-2.77e-06	0.0	-2.93e-03	0.0	0.0	0.0
106	335	-0.02	1.41e-03	8.11e-05	-2.74e-06	-7.95e-05	2.21e-06
106	337	0.02	1.61e-03	-6.35e-03	-2.95e-06	8.00e-05	-2.41e-06
106	354	6.12e-03	-5.62e-03	-3.16e-03	9.01e-06	2.41e-05	4.64e-06
106	367	-0.01	6.02e-04	-1.39e-03	-1.29e-06	-4.04e-05	1.43e-06
106	369	0.01	8.01e-04	-4.66e-03	-1.62e-06	4.05e-05	-1.20e-06
106	386	3.10e-03	-2.80e-03	-3.05e-03	4.32e-06	1.22e-05	2.30e-06
107	49	-0.04	-5.49e-04	-7.08e-03	-2.87e-06	-1.87e-04	1.09e-05
107	57	-0.01	-1.68e-04	-8.71e-03	-4.49e-06	-8.98e-05	2.28e-06
107	121	-3.63e-03	-1.56e-03	-3.77e-03	2.02e-06	-1.45e-05	0.0
107	231	-0.03	-7.35e-04	-4.12e-03	0.0	-1.37e-04	8.06e-06
107	235	-7.18e-03	-4.53e-04	-5.32e-03	-1.21e-06	-6.54e-05	1.69e-06
107	267	-2.41e-03	-1.04e-03	-2.80e-03	1.32e-06	-9.63e-06	0.0
107	310	-4.18e-06	-6.81e-04	-2.84e-03	0.0	0.0	0.0
107	316	-0.02	-4.09e-05	-3.89e-03	0.0	-9.56e-05	6.02e-06
107	317	-3.59e-03	1.71e-04	-4.79e-03	-1.80e-06	-4.18e-05	1.25e-06
107	324	-3.36e-06	0.0	-2.93e-03	0.0	0.0	0.0
107	335	-0.02	1.44e-03	-3.25e-03	-2.74e-06	-7.96e-05	2.22e-06
107	352	-6.88e-03	-5.78e-03	-2.24e-03	8.84e-06	-2.40e-05	4.63e-06
107	355	-6.13e-03	5.78e-03	-3.70e-03	-9.58e-06	-2.40e-05	-4.66e-06
107	367	-0.01	6.01e-04	-3.07e-03	-1.30e-06	-4.05e-05	1.43e-06
107	384	-3.47e-03	-2.88e-03	-2.59e-03	4.23e-06	-1.21e-05	2.29e-06
107	387	-3.10e-03	2.87e-03	-3.32e-03	-4.93e-06	-1.22e-05	-2.31e-06
108	50	-0.06	1.42e-04	9.87e-04	-1.97e-05	1.14e-03	-4.62e-05
108	73	0.03	-7.01e-04	-0.01	-3.90e-05	4.30e-03	-6.08e-05
108	122	-4.78e-03	-1.72e-03	-1.77e-03	-6.07e-06	7.30e-04	-2.26e-05
108	231	-0.04	-3.91e-04	1.33e-03	-7.75e-06	6.06e-04	-2.55e-05
108	243	0.03	-1.03e-03	-7.60e-03	-1.88e-05	2.73e-03	-3.13e-05
108	244	0.02	-1.21e-03	-6.21e-03	-1.56e-05	2.24e-03	-2.92e-05
108	310	9.25e-06	-7.28e-04	-2.75e-03	-6.99e-06	7.51e-04	-1.94e-05
108	316	-0.03	2.93e-04	-2.40e-04	-8.13e-06	6.43e-04	-2.15e-05
108	319	0.02	-1.84e-04	-6.94e-03	-1.64e-05	2.24e-03	-2.58e-05
108	324	1.13e-05	4.13e-05	-3.01e-03	-7.56e-06	7.52e-04	-1.69e-05
108	337	0.03	1.87e-03	-6.89e-03	-1.02e-05	7.29e-04	-1.85e-05
108	355	-7.28e-03	6.42e-03	-4.26e-03	-1.72e-05	7.73e-04	-2.95e-06
108	366	0.01	-6.40e-04	-4.42e-03	-6.53e-06	7.36e-04	-2.18e-05
108	369	0.01	9.48e-04	-4.97e-03	-8.88e-06	7.40e-04	-1.77e-05
108	387	-3.68e-03	3.21e-03	-3.63e-03	-1.23e-05	7.62e-04	-9.99e-06
109	97	-0.02	-1.06e-03	-0.01	-3.09e-06	-9.46e-05	1.10e-05
109	99	-0.01	-1.54e-03	-9.05e-03	0.0	-7.32e-05	8.69e-06
109	105	0.04	1.03e-04	3.49e-04	-3.56e-06	2.01e-04	-1.03e-05
109	255	-0.01	-1.09e-03	-7.31e-03	0.0	-6.93e-05	8.37e-06
109	256	-9.01e-03	-1.20e-03	-6.24e-03	0.0	-5.36e-05	6.49e-06
109	259	0.03	-2.31e-04	1.41e-03	0.0	1.50e-04	-7.42e-06
109	310	-1.87e-05	-6.48e-04	-2.85e-03	0.0	0.0	0.0
109	322	-7.35e-03	-3.32e-04	-6.08e-03	-1.02e-06	-4.71e-05	5.99e-06

109	323	0.02	3.12e-04	4.59e-04	-1.28e-06	1.17e-04	-5.85e-06
109	324	1.02e-05	0.0	-2.93e-03	0.0	0.0	0.0
109	333	0.01	1.93e-03	-1.10e-03	-2.74e-06	5.06e-05	-5.76e-06
109	335	-0.01	1.65e-03	-5.17e-03	-3.20e-06	-5.15e-05	-4.74e-06
109	348	-5.62e-03	-6.01e-03	-2.85e-03	8.48e-06	-1.41e-05	1.77e-05
109	365	7.06e-03	8.53e-04	-2.00e-03	-1.38e-06	2.58e-05	-1.68e-06
109	367	-6.81e-03	7.13e-04	-4.05e-03	-1.61e-06	-2.59e-05	-1.17e-06
109	380	-2.45e-03	-2.63e-03	-2.93e-03	3.60e-06	-7.84e-06	4.87e-06
110	49	-0.04	-9.84e-04	-0.02	-3.53e-06	-1.87e-04	1.09e-05
110	121	-3.64e-03	-1.57e-03	-4.07e-03	1.77e-06	-1.47e-05	0.0
110	231	-0.03	-1.06e-03	-9.67e-03	0.0	-1.38e-04	8.04e-06
110	232	-0.02	-1.19e-03	-7.95e-03	0.0	-1.06e-04	6.05e-06
110	310	-6.47e-06	-6.82e-04	-2.75e-03	0.0	0.0	0.0
110	316	-0.02	-2.81e-04	-7.91e-03	-1.23e-06	-9.60e-05	6.01e-06
110	324	-3.95e-06	0.0	-3.01e-03	0.0	0.0	0.0
110	331	-0.02	1.90e-03	-6.90e-03	-3.49e-06	-8.00e-05	-2.57e-06
110	340	-0.02	-1.89e-03	-5.54e-03	2.13e-06	-8.01e-05	2.39e-06
110	350	5.25e-03	-5.96e-03	1.67e-04	8.86e-06	2.38e-05	5.32e-06
110	363	-0.01	9.44e-04	-4.98e-03	-2.01e-06	-4.05e-05	-1.28e-06
110	367	-0.01	4.90e-04	-4.85e-03	-1.52e-06	-4.06e-05	1.42e-06
110	382	2.66e-03	-2.96e-03	-1.42e-03	4.14e-06	1.20e-05	2.65e-06
111	49	-0.04	-1.16e-04	-1.47e-04	-3.49e-06	-1.87e-04	1.08e-05
111	73	0.02	-9.80e-04	-0.01	-3.52e-06	1.15e-04	-1.06e-05
111	121	-3.63e-03	-1.56e-03	-2.91e-03	1.78e-06	-1.44e-05	0.0
111	231	-0.03	-4.14e-04	1.33e-03	0.0	-1.37e-04	8.03e-06
111	243	0.02	-1.05e-03	-7.60e-03	0.0	8.60e-05	-7.87e-06
111	244	0.01	-1.19e-03	-6.20e-03	0.0	6.21e-05	-5.89e-06
111	310	-5.26e-06	-6.81e-04	-2.75e-03	0.0	0.0	0.0
111	316	-0.02	1.99e-04	-2.40e-04	-1.21e-06	-9.58e-05	5.99e-06
111	319	0.02	-2.82e-04	-6.94e-03	-1.22e-06	7.17e-05	-5.93e-06
111	324	-2.77e-06	0.0	-3.01e-03	0.0	0.0	0.0
111	337	0.02	1.61e-03	-6.89e-03	-3.19e-06	8.00e-05	-2.38e-06
111	340	-0.02	-1.61e-03	8.61e-04	2.12e-06	-7.99e-05	2.37e-06
111	354	5.37e-03	-5.62e-03	-1.76e-03	8.85e-06	2.41e-05	4.70e-06
111	367	-0.01	6.02e-04	-1.61e-03	-1.52e-06	-4.04e-05	1.41e-06
111	369	0.01	8.00e-04	-4.97e-03	-1.85e-06	4.05e-05	-1.19e-06
111	386	2.72e-03	-2.80e-03	-2.40e-03	4.13e-06	2.33e-05	2.33e-06
112	49	-0.04	-5.49e-04	-7.63e-03	-3.55e-06	-1.87e-04	1.08e-05
112	57	-0.01	-1.68e-04	-9.54e-03	-5.37e-06	-9.05e-05	1.93e-06
112	121	-3.63e-03	-1.56e-03	-3.48e-03	1.74e-06	-1.45e-05	0.0
112	231	-0.03	-7.35e-04	-4.17e-03	0.0	-1.37e-04	8.04e-06
112	235	-7.43e-03	-4.53e-04	-5.58e-03	-1.71e-06	-6.59e-05	1.43e-06
112	267	-2.41e-03	-1.04e-03	-2.62e-03	1.11e-06	-9.64e-06	0.0
112	310	-5.87e-06	-6.81e-04	-2.75e-03	0.0	0.0	0.0
112	316	-0.02	-4.11e-05	-4.07e-03	-1.23e-06	-9.59e-05	6.00e-06
112	317	-3.77e-03	1.71e-04	-5.13e-03	-2.25e-06	-4.22e-05	1.05e-06
112	324	-3.36e-06	0.0	-3.01e-03	0.0	0.0	0.0
112	340	-0.02	-1.64e-03	-2.50e-03	2.09e-06	-7.99e-05	2.38e-06
112	352	-7.63e-03	-5.79e-03	-8.38e-04	8.71e-06	-2.39e-05	4.65e-06
112	355	-5.38e-03	5.78e-03	-5.27e-03	-9.89e-06	-2.40e-05	-4.71e-06
112	367	-0.01	6.01e-04	-3.30e-03	-1.53e-06	-4.05e-05	1.42e-06
112	384	-3.84e-03	-2.88e-03	-1.93e-03	4.05e-06	-1.21e-05	2.31e-06
112	387	-2.73e-03	2.87e-03	-4.13e-03	-5.19e-06	-1.22e-05	-2.34e-06
113	89	0.04	-9.87e-04	-0.01	-1.15e-05	3.30e-03	-7.01e-06
113	141	-7.55e-03	-1.82e-03	-3.75e-03	1.16e-05	9.90e-04	1.89e-05
113	251	0.03	-1.21e-03	-9.33e-03	-1.17e-06	2.26e-03	-5.45e-06
113	252	0.02	-1.37e-03	-7.80e-03	1.34e-06	1.88e-03	-1.19e-06
113	310	1.74e-05	-8.12e-04	-3.28e-03	8.10e-06	7.52e-04	1.44e-05
113	321	0.02	-3.38e-04	-7.84e-03	0.0	1.89e-03	1.59e-06
113	324	2.02e-05	-4.13e-05	-3.01e-03	7.56e-06	7.52e-04	1.69e-05
113	325	0.03	2.76e-03	-5.36e-03	4.58e-06	9.17e-04	2.69e-05
113	334	0.03	-2.85e-03	-7.08e-03	1.16e-05	8.67e-04	-3.83e-06
113	346	3.49e-03	-8.99e-03	-6.81e-03	1.94e-05	7.10e-04	-3.42e-05
113	362	0.01	-6.00e-04	-4.85e-03	8.77e-06	8.26e-04	1.25e-05
113	366	0.01	-1.10e-03	-4.98e-03	9.25e-06	8.22e-04	1.07e-05
113	378	3.65e-03	-3.38e-03	-4.60e-03	1.24e-05	7.66e-04	5.22e-06
114	105	0.04	-7.23e-04	-0.02	-3.59e-06	2.01e-04	-1.03e-05
114	121	-2.49e-03	-1.42e-03	-3.40e-03	1.90e-06	-9.58e-06	0.0
114	259	0.03	-8.26e-04	-0.01	0.0	1.50e-04	-7.45e-06
114	260	0.02	-9.81e-04	-8.54e-03	0.0	1.11e-04	-5.38e-06
114	310	-1.75e-05	-6.19e-04	-2.85e-03	0.0	0.0	0.0
114	323	0.02	-1.56e-04	-8.91e-03	-1.29e-06	1.17e-04	-5.87e-06
114	324	1.14e-05	0.0	-2.93e-03	0.0	0.0	0.0
114	325	0.01	1.64e-03	-5.28e-03	-3.19e-06	5.07e-05	-4.69e-06
114	333	0.01	1.34e-03	-5.26e-03	-3.18e-06	5.07e-05	-5.75e-06
114	344	-5.60e-03	-5.01e-03	-1.60e-03	8.55e-06	-1.39e-05	1.73e-05
114	357	7.02e-03	7.83e-04	-4.11e-03	-1.61e-06	2.60e-05	-1.16e-06

114	365	7.06e-03	6.30e-04	-4.11e-03	-1.60e-06	2.60e-05	-1.69e-06
114	376	-2.44e-03	-2.38e-03	-2.30e-03	3.66e-06	-7.64e-06	4.68e-06
115	73	-0.03	-9.95e-04	-0.01	0.0	-1.43e-04	1.10e-05
115	105	0.03	-1.88e-04	-4.24e-04	0.0	1.14e-04	1.49e-06
115	142	-5.74e-03	-1.56e-03	-4.45e-03	3.01e-06	-2.30e-05	0.0
115	243	-0.02	-1.07e-03	-8.60e-03	1.35e-06	-1.05e-04	8.16e-06
115	244	-0.02	-1.20e-03	-7.45e-03	1.79e-06	-8.11e-05	6.11e-06
115	259	0.02	-4.68e-04	2.47e-04	1.19e-06	8.54e-05	1.11e-06
115	310	0.0	-6.80e-04	-3.27e-03	1.64e-06	0.0	0.0
115	319	-0.01	-2.90e-04	-6.72e-03	0.0	-7.15e-05	6.15e-06
115	323	0.02	1.59e-04	-8.26e-05	0.0	7.12e-05	0.0
115	324	2.77e-06	0.0	-3.01e-03	0.0	0.0	0.0
115	325	0.02	1.94e-03	1.05e-03	-2.90e-06	7.93e-05	6.70e-06
115	328	-0.02	-1.93e-03	-7.08e-03	3.97e-06	-7.95e-05	-6.71e-06
115	343	-1.72e-03	6.71e-03	-1.13e-03	-1.15e-05	-2.59e-05	1.91e-05
115	360	-0.01	-8.00e-04	-4.97e-03	1.85e-06	-4.05e-05	-1.19e-06
115	362	0.01	-6.02e-04	-1.61e-03	1.52e-06	4.04e-05	1.41e-06
115	375	-2.72e-03	2.80e-03	-2.40e-03	-4.13e-06	-1.23e-05	2.33e-06
116	89	0.03	-1.05e-03	-0.01	0.0	1.52e-04	-1.17e-05
116	92	0.02	-1.57e-03	-9.65e-03	1.28e-06	1.10e-04	-8.78e-06
116	105	0.03	-6.71e-05	-9.54e-03	0.0	1.14e-04	1.52e-06
116	251	0.02	-1.11e-03	-9.33e-03	1.27e-06	1.13e-04	-8.68e-06
116	252	0.01	-1.23e-03	-7.80e-03	1.73e-06	8.27e-05	-6.52e-06
116	259	0.02	-3.79e-04	-6.59e-03	1.18e-06	8.56e-05	1.12e-06
116	310	1.43e-06	-6.81e-04	-3.28e-03	1.64e-06	0.0	0.0
116	321	0.02	-3.18e-04	-7.84e-03	0.0	9.23e-05	-6.48e-06
116	323	0.02	2.28e-04	-5.79e-03	0.0	7.15e-05	0.0
116	324	3.95e-06	0.0	-3.01e-03	0.0	0.0	0.0
116	325	0.02	2.50e-03	-5.36e-03	-2.93e-06	8.06e-05	6.72e-06
116	334	0.02	-2.51e-03	-7.08e-03	4.30e-06	7.95e-05	-6.91e-06
116	347	-1.60e-03	7.98e-03	7.79e-04	-1.15e-05	-2.21e-05	1.98e-05
116	362	0.01	-4.90e-04	-4.85e-03	1.52e-06	4.06e-05	1.42e-06
116	366	0.01	-9.44e-04	-4.98e-03	2.01e-06	4.05e-05	-1.28e-06
116	379	-2.66e-03	2.96e-03	-1.42e-03	-4.14e-06	-1.20e-05	2.65e-06
117	81	-7.44e-03	-1.67e-04	-7.87e-03	-1.74e-06	-8.31e-05	3.22e-06
117	105	0.03	-1.28e-04	-4.98e-03	0.0	1.14e-04	1.50e-06
117	142	-5.74e-03	-1.56e-03	-3.53e-03	3.01e-06	-2.29e-05	0.0
117	247	-5.24e-03	-4.53e-04	-5.31e-03	0.0	-6.04e-05	2.38e-06
117	259	0.02	-4.23e-04	-3.17e-03	1.20e-06	8.55e-05	1.11e-06
117	282	-0.01	-1.05e-03	-3.41e-03	2.20e-06	-5.97e-05	0.0
117	310	0.0	-6.80e-04	-3.27e-03	1.65e-06	0.0	0.0
117	320	-2.12e-03	1.71e-04	-4.54e-03	0.0	-3.81e-05	1.81e-06
117	323	0.02	1.93e-04	-2.93e-03	0.0	7.13e-05	0.0
117	324	3.36e-06	0.0	-3.01e-03	0.0	0.0	0.0
117	325	0.02	2.10e-03	-2.31e-03	-2.88e-06	7.94e-05	6.71e-06
117	342	1.73e-03	-7.32e-03	-5.89e-03	1.25e-05	2.58e-05	-1.91e-05
117	345	0.01	7.33e-03	-2.15e-04	-1.13e-05	2.22e-05	1.91e-05
117	362	0.01	-6.01e-04	-3.30e-03	1.53e-06	4.05e-05	1.42e-06
117	374	2.73e-03	-2.87e-03	-4.13e-03	5.19e-06	1.22e-05	-2.34e-06
117	377	3.84e-03	2.88e-03	-1.93e-03	-4.05e-06	1.21e-05	2.31e-06
118	89	0.04	-9.40e-04	-0.01	-1.61e-05	3.59e-03	-4.40e-05
118	141	-7.54e-03	-1.80e-03	-3.25e-03	1.62e-06	9.66e-04	-2.12e-05
118	251	0.03	-1.18e-03	-9.13e-03	-6.10e-06	2.38e-03	-2.50e-05
118	252	0.02	-1.34e-03	-7.53e-03	-4.19e-06	1.97e-03	-2.27e-05
118	310	1.92e-05	-7.93e-04	-3.02e-03	0.0	7.34e-04	-1.42e-05
118	321	0.03	-3.09e-04	-7.80e-03	-4.87e-06	1.98e-03	-2.12e-05
118	324	2.02e-05	-2.26e-05	-2.93e-03	0.0	7.34e-04	-1.35e-05
118	325	0.03	2.78e-03	-5.86e-03	-2.48e-06	8.82e-04	-1.05e-06
118	334	0.03	-2.83e-03	-6.42e-03	2.74e-06	8.59e-04	-1.95e-05
118	346	6.55e-03	-8.97e-03	-4.82e-03	8.85e-06	7.36e-04	-4.09e-05
118	362	0.01	-5.80e-04	-4.63e-03	0.0	8.04e-04	-1.26e-05
118	366	0.01	-1.08e-03	-4.67e-03	1.38e-06	8.04e-04	-1.36e-05
118	378	4.07e-03	-3.36e-03	-3.79e-03	4.06e-06	7.53e-04	-1.76e-05
119	105	0.04	-3.09e-04	-7.69e-03	-3.64e-06	2.01e-04	-1.03e-05
119	141	-3.51e-03	-1.45e-03	-3.78e-03	1.85e-06	-1.38e-05	0.0
119	259	0.03	-5.28e-04	-4.57e-03	0.0	1.50e-04	-7.44e-06
119	282	-7.69e-03	-9.70e-04	-2.81e-03	1.21e-06	-3.06e-05	0.0
119	289	0.03	1.46e-04	-4.88e-03	-2.69e-06	1.37e-04	-5.20e-06
119	310	-1.81e-05	-6.33e-04	-2.85e-03	0.0	0.0	0.0
119	323	0.02	7.84e-05	-4.22e-03	-1.31e-06	1.17e-04	-5.86e-06
119	324	1.08e-05	0.0	-2.93e-03	0.0	0.0	0.0
119	333	0.01	1.49e-03	-2.75e-03	-2.71e-06	5.07e-05	-5.75e-06
119	344	-5.60e-03	-5.49e-03	-2.13e-03	8.49e-06	-1.40e-05	1.73e-05
119	347	-2.58e-03	5.49e-03	-3.74e-03	-9.15e-06	-1.66e-05	-1.73e-05
119	365	7.06e-03	6.71e-04	-2.82e-03	-1.38e-06	2.59e-05	-1.68e-06
119	376	-2.44e-03	-2.50e-03	-2.56e-03	3.61e-06	-7.74e-06	4.69e-06
119	379	-1.69e-03	2.50e-03	-3.30e-03	-4.27e-06	-7.70e-06	-4.69e-06

120	73	-0.03	-9.91e-04	-0.01	-1.13e-06	-1.43e-04	1.09e-05
120	105	0.03	-1.82e-04	-5.74e-04	-1.20e-06	1.14e-04	1.34e-06
120	142	-5.73e-03	-1.56e-03	-3.98e-03	2.79e-06	-2.30e-05	0.0
120	243	-0.02	-1.06e-03	-8.39e-03	1.03e-06	-1.05e-04	8.09e-06
120	244	-0.02	-1.19e-03	-7.17e-03	1.50e-06	-8.10e-05	6.06e-06
120	259	0.02	-4.63e-04	4.31e-04	0.0	8.53e-05	0.0
120	310	1.94e-06	-6.80e-04	-3.02e-03	1.41e-06	0.0	0.0
120	319	-0.01	-2.87e-04	-6.67e-03	0.0	-7.13e-05	6.08e-06
120	323	0.02	1.62e-04	-5.64e-05	0.0	7.12e-05	0.0
120	324	2.76e-06	0.0	-2.93e-03	0.0	0.0	0.0
120	325	0.02	1.94e-03	5.55e-04	-3.10e-06	8.04e-05	6.70e-06
120	328	-0.02	-1.94e-03	-6.42e-03	3.72e-06	-8.06e-05	-6.71e-06
120	343	-4.73e-03	6.71e-03	-2.94e-03	-1.16e-05	-2.23e-05	1.90e-05
120	360	-0.01	-8.01e-04	-4.66e-03	1.62e-06	-4.05e-05	-1.20e-06
120	362	0.01	-6.02e-04	-1.39e-03	1.29e-06	4.04e-05	1.43e-06
120	375	-3.10e-03	2.80e-03	-3.05e-03	-4.32e-06	-1.22e-05	2.30e-06
121	89	0.03	-1.04e-03	-0.01	-1.29e-06	1.51e-04	-1.15e-05
121	92	0.02	-1.57e-03	-9.45e-03	0.0	1.10e-04	-8.65e-06
121	105	0.03	-7.35e-05	-9.68e-03	-1.21e-06	1.14e-04	1.37e-06
121	251	0.02	-1.10e-03	-9.13e-03	0.0	1.13e-04	-8.55e-06
121	252	0.02	-1.22e-03	-7.53e-03	1.41e-06	8.25e-05	-6.42e-06
121	259	0.02	-3.83e-04	-6.40e-03	0.0	8.56e-05	1.01e-06
121	310	3.11e-06	-6.81e-04	-3.02e-03	1.41e-06	0.0	0.0
121	321	0.02	-3.15e-04	-7.80e-03	0.0	9.22e-05	-6.39e-06
121	323	0.02	2.24e-04	-5.76e-03	0.0	7.14e-05	0.0
121	324	3.94e-06	0.0	-2.93e-03	0.0	0.0	0.0
121	325	0.02	2.50e-03	-5.85e-03	-3.15e-06	8.06e-05	6.73e-06
121	334	0.02	-2.50e-03	-6.42e-03	4.06e-06	7.95e-05	-6.83e-06
121	347	-4.69e-03	7.97e-03	-1.04e-03	-1.17e-05	-2.21e-05	1.96e-05
121	362	0.01	-4.89e-04	-4.63e-03	1.29e-06	4.06e-05	1.44e-06
121	366	0.01	-9.43e-04	-4.67e-03	1.77e-06	4.06e-05	-1.25e-06
121	379	-3.07e-03	2.96e-03	-2.08e-03	-4.33e-06	-1.20e-05	2.63e-06
122	81	-7.94e-03	-1.67e-04	-8.17e-03	-2.35e-06	-2.37e-05	2.86e-06
122	105	0.03	-1.28e-04	-5.12e-03	-1.17e-06	1.14e-04	1.35e-06
122	142	-5.73e-03	-1.56e-03	-3.06e-03	2.78e-06	-2.29e-05	0.0
122	247	-5.60e-03	-4.53e-04	-5.24e-03	0.0	-6.01e-05	2.12e-06
122	259	0.02	-4.24e-04	-2.98e-03	0.0	8.54e-05	0.0
122	282	-0.01	-1.05e-03	-3.06e-03	1.98e-06	-5.97e-05	0.0
122	310	2.52e-06	-6.81e-04	-3.02e-03	1.42e-06	0.0	0.0
122	320	-2.40e-03	1.71e-04	-4.60e-03	0.0	-3.79e-05	1.61e-06
122	323	0.02	1.93e-04	-2.91e-03	0.0	7.13e-05	0.0
122	324	3.35e-06	0.0	-2.93e-03	0.0	0.0	0.0
122	325	0.02	2.10e-03	-2.79e-03	-3.07e-06	8.05e-05	6.70e-06
122	342	4.73e-03	-7.32e-03	-3.91e-03	1.22e-05	2.22e-05	-1.90e-05
122	345	8.27e-03	7.32e-03	-2.03e-03	-1.14e-05	2.58e-05	1.89e-05
122	362	0.01	-6.01e-04	-3.07e-03	1.30e-06	4.05e-05	1.43e-06
122	374	3.10e-03	-2.87e-03	-3.32e-03	4.93e-06	1.22e-05	-2.31e-06
122	377	3.47e-03	2.88e-03	-2.59e-03	-4.23e-06	1.21e-05	2.29e-06
123	89	0.04	-7.85e-04	-0.01	-1.40e-05	3.92e-03	1.01e-05
123	142	-7.54e-03	-1.74e-03	-1.75e-03	0.0	6.90e-04	1.26e-05
123	251	0.03	-1.08e-03	-9.08e-03	-5.43e-06	2.54e-03	3.13e-06
123	252	0.02	-1.25e-03	-7.40e-03	-3.89e-06	2.08e-03	5.40e-06
123	310	2.11e-05	-7.48e-04	-2.85e-03	0.0	7.34e-04	1.27e-05
123	321	0.03	-2.26e-04	-7.90e-03	-4.51e-06	2.09e-03	5.95e-06
123	324	2.02e-05	2.26e-05	-2.93e-03	0.0	7.34e-04	1.35e-05
123	325	0.03	2.83e-03	-6.43e-03	-2.75e-06	8.64e-04	1.95e-05
123	334	0.03	-2.78e-03	-5.84e-03	2.48e-06	8.77e-04	1.04e-06
123	341	6.99e-03	8.97e-03	-4.86e-03	-8.88e-06	7.54e-04	4.09e-05
123	357	0.01	1.08e-03	-4.67e-03	-1.38e-06	8.04e-04	1.36e-05
123	369	0.01	5.80e-04	-4.63e-03	0.0	8.04e-04	1.26e-05
123	373	4.07e-03	3.36e-03	-3.79e-03	-4.06e-06	7.53e-04	1.76e-05
124	105	0.06	-3.70e-04	-0.02	-4.05e-05	4.20e-03	-5.66e-05
124	142	-4.74e-03	-1.57e-03	-1.84e-03	-6.22e-06	6.84e-04	-2.37e-05
124	259	0.04	-7.42e-04	-0.01	-1.99e-05	2.67e-03	-2.76e-05
124	282	-0.01	-1.03e-03	-1.42e-03	-7.82e-06	6.57e-04	-2.62e-05
124	289	0.04	1.84e-04	-0.01	-2.57e-05	2.68e-03	-4.35e-05
124	310	-5.74e-05	-6.60e-04	-2.77e-03	-7.03e-06	7.48e-04	-1.87e-05
124	323	0.04	-2.01e-05	-9.18e-03	-1.72e-05	2.20e-03	-2.26e-05
124	324	2.94e-05	4.12e-05	-3.01e-03	-7.56e-06	7.48e-04	-1.69e-05
124	325	0.02	1.92e-03	-5.81e-03	-1.12e-05	1.04e-03	1.94e-06
124	333	0.02	1.57e-03	-5.75e-03	-1.12e-05	1.04e-03	1.31e-06
124	341	9.64e-03	5.76e-03	-5.76e-03	-1.66e-05	8.55e-04	4.50e-06
124	357	9.29e-03	9.30e-04	-4.40e-03	-9.24e-06	8.93e-04	-8.23e-06
124	365	9.39e-03	7.58e-04	-4.37e-03	-9.25e-06	8.94e-04	-8.54e-06
124	373	3.85e-03	2.74e-03	-4.28e-03	-1.16e-05	7.90e-04	-8.69e-06
125	73	-0.03	-9.87e-04	-0.01	-2.80e-06	-1.43e-04	1.08e-05
125	74	-0.03	-9.87e-04	-0.01	-2.68e-06	-1.43e-04	1.08e-05

125	141	-5.72e-03	-1.57e-03	-4.69e-03	2.08e-06	-2.30e-05	0.0
125	243	-0.02	-1.06e-03	-8.31e-03	0.0	-1.05e-04	7.99e-06
125	244	-0.02	-1.19e-03	-7.01e-03	0.0	-8.11e-05	5.99e-06
125	251	0.02	-4.28e-04	-1.71e-05	0.0	1.13e-04	-8.30e-06
125	310	3.58e-06	-6.81e-04	-2.85e-03	0.0	0.0	0.0
125	319	-0.01	-2.84e-04	-6.74e-03	0.0	-7.14e-05	5.98e-06
125	321	0.02	1.90e-04	-5.22e-04	-1.06e-06	9.20e-05	-6.23e-06
125	324	2.76e-06	0.0	-2.93e-03	0.0	0.0	0.0
125	334	0.02	-1.94e-03	5.46e-04	3.10e-06	7.93e-05	-6.70e-06
125	335	-0.02	1.94e-03	-6.41e-03	-3.72e-06	-7.95e-05	6.72e-06
125	348	-5.09e-03	-6.71e-03	-2.97e-03	1.16e-05	-2.59e-05	-1.90e-05
125	367	-0.01	8.01e-04	-4.66e-03	-1.62e-06	-4.05e-05	1.20e-06
125	369	0.01	6.02e-04	-1.39e-03	-1.29e-06	4.04e-05	-1.43e-06
125	380	-3.10e-03	-2.80e-03	-3.05e-03	4.32e-06	-1.22e-05	-2.30e-06
126	74	-0.03	-1.25e-04	-2.69e-04	-2.65e-06	-1.43e-04	1.07e-05
126	89	0.03	-1.03e-03	-0.01	-3.15e-06	1.52e-04	-1.12e-05
126	141	-5.72e-03	-1.56e-03	-2.86e-03	2.08e-06	-2.28e-05	0.0
126	251	0.02	-1.09e-03	-9.08e-03	0.0	1.13e-04	-8.33e-06
126	252	0.02	-1.22e-03	-7.40e-03	0.0	8.27e-05	-6.25e-06
126	310	4.77e-06	-6.82e-04	-2.85e-03	0.0	0.0	0.0
126	321	0.02	-3.09e-04	-7.90e-03	-1.07e-06	9.23e-05	-6.25e-06
126	324	3.94e-06	0.0	-2.93e-03	0.0	0.0	0.0
126	325	0.02	2.50e-03	-6.43e-03	-4.06e-06	8.06e-05	6.83e-06
126	334	0.02	-2.50e-03	-5.84e-03	3.15e-06	7.95e-05	-6.73e-06
126	344	-5.05e-03	-7.97e-03	-1.00e-03	1.17e-05	-2.57e-05	-1.97e-05
126	357	0.01	9.43e-04	-4.67e-03	-1.77e-06	4.06e-05	1.25e-06
126	369	0.01	4.89e-04	-4.63e-03	-1.29e-06	4.06e-05	-1.44e-06
126	376	-3.07e-03	-2.96e-03	-2.08e-03	4.33e-06	-1.20e-05	-2.63e-06
127	74	-0.03	-5.55e-04	-5.98e-03	-2.73e-06	-1.43e-04	1.08e-05
127	81	-8.34e-03	-1.68e-04	-8.71e-03	-4.49e-06	-8.29e-05	2.26e-06
127	141	-5.72e-03	-1.56e-03	-3.77e-03	2.03e-06	-2.29e-05	0.0
127	247	-5.90e-03	-4.53e-04	-5.32e-03	-1.20e-06	-6.03e-05	1.66e-06
127	251	0.02	-7.60e-04	-4.54e-03	0.0	1.13e-04	-8.31e-06
127	282	-0.01	-1.05e-03	-2.80e-03	1.34e-06	-5.97e-05	0.0
127	310	4.18e-06	-6.81e-04	-2.84e-03	0.0	0.0	0.0
127	320	-2.63e-03	1.71e-04	-4.79e-03	-1.80e-06	-3.80e-05	1.24e-06
127	321	0.02	-5.96e-05	-4.21e-03	-1.09e-06	9.22e-05	-6.24e-06
127	324	3.35e-06	0.0	-2.93e-03	0.0	0.0	0.0
127	334	0.02	-2.10e-03	-2.78e-03	3.07e-06	7.94e-05	-6.71e-06
127	342	7.91e-03	-7.32e-03	-2.03e-03	1.14e-05	2.22e-05	-1.90e-05
127	345	5.10e-03	7.32e-03	-3.91e-03	-1.22e-05	2.58e-05	1.90e-05
127	369	0.01	6.01e-04	-3.07e-03	-1.30e-06	4.05e-05	-1.43e-06
127	374	3.47e-03	-2.88e-03	-2.59e-03	4.23e-06	1.21e-05	-2.29e-06
127	377	3.10e-03	2.87e-03	-3.32e-03	-4.93e-06	1.22e-05	2.31e-06
128	89	0.04	-7.12e-04	-0.01	-4.08e-05	4.26e-03	-5.69e-05
128	142	-7.54e-03	-1.73e-03	-1.43e-03	-6.18e-06	7.03e-04	-2.45e-05
128	251	0.03	-1.04e-03	-9.19e-03	-2.01e-05	2.71e-03	-2.83e-05
128	252	0.02	-1.22e-03	-7.40e-03	-1.67e-05	2.21e-03	-2.71e-05
128	310	2.31e-05	-7.29e-04	-2.75e-03	-7.02e-06	7.51e-04	-1.95e-05
128	321	0.03	-1.90e-04	-8.13e-03	-1.74e-05	2.22e-03	-2.31e-05
128	324	2.02e-05	4.12e-05	-3.01e-03	-7.56e-06	7.52e-04	-1.69e-05
128	325	0.03	2.85e-03	-7.09e-03	-1.17e-05	8.73e-04	4.07e-06
128	334	0.03	-2.76e-03	-5.35e-03	-4.46e-06	9.11e-04	-2.72e-05
128	341	3.95e-03	8.99e-03	-6.85e-03	-1.98e-05	7.30e-04	3.50e-05
128	357	0.01	1.10e-03	-4.98e-03	-9.25e-06	8.22e-04	-1.07e-05
128	369	0.01	6.00e-04	-4.85e-03	-8.77e-06	8.26e-04	-1.25e-05
128	373	3.65e-03	3.38e-03	-4.60e-03	-1.24e-05	7.66e-04	-5.22e-06
129	97	-0.01	-6.15e-04	-7.17e-03	0.0	-9.44e-05	1.18e-05
129	127	0.04	-2.56e-04	-6.02e-03	-1.01e-06	1.84e-04	-6.45e-06
129	142	-3.25e-03	-1.45e-03	-3.49e-03	2.83e-06	-1.38e-05	0.0
129	255	-8.66e-03	-7.55e-04	-4.79e-03	1.26e-06	-6.92e-05	8.96e-06
129	270	0.03	-1.02e-04	-4.42e-03	0.0	1.37e-04	-4.82e-06
129	282	-7.53e-03	-9.70e-04	-3.37e-03	2.07e-06	-3.07e-05	0.0
129	310	9.79e-05	-6.33e-04	-3.25e-03	1.57e-06	0.0	0.0
129	311	0.02	3.61e-04	-3.68e-03	0.0	1.08e-04	-3.84e-06
129	322	-5.34e-03	-9.17e-05	-4.16e-03	0.0	-4.70e-05	6.46e-06
129	324	1.08e-05	0.0	-3.01e-03	0.0	0.0	0.0
129	326	0.02	-1.49e-03	-3.23e-03	2.95e-06	5.15e-05	5.78e-06
129	344	-2.22e-06	-5.49e-03	-5.24e-03	9.46e-06	-1.39e-05	1.75e-05
129	347	-8.18e-03	5.49e-03	-7.86e-04	-8.36e-06	-1.67e-05	-1.74e-05
129	358	7.32e-03	6.71e-04	-3.08e-03	1.60e-06	2.59e-05	1.69e-06
129	376	-9.33e-04	-2.50e-03	-4.01e-03	4.53e-06	-7.68e-06	4.73e-06
129	379	-3.19e-03	2.50e-03	-2.01e-03	-3.43e-06	-7.76e-06	-4.72e-06
130	73	-0.03	-9.84e-04	-0.01	-3.51e-06	-1.44e-04	1.07e-05
130	89	0.03	-1.41e-04	-2.19e-03	-3.90e-06	1.52e-04	-1.10e-05
130	141	-5.73e-03	-1.57e-03	-4.40e-03	1.79e-06	-2.31e-05	0.0
130	243	-0.02	-1.06e-03	-8.37e-03	0.0	-1.05e-04	7.92e-06

135	311	0.02	5.15e-04	6.31e-04	0.0	1.08e-04	-3.85e-06
135	322	-5.35e-03	-3.50e-04	-6.04e-03	0.0	-4.71e-05	6.45e-06
135	324	1.03e-05	0.0	-3.01e-03	0.0	0.0	0.0
135	326	0.02	-1.93e-03	-1.59e-03	2.95e-06	5.14e-05	5.78e-06
135	343	-8.24e-03	6.01e-03	-1.50e-03	-8.29e-06	-1.68e-05	-1.78e-05
135	344	-2.78e-06	-5.93e-03	-5.75e-03	9.51e-06	-1.40e-05	1.75e-05
135	358	7.32e-03	-8.53e-04	-2.26e-03	1.60e-06	2.58e-05	1.69e-06
135	360	-6.61e-03	-7.13e-04	-4.33e-03	1.85e-06	-2.59e-05	1.19e-06
135	375	-3.22e-03	2.63e-03	-2.38e-03	-3.39e-06	-7.86e-06	-4.89e-06
136	105	0.04	-7.30e-04	-0.02	-1.23e-06	2.01e-04	-1.06e-05
136	127	0.04	-5.13e-04	-0.01	-1.05e-06	1.85e-04	-6.43e-06
136	142	-3.25e-03	-1.42e-03	-2.94e-03	2.82e-06	-1.37e-05	0.0
136	259	0.03	-8.32e-04	-0.01	0.0	1.50e-04	-7.61e-06
136	260	0.02	-9.85e-04	-8.85e-03	1.40e-06	1.11e-04	-5.50e-06
136	270	0.03	-2.95e-04	-9.92e-03	0.0	1.38e-04	-4.81e-06
136	310	9.84e-05	-6.18e-04	-3.26e-03	1.57e-06	0.0	0.0
136	311	0.02	2.07e-04	-8.00e-03	0.0	1.08e-04	-3.84e-06
136	323	0.02	-1.60e-04	-8.78e-03	0.0	1.17e-04	-5.97e-06
136	324	1.14e-05	0.0	-3.01e-03	0.0	0.0	0.0
136	326	0.02	-1.34e-03	-5.75e-03	3.44e-06	5.07e-05	5.78e-06
136	334	0.01	-1.64e-03	-5.81e-03	3.44e-06	5.07e-05	4.70e-06
136	347	-8.18e-03	5.01e-03	-2.68e-04	-8.40e-06	-1.37e-05	-1.74e-05
136	358	7.32e-03	-6.30e-04	-4.37e-03	1.85e-06	2.60e-05	1.69e-06
136	366	7.22e-03	-7.83e-04	-4.40e-03	1.85e-06	2.59e-05	1.15e-06
136	379	-3.19e-03	2.38e-03	-1.75e-03	-3.46e-06	-7.57e-06	-4.71e-06
137	49	-0.07	-2.81e-03	-0.83	-4.78e-04	-4.07e-03	8.71e-05
137	52	-0.05	-3.21e-03	-0.58	-2.91e-04	-2.81e-03	5.55e-05
137	231	-0.05	-2.06e-03	-0.53	-2.43e-04	-2.57e-03	4.19e-05
137	232	-0.04	-2.25e-03	-0.43	-1.97e-04	-2.11e-03	3.27e-05
137	310	-4.98e-03	-1.24e-03	-0.15	-5.68e-05	-7.40e-04	2.12e-06
137	316	-0.03	-6.78e-04	-0.43	-1.97e-04	-2.11e-03	2.97e-05
137	324	-4.86e-03	-4.12e-05	-0.15	-5.69e-05	-7.38e-04	0.0
137	339	-0.03	3.44e-03	-0.18	-7.05e-05	-8.59e-04	-5.52e-06
137	340	-0.03	-3.00e-03	-0.18	-5.90e-05	-8.65e-04	7.05e-06
137	350	1.60e-03	-0.01	-0.14	-3.55e-05	-7.10e-04	2.06e-05
137	371	-0.02	1.69e-03	-0.17	-6.38e-05	-8.00e-04	-2.79e-06
137	372	-0.02	-1.51e-03	-0.17	-5.81e-05	-8.03e-04	3.46e-06
137	382	-1.58e-03	-5.45e-03	-0.15	-4.62e-05	-7.24e-04	1.02e-05
138	49	-0.07	-3.75e-03	-0.77	-3.68e-04	-3.74e-03	1.06e-04
138	52	-0.05	-3.94e-03	-0.53	-2.25e-04	-2.60e-03	6.82e-05
138	231	-0.05	-2.83e-03	-0.49	-1.72e-04	-2.41e-03	5.16e-05
138	316	-0.03	-1.23e-03	-0.41	-1.29e-04	-1.98e-03	3.75e-05
138	324	-4.88e-03	1.95e-05	-0.15	2.59e-06	-7.24e-04	2.04e-06
138	335	-0.03	2.56e-03	-0.18	-1.19e-06	-8.45e-04	-3.32e-06
138	339	-0.03	3.42e-03	-0.18	-2.75e-06	-8.45e-04	-5.32e-06
138	351	-0.01	0.01	-0.16	-1.13e-05	-7.57e-04	-2.07e-05
138	368	-0.02	-7.89e-04	-0.16	3.45e-06	-7.87e-04	3.87e-06
138	371	-0.02	1.71e-03	-0.16	0.0	-7.86e-04	-1.62e-06
138	383	-8.79e-03	5.36e-03	-0.15	-4.34e-06	-7.41e-04	-9.24e-06
139	49	-0.06	-4.94e-03	-0.70	-3.88e-04	-3.42e-03	1.03e-04
139	187	-0.06	2.22e-05	-0.26	-1.62e-04	-1.23e-03	3.05e-05
139	231	-0.04	-3.71e-03	-0.47	-1.66e-04	-2.27e-03	4.92e-05
139	300	-0.05	-6.74e-05	-0.13	1.59e-06	-6.37e-04	-4.66e-06
139	313	-0.03	6.62e-04	-0.14	0.0	-6.55e-04	-5.10e-06
139	316	-0.03	-1.89e-03	-0.39	-1.25e-04	-1.88e-03	3.46e-05
139	324	-4.88e-03	-1.95e-05	-0.15	-2.59e-06	-7.24e-04	-2.04e-06
139	328	-0.03	-2.56e-03	-0.18	1.34e-06	-8.45e-04	3.25e-06
139	332	-0.03	-3.42e-03	-0.18	2.75e-06	-8.45e-04	5.32e-06
139	356	-0.01	-0.01	-0.16	1.13e-05	-7.57e-04	2.07e-05
139	359	-0.02	7.89e-04	-0.16	-3.45e-06	-7.87e-04	-3.87e-06
139	364	-0.02	-1.71e-03	-0.16	0.0	-7.86e-04	1.62e-06
139	388	-8.79e-03	-5.36e-03	-0.15	4.34e-06	-7.41e-04	9.24e-06
140	49	-0.06	-6.01e-03	-0.65	-2.51e-04	-3.14e-03	1.08e-04
140	187	-0.06	5.69e-04	-0.24	-4.92e-05	-1.13e-03	3.37e-05
140	231	-0.04	-4.53e-03	-0.44	-8.47e-05	-2.14e-03	5.30e-05
140	300	-0.05	3.20e-04	-0.14	6.38e-05	-6.54e-04	-1.84e-06
140	313	-0.03	9.79e-04	-0.14	5.68e-05	-6.70e-04	-2.23e-06
140	316	-0.03	-2.46e-03	-0.37	-4.96e-05	-1.79e-03	3.81e-05
140	324	-4.86e-03	4.12e-05	-0.15	5.69e-05	-7.38e-04	0.0
140	331	-0.03	3.00e-03	-0.18	5.90e-05	-8.65e-04	-7.05e-06
140	332	-0.03	-3.44e-03	-0.18	7.05e-05	-8.59e-04	5.52e-06
140	353	1.60e-03	0.01	-0.14	3.55e-05	-7.10e-04	-2.06e-05
140	363	-0.02	1.51e-03	-0.17	5.81e-05	-8.03e-04	-3.46e-06
140	364	-0.02	-1.69e-03	-0.17	6.38e-05	-8.00e-04	2.79e-06
140	385	-1.58e-03	5.45e-03	-0.15	4.62e-05	-7.24e-04	-1.02e-05
141	49	-0.05	1.77e-04	-0.23	-5.80e-05	-1.13e-03	3.50e-05
141	73	-0.04	-6.00e-03	-0.65	-2.51e-04	-3.14e-03	1.08e-04

141	231	-0.03	6.38e-05	-0.14	5.82e-05	-6.57e-04	-1.06e-06
141	243	-0.03	-4.51e-03	-0.44	-8.47e-05	-2.14e-03	5.29e-05
141	316	-0.02	9.49e-04	-0.14	5.76e-05	-6.79e-04	-2.34e-06
141	319	-0.02	-2.48e-03	-0.37	-4.96e-05	-1.79e-03	3.82e-05
141	324	-4.85e-03	4.12e-05	-0.15	5.69e-05	-7.38e-04	0.0
141	328	-0.04	-2.14e-03	-0.16	6.08e-05	-7.35e-04	7.14e-06
141	347	-9.56e-03	7.96e-03	-0.15	3.77e-05	-7.13e-04	-2.06e-05
141	348	-0.02	-7.75e-03	-0.16	7.51e-05	-7.57e-04	2.12e-05
141	363	-0.02	1.15e-03	-0.15	5.47e-05	-7.34e-04	-1.73e-06
141	379	-9.65e-03	4.13e-03	-0.15	4.89e-05	-7.40e-04	-5.66e-06
141	380	-8.73e-03	-3.99e-03	-0.15	6.44e-05	-7.32e-04	6.07e-06
142	49	-0.05	-3.25e-04	-0.25	-1.63e-04	-1.23e-03	3.17e-05
142	73	-0.05	-4.93e-03	-0.70	-3.88e-04	-3.42e-03	1.03e-04
142	231	-0.03	-2.90e-04	-0.13	1.02e-06	-6.41e-04	-3.93e-06
142	243	-0.03	-3.70e-03	-0.46	-1.66e-04	-2.27e-03	4.91e-05
142	316	-0.02	6.58e-04	-0.14	0.0	-6.63e-04	-5.15e-06
142	319	-0.02	-1.90e-03	-0.39	-1.25e-04	-1.88e-03	3.47e-05
142	324	-4.87e-03	-1.95e-05	-0.15	-2.59e-06	-7.24e-04	-2.04e-06
142	328	-0.03	-2.27e-03	-0.15	1.84e-06	-7.17e-04	3.70e-06
142	344	-0.02	-7.71e-03	-0.15	1.56e-05	-7.29e-04	1.89e-05
142	346	2.22e-03	-7.76e-03	-0.15	1.62e-05	-7.34e-04	1.92e-05
142	360	-0.02	-1.19e-03	-0.15	-1.49e-06	-7.19e-04	0.0
142	363	-0.02	1.02e-03	-0.15	-4.37e-06	-7.20e-04	-4.68e-06
142	378	-3.58e-04	-4.03e-03	-0.15	3.09e-06	-7.24e-04	4.43e-06
143	73	-0.05	-3.76e-03	-0.77	-3.68e-04	-3.74e-03	1.06e-04
143	76	-0.04	-3.93e-03	-0.53	-2.24e-04	-2.60e-03	6.81e-05
143	243	-0.04	-2.82e-03	-0.49	-1.72e-04	-2.41e-03	5.16e-05
143	319	-0.03	-1.23e-03	-0.41	-1.29e-04	-1.99e-03	3.75e-05
143	324	-4.87e-03	1.95e-05	-0.15	2.59e-06	-7.24e-04	2.04e-06
143	335	-0.03	2.27e-03	-0.15	-1.88e-06	-7.17e-04	-3.76e-06
143	341	2.62e-03	7.76e-03	-0.15	-1.64e-05	-7.34e-04	-1.95e-05
143	347	-0.01	7.72e-03	-0.15	-1.57e-05	-7.28e-04	-1.91e-05
143	367	-0.02	1.19e-03	-0.15	1.49e-06	-7.19e-04	0.0
143	372	-0.02	-1.02e-03	-0.15	4.37e-06	-7.20e-04	4.68e-06
143	373	-3.58e-04	4.03e-03	-0.15	-3.09e-06	-7.24e-04	-4.43e-06
144	73	-0.05	-2.84e-03	-0.83	-4.78e-04	-4.07e-03	8.71e-05
144	76	-0.04	-3.22e-03	-0.57	-2.91e-04	-2.81e-03	5.54e-05
144	243	-0.04	-2.06e-03	-0.53	-2.43e-04	-2.57e-03	4.18e-05
144	244	-0.03	-2.25e-03	-0.43	-1.96e-04	-2.11e-03	3.26e-05
144	310	-4.97e-03	-1.23e-03	-0.15	-5.65e-05	-7.39e-04	1.99e-06
144	319	-0.03	-6.66e-04	-0.43	-1.97e-04	-2.11e-03	2.98e-05
144	324	-4.85e-03	-4.12e-05	-0.15	-5.69e-05	-7.38e-04	0.0
144	335	-0.03	2.14e-03	-0.16	-6.10e-05	-7.21e-04	-7.23e-06
144	343	-0.02	7.76e-03	-0.16	-7.56e-05	-7.13e-04	-2.15e-05
144	344	-9.99e-03	-7.96e-03	-0.15	-3.72e-05	-7.57e-04	2.08e-05
144	372	-0.02	-1.15e-03	-0.15	-5.47e-05	-7.34e-04	1.73e-06
144	375	-8.73e-03	3.99e-03	-0.15	-6.44e-05	-7.32e-04	-6.07e-06
144	376	-9.65e-03	-4.13e-03	-0.15	-4.89e-05	-7.40e-04	5.66e-06
145	97	-0.03	-2.28e-03	-0.82	-5.04e-04	-3.93e-03	8.80e-05
145	106	0.05	-7.67e-04	-0.23	-1.74e-04	-1.19e-03	2.54e-05
145	152	-0.02	-3.20e-03	-0.18	-1.09e-04	-8.80e-04	1.69e-05
145	252	-0.02	-2.20e-03	-0.37	-1.64e-04	-1.83e-03	2.67e-05
145	255	-0.02	-1.64e-03	-0.52	-2.63e-04	-2.47e-03	4.26e-05
145	259	0.04	-5.21e-04	-0.13	-4.41e-05	-6.51e-04	-2.90e-06
145	310	-5.01e-03	-1.23e-03	-0.15	-5.70e-05	-7.40e-04	2.24e-06
145	322	-0.02	-3.29e-04	-0.43	-2.12e-04	-2.04e-03	3.02e-05
145	323	0.03	5.14e-04	-0.13	-4.75e-05	-6.77e-04	-3.93e-06
145	324	-4.84e-03	-4.12e-05	-0.15	-5.69e-05	-7.38e-04	0.0
145	334	0.01	-3.82e-03	-0.18	-7.98e-05	-8.81e-04	1.48e-05
145	336	-0.03	-4.79e-03	-0.13	-6.46e-05	-6.25e-04	1.10e-05
145	344	-0.02	-0.01	-0.15	-1.06e-04	-7.51e-04	4.29e-05
145	368	-0.02	-1.82e-03	-0.14	-5.14e-05	-6.74e-04	2.61e-06
145	369	5.58e-03	1.11e-03	-0.17	-6.31e-05	-8.03e-04	-1.02e-06
145	376	-9.09e-03	-5.28e-03	-0.15	-5.05e-05	-7.24e-04	1.19e-05
146	97	-0.03	-3.72e-03	-0.76	-3.24e-04	-3.61e-03	9.16e-05
146	100	-0.02	-3.90e-03	-0.52	-1.92e-04	-2.50e-03	5.76e-05
146	106	0.05	-3.32e-05	-0.21	-1.13e-04	-1.08e-03	3.55e-05
146	255	-0.02	-2.79e-03	-0.49	-1.40e-04	-2.32e-03	4.10e-05
146	259	0.04	-4.79e-05	-0.13	1.43e-05	-6.45e-04	0.0
146	322	-0.01	-1.20e-03	-0.40	-1.04e-04	-1.92e-03	2.94e-05
146	323	0.03	8.59e-04	-0.13	1.12e-05	-6.69e-04	-1.01e-06
146	324	-4.86e-03	1.95e-05	-0.15	2.59e-06	-7.24e-04	2.04e-06
146	334	0.01	-4.01e-03	-0.17	-1.50e-05	-8.54e-04	1.44e-05
146	336	-0.03	-4.46e-03	-0.12	-9.82e-06	-6.03e-04	1.71e-05
146	341	2.54e-03	0.01	-0.15	5.19e-05	-7.47e-04	-4.41e-05
146	368	-0.02	-1.62e-03	-0.14	5.18e-06	-6.60e-04	6.55e-06
146	369	5.36e-03	1.03e-03	-0.16	0.0	-7.88e-04	0.0

146	373	-1.51e-03	5.17e-03	-0.15	-2.07e-06	-7.42e-04	-1.10e-05
147	97	-0.03	-5.30e-03	-0.69	-4.39e-04	-3.30e-03	1.15e-04
147	106	0.05	3.41e-04	-0.19	-1.60e-04	-9.66e-04	3.21e-05
147	255	-0.02	-3.98e-03	-0.46	-2.04e-04	-2.17e-03	5.75e-05
147	259	0.03	1.91e-04	-0.13	4.78e-06	-6.50e-04	-4.55e-06
147	322	-0.01	-2.11e-03	-0.38	-1.54e-04	-1.82e-03	4.08e-05
147	323	0.03	1.01e-03	-0.13	2.99e-06	-6.74e-04	-5.76e-06
147	324	-4.86e-03	-1.95e-05	-0.15	-2.59e-06	-7.24e-04	-2.04e-06
147	325	0.01	4.01e-03	-0.18	1.48e-05	-8.58e-04	-1.44e-05
147	327	-0.03	4.46e-03	-0.13	9.64e-06	-6.08e-04	-1.72e-05
147	346	2.36e-03	-0.01	-0.15	-5.13e-05	-7.30e-04	4.44e-05
147	359	-0.02	1.62e-03	-0.14	-5.18e-06	-6.70e-04	-6.55e-06
147	362	5.36e-03	-1.03e-03	-0.16	0.0	-7.88e-04	0.0
147	378	-1.51e-03	-5.17e-03	-0.15	2.07e-06	-7.42e-04	1.10e-05
148	97	-0.02	-6.71e-03	-0.63	-2.28e-04	-3.01e-03	1.04e-04
148	106	0.05	7.77e-04	-0.17	-8.89e-05	-8.57e-04	3.45e-05
148	255	-0.02	-5.04e-03	-0.43	-6.79e-05	-2.05e-03	5.01e-05
148	259	0.03	5.03e-04	-0.13	6.09e-05	-6.66e-04	-2.13e-06
148	322	-0.01	-2.90e-03	-0.36	-3.64e-05	-1.73e-03	3.58e-05
148	323	0.03	1.25e-03	-0.14	6.02e-05	-6.91e-04	-3.34e-06
148	324	-4.84e-03	4.12e-05	-0.15	5.69e-05	-7.38e-04	0.0
148	325	0.01	3.82e-03	-0.18	7.99e-05	-8.87e-04	-1.49e-05
148	327	-0.03	4.79e-03	-0.13	6.46e-05	-6.31e-04	-1.12e-05
148	347	-0.02	0.01	-0.16	1.06e-04	-7.69e-04	-4.33e-05
148	359	-0.02	1.82e-03	-0.14	5.14e-05	-6.74e-04	-2.61e-06
148	362	5.58e-03	-1.11e-03	-0.17	6.31e-05	-8.03e-04	1.02e-06
148	379	-9.09e-03	5.28e-03	-0.15	5.05e-05	-7.24e-04	-1.19e-05
149	105	0.06	-1.04e-03	-1.16	-6.68e-04	3.15e-03	-5.32e-05
149	127	0.07	-1.81e-03	-1.03	-5.62e-04	3.04e-03	-5.06e-05
149	152	-4.14e-03	-2.85e-03	-0.25	-1.29e-04	7.40e-04	-4.29e-06
149	270	0.05	-1.18e-03	-0.76	-4.14e-04	2.25e-03	-3.75e-05
149	282	-2.77e-03	-1.67e-03	-0.20	-5.91e-05	5.75e-04	7.51e-06
149	311	0.04	3.52e-04	-0.58	-2.67e-04	1.72e-03	-1.85e-05
149	322	-3.75e-03	8.50e-04	-0.19	-4.26e-05	5.64e-04	1.11e-05
149	323	0.04	6.73e-04	-0.60	-2.70e-04	1.63e-03	-1.20e-05
149	324	4.70e-03	3.89e-04	-0.22	-5.68e-05	6.15e-04	8.31e-06
149	333	0.02	3.19e-03	-0.29	-8.25e-05	8.17e-04	1.01e-05
149	341	0.01	8.10e-03	-0.24	-8.22e-05	6.58e-04	2.16e-05
149	365	0.01	1.74e-03	-0.25	-6.64e-05	7.20e-04	8.57e-06
149	369	0.01	1.58e-03	-0.25	-6.75e-05	7.21e-04	8.11e-06
149	373	7.52e-03	4.07e-03	-0.23	-5.78e-05	6.42e-04	1.30e-05
150	105	0.06	-4.03e-03	-1.06	-4.95e-04	2.90e-03	-9.31e-05
150	106	0.06	-4.10e-03	-0.98	-4.88e-04	2.67e-03	-9.16e-05
150	127	0.07	-3.21e-03	-0.94	-4.79e-04	2.80e-03	-8.13e-05
150	259	0.04	-2.57e-03	-0.68	-2.14e-04	1.85e-03	-4.38e-05
150	270	0.05	-2.22e-03	-0.70	-3.54e-04	2.07e-03	-6.00e-05
150	311	0.04	-5.27e-04	-0.54	-2.12e-04	1.61e-03	-3.56e-05
150	323	0.03	-1.06e-03	-0.57	-1.63e-04	1.54e-03	-3.28e-05
150	324	4.75e-03	1.21e-04	-0.21	-6.40e-06	6.05e-04	-3.30e-06
150	333	0.02	2.52e-03	-0.28	-1.64e-05	8.06e-04	0.0
150	341	9.86e-03	7.67e-03	-0.23	-2.70e-05	6.59e-04	1.05e-05
150	365	0.01	1.26e-03	-0.25	-8.01e-06	7.09e-04	-2.31e-06
150	369	0.01	1.11e-03	-0.25	-9.18e-06	7.09e-04	-2.73e-06
150	373	7.10e-03	3.71e-03	-0.22	-5.24e-06	6.35e-04	1.67e-06
151	105	0.06	-6.30e-03	-0.97	-5.97e-04	2.65e-03	-6.84e-05
151	165	0.06	-3.81e-03	-0.87	-4.53e-04	2.57e-03	-6.71e-05
151	259	0.04	-4.24e-03	-0.64	-2.73e-04	1.74e-03	-2.89e-05
151	289	0.05	-2.72e-03	-0.64	-3.37e-04	1.90e-03	-4.97e-05
151	311	0.04	-1.34e-03	-0.51	-1.93e-04	1.51e-03	-2.86e-05
151	323	0.03	-2.41e-03	-0.54	-2.02e-04	1.46e-03	-2.00e-05
151	324	4.75e-03	-1.21e-04	-0.21	6.40e-06	6.05e-04	3.30e-06
151	326	0.02	-2.52e-03	-0.28	1.63e-05	8.06e-04	0.0
151	346	9.68e-03	-7.67e-03	-0.23	2.67e-05	6.59e-04	-1.04e-05
151	358	0.01	-1.26e-03	-0.25	8.01e-06	7.09e-04	2.31e-06
151	362	0.01	-1.11e-03	-0.25	9.18e-06	7.09e-04	2.73e-06
151	378	7.10e-03	-3.71e-03	-0.22	5.24e-06	6.35e-04	-1.67e-06
152	105	0.05	-9.03e-03	-0.89	-3.81e-04	2.43e-03	-1.06e-04
152	165	0.06	-5.29e-03	-0.80	-3.35e-04	2.36e-03	-9.41e-05
152	259	0.04	-6.20e-03	-0.61	-1.30e-04	1.65e-03	-5.23e-05
152	289	0.05	-3.82e-03	-0.59	-2.50e-04	1.75e-03	-6.95e-05
152	311	0.04	-2.25e-03	-0.48	-1.24e-04	1.42e-03	-4.41e-05
152	323	0.03	-3.98e-03	-0.51	-8.25e-05	1.40e-03	-4.04e-05
152	324	4.70e-03	-3.89e-04	-0.22	5.68e-05	6.15e-04	-8.31e-06
152	326	0.02	-3.20e-03	-0.29	8.22e-05	8.17e-04	-1.01e-05
152	346	0.01	-8.11e-03	-0.24	8.14e-05	6.58e-04	-2.17e-05
152	358	0.01	-1.74e-03	-0.25	6.64e-05	7.20e-04	-8.57e-06
152	362	0.01	-1.58e-03	-0.25	6.75e-05	7.21e-04	-8.11e-06

152	378	7.52e-03	-4.07e-03	-0.23	5.78e-05	6.42e-04	-1.30e-05
153	49	-0.06	-7.12e-04	0.10	-1.65e-05	-3.97e-03	-2.60e-06
153	121	-5.19e-03	-1.98e-03	0.03	-1.28e-06	-1.01e-03	-1.12e-05
153	231	-0.04	-9.90e-04	0.07	-7.02e-06	-2.57e-03	0.0
153	267	-3.48e-03	-1.34e-03	0.02	-1.06e-06	-7.49e-04	-8.44e-06
153	310	-3.15e-04	-9.47e-04	0.02	-1.49e-06	-7.40e-04	-9.27e-06
153	316	-0.03	-2.24e-04	0.06	-6.47e-06	-2.11e-03	-3.37e-06
153	324	-3.12e-04	-1.87e-04	0.02	-2.26e-06	-7.40e-04	-1.01e-05
153	330	0.03	-2.33e-03	0.02	0.0	-6.04e-04	-1.04e-05
153	335	-0.03	1.44e-03	0.02	-4.04e-06	-8.75e-04	-7.52e-06
153	350	7.69e-03	-6.78e-03	0.02	6.76e-06	-7.02e-04	-3.49e-06
153	362	0.01	-1.25e-03	0.02	-1.10e-06	-6.70e-04	-1.02e-05
153	367	-0.01	4.84e-04	0.02	-2.92e-06	-8.09e-04	-9.11e-06
153	382	3.74e-03	-3.47e-03	0.02	2.22e-06	-7.20e-04	-6.82e-06
154	49	-0.05	2.35e-05	0.10	-7.07e-06	-3.65e-03	4.08e-05
154	122	-5.06e-03	-1.57e-03	0.02	3.64e-06	-7.32e-04	1.13e-05
154	231	-0.04	-6.12e-04	0.06	0.0	-2.42e-03	2.32e-05
154	267	-3.47e-03	-9.79e-04	0.02	3.30e-06	-7.47e-04	1.11e-05
154	310	-3.09e-04	-5.73e-04	0.02	3.03e-06	-7.39e-04	1.09e-05
154	316	-0.03	1.63e-04	0.05	0.0	-2.00e-03	1.96e-05
154	324	-3.12e-04	1.87e-04	0.02	2.26e-06	-7.40e-04	1.01e-05
154	328	-0.03	-1.44e-03	0.02	4.03e-06	-8.75e-04	7.59e-06
154	337	0.03	2.33e-03	0.02	0.0	-6.04e-04	1.04e-05
154	353	7.69e-03	6.78e-03	0.02	-6.76e-06	-7.02e-04	3.49e-06
154	360	-0.01	-4.84e-04	0.02	2.92e-06	-8.09e-04	9.11e-06
154	369	0.01	1.25e-03	0.02	1.10e-06	-6.70e-04	1.02e-05
154	385	3.74e-03	3.47e-03	0.02	-2.22e-06	-7.20e-04	6.82e-06
155	49	-0.05	-3.78e-04	0.09	-1.60e-05	-3.37e-03	1.10e-05
155	121	-5.17e-03	-1.94e-03	0.03	7.97e-06	-1.04e-03	-1.04e-05
155	231	-0.04	-8.27e-04	0.06	-3.90e-06	-2.31e-03	6.91e-06
155	267	-3.46e-03	-1.32e-03	0.02	5.58e-06	-7.65e-04	-8.12e-06
155	310	-3.02e-04	-9.53e-04	0.02	5.06e-06	-7.57e-04	-9.99e-06
155	316	-0.03	-1.53e-04	0.05	-2.64e-06	-1.91e-03	0.0
155	324	-3.15e-04	-2.40e-04	0.02	4.17e-06	-7.57e-04	-1.25e-05
155	328	-0.03	-1.49e-03	0.02	7.98e-06	-9.01e-04	-4.09e-06
155	337	0.03	1.52e-03	0.02	0.0	-6.22e-04	-2.41e-05
155	350	9.36e-03	-6.49e-03	0.02	1.58e-05	-7.00e-04	5.88e-06
155	360	-0.01	-7.28e-04	0.02	5.76e-06	-8.32e-04	-8.39e-06
155	369	0.01	6.35e-04	0.02	1.97e-06	-6.87e-04	-1.83e-05
155	382	4.56e-03	-3.35e-03	0.02	9.96e-06	-7.28e-04	-3.36e-06
156	49	-0.05	-5.51e-04	0.09	2.82e-05	-3.42e-03	0.0
156	141	-0.01	-2.17e-03	0.02	8.11e-05	-1.06e-03	0.0
156	187	-0.06	-6.21e-04	0.02	5.38e-05	-1.15e-03	0.0
156	231	-0.04	-9.04e-04	0.06	3.79e-05	-2.35e-03	0.0
156	260	9.60e-03	-1.49e-03	0.02	5.67e-05	-7.32e-04	0.0
156	300	-0.04	-9.71e-04	8.67e-03	5.66e-05	-6.65e-04	0.0
156	310	-1.72e-03	-1.13e-03	0.02	5.83e-05	-7.89e-04	0.0
156	313	-0.03	-4.10e-04	0.01	5.46e-05	-6.87e-04	0.0
156	316	-0.03	-2.64e-04	0.05	4.18e-05	-1.95e-03	0.0
156	324	-1.92e-03	-4.18e-04	0.02	5.74e-05	-7.89e-04	0.0
156	331	-0.03	1.64e-03	0.01	5.70e-05	-9.39e-04	0.0
156	337	0.02	1.29e-03	0.02	4.71e-05	-6.51e-04	0.0
156	350	9.06e-03	-6.55e-03	0.02	7.37e-05	-7.28e-04	0.0
156	363	-0.02	6.05e-04	0.02	5.72e-05	-8.66e-04	0.0
156	369	0.01	4.29e-04	0.02	5.23e-05	-7.18e-04	0.0
156	382	3.61e-03	-3.47e-03	0.02	6.55e-05	-7.58e-04	0.0
157	149	-0.04	-0.01	-1.36	-4.56e-04	9.29e-06	-2.45e-06
157	187	-0.04	-0.01	-1.37	-4.38e-04	9.40e-06	-2.03e-06
157	281	-0.03	-9.15e-03	-0.93	-1.28e-04	6.22e-06	-2.17e-06
157	300	-0.03	-8.65e-03	-0.93	-1.16e-04	6.30e-06	-1.88e-06
157	313	-0.02	-6.00e-03	-0.77	-7.15e-05	5.36e-06	0.0
157	324	-3.39e-05	-8.93e-04	-0.32	9.34e-05	2.85e-06	0.0
157	327	-9.12e-03	-4.93e-04	-0.42	1.31e-04	-2.55e-06	1.83e-06
157	332	-9.83e-03	-3.75e-03	-0.42	1.25e-04	-5.33e-06	-1.80e-06
157	356	-4.08e-03	-8.33e-03	-0.35	9.49e-05	-2.64e-06	-7.16e-06
157	363	-4.61e-03	-1.95e-04	-0.37	1.12e-04	0.0	1.27e-06
157	364	-4.98e-03	-2.32e-03	-0.37	1.10e-04	-1.22e-06	0.0
157	388	-2.07e-03	-4.58e-03	-0.33	9.43e-05	0.0	-3.55e-06
158	149	-0.07	-5.11e-03	-0.65	-2.44e-04	-3.13e-03	1.03e-04
158	187	-0.07	-4.48e-03	-0.65	-2.33e-04	-3.13e-03	1.01e-04
158	281	-0.05	-3.71e-03	-0.44	-8.04e-05	-2.13e-03	4.92e-05
158	300	-0.05	-3.29e-03	-0.44	-7.30e-05	-2.14e-03	4.77e-05
158	313	-0.04	-1.82e-03	-0.37	-4.61e-05	-1.78e-03	3.54e-05
158	324	-4.87e-03	4.20e-05	-0.15	5.69e-05	-7.34e-04	0.0
158	328	-0.02	-1.66e-03	-0.20	7.52e-05	-9.81e-04	0.0
158	332	-0.02	-2.45e-03	-0.20	7.42e-05	-9.81e-04	2.33e-06
158	353	1.35e-03	6.86e-03	-0.13	4.66e-05	-6.70e-04	-1.21e-05

158	364	-0.01	-1.20e-03	-0.18	6.58e-05	-8.61e-04	1.18e-06
158	385	-1.74e-03	3.43e-03	-0.14	5.17e-05	-7.01e-04	-5.94e-06
159	49	-0.02	-0.02	-1.37	-4.74e-04	3.99e-06	0.0
159	149	-0.06	-2.65e-03	-0.49	-1.59e-04	8.41e-06	-1.80e-06
159	231	-0.01	-0.01	-0.94	-1.41e-04	2.97e-06	0.0
159	281	-0.04	-8.67e-04	-0.28	9.33e-05	6.24e-06	-1.33e-06
159	313	-0.03	6.20e-04	-0.29	9.59e-05	4.13e-06	-1.01e-06
159	316	-8.27e-03	-7.15e-03	-0.78	-8.15e-05	1.70e-06	0.0
159	324	-9.01e-06	-8.96e-04	-0.32	9.35e-05	0.0	0.0
159	328	-0.02	-4.51e-03	-0.37	1.07e-04	-5.65e-06	0.0
159	331	-0.02	3.21e-03	-0.37	1.15e-04	-9.02e-06	0.0
159	356	-6.91e-03	-0.02	-0.33	8.49e-05	5.56e-06	0.0
159	360	-0.01	-2.41e-03	-0.34	1.01e-04	-1.43e-06	0.0
159	363	-0.01	1.14e-03	-0.35	1.04e-04	-4.51e-06	0.0
159	388	-3.50e-03	-8.56e-03	-0.32	8.91e-05	2.75e-06	0.0
160	49	0.02	-6.04e-03	-0.65	-2.51e-04	3.15e-03	-1.08e-04
160	150	-0.06	3.88e-04	-0.17	-9.11e-05	8.63e-04	-3.61e-05
160	231	0.01	-4.54e-03	-0.44	-8.48e-05	2.15e-03	-5.30e-05
160	281	-0.04	2.50e-04	-0.13	5.93e-05	6.69e-04	0.0
160	313	-0.03	1.29e-03	-0.14	5.93e-05	6.84e-04	3.00e-06
160	316	0.01	-2.48e-03	-0.37	-4.96e-05	1.79e-03	-3.81e-05
160	324	4.84e-03	4.12e-05	-0.15	5.69e-05	7.38e-04	0.0
160	328	-0.02	-2.46e-03	-0.18	6.85e-05	8.63e-04	-3.24e-06
160	329	0.03	3.61e-03	-0.13	4.61e-05	6.13e-04	5.37e-06
160	353	0.01	0.01	-0.14	4.42e-05	7.11e-04	2.40e-05
160	360	-5.58e-03	-1.11e-03	-0.17	6.31e-05	8.03e-04	-1.02e-06
160	361	0.02	1.82e-03	-0.14	5.14e-05	6.74e-04	2.61e-06
160	385	9.09e-03	5.28e-03	-0.15	5.05e-05	7.24e-04	1.19e-05
161	149	-0.04	-9.87e-03	-1.48	-1.01e-03	1.28e-05	-2.62e-06
161	187	-0.04	-9.14e-03	-1.48	-1.00e-03	1.29e-05	-2.18e-06
161	281	-0.03	-6.08e-03	-0.98	-5.05e-04	8.63e-06	-2.29e-06
161	300	-0.03	-5.59e-03	-0.98	-4.99e-04	8.66e-06	-2.00e-06
161	313	-0.02	-3.59e-03	-0.81	-3.75e-04	7.06e-06	-1.06e-06
161	324	-3.35e-05	-2.92e-04	-0.31	4.67e-06	2.79e-06	0.0
161	327	-9.26e-03	6.03e-04	-0.41	1.32e-05	-2.30e-06	1.67e-06
161	328	-9.58e-03	-1.61e-03	-0.41	6.78e-06	-4.93e-06	-1.16e-06
161	356	-3.24e-03	-7.55e-03	-0.34	0.0	0.0	-7.16e-06
161	363	-4.72e-03	6.60e-04	-0.36	8.36e-06	0.0	1.21e-06
161	364	-4.84e-03	-1.46e-03	-0.36	6.34e-06	0.0	0.0
161	388	-1.65e-03	-3.89e-03	-0.32	2.11e-06	1.30e-06	-3.55e-06
162	149	-0.08	-4.06e-03	-0.70	-3.82e-04	-3.41e-03	9.86e-05
162	187	-0.08	-3.46e-03	-0.70	-3.78e-04	-3.41e-03	9.64e-05
162	281	-0.06	-2.92e-03	-0.46	-1.61e-04	-2.25e-03	4.52e-05
162	300	-0.06	-2.52e-03	-0.46	-1.59e-04	-2.25e-03	4.37e-05
162	313	-0.04	-1.29e-03	-0.38	-1.21e-04	-1.86e-03	3.17e-05
162	324	-4.89e-03	-1.92e-05	-0.15	-2.60e-06	-7.20e-04	-2.04e-06
162	328	-0.02	-1.32e-03	-0.20	2.43e-06	-9.63e-04	0.0
162	356	-0.01	-6.61e-03	-0.16	2.81e-06	-7.90e-04	1.13e-05
162	364	-0.01	-1.05e-03	-0.17	0.0	-8.45e-04	0.0
162	388	-7.48e-03	-3.29e-03	-0.16	0.0	-7.56e-04	4.59e-06
163	149	-0.04	-5.39e-03	-1.62	-5.97e-04	1.66e-05	-2.65e-06
163	150	-0.04	-5.52e-03	-1.50	-5.88e-04	1.55e-05	-2.65e-06
163	187	-0.04	-4.66e-03	-1.62	-5.87e-04	1.65e-05	-2.21e-06
163	281	-0.03	-2.97e-03	-1.05	-2.26e-04	1.12e-05	-2.32e-06
163	300	-0.03	-2.48e-03	-1.05	-2.20e-04	1.11e-05	-2.03e-06
163	313	-0.02	-1.15e-03	-0.86	-1.67e-04	8.85e-06	-1.08e-06
163	324	-3.35e-05	2.92e-04	-0.31	-4.67e-06	2.79e-06	0.0
163	336	-9.35e-03	-6.02e-04	-0.41	-1.21e-05	-2.51e-06	-1.68e-06
163	339	-9.54e-03	2.64e-03	-0.41	-7.99e-06	-3.97e-06	1.93e-06
163	351	-3.24e-03	7.55e-03	-0.34	0.0	0.0	7.16e-06
163	371	-4.84e-03	1.46e-03	-0.36	-6.34e-06	0.0	0.0
163	372	-4.72e-03	-6.60e-04	-0.36	-8.36e-06	0.0	-1.21e-06
163	383	-1.65e-03	3.89e-03	-0.32	-2.11e-06	1.30e-06	3.55e-06
164	149	-0.08	-2.92e-03	-0.76	-3.62e-04	-3.72e-03	1.01e-04
164	152	-0.06	-3.14e-03	-0.53	-2.21e-04	-2.59e-03	6.42e-05
164	281	-0.06	-2.07e-03	-0.49	-1.68e-04	-2.39e-03	4.78e-05
164	282	-0.04	-2.17e-03	-0.41	-1.26e-04	-1.98e-03	3.75e-05
164	310	-4.87e-03	-9.69e-04	-0.15	2.98e-06	-7.21e-04	3.60e-06
164	313	-0.04	-6.67e-04	-0.40	-1.24e-04	-1.96e-03	3.47e-05
164	324	-4.89e-03	1.92e-05	-0.15	2.60e-06	-7.20e-04	2.04e-06
164	335	-0.02	1.32e-03	-0.20	-1.99e-06	-9.63e-04	0.0
164	339	-0.02	2.10e-03	-0.20	-1.75e-06	-9.63e-04	-3.18e-06
164	351	-0.01	6.61e-03	-0.16	-2.81e-06	-7.90e-04	-1.13e-05
164	371	-0.01	1.05e-03	-0.17	0.0	-8.45e-04	0.0
164	383	-7.48e-03	3.29e-03	-0.16	0.0	-7.56e-04	-4.59e-06
165	128	4.78e-03	-2.39e-03	-0.54	-3.80e-04	3.78e-06	0.0
165	149	-0.04	-2.58e-04	-1.76	-1.09e-03	2.04e-05	-2.52e-06

170	324	4.86e-03	1.95e-05	-0.15	2.59e-06	7.24e-04	-2.04e-06
170	335	-0.02	2.24e-03	-0.17	-2.39e-06	8.48e-04	4.61e-06
170	338	0.03	-3.27e-03	-0.12	7.74e-06	6.00e-04	-1.11e-05
170	351	-1.79e-03	0.01	-0.16	-6.66e-06	7.58e-04	2.42e-05
170	367	-5.36e-03	1.03e-03	-0.16	0.0	7.88e-04	0.0
170	370	0.02	-1.62e-03	-0.14	5.18e-06	6.60e-04	-6.55e-06
170	383	1.51e-03	5.17e-03	-0.15	-2.07e-06	7.42e-04	1.10e-05
171	49	-0.02	-0.01	-1.49	-1.03e-03	3.98e-06	0.0
171	149	-0.06	-2.09e-03	-0.53	-3.20e-04	1.09e-05	-1.93e-06
171	231	-0.01	-7.83e-03	-0.99	-5.18e-04	2.91e-06	0.0
171	281	-0.05	-5.99e-04	-0.28	1.01e-05	8.04e-06	-1.42e-06
171	313	-0.03	9.56e-04	-0.28	1.20e-05	5.57e-06	-1.08e-06
171	316	-8.28e-03	-4.72e-03	-0.82	-3.86e-04	1.73e-06	0.0
171	324	-9.01e-06	-2.93e-04	-0.31	4.72e-06	0.0	0.0
171	327	-0.02	2.53e-03	-0.36	1.15e-05	-6.48e-06	0.0
171	328	-0.02	-3.79e-03	-0.36	4.98e-06	-5.74e-06	0.0
171	356	-7.28e-03	-0.02	-0.32	-7.83e-06	0.0	0.0
171	360	-0.01	-1.75e-03	-0.34	5.32e-06	-2.42e-06	0.0
171	363	-0.01	1.81e-03	-0.34	8.55e-06	-3.43e-06	0.0
171	388	-3.68e-03	-7.94e-03	-0.32	-1.70e-06	0.0	0.0
172	49	0.02	-4.96e-03	-0.70	-3.88e-04	3.43e-03	-1.03e-04
172	150	-0.06	-2.92e-05	-0.19	-1.62e-04	9.74e-04	-3.39e-05
172	231	0.02	-3.72e-03	-0.46	-1.66e-04	2.27e-03	-4.92e-05
172	281	-0.04	-5.48e-05	-0.13	2.97e-06	6.54e-04	3.30e-06
172	313	-0.03	1.02e-03	-0.13	2.28e-06	6.68e-04	5.50e-06
172	316	0.02	-1.91e-03	-0.38	-1.25e-04	1.88e-03	-3.45e-05
172	324	4.86e-03	-1.95e-05	-0.15	-2.59e-06	7.24e-04	2.04e-06
172	325	0.03	2.20e-03	-0.12	-7.78e-06	6.00e-04	8.65e-06
172	328	-0.02	-2.24e-03	-0.17	2.61e-06	8.48e-04	-4.57e-06
172	356	-1.79e-03	-0.01	-0.16	6.66e-06	7.58e-04	-2.42e-05
172	360	-5.36e-03	-1.03e-03	-0.16	0.0	7.88e-04	0.0
172	361	0.02	1.62e-03	-0.14	-5.18e-06	6.60e-04	6.55e-06
172	388	1.51e-03	-5.17e-03	-0.15	2.07e-06	7.42e-04	-1.10e-05
173	49	-0.05	-2.19e-03	-0.49	-1.52e-04	4.63e-06	-1.63e-06
173	73	-4.78e-03	-0.02	-1.37	-4.75e-04	1.02e-06	0.0
173	231	-0.03	-5.50e-04	-0.29	9.81e-05	3.35e-06	-1.20e-06
173	243	-3.17e-03	-0.01	-0.93	-1.41e-04	0.0	0.0
173	316	-0.02	5.56e-04	-0.29	9.76e-05	2.01e-06	0.0
173	319	0.0	-7.18e-03	-0.78	-8.14e-05	0.0	0.0
173	324	0.0	-8.96e-04	-0.32	9.35e-05	0.0	0.0
173	328	-0.03	-3.95e-03	-0.32	1.04e-04	-4.94e-06	0.0
173	342	6.79e-03	-0.01	-0.33	1.29e-04	1.63e-05	-3.96e-06
173	346	6.66e-03	-0.01	-0.33	1.29e-04	1.63e-05	-3.93e-06
173	360	-0.02	-2.39e-03	-0.32	9.22e-05	-3.19e-06	0.0
173	374	4.07e-03	-5.88e-03	-0.32	8.90e-05	5.77e-06	0.0
173	385	4.01e-03	4.08e-03	-0.32	9.80e-05	5.75e-06	0.0
174	49	-0.05	-1.61e-03	-0.53	-3.13e-04	7.46e-06	-1.76e-06
174	73	-4.78e-03	-0.01	-1.49	-1.03e-03	1.01e-06	0.0
174	231	-0.03	-2.62e-04	-0.28	1.51e-05	5.45e-06	-1.30e-06
174	243	-3.17e-03	-7.80e-03	-0.99	-5.18e-04	0.0	0.0
174	316	-0.02	9.23e-04	-0.29	1.33e-05	3.59e-06	0.0
174	319	0.0	-4.73e-03	-0.82	-3.86e-04	0.0	0.0
174	324	0.0	-2.93e-04	-0.31	4.72e-06	0.0	0.0
174	328	-0.03	-3.35e-03	-0.31	1.48e-05	-7.01e-06	-1.02e-06
174	342	7.87e-03	-0.01	-0.31	3.84e-05	6.76e-06	-3.95e-06
174	346	7.83e-03	-0.01	-0.31	3.84e-05	6.75e-06	-3.98e-06
174	360	-0.01	-1.79e-03	-0.31	3.58e-06	-3.71e-06	0.0
174	374	4.33e-03	-5.27e-03	-0.31	0.0	2.71e-06	0.0
174	377	4.60e-03	4.69e-03	-0.31	8.52e-06	0.0	0.0
175	49	-0.05	-1.01e-03	-0.58	-2.78e-04	1.03e-05	-1.77e-06
175	73	-4.78e-03	-7.27e-03	-1.63	-6.15e-04	1.01e-06	0.0
175	74	-4.78e-03	-7.39e-03	-1.51	-6.06e-04	1.01e-06	0.0
175	231	-0.03	-2.57e-05	-0.28	1.12e-05	7.57e-06	-1.31e-06
175	243	-3.17e-03	-4.66e-03	-1.05	-2.38e-04	0.0	0.0
175	316	-0.02	1.25e-03	-0.28	7.96e-06	5.18e-06	0.0
175	319	0.0	-2.23e-03	-0.87	-1.79e-04	0.0	0.0
175	324	0.0	2.93e-04	-0.31	-4.72e-06	0.0	0.0
175	335	-0.03	3.35e-03	-0.31	-1.48e-05	-6.73e-06	1.03e-06
175	343	-9.51e-03	0.01	-0.31	-3.84e-05	2.72e-06	3.84e-06
175	347	-9.56e-03	0.01	-0.31	-3.84e-05	2.71e-06	3.87e-06
175	372	-0.01	-1.20e-03	-0.31	-5.86e-06	-3.71e-06	0.0
175	375	-4.60e-03	5.27e-03	-0.31	0.0	0.0	0.0
175	388	-4.62e-03	-4.69e-03	-0.31	-8.52e-06	0.0	0.0
176	49	-0.05	-3.05e-04	-0.63	-4.00e-04	1.32e-05	-1.64e-06
176	73	-4.78e-03	-2.03e-03	-1.77	-1.09e-03	1.02e-06	0.0
176	152	-0.03	-3.48e-03	-0.38	-2.03e-04	6.84e-06	0.0
176	231	-0.03	1.92e-04	-0.28	-7.20e-05	9.69e-06	-1.21e-06

176	243	-3.17e-03	-1.09e-03	-1.12	-5.87e-04	0.0	0.0
176	272	0.02	-2.00e-03	-0.37	-1.89e-04	-3.16e-06	0.0
176	316	-0.02	1.56e-03	-0.29	-7.67e-05	6.76e-06	0.0
176	319	0.0	6.01e-04	-0.92	-4.63e-04	0.0	0.0
176	321	0.02	1.64e-03	-0.29	-7.68e-05	-6.29e-06	0.0
176	324	0.0	8.96e-04	-0.32	-9.35e-05	0.0	0.0
176	335	-0.03	3.95e-03	-0.32	-1.04e-04	-4.65e-06	0.0
176	343	-0.01	0.01	-0.33	-1.29e-04	1.19e-05	3.82e-06
176	347	-0.01	0.01	-0.33	-1.29e-04	1.19e-05	3.78e-06
176	372	-0.02	-5.98e-04	-0.32	-9.49e-05	-3.19e-06	0.0
176	375	-4.86e-03	5.88e-03	-0.32	-8.90e-05	3.08e-06	0.0
176	380	-4.07e-03	-4.08e-03	-0.32	-9.80e-05	-5.77e-06	0.0
177	50	-0.04	5.20e-04	-0.17	-8.76e-05	8.66e-04	-3.40e-05
177	73	0.03	-6.00e-03	-0.65	-2.51e-04	3.14e-03	-1.08e-04
177	231	-0.03	3.15e-04	-0.13	6.21e-05	6.72e-04	2.58e-06
177	243	0.02	-4.51e-03	-0.44	-8.47e-05	2.15e-03	-5.29e-05
177	319	0.02	-2.48e-03	-0.37	-4.96e-05	1.79e-03	-3.82e-05
177	321	0.02	9.46e-04	-0.14	5.80e-05	6.85e-04	2.47e-06
177	324	4.85e-03	4.12e-05	-0.15	5.69e-05	7.38e-04	0.0
177	325	0.03	2.47e-03	-0.15	4.73e-05	7.22e-04	3.42e-06
177	346	0.01	-7.40e-03	-0.16	8.29e-05	7.57e-04	-1.47e-05
177	353	0.01	8.27e-03	-0.15	4.09e-05	7.43e-04	1.15e-05
177	357	0.02	1.15e-03	-0.15	5.47e-05	7.34e-04	1.73e-06
177	385	9.65e-03	4.13e-03	-0.15	4.89e-05	7.40e-04	5.66e-06
177	386	8.73e-03	-3.99e-03	-0.15	6.44e-05	7.32e-04	-6.07e-06
178	50	-0.04	1.20e-04	-0.19	-1.59e-04	9.75e-04	-3.18e-05
178	73	0.04	-4.94e-03	-0.70	-3.88e-04	3.43e-03	-1.03e-04
178	231	-0.03	2.76e-05	-0.13	5.88e-06	6.55e-04	4.94e-06
178	243	0.03	-3.71e-03	-0.46	-1.66e-04	2.27e-03	-4.91e-05
178	319	0.02	-1.90e-03	-0.39	-1.25e-04	1.88e-03	-3.47e-05
178	324	4.87e-03	-1.95e-05	-0.15	-2.59e-06	7.24e-04	2.04e-06
178	325	0.03	2.27e-03	-0.15	-1.01e-05	7.12e-04	7.23e-06
178	342	0.01	-7.41e-03	-0.15	1.83e-05	7.29e-04	-1.31e-05
178	356	-4.07e-03	-8.10e-03	-0.15	8.81e-06	7.24e-04	-1.10e-05
178	357	0.02	1.02e-03	-0.15	-4.37e-06	7.20e-04	4.68e-06
178	362	0.02	-1.19e-03	-0.15	-1.49e-06	7.19e-04	0.0
178	388	3.58e-04	-4.03e-03	-0.15	3.09e-06	7.24e-04	-4.43e-06
179	50	-0.04	-2.25e-04	-0.22	-1.12e-04	1.09e-03	-3.51e-05
179	73	0.04	-3.76e-03	-0.76	-3.68e-04	3.74e-03	-1.06e-04
179	76	0.03	-3.93e-03	-0.53	-2.24e-04	2.60e-03	-6.81e-05
179	231	-0.03	-1.92e-04	-0.13	1.52e-05	6.50e-04	0.0
179	243	0.03	-2.82e-03	-0.49	-1.72e-04	2.41e-03	-5.16e-05
179	319	0.03	-1.23e-03	-0.41	-1.29e-04	1.99e-03	-3.75e-05
179	324	4.87e-03	1.95e-05	-0.15	2.59e-06	7.24e-04	-2.04e-06
179	334	0.03	-2.27e-03	-0.15	9.95e-06	7.12e-04	-7.28e-06
179	345	0.01	7.42e-03	-0.15	-1.78e-05	7.28e-04	1.33e-05
179	351	-4.07e-03	8.10e-03	-0.15	-8.81e-06	7.24e-04	1.10e-05
179	366	0.02	-1.02e-03	-0.15	4.37e-06	7.20e-04	-4.68e-06
179	369	0.02	1.19e-03	-0.15	1.49e-06	7.19e-04	0.0
179	383	3.58e-04	4.03e-03	-0.15	-3.09e-06	7.24e-04	4.43e-06
180	73	0.04	-2.83e-03	-0.83	-4.78e-04	4.07e-03	-8.71e-05
180	76	0.03	-3.22e-03	-0.57	-2.91e-04	2.81e-03	-5.54e-05
180	231	-0.03	-6.46e-04	-0.13	-4.34e-05	6.57e-04	3.32e-06
180	243	0.03	-2.06e-03	-0.52	-2.43e-04	2.57e-03	-4.18e-05
180	244	0.02	-2.25e-03	-0.43	-1.96e-04	2.11e-03	-3.26e-05
180	310	4.97e-03	-1.23e-03	-0.15	-5.65e-05	7.39e-04	-1.99e-06
180	319	0.03	-6.66e-04	-0.43	-1.97e-04	2.11e-03	-2.98e-05
180	324	4.85e-03	-4.12e-05	-0.15	-5.69e-05	7.38e-04	0.0
180	334	0.03	-2.48e-03	-0.15	-4.78e-05	7.22e-04	-3.48e-06
180	341	0.01	7.42e-03	-0.16	-8.12e-05	7.56e-04	1.49e-05
180	350	0.01	-8.27e-03	-0.15	-4.09e-05	7.43e-04	-1.15e-05
180	366	0.02	-1.15e-03	-0.15	-5.47e-05	7.34e-04	-1.73e-06
180	381	8.73e-03	3.99e-03	-0.15	-6.44e-05	7.32e-04	6.07e-06
180	382	9.65e-03	-4.13e-03	-0.15	-4.89e-05	7.40e-04	-5.66e-06
181	89	-9.04e-04	-2.30e-03	-1.60	-9.45e-04	-3.56e-04	1.40e-05
181	105	0.05	-2.64e-04	-0.63	-4.00e-04	-1.31e-05	1.83e-06
181	152	-0.02	-3.58e-03	-0.38	-2.02e-04	4.60e-06	0.0
181	251	-3.75e-04	-1.30e-03	-1.00	-4.77e-04	-2.64e-04	1.04e-05
181	259	0.04	2.11e-04	-0.28	-7.25e-05	-9.71e-06	1.35e-06
181	282	-0.01	-2.01e-03	-0.29	-1.00e-04	3.36e-06	0.0
181	321	1.73e-03	4.93e-04	-0.83	-3.80e-04	-1.98e-04	7.81e-06
181	323	0.03	1.63e-03	-0.29	-7.71e-05	-7.81e-06	1.02e-06
181	324	9.00e-06	8.96e-04	-0.32	-9.35e-05	0.0	0.0
181	333	0.02	9.34e-03	-0.36	-7.62e-05	9.51e-06	-5.45e-06
181	334	0.02	-6.63e-03	-0.38	-1.45e-04	4.03e-06	5.83e-06
181	341	8.26e-03	0.03	-0.31	1.60e-05	1.11e-05	-1.88e-05
181	366	0.01	-1.14e-03	-0.35	-1.04e-04	4.51e-06	0.0

187	325	0.03	5.37e-03	-0.18	1.56e-05	8.56e-04	1.85e-05
187	346	0.01	-0.02	-0.15	-5.86e-05	7.26e-04	-5.53e-05
187	358	0.02	-1.71e-03	-0.16	0.0	7.86e-04	-1.62e-06
187	361	0.02	7.89e-04	-0.16	-3.45e-06	7.87e-04	3.87e-06
187	378	8.79e-03	-5.36e-03	-0.15	4.34e-06	7.41e-04	-9.24e-06
188	89	0.04	-6.70e-03	-0.64	-2.28e-04	3.01e-03	-1.04e-04
188	105	0.05	2.56e-04	-0.23	-5.89e-05	1.12e-03	-3.50e-05
188	251	0.03	-5.04e-03	-0.43	-6.78e-05	2.05e-03	-5.01e-05
188	289	0.04	3.64e-04	-0.17	-4.01e-05	8.31e-04	-2.58e-05
188	321	0.03	-2.90e-03	-0.36	-3.64e-05	1.73e-03	-3.59e-05
188	323	0.03	9.70e-04	-0.14	5.75e-05	6.78e-04	2.40e-06
188	324	4.86e-03	4.12e-05	-0.15	5.69e-05	7.38e-04	0.0
188	325	0.03	5.36e-03	-0.18	8.21e-05	8.85e-04	1.73e-05
188	347	1.50e-03	0.02	-0.16	1.13e-04	7.78e-04	5.47e-05
188	357	0.02	1.51e-03	-0.17	5.81e-05	8.03e-04	3.46e-06
188	358	0.02	-1.69e-03	-0.17	6.38e-05	8.00e-04	-2.79e-06
188	379	1.58e-03	5.45e-03	-0.15	4.62e-05	7.24e-04	1.02e-05
189	105	0.02	-8.01e-04	-1.59	-9.25e-04	-3.71e-04	1.58e-05
189	150	-8.82e-03	-2.70e-03	-0.52	-3.75e-04	-2.90e-06	0.0
189	165	0.04	1.59e-04	-1.58	-9.14e-04	3.34e-04	-1.19e-05
189	270	0.03	-2.76e-04	-1.17	-6.88e-04	2.47e-04	-8.57e-06
189	282	-5.20e-03	-1.26e-03	-0.29	-9.84e-05	-2.02e-06	1.12e-06
189	289	0.03	2.26e-04	-1.17	-6.75e-04	2.48e-04	-8.86e-06
189	311	0.02	1.32e-03	-0.89	-4.55e-04	1.85e-04	-6.92e-06
189	322	-5.41e-03	1.35e-03	-0.29	-7.70e-05	0.0	-1.23e-06
189	324	3.39e-05	8.93e-04	-0.32	-9.34e-05	-2.85e-06	0.0
189	333	9.89e-03	3.99e-03	-0.42	-1.37e-04	0.0	-2.16e-06
189	341	4.29e-03	9.11e-03	-0.35	-1.34e-04	-1.59e-05	-8.35e-06
189	365	4.98e-03	2.32e-03	-0.37	-1.10e-04	1.22e-06	0.0
189	366	4.61e-03	1.95e-04	-0.37	-1.12e-04	0.0	1.27e-06
189	373	2.07e-03	4.58e-03	-0.33	-9.43e-05	0.0	-3.55e-06
190	105	0.02	-4.86e-03	-1.46	-6.53e-04	-3.40e-04	-3.58e-06
190	106	0.02	-4.99e-03	-1.34	-6.44e-04	-3.39e-04	-3.58e-06
190	165	0.04	-3.85e-03	-1.46	-6.43e-04	3.10e-04	7.76e-06
190	270	0.03	-3.24e-03	-1.08	-4.82e-04	2.30e-04	5.97e-06
190	289	0.03	-2.75e-03	-1.08	-4.76e-04	2.30e-04	5.68e-06
190	311	0.02	-1.00e-03	-0.84	-2.84e-04	1.72e-04	3.98e-06
190	322	-5.33e-03	1.04e-03	-0.28	7.44e-06	-1.29e-06	-1.32e-06
190	324	3.35e-05	2.92e-04	-0.31	-4.67e-06	-2.79e-06	0.0
190	333	9.60e-03	2.88e-03	-0.41	-1.87e-05	2.02e-06	-2.26e-06
190	341	3.43e-03	8.34e-03	-0.34	-3.53e-05	-6.26e-06	-8.28e-06
190	365	4.84e-03	1.46e-03	-0.36	-6.34e-06	0.0	0.0
190	366	4.72e-03	-6.60e-04	-0.36	-8.36e-06	0.0	1.21e-06
190	373	1.65e-03	3.89e-03	-0.32	-2.11e-06	-1.30e-06	-3.55e-06
191	105	0.02	-8.56e-03	-1.34	-8.04e-04	-2.96e-04	3.33e-05
191	127	0.04	-8.25e-03	-1.33	-8.02e-04	2.73e-04	-2.88e-05
191	270	0.03	-5.95e-03	-0.99	-5.94e-04	2.02e-04	-2.14e-05
191	289	0.03	-5.47e-03	-0.99	-5.88e-04	2.02e-04	-2.17e-05
191	311	0.02	-3.16e-03	-0.78	-3.55e-04	1.51e-04	-1.66e-05
191	324	3.35e-05	-2.92e-04	-0.31	4.67e-06	-2.79e-06	0.0
191	326	9.58e-03	-2.88e-03	-0.41	1.88e-05	2.26e-06	2.27e-06
191	346	3.37e-03	-8.34e-03	-0.34	3.55e-05	-5.49e-06	8.31e-06
191	357	4.72e-03	6.60e-04	-0.36	8.36e-06	0.0	-1.21e-06
191	358	4.84e-03	-1.46e-03	-0.36	6.34e-06	0.0	0.0
191	378	1.65e-03	-3.89e-03	-0.32	2.11e-06	-1.30e-06	3.55e-06
192	105	0.02	-0.01	-1.23	-4.57e-04	-2.53e-04	1.25e-05
192	127	0.04	-0.01	-1.23	-4.55e-04	2.36e-04	-8.27e-06
192	270	0.03	-8.52e-03	-0.91	-3.39e-04	1.75e-04	-6.23e-06
192	289	0.03	-8.02e-03	-0.91	-3.27e-04	1.75e-04	-6.51e-06
192	311	0.02	-5.23e-03	-0.74	-1.53e-04	1.30e-04	-5.17e-06
192	324	3.39e-05	-8.93e-04	-0.32	9.34e-05	-2.85e-06	0.0
192	326	9.88e-03	-3.99e-03	-0.42	1.37e-04	0.0	2.18e-06
192	346	4.24e-03	-9.11e-03	-0.35	1.35e-04	-1.53e-05	8.42e-06
192	357	4.61e-03	-1.95e-04	-0.37	1.12e-04	0.0	-1.27e-06
192	358	4.98e-03	-2.32e-03	-0.37	1.10e-04	1.22e-06	0.0
192	378	2.07e-03	-4.58e-03	-0.33	9.43e-05	0.0	3.55e-06
193	105	0.07	-1.52e-03	-0.82	-4.97e-04	3.89e-03	-8.38e-05
193	127	0.07	-2.04e-03	-0.71	-4.18e-04	3.51e-03	-7.14e-05
193	152	-4.95e-03	-2.87e-03	-0.18	-1.07e-04	8.75e-04	-1.50e-05
193	270	0.05	-1.37e-03	-0.53	-3.08e-04	2.60e-03	-5.26e-05
193	282	-3.34e-03	-1.93e-03	-0.14	-5.98e-05	6.81e-04	-2.45e-06
193	310	4.87e-03	-1.04e-03	-0.15	-5.66e-05	7.36e-04	-1.33e-06
193	311	0.04	-5.35e-05	-0.40	-2.03e-04	1.99e-03	-2.98e-05
193	323	0.04	6.31e-05	-0.43	-2.09e-04	2.02e-03	-2.83e-05
193	324	4.87e-03	-4.20e-05	-0.15	-5.69e-05	7.34e-04	0.0
193	333	0.02	2.47e-03	-0.21	-7.69e-05	9.78e-04	4.21e-06
193	344	-2.73e-03	-6.94e-03	-0.13	-3.78e-05	6.80e-04	-1.84e-05

251	311	0.03	-2.71e-03	-0.74	-3.05e-04	6.98e-04	-2.93e-05
251	323	0.02	-3.23e-03	-0.73	-2.72e-04	4.10e-04	-1.03e-05
251	324	2.02e-03	-2.82e-04	-0.30	7.67e-06	2.28e-04	-2.35e-06
251	326	0.01	-2.98e-03	-0.40	2.11e-05	3.02e-04	0.0
251	346	5.86e-03	-8.69e-03	-0.33	3.63e-05	2.46e-04	0.0
251	357	7.51e-03	7.29e-04	-0.35	1.14e-05	2.67e-04	-2.04e-06
251	358	7.63e-03	-1.51e-03	-0.35	9.33e-06	2.67e-04	0.0
251	378	3.89e-03	-4.08e-03	-0.31	5.01e-06	2.39e-04	0.0
252	105	0.03	-0.01	-1.21	-4.76e-04	6.97e-04	1.26e-05
252	127	0.05	-0.01	-1.15	-4.58e-04	1.09e-03	-1.32e-05
252	259	0.02	-8.06e-03	-0.82	-1.46e-04	4.59e-04	1.45e-05
252	270	0.04	-7.59e-03	-0.85	-3.41e-04	8.08e-04	-1.00e-05
252	289	0.04	-7.08e-03	-0.86	-3.30e-04	8.10e-04	-8.99e-06
252	311	0.03	-4.54e-03	-0.70	-1.59e-04	6.48e-04	-3.48e-06
252	323	0.02	-5.45e-03	-0.70	-8.78e-05	4.05e-04	1.30e-05
252	324	2.05e-03	-8.79e-04	-0.30	8.14e-05	2.34e-04	8.86e-06
252	326	0.01	-4.06e-03	-0.41	1.20e-04	3.08e-04	5.97e-06
252	346	6.80e-03	-9.44e-03	-0.34	1.19e-04	2.43e-04	1.06e-05
252	357	7.44e-03	-1.11e-04	-0.36	9.82e-05	2.74e-04	6.46e-06
252	358	7.79e-03	-2.36e-03	-0.36	9.57e-05	2.74e-04	7.46e-06
252	378	4.30e-03	-4.77e-03	-0.32	8.17e-05	2.44e-04	9.98e-06
253	105	0.07	-1.97e-03	-0.43	-2.63e-04	4.27e-03	-1.12e-04
253	151	-6.00e-03	-2.87e-03	-0.12	-8.31e-05	1.23e-03	-3.77e-05
253	270	0.05	-1.48e-03	-0.27	-1.64e-04	2.77e-03	-7.20e-05
253	282	-5.21e-03	-2.00e-03	-0.07	-3.78e-05	7.23e-04	-1.67e-05
253	310	3.81e-03	-1.25e-03	-0.08	-3.59e-05	7.92e-04	-1.35e-05
253	311	0.04	-4.02e-04	-0.21	-1.10e-04	2.12e-03	-4.51e-05
253	323	0.04	-4.80e-04	-0.22	-1.13e-04	2.23e-03	-4.38e-05
253	324	3.83e-03	-3.83e-04	-0.08	-3.65e-05	7.91e-04	-1.18e-05
253	333	0.02	1.89e-03	-0.11	-4.76e-05	1.07e-03	-1.76e-06
253	344	-4.73e-03	-6.59e-03	-0.07	-2.36e-05	6.89e-04	-3.48e-05
253	365	0.01	7.45e-04	-0.09	-4.18e-05	9.32e-04	-8.01e-06
253	376	3.71e-04	-3.45e-03	-0.07	-3.13e-05	7.52e-04	-1.91e-05
254	105	0.07	-1.39e-03	-0.39	-1.46e-04	3.93e-03	-8.71e-05
254	108	0.05	-1.97e-03	-0.27	-8.56e-05	2.72e-03	-5.40e-05
254	210	0.05	-4.27e-04	-0.25	-9.99e-05	2.55e-03	-5.91e-05
254	259	0.05	-1.33e-03	-0.25	-6.25e-05	2.52e-03	-3.90e-05
254	260	0.04	-1.47e-03	-0.21	-4.53e-05	2.08e-03	-3.00e-05
254	310	3.81e-03	-7.62e-04	-0.08	5.09e-06	7.75e-04	-1.08e-06
254	311	0.04	2.01e-04	-0.20	-5.86e-05	1.98e-03	-3.41e-05
254	323	0.04	-3.36e-04	-0.21	-4.66e-05	2.10e-03	-2.78e-05
254	324	3.83e-03	8.67e-05	-0.08	4.28e-06	7.74e-04	0.0
254	333	0.02	1.60e-03	-0.10	-1.75e-06	1.05e-03	8.99e-06
254	347	2.42e-04	5.92e-03	-0.07	-6.19e-06	7.00e-04	2.30e-05
254	365	0.01	8.40e-04	-0.09	1.82e-06	9.12e-04	3.53e-06
254	379	1.66e-03	2.99e-03	-0.07	0.0	7.32e-04	7.63e-06
255	105	0.07	-2.42e-03	-0.36	-2.11e-04	3.59e-03	-1.21e-04
255	107	0.05	-2.74e-03	-0.28	-1.30e-04	2.81e-03	-7.75e-05
255	210	0.05	-8.91e-04	-0.23	-1.20e-04	2.34e-03	-6.47e-05
255	259	0.05	-2.03e-03	-0.24	-9.60e-05	2.37e-03	-5.88e-05
255	260	0.04	-2.04e-03	-0.20	-7.27e-05	1.97e-03	-4.52e-05
255	310	3.85e-03	-9.35e-04	-0.08	-3.47e-06	7.74e-04	-2.16e-06
255	311	0.04	-1.74e-04	-0.18	-7.01e-05	1.86e-03	-3.68e-05
255	323	0.04	-9.10e-04	-0.20	-7.36e-05	1.98e-03	-4.31e-05
255	324	3.83e-03	-8.67e-05	-0.08	-4.28e-06	7.74e-04	0.0
255	326	0.02	-1.60e-03	-0.10	1.74e-06	1.05e-03	-8.97e-06
255	344	3.56e-05	-5.92e-03	-0.07	6.18e-06	7.01e-04	-2.29e-05
255	358	0.01	-8.40e-04	-0.09	-1.82e-06	9.12e-04	-3.53e-06
255	376	1.66e-03	-2.99e-03	-0.07	0.0	7.32e-04	-7.63e-06
256	105	0.06	-2.33e-03	-0.33	-9.30e-05	3.29e-03	-7.94e-05
256	108	0.05	-2.70e-03	-0.23	-5.51e-05	2.33e-03	-5.22e-05
256	165	0.06	-4.03e-04	-0.29	-7.60e-05	2.92e-03	-5.86e-05
256	259	0.05	-2.07e-03	-0.23	-2.01e-05	2.24e-03	-3.41e-05
256	289	0.05	-2.26e-04	-0.21	-5.77e-05	2.16e-03	-4.37e-05
256	311	0.04	2.40e-04	-0.18	-2.00e-05	1.77e-03	-2.15e-05
256	322	-4.55e-03	1.11e-03	-0.07	3.77e-05	7.25e-04	1.73e-05
256	323	0.04	-8.48e-04	-0.19	-6.10e-06	1.89e-03	-2.15e-05
256	324	3.83e-03	3.83e-04	-0.08	3.65e-05	7.91e-04	1.18e-05
256	326	0.02	-1.89e-03	-0.11	4.77e-05	1.07e-03	1.91e-06
256	347	-4.49e-03	6.59e-03	-0.07	2.36e-05	6.89e-04	3.43e-05
256	358	0.01	-7.45e-04	-0.09	4.18e-05	9.32e-04	8.01e-06
256	379	3.71e-04	3.45e-03	-0.07	3.13e-05	7.52e-04	1.91e-05
257	49	-0.07	-2.73e-03	-0.43	-2.52e-04	-4.38e-03	1.13e-04
257	51	-0.05	-3.13e-03	-0.33	-1.74e-04	-3.33e-03	7.87e-05
257	231	-0.05	-2.10e-03	-0.27	-1.29e-04	-2.77e-03	5.75e-05
257	232	-0.04	-2.25e-03	-0.22	-1.06e-04	-2.28e-03	4.75e-05
257	310	-3.91e-03	-1.39e-03	-0.08	-3.59e-05	-7.96e-04	1.42e-05

257	316	-0.03	-9.34e-04	-0.22	-1.06e-04	-2.27e-03	4.44e-05
257	324	-3.82e-03	-3.82e-04	-0.08	-3.65e-05	-7.95e-04	1.18e-05
257	339	-0.03	2.45e-03	-0.09	-4.52e-05	-9.29e-04	3.97e-06
257	340	-0.03	-2.81e-03	-0.09	-3.58e-05	-9.35e-04	1.62e-05
257	350	2.90e-03	-9.27e-03	-0.07	-1.96e-05	-7.64e-04	3.29e-05
257	368	-0.02	-1.05e-03	-0.09	-3.70e-05	-8.67e-04	1.32e-05
257	371	-0.02	1.03e-03	-0.09	-4.09e-05	-8.64e-04	7.90e-06
257	382	-4.08e-04	-4.80e-03	-0.07	-2.81e-05	-7.79e-04	2.23e-05
258	49	-0.07	-1.96e-03	-0.40	-1.65e-04	-4.03e-03	1.01e-04
258	52	-0.05	-2.56e-03	-0.28	-9.94e-05	-2.81e-03	6.54e-05
258	231	-0.05	-1.83e-03	-0.26	-7.59e-05	-2.59e-03	4.98e-05
258	232	-0.04	-1.92e-03	-0.21	-5.54e-05	-2.14e-03	3.86e-05
258	310	-3.83e-03	-8.95e-04	-0.08	5.12e-06	-7.78e-04	1.82e-06
258	316	-0.03	-6.18e-04	-0.21	-5.64e-05	-2.13e-03	3.55e-05
258	324	-3.82e-03	8.68e-05	-0.08	4.28e-06	-7.78e-04	0.0
258	331	-0.03	2.85e-03	-0.09	0.0	-9.11e-04	-8.70e-06
258	335	-0.03	1.82e-03	-0.09	0.0	-9.11e-04	-6.30e-06
258	353	4.77e-03	8.73e-03	-0.07	-8.93e-06	-7.35e-04	-2.33e-05
258	363	-0.02	1.46e-03	-0.08	1.78e-06	-8.46e-04	-4.60e-06
258	367	-0.02	7.40e-04	-0.08	2.45e-06	-8.46e-04	-3.24e-06
258	385	5.22e-04	4.38e-03	-0.07	-2.30e-06	-7.56e-04	-1.19e-05
259	49	-0.06	-2.82e-03	-0.36	-1.91e-04	-3.69e-03	1.11e-04
259	51	-0.05	-3.20e-03	-0.29	-1.15e-04	-2.89e-03	7.14e-05
259	231	-0.04	-2.40e-03	-0.24	-8.08e-05	-2.43e-03	5.23e-05
259	316	-0.03	-1.09e-03	-0.20	-6.23e-05	-2.02e-03	3.75e-05
259	324	-3.82e-03	-8.68e-05	-0.08	-4.28e-06	-7.78e-04	0.0
259	328	-0.03	-1.82e-03	-0.09	0.0	-9.11e-04	6.23e-06
259	340	-0.03	-2.85e-03	-0.09	0.0	-9.11e-04	8.70e-06
259	350	4.77e-03	-8.73e-03	-0.07	8.93e-06	-7.35e-04	2.33e-05
259	360	-0.02	-7.40e-04	-0.08	-2.45e-06	-8.46e-04	3.24e-06
259	372	-0.02	-1.46e-03	-0.08	-1.78e-06	-8.46e-04	4.60e-06
259	382	5.22e-04	-4.38e-03	-0.07	2.30e-06	-7.56e-04	1.19e-05
260	49	-0.06	-2.63e-03	-0.34	-1.06e-04	-3.40e-03	8.52e-05
260	52	-0.04	-3.12e-03	-0.24	-6.42e-05	-2.42e-03	5.75e-05
260	187	-0.06	1.28e-03	-0.12	-1.06e-05	-1.20e-03	1.09e-05
260	231	-0.04	-2.36e-03	-0.23	-2.93e-05	-2.32e-03	3.87e-05
260	300	-0.04	5.10e-04	-0.07	4.07e-05	-6.91e-04	-1.61e-05
260	313	-0.03	1.09e-03	-0.07	3.59e-05	-7.11e-04	-1.54e-05
260	316	-0.03	-9.00e-04	-0.19	-1.34e-05	-1.93e-03	2.42e-05
260	319	0.01	1.15e-03	-0.07	3.79e-05	-7.34e-04	-1.75e-05
260	324	-3.82e-03	3.82e-04	-0.08	3.65e-05	-7.95e-04	-1.18e-05
260	331	-0.03	2.81e-03	-0.09	3.58e-05	-9.35e-04	-1.62e-05
260	332	-0.03	-2.45e-03	-0.09	4.52e-05	-9.29e-04	-3.97e-06
260	353	2.90e-03	9.27e-03	-0.07	1.96e-05	-7.64e-04	-3.29e-05
260	359	-0.02	1.05e-03	-0.09	3.70e-05	-8.67e-04	-1.32e-05
260	364	-0.02	-1.03e-03	-0.09	4.09e-05	-8.64e-04	-7.90e-06
260	385	-4.08e-04	4.80e-03	-0.07	2.81e-05	-7.79e-04	-2.23e-05
261	49	-0.05	9.60e-04	-0.12	-1.63e-05	-1.20e-03	1.37e-05
261	73	-0.04	-2.62e-03	-0.34	-1.06e-04	-3.39e-03	8.51e-05
261	76	-0.03	-3.09e-03	-0.24	-6.42e-05	-2.41e-03	5.73e-05
261	231	-0.03	2.96e-04	-0.07	3.70e-05	-6.95e-04	-1.43e-05
261	243	-0.03	-2.36e-03	-0.23	-2.93e-05	-2.32e-03	3.86e-05
261	316	-0.02	1.07e-03	-0.07	3.63e-05	-7.21e-04	-1.54e-05
261	319	-0.02	-9.22e-04	-0.19	-1.34e-05	-1.94e-03	2.43e-05
261	321	0.02	1.15e-03	-0.07	3.81e-05	-7.42e-04	-1.77e-05
261	324	-3.81e-03	3.82e-04	-0.08	3.65e-05	-7.95e-04	-1.18e-05
261	328	-0.03	-1.68e-03	-0.08	4.22e-05	-7.84e-04	-5.65e-06
261	347	-7.97e-03	8.00e-03	-0.08	2.19e-05	-7.68e-04	-3.43e-05
261	348	-0.02	-7.11e-03	-0.08	5.19e-05	-8.11e-04	1.03e-05
261	363	-0.02	1.32e-03	-0.08	3.58e-05	-7.87e-04	-1.43e-05
261	379	-8.58e-03	4.04e-03	-0.08	2.98e-05	-7.96e-04	-1.76e-05
261	380	-7.61e-03	-3.22e-03	-0.08	4.37e-05	-7.89e-04	-6.22e-06
262	73	-0.05	-2.82e-03	-0.36	-1.91e-04	-3.69e-03	1.11e-04
262	75	-0.04	-3.19e-03	-0.28	-1.15e-04	-2.89e-03	7.12e-05
262	243	-0.03	-2.40e-03	-0.24	-8.07e-05	-2.44e-03	5.22e-05
262	319	-0.02	-1.09e-03	-0.20	-6.24e-05	-2.03e-03	3.76e-05
262	324	-3.81e-03	-8.68e-05	-0.08	-4.28e-06	-7.78e-04	0.0
262	328	-0.03	-2.21e-03	-0.08	0.0	-7.63e-04	6.95e-06
262	336	-0.03	-2.34e-03	-0.08	-1.06e-06	-7.64e-04	6.87e-06
262	342	3.05e-03	-7.40e-03	-0.08	1.13e-05	-7.91e-04	2.40e-05
262	363	-0.02	7.58e-04	-0.08	-6.07e-06	-7.70e-04	-2.15e-06
262	368	-0.02	-1.18e-03	-0.08	-3.14e-06	-7.69e-04	2.06e-06
262	374	3.33e-04	-3.63e-03	-0.08	1.94e-06	-7.80e-04	6.79e-06
263	73	-0.05	-1.96e-03	-0.40	-1.65e-04	-4.03e-03	1.01e-04
263	76	-0.04	-2.55e-03	-0.28	-9.92e-05	-2.80e-03	6.53e-05
263	243	-0.04	-1.83e-03	-0.25	-7.58e-05	-2.59e-03	4.97e-05
263	244	-0.03	-1.92e-03	-0.21	-5.52e-05	-2.14e-03	3.84e-05

263	310	-3.82e-03	-8.86e-04	-0.08	5.24e-06	-7.78e-04	1.68e-06
263	319	-0.03	-6.22e-04	-0.21	-5.65e-05	-2.14e-03	3.55e-05
263	324	-3.81e-03	8.68e-05	-0.08	4.28e-06	-7.78e-04	0.0
263	327	-0.03	2.34e-03	-0.08	1.05e-06	-7.63e-04	-6.92e-06
263	335	-0.03	2.21e-03	-0.08	0.0	-7.63e-04	-7.00e-06
263	345	3.47e-03	7.40e-03	-0.08	-1.13e-05	-7.90e-04	-2.41e-05
263	359	-0.02	1.18e-03	-0.08	3.14e-06	-7.69e-04	-2.06e-06
263	372	-0.02	-7.58e-04	-0.08	6.07e-06	-7.70e-04	2.15e-06
263	377	3.33e-04	3.63e-03	-0.08	-1.94e-06	-7.80e-04	-6.79e-06
264	73	-0.05	-2.75e-03	-0.43	-2.52e-04	-4.38e-03	1.13e-04
264	75	-0.04	-3.15e-03	-0.33	-1.74e-04	-3.33e-03	7.86e-05
264	243	-0.04	-2.10e-03	-0.27	-1.29e-04	-2.77e-03	5.75e-05
264	244	-0.03	-2.26e-03	-0.22	-1.05e-04	-2.27e-03	4.74e-05
264	310	-3.89e-03	-1.38e-03	-0.08	-3.58e-05	-7.96e-04	1.41e-05
264	319	-0.03	-9.24e-04	-0.22	-1.06e-04	-2.27e-03	4.44e-05
264	324	-3.81e-03	-3.82e-04	-0.08	-3.65e-05	-7.95e-04	1.18e-05
264	335	-0.03	1.69e-03	-0.08	-4.22e-05	-7.84e-04	5.47e-06
264	343	-0.02	7.12e-03	-0.08	-5.20e-05	-8.11e-04	-1.09e-05
264	344	-8.41e-03	-8.01e-03	-0.08	-2.18e-05	-7.68e-04	3.49e-05
264	372	-0.02	-1.32e-03	-0.08	-3.58e-05	-7.87e-04	1.43e-05
264	375	-7.61e-03	3.22e-03	-0.08	-4.37e-05	-7.89e-04	6.22e-06
264	376	-8.58e-03	-4.04e-03	-0.08	-2.98e-05	-7.96e-04	1.76e-05
265	97	-0.04	-2.50e-03	-0.43	-2.66e-04	-4.32e-03	1.16e-04
265	106	0.05	-9.94e-04	-0.12	-9.55e-05	-2.06e-03	4.09e-05
265	151	-0.02	-3.06e-03	-0.12	-8.38e-05	-1.24e-03	3.95e-05
265	252	-0.02	-2.16e-03	-0.19	-8.89e-05	-1.95e-03	4.08e-05
265	255	-0.02	-1.90e-03	-0.27	-1.40e-04	-2.72e-03	5.95e-05
265	259	0.04	-8.91e-04	-0.06	-2.98e-05	-6.81e-04	9.62e-06
265	310	-3.95e-03	-1.36e-03	-0.08	-3.61e-05	-7.96e-04	1.44e-05
265	322	-0.02	-7.65e-04	-0.22	-1.15e-04	-2.25e-03	4.56e-05
265	323	0.03	-8.76e-06	-0.07	-3.20e-05	-7.15e-04	8.18e-06
265	324	-3.80e-03	-3.82e-04	-0.08	-3.65e-05	-7.95e-04	1.18e-05
265	333	0.02	3.23e-03	-0.09	-4.89e-05	-9.21e-04	-3.50e-06
265	336	-0.02	-3.99e-03	-0.06	-2.42e-05	-6.69e-04	2.71e-05
265	344	-0.01	-0.01	-0.07	-7.60e-06	-8.06e-04	5.61e-05
265	368	-0.01	-1.84e-03	-0.07	-3.30e-05	-7.23e-04	1.68e-05
265	369	6.05e-03	6.16e-04	-0.09	-4.03e-05	-8.66e-04	8.84e-06
265	376	-7.91e-03	-4.54e-03	-0.08	-3.09e-05	-7.78e-04	2.51e-05
266	97	-0.03	-2.00e-03	-0.39	-1.49e-04	-3.98e-03	9.12e-05
266	100	-0.02	-2.56e-03	-0.27	-8.78e-05	-2.76e-03	5.81e-05
266	106	0.05	5.30e-04	-0.11	-4.82e-05	-1.14e-03	2.74e-05
266	255	-0.02	-1.85e-03	-0.25	-6.44e-05	-2.55e-03	4.24e-05
266	256	-0.02	-1.92e-03	-0.21	-4.68e-05	-2.11e-03	3.32e-05
266	259	0.04	5.31e-05	-0.06	1.02e-05	-6.76e-04	-4.37e-06
266	311	0.03	8.92e-04	-0.08	-1.13e-05	-8.66e-04	6.31e-06
266	322	-0.02	-6.46e-04	-0.21	-4.78e-05	-2.12e-03	2.97e-05
266	323	0.03	7.81e-04	-0.07	8.16e-06	-7.07e-04	-5.34e-06
266	324	-3.80e-03	8.68e-05	-0.08	4.28e-06	-7.78e-04	0.0
266	334	0.01	-3.21e-03	-0.09	9.88e-06	-9.22e-04	1.19e-05
266	336	-0.02	-2.75e-03	-0.06	1.52e-05	-6.44e-04	1.47e-05
266	347	-8.06e-03	0.01	-0.07	-2.24e-05	-7.21e-04	-4.62e-05
266	368	-0.01	-9.91e-04	-0.07	6.98e-06	-7.07e-04	4.31e-06
266	369	5.85e-03	7.07e-04	-0.08	1.56e-06	-8.49e-04	-3.24e-06
266	379	-6.34e-03	4.10e-03	-0.07	0.0	-7.55e-04	-1.42e-05
267	97	-0.03	-3.06e-03	-0.36	-2.13e-04	-3.63e-03	1.25e-04
267	99	-0.02	-3.35e-03	-0.28	-1.32e-04	-2.84e-03	8.17e-05
267	106	0.05	3.42e-04	-0.09	-8.21e-05	-1.02e-03	3.57e-05
267	255	-0.02	-2.57e-03	-0.24	-9.75e-05	-2.40e-03	6.24e-05
267	259	0.04	-7.36e-05	-0.06	0.0	-6.85e-04	-3.96e-06
267	322	-0.01	-1.23e-03	-0.20	-7.47e-05	-2.00e-03	4.51e-05
267	323	0.03	6.39e-04	-0.07	-1.87e-06	-7.15e-04	-4.73e-06
267	324	-3.80e-03	-8.68e-05	-0.08	-4.28e-06	-7.78e-04	0.0
267	325	0.01	3.21e-03	-0.09	-9.76e-06	-9.27e-04	-1.20e-05
267	327	-0.02	2.75e-03	-0.07	-1.51e-05	-6.49e-04	-1.48e-05
267	344	-8.27e-03	-0.01	-0.07	2.20e-05	-7.03e-04	4.66e-05
267	359	-0.01	9.91e-04	-0.07	-6.98e-06	-7.07e-04	-4.31e-06
267	362	5.85e-03	-7.07e-04	-0.08	-1.56e-06	-8.49e-04	3.24e-06
267	376	-6.34e-03	-4.10e-03	-0.07	0.0	-7.55e-04	1.42e-05
268	97	-0.03	-3.08e-03	-0.33	-9.51e-05	-3.32e-03	8.38e-05
268	100	-0.02	-3.40e-03	-0.23	-5.66e-05	-2.35e-03	5.66e-05
268	106	0.05	1.25e-03	-0.08	-3.65e-05	-9.08e-04	1.74e-05
268	255	-0.02	-2.68e-03	-0.23	-2.15e-05	-2.27e-03	3.78e-05
268	259	0.04	6.26e-04	-0.07	3.82e-05	-7.08e-04	-1.67e-05
268	311	0.03	1.43e-03	-0.08	1.65e-05	-8.11e-04	-5.95e-06
268	322	-0.01	-1.20e-03	-0.19	-7.22e-06	-1.91e-03	2.35e-05
268	323	0.03	1.28e-03	-0.07	3.75e-05	-7.37e-04	-1.74e-05
268	324	-3.80e-03	3.82e-04	-0.08	3.65e-05	-7.95e-04	-1.18e-05

268	326	0.02	-3.23e-03	-0.09	4.89e-05	-9.15e-04	3.58e-06
268	327	-0.02	3.99e-03	-0.06	2.42e-05	-6.75e-04	-2.72e-05
268	347	-0.01	0.01	-0.07	7.59e-06	-8.26e-04	-5.63e-05
268	359	-0.01	1.84e-03	-0.07	3.30e-05	-7.23e-04	-1.68e-05
268	362	6.05e-03	-6.16e-04	-0.09	4.03e-05	-8.66e-04	-8.84e-06
268	379	-7.91e-03	4.54e-03	-0.08	3.09e-05	-7.78e-04	-2.51e-05
269	17	1.56e-05	-1.05e-05	-2.03e-06	2.16e-05	1.92e-03	1.95e-05
269	149	2.02e-05	-5.27e-06	-1.35e-06	-1.05e-05	3.95e-03	1.90e-05
269	215	7.79e-06	-7.00e-06	-1.30e-06	1.85e-05	1.05e-03	1.07e-05
269	270	1.27e-05	-3.48e-06	0.0	-3.13e-06	1.04e-03	1.78e-05
269	276	7.80e-06	-7.25e-06	-1.30e-06	1.83e-05	1.05e-03	1.05e-05
269	312	8.07e-06	-4.85e-06	-1.07e-06	1.43e-05	9.56e-04	1.23e-05
269	313	1.06e-05	-1.73e-06	0.0	-3.41e-06	2.09e-03	1.22e-05
269	324	7.55e-06	-1.26e-06	0.0	0.0	7.36e-04	1.22e-05
269	333	1.20e-05	0.0	0.0	0.0	4.54e-04	2.22e-05
269	338	1.22e-05	-3.61e-06	0.0	0.0	4.52e-04	2.08e-05
269	350	9.33e-06	-6.49e-06	0.0	0.0	6.46e-04	1.21e-05
269	369	9.76e-06	0.0	0.0	0.0	5.91e-04	1.74e-05
269	370	9.89e-06	-2.43e-06	0.0	0.0	5.90e-04	1.65e-05
269	382	8.44e-06	-3.84e-06	0.0	0.0	6.90e-04	1.21e-05
270	17	1.67e-05	0.0	-2.15e-06	-3.95e-05	2.07e-03	-3.89e-05
270	73	1.91e-05	-4.17e-06	0.0	-2.06e-05	1.49e-03	-4.89e-05
270	149	2.27e-05	-2.91e-06	-1.61e-06	-3.53e-05	4.27e-03	-5.44e-05
270	270	1.36e-05	-2.94e-06	0.0	-1.60e-05	1.13e-03	-3.50e-05
270	276	8.00e-06	0.0	-1.34e-06	-2.27e-05	1.08e-03	-1.76e-05
270	312	8.03e-06	0.0	-1.10e-06	-1.77e-05	9.86e-04	-1.51e-05
270	313	1.13e-05	-1.10e-06	0.0	-1.45e-05	2.21e-03	-2.30e-05
270	319	9.37e-06	-1.92e-06	0.0	-7.18e-06	6.64e-04	-2.07e-05
270	324	7.52e-06	-1.23e-06	0.0	-7.01e-06	1.53e-04	-2.53e-05
270	338	1.27e-05	-3.29e-06	0.0	-6.37e-06	4.58e-04	-3.52e-05
270	340	3.44e-06	-1.30e-06	0.0	-7.90e-06	1.04e-03	-4.04e-06
270	350	1.07e-05	-5.16e-06	0.0	-7.21e-06	6.47e-04	-3.45e-05
270	368	5.43e-06	-1.06e-06	0.0	-7.46e-06	8.99e-04	-9.20e-06
270	370	1.01e-05	-2.25e-06	0.0	-6.68e-06	6.02e-04	-2.53e-05
270	382	9.08e-06	-3.17e-06	0.0	-7.10e-06	6.99e-04	-2.48e-05
271	17	1.15e-05	-1.77e-06	-1.44e-06	1.08e-05	1.62e-03	1.11e-05
271	49	1.57e-05	3.62e-06	0.0	2.79e-06	1.11e-03	2.99e-05
271	276	6.62e-06	-2.15e-06	-1.01e-06	1.32e-05	1.02e-03	7.43e-06
271	289	1.05e-05	2.10e-06	0.0	2.24e-06	8.70e-04	1.81e-05
271	295	6.76e-06	-1.90e-06	-1.01e-06	1.43e-05	1.02e-03	8.93e-06
271	312	7.49e-06	0.0	0.0	1.21e-05	9.34e-04	1.28e-05
271	316	9.83e-06	2.35e-06	0.0	7.67e-06	6.51e-04	2.33e-05
271	324	7.52e-06	1.23e-06	0.0	7.01e-06	7.53e-04	1.53e-05
271	327	3.20e-06	1.07e-06	0.0	7.96e-06	1.04e-03	2.19e-06
271	329	1.27e-05	3.29e-06	0.0	6.37e-06	4.58e-04	3.52e-05
271	353	1.07e-05	5.16e-06	0.0	7.21e-06	6.47e-04	3.45e-05
271	359	5.43e-06	1.06e-06	0.0	7.46e-06	8.99e-04	9.20e-06
271	361	1.01e-05	2.25e-06	0.0	6.68e-06	6.02e-04	2.53e-05
271	385	9.08e-06	3.17e-06	0.0	7.10e-06	6.99e-04	2.48e-05
272	17	1.34e-05	6.11e-06	-1.74e-06	-3.47e-05	1.76e-03	-2.70e-05
272	49	1.69e-05	2.48e-06	0.0	-4.95e-06	1.21e-03	-3.25e-05
272	215	7.30e-06	4.22e-06	-1.15e-06	-2.19e-05	1.02e-03	-1.32e-05
272	289	1.15e-05	1.18e-06	0.0	-4.16e-06	9.42e-04	-2.23e-05
272	295	7.31e-06	4.47e-06	-1.14e-06	-2.17e-05	1.02e-03	-1.30e-05
272	311	9.99e-06	1.69e-06	0.0	-1.51e-06	7.80e-04	-1.76e-05
272	312	7.82e-06	4.31e-06	0.0	-1.60e-05	9.37e-04	-1.30e-05
272	324	7.55e-06	1.26e-06	0.0	0.0	7.36e-04	-1.22e-05
272	326	1.20e-05	0.0	0.0	0.0	4.56e-04	-2.23e-05
272	329	1.22e-05	3.61e-06	0.0	0.0	4.52e-04	-2.08e-05
272	353	9.33e-06	6.49e-06	0.0	0.0	6.46e-04	-1.21e-05
272	361	9.89e-06	2.43e-06	0.0	0.0	5.90e-04	-1.65e-05
272	362	9.76e-06	0.0	0.0	0.0	5.91e-04	-1.74e-05
272	385	8.44e-06	3.84e-06	0.0	0.0	6.90e-04	-1.21e-05
273	127	-0.01	-1.34e-03	-0.41	-2.59e-04	-4.28e-03	1.09e-04
273	149	-0.01	-1.96e-03	-0.15	-1.25e-04	-1.59e-03	5.85e-05
273	270	-8.43e-03	-9.44e-04	-0.30	-1.91e-04	-3.17e-03	8.01e-05
273	282	-5.03e-03	-1.07e-03	-0.07	-3.81e-05	-7.23e-04	1.78e-05
273	310	-3.88e-03	-6.46e-04	-0.08	-3.59e-05	-7.96e-04	1.41e-05
273	311	-6.18e-03	-3.90e-04	-0.23	-1.30e-04	-2.42e-03	5.07e-05
273	324	-3.75e-03	-3.86e-04	-0.08	-3.59e-05	-7.96e-04	1.16e-05
273	333	-1.63e-03	7.34e-04	-0.10	-4.71e-05	-7.08e-03	4.31e-06
273	336	-5.87e-03	-1.51e-03	-0.05	-2.47e-05	-5.10e-04	1.89e-05
273	344	-5.04e-03	-1.99e-03	-0.06	-2.24e-05	-6.88e-04	2.57e-05
273	368	-4.81e-03	-9.24e-04	-0.06	-3.12e-05	-6.52e-04	1.52e-05
273	369	-2.71e-03	1.10e-04	-0.09	-4.06e-05	-9.40e-04	8.58e-06
273	376	-4.39e-03	-1.11e-03	-0.07	-3.24e-05	-7.49e-04	1.82e-05
274	105	-9.99e-03	-4.71e-04	-0.33	-1.30e-04	-3.47e-03	7.89e-05

274	127	-9.86e-03	-5.75e-04	-0.38	-1.38e-04	-3.94e-03	8.26e-05
274	132	-6.46e-03	-6.26e-04	-0.26	-8.14e-05	-2.73e-03	5.19e-05
274	270	-7.26e-03	-3.94e-04	-0.28	-1.02e-04	-2.92e-03	6.08e-05
274	272	-5.81e-03	-4.03e-04	-0.21	-6.03e-05	-2.24e-03	3.84e-05
274	311	-5.55e-03	-4.36e-05	-0.22	-6.02e-05	-2.26e-03	3.43e-05
274	322	-4.86e-03	1.89e-04	-0.07	6.70e-06	-7.01e-04	-2.71e-06
274	324	-3.75e-03	6.84e-05	-0.07	4.42e-06	-7.79e-04	0.0
274	333	-1.88e-03	3.42e-04	-0.10	-2.19e-06	-1.05e-03	-6.36e-06
274	336	-5.62e-03	-2.05e-04	-0.05	1.10e-05	-5.05e-04	5.26e-06
274	347	-4.15e-03	1.27e-03	-0.07	-5.03e-06	-7.07e-04	-1.38e-05
274	368	-4.68e-03	-4.31e-05	-0.06	6.95e-06	-6.39e-04	2.16e-06
274	369	-2.82e-03	1.43e-04	-0.09	1.88e-06	-9.19e-04	-2.76e-06
274	379	-3.97e-03	5.87e-04	-0.07	2.25e-06	-7.38e-04	-6.50e-06
275	97	-9.25e-03	-2.79e-04	-0.12	-8.36e-05	-1.29e-03	3.96e-05
275	127	-8.20e-03	-1.50e-03	-0.35	-2.04e-04	-3.61e-03	1.16e-04
275	165	-8.22e-03	-1.36e-03	-0.35	-2.02e-04	-3.61e-03	1.14e-04
275	270	-6.04e-03	-1.08e-03	-0.26	-1.51e-04	-2.67e-03	8.57e-05
275	289	-6.05e-03	-9.84e-04	-0.26	-1.50e-04	-2.67e-03	8.41e-05
275	311	-4.84e-03	-5.83e-04	-0.20	-9.37e-05	-2.11e-03	5.16e-05
275	322	-4.87e-03	1.01e-04	-0.07	-3.78e-06	-7.04e-04	-2.09e-06
275	324	-3.75e-03	-6.84e-05	-0.07	-4.42e-06	-7.79e-04	0.0
275	326	-1.87e-03	-3.41e-04	-0.10	2.41e-06	-1.05e-03	6.29e-06
275	327	-5.62e-03	2.04e-04	-0.05	-1.12e-05	-5.05e-04	-5.19e-06
275	344	-4.13e-03	-1.27e-03	-0.07	5.77e-06	-1.35e-04	1.35e-05
275	359	-4.68e-03	4.31e-05	-0.06	-6.95e-06	-6.39e-04	-2.16e-06
275	362	-2.82e-03	-1.43e-04	-0.09	-1.88e-06	-9.19e-04	2.76e-06
275	376	-3.97e-03	-5.87e-04	-0.07	-2.25e-06	-7.38e-04	6.50e-06
276	97	-8.61e-03	9.84e-04	-0.11	-1.64e-05	-1.18e-03	1.42e-05
276	128	-4.81e-03	-1.68e-03	-0.29	-1.10e-04	-3.01e-03	8.30e-05
276	165	-6.37e-03	-1.36e-03	-0.32	-8.10e-05	-3.32e-03	7.17e-05
276	265	-5.46e-03	4.67e-04	-0.08	3.96e-05	-8.80e-04	-1.17e-05
276	270	-4.62e-03	-1.11e-03	-0.24	-6.60e-05	-2.46e-03	5.61e-05
276	289	-4.69e-03	-9.90e-04	-0.24	-6.13e-05	-2.46e-03	5.34e-05
276	311	-4.03e-03	-5.44e-04	-0.19	-2.31e-05	-1.99e-03	2.84e-05
276	322	-4.94e-03	8.18e-04	-0.07	3.55e-05	-7.22e-04	-1.49e-05
276	324	-3.75e-03	3.86e-04	-0.08	3.59e-05	-7.96e-04	-1.16e-05
276	326	-1.61e-03	-7.40e-04	-0.10	4.74e-05	-1.08e-03	-4.37e-06
276	327	-5.89e-03	1.51e-03	-0.05	2.44e-05	-5.10e-04	-1.89e-05
276	347	-5.09e-03	2.01e-03	-0.06	2.14e-05	-6.88e-04	-2.55e-05
276	359	-4.81e-03	9.24e-04	-0.06	3.12e-05	-6.52e-04	-1.52e-05
276	362	-2.71e-03	-1.10e-04	-0.09	4.06e-05	-9.40e-04	-8.58e-06
276	379	-4.39e-03	1.11e-03	-0.07	3.24e-05	-7.49e-04	-1.82e-05
277	149	-0.05	-0.01	-1.31	-4.83e-04	-1.05e-03	-4.48e-06
277	187	-0.05	-0.01	-1.31	-4.66e-04	-1.05e-03	-6.04e-06
277	281	-0.04	-8.77e-03	-0.89	-1.52e-04	-7.22e-04	-8.54e-06
277	300	-0.04	-8.26e-03	-0.90	-1.41e-04	-7.23e-04	-9.58e-06
277	313	-0.03	-5.68e-03	-0.74	-9.20e-05	-5.98e-04	-8.56e-06
277	324	-2.05e-03	-8.79e-04	-0.30	8.14e-05	-2.34e-04	-8.86e-06
277	327	-0.01	-3.69e-04	-0.41	1.15e-04	-3.13e-04	-4.37e-06
277	332	-0.01	-3.84e-03	-0.41	1.09e-04	-3.11e-04	-6.13e-06
277	356	-6.51e-03	-8.72e-03	-0.33	8.19e-05	-2.55e-04	-1.11e-05
277	363	-7.44e-03	-1.11e-04	-0.36	9.82e-05	-2.74e-04	-6.46e-06
277	364	-7.79e-03	-2.36e-03	-0.36	9.57e-05	-2.74e-04	-7.46e-06
277	388	-4.30e-03	-4.77e-03	-0.32	8.17e-05	-2.44e-04	-9.98e-06
278	152	-0.06	-2.58e-03	-0.24	-6.22e-05	-2.41e-03	5.33e-05
278	187	-0.08	-1.49e-03	-0.34	-9.60e-05	-3.39e-03	7.68e-05
278	282	-0.04	-1.83e-03	-0.19	-1.10e-05	-1.93e-03	2.42e-05
278	300	-0.05	-1.45e-03	-0.23	-2.28e-05	-2.31e-03	3.23e-05
278	313	-0.04	-4.43e-04	-0.19	-1.19e-05	-1.92e-03	2.13e-05
278	316	5.23e-03	1.11e-03	-0.07	3.75e-05	-7.20e-04	-1.72e-05
278	324	-3.83e-03	3.83e-04	-0.08	3.65e-05	-7.91e-04	-1.18e-05
278	332	-0.02	-1.88e-03	-0.11	4.69e-05	-1.06e-03	-4.21e-06
278	353	3.03e-03	6.56e-03	-0.07	2.62e-05	-7.15e-04	-2.66e-05
278	364	-0.01	-7.45e-04	-0.09	4.18e-05	-9.32e-04	-8.01e-06
278	385	-3.71e-04	3.45e-03	-0.07	3.13e-05	-7.52e-04	-1.91e-05
279	49	-0.03	-0.02	-1.31	-4.98e-04	-1.06e-03	-1.09e-06
279	187	-0.06	-1.62e-03	-0.47	-1.54e-04	-3.63e-04	-9.23e-06
279	231	-0.02	-0.01	-0.90	-1.62e-04	-7.26e-04	-5.63e-06
279	300	-0.05	-2.72e-04	-0.27	9.16e-05	-2.11e-04	-1.15e-05
279	313	-0.03	5.35e-04	-0.28	8.29e-05	-2.16e-04	-1.05e-05
279	316	-0.02	-6.74e-03	-0.75	-1.01e-04	-6.04e-04	-6.98e-06
279	324	-2.03e-03	-8.81e-04	-0.30	8.15e-05	-2.37e-04	-8.87e-06
279	331	-0.03	3.15e-03	-0.36	1.01e-04	-2.78e-04	-9.40e-06
279	356	-8.91e-03	-0.02	-0.32	7.22e-05	-2.37e-04	0.0
279	359	-0.01	1.54e-04	-0.33	9.05e-05	-2.58e-04	-8.36e-06
279	363	-0.01	1.12e-03	-0.33	9.13e-05	-2.58e-04	-9.11e-06
279	388	-5.51e-03	-8.38e-03	-0.31	7.68e-05	-2.37e-04	-4.28e-06

280	49	0.02	-9.64e-03	-0.92	-4.20e-04	2.67e-03	-1.13e-04
280	150	-0.06	-5.23e-04	-0.24	-1.62e-04	7.31e-04	-4.28e-05
280	231	0.01	-6.79e-03	-0.63	-1.59e-04	1.82e-03	-5.77e-05
280	281	-0.04	-1.61e-04	-0.19	5.93e-05	5.66e-04	-8.69e-06
280	313	-0.03	1.04e-03	-0.20	6.01e-05	5.78e-04	-6.65e-06
280	316	0.01	-4.15e-03	-0.53	-1.05e-04	1.52e-03	-4.39e-05
280	324	4.67e-03	-3.90e-04	-0.22	5.68e-05	6.18e-04	-5.31e-06
280	327	-0.02	1.59e-03	-0.25	7.04e-05	7.28e-04	-1.19e-06
280	329	0.03	3.73e-03	-0.18	5.02e-05	5.15e-04	-4.07e-06
280	356	-3.79e-03	-0.01	-0.23	4.92e-05	6.39e-04	-2.94e-05
280	359	-5.91e-03	4.39e-04	-0.24	6.40e-05	6.75e-04	-5.41e-06
280	361	0.02	1.66e-03	-0.20	5.34e-05	5.65e-04	-6.21e-06
280	388	4.15e-04	-6.58e-03	-0.22	5.30e-05	6.29e-04	-1.88e-05
281	149	-0.05	-9.38e-03	-1.42	-9.08e-04	-1.15e-03	8.77e-05
281	187	-0.05	-8.62e-03	-1.42	-8.99e-04	-1.15e-03	8.77e-05
281	281	-0.04	-5.87e-03	-0.94	-4.39e-04	-7.68e-04	5.35e-05
281	300	-0.04	-5.36e-03	-0.94	-4.32e-04	-7.69e-04	5.35e-05
281	313	-0.03	-3.39e-03	-0.78	-3.25e-04	-6.31e-04	4.08e-05
281	324	-2.02e-03	-2.82e-04	-0.30	7.67e-06	-2.28e-04	2.35e-06
281	327	-0.01	7.00e-04	-0.40	1.60e-05	-3.05e-04	1.39e-06
281	328	-0.01	-1.70e-03	-0.40	9.88e-06	-3.03e-04	0.0
281	356	-5.71e-03	-7.95e-03	-0.33	2.36e-06	-2.50e-04	-1.20e-06
281	363	-7.51e-03	7.29e-04	-0.35	1.14e-05	-2.67e-04	2.04e-06
281	364	-7.63e-03	-1.51e-03	-0.35	9.33e-06	-2.67e-04	0.0
281	388	-3.89e-03	-4.08e-03	-0.31	5.01e-06	-2.39e-04	0.0
282	25	-0.08	-2.01e-03	-0.36	-1.87e-04	-3.67e-03	1.06e-04
282	151	-0.06	-2.68e-03	-0.29	-1.13e-04	-2.88e-03	6.72e-05
282	187	-0.08	-1.75e-03	-0.36	-1.87e-04	-3.67e-03	1.04e-04
282	219	-0.06	-1.72e-03	-0.24	-7.86e-05	-2.43e-03	4.77e-05
282	282	-0.04	-1.97e-03	-0.20	-5.99e-05	-2.02e-03	3.75e-05
282	300	-0.06	-1.55e-03	-0.24	-7.81e-05	-2.43e-03	4.70e-05
282	310	-3.85e-03	-9.35e-04	-0.08	-3.47e-06	-7.74e-04	2.16e-06
282	313	-0.04	-6.75e-04	-0.20	-6.08e-05	-2.00e-03	3.47e-05
282	324	-3.83e-03	-8.67e-05	-0.08	-4.28e-06	-7.74e-04	0.0
282	328	-0.02	-9.44e-04	-0.10	0.0	-1.04e-03	3.53e-06
282	332	-0.02	-1.61e-03	-0.10	0.0	-1.04e-03	6.55e-06
282	350	4.49e-04	-5.94e-03	-0.07	2.49e-06	-9.92e-04	1.49e-05
282	364	-0.01	-8.40e-04	-0.09	-1.82e-06	-9.12e-04	3.53e-06
282	382	-1.66e-03	-2.99e-03	-0.07	0.0	-7.32e-04	7.63e-06
283	149	-0.05	-5.35e-03	-1.55	-6.38e-04	-1.27e-03	-2.42e-05
283	150	-0.05	-5.48e-03	-1.44	-6.28e-04	-1.18e-03	-2.38e-05
283	187	-0.05	-4.59e-03	-1.55	-6.28e-04	-1.27e-03	-2.42e-05
283	281	-0.04	-3.04e-03	-1.00	-2.62e-04	-8.25e-04	-2.39e-05
283	300	-0.04	-2.54e-03	-1.00	-2.55e-04	-8.25e-04	-2.39e-05
283	313	-0.03	-1.16e-03	-0.82	-1.94e-04	-6.73e-04	-1.85e-05
283	324	-2.02e-03	2.82e-04	-0.30	-7.67e-06	-2.28e-04	-2.35e-06
283	336	-0.01	-6.99e-04	-0.40	-1.50e-05	-3.05e-04	-1.24e-06
283	339	-0.01	2.76e-03	-0.40	-1.09e-05	-3.04e-04	0.0
283	351	-5.71e-03	7.95e-03	-0.33	-2.36e-06	-2.50e-04	1.20e-06
283	371	-7.63e-03	1.51e-03	-0.35	-9.33e-06	-2.67e-04	0.0
283	372	-7.51e-03	-7.29e-04	-0.35	-1.14e-05	-2.67e-04	-2.04e-06
283	383	-3.89e-03	4.08e-03	-0.31	-5.01e-06	-2.39e-04	0.0
284	25	-0.08	-1.16e-03	-0.40	-1.61e-04	-4.00e-03	9.56e-05
284	149	-0.08	-1.42e-03	-0.40	-1.62e-04	-4.01e-03	9.67e-05
284	152	-0.06	-2.06e-03	-0.28	-9.78e-05	-2.79e-03	6.14e-05
284	219	-0.06	-1.16e-03	-0.26	-7.36e-05	-2.57e-03	4.53e-05
284	281	-0.06	-1.33e-03	-0.26	-7.41e-05	-2.58e-03	4.60e-05
284	282	-0.04	-1.51e-03	-0.21	-5.42e-05	-2.13e-03	3.55e-05
284	310	-3.81e-03	-7.62e-04	-0.08	5.09e-06	-7.75e-04	1.08e-06
284	313	-0.04	-2.18e-04	-0.21	-5.46e-05	-2.11e-03	3.27e-05
284	324	-3.83e-03	8.67e-05	-0.08	4.28e-06	-7.74e-04	0.0
284	335	-0.02	9.45e-04	-0.10	0.0	-1.04e-03	-3.55e-06
284	339	-0.02	1.61e-03	-0.10	0.0	-1.04e-03	-6.55e-06
284	353	4.49e-04	5.94e-03	-0.07	-2.49e-06	-6.92e-04	-1.49e-05
284	371	-0.01	8.40e-04	-0.09	1.82e-06	-9.12e-04	-3.53e-06
284	385	-1.66e-03	2.99e-03	-0.07	0.0	-7.32e-04	-7.63e-06
285	132	1.13e-03	-2.45e-03	-0.38	-1.89e-04	-2.94e-04	1.18e-05
285	149	-0.05	-6.57e-04	-1.69	-1.01e-03	-1.37e-03	5.20e-05
285	187	-0.05	1.11e-04	-1.68	-9.95e-04	-1.37e-03	5.04e-05
285	270	9.50e-04	-1.35e-03	-0.47	-2.99e-04	-3.64e-04	1.64e-05
285	281	-0.04	1.82e-04	-1.07	-5.34e-04	-8.74e-04	3.16e-05
285	300	-0.04	6.93e-04	-1.07	-5.23e-04	-8.73e-04	3.06e-05
285	313	-0.03	1.37e-03	-0.87	-4.12e-04	-7.11e-04	2.52e-05
285	324	-2.05e-03	8.79e-04	-0.30	-8.14e-05	-2.34e-04	8.86e-06
285	336	-0.01	3.73e-04	-0.41	-1.14e-04	-3.13e-04	4.51e-06
285	339	-0.01	3.84e-03	-0.41	-1.09e-04	-3.11e-04	6.13e-06
285	351	-6.51e-03	8.72e-03	-0.33	-8.19e-05	-2.55e-04	1.11e-05

285	371	-7.79e-03	2.36e-03	-0.36	-9.57e-05	-2.74e-04	7.46e-06
285	372	-7.44e-03	1.11e-04	-0.36	-9.82e-05	-2.74e-04	6.46e-06
285	383	-4.30e-03	4.77e-03	-0.32	-8.17e-05	-2.44e-04	9.98e-06
286	149	-0.08	-2.25e-03	-0.43	-2.54e-04	-4.35e-03	1.10e-04
286	151	-0.06	-2.67e-03	-0.33	-1.77e-04	-3.31e-03	7.66e-05
286	281	-0.06	-1.64e-03	-0.27	-1.30e-04	-2.75e-03	5.51e-05
286	282	-0.05	-1.87e-03	-0.22	-1.08e-04	-2.26e-03	4.57e-05
286	310	-3.81e-03	-1.25e-03	-0.08	-3.59e-05	-7.92e-04	1.35e-05
286	313	-0.04	-5.74e-04	-0.22	-1.04e-04	-2.24e-03	4.18e-05
286	324	-3.83e-03	-3.83e-04	-0.08	-3.65e-05	-7.91e-04	1.18e-05
286	335	-0.02	1.21e-03	-0.11	-4.67e-05	-1.06e-03	6.91e-06
286	339	-0.02	1.88e-03	-0.11	-4.69e-05	-1.06e-03	4.21e-06
286	350	3.03e-03	-6.56e-03	-0.07	-2.62e-05	-7.15e-04	2.66e-05
286	371	-0.01	7.45e-04	-0.09	-4.18e-05	-9.32e-04	8.01e-06
286	382	-3.71e-04	-3.45e-03	-0.07	-3.13e-05	-7.52e-04	1.91e-05
287	49	-0.04	-2.22e-03	-1.70	-1.02e-03	-2.37e-03	5.39e-05
287	132	8.56e-03	-3.35e-03	-0.37	-1.89e-04	-2.97e-04	1.34e-05
287	149	-0.06	-9.44e-04	-0.61	-3.90e-04	-4.66e-04	2.07e-05
287	231	-0.03	-1.25e-03	-1.07	-5.40e-04	-8.88e-04	3.35e-05
287	272	6.11e-03	-1.93e-03	-0.36	-1.74e-04	-2.87e-04	1.35e-05
287	281	-0.05	-2.68e-04	-0.27	-7.21e-05	-2.03e-04	8.81e-06
287	313	-0.03	1.44e-03	-0.28	-6.62e-05	-2.10e-04	7.40e-06
287	316	-0.02	4.43e-04	-0.88	-4.24e-04	-7.24e-04	2.68e-05
287	319	0.01	1.58e-03	-0.28	-6.40e-05	-2.40e-04	9.12e-06
287	324	-2.03e-03	8.81e-04	-0.30	-8.15e-05	-2.37e-04	8.87e-06
287	340	-0.03	-3.15e-03	-0.36	-1.01e-04	-2.78e-04	9.40e-06
287	351	-8.91e-03	0.02	-0.32	-7.22e-05	-2.37e-04	0.0
287	368	-0.01	-1.54e-04	-0.33	-9.05e-05	-2.58e-04	8.36e-06
287	372	-0.01	-1.12e-03	-0.33	-9.13e-05	-2.58e-04	9.11e-06
287	383	-5.51e-03	8.38e-03	-0.31	-7.68e-05	-2.37e-04	4.28e-06
288	49	0.03	-2.82e-03	-1.19	-6.52e-04	3.47e-03	-6.61e-05
288	52	0.02	-3.33e-03	-0.82	-4.00e-04	2.40e-03	-4.31e-05
288	188	-0.06	-1.81e-04	-0.34	-2.24e-04	1.02e-03	-1.54e-05
288	231	0.02	-1.89e-03	-0.75	-3.28e-04	2.20e-03	-2.97e-05
288	232	0.01	-2.10e-03	-0.62	-2.61e-04	1.81e-03	-2.13e-05
288	300	-0.04	1.86e-04	-0.18	-3.79e-05	5.60e-04	1.06e-05
288	313	-0.03	1.02e-03	-0.19	-4.30e-05	5.70e-04	1.10e-05
288	316	0.02	-3.25e-04	-0.62	-2.59e-04	1.80e-03	-1.87e-05
288	324	4.67e-03	3.90e-04	-0.22	-5.68e-05	6.18e-04	8.31e-06
288	338	0.03	-3.73e-03	-0.18	-5.02e-05	5.15e-04	4.07e-06
288	340	-0.02	-2.83e-03	-0.25	-6.97e-05	7.29e-04	0.0
288	351	-3.79e-03	0.01	-0.23	-4.92e-05	6.39e-04	2.94e-05
288	368	-5.91e-03	-4.39e-04	-0.24	-6.40e-05	6.75e-04	5.41e-06
288	370	0.02	-1.66e-03	-0.20	-5.34e-05	5.65e-04	6.21e-06
288	383	4.15e-04	6.58e-03	-0.22	-5.30e-05	6.29e-04	1.88e-05
289	49	-0.04	-7.01e-03	-1.56	-6.52e-04	-1.29e-03	-2.05e-05
289	50	-0.04	-7.14e-03	-1.45	-6.42e-04	-1.20e-03	-2.00e-05
289	149	-0.06	-1.56e-03	-0.56	-2.84e-04	-4.28e-04	2.58e-06
289	231	-0.03	-4.55e-03	-1.01	-2.72e-04	-8.36e-04	-2.07e-05
289	281	-0.05	-4.77e-04	-0.26	0.0	-2.00e-04	-3.69e-06
289	313	-0.03	1.15e-03	-0.27	2.88e-06	-2.07e-04	-4.04e-06
289	316	-0.02	-2.16e-03	-0.83	-2.05e-04	-6.84e-04	-1.67e-05
289	324	-2.00e-03	2.83e-04	-0.30	-7.70e-06	-2.31e-04	-2.35e-06
289	335	-0.03	3.75e-03	-0.35	-7.66e-06	-2.67e-04	-4.75e-06
289	340	-0.03	-3.86e-03	-0.35	-1.46e-05	-2.68e-04	0.0
289	351	-9.34e-03	0.02	-0.31	4.99e-06	-2.38e-04	-1.09e-05
289	367	-0.01	1.71e-03	-0.32	-7.84e-06	-2.49e-04	-3.48e-06
289	372	-0.01	-1.78e-03	-0.32	-1.12e-05	-2.50e-04	-1.59e-06
289	383	-5.71e-03	7.76e-03	-0.31	-1.23e-06	-2.35e-04	-6.59e-06
290	49	0.02	-5.22e-03	-1.10	-5.69e-04	3.19e-03	-9.64e-05
290	50	0.02	-5.29e-03	-1.01	-5.62e-04	2.96e-03	-9.49e-05
290	188	-0.06	4.31e-05	-0.31	-1.87e-04	9.24e-04	-3.48e-05
290	231	0.01	-3.61e-03	-0.70	-2.69e-04	2.06e-03	-4.66e-05
290	300	-0.04	3.07e-04	-0.18	8.82e-06	5.54e-04	-2.20e-06
290	313	-0.03	1.06e-03	-0.19	4.23e-06	5.64e-04	-1.50e-06
290	316	0.01	-1.67e-03	-0.58	-2.02e-04	1.70e-03	-3.43e-05
290	324	4.72e-03	1.21e-04	-0.21	-6.42e-06	6.08e-04	-3.30e-06
290	336	-0.02	-2.03e-03	-0.25	-1.13e-05	7.14e-04	-8.77e-06
290	338	0.03	-3.81e-03	-0.18	-7.05e-06	5.04e-04	-8.91e-06
290	351	-2.17e-03	0.01	-0.22	2.69e-06	6.37e-04	1.78e-05
290	368	-5.93e-03	-7.96e-04	-0.23	-9.36e-06	6.36e-04	-5.41e-06
290	370	0.02	-1.83e-03	-0.19	-6.74e-06	5.55e-04	-6.08e-06
290	383	1.24e-03	6.26e-03	-0.22	-1.78e-06	6.23e-04	7.20e-06
291	49	-0.04	-0.01	-1.43	-9.24e-04	-1.16e-03	9.14e-05
291	187	-0.06	-1.06e-03	-0.51	-2.91e-04	-1.57e-04	1.57e-05
291	231	-0.03	-7.41e-03	-0.95	-4.50e-04	-7.76e-04	5.67e-05
291	300	-0.05	-1.47e-05	-0.27	1.85e-05	-2.02e-04	0.0

291	313	-0.03	8.66e-04	-0.27	1.38e-05	-2.09e-04	0.0
291	316	-0.02	-4.43e-03	-0.78	-3.34e-04	-6.39e-04	4.25e-05
291	324	-2.00e-03	-2.83e-04	-0.30	7.70e-06	-2.31e-04	2.35e-06
291	328	-0.03	-3.75e-03	-0.35	7.59e-06	-2.67e-04	4.68e-06
291	331	-0.03	3.86e-03	-0.35	1.46e-05	-2.68e-04	0.0
291	356	-9.34e-03	-0.02	-0.31	-4.99e-06	-2.38e-04	1.09e-05
291	360	-0.01	-1.71e-03	-0.32	7.84e-06	-2.49e-04	3.48e-06
291	363	-0.01	1.78e-03	-0.32	1.12e-05	-2.50e-04	1.59e-06
291	388	-5.71e-03	-7.76e-03	-0.31	1.23e-06	-2.35e-04	6.59e-06
292	49	0.02	-7.29e-03	-1.00	-5.49e-04	2.92e-03	-8.67e-05
292	150	-0.06	-5.75e-04	-0.28	-2.19e-04	8.27e-04	-2.66e-05
292	231	0.01	-5.13e-03	-0.66	-2.37e-04	1.94e-03	-4.29e-05
292	281	-0.04	-1.73e-04	-0.18	1.31e-05	5.56e-04	2.94e-06
292	313	-0.03	1.07e-03	-0.19	1.33e-05	5.67e-04	5.14e-06
292	316	0.01	-2.85e-03	-0.55	-1.75e-04	1.60e-03	-2.98e-05
292	324	4.72e-03	-1.21e-04	-0.21	6.42e-06	6.08e-04	3.30e-06
292	325	0.03	2.56e-03	-0.18	6.97e-06	5.04e-04	7.21e-06
292	327	-0.02	2.03e-03	-0.25	1.16e-05	7.14e-04	8.76e-06
292	356	-2.17e-03	-0.01	-0.22	-2.69e-06	6.37e-04	-1.78e-05
292	359	-5.93e-03	7.96e-04	-0.23	9.36e-06	6.63e-04	5.41e-06
292	361	0.02	1.83e-03	-0.19	6.74e-06	5.55e-04	6.08e-06
292	388	1.24e-03	-6.26e-03	-0.22	1.78e-06	6.23e-04	-7.20e-06
293	49	-0.05	-2.16e-03	-0.47	-1.65e-04	-3.67e-04	-7.36e-06
293	73	-0.02	-0.02	-1.31	-4.99e-04	-1.12e-03	-1.12e-06
293	231	-0.03	-6.21e-04	-0.27	8.48e-05	-2.13e-04	-1.03e-05
293	243	-0.01	-0.01	-0.90	-1.62e-04	-7.28e-04	-5.68e-06
293	316	-0.02	4.84e-04	-0.28	8.45e-05	-2.20e-04	-1.04e-05
293	319	-8.33e-03	-6.77e-03	-0.75	-1.01e-04	-6.06e-04	-6.97e-06
293	324	-2.02e-03	-8.81e-04	-0.30	8.15e-05	-2.37e-04	-8.87e-06
293	328	-0.03	-3.81e-03	-0.31	9.02e-05	-2.40e-04	-6.55e-06
293	342	4.38e-03	-0.01	-0.31	1.14e-04	-2.18e-04	-2.00e-06
293	346	4.25e-03	-0.01	-0.31	1.14e-04	-2.18e-04	-2.01e-06
293	363	-0.02	5.80e-04	-0.30	8.25e-05	-2.42e-04	-9.69e-06
293	378	2.76e-03	-5.86e-03	-0.30	7.82e-05	-2.30e-04	-6.86e-06
293	381	1.91e-03	3.91e-03	-0.31	8.67e-05	-2.39e-04	-1.20e-05
294	49	-0.05	-1.56e-03	-0.51	-2.95e-04	-3.94e-04	1.60e-05
294	73	-0.02	-0.01	-1.43	-9.24e-04	-1.17e-03	9.14e-05
294	231	-0.03	-3.38e-04	-0.27	1.66e-05	-2.05e-04	0.0
294	243	-0.01	-7.39e-03	-0.95	-4.50e-04	-7.78e-04	5.66e-05
294	316	-0.02	8.45e-04	-0.27	1.50e-05	-2.13e-04	0.0
294	319	-9.00e-03	-4.44e-03	-0.78	-3.35e-04	-6.42e-04	4.25e-05
294	324	-1.99e-03	-2.83e-04	-0.30	7.70e-06	-2.31e-04	2.35e-06
294	328	-0.03	-3.24e-03	-0.30	1.70e-05	-2.37e-04	4.79e-06
294	342	5.75e-03	-0.01	-0.30	3.89e-05	-2.24e-04	9.78e-06
294	346	5.70e-03	-0.01	-0.30	3.89e-05	-2.24e-04	9.80e-06
294	361	0.01	1.15e-03	-0.30	9.01e-06	-2.28e-04	1.35e-06
294	363	-0.02	1.16e-03	-0.30	8.93e-06	-2.35e-04	1.54e-06
294	378	2.32e-03	-5.25e-03	-0.30	4.29e-06	-2.28e-04	4.37e-06
295	49	-0.05	-1.05e-03	-0.56	-2.76e-04	-4.32e-04	2.40e-06
295	73	-0.02	-7.01e-03	-1.56	-6.52e-04	-1.29e-03	-2.05e-05
295	74	-0.02	-7.15e-03	-1.45	-6.42e-04	-1.20e-03	-2.00e-05
295	231	-0.03	-1.14e-04	-0.27	6.56e-06	-2.03e-04	-3.84e-06
295	243	-0.02	-4.53e-03	-1.01	-2.72e-04	-8.38e-04	-2.08e-05
295	316	-0.02	1.16e-03	-0.27	3.62e-06	-2.10e-04	-3.99e-06
295	319	-9.67e-03	-2.16e-03	-0.83	-2.05e-04	-6.86e-04	-1.67e-05
295	324	-1.99e-03	2.83e-04	-0.30	-7.70e-06	-2.31e-04	-2.35e-06
295	335	-0.03	3.24e-03	-0.30	-1.71e-05	-2.36e-04	-4.88e-06
295	341	6.02e-03	0.01	-0.30	-3.92e-05	-2.23e-04	-1.01e-05
295	345	6.07e-03	0.01	-0.30	-3.92e-05	-2.23e-04	-1.01e-05
295	370	0.01	-1.15e-03	-0.30	-9.01e-06	-2.28e-04	-1.35e-06
295	372	-0.02	-1.16e-03	-0.30	-8.93e-06	-2.35e-04	-1.54e-06
295	373	2.32e-03	5.25e-03	-0.30	-4.29e-06	-2.28e-04	-4.37e-06
296	49	-0.05	-4.05e-04	-0.61	-3.75e-04	-4.68e-04	1.90e-05
296	73	-0.02	-2.24e-03	-1.70	-1.02e-03	-1.39e-03	5.39e-05
296	152	-0.04	-3.44e-03	-0.36	-1.87e-04	-2.81e-04	1.32e-05
296	231	-0.03	1.13e-04	-0.27	-6.15e-05	-2.05e-04	7.64e-06
296	243	-0.02	-1.25e-03	-1.07	-5.39e-04	-8.90e-04	3.35e-05
296	272	0.01	-1.94e-03	-0.36	-1.73e-04	-2.85e-04	1.36e-05
296	316	-0.02	1.48e-03	-0.28	-6.59e-05	-2.13e-04	7.45e-06
296	319	-0.01	4.54e-04	-0.88	-4.24e-04	-7.27e-04	2.68e-05
296	321	0.02	1.66e-03	-0.28	-6.41e-05	-2.27e-04	9.11e-06
296	324	-2.02e-03	8.81e-04	-0.30	-8.15e-05	-2.37e-04	8.87e-06
296	335	-0.03	3.81e-03	-0.31	-9.03e-05	-2.39e-04	6.39e-06
296	341	4.62e-03	0.01	-0.31	-1.14e-04	-2.18e-04	1.46e-06
296	345	4.75e-03	0.01	-0.31	-1.15e-04	-2.18e-04	1.46e-06
296	372	-0.02	-5.80e-04	-0.30	-8.25e-05	-2.42e-04	9.69e-06
296	373	2.76e-03	5.86e-03	-0.30	-7.82e-05	-2.30e-04	6.86e-06

296	386	1.91e-03	-3.91e-03	-0.31	-8.67e-05	-2.39e-04	1.20e-05
297	50	-0.04	-2.69e-04	-0.25	-1.57e-04	7.33e-04	-4.10e-05
297	73	0.03	-9.61e-03	-0.92	-4.21e-04	2.66e-03	-1.13e-04
297	231	-0.03	-1.41e-06	-0.19	6.31e-05	5.68e-04	-7.32e-06
297	243	0.02	-6.77e-03	-0.63	-1.59e-04	1.82e-03	-5.76e-05
297	319	0.02	-4.16e-03	-0.53	-1.05e-04	1.52e-03	-4.40e-05
297	321	0.02	6.99e-04	-0.20	5.87e-05	5.78e-04	-6.17e-06
297	324	4.68e-03	-3.90e-04	-0.22	5.68e-05	6.18e-04	-8.31e-06
297	325	0.03	2.32e-03	-0.22	4.56e-05	6.20e-04	-4.86e-06
297	342	0.01	-8.94e-03	-0.22	8.73e-05	5.98e-04	-2.28e-05
297	356	-4.85e-03	-9.42e-03	-0.22	7.05e-05	6.08e-04	-1.92e-05
297	357	0.02	8.66e-04	-0.22	5.46e-05	6.18e-04	-6.65e-06
297	382	8.69e-03	-4.83e-03	-0.22	6.31e-05	6.12e-04	-1.40e-05
297	388	-1.28e-04	-4.88e-03	-0.22	6.36e-05	6.13e-04	-1.37e-05
298	50	-0.04	-3.01e-04	-0.28	-2.14e-04	8.27e-04	-2.47e-05
298	73	0.03	-7.27e-03	-1.00	-5.49e-04	2.92e-03	-8.68e-05
298	231	-0.03	4.98e-06	-0.19	1.72e-05	5.57e-04	4.31e-06
298	243	0.02	-5.11e-03	-0.66	-2.36e-04	1.93e-03	-4.28e-05
298	319	0.02	-2.85e-03	-0.55	-1.76e-04	1.60e-03	-2.99e-05
298	321	0.02	7.56e-04	-0.20	1.11e-05	5.66e-04	5.94e-06
298	324	4.73e-03	-1.21e-04	-0.21	6.42e-06	6.08e-04	3.30e-06
298	325	0.03	2.49e-03	-0.21	-2.38e-06	6.06e-04	7.39e-06
298	342	0.01	-8.63e-03	-0.22	3.37e-05	6.01e-04	-1.08e-05
298	356	-4.26e-03	-9.05e-03	-0.21	1.56e-05	6.06e-04	-8.13e-06
298	357	0.02	1.09e-03	-0.21	4.86e-06	6.07e-04	5.30e-06
298	362	0.02	-1.42e-03	-0.21	7.50e-06	6.06e-04	1.55e-06
298	388	1.88e-04	-4.56e-03	-0.21	1.10e-05	6.07e-04	-2.37e-06
299	50	-0.04	-5.08e-04	-0.31	-1.88e-04	9.24e-04	-3.52e-05
299	73	0.04	-5.21e-03	-1.09	-5.69e-04	3.19e-03	-9.65e-05
299	74	0.03	-5.28e-03	-1.01	-5.62e-04	2.96e-03	-9.49e-05
299	231	-0.03	-6.22e-05	-0.18	8.81e-06	5.54e-04	-2.33e-06
299	243	0.03	-3.60e-03	-0.70	-2.68e-04	2.06e-03	-4.66e-05
299	319	0.02	-1.66e-03	-0.58	-2.03e-04	1.70e-03	-3.43e-05
299	321	0.02	7.82e-04	-0.20	1.38e-06	5.62e-04	0.0
299	324	4.73e-03	1.21e-04	-0.21	-6.42e-06	6.08e-04	-3.30e-06
299	334	0.03	-2.49e-03	-0.21	2.21e-06	6.06e-04	-7.40e-06
299	345	0.01	8.64e-03	-0.22	-3.31e-05	6.01e-04	1.08e-05
299	351	-4.26e-03	9.05e-03	-0.21	-1.56e-05	6.06e-04	8.13e-06
299	366	0.02	-1.09e-03	-0.21	-4.86e-06	6.07e-04	-5.30e-06
299	369	0.02	1.42e-03	-0.21	-7.50e-06	6.06e-04	-1.55e-06
299	383	1.88e-04	4.56e-03	-0.21	-1.10e-05	6.07e-04	2.37e-06
300	50	-0.04	-7.26e-04	-0.34	-2.24e-04	1.02e-03	-1.57e-05
300	73	0.04	-2.83e-03	-1.19	-6.52e-04	3.47e-03	-6.61e-05
300	76	0.03	-3.33e-03	-0.82	-3.99e-04	2.39e-03	-4.29e-05
300	231	-0.03	-1.77e-04	-0.19	-3.79e-05	5.60e-04	1.06e-05
300	243	0.03	-1.88e-03	-0.75	-3.28e-04	2.20e-03	-2.96e-05
300	244	0.02	-2.10e-03	-0.62	-2.60e-04	1.80e-03	-2.11e-05
300	316	-0.02	9.76e-04	-0.19	-4.26e-05	5.73e-04	1.13e-05
300	319	0.02	-3.05e-04	-0.62	-2.60e-04	1.80e-03	-1.88e-05
300	324	4.68e-03	3.90e-04	-0.22	-5.68e-05	6.18e-04	8.31e-06
300	334	0.03	-2.33e-03	-0.22	-4.61e-05	6.20e-04	4.88e-06
300	345	0.01	8.95e-03	-0.22	-8.57e-05	5.98e-04	2.28e-05
300	351	-4.85e-03	9.42e-03	-0.22	-7.05e-05	6.08e-04	1.92e-05
300	366	0.02	-8.66e-04	-0.22	-5.46e-05	6.18e-04	6.65e-06
300	383	-1.28e-04	4.88e-03	-0.22	-6.36e-05	6.13e-04	1.37e-05
300	385	8.69e-03	4.83e-03	-0.22	-6.31e-05	6.12e-04	1.40e-05
301	97	3.39e-03	-1.99e-03	-1.58	-9.36e-04	-8.93e-04	3.13e-05
301	106	0.05	-5.40e-04	-0.49	-3.21e-04	-4.00e-04	1.67e-05
301	152	-0.02	-3.52e-03	-0.36	-1.87e-04	-2.83e-04	1.34e-05
301	255	4.01e-03	-1.07e-03	-0.99	-4.78e-04	-5.20e-04	1.68e-05
301	259	0.03	2.94e-04	-0.26	-5.96e-05	-2.22e-04	1.01e-05
301	282	-0.02	-1.95e-03	-0.28	-8.67e-05	-2.21e-04	1.11e-05
301	322	4.49e-03	6.39e-04	-0.82	-3.78e-04	-4.50e-04	1.43e-05
301	323	0.03	1.66e-03	-0.28	-6.44e-05	-2.27e-04	9.25e-06
301	324	-2.01e-03	8.81e-04	-0.30	-8.15e-05	-2.37e-04	8.87e-06
301	334	0.02	-5.96e-03	-0.36	-1.28e-04	-2.88e-04	1.90e-05
301	336	-0.03	-6.87e-03	-0.26	-9.83e-05	-2.00e-04	1.51e-05
301	341	7.37e-03	0.03	-0.30	1.96e-05	-2.25e-04	-1.78e-05
301	366	9.60e-03	-1.10e-03	-0.33	-9.11e-05	-2.60e-04	1.10e-05
301	368	-0.01	-1.56e-03	-0.28	-7.59e-05	-2.15e-04	8.99e-06
301	373	1.95e-03	8.36e-03	-0.31	-7.70e-05	-2.41e-04	5.49e-06
302	97	3.57e-03	-6.54e-03	-1.45	-6.56e-04	-8.30e-04	0.0
302	98	4.32e-03	-6.67e-03	-1.34	-6.47e-04	-7.43e-04	0.0
302	106	0.05	-8.69e-04	-0.44	-2.64e-04	-3.63e-04	6.29e-06
302	255	3.97e-03	-4.19e-03	-0.93	-2.75e-04	-4.98e-04	-5.79e-06
302	259	0.03	1.02e-04	-0.26	8.28e-06	-2.16e-04	-1.26e-06
302	322	4.42e-03	-1.87e-03	-0.77	-2.07e-04	-4.33e-04	-5.48e-06

302	323	0.03	1.35e-03	-0.27	5.30e-06	-2.21e-04	-2.08e-06
302	324	-1.98e-03	2.83e-04	-0.30	-7.70e-06	-2.31e-04	-2.35e-06
302	334	0.02	-6.72e-03	-0.35	-4.19e-05	-2.77e-04	7.41e-06
302	336	-0.03	-7.37e-03	-0.25	-3.57e-05	-1.91e-04	5.17e-06
302	341	5.67e-03	0.02	-0.31	9.51e-05	-2.34e-04	-3.08e-05
302	366	9.67e-03	-1.77e-03	-0.32	-1.12e-05	-2.53e-04	0.0
302	368	-0.01	-2.10e-03	-0.27	-8.12e-06	-2.09e-04	-1.78e-06
302	373	1.64e-03	7.74e-03	-0.31	-1.50e-06	-2.37e-04	-5.96e-06
303	97	4.05e-03	-0.01	-1.33	-8.25e-04	-7.64e-04	3.55e-05
303	106	0.05	-1.08e-03	-0.39	-3.03e-04	-3.19e-04	1.90e-05
303	255	4.03e-03	-6.78e-03	-0.87	-3.76e-04	-4.80e-04	1.53e-05
303	259	0.03	-9.89e-05	-0.26	1.79e-05	-2.15e-04	3.38e-06
303	322	4.44e-03	-3.98e-03	-0.73	-2.79e-04	-4.19e-04	1.15e-05
303	323	0.03	1.04e-03	-0.27	1.67e-05	-2.21e-04	2.58e-06
303	324	-1.98e-03	-2.83e-04	-0.30	7.70e-06	-2.31e-04	2.35e-06
303	325	0.02	6.70e-03	-0.35	4.13e-05	-2.78e-04	-7.62e-06
303	327	-0.03	7.36e-03	-0.25	3.51e-05	-1.93e-04	-5.39e-06
303	346	5.59e-03	-0.02	-0.30	-9.31e-05	-2.29e-04	3.16e-05
303	357	9.67e-03	1.77e-03	-0.32	1.12e-05	-2.53e-04	0.0
303	359	-0.01	2.10e-03	-0.27	8.12e-06	-2.09e-04	1.78e-06
303	378	1.64e-03	-7.74e-03	-0.31	1.50e-06	-2.37e-04	5.96e-06
304	97	4.51e-03	-0.01	-1.22	-4.88e-04	-7.11e-04	-1.01e-05
304	106	0.05	-1.40e-03	-0.35	-2.14e-04	-2.83e-04	1.32e-06
304	255	4.14e-03	-9.54e-03	-0.83	-1.55e-04	-4.69e-04	-1.23e-05
304	259	0.03	-3.68e-04	-0.27	8.56e-05	-2.20e-04	-7.90e-06
304	322	4.47e-03	-6.22e-03	-0.70	-9.43e-05	-4.13e-04	-1.19e-05
304	323	0.03	6.65e-04	-0.28	8.61e-05	-2.26e-04	-8.66e-06
304	324	-2.01e-03	-8.81e-04	-0.30	8.15e-05	-2.37e-04	-8.87e-06
304	325	0.02	5.94e-03	-0.36	1.27e-04	-2.90e-04	-1.92e-05
304	327	-0.03	6.85e-03	-0.26	9.78e-05	-2.02e-04	-1.53e-05
304	346	7.26e-03	-0.03	-0.29	-1.77e-05	-2.19e-04	1.84e-05
304	357	9.60e-03	1.10e-03	-0.33	9.11e-05	-2.60e-04	-1.10e-05
304	359	-0.01	1.56e-03	-0.28	7.59e-05	-2.15e-04	-8.99e-06
304	378	1.95e-03	-8.36e-03	-0.31	7.70e-05	-2.41e-04	-5.49e-06
305	89	0.05	-2.00e-03	-1.17	-6.79e-04	3.19e-03	-5.74e-05
305	100	0.03	-3.36e-03	-0.70	-3.36e-04	2.11e-03	-3.58e-05
305	105	0.05	-9.32e-04	-0.43	-2.67e-04	1.23e-03	-1.18e-05
305	251	0.03	-1.28e-03	-0.73	-3.48e-04	1.99e-03	-2.32e-05
305	256	0.03	-2.12e-03	-0.53	-2.14e-04	1.59e-03	-1.59e-05
305	270	0.04	-1.10e-03	-0.32	-2.06e-04	9.18e-04	-9.63e-06
305	310	4.80e-03	-9.80e-04	-0.22	-5.73e-05	6.20e-04	6.42e-06
305	311	0.03	5.67e-04	-0.25	-1.10e-04	7.13e-04	2.97e-06
305	321	0.03	1.92e-04	-0.61	-2.76e-04	1.65e-03	-1.39e-05
305	324	4.68e-03	3.90e-04	-0.22	-5.68e-05	6.18e-04	8.31e-06
305	334	0.03	-6.34e-03	-0.26	-9.27e-05	7.36e-04	-7.54e-06
305	341	9.02e-03	0.02	-0.21	2.70e-05	6.01e-04	5.63e-05
305	366	0.02	-1.31e-03	-0.24	-6.46e-05	6.73e-04	4.62e-06
305	373	7.94e-03	6.69e-03	-0.22	-4.92e-05	6.28e-04	1.82e-05
306	89	0.04	-5.10e-03	-1.07	-5.05e-04	2.93e-03	-9.72e-05
306	90	0.04	-5.17e-03	-0.99	-4.98e-04	2.70e-03	-9.57e-05
306	105	0.05	-8.66e-04	-0.40	-2.02e-04	1.13e-03	-3.60e-05
306	251	0.03	-3.53e-03	-0.69	-2.21e-04	1.87e-03	-4.72e-05
306	270	0.04	-1.05e-03	-0.29	-1.55e-04	8.38e-04	-2.83e-05
306	311	0.03	5.24e-04	-0.24	-6.20e-05	6.78e-04	-1.12e-05
306	321	0.03	-1.58e-03	-0.57	-1.68e-04	1.56e-03	-3.47e-05
306	324	4.73e-03	1.21e-04	-0.21	-6.42e-06	6.08e-04	-3.30e-06
306	334	0.03	-6.63e-03	-0.25	-3.32e-05	7.13e-04	-1.68e-05
306	341	0.01	0.02	-0.22	7.59e-05	6.25e-04	4.35e-05
306	366	0.02	-1.61e-03	-0.23	-9.40e-06	6.61e-04	-5.89e-06
306	370	0.02	-8.11e-04	-0.23	-9.00e-06	6.61e-04	-4.80e-06
306	373	8.56e-03	6.37e-03	-0.22	0.0	6.22e-04	6.27e-06
307	89	0.04	-7.47e-03	-0.98	-6.06e-04	2.68e-03	-7.25e-05
307	105	0.05	-7.56e-04	-0.36	-2.14e-04	1.04e-03	-2.25e-05
307	251	0.03	-5.26e-03	-0.65	-2.79e-04	1.76e-03	-3.23e-05
307	289	0.04	-3.99e-04	-0.27	-1.59e-04	7.66e-04	-1.65e-05
307	311	0.03	5.08e-04	-0.23	-5.96e-05	6.51e-04	-3.32e-06
307	321	0.02	-2.96e-03	-0.54	-2.07e-04	1.47e-03	-2.19e-05
307	324	4.73e-03	-1.21e-04	-0.21	6.42e-06	6.08e-04	3.30e-06
307	325	0.03	6.56e-03	-0.25	3.22e-05	7.18e-04	1.65e-05
307	346	0.01	-0.02	-0.21	-7.26e-05	6.11e-04	-4.25e-05
307	357	0.02	1.61e-03	-0.23	9.40e-06	6.61e-04	5.89e-06
307	361	0.02	8.10e-04	-0.23	9.00e-06	6.61e-04	4.80e-06
307	378	8.56e-03	-6.37e-03	-0.22	0.0	6.22e-04	-6.27e-06
308	89	0.04	-0.01	-0.90	-3.88e-04	2.45e-03	-1.10e-04
308	105	0.05	-7.66e-04	-0.33	-1.28e-04	9.49e-04	-4.49e-05
308	251	0.03	-7.29e-03	-0.61	-1.35e-04	1.66e-03	-5.55e-05
308	289	0.04	-3.94e-04	-0.25	-9.21e-05	7.03e-04	-3.39e-05

308	321	0.02	-4.56e-03	-0.52	-8.66e-05	1.40e-03	-4.22e-05
308	323	0.03	7.28e-04	-0.20	5.79e-05	5.73e-04	-6.24e-06
308	324	4.68e-03	-3.90e-04	-0.22	5.68e-05	6.18e-04	-8.31e-06
308	325	0.03	6.19e-03	-0.26	9.10e-05	7.41e-04	6.99e-06
308	346	8.75e-03	-0.02	-0.21	-2.15e-05	5.86e-04	-5.45e-05
308	357	0.02	1.31e-03	-0.24	6.46e-05	6.73e-04	-4.62e-06
308	378	7.94e-03	-6.69e-03	-0.22	4.92e-05	6.28e-04	-1.82e-05
309	149	-0.02	1.90e-03	-1.76	-1.27e-03	1.56e-03	0.0
309	187	-0.02	2.57e-03	-1.76	-1.25e-03	1.55e-03	0.0
309	188	-0.02	2.08e-03	-1.63	-1.17e-03	1.45e-03	0.0
309	281	-0.01	2.01e-03	-1.11	-7.00e-04	9.97e-04	0.0
309	300	-0.01	2.46e-03	-1.10	-6.89e-04	9.94e-04	0.0
309	313	-0.01	2.65e-03	-0.90	-5.53e-04	8.07e-04	0.0
309	324	1.76e-03	1.13e-03	-0.31	-1.48e-04	2.57e-04	0.0
309	335	-6.44e-03	3.03e-03	-0.42	-2.01e-04	3.45e-04	0.0
309	338	0.01	-1.69e-03	-0.21	-9.84e-05	1.71e-04	0.0
309	351	-2.50e-03	7.77e-03	-0.34	-1.56e-04	2.72e-04	0.0
309	370	6.00e-03	-2.86e-04	-0.26	-1.22e-04	2.13e-04	0.0
309	372	-1.91e-03	6.70e-04	-0.36	-1.75e-04	3.05e-04	0.0
309	383	-3.74e-04	4.42e-03	-0.33	-1.52e-04	2.65e-04	0.0
310	49	0.01	-4.71e-04	-0.56	-4.28e-04	9.83e-04	0.0
310	128	9.41e-03	-1.91e-03	-0.48	-3.84e-04	8.35e-04	0.0
310	149	-4.63e-03	8.81e-04	-1.53	-1.02e-03	2.82e-03	0.0
310	270	7.89e-03	-9.78e-04	-0.43	-3.34e-04	7.52e-04	0.0
310	281	-5.37e-03	1.28e-03	-0.96	-5.44e-04	1.79e-03	0.0
310	300	-5.51e-03	1.66e-03	-0.96	-5.35e-04	1.79e-03	0.0
310	313	-2.98e-03	1.92e-03	-0.78	-4.33e-04	1.45e-03	0.0
310	316	6.82e-03	1.01e-03	-0.24	-1.10e-04	4.33e-04	0.0
310	324	3.12e-03	9.47e-04	-0.27	-1.26e-04	4.75e-04	0.0
310	335	-3.52e-03	2.65e-03	-0.37	-1.70e-04	6.35e-04	0.0
310	338	0.01	-1.49e-03	-0.18	-8.45e-05	3.15e-04	0.0
310	351	-8.94e-04	6.40e-03	-0.30	-1.33e-04	5.10e-04	0.0
310	370	6.60e-03	-2.76e-04	-0.22	-1.04e-04	3.93e-04	0.0
310	372	2.87e-04	6.45e-04	-0.32	-1.48e-04	5.61e-04	0.0
310	383	1.12e-03	3.66e-03	-0.29	-1.29e-04	4.93e-04	0.0
311	149	-0.01	-0.01	-1.11	-3.11e-04	2.06e-03	0.0
311	150	-0.01	-0.01	-1.01	-3.84e-04	1.87e-03	0.0
311	187	-0.01	-0.01	-1.12	-2.98e-04	2.06e-03	0.0
311	281	-9.20e-03	-7.83e-03	-0.77	-5.50e-05	1.42e-03	0.0
311	300	-9.06e-03	-7.46e-03	-0.77	-4.62e-05	1.43e-03	0.0
311	313	-5.32e-03	-5.25e-03	-0.64	-9.11e-06	1.18e-03	0.0
311	316	7.01e-03	1.59e-04	-0.25	1.24e-04	4.44e-04	0.0
311	324	3.12e-03	-9.47e-04	-0.27	1.26e-04	4.75e-04	0.0
311	328	-3.58e-03	-2.66e-03	-0.37	1.73e-04	6.34e-04	0.0
311	329	0.01	1.49e-03	-0.18	8.45e-05	3.15e-04	0.0
311	356	-8.94e-04	-6.40e-03	-0.30	1.33e-04	5.10e-04	0.0
311	361	6.60e-03	2.76e-04	-0.22	1.04e-04	3.93e-04	0.0
311	363	2.87e-04	-6.45e-04	-0.32	1.48e-04	5.61e-04	0.0
311	388	1.12e-03	-3.66e-03	-0.29	1.29e-04	4.93e-04	0.0
312	149	-0.02	-0.01	-1.28	-2.60e-04	1.14e-03	0.0
312	150	-0.02	-0.01	-1.16	-3.43e-04	1.04e-03	0.0
312	187	-0.02	-0.01	-1.29	-2.43e-04	1.15e-03	0.0
312	281	-0.02	-9.70e-03	-0.89	0.0	7.89e-04	0.0
312	300	-0.02	-9.25e-03	-0.89	1.16e-05	7.92e-04	0.0
312	313	-0.01	-6.56e-03	-0.74	3.86e-05	6.55e-04	0.0
312	324	1.76e-03	-1.13e-03	-0.31	1.48e-04	2.57e-04	0.0
312	328	-6.53e-03	-3.04e-03	-0.42	2.03e-04	3.44e-04	0.0
312	329	0.01	1.69e-03	-0.21	9.84e-05	1.71e-04	0.0
312	356	-2.50e-03	-7.77e-03	-0.34	1.56e-04	2.72e-04	0.0
312	361	6.00e-03	2.86e-04	-0.26	1.22e-04	2.13e-04	0.0
312	363	-1.91e-03	-6.70e-04	-0.36	1.75e-04	3.05e-04	0.0
312	388	-3.74e-04	-4.42e-03	-0.33	1.52e-04	2.65e-04	0.0
313	149	-0.04	2.22e-03	-1.84	-1.36e-03	2.17e-05	0.0
313	187	-0.04	2.96e-03	-1.84	-1.34e-03	2.16e-05	0.0
313	281	-0.03	2.20e-03	-1.16	-7.58e-04	1.46e-05	0.0
313	300	-0.03	2.69e-03	-1.16	-7.46e-04	1.45e-05	0.0
313	313	-0.02	2.89e-03	-0.94	-5.99e-04	1.13e-05	0.0
313	324	-3.50e-05	1.16e-03	-0.32	-1.60e-04	2.89e-06	0.0
313	336	-9.14e-03	9.86e-04	-0.43	-2.20e-04	-4.40e-06	0.0
313	339	-9.93e-03	4.23e-03	-0.43	-2.13e-04	-7.32e-06	0.0
313	351	-4.46e-03	8.62e-03	-0.35	-1.64e-04	-4.76e-06	0.0
313	371	-5.03e-03	2.70e-03	-0.38	-1.87e-04	-2.18e-06	0.0
313	372	-4.55e-03	5.80e-04	-0.38	-1.91e-04	0.0	0.0
313	383	-2.26e-03	4.86e-03	-0.34	-1.62e-04	0.0	0.0
314	149	-0.04	-0.02	-1.34	-2.30e-04	8.22e-06	0.0
314	187	-0.04	-0.02	-1.35	-2.13e-04	8.36e-06	0.0
314	281	-0.03	-0.01	-0.93	2.66e-05	5.51e-06	0.0

314	300	-0.03	-1.00e-02	-0.93	3.85e-05	5.61e-06	0.0
314	313	-0.02	-7.07e-03	-0.78	6.11e-05	4.87e-06	0.0
314	324	-3.50e-05	-1.16e-03	-0.32	1.60e-04	2.89e-06	0.0
314	327	-9.03e-03	-9.81e-04	-0.43	2.21e-04	-3.53e-06	0.0
314	332	-9.93e-03	-4.23e-03	-0.43	2.13e-04	-7.32e-06	0.0
314	356	-4.46e-03	-8.62e-03	-0.35	1.64e-04	-4.76e-06	0.0
314	363	-4.55e-03	-5.80e-04	-0.38	1.91e-04	0.0	0.0
314	364	-5.03e-03	-2.70e-03	-0.38	1.87e-04	-2.18e-06	0.0
314	388	-2.26e-03	-4.86e-03	-0.34	1.62e-04	0.0	0.0
315	149	-0.05	1.60e-03	-1.76	-1.27e-03	-1.51e-03	0.0
315	187	-0.05	2.36e-03	-1.76	-1.25e-03	-1.51e-03	0.0
315	281	-0.04	1.70e-03	-1.11	-7.03e-04	-9.69e-04	0.0
315	300	-0.04	2.21e-03	-1.11	-6.92e-04	-9.66e-04	0.0
315	313	-0.03	2.55e-03	-0.90	-5.56e-04	-7.85e-04	0.0
315	324	-1.83e-03	1.13e-03	-0.31	-1.48e-04	-2.51e-04	0.0
315	336	-0.01	8.33e-04	-0.42	-2.03e-04	-3.39e-04	0.0
315	339	-0.01	4.29e-03	-0.42	-1.96e-04	-3.36e-04	0.0
315	351	-6.56e-03	8.99e-03	-0.34	-1.51e-04	-2.73e-04	0.0
315	371	-7.60e-03	2.71e-03	-0.36	-1.73e-04	-2.95e-04	0.0
315	372	-7.16e-03	4.73e-04	-0.37	-1.76e-04	-2.96e-04	0.0
315	383	-4.21e-03	5.03e-03	-0.33	-1.49e-04	-2.63e-04	0.0
316	149	-0.05	-0.02	-1.28	-2.64e-04	-1.12e-03	0.0
316	187	-0.05	-0.01	-1.29	-2.48e-04	-1.13e-03	0.0
316	281	-0.04	-0.01	-0.89	-2.08e-06	-7.77e-04	0.0
316	300	-0.04	-9.51e-03	-0.89	8.74e-06	-7.80e-04	0.0
316	313	-0.03	-6.66e-03	-0.74	3.66e-05	-6.44e-04	0.0
316	324	-1.83e-03	-1.13e-03	-0.31	1.48e-04	-2.51e-04	0.0
316	327	-0.01	-8.29e-04	-0.42	2.04e-04	-3.39e-04	0.0
316	332	-0.01	-4.29e-03	-0.42	1.96e-04	-3.36e-04	0.0
316	356	-6.56e-03	-8.99e-03	-0.34	1.51e-04	-2.73e-04	0.0
316	363	-7.16e-03	-4.73e-04	-0.37	1.76e-04	-2.96e-04	0.0
316	364	-7.60e-03	-2.71e-03	-0.36	1.73e-04	-2.95e-04	0.0
316	388	-4.21e-03	-5.03e-03	-0.33	1.49e-04	-2.63e-04	0.0
317	132	-1.24e-04	-2.28e-03	-0.34	-2.20e-04	-5.99e-04	0.0
317	149	-0.07	3.29e-04	-1.54	-1.03e-03	-2.78e-03	0.0
317	281	-0.05	7.08e-04	-0.96	-5.50e-04	-1.76e-03	0.0
317	300	-0.05	1.19e-03	-0.96	-5.41e-04	-1.76e-03	0.0
317	313	-0.04	1.74e-03	-0.79	-4.37e-04	-1.43e-03	0.0
317	324	-3.20e-03	9.52e-04	-0.27	-1.26e-04	-4.69e-04	0.0
317	335	-0.02	3.01e-03	-0.37	-1.72e-04	-6.26e-04	0.0
317	339	-0.02	4.03e-03	-0.37	-1.67e-04	-6.25e-04	0.0
317	351	-8.55e-03	8.77e-03	-0.30	-1.31e-04	-5.06e-04	0.0
317	367	-9.63e-03	2.32e-03	-0.32	-1.49e-04	-5.50e-04	0.0
317	371	-9.79e-03	2.49e-03	-0.32	-1.47e-04	-5.50e-04	0.0
317	383	-5.89e-03	4.83e-03	-0.29	-1.28e-04	-4.88e-04	0.0
318	149	-0.06	-0.01	-1.12	-3.19e-04	-2.04e-03	0.0
318	187	-0.06	-0.01	-1.12	-3.05e-04	-2.04e-03	0.0
318	281	-0.04	-8.42e-03	-0.77	-6.00e-05	-1.41e-03	0.0
318	300	-0.04	-7.93e-03	-0.78	-5.10e-05	-1.41e-03	0.0
318	313	-0.03	-5.44e-03	-0.65	-1.26e-05	-1.17e-03	0.0
318	324	-3.20e-03	-9.52e-04	-0.27	1.26e-04	-4.69e-04	0.0
318	328	-0.02	-3.02e-03	-0.37	1.73e-04	-6.26e-04	0.0
318	332	-0.02	-4.03e-03	-0.37	1.67e-04	-6.25e-04	0.0
318	356	-8.55e-03	-8.77e-03	-0.30	1.31e-04	-5.06e-04	0.0
318	360	-9.63e-03	-2.32e-03	-0.32	1.49e-04	-5.50e-04	0.0
318	364	-9.79e-03	-2.49e-03	-0.32	1.47e-04	-5.50e-04	0.0
318	388	-5.89e-03	-4.83e-03	-0.29	1.28e-04	-4.88e-04	0.0
319	49	0.01	-1.37e-03	-0.30	-2.11e-04	1.49e-03	-2.91e-05
319	128	0.01	-1.85e-03	-0.25	-1.94e-04	1.26e-03	-3.40e-05
319	149	0.01	-1.26e-03	-0.82	-4.69e-04	4.07e-03	-8.23e-05
319	270	9.26e-03	-1.31e-03	-0.23	-1.67e-04	1.14e-03	-2.55e-05
319	281	6.16e-03	-4.63e-04	-0.51	-2.38e-04	2.57e-03	-3.83e-05
319	310	4.97e-03	-5.37e-04	-0.15	-5.62e-05	7.40e-04	-2.42e-06
319	311	7.25e-03	-4.43e-04	-0.18	-9.68e-05	8.74e-04	-8.74e-06
319	313	5.94e-03	4.76e-05	-0.42	-1.87e-04	2.10e-03	-2.61e-05
319	324	4.79e-03	-4.92e-05	-0.15	-5.63e-05	7.39e-04	0.0
319	338	8.63e-03	-1.51e-03	-0.10	-3.88e-05	4.89e-04	-2.34e-06
319	339	9.59e-04	1.41e-03	-0.20	-7.37e-05	9.90e-04	2.34e-06
319	350	6.97e-03	-2.80e-03	-0.13	-4.49e-05	6.68e-04	-1.44e-05
319	367	2.90e-03	5.96e-04	-0.18	-6.52e-05	8.68e-04	0.0
319	370	6.71e-03	-7.78e-04	-0.12	-4.73e-05	6.10e-04	-1.15e-06
319	382	5.88e-03	-1.41e-03	-0.14	-5.05e-05	7.02e-04	-7.12e-06
320	49	0.01	-7.72e-04	-0.27	-1.21e-04	1.37e-03	-3.81e-05
320	149	9.94e-03	-2.03e-03	-0.75	-3.52e-04	3.74e-03	-1.01e-04
320	150	8.09e-03	-2.05e-03	-0.70	-3.50e-04	3.47e-03	-9.96e-05
320	270	8.50e-03	-9.69e-04	-0.21	-9.55e-05	1.04e-03	-3.21e-05
320	281	5.08e-03	-1.10e-03	-0.48	-1.62e-04	2.41e-03	-4.81e-05

320	282	4.94e-03	-1.12e-03	-0.40	-1.21e-04	1.99e-03	-3.83e-05
320	310	4.85e-03	-4.55e-04	-0.15	2.91e-06	7.25e-04	-4.56e-06
320	311	7.02e-03	-1.89e-04	-0.17	-3.55e-05	8.28e-04	-1.27e-05
320	313	5.27e-03	-4.07e-04	-0.40	-1.20e-04	1.98e-03	-3.39e-05
320	324	4.81e-03	1.52e-05	-0.15	2.62e-06	7.25e-04	-1.97e-06
320	338	8.29e-03	-8.58e-04	-0.10	8.39e-06	4.79e-04	-8.26e-06
320	339	1.33e-03	8.88e-04	-0.20	-3.15e-06	9.71e-04	4.32e-06
320	351	3.54e-03	2.49e-03	-0.16	-4.98e-06	7.98e-04	1.49e-05
320	367	3.07e-03	3.69e-04	-0.17	0.0	8.52e-04	0.0
320	370	6.55e-03	-4.19e-04	-0.12	5.51e-06	5.99e-04	-5.09e-06
320	383	4.17e-03	1.24e-03	-0.15	-1.17e-06	7.63e-04	6.38e-06
321	49	0.01	-4.60e-04	-0.25	-1.62e-04	1.25e-03	-3.25e-05
321	149	7.78e-03	-3.15e-03	-0.69	-3.72e-04	3.44e-03	-9.84e-05
321	187	7.82e-03	-2.85e-03	-0.69	-3.68e-04	3.44e-03	-9.56e-05
321	281	4.03e-03	-1.94e-03	-0.46	-1.56e-04	2.27e-03	-4.56e-05
321	289	7.88e-03	-6.35e-04	-0.19	-1.22e-04	9.52e-04	2.63e-05
321	300	4.05e-03	-1.74e-03	-0.46	-1.53e-04	2.27e-03	-4.38e-05
321	313	4.56e-03	-1.02e-03	-0.38	-1.17e-04	1.88e-03	-3.11e-05
321	316	6.88e-03	3.94e-04	-0.13	-1.16e-06	6.61e-04	4.85e-06
321	324	4.81e-03	-1.52e-05	-0.15	-2.62e-06	7.25e-04	1.97e-06
321	328	1.34e-03	-5.89e-04	-0.20	3.05e-06	9.70e-04	-1.92e-06
321	329	8.29e-03	8.58e-04	-0.10	-8.39e-06	4.79e-04	8.26e-06
321	356	3.54e-03	-2.49e-03	-0.16	4.98e-06	7.98e-04	-1.49e-05
321	360	3.07e-03	-3.69e-04	-0.17	0.0	8.52e-04	0.0
321	361	6.55e-03	4.19e-04	-0.12	-5.51e-06	5.99e-04	5.09e-06
321	388	4.17e-03	-1.24e-03	-0.15	1.17e-06	7.63e-04	-6.38e-06
322	49	0.01	2.62e-05	-0.23	-5.77e-05	1.15e-03	-3.53e-05
322	149	5.13e-03	-4.28e-03	-0.64	-2.38e-04	3.16e-03	-1.02e-04
322	187	5.28e-03	-3.95e-03	-0.64	-2.26e-04	3.16e-03	-9.95e-05
322	281	2.65e-03	-2.80e-03	-0.44	-7.66e-05	2.16e-03	-4.90e-05
322	289	7.21e-03	-3.74e-04	-0.18	-4.03e-05	8.76e-04	-2.80e-05
322	300	2.76e-03	-2.58e-03	-0.44	-6.91e-05	2.16e-03	-4.71e-05
322	313	3.66e-03	-1.60e-03	-0.36	-4.32e-05	1.79e-03	-3.44e-05
322	316	6.96e-03	7.16e-04	-0.13	5.59e-05	6.77e-04	2.20e-06
322	324	4.79e-03	4.92e-05	-0.15	5.63e-05	7.39e-04	0.0
322	328	1.09e-03	-1.10e-03	-0.20	7.48e-05	9.89e-04	0.0
322	329	8.63e-03	1.51e-03	-0.10	3.88e-05	4.89e-04	2.34e-06
322	353	6.97e-03	2.80e-03	-0.13	4.49e-05	6.68e-04	1.44e-05
322	360	2.90e-03	-5.96e-04	-0.18	6.52e-05	8.68e-04	0.0
322	361	6.71e-03	7.78e-04	-0.12	4.73e-05	6.10e-04	1.15e-06
322	385	5.88e-03	1.41e-03	-0.14	5.05e-05	7.02e-04	7.12e-06
323	73	9.80e-03	-1.76e-03	-0.15	-1.20e-04	1.62e-03	-5.54e-05
323	149	0.01	-1.55e-03	-0.41	-2.46e-04	4.37e-03	-1.07e-04
323	270	6.94e-03	-1.26e-03	-0.12	-9.27e-05	1.22e-03	-4.20e-05
323	281	6.04e-03	-7.61e-04	-0.26	-1.27e-04	2.76e-03	-5.30e-05
323	311	5.40e-03	-7.10e-04	-0.09	-5.61e-05	2.34e-04	-2.24e-05
323	313	5.52e-03	-4.60e-04	-0.21	-1.00e-04	2.25e-03	-3.95e-05
323	324	3.75e-03	-3.86e-04	-0.08	-3.59e-05	7.96e-04	-1.16e-05
323	338	5.87e-03	-1.46e-03	-0.05	-2.67e-05	5.16e-04	-1.87e-05
323	339	1.63e-03	6.93e-04	-0.10	-4.51e-05	1.08e-03	-4.54e-06
323	350	5.03e-03	-1.85e-03	-0.07	-2.90e-05	7.05e-04	-2.50e-05
323	367	2.71e-03	1.10e-04	-0.09	-4.06e-05	9.40e-04	-8.58e-06
323	370	4.81e-03	-9.24e-04	-0.06	-3.12e-05	6.52e-04	-1.52e-05
323	382	4.39e-03	-1.11e-03	-0.07	-3.24e-05	7.49e-04	-1.82e-05
324	149	9.58e-03	-6.05e-04	-0.38	-1.55e-04	4.03e-03	-9.30e-05
324	152	6.08e-03	-6.45e-04	-0.27	-9.39e-05	2.81e-03	-5.96e-05
324	270	6.39e-03	-2.91e-04	-0.11	-3.93e-05	1.12e-03	-2.76e-05
324	281	5.26e-03	-3.53e-04	-0.25	-7.07e-05	2.59e-03	-4.37e-05
324	282	4.84e-03	-3.93e-04	-0.20	-5.19e-05	2.14e-03	-3.42e-05
324	311	5.23e-03	2.65e-05	-0.08	-1.26e-05	8.84e-04	-9.51e-06
324	313	5.03e-03	-4.29e-05	-0.20	-5.15e-05	2.13e-03	-3.02e-05
324	316	4.94e-03	1.81e-04	-0.07	6.69e-06	6.96e-04	2.59e-06
324	324	3.75e-03	6.84e-05	-0.07	4.42e-06	7.79e-04	0.0
324	338	5.60e-03	-1.58e-04	-0.05	9.50e-06	5.06e-04	-4.89e-06
324	339	1.89e-03	2.95e-04	-0.10	0.0	1.05e-03	6.00e-06
324	353	4.19e-03	1.12e-03	-0.07	0.0	7.00e-04	1.26e-05
324	367	2.82e-03	1.43e-04	-0.09	1.88e-06	9.19e-04	2.76e-06
324	370	4.68e-03	-4.31e-05	-0.06	6.95e-06	6.39e-04	-2.16e-06
324	385	3.97e-03	5.87e-04	-0.07	2.25e-06	7.38e-04	6.50e-06
325	49	8.71e-03	-3.03e-04	-0.12	-8.33e-05	1.32e-03	-3.99e-05
325	149	7.94e-03	-1.36e-03	-0.35	-1.82e-04	3.70e-03	-1.03e-04
325	187	7.96e-03	-1.22e-03	-0.35	-1.80e-04	3.70e-03	-1.00e-04
325	281	4.53e-03	-8.60e-04	-0.23	-7.62e-05	2.45e-03	-4.61e-05
325	289	5.87e-03	-3.46e-04	-0.10	-6.27e-05	1.02e-03	-3.17e-05
325	300	4.54e-03	-7.67e-04	-0.23	-7.51e-05	2.45e-03	-4.45e-05
325	311	5.04e-03	-9.76e-05	-0.08	-2.84e-05	8.43e-04	-1.23e-05
325	313	4.53e-03	-4.53e-04	-0.19	-5.82e-05	2.02e-03	-3.23e-05

330	356	1.79e-03	-4.49e-03	-0.24	6.82e-05	6.75e-04	-2.33e-05
330	360	1.97e-03	-1.18e-03	-0.25	6.74e-05	7.27e-04	-8.69e-06
330	361	7.30e-03	5.39e-04	-0.18	4.54e-05	5.13e-04	-7.38e-06
330	388	3.21e-03	-2.42e-03	-0.23	6.24e-05	6.49e-04	-1.57e-05
331	49	0.01	-1.02e-03	-0.45	-3.67e-04	1.33e-03	0.0
331	128	0.01	-1.96e-03	-0.38	-3.24e-04	1.13e-03	0.0
331	149	4.28e-03	1.85e-05	-1.22	-8.05e-04	3.68e-03	0.0
331	270	8.62e-03	-1.19e-03	-0.35	-2.86e-04	1.02e-03	0.0
331	281	6.59e-04	5.73e-04	-0.77	-4.25e-04	2.31e-03	0.0
331	311	6.66e-03	-3.82e-05	-0.26	-1.79e-04	7.68e-04	0.0
331	313	1.57e-03	1.12e-03	-0.63	-3.41e-04	1.88e-03	0.0
331	324	3.81e-03	4.76e-04	-0.22	-1.16e-04	6.38e-04	0.0
331	330	9.30e-03	-1.75e-03	-0.15	-8.00e-05	4.24e-04	0.0
331	339	-1.68e-03	2.53e-03	-0.30	-1.53e-04	8.53e-04	0.0
331	351	1.90e-04	4.66e-03	-0.24	-1.35e-04	6.93e-04	0.0
331	362	6.57e-03	-6.40e-04	-0.18	-9.75e-05	5.28e-04	0.0
331	367	1.10e-03	1.39e-03	-0.26	-1.35e-04	7.49e-04	0.0
331	383	2.00e-03	2.56e-03	-0.23	-1.26e-04	6.67e-04	0.0
332	49	0.01	-1.02e-03	-0.33	-3.52e-05	9.67e-04	0.0
332	149	-4.20e-03	-8.63e-03	-0.90	-2.50e-04	2.67e-03	0.0
332	187	-3.97e-03	-8.17e-03	-0.90	-2.38e-04	2.68e-03	0.0
332	231	7.06e-03	1.88e-05	-0.20	1.14e-04	5.85e-04	0.0
332	281	-3.83e-03	-5.60e-03	-0.62	-4.49e-05	1.85e-03	0.0
332	300	-3.67e-03	-5.30e-03	-0.62	-3.68e-05	1.85e-03	0.0
332	313	-1.20e-03	-3.62e-03	-0.52	-4.33e-06	1.54e-03	0.0
332	316	6.91e-03	4.89e-04	-0.20	1.14e-04	5.92e-04	0.0
332	324	3.81e-03	-4.76e-04	-0.22	1.16e-04	6.38e-04	0.0
332	328	-1.42e-03	-2.01e-03	-0.30	1.55e-04	8.53e-04	0.0
332	337	9.30e-03	1.75e-03	-0.15	8.00e-05	4.24e-04	0.0
332	356	1.90e-04	-4.66e-03	-0.24	1.35e-04	6.93e-04	0.0
332	360	1.10e-03	-1.39e-03	-0.26	1.35e-04	7.49e-04	0.0
332	369	6.57e-03	6.40e-04	-0.18	9.75e-05	5.28e-04	0.0
332	388	2.00e-03	-2.56e-03	-0.23	1.26e-04	6.67e-04	0.0
333	49	0.01	-1.68e-03	-0.32	-2.91e-04	1.59e-03	0.0
333	73	0.01	-2.09e-03	-0.32	-2.99e-04	1.62e-03	0.0
333	149	8.63e-03	-9.77e-04	-0.85	-5.86e-04	4.31e-03	0.0
333	270	8.11e-03	-1.48e-03	-0.24	-2.26e-04	1.22e-03	0.0
333	281	3.86e-03	-2.17e-04	-0.53	-3.12e-04	2.70e-03	0.0
333	310	4.14e-03	-5.90e-04	-0.16	-1.04e-04	7.72e-04	0.0
333	311	6.17e-03	-5.82e-04	-0.18	-1.49e-04	9.23e-04	0.0
333	313	3.86e-03	2.06e-04	-0.44	-2.55e-04	2.20e-03	0.0
333	324	3.83e-03	-9.75e-05	-0.16	-1.04e-04	7.71e-04	0.0
333	330	7.87e-03	-1.93e-03	-0.10	-7.64e-05	5.10e-04	0.0
333	339	-1.78e-04	1.61e-03	-0.21	-1.33e-04	1.03e-03	0.0
333	350	6.81e-03	-2.97e-03	-0.14	-8.61e-05	6.97e-04	0.0
333	362	5.85e-03	-1.02e-03	-0.13	-9.01e-05	6.37e-04	0.0
333	367	1.87e-03	6.70e-04	-0.18	-1.19e-04	9.05e-04	0.0
333	382	5.31e-03	-1.52e-03	-0.15	-9.52e-05	7.33e-04	0.0
334	49	9.31e-03	2.91e-04	-0.23	1.19e-05	1.16e-03	0.0
334	150	-1.01e-03	-4.75e-03	-0.57	-1.93e-04	2.86e-03	0.0
334	187	6.77e-04	-4.40e-03	-0.63	-1.22e-04	3.17e-03	0.0
334	231	6.17e-03	5.66e-04	-0.14	1.02e-04	6.99e-04	0.0
334	281	-3.91e-04	-3.14e-03	-0.43	-4.63e-06	2.18e-03	0.0
334	300	-2.36e-04	-2.92e-03	-0.44	2.34e-06	2.19e-03	0.0
334	313	1.26e-03	-1.82e-03	-0.36	2.25e-05	1.82e-03	0.0
334	316	6.12e-03	8.88e-04	-0.14	1.02e-04	7.08e-04	0.0
334	324	3.83e-03	9.75e-05	-0.16	1.04e-04	7.71e-04	0.0
334	328	7.71e-05	-1.28e-03	-0.21	1.35e-04	1.03e-03	0.0
334	337	7.87e-03	1.93e-03	-0.10	7.64e-05	5.10e-04	0.0
334	353	6.81e-03	2.97e-03	-0.14	8.61e-05	6.97e-04	0.0
334	360	1.87e-03	-6.70e-04	-0.18	1.19e-04	9.05e-04	0.0
334	369	5.85e-03	1.02e-03	-0.13	9.01e-05	6.37e-04	0.0
334	385	5.31e-03	1.52e-03	-0.15	9.52e-05	7.33e-04	0.0
335	49	8.84e-03	-2.22e-03	-0.16	-1.89e-04	1.71e-03	0.0
335	73	8.72e-03	-2.39e-03	-0.16	-1.93e-04	1.74e-03	0.0
335	149	8.30e-03	-2.09e-03	-0.44	-3.44e-04	4.62e-03	0.0
335	270	6.13e-03	-1.70e-03	-0.12	-1.46e-04	1.31e-03	0.0
335	281	4.17e-03	-1.02e-03	-0.27	-1.86e-04	2.90e-03	0.0
335	311	4.59e-03	-1.05e-03	-0.09	-1.03e-04	9.95e-04	0.0
335	313	3.80e-03	-7.16e-04	-0.22	-1.56e-04	2.37e-03	0.0
335	324	2.98e-03	-6.01e-04	-0.08	-7.87e-05	8.40e-04	0.0
335	330	5.64e-03	-2.00e-03	-0.05	-6.24e-05	5.47e-04	0.0
335	339	3.58e-04	7.28e-04	-0.11	-9.56e-05	1.13e-03	0.0
335	350	5.14e-03	-2.22e-03	-0.07	-6.69e-05	7.41e-04	0.0
335	362	4.31e-03	-1.30e-03	-0.07	-7.04e-05	6.89e-04	0.0
335	367	1.71e-03	1.79e-05	-0.09	-8.73e-05	9.91e-04	0.0
335	382	4.06e-03	-1.40e-03	-0.07	-7.28e-05	7.89e-04	0.0

336	49	6.71e-03	1.36e-03	-0.12	3.95e-05	1.25e-03	0.0
336	150	7.71e-04	-1.37e-03	-0.29	-7.93e-05	3.12e-03	0.0
336	187	2.12e-03	-9.55e-04	-0.32	-2.59e-05	3.46e-03	0.0
336	231	4.42e-03	9.99e-04	-0.07	7.62e-05	7.49e-04	0.0
336	300	1.02e-03	-7.20e-04	-0.22	2.74e-05	2.39e-03	0.0
336	313	1.84e-03	-1.83e-04	-0.19	3.66e-05	1.99e-03	0.0
336	316	4.45e-03	1.16e-03	-0.07	7.62e-05	7.60e-04	0.0
336	324	2.98e-03	6.01e-04	-0.08	7.87e-05	8.40e-04	0.0
336	328	5.61e-04	-5.75e-04	-0.11	9.67e-05	1.14e-03	0.0
336	337	5.64e-03	2.00e-03	-0.05	6.24e-05	5.47e-04	0.0
336	353	5.14e-03	2.22e-03	-0.07	6.69e-05	7.41e-04	0.0
336	360	1.71e-03	-1.79e-05	-0.09	8.73e-05	9.91e-04	0.0
336	369	4.31e-03	1.30e-03	-0.07	7.04e-05	6.89e-04	0.0
336	385	4.06e-03	1.40e-03	-0.07	7.28e-05	7.89e-04	0.0
337	17	4.23e-03	-5.96e-04	-0.02	-2.90e-04	2.17e-03	0.0
337	149	5.85e-03	-8.24e-04	-0.01	-1.79e-04	4.46e-03	0.0
337	270	3.93e-03	-5.33e-04	-5.65e-03	-8.83e-05	1.21e-03	0.0
337	276	1.92e-03	-2.99e-04	-0.01	-1.85e-04	1.12e-03	0.0
337	311	2.87e-03	-4.06e-04	-4.29e-03	-6.82e-05	9.24e-04	0.0
337	312	1.81e-03	-2.82e-04	-9.55e-03	-1.51e-04	1.02e-03	0.0
337	324	1.89e-03	-2.87e-04	-3.54e-03	-5.78e-05	7.94e-04	0.0
337	330	3.62e-03	-4.62e-04	-3.15e-03	-5.01e-05	4.94e-04	0.0
337	339	1.95e-04	-1.15e-04	-3.95e-03	-6.55e-05	1.09e-03	0.0
337	362	2.75e-03	-3.74e-04	-3.34e-03	-5.39e-05	6.39e-04	0.0
337	371	1.04e-03	-2.01e-04	-3.75e-03	-6.17e-05	9.48e-04	0.0
338	49	4.05e-03	6.66e-04	-3.56e-03	5.30e-05	1.17e-03	0.0
338	177	1.65e-03	2.80e-04	-0.01	1.88e-04	1.43e-03	0.0
338	231	2.70e-03	3.85e-04	-3.45e-03	5.54e-05	6.85e-04	0.0
338	289	2.56e-03	4.37e-04	-2.69e-03	4.04e-05	9.12e-04	0.0
338	295	1.25e-03	2.12e-04	-8.66e-03	1.37e-04	1.05e-03	0.0
338	312	1.63e-03	2.64e-04	-7.27e-03	1.15e-04	9.69e-04	0.0
338	316	2.77e-03	3.98e-04	-3.46e-03	5.55e-05	6.97e-04	0.0
338	324	1.89e-03	2.87e-04	-3.54e-03	5.78e-05	7.94e-04	0.0
338	328	3.40e-04	1.26e-04	-3.95e-03	6.55e-05	1.10e-03	0.0
338	337	3.62e-03	4.62e-04	-3.15e-03	5.01e-05	4.94e-04	0.0
338	364	1.04e-03	2.01e-04	-3.75e-03	6.17e-05	9.48e-04	0.0
338	369	2.75e-03	3.74e-04	-3.34e-03	5.39e-05	6.39e-04	0.0
339	25	1.20e-03	2.48e-04	0.14	3.50e-05	3.44e-03	0.0
339	49	3.69e-03	-8.62e-04	0.04	5.21e-05	1.16e-03	0.0
339	219	6.41e-04	1.67e-04	0.09	3.83e-05	2.36e-03	0.0
339	231	2.48e-03	-6.56e-04	0.02	5.10e-05	6.72e-04	0.0
339	313	1.18e-03	-7.86e-05	0.08	4.16e-05	1.95e-03	0.0
339	316	2.56e-03	-6.96e-04	0.02	5.11e-05	6.84e-04	0.0
339	324	1.74e-03	-4.36e-04	0.03	5.37e-05	7.82e-04	0.0
339	328	2.32e-04	2.70e-04	0.04	5.97e-05	1.08e-03	0.0
339	337	3.43e-03	-1.24e-03	0.02	4.75e-05	4.83e-04	0.0
339	360	9.50e-04	-6.07e-05	0.03	5.68e-05	9.37e-04	0.0
339	369	2.59e-03	-8.37e-04	0.02	5.05e-05	6.28e-04	0.0
340	25	5.42e-03	1.48e-03	0.17	-1.49e-04	4.40e-03	0.0
340	149	5.52e-03	1.53e-03	0.17	-1.51e-04	4.41e-03	0.0
340	219	2.81e-03	7.32e-04	0.11	-8.35e-05	2.78e-03	0.0
340	270	3.65e-03	1.04e-03	0.04	-7.83e-05	1.19e-03	0.0
340	311	2.65e-03	7.08e-04	0.03	-6.18e-05	9.08e-04	0.0
340	313	2.48e-03	6.22e-04	0.09	-7.58e-05	2.27e-03	0.0
340	324	1.74e-03	4.36e-04	0.03	-5.37e-05	7.82e-04	0.0
340	330	3.43e-03	1.24e-03	0.02	-4.75e-05	4.83e-04	0.0
340	339	9.03e-05	-3.49e-04	0.04	-6.00e-05	1.08e-03	0.0
340	362	2.59e-03	8.37e-04	0.02	-5.05e-05	6.28e-04	0.0
340	367	9.50e-04	6.07e-05	0.03	-5.68e-05	9.37e-04	0.0
341	121	-3.81e-03	-1.82e-03	0.03	8.03e-06	-1.05e-03	-1.13e-05
341	149	-0.07	-2.05e-04	0.08	-1.59e-05	-3.35e-03	7.16e-06
341	187	-0.07	1.66e-04	0.08	-1.49e-05	-3.36e-03	5.56e-06
341	267	-2.56e-03	-1.24e-03	0.02	5.61e-06	-7.71e-04	-8.77e-06
341	281	-0.05	-6.56e-04	0.06	-3.88e-06	-2.30e-03	3.57e-06
341	300	-0.05	-4.09e-04	0.06	-3.19e-06	-2.30e-03	2.50e-06
341	310	-4.03e-04	-9.04e-04	0.02	5.00e-06	-7.54e-04	-1.08e-05
341	313	-0.04	2.87e-05	0.05	-2.74e-06	-1.90e-03	-2.80e-06
341	324	-3.24e-04	-2.40e-04	0.02	4.17e-06	-7.54e-04	-1.25e-05
341	331	-0.02	1.81e-03	0.03	2.85e-06	-1.04e-03	-3.87e-06
341	332	-0.02	-1.39e-03	0.03	8.60e-06	-1.04e-03	3.20e-06
341	350	2.73e-03	-5.72e-03	0.02	1.33e-05	-6.64e-04	-4.36e-06
341	363	-9.00e-03	7.81e-04	0.02	3.53e-06	-9.01e-04	-8.14e-06
341	364	-9.68e-03	-8.12e-04	0.02	6.38e-06	-8.99e-04	-4.64e-06
341	382	1.24e-03	-2.96e-03	0.02	8.69e-06	-7.08e-04	-8.49e-06
342	122	-3.56e-03	-1.45e-03	0.02	3.43e-06	-7.44e-04	9.61e-06
342	149	-0.07	2.52e-04	0.09	-6.88e-06	-3.62e-03	3.92e-05
342	187	-0.07	6.60e-04	0.09	-7.13e-06	-3.62e-03	3.89e-05

342	267	-2.48e-03	-9.02e-04	0.02	3.16e-06	-7.54e-04	9.95e-06
342	281	-0.05	-3.93e-04	0.06	0.0	-2.41e-03	2.18e-05
342	300	-0.05	-1.20e-04	0.06	0.0	-2.41e-03	2.16e-05
342	310	-3.49e-04	-5.17e-04	0.02	2.99e-06	-7.36e-04	1.04e-05
342	313	-0.04	3.93e-04	0.05	0.0	-1.98e-03	1.91e-05
342	324	-3.21e-04	1.87e-04	0.02	2.26e-06	-7.36e-04	1.01e-05
342	331	-0.02	1.70e-03	0.03	-1.11e-06	-1.01e-03	4.19e-06
342	332	-0.02	-1.64e-03	0.03	3.65e-06	-1.01e-03	-1.61e-06
342	353	5.75e-03	5.86e-03	0.02	-5.46e-06	-6.55e-04	2.21e-05
342	363	-9.19e-03	9.37e-04	0.02	0.0	-8.79e-04	7.12e-06
342	364	-9.42e-03	-7.21e-04	0.02	2.94e-06	-8.78e-04	4.25e-06
342	385	2.74e-03	3.01e-03	0.02	-1.58e-06	-6.94e-04	1.61e-05
343	121	-3.56e-03	-1.84e-03	0.03	-1.22e-06	-1.03e-03	-1.18e-05
343	149	-0.07	-5.11e-04	0.10	-1.66e-05	-3.94e-03	-5.05e-06
343	187	-0.07	-1.03e-04	0.10	-1.68e-05	-3.94e-03	-5.37e-06
343	267	-2.39e-03	-1.25e-03	0.02	-1.02e-06	-7.55e-04	-8.86e-06
343	281	-0.05	-7.93e-04	0.07	-7.10e-06	-2.55e-03	-2.13e-06
343	300	-0.05	-5.21e-04	0.07	-7.27e-06	-2.55e-03	-2.35e-06
343	310	-2.94e-04	-8.91e-04	0.02	-1.52e-06	-7.36e-04	-9.78e-06
343	313	-0.04	-2.21e-05	0.05	-6.63e-06	-4.98e-03	-4.98e-06
343	324	-3.21e-04	-1.87e-04	0.02	-2.26e-06	-7.36e-04	-1.01e-05
343	339	-0.02	1.64e-03	0.03	-3.65e-06	-1.01e-03	1.61e-06
343	340	-0.02	-1.70e-03	0.03	1.11e-06	-1.01e-03	-4.19e-06
343	350	5.75e-03	-5.86e-03	0.02	5.46e-06	-6.55e-04	-2.21e-05
343	371	-9.42e-03	7.21e-04	0.02	-2.94e-06	-8.78e-04	-4.25e-06
343	372	-9.19e-03	-9.37e-04	0.02	0.0	-8.79e-04	-7.12e-06
343	382	2.74e-03	-3.01e-03	0.02	1.58e-06	-6.94e-04	-1.61e-05
344	122	-3.33e-03	-1.31e-03	0.02	-2.48e-06	-7.61e-04	1.49e-05
344	149	-0.07	5.01e-04	0.11	-2.96e-05	-4.28e-03	4.85e-05
344	187	-0.07	8.71e-04	0.11	-2.85e-05	-4.27e-03	4.69e-05
344	267	-2.32e-03	-7.83e-04	0.02	-4.08e-06	-7.75e-04	1.45e-05
344	281	-0.05	-3.15e-04	0.07	-1.42e-05	-2.72e-03	2.41e-05
344	300	-0.05	-6.81e-05	0.07	-1.35e-05	-2.71e-03	2.30e-05
344	311	6.57e-03	6.08e-04	0.02	-6.36e-06	-8.69e-04	2.05e-05
344	313	-0.04	4.25e-04	0.06	-1.16e-05	-2.21e-03	2.01e-05
344	324	-3.24e-04	2.40e-04	0.02	-4.17e-06	-7.54e-04	1.25e-05
344	339	-0.02	1.39e-03	0.03	-8.60e-06	-1.04e-03	-3.20e-06
344	340	-0.02	-1.81e-03	0.03	-2.85e-06	-1.04e-03	3.87e-06
344	353	2.73e-03	5.72e-03	0.02	-1.33e-05	-6.64e-04	4.36e-06
344	371	-9.68e-03	8.12e-04	0.02	-6.38e-06	-8.99e-04	4.64e-06
344	372	-9.00e-03	-7.81e-04	0.02	-3.53e-06	-9.01e-04	8.14e-06
344	385	1.24e-03	2.96e-03	0.02	-8.69e-06	-7.08e-04	8.49e-06
345	49	0.02	-4.27e-04	0.09	-1.60e-05	3.38e-03	-1.08e-05
345	121	-3.05e-03	-1.85e-03	0.03	7.77e-06	1.04e-03	1.02e-05
345	150	-0.07	-1.81e-04	0.03	-8.97e-06	8.45e-04	1.85e-05
345	231	0.01	-8.36e-04	0.06	-3.90e-06	2.31e-03	-6.86e-06
345	267	-2.00e-03	-1.25e-03	0.02	5.44e-06	7.65e-04	8.00e-06
345	281	-0.05	-7.13e-04	0.02	3.69e-06	6.57e-04	1.86e-05
345	310	2.01e-04	-9.09e-04	0.02	4.97e-06	7.57e-04	9.90e-06
345	313	-0.04	-2.49e-06	0.02	3.05e-06	6.76e-04	1.98e-05
345	316	0.01	-1.91e-04	0.05	-2.57e-06	1.92e-03	0.0
345	324	2.97e-04	-2.40e-04	0.02	4.17e-06	7.57e-04	1.25e-05
345	329	0.02	9.45e-04	0.01	0.0	6.10e-04	3.16e-05
345	331	-0.02	1.80e-03	0.03	2.24e-06	7.10e-04	7.10e-06
345	350	3.34e-03	-5.75e-03	0.02	1.40e-05	7.02e-04	-6.71e-06
345	361	9.68e-03	3.47e-04	0.02	2.07e-06	6.81e-04	2.20e-05
345	363	-8.39e-03	7.76e-04	0.02	3.22e-06	8.36e-04	9.76e-06
345	382	1.86e-03	-2.98e-03	0.02	9.07e-06	7.29e-04	2.96e-06
346	49	0.02	-2.05e-05	0.10	-6.99e-06	3.65e-03	-4.06e-05
346	122	-3.02e-03	-1.46e-03	0.02	3.51e-06	7.33e-04	-1.19e-05
346	150	-0.07	4.52e-04	0.03	-2.30e-06	9.43e-04	-1.89e-05
346	231	0.01	-6.14e-04	0.07	0.0	2.43e-03	-2.33e-05
346	267	-1.90e-03	-9.06e-04	0.02	3.21e-06	7.48e-04	-1.15e-05
346	281	-0.05	-1.96e-04	0.02	3.38e-06	6.29e-04	-9.94e-06
346	313	-0.04	5.42e-04	0.02	2.56e-06	6.50e-04	-9.24e-06
346	316	0.01	1.25e-04	0.05	0.0	2.00e-03	-1.94e-05
346	324	2.94e-04	1.87e-04	0.02	2.26e-06	7.40e-04	-1.01e-05
346	329	0.02	2.06e-03	0.01	0.0	5.94e-04	-1.44e-05
346	331	-0.02	1.73e-03	0.03	-1.01e-06	8.88e-04	1.60e-06
346	353	6.38e-03	5.99e-03	0.02	-5.57e-06	7.00e-04	0.0
346	361	9.41e-03	1.12e-03	0.02	1.51e-06	6.64e-04	-1.23e-05
346	363	-8.60e-03	9.52e-04	0.02	0.0	8.16e-04	-4.26e-06
346	385	3.36e-03	3.07e-03	0.02	-1.63e-06	7.19e-04	-5.29e-06
347	49	0.02	-7.40e-04	0.11	-1.65e-05	3.98e-03	2.60e-06
347	121	-2.77e-03	-1.87e-03	0.03	-1.42e-06	1.02e-03	1.06e-05
347	188	-0.07	6.93e-05	0.03	-1.13e-05	1.06e-03	2.53e-05
347	231	0.01	-9.81e-04	0.07	-7.04e-06	2.58e-03	0.0

347	267	-1.81e-03	-1.27e-03	0.02	-1.16e-06	7.50e-04	8.02e-06
347	300	-0.05	-4.50e-04	0.02	-3.94e-06	6.16e-04	1.95e-05
347	310	3.24e-04	-8.98e-04	0.02	-1.55e-06	7.40e-04	9.01e-06
347	313	-0.04	4.03e-05	0.02	-4.05e-06	6.40e-04	1.80e-05
347	316	0.01	-2.55e-04	0.06	-6.44e-06	2.11e-03	3.47e-06
347	324	2.94e-04	-1.87e-04	0.02	-2.26e-06	7.40e-04	1.01e-05
347	338	0.02	-2.06e-03	0.01	0.0	5.94e-04	1.44e-05
347	340	-0.02	-1.73e-03	0.03	1.01e-06	8.88e-04	-1.60e-06
347	350	6.38e-03	-5.99e-03	0.02	5.57e-06	7.00e-04	0.0
347	370	9.41e-03	-1.12e-03	0.02	-1.51e-06	6.64e-04	1.23e-05
347	372	-8.60e-03	-9.52e-04	0.02	0.0	8.16e-04	4.26e-06
347	382	3.36e-03	-3.07e-03	0.02	1.63e-06	7.19e-04	5.29e-06
348	49	0.02	2.83e-04	0.12	-2.87e-05	4.32e-03	-5.05e-05
348	187	-0.07	1.39e-03	0.04	-1.33e-05	1.44e-03	-4.09e-05
348	188	-0.07	1.29e-03	0.04	-1.01e-05	1.15e-03	-3.60e-05
348	231	0.02	-4.93e-04	0.08	-1.37e-05	2.75e-03	-2.61e-05
348	267	-1.70e-03	-7.80e-04	0.02	-4.01e-06	7.70e-04	-1.63e-05
348	300	-0.05	3.12e-04	0.02	-2.27e-06	6.15e-04	-1.91e-05
348	313	-0.04	7.05e-04	0.02	-3.19e-06	6.44e-04	-1.63e-05
348	316	0.01	1.97e-04	0.06	-1.18e-05	2.24e-03	-2.11e-05
348	324	2.97e-04	2.40e-04	0.02	-4.17e-06	7.57e-04	-1.25e-05
348	338	0.02	-9.45e-04	0.01	0.0	6.10e-04	-3.16e-05
348	340	-0.02	-1.80e-03	0.03	-2.24e-06	9.11e-04	-7.10e-06
348	353	3.34e-03	5.75e-03	0.02	-1.40e-05	7.02e-04	6.71e-06
348	370	9.68e-03	-3.47e-04	0.02	-2.07e-06	6.81e-04	-2.20e-05
348	372	-8.39e-03	-7.76e-04	0.02	-3.22e-06	8.36e-04	-9.76e-06
348	385	1.86e-03	2.98e-03	0.02	-9.07e-06	7.29e-04	-2.96e-06
349	132	-7.54e-04	-2.51e-03	-0.28	-1.91e-04	-8.10e-04	0.0
349	149	-0.08	-6.76e-04	-1.24	-8.16e-04	-3.65e-03	0.0
349	272	-1.43e-03	-1.51e-03	-0.27	-1.88e-04	-7.77e-04	0.0
349	281	-0.05	-1.78e-04	-0.77	-4.31e-04	-2.29e-03	0.0
349	313	-0.04	9.12e-04	-0.63	-3.46e-04	-1.87e-03	0.0
349	314	-8.91e-03	1.04e-03	-0.30	-1.81e-04	-7.59e-04	0.0
349	324	-3.89e-03	4.83e-04	-0.22	-1.16e-04	-6.33e-04	0.0
349	335	-0.02	2.46e-03	-0.30	-1.53e-04	-8.44e-04	0.0
349	339	-0.02	3.38e-03	-0.30	-1.50e-04	-8.43e-04	0.0
349	351	-9.97e-03	7.94e-03	-0.24	-1.22e-04	-6.83e-04	0.0
349	367	-0.01	1.77e-03	-0.26	-1.35e-04	-7.42e-04	0.0
349	371	-0.01	1.93e-03	-0.26	-1.34e-04	-7.41e-04	0.0
349	383	-6.95e-03	4.18e-03	-0.23	-1.19e-04	-6.59e-04	0.0
350	149	-0.07	-9.35e-03	-0.90	-2.58e-04	-2.65e-03	0.0
350	187	-0.07	-8.66e-03	-0.91	-2.46e-04	-2.65e-03	0.0
350	281	-0.05	-6.37e-03	-0.62	-5.01e-05	-1.83e-03	0.0
350	300	-0.05	-5.91e-03	-0.63	-4.19e-05	-1.84e-03	0.0
350	313	-0.04	-3.84e-03	-0.52	-8.08e-06	-1.53e-03	0.0
350	324	-3.89e-03	-4.83e-04	-0.22	1.16e-04	-6.33e-04	0.0
350	328	-0.02	-2.46e-03	-0.30	1.54e-04	-8.44e-04	0.0
350	332	-0.02	-3.38e-03	-0.30	1.50e-04	-8.43e-04	0.0
350	356	-9.97e-03	-7.94e-03	-0.24	1.22e-04	-6.83e-04	0.0
350	360	-0.01	-1.77e-03	-0.26	1.35e-04	-7.42e-04	0.0
350	364	-0.01	-1.93e-03	-0.26	1.34e-04	-7.41e-04	0.0
350	388	-6.95e-03	-4.18e-03	-0.23	1.19e-04	-6.59e-04	0.0
351	131	-1.86e-03	-2.76e-03	-0.26	-2.16e-04	-1.27e-03	0.0
351	149	-0.08	-1.70e-03	-0.87	-5.98e-04	-4.28e-03	0.0
351	272	-1.14e-03	-1.89e-03	-0.19	-1.57e-04	-9.36e-04	0.0
351	281	-0.06	-1.06e-03	-0.54	-3.18e-04	-2.68e-03	0.0
351	310	-3.97e-03	-1.09e-03	-0.16	-1.05e-04	-7.67e-04	0.0
351	313	-0.04	3.08e-05	-0.44	-2.60e-04	-2.19e-03	0.0
351	324	-3.91e-03	-9.00e-05	-0.16	-1.05e-04	-7.66e-04	0.0
351	335	-0.02	1.81e-03	-0.21	-1.34e-04	-1.02e-03	0.0
351	340	-0.02	-1.35e-03	-0.21	-1.28e-04	-1.03e-03	0.0
351	350	-1.75e-03	-6.98e-03	-0.14	-8.92e-05	-7.01e-04	0.0
351	371	-0.01	1.25e-03	-0.19	-1.19e-04	-8.98e-04	0.0
351	372	-0.01	-7.09e-04	-0.18	-1.17e-04	-9.02e-04	0.0
351	382	-2.79e-03	-3.51e-03	-0.15	-9.71e-05	-7.32e-04	0.0
352	150	-0.07	-5.51e-03	-0.57	-2.01e-04	-2.83e-03	0.0
352	187	-0.07	-4.87e-03	-0.64	-1.29e-04	-3.14e-03	0.0
352	281	-0.05	-4.01e-03	-0.44	-8.84e-06	-2.16e-03	0.0
352	300	-0.05	-3.59e-03	-0.44	-1.89e-06	-2.17e-03	0.0
352	313	-0.04	-2.02e-03	-0.37	1.94e-05	-1.81e-03	0.0
352	324	-3.91e-03	9.00e-05	-0.16	1.05e-04	-7.66e-04	0.0
352	328	-0.02	-1.81e-03	-0.21	1.34e-04	-1.02e-03	0.0
352	331	-0.02	1.35e-03	-0.21	1.28e-04	-1.03e-03	0.0
352	353	-1.75e-03	6.98e-03	-0.14	8.92e-05	-7.01e-04	0.0
352	363	-0.01	7.09e-04	-0.18	1.17e-04	-9.02e-04	0.0
352	364	-0.01	-1.25e-03	-0.19	1.19e-04	-8.98e-04	0.0
352	385	-2.79e-03	3.51e-03	-0.15	9.71e-05	-7.32e-04	0.0

353	131	3.19e-05	-3.11e-03	-0.13	-1.50e-04	-1.37e-03	0.0
353	149	-0.08	-2.73e-03	-0.45	-3.56e-04	-4.60e-03	0.0
353	272	2.81e-04	-2.16e-03	-0.10	-1.09e-04	-1.01e-03	0.0
353	281	-0.06	-1.85e-03	-0.28	-1.92e-04	-2.89e-03	0.0
353	310	-3.13e-03	-1.48e-03	-0.08	-7.92e-05	-8.36e-04	0.0
353	313	-0.04	-7.95e-04	-0.23	-1.61e-04	-2.36e-03	0.0
353	324	-3.07e-03	-6.02e-04	-0.08	-7.98e-05	-8.35e-04	0.0
353	335	-0.02	1.18e-03	-0.11	-9.81e-05	-1.12e-03	0.0
353	340	-0.02	-1.73e-03	-0.11	-9.04e-05	-1.12e-03	0.0
353	350	-8.70e-04	-6.88e-03	-0.07	-6.33e-05	-7.56e-04	0.0
353	371	-0.01	6.25e-04	-0.10	-8.90e-05	-9.81e-04	0.0
353	372	-0.01	-1.16e-03	-0.10	-8.53e-05	-9.83e-04	0.0
353	382	-1.93e-03	-3.72e-03	-0.08	-7.16e-05	-7.94e-04	0.0
354	152	-0.05	-2.46e-03	-0.24	-2.31e-05	-2.44e-03	0.0
354	187	-0.07	-1.26e-03	-0.34	-3.13e-05	-3.42e-03	0.0
354	281	-0.05	-1.69e-03	-0.23	2.09e-05	-2.35e-03	0.0
354	300	-0.05	-1.33e-03	-0.23	2.52e-05	-2.36e-03	0.0
354	313	-0.04	-2.77e-04	-0.19	3.49e-05	-1.96e-03	0.0
354	316	5.68e-03	1.40e-03	-0.07	7.96e-05	-7.64e-04	0.0
354	324	-3.07e-03	6.02e-04	-0.08	7.98e-05	-8.35e-04	0.0
354	331	-0.02	1.73e-03	-0.11	9.04e-05	-1.12e-03	0.0
354	332	-0.02	-1.86e-03	-0.11	9.78e-05	-1.12e-03	0.0
354	353	-8.70e-04	6.88e-03	-0.07	6.33e-05	-7.56e-04	0.0
354	363	-0.01	1.16e-03	-0.10	8.53e-05	-9.83e-04	0.0
354	364	-0.01	-6.25e-04	-0.10	8.90e-05	-9.81e-04	0.0
354	385	-1.93e-03	3.72e-03	-0.08	7.16e-05	-7.94e-04	0.0
355	121	-5.87e-03	-1.93e-03	-9.00e-03	-8.46e-05	-1.11e-03	0.0
355	149	-0.08	-1.13e-03	-0.03	-1.94e-04	-4.46e-03	0.0
355	197	-0.02	-2.99e-05	-0.03	-3.39e-04	-2.30e-03	0.0
355	281	-0.06	-1.15e-03	-0.02	-1.08e-04	-2.82e-03	0.0
355	282	-0.04	-1.37e-03	-0.02	-9.60e-05	-2.32e-03	0.0
355	305	-0.01	-3.70e-04	-0.02	-2.15e-04	-1.21e-03	0.0
355	310	-2.06e-03	-9.47e-04	-6.33e-03	-5.88e-05	-7.91e-04	0.0
355	313	-0.04	-2.89e-04	-0.02	-9.45e-05	-2.29e-03	0.0
355	314	-9.68e-03	9.05e-05	-0.02	-1.77e-04	-1.10e-03	0.0
355	324	-2.01e-03	-2.25e-04	-6.62e-03	-5.96e-05	-7.91e-04	0.0
355	340	-0.02	-1.75e-03	-8.28e-03	-6.24e-05	-1.08e-03	0.0
355	350	2.31e-04	-5.76e-03	-3.20e-03	-4.18e-05	-7.08e-04	0.0
355	351	-4.26e-03	5.31e-03	-0.01	-7.75e-05	-8.74e-04	0.0
355	372	-0.01	-9.83e-04	-7.48e-03	-6.12e-05	-9.42e-04	0.0
355	382	-8.50e-04	-2.97e-03	-4.91e-03	-5.08e-05	-7.48e-04	0.0
355	383	-3.18e-03	2.52e-03	-8.33e-03	-6.85e-05	-8.34e-04	0.0
356	122	-4.82e-03	-1.45e-03	-6.94e-03	4.92e-05	-7.89e-04	0.0
356	187	-0.07	3.94e-04	-0.02	2.81e-05	-3.42e-03	0.0
356	197	-0.02	5.13e-04	-0.02	1.84e-04	-1.76e-03	0.0
356	267	-3.92e-03	-8.93e-04	-7.34e-03	6.13e-05	-8.07e-04	0.0
356	300	-0.05	-2.65e-04	-0.01	3.98e-05	-2.35e-03	0.0
356	305	-0.01	-1.77e-04	-0.02	1.55e-04	-1.12e-03	0.0
356	313	-0.04	3.07e-04	-0.01	4.23e-05	-1.94e-03	0.0
356	314	-8.75e-03	3.73e-04	-0.01	1.29e-04	-1.02e-03	0.0
356	315	8.61e-04	5.38e-04	-6.81e-03	5.84e-05	-7.65e-04	0.0
356	324	-2.01e-03	2.25e-04	-6.62e-03	5.96e-05	-7.91e-04	0.0
356	331	-0.02	1.75e-03	-8.28e-03	6.24e-05	-1.08e-03	0.0
356	353	2.31e-04	5.76e-03	-3.20e-03	4.18e-05	-7.08e-04	0.0
356	356	-4.26e-03	-5.31e-03	-0.01	7.75e-05	-8.74e-04	0.0
356	363	-0.01	9.83e-04	-7.48e-03	6.12e-05	-9.42e-04	0.0
356	385	-8.50e-04	2.97e-03	-4.91e-03	5.08e-05	-7.48e-04	0.0
356	388	-3.18e-03	-2.52e-03	-8.33e-03	6.85e-05	-8.34e-04	0.0
357	41	-1.28e-03	1.40e-03	0.03	-1.22e-04	-1.67e-03	0.0
357	149	-0.08	8.09e-04	0.10	-1.79e-04	-4.44e-03	0.0
357	281	-0.06	-1.90e-04	0.07	-9.93e-05	-2.80e-03	0.0
357	289	3.39e-03	8.83e-04	0.03	-8.58e-05	-1.20e-03	0.0
357	311	4.08e-03	8.87e-04	0.02	-6.79e-05	-9.15e-04	0.0
357	313	-0.04	5.74e-04	0.05	-8.77e-05	-2.28e-03	0.0
357	324	-1.93e-03	4.18e-04	0.02	-5.74e-05	-7.86e-04	0.0
357	340	-0.02	-1.70e-03	0.02	-5.95e-05	-1.08e-03	0.0
357	353	5.85e-03	5.85e-03	0.01	-7.11e-05	-6.94e-04	0.0
357	372	-0.01	-6.36e-04	0.02	-5.85e-05	-9.36e-04	0.0
357	385	1.98e-03	3.12e-03	0.01	-6.42e-05	-7.39e-04	0.0
358	121	-5.50e-03	-2.03e-03	0.02	8.20e-05	-1.09e-03	0.0
358	187	-0.07	-2.49e-05	0.08	3.16e-05	-3.41e-03	0.0
358	252	3.42e-03	-1.40e-03	0.02	5.69e-05	-7.35e-04	0.0
358	300	-0.05	-5.01e-04	0.06	4.00e-05	-2.34e-03	0.0
358	310	-1.88e-03	-1.08e-03	0.02	5.82e-05	-7.85e-04	0.0
358	313	-0.04	-9.90e-05	0.05	4.19e-05	-1.94e-03	0.0
358	324	-1.93e-03	-4.18e-04	0.02	5.74e-05	-7.86e-04	0.0
358	331	-0.02	1.70e-03	0.02	5.95e-05	-1.08e-03	0.0

358	350	5.85e-03	-5.85e-03	0.01	7.11e-05	-6.94e-04	0.0
358	363	-0.01	6.36e-04	0.02	5.85e-05	-9.36e-04	0.0
358	382	1.98e-03	-3.12e-03	0.01	6.42e-05	-7.39e-04	0.0
359	41	8.05e-03	-3.30e-04	-0.03	-3.39e-04	2.28e-03	0.0
359	121	3.99e-05	-2.01e-03	-8.21e-03	-8.43e-05	1.10e-03	0.0
359	188	-0.07	5.39e-05	-2.92e-03	-8.51e-05	1.24e-03	0.0
359	227	4.88e-03	-5.93e-04	-0.02	-2.15e-04	1.20e-03	0.0
359	232	0.01	-1.54e-03	-0.01	-9.50e-05	2.34e-03	0.0
359	300	-0.05	-3.85e-04	-7.29e-04	-5.35e-05	6.58e-04	0.0
359	310	2.27e-03	-9.77e-04	-6.33e-03	-5.89e-05	7.96e-04	0.0
359	313	-0.04	1.03e-04	-2.58e-03	-5.54e-05	6.86e-04	0.0
359	315	5.60e-03	5.57e-05	-0.02	-1.76e-04	1.09e-03	0.0
359	324	1.99e-03	-2.25e-04	-6.62e-03	-5.97e-05	7.95e-04	0.0
359	338	0.02	-2.15e-03	-7.79e-03	-5.07e-05	6.45e-04	0.0
359	350	0.01	-6.29e-03	-4.46e-03	-4.19e-05	7.60e-04	0.0
359	353	3.72e-03	5.73e-03	-9.94e-03	-7.49e-05	7.38e-04	0.0
359	370	0.01	-1.18e-03	-7.21e-03	-5.52e-05	7.18e-04	0.0
359	382	6.76e-03	-3.24e-03	-5.55e-03	-5.09e-05	7.77e-04	0.0
359	385	2.89e-03	2.73e-03	-8.27e-03	-6.72e-05	7.66e-04	0.0
360	49	0.03	5.82e-04	0.11	-1.78e-04	4.48e-03	0.0
360	187	-0.07	1.97e-03	0.04	-1.13e-04	1.53e-03	0.0
360	188	-0.07	1.81e-03	0.03	-7.88e-05	1.22e-03	0.0
360	231	0.02	-3.76e-04	0.07	-9.87e-05	2.83e-03	0.0
360	289	0.01	9.05e-04	0.02	-8.55e-05	1.18e-03	0.0
360	300	-0.05	6.41e-04	0.02	-5.12e-05	6.51e-04	0.0
360	313	-0.04	1.00e-03	0.02	-5.31e-05	6.79e-04	0.0
360	316	0.02	3.34e-04	0.06	-8.87e-05	2.31e-03	0.0
360	324	1.90e-03	4.18e-04	0.02	-5.74e-05	7.89e-04	0.0
360	338	0.02	-6.43e-04	0.01	-4.88e-05	6.40e-04	0.0
360	340	-0.02	-1.68e-03	0.02	-5.61e-05	9.46e-04	0.0
360	353	3.63e-03	5.84e-03	0.01	-7.27e-05	7.32e-04	0.0
360	370	0.01	-1.07e-04	0.01	-5.31e-05	7.12e-04	0.0
360	372	-7.04e-03	-6.28e-04	0.02	-5.68e-05	7.70e-04	0.0
360	385	2.81e-03	3.11e-03	0.01	-6.50e-05	7.60e-04	0.0
361	49	0.02	-6.01e-04	0.09	2.83e-05	3.43e-03	0.0
361	121	-1.40e-03	-2.07e-03	0.02	8.13e-05	1.08e-03	0.0
361	150	-0.07	-5.32e-04	0.03	1.81e-05	8.74e-04	0.0
361	231	0.01	-9.15e-04	0.06	3.78e-05	2.36e-03	0.0
361	252	7.69e-03	-1.43e-03	0.01	5.62e-05	7.21e-04	0.0
361	281	-0.05	-9.74e-04	0.02	5.59e-05	6.91e-04	0.0
361	310	1.62e-03	-1.08e-03	0.02	5.82e-05	7.89e-04	0.0
361	313	-0.03	-2.52e-04	0.02	5.55e-05	7.10e-04	0.0
361	316	0.01	-3.03e-04	0.05	4.19e-05	1.96e-03	0.0
361	324	1.90e-03	-4.18e-04	0.02	5.74e-05	7.89e-04	0.0
361	329	0.02	6.43e-04	0.01	4.88e-05	6.40e-04	0.0
361	331	-0.02	1.68e-03	0.02	5.61e-05	9.46e-04	0.0
361	350	3.63e-03	-5.84e-03	0.01	7.27e-05	7.32e-04	0.0
361	361	0.01	1.07e-04	0.01	5.31e-05	7.12e-04	0.0
361	363	-7.04e-03	6.28e-04	0.02	5.68e-05	8.70e-04	0.0
361	382	2.81e-03	-3.11e-03	0.01	6.50e-05	7.60e-04	0.0
362	41	4.27e-03	2.58e-04	-0.02	1.80e-04	1.73e-03	0.0
362	122	-2.06e-03	-1.51e-03	-6.13e-03	4.86e-05	7.78e-04	0.0
362	150	-0.07	5.81e-04	2.53e-03	1.71e-05	8.80e-04	0.0
362	227	3.07e-03	-3.69e-04	-0.02	1.53e-04	1.10e-03	0.0
362	232	8.55e-03	-1.00e-03	-8.71e-03	4.34e-05	1.97e-03	0.0
362	281	-0.05	-5.39e-05	-9.88e-04	5.84e-05	6.98e-04	0.0
362	313	-0.03	6.95e-04	-2.34e-03	5.80e-05	7.17e-04	0.0
362	315	4.67e-03	3.50e-04	-0.01	1.29e-04	1.02e-03	0.0
362	324	1.99e-03	2.25e-04	-6.62e-03	5.97e-05	7.95e-04	0.0
362	329	0.02	2.15e-03	-7.79e-03	5.07e-05	6.45e-04	0.0
362	350	3.72e-03	-5.73e-03	-9.94e-03	7.49e-05	7.38e-04	0.0
362	353	0.01	6.29e-03	-4.46e-03	4.19e-05	7.60e-04	0.0
362	361	0.01	1.18e-03	-7.21e-03	5.52e-05	7.18e-04	0.0
362	382	2.89e-03	-2.73e-03	-8.27e-03	6.72e-05	7.66e-04	0.0
362	385	6.76e-03	3.24e-03	-5.55e-03	5.09e-05	7.77e-04	0.0
363	49	0.03	-3.22e-03	-0.45	-3.55e-04	4.64e-03	0.0
363	51	0.02	-3.47e-03	-0.34	-2.60e-04	3.52e-03	0.0
363	188	-0.06	-1.31e-03	-0.12	-1.42e-04	1.36e-03	0.0
363	231	0.02	-2.29e-03	-0.28	-1.92e-04	2.91e-03	0.0
363	232	0.01	-2.44e-03	-0.23	-1.64e-04	2.40e-03	0.0
363	300	-0.05	-1.07e-03	-0.07	-6.97e-05	7.12e-04	0.0
363	310	3.33e-03	-1.59e-03	-0.08	-7.94e-05	8.40e-04	0.0
363	313	-0.03	-3.85e-04	-0.07	-7.26e-05	7.48e-04	0.0
363	316	0.02	-1.16e-03	-0.23	-1.64e-04	2.39e-03	0.0
363	324	3.04e-03	-6.02e-04	-0.08	-7.98e-05	8.38e-04	0.0
363	338	0.02	-3.72e-03	-0.07	-6.80e-05	6.94e-04	0.0
363	339	-0.02	2.51e-03	-0.10	-9.17e-05	9.83e-04	0.0

363	350	0.01	-9.04e-03	-0.08	-6.28e-05	8.05e-04	0.0
363	367	-7.04e-03	4.87e-04	-0.09	-8.64e-05	9.12e-04	0.0
363	370	0.01	-2.15e-03	-0.08	-7.39e-05	7.64e-04	0.0
363	382	7.92e-03	-4.80e-03	-0.08	-7.14e-05	8.21e-04	0.0
364	49	0.02	-2.46e-03	-0.33	-4.06e-05	3.43e-03	0.0
364	52	0.01	-2.99e-03	-0.24	-2.54e-05	2.45e-03	0.0
364	150	-0.06	1.36e-03	-0.08	-6.59e-06	9.28e-04	0.0
364	231	0.01	-2.26e-03	-0.23	1.89e-05	2.37e-03	0.0
364	281	-0.05	7.54e-04	-0.07	7.92e-05	7.54e-04	0.0
364	313	-0.03	1.63e-03	-0.07	7.91e-05	7.72e-04	0.0
364	316	0.01	-7.79e-04	-0.19	3.36e-05	1.98e-03	0.0
364	324	3.04e-03	6.02e-04	-0.08	7.98e-05	8.38e-04	0.0
364	329	0.02	3.72e-03	-0.07	6.80e-05	6.94e-04	0.0
364	332	-0.02	-2.51e-03	-0.10	9.17e-05	9.83e-04	0.0
364	353	0.01	9.04e-03	-0.08	6.28e-05	8.05e-04	0.0
364	360	-7.04e-03	-4.87e-04	-0.09	8.64e-05	9.12e-04	0.0
364	361	0.01	2.15e-03	-0.08	7.39e-05	7.64e-04	0.0
364	385	7.92e-03	4.80e-03	-0.08	7.14e-05	8.21e-04	0.0
365	49	0.03	-2.46e-03	-0.87	-5.98e-04	4.32e-03	0.0
365	131	0.02	-3.23e-03	-0.26	-2.16e-04	1.26e-03	0.0
365	188	-0.06	-7.46e-04	-0.25	-2.26e-04	1.28e-03	0.0
365	231	0.02	-1.75e-03	-0.54	-3.19e-04	2.71e-03	0.0
365	272	0.01	-2.19e-03	-0.19	-1.57e-04	9.30e-04	0.0
365	300	-0.05	-5.13e-04	-0.13	-8.88e-05	6.83e-04	0.0
365	310	4.17e-03	-1.27e-03	-0.16	-1.05e-04	7.71e-04	0.0
365	313	-0.03	2.73e-04	-0.14	-9.31e-05	7.00e-04	0.0
365	316	0.02	-4.78e-04	-0.45	-2.65e-04	2.22e-03	0.0
365	324	3.88e-03	-8.89e-05	-0.16	-1.05e-04	7.69e-04	0.0
365	335	-0.02	2.57e-03	-0.18	-1.23e-04	8.99e-04	0.0
365	338	0.03	-3.82e-03	-0.13	-8.82e-05	6.40e-04	0.0
365	350	0.01	-0.01	-0.15	-8.76e-05	7.44e-04	0.0
365	367	-6.64e-03	1.14e-03	-0.17	-1.15e-04	8.36e-04	0.0
365	370	0.01	-1.94e-03	-0.14	-9.65e-05	7.03e-04	0.0
365	382	8.80e-03	-5.34e-03	-0.15	-9.63e-05	7.56e-04	0.0
366	49	0.02	-6.44e-03	-0.63	-1.46e-04	3.15e-03	0.0
366	50	0.01	-6.45e-03	-0.57	-2.07e-04	2.85e-03	0.0
366	150	-0.06	5.97e-04	-0.16	-4.78e-05	8.59e-04	0.0
366	231	0.01	-4.84e-03	-0.44	-1.30e-05	2.18e-03	0.0
366	281	-0.04	4.05e-04	-0.14	1.05e-04	7.01e-04	0.0
366	313	-0.03	1.42e-03	-0.14	1.06e-04	7.16e-04	0.0
366	316	0.01	-2.69e-03	-0.37	1.63e-05	1.82e-03	0.0
366	324	3.88e-03	8.89e-05	-0.16	1.05e-04	7.69e-04	0.0
366	328	-0.02	-2.57e-03	-0.18	1.23e-04	9.00e-04	0.0
366	329	0.03	3.82e-03	-0.13	8.82e-05	6.40e-04	0.0
366	353	0.01	0.01	-0.15	8.76e-05	7.44e-04	0.0
366	360	-6.64e-03	-1.14e-03	-0.17	1.15e-04	8.36e-04	0.0
366	361	0.01	1.94e-03	-0.14	9.65e-05	7.03e-04	0.0
366	385	8.80e-03	5.34e-03	-0.15	9.63e-05	7.56e-04	0.0
367	49	0.02	-1.72e-03	-1.24	-8.19e-04	3.68e-03	0.0
367	132	0.01	-3.13e-03	-0.28	-1.91e-04	8.02e-04	0.0
367	188	-0.06	-2.68e-04	-0.36	-2.93e-04	1.08e-03	0.0
367	231	0.01	-1.13e-03	-0.78	-4.34e-04	2.32e-03	0.0
367	272	0.01	-1.92e-03	-0.27	-1.88e-04	7.73e-04	0.0
367	300	-0.05	9.78e-05	-0.19	-9.49e-05	5.75e-04	0.0
367	313	-0.03	9.70e-04	-0.20	-1.00e-04	5.86e-04	0.0
367	316	0.01	2.58e-04	-0.64	-3.54e-04	1.89e-03	0.0
367	324	3.85e-03	4.85e-04	-0.22	-1.16e-04	6.36e-04	0.0
367	338	0.03	-3.74e-03	-0.19	-1.03e-04	5.30e-04	0.0
367	340	-0.02	-2.60e-03	-0.26	-1.37e-04	7.52e-04	0.0
367	351	-5.73e-03	0.01	-0.23	-1.10e-04	6.55e-04	0.0
367	368	-6.63e-03	-2.82e-04	-0.24	-1.28e-04	6.95e-04	0.0
367	370	0.02	-1.62e-03	-0.20	-1.09e-04	5.81e-04	0.0
367	383	-9.61e-04	6.68e-03	-0.23	-1.13e-04	6.46e-04	0.0
368	49	0.01	-0.01	-0.90	-2.67e-04	2.66e-03	0.0
368	150	-0.06	-4.86e-04	-0.24	-1.02e-04	7.18e-04	0.0
368	231	8.04e-03	-7.46e-03	-0.62	-5.66e-05	1.84e-03	0.0
368	281	-0.04	-1.38e-04	-0.20	1.16e-04	5.84e-04	0.0
368	313	-0.03	1.03e-03	-0.20	1.18e-04	5.96e-04	0.0
368	316	8.99e-03	-4.66e-03	-0.52	-1.32e-05	1.54e-03	0.0
368	324	3.85e-03	-4.85e-04	-0.22	1.16e-04	6.36e-04	0.0
368	327	-0.02	1.37e-03	-0.26	1.38e-04	7.51e-04	0.0
368	329	0.03	3.74e-03	-0.19	1.03e-04	5.30e-04	0.0
368	356	-5.73e-03	-0.01	-0.23	1.10e-04	6.55e-04	0.0
368	359	-6.63e-03	2.82e-04	-0.24	1.28e-04	6.95e-04	0.0
368	361	0.02	1.62e-03	-0.20	1.09e-04	5.81e-04	0.0
368	388	-9.61e-04	-6.68e-03	-0.23	1.13e-04	6.46e-04	0.0
369	49	0.01	-9.82e-04	-1.54	-1.03e-03	2.82e-03	0.0

369	132	0.01	-3.05e-03	-0.34	-2.20e-04	5.94e-04	0.0
369	188	-0.06	3.66e-05	-0.45	-3.48e-04	8.07e-04	0.0
369	231	7.76e-03	-4.86e-04	-0.97	-5.56e-04	1.79e-03	0.0
369	272	0.01	-1.68e-03	-0.33	-2.13e-04	5.73e-04	0.0
369	300	-0.04	5.75e-04	-0.24	-1.01e-04	4.35e-04	0.0
369	313	-0.03	1.52e-03	-0.24	-1.07e-04	4.41e-04	0.0
369	316	8.33e-03	9.53e-04	-0.79	-4.47e-04	1.45e-03	0.0
369	324	3.16e-03	9.54e-04	-0.27	-1.26e-04	4.72e-04	0.0
369	338	0.03	-3.70e-03	-0.23	-1.08e-04	3.91e-04	0.0
369	340	-0.02	-2.61e-03	-0.32	-1.51e-04	5.60e-04	0.0
369	351	-5.92e-03	0.01	-0.28	-1.20e-04	4.86e-04	0.0
369	368	-7.86e-03	5.94e-05	-0.30	-1.39e-04	5.18e-04	0.0
369	370	0.01	-1.36e-03	-0.25	-1.17e-04	4.31e-04	0.0
369	383	-1.41e-03	7.89e-03	-0.28	-1.23e-04	4.80e-04	0.0
370	49	4.37e-03	-0.01	-1.12	-3.31e-04	2.05e-03	0.0
370	150	-0.06	-1.49e-03	-0.29	-1.42e-04	5.41e-04	0.0
370	231	2.90e-03	-9.74e-03	-0.77	-6.85e-05	1.42e-03	0.0
370	281	-0.04	-6.53e-04	-0.24	1.25e-04	4.37e-04	0.0
370	313	-0.03	6.52e-04	-0.25	1.28e-04	4.45e-04	0.0
370	316	4.97e-03	-6.39e-03	-0.65	-1.95e-05	1.18e-03	0.0
370	324	3.16e-03	-9.54e-04	-0.27	1.26e-04	4.72e-04	0.0
370	329	0.03	3.70e-03	-0.23	1.08e-04	3.91e-04	0.0
370	331	-0.02	2.61e-03	-0.32	1.51e-04	5.60e-04	0.0
370	356	-5.92e-03	-0.01	-0.28	1.20e-04	4.86e-04	0.0
370	359	-7.86e-03	-5.94e-05	-0.30	1.39e-04	5.18e-04	0.0
370	361	0.01	1.36e-03	-0.25	1.17e-04	4.31e-04	0.0
370	388	-1.41e-03	-7.89e-03	-0.28	1.23e-04	4.80e-04	0.0
371	49	-0.06	-1.70e-03	-1.24	-8.20e-04	-3.67e-03	0.0
371	132	6.92e-03	-3.15e-03	-0.28	-1.90e-04	-8.07e-04	0.0
371	149	-0.07	-1.41e-03	-0.46	-3.79e-04	-1.31e-03	0.0
371	231	-0.04	-1.12e-03	-0.78	-4.34e-04	-2.31e-03	0.0
371	272	4.46e-03	-1.93e-03	-0.27	-1.88e-04	-7.76e-04	0.0
371	281	-0.05	-8.70e-04	-0.20	-1.07e-04	-5.60e-04	0.0
371	313	-0.03	6.78e-04	-0.20	-1.04e-04	-5.73e-04	0.0
371	316	-0.03	2.68e-04	-0.64	-3.54e-04	-1.89e-03	0.0
371	317	-8.18e-03	9.86e-04	-0.30	-1.81e-04	-7.62e-04	0.0
371	324	-3.87e-03	4.85e-04	-0.22	-1.16e-04	-6.36e-04	0.0
371	340	-0.03	-2.87e-03	-0.26	-1.42e-04	-7.48e-04	0.0
371	351	-9.27e-03	0.01	-0.23	-9.67e-05	-6.53e-04	0.0
371	372	-0.02	-1.18e-03	-0.24	-1.29e-04	-6.94e-04	0.0
371	383	-6.62e-03	6.78e-03	-0.23	-1.07e-04	-6.45e-04	0.0
372	49	-0.05	-9.73e-04	-1.55	-1.03e-03	-2.81e-03	0.0
372	132	7.39e-03	-3.06e-03	-0.34	-2.20e-04	-5.99e-04	0.0
372	149	-0.07	-8.60e-04	-0.57	-4.40e-04	-9.66e-04	0.0
372	231	-0.04	-4.82e-04	-0.97	-5.56e-04	-1.78e-03	0.0
372	272	4.96e-03	-1.69e-03	-0.33	-2.13e-04	-5.77e-04	0.0
372	281	-0.05	-3.63e-04	-0.24	-1.14e-04	-4.17e-04	0.0
372	313	-0.03	1.28e-03	-0.25	-1.11e-04	-4.26e-04	0.0
372	316	-0.02	9.60e-04	-0.79	-4.47e-04	-1.45e-03	0.0
372	319	0.01	1.50e-03	-0.25	-1.07e-04	-4.41e-04	0.0
372	324	-3.18e-03	9.54e-04	-0.27	-1.26e-04	-4.72e-04	0.0
372	340	-0.03	-2.74e-03	-0.32	-1.54e-04	-5.57e-04	0.0
372	351	-9.01e-03	0.02	-0.28	-1.13e-04	-4.78e-04	0.0
372	372	-0.02	-8.76e-04	-0.30	-1.40e-04	-5.16e-04	0.0
372	383	-6.14e-03	7.94e-03	-0.28	-1.20e-04	-4.76e-04	0.0
373	49	-0.04	-0.01	-1.12	-3.31e-04	-2.04e-03	0.0
373	187	-0.06	-1.44e-03	-0.41	-6.13e-05	-7.11e-04	0.0
373	231	-0.03	-9.73e-03	-0.78	-6.84e-05	-1.41e-03	0.0
373	300	-0.05	-3.46e-04	-0.25	1.31e-04	-4.27e-04	0.0
373	313	-0.03	4.21e-04	-0.25	1.25e-04	-4.36e-04	0.0
373	316	-0.02	-6.38e-03	-0.65	-1.95e-05	-1.18e-03	0.0
373	324	-3.18e-03	-9.54e-04	-0.27	1.26e-04	-4.72e-04	0.0
373	331	-0.03	2.74e-03	-0.32	1.54e-04	-5.57e-04	0.0
373	356	-9.01e-03	-0.02	-0.28	1.13e-04	-4.78e-04	0.0
373	363	-0.02	8.76e-04	-0.30	1.40e-04	-5.16e-04	0.0
373	388	-6.14e-03	-7.94e-03	-0.28	1.20e-04	-4.76e-04	0.0
374	49	-0.05	-0.01	-0.90	-2.67e-04	-2.66e-03	0.0
374	187	-0.06	-3.91e-04	-0.33	-2.74e-05	-9.48e-04	0.0
374	231	-0.04	-7.45e-03	-0.63	-5.64e-05	-1.84e-03	0.0
374	300	-0.05	4.29e-05	-0.20	1.21e-04	-5.71e-04	0.0
374	313	-0.03	7.51e-04	-0.21	1.14e-04	-5.84e-04	0.0
374	316	-0.03	-4.65e-03	-0.52	-1.33e-05	-1.54e-03	0.0
374	324	-3.87e-03	-4.85e-04	-0.22	1.16e-04	-6.36e-04	0.0
374	331	-0.03	2.87e-03	-0.26	1.42e-04	-7.48e-04	0.0
374	356	-9.27e-03	-0.01	-0.23	9.67e-05	-6.53e-04	0.0
374	363	-0.02	1.18e-03	-0.24	1.29e-04	-6.94e-04	0.0
374	388	-6.62e-03	-6.78e-03	-0.23	1.07e-04	-6.45e-04	0.0

375	49	-0.07	-2.44e-03	-0.87	-5.98e-04	-4.31e-03	0.0
375	131	5.99e-03	-3.27e-03	-0.26	-2.15e-04	-1.27e-03	0.0
375	231	-0.05	-1.75e-03	-0.55	-3.19e-04	-2.70e-03	0.0
375	272	4.87e-03	-2.22e-03	-0.19	-1.56e-04	-9.33e-04	0.0
375	310	-4.13e-03	-1.29e-03	-0.16	-1.05e-04	-7.71e-04	0.0
375	316	-0.03	-4.63e-04	-0.45	-2.65e-04	-2.21e-03	0.0
375	324	-3.90e-03	-8.89e-05	-0.16	-1.05e-04	-7.69e-04	0.0
375	339	-0.03	3.46e-03	-0.19	-1.26e-04	-8.95e-04	0.0
375	340	-0.03	-2.99e-03	-0.18	-1.10e-04	-9.03e-04	0.0
375	350	1.35e-03	-0.01	-0.14	-7.46e-05	-7.43e-04	0.0
375	371	-0.02	1.68e-03	-0.17	-1.16e-04	-8.34e-04	0.0
375	372	-0.02	-1.53e-03	-0.17	-1.08e-04	-8.38e-04	0.0
375	382	-1.22e-03	-5.52e-03	-0.15	-8.99e-05	-7.56e-04	0.0
376	49	-0.05	-6.41e-03	-0.64	-1.45e-04	-3.14e-03	0.0
376	50	-0.05	-6.42e-03	-0.57	-2.07e-04	-2.84e-03	0.0
376	187	-0.06	8.44e-04	-0.24	1.93e-05	-1.14e-03	0.0
376	231	-0.04	-4.83e-03	-0.44	-1.28e-05	-2.17e-03	0.0
376	300	-0.04	5.13e-04	-0.14	1.09e-04	-6.86e-04	0.0
376	313	-0.03	1.15e-03	-0.15	1.03e-04	-7.02e-04	0.0
376	316	-0.03	-2.67e-03	-0.37	1.62e-05	-1.82e-03	0.0
376	324	-3.90e-03	8.89e-05	-0.16	1.05e-04	-7.69e-04	0.0
376	331	-0.03	2.99e-03	-0.18	1.10e-04	-9.03e-04	0.0
376	332	-0.03	-3.46e-03	-0.19	1.26e-04	-8.95e-04	0.0
376	353	1.35e-03	0.01	-0.14	7.46e-05	-7.43e-04	0.0
376	363	-0.02	1.53e-03	-0.17	1.08e-04	-8.38e-04	0.0
376	364	-0.02	-1.68e-03	-0.17	1.16e-04	-8.34e-04	0.0
376	385	-1.22e-03	5.52e-03	-0.15	8.99e-05	-7.56e-04	0.0
377	49	-0.07	-3.20e-03	-0.45	-3.55e-04	-4.63e-03	0.0
377	51	-0.05	-3.49e-03	-0.34	-2.60e-04	-3.51e-03	0.0
377	231	-0.05	-2.30e-03	-0.28	-1.92e-04	-2.91e-03	0.0
377	232	-0.04	-2.46e-03	-0.23	-1.64e-04	-2.39e-03	0.0
377	310	-3.28e-03	-1.62e-03	-0.08	-7.92e-05	-8.40e-04	0.0
377	316	-0.03	-1.14e-03	-0.23	-1.64e-04	-2.38e-03	0.0
377	324	-3.06e-03	-6.02e-04	-0.08	-7.98e-05	-8.38e-04	0.0
377	339	-0.03	2.30e-03	-0.10	-9.38e-05	-9.76e-04	0.0
377	340	-0.03	-2.98e-03	-0.10	-8.06e-05	-9.86e-04	0.0
377	350	2.31e-03	-9.56e-03	-0.07	-5.56e-05	-8.12e-04	0.0
377	371	-0.02	8.44e-04	-0.09	-8.69e-05	-9.09e-04	0.0
377	372	-0.02	-1.78e-03	-0.09	-8.03e-05	-9.14e-04	0.0
377	382	-3.19e-04	-5.05e-03	-0.08	-6.78e-05	-8.24e-04	0.0
378	49	-0.05	-2.42e-03	-0.33	-4.06e-05	-3.43e-03	0.0
378	52	-0.04	-3.00e-03	-0.24	-2.52e-05	-2.44e-03	0.0
378	187	-0.06	1.82e-03	-0.13	4.43e-05	-1.23e-03	0.0
378	231	-0.04	-2.26e-03	-0.23	1.90e-05	-2.36e-03	0.0
378	300	-0.04	8.61e-04	-0.08	8.15e-05	-7.36e-04	0.0
378	313	-0.03	1.42e-03	-0.08	7.74e-05	-7.54e-04	0.0
378	316	-0.03	-7.52e-04	-0.19	3.35e-05	-1.98e-03	0.0
378	319	0.01	1.43e-03	-0.07	8.01e-05	-7.78e-04	0.0
378	324	-3.06e-03	6.02e-04	-0.08	7.98e-05	-8.38e-04	0.0
378	331	-0.03	2.98e-03	-0.10	8.06e-05	-9.86e-04	0.0
378	332	-0.03	-2.30e-03	-0.10	9.38e-05	-9.76e-04	0.0
378	353	2.31e-03	9.56e-03	-0.07	5.56e-05	-8.12e-04	0.0
378	363	-0.02	1.78e-03	-0.09	8.03e-05	-9.14e-04	0.0
378	364	-0.02	-8.44e-04	-0.09	8.69e-05	-9.09e-04	0.0
378	385	-3.19e-04	5.05e-03	-0.08	6.78e-05	-8.24e-04	0.0
379	49	-0.06	-1.38e-03	-0.03	-1.93e-04	-4.49e-03	0.0
379	57	-0.02	-3.24e-04	-0.03	-3.39e-04	-2.29e-03	0.0
379	121	-7.88e-03	-2.11e-03	-9.12e-03	-8.40e-05	-1.10e-03	0.0
379	231	-0.05	-1.40e-03	-0.02	-1.07e-04	-2.84e-03	0.0
379	232	-0.04	-1.57e-03	-0.01	-9.49e-05	-2.33e-03	0.0
379	235	-0.01	-6.15e-04	-0.02	-2.15e-04	-1.21e-03	0.0
379	310	-2.20e-03	-1.02e-03	-6.31e-03	-5.88e-05	-7.95e-04	0.0
379	316	-0.03	-5.17e-04	-0.01	-9.57e-05	-2.32e-03	0.0
379	317	-8.93e-03	7.22e-05	-0.02	-1.77e-04	-1.10e-03	0.0
379	324	-2.00e-03	-2.25e-04	-6.62e-03	-5.97e-05	-7.95e-04	0.0
379	331	-0.03	1.98e-03	-0.01	-7.02e-05	-9.33e-04	0.0
379	340	-0.03	-2.16e-03	-9.05e-03	-5.91e-05	-9.44e-04	0.0
379	350	3.58e-03	-7.05e-03	-2.38e-03	-3.97e-05	-7.70e-04	0.0
379	363	-0.02	8.70e-04	-8.84e-03	-6.49e-05	-8.66e-04	0.0
379	372	-0.02	-1.19e-03	-7.86e-03	-5.94e-05	-8.72e-04	0.0
379	382	8.43e-04	-3.62e-03	-4.50e-03	-4.97e-05	-7.82e-04	0.0
380	57	-0.02	2.51e-04	-0.02	1.80e-04	-1.74e-03	0.0
380	122	-6.16e-03	-1.60e-03	-7.16e-03	4.89e-05	-7.78e-04	0.0
380	187	-0.06	8.47e-04	-0.01	5.42e-05	-1.16e-03	0.0
380	232	-0.03	-1.02e-03	-0.01	4.35e-05	-1.97e-03	0.0
380	235	-0.01	-4.00e-04	-0.02	1.53e-04	-1.11e-03	0.0
380	300	-0.04	2.48e-05	-0.01	5.93e-05	-6.72e-04	0.0

380	310	-1.81e-03	-5.68e-04	-6.94e-03	6.05e-05	-7.95e-04	0.0
380	313	-0.03	5.61e-04	-9.61e-03	5.71e-05	-6.94e-04	0.0
380	317	-7.96e-03	3.57e-04	-0.01	1.29e-04	-1.02e-03	0.0
380	324	-2.00e-03	2.25e-04	-6.62e-03	5.97e-05	-7.95e-04	0.0
380	331	-0.03	2.16e-03	-9.05e-03	5.91e-05	-9.44e-04	0.0
380	340	-0.03	-1.98e-03	-0.01	7.02e-05	-9.33e-04	0.0
380	353	3.58e-03	7.05e-03	-2.38e-03	3.97e-05	-7.70e-04	0.0
380	363	-0.02	1.19e-03	-7.86e-03	5.94e-05	-8.72e-04	0.0
380	372	-0.02	-8.70e-04	-8.84e-03	6.49e-05	-8.66e-04	0.0
380	385	8.43e-04	3.62e-03	-4.50e-03	4.97e-05	-7.82e-04	0.0
381	49	-1.72e-03	6.53e-05	-1.78	-1.28e-03	1.54e-03	0.0
381	132	0.01	-3.09e-03	-0.39	-2.56e-04	3.16e-04	0.0
381	188	-0.06	1.35e-04	-0.51	-4.01e-04	4.35e-04	0.0
381	231	-2.09e-03	2.92e-04	-1.12	-7.10e-04	9.88e-04	0.0
381	272	0.01	-1.67e-03	-0.38	-2.47e-04	3.07e-04	0.0
381	300	-0.04	6.74e-04	-0.27	-1.22e-04	2.43e-04	0.0
381	313	-0.03	1.69e-03	-0.28	-1.29e-04	2.44e-04	0.0
381	316	7.22e-04	1.65e-03	-0.91	-5.67e-04	8.03e-04	0.0
381	324	1.79e-03	1.13e-03	-0.31	-1.48e-04	2.55e-04	0.0
381	338	0.03	-3.84e-03	-0.26	-1.27e-04	2.08e-04	0.0
381	340	-0.02	-2.74e-03	-0.37	-1.78e-04	3.05e-04	0.0
381	351	-6.53e-03	0.02	-0.32	-1.41e-04	2.62e-04	0.0
381	370	0.01	-1.35e-03	-0.29	-1.37e-04	2.31e-04	0.0
381	372	-9.75e-03	-7.88e-04	-0.34	-1.63e-04	2.81e-04	0.0
381	383	-2.40e-03	8.59e-03	-0.32	-1.45e-04	2.58e-04	0.0
382	49	-6.37e-03	-0.02	-1.29	-2.79e-04	1.14e-03	0.0
382	150	-0.06	-2.14e-03	-0.34	-1.49e-04	2.97e-04	0.0
382	231	-4.77e-03	-0.01	-0.89	-1.26e-05	7.86e-04	0.0
382	281	-0.04	-8.87e-04	-0.28	1.46e-04	2.39e-04	0.0
382	313	-0.03	5.16e-04	-0.29	1.49e-04	2.43e-04	0.0
382	316	-1.12e-03	-7.73e-03	-0.74	2.81e-05	6.52e-04	0.0
382	324	1.79e-03	-1.13e-03	-0.31	1.48e-04	2.55e-04	0.0
382	325	0.03	2.43e-03	-0.26	1.26e-04	2.08e-04	0.0
382	331	-0.02	2.74e-03	-0.37	1.78e-04	3.05e-04	0.0
382	356	-6.53e-03	-0.02	-0.32	1.41e-04	2.62e-04	0.0
382	361	0.01	1.35e-03	-0.29	1.37e-04	2.31e-04	0.0
382	363	-9.75e-03	7.88e-04	-0.34	1.63e-04	2.81e-04	0.0
382	388	-2.40e-03	-8.59e-03	-0.32	1.45e-04	2.58e-04	0.0
383	49	-0.02	5.09e-04	-1.86	-1.37e-03	4.05e-06	0.0
383	132	0.01	-3.13e-03	-0.41	-2.72e-04	-2.55e-06	0.0
383	187	-0.06	5.59e-04	-0.66	-5.15e-04	1.69e-05	0.0
383	231	-0.01	6.13e-04	-1.17	-7.66e-04	2.84e-06	0.0
383	272	8.18e-03	-1.69e-03	-0.39	-2.64e-04	-1.93e-06	0.0
383	300	-0.05	6.13e-04	-0.29	-1.35e-04	1.23e-05	0.0
383	313	-0.03	1.67e-03	-0.29	-1.41e-04	8.92e-06	0.0
383	316	-8.29e-03	1.92e-03	-0.96	-6.12e-04	1.83e-06	0.0
383	324	-9.01e-06	1.16e-03	-0.33	-1.60e-04	0.0	0.0
383	335	-0.02	4.85e-03	-0.38	-1.85e-04	-6.26e-06	0.0
383	340	-0.02	-2.83e-03	-0.38	-1.93e-04	-1.10e-05	0.0
383	351	-6.81e-03	0.02	-0.34	-1.54e-04	8.60e-06	0.0
383	367	-0.01	2.72e-03	-0.35	-1.73e-04	-1.10e-06	0.0
383	372	-0.01	-8.16e-04	-0.35	-1.77e-04	-5.52e-06	0.0
383	383	-3.45e-03	8.80e-03	-0.33	-1.57e-04	4.26e-06	0.0
384	49	-0.02	-0.02	-1.35	-2.48e-04	3.99e-06	0.0
384	149	-0.06	-2.91e-03	-0.48	-5.60e-05	7.66e-06	0.0
384	231	-0.01	-0.01	-0.93	1.44e-05	2.99e-06	0.0
384	281	-0.04	-9.97e-04	-0.29	1.57e-04	5.70e-06	0.0
384	313	-0.03	4.55e-04	-0.30	1.60e-04	3.70e-06	0.0
384	316	-8.27e-03	-8.22e-03	-0.78	5.14e-05	1.69e-06	0.0
384	324	-9.01e-06	-1.16e-03	-0.33	1.60e-04	0.0	0.0
384	328	-0.02	-4.85e-03	-0.38	1.85e-04	-6.27e-06	0.0
384	331	-0.02	2.83e-03	-0.38	1.93e-04	-1.10e-05	0.0
384	356	-6.81e-03	-0.02	-0.34	1.54e-04	8.60e-06	0.0
384	360	-0.01	-2.72e-03	-0.35	1.73e-04	-1.10e-06	0.0
384	363	-0.01	8.16e-04	-0.35	1.77e-04	-5.52e-06	0.0
384	388	-3.45e-03	-8.80e-03	-0.33	1.57e-04	4.26e-06	0.0
385	49	-0.04	7.01e-05	-1.78	-1.28e-03	-1.53e-03	0.0
385	132	8.74e-03	-3.10e-03	-0.39	-2.56e-04	-3.21e-04	0.0
385	149	-0.06	-6.06e-04	-0.64	-5.05e-04	-5.08e-04	0.0
385	231	-0.03	2.94e-04	-1.12	-7.10e-04	-9.83e-04	0.0
385	272	6.31e-03	-1.67e-03	-0.38	-2.47e-04	-3.11e-04	0.0
385	281	-0.05	-1.69e-04	-0.28	-1.36e-04	-2.22e-04	0.0
385	313	-0.03	1.56e-03	-0.28	-1.30e-04	-2.27e-04	0.0
385	316	-0.02	1.65e-03	-0.91	-5.67e-04	-7.99e-04	0.0
385	319	0.01	1.70e-03	-0.28	-1.28e-04	-2.42e-04	0.0
385	324	-1.81e-03	1.13e-03	-0.31	-1.48e-04	-2.55e-04	0.0
385	340	-0.03	-2.79e-03	-0.37	-1.79e-04	-3.00e-04	0.0

385	351	-8.33e-03	0.02	-0.32	-1.41e-04	-2.51e-04	0.0
385	368	-0.01	1.45e-04	-0.34	-1.63e-04	-2.78e-04	0.0
385	372	-0.01	-8.13e-04	-0.34	-1.64e-04	-2.78e-04	0.0
385	383	-5.11e-03	8.61e-03	-0.32	-1.44e-04	-2.53e-04	0.0
386	49	-0.03	-0.02	-1.29	-2.79e-04	-1.13e-03	0.0
386	187	-0.06	-1.86e-03	-0.47	-5.16e-05	-3.86e-04	0.0
386	231	-0.02	-0.01	-0.89	-1.26e-05	-7.80e-04	0.0
386	300	-0.05	-3.89e-04	-0.28	1.55e-04	-2.30e-04	0.0
386	313	-0.03	3.90e-04	-0.29	1.47e-04	-2.35e-04	0.0
386	316	-0.02	-7.73e-03	-0.75	2.81e-05	-6.49e-04	0.0
386	324	-1.81e-03	-1.13e-03	-0.31	1.48e-04	-2.55e-04	0.0
386	331	-0.03	2.79e-03	-0.37	1.79e-04	-3.00e-04	0.0
386	356	-8.33e-03	-0.02	-0.32	1.41e-04	-2.51e-04	0.0
386	359	-0.01	-1.45e-04	-0.34	1.63e-04	-2.78e-04	0.0
386	363	-0.01	8.13e-04	-0.34	1.64e-04	-2.78e-04	0.0
386	388	-5.11e-03	-8.61e-03	-0.32	1.44e-04	-2.53e-04	0.0
387	49	-0.06	3.05e-04	0.11	-2.88e-05	-4.31e-03	5.05e-05
387	122	-5.11e-03	-1.41e-03	0.02	-2.16e-06	-7.49e-04	1.75e-05
387	231	-0.04	-5.04e-04	0.07	-1.37e-05	-2.74e-03	2.60e-05
387	267	-3.50e-03	-8.49e-04	0.02	-3.86e-06	-7.68e-04	1.61e-05
387	311	0.01	6.20e-04	0.02	-6.34e-06	-8.71e-04	2.05e-05
387	316	-0.03	2.23e-04	0.06	-1.19e-05	-2.24e-03	2.11e-05
387	324	-3.15e-04	2.40e-04	0.02	-4.17e-06	-7.57e-04	1.25e-05
387	330	0.03	-1.52e-03	0.02	0.0	-6.22e-04	2.41e-05
387	340	-0.03	-1.83e-03	0.02	-1.42e-06	-9.02e-04	1.39e-05
387	353	9.36e-03	6.49e-03	0.02	-1.58e-05	-7.00e-04	-5.88e-06
387	362	0.01	-6.35e-04	0.02	-1.97e-06	-6.87e-04	1.83e-05
387	367	-0.01	7.28e-04	0.02	-5.76e-06	-8.32e-04	8.39e-06
387	385	4.56e-03	3.35e-03	0.02	-9.96e-06	-7.28e-04	3.36e-06
388	49	-0.06	6.02e-04	0.11	-1.78e-04	-4.47e-03	0.0
388	187	-0.06	1.55e-03	0.03	-1.14e-04	-1.53e-03	0.0
388	231	-0.05	-3.87e-04	0.07	-9.86e-05	-2.83e-03	0.0
388	289	0.01	9.00e-04	0.03	-8.54e-05	-1.19e-03	0.0
388	311	0.01	9.03e-04	0.02	-6.78e-05	-9.17e-04	0.0
388	316	-0.03	3.60e-04	0.06	-8.88e-05	-2.31e-03	0.0
388	324	-1.92e-03	4.18e-04	0.02	-5.74e-05	-7.89e-04	0.0
388	330	0.02	-1.29e-03	0.02	-4.71e-05	-6.51e-04	0.0
388	340	-0.03	-1.64e-03	0.01	-5.70e-05	-9.39e-04	0.0
388	353	9.06e-03	6.55e-03	0.02	-7.37e-05	-7.28e-04	0.0
388	362	0.01	-4.29e-04	0.02	-5.23e-05	-7.18e-04	0.0
388	372	-0.02	-6.05e-04	0.02	-5.72e-05	-8.66e-04	0.0
388	385	3.61e-03	3.47e-03	0.02	-6.55e-05	-7.58e-04	0.0
389	97	-0.01	-1.52e-03	-0.29	-2.09e-04	-1.46e-03	2.88e-05
389	127	-0.01	-7.47e-04	-0.80	-4.93e-04	-3.91e-03	8.28e-05
389	150	-0.01	-2.11e-03	-0.24	-1.92e-04	-1.21e-03	3.38e-05
389	270	-8.38e-03	-4.77e-04	-0.59	-3.63e-04	-2.89e-03	6.08e-05
389	282	-6.96e-03	-1.15e-03	-0.14	-5.95e-05	-6.82e-04	4.12e-06
389	310	-4.97e-03	-5.37e-04	-0.15	-5.62e-05	-7.40e-04	2.42e-06
389	311	-6.00e-03	2.85e-04	-0.45	-2.45e-04	-2.21e-03	3.53e-05
389	322	-6.69e-03	-8.09e-05	-0.13	-4.94e-05	-6.72e-04	-2.68e-06
389	324	-4.79e-03	-4.92e-05	-0.15	-5.63e-05	-7.39e-04	0.0
389	333	-9.47e-04	1.50e-03	-0.20	-7.78e-05	-9.97e-04	-2.71e-06
389	336	-8.64e-03	-1.60e-03	-0.10	-3.47e-05	-4.82e-04	2.71e-06
389	344	-7.01e-03	-3.11e-03	-0.13	-3.12e-05	-6.45e-04	1.56e-05
389	368	-6.71e-03	-7.78e-04	-0.12	-4.73e-05	-6.10e-04	1.15e-06
389	369	-2.90e-03	5.96e-04	-0.18	-6.52e-05	-8.68e-04	0.0
389	376	-5.88e-03	-1.41e-03	-0.14	-5.05e-05	-7.02e-04	7.12e-06
390	97	-0.01	-7.98e-04	-0.27	-1.20e-04	-1.34e-03	3.80e-05
390	127	-9.26e-03	-1.93e-03	-0.74	-3.07e-04	-3.59e-03	8.64e-05
390	128	-7.41e-03	-1.95e-03	-0.68	-3.04e-04	-3.31e-03	8.51e-05
390	255	-7.82e-03	-1.95e-04	-0.12	9.69e-06	-6.29e-04	1.53e-06
390	270	-6.80e-03	-1.36e-03	-0.55	-2.27e-04	-2.66e-03	6.36e-05
390	310	-4.85e-03	-4.55e-04	-0.15	2.91e-06	-7.25e-04	4.56e-06
390	311	-5.16e-03	-4.54e-04	-0.42	-1.34e-04	-2.06e-03	3.62e-05
390	322	-6.75e-03	2.26e-04	-0.13	7.48e-06	-6.62e-04	0.0
390	324	-4.81e-03	1.52e-05	-0.15	2.62e-06	-7.25e-04	1.97e-06
390	333	-1.31e-03	9.81e-04	-0.20	-6.71e-06	-9.73e-04	-4.69e-06
390	336	-8.30e-03	-9.51e-04	-0.10	1.20e-05	-4.77e-04	8.63e-06
390	341	-3.49e-03	2.80e-03	-0.16	-1.69e-05	-8.06e-04	-1.61e-05
390	368	-6.55e-03	-4.19e-04	-0.12	5.51e-06	-5.99e-04	5.09e-06
390	369	-3.07e-03	3.69e-04	-0.17	0.0	-8.52e-04	0.0
390	373	-4.17e-03	1.24e-03	-0.15	-1.17e-06	-7.63e-04	-6.38e-06
391	97	-0.01	-3.85e-04	-0.24	-1.62e-04	-1.22e-03	3.21e-05
391	127	-7.23e-03	-3.37e-03	-0.68	-4.24e-04	-3.28e-03	1.09e-04
391	165	-7.27e-03	-3.08e-03	-0.68	-4.20e-04	-3.29e-03	1.06e-04
391	255	-7.75e-03	9.04e-05	-0.12	0.0	-6.33e-04	-3.40e-06
391	270	-5.30e-03	-2.44e-03	-0.50	-3.14e-04	-2.43e-03	8.06e-05

396	324	-4.62e-03	-3.83e-04	-0.21	5.64e-05	-6.20e-04	8.23e-06
396	326	7.61e-04	-2.37e-03	-0.29	8.43e-05	-8.25e-04	1.06e-05
396	327	-0.01	1.61e-03	-0.14	2.84e-05	-4.15e-04	5.81e-06
396	346	-1.63e-03	-4.98e-03	-0.24	8.99e-05	-6.67e-04	2.56e-05
396	359	-7.30e-03	5.39e-04	-0.18	4.54e-05	-5.13e-04	7.38e-06
396	362	-1.97e-03	-1.18e-03	-0.25	6.74e-05	-7.27e-04	8.69e-06
396	378	-3.21e-03	-2.42e-03	-0.23	6.24e-05	-6.49e-04	1.57e-05
397	50	-0.06	7.04e-04	0.04	-9.29e-06	1.15e-03	-3.59e-05
397	73	0.03	3.12e-04	0.12	-2.87e-05	4.31e-03	-5.08e-05
397	122	-4.47e-03	-1.39e-03	0.02	-1.93e-06	7.36e-04	-1.81e-05
397	231	-0.04	-1.37e-04	0.02	-1.63e-06	6.15e-04	-1.88e-05
397	243	0.03	-5.01e-04	0.07	-1.36e-05	2.74e-03	-2.62e-05
397	267	-2.86e-03	-8.40e-04	0.02	-3.71e-06	7.60e-04	-1.65e-05
397	311	0.02	6.19e-04	0.02	-6.25e-06	8.57e-04	-2.10e-05
397	316	-0.03	4.92e-04	0.02	-2.95e-06	6.51e-04	-1.54e-05
397	319	0.02	2.19e-04	0.06	-1.19e-05	2.24e-03	-2.09e-05
397	324	3.06e-04	2.40e-04	0.02	-4.17e-06	7.57e-04	-1.25e-05
397	337	0.03	2.27e-03	0.02	-7.32e-06	7.34e-04	-1.42e-05
397	340	-0.03	-1.79e-03	0.02	-1.02e-06	7.80e-04	-1.08e-05
397	353	9.95e-03	6.48e-03	0.02	-1.55e-05	2.72e-04	-3.03e-06
397	366	0.01	-2.69e-04	0.02	-2.86e-06	7.42e-04	-1.70e-05
397	372	-0.01	-7.70e-04	0.02	-2.60e-06	7.69e-04	-1.16e-05
397	385	5.17e-03	3.34e-03	0.02	-9.78e-06	7.60e-04	-7.80e-06
398	50	-0.05	-5.29e-04	-4.59e-03	-8.44e-05	1.24e-03	0.0
398	73	0.04	-1.39e-03	-0.02	-1.93e-04	4.49e-03	0.0
398	121	-1.61e-03	-2.12e-03	-7.93e-03	-8.35e-05	1.08e-03	0.0
398	231	-0.04	-8.25e-04	-1.97e-03	-5.29e-05	6.58e-04	0.0
398	243	0.03	-1.40e-03	-0.01	-1.07e-04	2.84e-03	0.0
398	244	0.02	-1.57e-03	-0.01	-9.47e-05	2.33e-03	0.0
398	310	2.18e-03	-1.02e-03	-6.30e-03	-5.87e-05	7.95e-04	0.0
398	316	-0.03	-8.14e-05	-3.66e-03	-5.53e-05	6.92e-04	0.0
398	319	0.02	-5.14e-04	-0.01	-9.59e-05	2.33e-03	0.0
398	324	2.00e-03	-2.25e-04	-6.62e-03	-5.97e-05	7.95e-04	0.0
398	334	0.03	-1.85e-03	-8.99e-03	-4.99e-05	7.60e-04	0.0
398	337	0.03	1.63e-03	-0.01	-6.20e-05	7.74e-04	0.0
398	352	-5.22e-03	-6.69e-03	-2.49e-03	-4.29e-05	7.87e-04	0.0
398	366	0.02	-9.16e-04	-7.95e-03	-5.59e-05	7.80e-04	0.0
398	369	0.02	6.96e-04	-8.75e-03	-6.08e-05	7.84e-04	0.0
398	384	-1.66e-03	-3.44e-03	-4.56e-03	-5.13e-05	7.91e-04	0.0
399	50	-0.05	1.22e-03	0.03	-7.81e-05	1.22e-03	0.0
399	73	0.04	6.15e-04	0.11	-1.77e-04	4.47e-03	0.0
399	187	-0.05	1.58e-03	0.04	-1.16e-04	1.57e-03	0.0
399	231	-0.04	1.95e-04	0.02	-5.05e-05	6.51e-04	0.0
399	243	0.03	-3.80e-04	0.07	-9.85e-05	2.83e-03	0.0
399	289	0.02	9.26e-04	0.02	-8.49e-05	1.16e-03	0.0
399	311	0.02	9.09e-04	0.02	-6.77e-05	9.03e-04	0.0
399	316	-0.03	7.82e-04	0.02	-5.30e-05	6.86e-04	0.0
399	319	0.02	3.51e-04	0.06	-8.90e-05	2.32e-03	0.0
399	324	1.91e-03	4.18e-04	0.02	-5.74e-05	7.89e-04	0.0
399	334	0.03	-7.87e-04	0.01	-4.79e-05	7.54e-04	0.0
399	340	-0.03	-1.62e-03	0.02	-5.51e-05	8.11e-04	0.0
399	353	9.26e-03	6.57e-03	0.01	-7.38e-05	7.97e-04	0.0
399	366	0.02	-6.00e-05	0.02	-5.36e-05	7.74e-04	0.0
399	372	-0.01	-5.95e-04	0.02	-5.62e-05	8.00e-04	0.0
399	385	5.64e-03	3.47e-03	0.02	-6.56e-05	7.93e-04	0.0
400	50	-0.06	-5.31e-04	0.03	-1.06e-05	1.06e-03	2.60e-05
400	73	0.03	-7.18e-04	0.11	-1.66e-05	3.97e-03	2.76e-06
400	121	-4.37e-03	-1.99e-03	0.03	-1.37e-06	1.00e-03	1.18e-05
400	231	-0.04	-9.08e-04	0.02	-3.34e-06	6.17e-04	2.01e-05
400	243	0.02	-9.94e-04	0.07	-7.04e-06	2.57e-03	0.0
400	267	-2.87e-03	-1.35e-03	0.02	-1.12e-06	7.40e-04	8.82e-06
400	310	3.04e-04	-9.47e-04	0.02	-1.47e-06	7.40e-04	9.31e-06
400	316	-0.03	-1.59e-04	0.02	-3.66e-06	6.47e-04	1.82e-05
400	319	0.02	-2.23e-04	0.06	-6.43e-06	2.11e-03	3.18e-06
400	324	3.03e-04	-1.87e-04	0.02	-2.26e-06	7.40e-04	1.01e-05
400	334	0.03	-1.81e-03	0.02	0.0	7.11e-04	1.11e-05
400	340	-0.03	-2.03e-03	0.02	0.0	7.66e-04	6.43e-06
400	350	8.31e-03	-6.70e-03	0.02	6.82e-06	7.35e-04	7.03e-06
400	366	0.01	-8.65e-04	0.02	-1.54e-06	7.27e-04	1.02e-05
400	372	-0.01	-1.10e-03	0.02	0.0	7.53e-04	8.27e-06
400	382	4.35e-03	-3.42e-03	0.02	2.25e-06	3.73e-04	8.59e-06
401	50	-0.05	2.66e-04	0.03	-1.88e-06	9.46e-04	-1.73e-05
401	73	0.03	1.58e-05	0.10	-7.00e-06	3.65e-03	-4.09e-05
401	122	-4.49e-03	-1.56e-03	0.02	3.80e-06	7.20e-04	-1.17e-05
401	231	-0.04	-3.79e-04	0.02	3.73e-06	6.32e-04	-8.60e-06
401	243	0.02	-6.18e-04	0.07	0.0	2.42e-03	-2.33e-05
401	267	-2.87e-03	-9.73e-04	0.02	3.40e-06	7.39e-04	-1.13e-05

406	231	-0.03	7.04e-04	-0.07	8.09e-05	7.59e-04	0.0
406	243	0.02	-2.25e-03	-0.23	1.90e-05	2.36e-03	0.0
406	316	-0.02	1.43e-03	-0.07	8.01e-05	7.79e-04	0.0
406	319	0.02	-7.78e-04	-0.19	3.36e-05	1.98e-03	0.0
406	324	3.05e-03	6.02e-04	-0.08	7.98e-05	8.38e-04	0.0
406	325	0.03	2.77e-03	-0.08	6.87e-05	8.09e-04	0.0
406	346	9.58e-03	-5.68e-03	-0.09	1.06e-04	8.64e-04	0.0
406	353	0.01	8.05e-03	-0.08	5.93e-05	8.44e-04	0.0
406	357	0.02	1.57e-03	-0.08	7.64e-05	8.30e-04	0.0
406	385	7.99e-03	4.30e-03	-0.08	6.96e-05	8.41e-04	0.0
406	386	6.72e-03	-3.02e-03	-0.09	8.92e-05	8.30e-04	0.0
407	50	-0.05	-1.29e-03	-0.25	-2.26e-04	1.28e-03	0.0
407	73	0.04	-2.47e-03	-0.87	-5.97e-04	4.31e-03	0.0
407	131	0.02	-3.37e-03	-0.25	-2.14e-04	1.24e-03	0.0
407	231	-0.03	-8.92e-04	-0.13	-8.85e-05	6.85e-04	0.0
407	243	0.03	-1.75e-03	-0.54	-3.18e-04	2.70e-03	0.0
407	272	0.02	-2.29e-03	-0.19	-1.55e-04	9.16e-04	0.0
407	310	4.11e-03	-1.28e-03	-0.16	-1.05e-04	7.71e-04	0.0
407	319	0.02	-4.46e-04	-0.45	-2.65e-04	2.22e-03	0.0
407	324	3.89e-03	-8.89e-05	-0.16	-1.05e-04	7.69e-04	0.0
407	334	0.03	-2.58e-03	-0.16	-9.23e-05	7.50e-04	0.0
407	341	0.01	7.39e-03	-0.17	-1.34e-04	7.94e-04	0.0
407	350	0.01	-8.37e-03	-0.15	-8.19e-05	7.77e-04	0.0
407	366	0.02	-1.22e-03	-0.16	-1.02e-04	7.66e-04	0.0
407	381	7.58e-03	3.96e-03	-0.16	-1.16e-04	7.62e-04	0.0
407	382	8.88e-03	-4.21e-03	-0.16	-9.36e-05	7.73e-04	0.0
408	50	-0.05	7.19e-04	-0.17	-4.42e-05	8.64e-04	0.0
408	73	0.03	-6.39e-03	-0.63	-1.46e-04	3.14e-03	0.0
408	74	0.03	-6.40e-03	-0.57	-2.07e-04	2.84e-03	0.0
408	231	-0.03	4.60e-04	-0.14	1.08e-04	7.04e-04	0.0
408	243	0.02	-4.82e-03	-0.44	-1.29e-05	2.17e-03	0.0
408	319	0.02	-2.70e-03	-0.37	1.63e-05	1.82e-03	0.0
408	321	0.02	1.09e-03	-0.15	1.04e-04	7.17e-04	0.0
408	324	3.89e-03	8.89e-05	-0.16	1.05e-04	7.69e-04	0.0
408	325	0.03	2.58e-03	-0.16	9.15e-05	7.50e-04	0.0
408	346	0.01	-7.36e-03	-0.17	1.37e-04	7.95e-04	0.0
408	353	0.01	8.37e-03	-0.15	8.19e-05	7.77e-04	0.0
408	357	0.02	1.22e-03	-0.16	1.02e-04	7.66e-04	0.0
408	385	8.88e-03	4.21e-03	-0.16	9.36e-05	7.73e-04	0.0
408	386	7.58e-03	-3.96e-03	-0.16	1.16e-04	7.62e-04	0.0
409	50	-0.04	-8.12e-04	-0.36	-2.94e-04	1.08e-03	0.0
409	73	0.04	-1.73e-03	-1.24	-8.19e-04	3.68e-03	0.0
409	132	0.02	-3.25e-03	-0.27	-1.89e-04	7.87e-04	0.0
409	231	-0.03	-2.65e-04	-0.19	-9.49e-05	5.76e-04	0.0
409	243	0.02	-1.13e-03	-0.78	-4.34e-04	2.31e-03	0.0
409	272	0.02	-2.00e-03	-0.27	-1.86e-04	7.62e-04	0.0
409	316	-0.02	9.31e-04	-0.20	-1.00e-04	5.89e-04	0.0
409	319	0.02	2.85e-04	-0.64	-3.54e-04	1.89e-03	0.0
409	321	0.02	8.03e-04	-0.20	-1.04e-04	5.83e-04	0.0
409	324	3.86e-03	4.85e-04	-0.22	-1.16e-04	6.36e-04	0.0
409	334	0.03	-2.27e-03	-0.22	-1.02e-04	6.24e-04	0.0
409	345	0.01	9.03e-03	-0.23	-1.49e-04	6.61e-04	0.0
409	351	-6.03e-03	9.53e-03	-0.23	-1.36e-04	6.22e-04	0.0
409	366	0.02	-7.89e-04	-0.22	-1.13e-04	6.36e-04	0.0
409	383	-1.12e-03	4.98e-03	-0.22	-1.26e-04	6.29e-04	0.0
409	385	7.69e-03	4.93e-03	-0.23	-1.25e-04	6.28e-04	0.0
410	50	-0.04	-2.42e-04	-0.24	-9.67e-05	7.21e-04	0.0
410	73	0.03	-0.01	-0.90	-2.68e-04	2.66e-03	0.0
410	231	-0.03	1.06e-05	-0.20	1.20e-04	5.86e-04	0.0
410	243	0.02	-7.42e-03	-0.62	-5.65e-05	1.84e-03	0.0
410	319	0.02	-4.68e-03	-0.52	-1.31e-05	1.54e-03	0.0
410	321	0.02	6.96e-04	-0.21	1.17e-04	5.96e-04	0.0
410	324	3.86e-03	-4.85e-04	-0.22	1.16e-04	6.36e-04	0.0
410	325	0.03	2.26e-03	-0.22	1.02e-04	6.24e-04	0.0
410	342	0.01	-9.02e-03	-0.23	1.51e-04	6.60e-04	0.0
410	356	-6.03e-03	-9.53e-03	-0.23	1.36e-04	6.22e-04	0.0
410	357	0.02	7.89e-04	-0.22	1.13e-04	6.36e-04	0.0
410	382	7.69e-03	-4.93e-03	-0.23	1.25e-04	6.28e-04	0.0
410	388	-1.12e-03	-4.98e-03	-0.22	1.26e-04	6.29e-04	0.0
411	50	-0.04	-5.05e-04	-0.45	-3.49e-04	8.07e-04	0.0
411	73	0.03	-1.00e-03	-1.54	-1.03e-03	2.81e-03	0.0
411	132	0.02	-3.14e-03	-0.34	-2.18e-04	5.83e-04	0.0
411	231	-0.03	2.24e-04	-0.24	-1.02e-04	4.35e-04	0.0
411	243	0.02	-4.84e-04	-0.97	-5.55e-04	1.78e-03	0.0
411	272	0.02	-1.75e-03	-0.33	-2.11e-04	5.66e-04	0.0
411	316	-0.02	1.51e-03	-0.25	-1.07e-04	4.43e-04	0.0
411	319	0.02	9.75e-04	-0.80	-4.47e-04	1.45e-03	0.0

411	321	0.02	1.41e-03	-0.25	-1.11e-04	4.34e-04	0.0
411	324	3.17e-03	9.54e-04	-0.27	-1.26e-04	4.72e-04	0.0
411	334	0.03	-1.99e-03	-0.27	-1.12e-04	4.61e-04	0.0
411	347	-7.58e-03	0.01	-0.29	-1.64e-04	4.97e-04	0.0
411	351	-6.60e-03	0.01	-0.27	-1.38e-04	4.55e-04	0.0
411	366	0.02	-4.29e-04	-0.27	-1.26e-04	4.72e-04	0.0
411	380	-3.38e-04	-3.45e-03	-0.28	-1.32e-04	4.79e-04	0.0
411	383	-1.75e-03	5.74e-03	-0.27	-1.32e-04	4.64e-04	0.0
412	50	-0.04	-1.15e-03	-0.30	-1.36e-04	5.42e-04	0.0
412	73	0.02	-0.01	-1.12	-3.32e-04	2.05e-03	0.0
412	231	-0.03	-4.29e-04	-0.25	1.30e-04	4.38e-04	0.0
412	243	0.01	-9.70e-03	-0.77	-6.84e-05	1.42e-03	0.0
412	319	0.01	-6.42e-03	-0.65	-1.94e-05	1.18e-03	0.0
412	321	0.02	3.67e-04	-0.26	1.27e-04	4.45e-04	0.0
412	324	3.17e-03	-9.54e-04	-0.27	1.26e-04	4.72e-04	0.0
412	325	0.03	1.99e-03	-0.27	1.11e-04	4.61e-04	0.0
412	344	-7.86e-03	-0.01	-0.29	1.65e-04	4.96e-04	0.0
412	356	-6.60e-03	-0.01	-0.27	1.38e-04	4.55e-04	0.0
412	357	0.02	4.29e-04	-0.27	1.26e-04	4.72e-04	0.0
412	375	-3.38e-04	3.45e-03	-0.28	1.32e-04	4.79e-04	0.0
412	388	-1.75e-03	-5.74e-03	-0.27	1.32e-04	4.64e-04	0.0
413	49	-0.05	-9.28e-04	-0.46	-3.68e-04	-1.31e-03	0.0
413	73	-0.05	-1.73e-03	-1.24	-8.19e-04	-3.67e-03	0.0
413	152	-0.04	-3.31e-03	-0.27	-1.88e-04	-7.78e-04	0.0
413	231	-0.03	-5.32e-04	-0.20	-9.98e-05	-5.61e-04	0.0
413	243	-0.03	-1.13e-03	-0.78	-4.34e-04	-2.31e-03	0.0
413	282	-0.03	-2.05e-03	-0.21	-1.18e-04	-5.93e-04	0.0
413	316	-0.02	7.32e-04	-0.20	-1.04e-04	-5.79e-04	0.0
413	319	-0.02	2.85e-04	-0.64	-3.54e-04	-1.89e-03	0.0
413	321	0.02	1.01e-03	-0.20	-1.00e-04	-5.92e-04	0.0
413	324	-3.86e-03	4.85e-04	-0.22	-1.16e-04	-6.36e-04	0.0
413	335	-0.03	2.87e-03	-0.23	-1.20e-04	-6.23e-04	0.0
413	341	7.39e-04	9.08e-03	-0.23	-1.43e-04	-6.09e-04	0.0
413	347	-0.02	8.97e-03	-0.23	-1.41e-04	-6.06e-04	0.0
413	372	-0.02	-7.89e-04	-0.22	-1.13e-04	-6.36e-04	0.0
413	373	1.12e-03	4.98e-03	-0.22	-1.26e-04	-6.29e-04	0.0
413	379	-7.69e-03	4.93e-03	-0.23	-1.25e-04	-6.28e-04	0.0
414	49	-0.05	-3.59e-04	-0.56	-4.28e-04	-9.66e-04	0.0
414	73	-0.04	-1.00e-03	-1.54	-1.03e-03	-2.81e-03	0.0
414	152	-0.04	-3.21e-03	-0.33	-2.17e-04	-5.76e-04	0.0
414	231	-0.03	-8.21e-06	-0.24	-1.06e-04	-4.17e-04	0.0
414	243	-0.02	-4.84e-04	-0.97	-5.55e-04	-1.78e-03	0.0
414	282	-0.03	-1.76e-03	-0.26	-1.27e-04	-4.42e-04	0.0
414	316	-0.02	1.33e-03	-0.25	-1.10e-04	-4.31e-04	0.0
414	319	-0.02	9.75e-04	-0.80	-4.47e-04	-1.45e-03	0.0
414	321	0.02	1.59e-03	-0.25	-1.07e-04	-4.45e-04	0.0
414	324	-3.17e-03	9.54e-04	-0.27	-1.26e-04	-4.72e-04	0.0
414	335	-0.03	3.62e-03	-0.28	-1.32e-04	-4.60e-04	0.0
414	341	2.11e-03	0.01	-0.28	-1.58e-04	-4.47e-04	0.0
414	345	2.25e-03	0.01	-0.28	-1.58e-04	-4.47e-04	0.0
414	372	-0.02	-4.29e-04	-0.27	-1.26e-04	-4.72e-04	0.0
414	373	1.75e-03	5.74e-03	-0.27	-1.32e-04	-4.64e-04	0.0
414	386	3.37e-04	-3.45e-03	-0.28	-1.32e-04	-4.79e-04	0.0
415	49	-0.05	-1.91e-03	-0.41	-6.97e-05	-7.14e-04	0.0
415	73	-0.03	-0.01	-1.12	-3.32e-04	-2.04e-03	0.0
415	231	-0.03	-6.56e-04	-0.25	1.26e-04	-4.29e-04	0.0
415	243	-0.02	-9.70e-03	-0.77	-6.84e-05	-1.41e-03	0.0
415	316	-0.02	3.69e-04	-0.25	1.26e-04	-4.42e-04	0.0
415	319	-0.01	-6.42e-03	-0.65	-1.94e-05	-1.18e-03	0.0
415	324	-3.17e-03	-9.54e-04	-0.27	1.26e-04	-4.72e-04	0.0
415	328	-0.03	-3.62e-03	-0.28	1.31e-04	-4.59e-04	0.0
415	342	1.87e-03	-0.01	-0.28	1.56e-04	-4.47e-04	0.0
415	346	1.73e-03	-0.01	-0.28	1.56e-04	-4.47e-04	0.0
415	363	-0.02	4.29e-04	-0.27	1.26e-04	-4.72e-04	0.0
415	378	1.75e-03	-5.74e-03	-0.27	1.32e-04	-4.64e-04	0.0
415	381	3.37e-04	3.45e-03	-0.28	1.32e-04	-4.79e-04	0.0
416	49	-0.05	-8.32e-04	-0.33	-3.57e-05	-9.51e-04	0.0
416	73	-0.04	-0.01	-0.90	-2.68e-04	-2.66e-03	0.0
416	231	-0.03	-2.46e-04	-0.20	1.15e-04	-5.74e-04	0.0
416	243	-0.02	-7.42e-03	-0.62	-5.65e-05	-1.84e-03	0.0
416	316	-0.02	7.03e-04	-0.21	1.16e-04	-5.92e-04	0.0
416	319	-0.02	-4.68e-03	-0.52	-1.31e-05	-1.54e-03	0.0
416	324	-3.86e-03	-4.85e-04	-0.22	1.16e-04	-6.36e-04	0.0
416	328	-0.03	-2.87e-03	-0.23	1.20e-04	-6.23e-04	0.0
416	344	-0.02	-8.97e-03	-0.23	1.40e-04	-6.06e-04	0.0
416	346	3.32e-04	-9.08e-03	-0.23	1.42e-04	-6.09e-04	0.0
416	363	-0.02	7.89e-04	-0.22	1.13e-04	-6.36e-04	0.0

416	376	-7.69e-03	-4.93e-03	-0.23	1.25e-04	-6.28e-04	0.0
416	378	1.12e-03	-4.98e-03	-0.22	1.26e-04	-6.29e-04	0.0
417	73	-0.05	-2.47e-03	-0.87	-5.97e-04	-4.31e-03	0.0
417	151	-0.04	-3.43e-03	-0.25	-2.13e-04	-1.23e-03	0.0
417	243	-0.03	-1.75e-03	-0.54	-3.18e-04	-2.70e-03	0.0
417	282	-0.03	-2.36e-03	-0.15	-1.06e-04	-7.13e-04	0.0
417	310	-4.11e-03	-1.28e-03	-0.16	-1.05e-04	-7.71e-04	0.0
417	319	-0.02	-4.46e-04	-0.45	-2.65e-04	-2.22e-03	0.0
417	324	-3.89e-03	-8.89e-05	-0.16	-1.05e-04	-7.69e-04	0.0
417	335	-0.03	2.06e-03	-0.16	-1.08e-04	-7.67e-04	0.0
417	343	-0.02	7.76e-03	-0.16	-1.26e-04	-7.96e-04	0.0
417	344	-7.87e-03	-8.08e-03	-0.15	-8.24e-05	-7.37e-04	0.0
417	372	-0.02	-1.22e-03	-0.16	-1.02e-04	-7.66e-04	0.0
417	375	-7.58e-03	3.96e-03	-0.16	-1.16e-04	-7.62e-04	0.0
417	376	-8.88e-03	-4.21e-03	-0.16	-9.36e-05	-7.73e-04	0.0
418	49	-0.05	4.49e-04	-0.23	1.15e-05	-1.14e-03	0.0
418	73	-0.04	-6.39e-03	-0.63	-1.46e-04	-3.14e-03	0.0
418	74	-0.04	-6.40e-03	-0.57	-2.07e-04	-2.84e-03	0.0
418	231	-0.03	2.52e-04	-0.14	1.04e-04	-6.89e-04	0.0
418	243	-0.03	-4.81e-03	-0.44	-1.29e-05	-2.17e-03	0.0
418	316	-0.02	1.10e-03	-0.15	1.04e-04	-7.11e-04	0.0
418	319	-0.02	-2.70e-03	-0.37	1.63e-05	-1.82e-03	0.0
418	324	-3.89e-03	8.89e-05	-0.16	1.05e-04	-7.69e-04	0.0
418	328	-0.03	-2.06e-03	-0.16	1.08e-04	-7.67e-04	0.0
418	347	-7.44e-03	8.07e-03	-0.15	8.29e-05	-7.37e-04	0.0
418	348	-0.02	-7.75e-03	-0.16	1.25e-04	-7.95e-04	0.0
418	363	-0.02	1.22e-03	-0.16	1.02e-04	-7.66e-04	0.0
418	379	-8.88e-03	4.21e-03	-0.16	9.36e-05	-7.73e-04	0.0
418	380	-7.58e-03	-3.96e-03	-0.16	1.16e-04	-7.62e-04	0.0
419	73	-0.05	-3.22e-03	-0.45	-3.54e-04	-4.63e-03	0.0
419	151	-0.03	-3.62e-03	-0.13	-1.48e-04	-1.32e-03	0.0
419	243	-0.04	-2.31e-03	-0.28	-1.92e-04	-2.91e-03	0.0
419	282	-0.02	-2.53e-03	-0.08	-7.95e-05	-7.68e-04	0.0
419	310	-3.26e-03	-1.61e-03	-0.08	-7.91e-05	-8.39e-04	0.0
419	319	-0.02	-1.12e-03	-0.23	-1.64e-04	-2.39e-03	0.0
419	324	-3.05e-03	-6.02e-04	-0.08	-7.98e-05	-8.38e-04	0.0
419	335	-0.03	1.44e-03	-0.09	-8.24e-05	-8.27e-04	0.0
419	343	-0.02	6.98e-03	-0.09	-9.73e-05	-8.59e-04	0.0
419	344	-6.52e-03	-8.35e-03	-0.08	-6.06e-05	-8.06e-04	0.0
419	372	-0.02	-1.57e-03	-0.08	-7.64e-05	-8.30e-04	0.0
419	375	-6.72e-03	3.02e-03	-0.09	-8.92e-05	-8.30e-04	0.0
419	376	-7.99e-03	-4.30e-03	-0.08	-6.96e-05	-8.41e-04	0.0
420	49	-0.04	1.49e-03	-0.12	3.91e-05	-1.23e-03	0.0
420	73	-0.04	-2.41e-03	-0.33	-4.09e-05	-3.42e-03	0.0
420	76	-0.03	-2.97e-03	-0.24	-2.53e-05	-2.44e-03	0.0
420	231	-0.03	6.42e-04	-0.08	7.82e-05	-7.38e-04	0.0
420	243	-0.03	-2.25e-03	-0.23	1.90e-05	-2.36e-03	0.0
420	316	-0.02	1.39e-03	-0.08	7.81e-05	-7.65e-04	0.0
420	319	-0.02	-7.78e-04	-0.19	3.36e-05	-1.98e-03	0.0
420	321	0.02	1.42e-03	-0.08	8.06e-05	-7.86e-04	0.0
420	324	-3.05e-03	6.02e-04	-0.08	7.98e-05	-8.38e-04	0.0
420	328	-0.03	-1.43e-03	-0.09	8.26e-05	-8.27e-04	0.0
420	347	-6.07e-03	8.34e-03	-0.08	6.00e-05	-8.06e-04	0.0
420	348	-0.02	-6.97e-03	-0.09	9.78e-05	-8.59e-04	0.0
420	363	-0.02	1.57e-03	-0.08	7.64e-05	-8.30e-04	0.0
420	379	-7.99e-03	4.30e-03	-0.08	6.96e-05	-8.41e-04	0.0
420	380	-6.72e-03	-3.02e-03	-0.09	8.92e-05	-8.30e-04	0.0
421	73	-0.05	-1.39e-03	-0.03	-1.93e-04	-4.49e-03	0.0
421	81	-0.02	-3.40e-04	-0.03	-3.38e-04	-2.27e-03	0.0
421	141	-0.01	-2.13e-03	-9.41e-03	-8.30e-05	-1.07e-03	0.0
421	243	-0.03	-1.40e-03	-0.02	-1.07e-04	-2.84e-03	0.0
421	244	-0.03	-1.57e-03	-0.01	-9.47e-05	-2.33e-03	0.0
421	247	-0.01	-6.25e-04	-0.02	-2.15e-04	-1.20e-03	0.0
421	310	-2.18e-03	-1.02e-03	-6.30e-03	-5.87e-05	-7.95e-04	0.0
421	320	-7.68e-03	7.00e-05	-0.02	-1.77e-04	-1.10e-03	0.0
421	321	0.02	-6.96e-05	-4.17e-03	-5.56e-05	-6.99e-04	0.0
421	324	-2.00e-03	-2.25e-04	-6.62e-03	-5.97e-05	-7.95e-04	0.0
421	335	-0.03	2.01e-03	-0.01	-6.25e-05	-7.77e-04	0.0
421	342	0.01	-7.98e-03	-1.79e-03	-4.13e-05	-7.77e-04	0.0
421	347	-0.02	7.48e-03	-0.01	-7.80e-05	-8.13e-04	0.0
421	367	-0.02	6.96e-04	-8.75e-03	-6.08e-05	-7.84e-04	0.0
421	372	-0.02	-9.16e-04	-7.94e-03	-5.59e-05	-7.80e-04	0.0
421	374	1.66e-03	-3.44e-03	-4.56e-03	-5.13e-05	-7.91e-04	0.0
422	49	-0.04	6.24e-04	-0.01	5.17e-05	-1.16e-03	0.0
422	81	-0.02	2.66e-04	-0.02	1.80e-04	-1.72e-03	0.0
422	122	-6.28e-03	-1.59e-03	-7.15e-03	4.86e-05	-7.65e-04	0.0
422	231	-0.03	-1.24e-04	-9.96e-03	5.77e-05	-6.76e-04	0.0

422	244	-0.02	-1.02e-03	-0.01	4.34e-05	-1.97e-03	0.0
422	247	-0.01	-3.89e-04	-0.02	1.53e-04	-1.10e-03	0.0
422	311	0.02	6.91e-04	-3.40e-03	4.85e-05	-7.94e-04	0.0
422	320	-6.71e-03	3.58e-04	-0.01	1.29e-04	-1.02e-03	0.0
422	321	0.02	4.92e-04	-4.05e-03	5.90e-05	-7.34e-04	0.0
422	324	-2.00e-03	2.25e-04	-6.62e-03	5.97e-05	-7.95e-04	0.0
422	328	-0.03	-2.01e-03	-0.01	6.28e-05	-7.77e-04	0.0
422	344	-0.02	-7.48e-03	-0.01	7.89e-05	-8.13e-04	0.0
422	345	0.01	7.98e-03	-1.76e-03	4.05e-05	-7.76e-04	0.0
422	360	-0.02	-6.96e-04	-8.75e-03	6.08e-05	-7.84e-04	0.0
422	363	-0.02	9.16e-04	-7.94e-03	5.59e-05	-7.80e-04	0.0
422	377	1.66e-03	3.44e-03	-4.56e-03	5.13e-05	-7.91e-04	0.0
423	50	-0.04	-3.89e-04	-0.51	-4.03e-04	4.34e-04	0.0
423	73	0.01	4.25e-05	-1.77	-1.28e-03	1.54e-03	0.0
423	152	-0.03	-3.19e-03	-0.38	-2.53e-04	3.19e-04	0.0
423	231	-0.03	3.41e-04	-0.27	-1.23e-04	2.42e-04	0.0
423	243	8.39e-03	2.95e-04	-1.12	-7.09e-04	9.86e-04	0.0
423	272	0.02	-1.72e-03	-0.37	-2.46e-04	3.03e-04	0.0
423	316	-0.02	1.70e-03	-0.28	-1.28e-04	2.44e-04	0.0
423	319	9.06e-03	1.67e-03	-0.91	-5.68e-04	8.02e-04	0.0
423	324	1.80e-03	1.13e-03	-0.31	-1.48e-04	2.55e-04	0.0
423	334	0.03	-1.92e-03	-0.31	-1.34e-04	2.57e-04	0.0
423	343	-8.89e-03	0.01	-0.32	-1.87e-04	2.72e-04	0.0
423	347	-9.03e-03	0.01	-0.32	-1.87e-04	2.72e-04	0.0
423	366	0.02	-3.28e-04	-0.31	-1.49e-04	2.60e-04	0.0
423	380	-1.95e-03	-3.64e-03	-0.31	-1.55e-04	2.58e-04	0.0
423	383	-3.07e-03	6.10e-03	-0.31	-1.44e-04	2.45e-04	0.0
424	50	-0.04	-1.73e-03	-0.34	-1.43e-04	2.95e-04	0.0
424	73	7.70e-03	-0.02	-1.28	-2.80e-04	1.13e-03	0.0
424	231	-0.03	-6.10e-04	-0.28	1.51e-04	2.38e-04	0.0
424	243	5.73e-03	-0.01	-0.89	-1.26e-05	7.84e-04	0.0
424	319	7.19e-03	-7.76e-03	-0.75	2.83e-05	6.51e-04	0.0
424	321	0.02	3.27e-04	-0.29	1.50e-04	2.41e-04	0.0
424	324	1.80e-03	-1.13e-03	-0.31	1.48e-04	2.55e-04	0.0
424	325	0.03	1.92e-03	-0.31	1.34e-04	2.58e-04	0.0
424	344	-9.34e-03	-0.01	-0.32	1.88e-04	2.71e-04	0.0
424	348	-9.21e-03	-0.01	-0.32	1.88e-04	2.71e-04	0.0
424	357	0.02	3.28e-04	-0.31	1.49e-04	2.60e-04	0.0
424	375	-1.95e-03	3.64e-03	-0.31	1.55e-04	2.58e-04	0.0
424	388	-3.07e-03	-6.10e-03	-0.31	1.44e-04	2.45e-04	0.0
425	49	-0.05	5.85e-05	-0.67	-5.16e-04	1.40e-05	0.0
425	73	-4.78e-03	4.84e-04	-1.85	-1.37e-03	1.02e-06	0.0
425	152	-0.03	-3.25e-03	-0.39	-2.69e-04	6.79e-06	0.0
425	231	-0.03	3.00e-04	-0.29	-1.36e-04	1.03e-05	0.0
425	243	-3.17e-03	6.15e-04	-1.17	-7.65e-04	0.0	0.0
425	282	-0.02	-1.75e-03	-0.30	-1.64e-04	4.96e-06	0.0
425	316	-0.02	1.70e-03	-0.30	-1.41e-04	7.23e-06	0.0
425	319	0.0	1.94e-03	-0.96	-6.13e-04	0.0	0.0
425	324	0.0	1.16e-03	-0.33	-1.60e-04	0.0	0.0
425	335	-0.03	4.20e-03	-0.33	-1.71e-04	-4.40e-06	0.0
425	343	-0.01	0.01	-0.34	-1.98e-04	1.69e-05	0.0
425	372	-0.02	-3.23e-04	-0.33	-1.62e-04	-3.34e-06	0.0
425	375	-4.96e-03	6.12e-03	-0.32	-1.54e-04	4.60e-06	0.0
425	376	-3.90e-03	-3.79e-03	-0.33	-1.66e-04	-7.63e-06	0.0
426	49	-0.05	-2.46e-03	-0.48	-4.96e-05	3.78e-06	0.0
426	73	-4.78e-03	-0.02	-1.34	-2.49e-04	1.02e-06	0.0
426	231	-0.03	-6.90e-04	-0.29	1.62e-04	2.72e-06	0.0
426	243	-3.17e-03	-0.01	-0.93	1.44e-05	0.0	0.0
426	316	-0.02	3.78e-04	-0.30	1.62e-04	1.53e-06	0.0
426	319	0.0	-8.25e-03	-0.78	5.16e-05	0.0	0.0
426	324	0.0	-1.16e-03	-0.33	1.60e-04	0.0	0.0
426	328	-0.03	-4.20e-03	-0.33	1.72e-04	-4.74e-06	0.0
426	342	6.35e-03	-0.01	-0.34	1.99e-04	2.19e-05	0.0
426	344	-0.01	-0.01	-0.34	1.99e-04	1.56e-05	0.0
426	360	-0.02	-2.65e-03	-0.33	1.58e-04	-3.34e-06	0.0
426	374	3.97e-03	-6.12e-03	-0.32	1.54e-04	7.67e-06	0.0
426	383	-5.03e-03	3.79e-03	-0.33	1.66e-04	4.56e-06	0.0
427	49	-0.05	-7.27e-05	-0.64	-4.90e-04	-5.08e-04	0.0
427	73	-0.02	4.24e-05	-1.77	-1.28e-03	-1.54e-03	0.0
427	152	-0.03	-3.23e-03	-0.38	-2.52e-04	-3.05e-04	0.0
427	231	-0.03	2.09e-04	-0.28	-1.25e-04	-2.22e-04	0.0
427	243	-0.01	2.95e-04	-1.12	-7.09e-04	-9.84e-04	0.0
427	282	-0.03	-1.73e-03	-0.29	-1.51e-04	-2.38e-04	0.0
427	316	-0.02	1.60e-03	-0.28	-1.30e-04	-2.30e-04	0.0
427	319	-9.06e-03	1.67e-03	-0.91	-5.68e-04	-8.02e-04	0.0
427	321	0.02	1.79e-03	-0.29	-1.29e-04	-2.45e-04	0.0
427	324	-1.80e-03	1.13e-03	-0.31	-1.48e-04	-2.55e-04	0.0

427	335	-0.03	4.04e-03	-0.31	-1.57e-04	-2.57e-04	0.0
427	341	4.21e-03	0.01	-0.32	-1.84e-04	-2.29e-04	0.0
427	345	4.35e-03	0.01	-0.32	-1.84e-04	-2.29e-04	0.0
427	372	-0.02	-3.28e-04	-0.31	-1.49e-04	-2.60e-04	0.0
427	373	3.07e-03	6.10e-03	-0.31	-1.44e-04	-2.45e-04	0.0
427	386	1.95e-03	-3.64e-03	-0.31	-1.55e-04	-2.58e-04	0.0
428	49	-0.05	-2.39e-03	-0.46	-6.22e-05	-3.88e-04	0.0
428	73	-0.02	-0.02	-1.28	-2.80e-04	-1.13e-03	0.0
428	231	-0.03	-7.40e-04	-0.28	1.49e-04	-2.32e-04	0.0
428	243	-0.01	-0.01	-0.89	-1.26e-05	-7.82e-04	0.0
428	316	-0.02	3.26e-04	-0.29	1.49e-04	-2.39e-04	0.0
428	319	-7.19e-03	-7.76e-03	-0.75	2.83e-05	-6.51e-04	0.0
428	324	-1.80e-03	-1.13e-03	-0.31	1.48e-04	-2.55e-04	0.0
428	328	-0.03	-4.04e-03	-0.31	1.56e-04	-2.57e-04	0.0
428	342	3.98e-03	-0.01	-0.32	1.83e-04	-2.29e-04	0.0
428	346	3.85e-03	-0.01	-0.32	1.83e-04	-2.29e-04	0.0
428	363	-0.02	3.28e-04	-0.31	1.49e-04	-2.60e-04	0.0
428	378	3.07e-03	-6.10e-03	-0.31	1.44e-04	-2.45e-04	0.0
428	381	1.95e-03	3.64e-03	-0.31	1.55e-04	-2.58e-04	0.0
429	73	-0.04	3.08e-04	0.12	-2.87e-05	-4.31e-03	5.08e-05
429	122	-5.10e-03	-1.40e-03	0.02	-1.92e-06	-7.34e-04	1.81e-05
429	243	-0.03	-5.03e-04	0.07	-1.36e-05	-2.74e-03	2.62e-05
429	251	0.03	-1.45e-04	0.02	-1.99e-06	-6.23e-04	1.81e-05
429	267	-3.49e-03	-8.42e-04	0.02	-3.71e-06	-7.58e-04	1.65e-05
429	311	0.02	7.82e-04	0.03	-6.51e-06	-8.65e-04	2.13e-05
429	319	-0.02	2.19e-04	0.06	-1.19e-05	-2.24e-03	2.09e-05
429	321	0.03	4.87e-04	0.02	-3.23e-06	-6.57e-04	1.49e-05
429	324	-3.06e-04	2.40e-04	0.02	-4.17e-06	-7.57e-04	1.25e-05
429	334	0.03	-2.28e-03	0.02	0.0	-7.77e-04	1.34e-05
429	335	-0.03	2.76e-03	0.01	-8.02e-06	-7.38e-04	1.16e-05
429	347	-0.01	8.11e-03	0.02	-1.78e-05	-7.73e-04	-5.50e-06
429	366	0.01	-7.70e-04	0.02	-2.60e-06	-7.69e-04	1.16e-05
429	372	-0.01	-2.69e-04	0.02	-2.86e-06	-7.42e-04	1.70e-05
429	379	-5.17e-03	3.34e-03	0.02	-9.78e-06	-7.60e-04	7.80e-06
430	73	-0.05	6.11e-04	0.11	-1.77e-04	-4.47e-03	0.0
430	165	0.03	1.45e-03	0.04	-1.17e-04	-1.59e-03	0.0
430	243	-0.03	-3.83e-04	0.07	-9.85e-05	-2.82e-03	0.0
430	289	0.02	1.14e-03	0.03	-8.52e-05	-1.17e-03	0.0
430	311	0.02	1.07e-03	0.02	-6.79e-05	-9.11e-04	0.0
430	319	-0.02	3.51e-04	0.06	-8.90e-05	-2.32e-03	0.0
430	321	0.02	7.71e-04	0.02	-5.33e-05	-6.92e-04	0.0
430	324	-1.91e-03	4.18e-04	0.02	-5.74e-05	-7.89e-04	0.0
430	334	0.03	-2.11e-03	0.02	-5.44e-05	-8.08e-04	0.0
430	335	-0.03	2.95e-03	0.01	-6.04e-05	-7.71e-04	0.0
430	347	-0.02	8.20e-03	0.01	-7.59e-05	-8.07e-04	0.0
430	366	0.01	-5.95e-04	0.02	-5.62e-05	-8.00e-04	0.0
430	372	-0.02	-6.00e-05	0.02	-5.36e-05	-7.74e-04	0.0
430	379	-5.64e-03	3.47e-03	0.02	-6.56e-05	-7.93e-04	0.0
431	73	-0.04	-7.20e-04	0.11	-1.66e-05	-3.97e-03	-2.78e-06
431	141	-7.99e-03	-2.01e-03	0.02	-1.49e-06	-9.85e-04	-1.23e-05
431	243	-0.03	-9.95e-04	0.07	-7.04e-06	-2.57e-03	0.0
431	251	0.03	-9.04e-04	0.02	-3.48e-06	-6.25e-04	-2.01e-05
431	282	-0.02	-1.43e-03	0.01	-1.88e-06	-6.49e-04	-1.19e-05
431	310	-3.04e-04	-9.47e-04	0.02	-1.47e-06	-7.40e-04	-9.31e-06
431	319	-0.02	-2.23e-04	0.06	-6.43e-06	-2.11e-03	-3.18e-06
431	321	0.03	-1.55e-04	0.02	-3.77e-06	-6.54e-04	-1.82e-05
431	324	-3.03e-04	-1.87e-04	0.02	-2.26e-06	-7.40e-04	-1.01e-05
431	334	0.03	-2.52e-03	0.02	1.65e-06	-7.63e-04	-1.36e-05
431	335	-0.03	2.15e-03	0.02	-6.16e-06	-7.16e-04	-6.64e-06
431	344	-7.27e-03	-8.33e-03	0.02	9.51e-06	-7.24e-04	-3.08e-05
431	366	0.01	-1.10e-03	0.02	0.0	-7.53e-04	-8.27e-06
431	372	-0.01	-8.65e-04	0.02	-1.54e-06	-7.27e-04	-1.02e-05
431	376	-4.35e-03	-3.42e-03	0.02	2.25e-06	-7.37e-04	-8.59e-06
432	73	-0.04	1.78e-05	0.10	-7.00e-06	-3.64e-03	4.09e-05
432	122	-5.07e-03	-1.56e-03	0.02	3.80e-06	-7.18e-04	1.17e-05
432	243	-0.03	-6.16e-04	0.06	0.0	-2.42e-03	2.33e-05
432	251	0.03	-3.93e-04	0.02	3.51e-06	-6.40e-04	7.93e-06
432	267	-3.47e-03	-9.72e-04	0.02	3.40e-06	-7.38e-04	1.13e-05
432	311	0.02	6.72e-04	0.02	0.0	-7.77e-04	1.60e-05
432	319	-0.02	1.54e-04	0.05	0.0	-2.00e-03	1.94e-05
432	321	0.02	3.22e-04	0.02	2.61e-06	-6.65e-04	7.88e-06
432	324	-3.03e-04	1.87e-04	0.02	2.26e-06	-7.40e-04	1.01e-05
432	325	0.03	2.52e-03	0.02	-1.65e-06	-7.62e-04	1.36e-05
432	328	-0.03	-2.15e-03	0.02	6.16e-06	-7.17e-04	6.64e-06
432	347	-6.84e-03	8.33e-03	0.02	-9.52e-06	-7.23e-04	3.08e-05
432	357	0.01	1.10e-03	0.02	0.0	-7.53e-04	8.27e-06
432	363	-0.01	8.65e-04	0.02	1.54e-06	-7.27e-04	1.02e-05

432	379	-4.35e-03	3.42e-03	0.02	-2.25e-06	-7.37e-04	8.59e-06
433	73	-0.04	-3.94e-04	0.09	-1.61e-05	-3.37e-03	1.06e-05
433	141	-7.98e-03	-1.97e-03	0.02	7.66e-06	-1.01e-03	-1.21e-05
433	243	-0.03	-8.39e-04	0.06	-3.91e-06	-2.31e-03	6.68e-06
433	251	0.03	-8.81e-04	0.02	4.32e-06	-6.72e-04	-1.91e-05
433	282	-0.02	-1.41e-03	0.01	4.36e-06	-6.63e-04	-1.33e-05
433	310	-2.98e-04	-9.54e-04	0.02	5.09e-06	-7.58e-04	-1.01e-05
433	319	-0.02	-1.55e-04	0.05	-2.58e-06	-1.92e-03	0.0
433	321	0.02	-1.86e-04	0.02	3.59e-06	-6.93e-04	-1.93e-05
433	324	-3.06e-04	-2.40e-04	0.02	4.17e-06	-7.57e-04	-1.25e-05
433	325	0.03	2.28e-03	0.02	0.0	-7.77e-04	-1.33e-05
433	328	-0.03	-2.76e-03	0.01	8.01e-06	-7.38e-04	-1.17e-05
433	344	-0.01	-8.12e-03	0.02	1.78e-05	-7.74e-04	5.23e-06
433	357	0.01	7.70e-04	0.02	2.60e-06	-7.69e-04	-1.16e-05
433	363	-0.01	2.69e-04	0.02	2.86e-06	-7.42e-04	-1.70e-05
433	376	-5.17e-03	-3.34e-03	0.02	9.78e-06	-7.60e-04	-7.80e-06
434	49	-0.04	-7.97e-04	0.02	5.15e-05	-1.15e-03	0.0
434	73	-0.04	-5.73e-04	0.09	2.80e-05	-3.42e-03	0.0
434	141	-9.83e-03	-2.22e-03	0.02	8.08e-05	-1.05e-03	0.0
434	231	-0.03	-1.09e-03	0.01	5.52e-05	-6.69e-04	0.0
434	243	-0.03	-9.19e-04	0.06	3.78e-05	-2.35e-03	0.0
434	282	-0.02	-1.66e-03	0.01	5.58e-05	-6.97e-04	0.0
434	310	-1.72e-03	-1.13e-03	0.02	5.84e-05	-7.90e-04	0.0
434	319	-0.02	-2.62e-04	0.05	4.20e-05	-6.96e-03	0.0
434	321	0.02	-4.16e-04	0.02	5.66e-05	-7.27e-04	0.0
434	324	-1.91e-03	-4.18e-04	0.02	5.74e-05	-7.89e-04	0.0
434	325	0.03	2.11e-03	0.02	5.42e-05	-8.08e-04	0.0
434	328	-0.03	-2.95e-03	0.01	6.06e-05	-7.71e-04	0.0
434	344	-0.02	-8.21e-03	0.01	7.67e-05	-8.08e-04	0.0
434	357	0.01	5.95e-04	0.02	5.62e-05	-8.00e-04	0.0
434	363	-0.02	6.00e-05	0.02	5.36e-05	-7.74e-04	0.0
434	376	-5.64e-03	-3.47e-03	0.02	6.56e-05	-7.93e-04	0.0
435	89	0.04	2.29e-04	0.11	-3.11e-05	4.27e-03	-4.75e-05
435	122	-4.43e-03	-1.38e-03	0.02	-1.81e-06	7.22e-04	-1.90e-05
435	251	0.03	-5.62e-04	0.07	-1.54e-05	2.71e-03	-2.37e-05
435	267	-2.83e-03	-8.31e-04	0.02	-3.63e-06	7.51e-04	-1.71e-05
435	311	0.02	7.72e-04	0.02	-6.01e-06	8.38e-04	-2.03e-05
435	321	0.03	1.66e-04	0.06	-1.34e-05	2.23e-03	-1.86e-05
435	324	3.15e-04	2.40e-04	0.02	-4.17e-06	7.57e-04	-1.25e-05
435	328	-0.03	-1.99e-03	0.02	1.59e-06	6.36e-04	-3.22e-05
435	334	0.03	-2.30e-03	0.02	0.0	9.17e-04	-2.21e-05
435	347	-0.01	8.07e-03	0.02	-2.03e-05	6.52e-04	3.30e-05
435	360	-0.01	-6.35e-04	0.02	-1.97e-06	6.87e-04	-1.83e-05
435	369	0.01	7.28e-04	0.02	-5.76e-06	8.32e-04	-8.39e-06
435	379	-4.56e-03	3.35e-03	0.02	-9.96e-06	7.28e-04	-3.36e-06
436	89	0.05	-1.40e-03	-0.03	-2.05e-04	4.47e-03	0.0
436	141	-4.15e-03	-2.14e-03	-7.57e-03	-8.28e-05	1.06e-03	0.0
436	251	0.04	-1.41e-03	-0.02	-1.16e-04	2.83e-03	0.0
436	252	0.03	-1.58e-03	-0.01	-1.01e-04	2.32e-03	0.0
436	310	2.20e-03	-1.02e-03	-6.31e-03	-5.88e-05	7.95e-04	0.0
436	321	0.03	-5.13e-04	-0.01	-1.03e-04	2.32e-03	0.0
436	324	2.00e-03	-2.25e-04	-6.62e-03	-5.97e-05	7.95e-04	0.0
436	334	0.03	-2.85e-03	-8.77e-03	-5.71e-05	9.61e-04	0.0
436	341	2.47e-03	8.90e-03	-0.01	-8.65e-05	7.64e-04	0.0
436	344	1.54e-03	-9.35e-03	-1.45e-03	-3.28e-05	8.26e-04	0.0
436	357	0.02	8.70e-04	-8.84e-03	-6.49e-05	8.66e-04	0.0
436	366	0.02	-1.19e-03	-7.86e-03	-5.94e-05	8.72e-04	0.0
436	376	-8.43e-04	-3.62e-03	-4.50e-03	-4.97e-05	7.82e-04	0.0
437	89	0.05	4.33e-04	0.11	-1.88e-04	4.44e-03	0.0
437	165	0.04	1.49e-03	0.03	-1.14e-04	1.52e-03	0.0
437	251	0.04	-5.16e-04	0.07	-1.06e-04	2.81e-03	0.0
437	289	0.03	1.16e-03	0.02	-8.35e-05	1.13e-03	0.0
437	311	0.03	1.07e-03	0.02	-6.68e-05	8.83e-04	0.0
437	321	0.03	2.36e-04	0.05	-9.51e-05	2.31e-03	0.0
437	324	1.92e-03	4.18e-04	0.02	-5.74e-05	7.89e-04	0.0
437	334	0.03	-2.08e-03	0.01	-5.52e-05	9.55e-04	0.0
437	344	1.44e-03	-7.08e-03	0.02	-3.23e-05	8.19e-04	0.0
437	347	-0.01	8.02e-03	0.01	-7.96e-05	6.73e-04	0.0
437	360	-0.01	-4.29e-04	0.02	-5.23e-05	7.18e-04	0.0
437	366	0.02	-6.05e-04	0.02	-5.72e-05	8.66e-04	0.0
437	379	-3.61e-03	3.47e-03	0.02	-6.55e-05	7.58e-04	0.0
438	89	0.04	-7.00e-04	0.10	-1.59e-05	3.94e-03	1.19e-06
438	141	-7.10e-03	-2.01e-03	0.03	-1.64e-06	9.76e-04	1.26e-05
438	251	0.03	-9.79e-04	0.07	-6.55e-06	2.54e-03	-1.14e-06
438	282	-0.02	-1.42e-03	0.02	-1.90e-06	6.58e-04	1.17e-05
438	310	3.15e-04	-9.47e-04	0.02	-1.49e-06	7.40e-04	9.27e-06
438	321	0.03	-2.07e-04	0.06	-5.99e-06	2.10e-03	2.05e-06

438	324	3.12e-04	-1.87e-04	0.02	-2.26e-06	7.40e-04	1.01e-05
438	328	-0.03	-2.89e-03	0.02	0.0	6.09e-04	4.90e-06
438	334	0.03	-2.62e-03	0.02	1.85e-06	8.82e-04	-1.71e-06
438	344	-6.65e-03	-8.64e-03	0.02	9.74e-06	7.19e-04	-1.47e-05
438	360	-0.01	-1.25e-03	0.02	-1.10e-06	6.70e-04	1.02e-05
438	369	0.01	4.84e-04	0.02	-2.92e-06	8.09e-04	9.11e-06
438	376	-3.74e-03	-3.47e-03	0.02	2.22e-06	7.20e-04	6.82e-06
439	89	0.04	-3.60e-05	0.09	-8.88e-06	3.60e-03	-4.06e-05
439	122	-4.47e-03	-1.55e-03	0.02	3.89e-06	7.06e-04	-1.23e-05
439	251	0.03	-6.57e-04	0.06	-2.21e-06	2.39e-03	-2.30e-05
439	267	-2.86e-03	-9.67e-04	0.02	3.46e-06	7.30e-04	-1.17e-05
439	311	0.02	7.03e-04	0.02	1.21e-06	7.55e-04	-1.53e-05
439	321	0.03	1.19e-04	0.05	-1.73e-06	1.98e-03	-1.89e-05
439	324	3.12e-04	1.87e-04	0.02	2.26e-06	7.40e-04	-1.01e-05
439	325	0.03	2.62e-03	0.02	-1.92e-06	8.88e-04	1.79e-06
439	335	-0.03	2.89e-03	0.02	-1.04e-06	6.15e-04	-4.82e-06
439	347	-6.22e-03	8.64e-03	0.02	-9.97e-06	7.38e-04	1.50e-05
439	362	0.01	-4.84e-04	0.02	2.92e-06	8.09e-04	-9.11e-06
439	367	-0.01	1.25e-03	0.02	1.10e-06	6.70e-04	-1.02e-05
439	379	-3.74e-03	3.47e-03	0.02	-2.22e-06	7.20e-04	-6.82e-06
440	89	0.04	-3.59e-04	0.09	-1.50e-05	3.31e-03	-1.44e-05
440	141	-7.15e-03	-1.99e-03	0.03	7.47e-06	9.98e-04	1.26e-05
440	251	0.03	-8.11e-04	0.06	-3.13e-06	2.27e-03	-9.62e-06
440	282	-0.02	-1.42e-03	0.02	4.39e-06	6.71e-04	1.32e-05
440	310	3.02e-04	-9.53e-04	0.02	5.06e-06	7.57e-04	9.99e-06
440	321	0.02	-1.26e-04	0.05	-1.89e-06	1.90e-03	-2.60e-06
440	324	3.15e-04	-2.40e-04	0.02	4.17e-06	7.57e-04	1.25e-05
440	325	0.03	2.31e-03	0.02	0.0	9.23e-04	2.20e-05
440	344	-0.01	-8.09e-03	0.02	2.01e-05	6.32e-04	-3.26e-05
440	347	-3.12e-03	7.52e-03	0.02	-1.22e-05	7.99e-04	6.06e-05
440	362	0.01	-7.28e-04	0.02	5.76e-06	8.32e-04	8.39e-06
440	367	-0.01	6.35e-04	0.02	1.97e-06	6.87e-04	1.83e-05
440	376	-4.56e-03	-3.35e-03	0.02	9.96e-06	7.28e-04	3.36e-06
441	89	0.04	-4.69e-04	0.09	3.51e-05	3.37e-03	0.0
441	105	0.04	-8.14e-04	0.02	5.10e-05	1.14e-03	0.0
441	141	-5.22e-03	-2.24e-03	0.02	8.03e-05	1.04e-03	0.0
441	251	0.03	-8.39e-04	0.06	4.30e-05	2.32e-03	0.0
441	259	0.03	-1.10e-03	9.77e-03	5.48e-05	6.60e-04	0.0
441	282	-0.02	-1.67e-03	0.02	5.58e-05	7.05e-04	0.0
441	310	1.72e-03	-1.13e-03	0.02	5.83e-05	7.89e-04	0.0
441	321	0.02	-1.89e-04	0.05	4.62e-05	1.94e-03	0.0
441	323	0.03	-3.81e-04	0.01	5.50e-05	6.99e-04	0.0
441	324	1.92e-03	-4.18e-04	0.02	5.74e-05	7.89e-04	0.0
441	325	0.03	2.09e-03	0.01	5.54e-05	9.61e-04	0.0
441	344	-0.01	-8.05e-03	0.01	7.89e-05	6.53e-04	0.0
441	347	1.80e-03	7.11e-03	0.02	3.30e-05	8.39e-04	0.0
441	357	0.02	6.05e-04	0.02	5.72e-05	8.66e-04	0.0
441	367	-0.01	4.29e-04	0.02	5.23e-05	7.18e-04	0.0
441	376	-3.61e-03	-3.47e-03	0.02	6.55e-05	7.58e-04	0.0
442	89	0.04	-3.84e-04	-0.02	3.20e-05	3.38e-03	0.0
442	105	0.04	6.47e-04	-0.01	5.11e-05	1.14e-03	0.0
442	122	-3.19e-03	-1.58e-03	-5.97e-03	4.80e-05	7.52e-04	0.0
442	251	0.03	-8.72e-04	-0.01	4.31e-05	2.32e-03	0.0
442	252	0.02	-1.06e-03	-0.01	4.77e-05	1.94e-03	0.0
442	259	0.03	-1.08e-04	-0.01	5.73e-05	6.67e-04	0.0
442	311	0.03	7.61e-04	-9.03e-03	4.89e-05	7.76e-04	0.0
442	321	0.02	-7.94e-06	-0.01	4.68e-05	1.95e-03	0.0
442	323	0.03	5.65e-04	-9.31e-03	5.75e-05	7.05e-04	0.0
442	324	2.00e-03	2.25e-04	-6.62e-03	5.97e-05	7.95e-04	0.0
442	325	0.03	2.85e-03	-8.81e-03	5.73e-05	9.67e-04	0.0
442	346	2.11e-03	-8.89e-03	-0.01	8.56e-05	7.43e-04	0.0
442	347	1.90e-03	9.34e-03	-1.60e-03	3.37e-05	8.46e-04	0.0
442	357	0.02	1.19e-03	-7.86e-03	5.94e-05	8.72e-04	0.0
442	366	0.02	-8.70e-04	-8.84e-03	6.49e-05	8.66e-04	0.0
442	379	-8.43e-04	3.62e-03	-4.50e-03	4.97e-05	7.82e-04	0.0
443	89	0.05	-2.83e-03	-0.45	-3.79e-04	4.60e-03	0.0
443	151	-0.02	-3.64e-03	-0.13	-1.48e-04	1.34e-03	0.0
443	251	0.04	-2.01e-03	-0.28	-2.10e-04	2.89e-03	0.0
443	282	-0.02	-2.53e-03	-0.07	-7.95e-05	7.77e-04	0.0
443	310	3.28e-03	-1.62e-03	-0.08	-7.92e-05	8.40e-04	0.0
443	321	0.03	-8.72e-04	-0.23	-1.78e-04	2.38e-03	0.0
443	324	3.06e-03	-6.02e-04	-0.08	-7.98e-05	8.38e-04	0.0
443	334	0.03	-4.48e-03	-0.10	-9.88e-05	1.01e-03	0.0
443	344	2.73e-03	-0.01	-0.09	-1.16e-04	8.77e-04	0.0
443	365	0.02	8.44e-04	-0.09	-8.69e-05	9.09e-04	0.0
443	366	0.02	-1.78e-03	-0.09	-8.03e-05	9.14e-04	0.0
443	376	3.19e-04	-5.05e-03	-0.08	-6.78e-05	8.24e-04	0.0

444	89	0.04	-2.91e-03	-0.33	-2.30e-05	3.37e-03	0.0
444	92	0.03	-3.34e-03	-0.23	-1.22e-05	2.40e-03	0.0
444	105	0.05	1.57e-03	-0.12	3.83e-05	1.22e-03	0.0
444	251	0.03	-2.63e-03	-0.23	3.22e-05	2.32e-03	0.0
444	259	0.03	6.89e-04	-0.08	7.76e-05	7.30e-04	0.0
444	311	0.03	1.51e-03	-0.08	5.70e-05	8.31e-04	0.0
444	321	0.03	-1.09e-03	-0.19	4.39e-05	1.96e-03	0.0
444	323	0.03	1.40e-03	-0.08	7.80e-05	7.64e-04	0.0
444	324	3.06e-03	6.02e-04	-0.08	7.98e-05	8.38e-04	0.0
444	325	0.03	4.46e-03	-0.10	9.81e-05	1.01e-03	0.0
444	347	3.03e-03	0.01	-0.09	1.14e-04	8.97e-04	0.0
444	357	0.02	1.78e-03	-0.09	8.03e-05	9.14e-04	0.0
444	358	0.02	-8.44e-04	-0.09	8.69e-05	9.09e-04	0.0
444	379	3.19e-04	5.05e-03	-0.08	6.78e-05	8.24e-04	0.0
445	89	0.05	-1.60e-03	-0.86	-6.49e-04	4.21e-03	0.0
445	97	0.05	-2.63e-03	-0.75	-5.24e-04	3.76e-03	0.0
445	151	-0.02	-3.46e-03	-0.25	-2.13e-04	1.24e-03	0.0
445	251	0.03	-1.11e-03	-0.54	-3.56e-04	2.63e-03	0.0
445	270	0.04	-1.55e-03	-0.24	-2.22e-04	1.16e-03	0.0
445	282	-0.01	-2.38e-03	-0.14	-1.06e-04	7.22e-04	0.0
445	310	4.13e-03	-1.29e-03	-0.16	-1.05e-04	7.71e-04	0.0
445	311	0.03	-7.32e-05	-0.18	-1.46e-04	8.94e-04	0.0
445	321	0.03	8.11e-05	-0.45	-2.94e-04	2.17e-03	0.0
445	324	3.90e-03	-8.89e-05	-0.16	-1.05e-04	7.69e-04	0.0
445	334	0.03	-5.39e-03	-0.19	-1.37e-04	9.23e-04	0.0
445	344	3.28e-03	-0.02	-0.17	-1.66e-04	8.09e-04	0.0
445	365	0.02	1.68e-03	-0.17	-1.16e-04	8.34e-04	0.0
445	366	0.02	-1.53e-03	-0.17	-1.08e-04	8.38e-04	0.0
445	376	1.22e-03	-5.52e-03	-0.15	-8.99e-05	7.56e-04	0.0
446	89	0.04	-7.26e-03	-0.63	-1.06e-04	3.04e-03	0.0
446	90	0.04	-7.27e-03	-0.56	-1.67e-04	2.74e-03	0.0
446	105	0.05	5.45e-04	-0.23	1.03e-05	1.13e-03	0.0
446	251	0.03	-5.47e-03	-0.43	1.68e-05	2.10e-03	0.0
446	289	0.04	5.75e-04	-0.17	9.68e-06	8.38e-04	0.0
446	321	0.02	-3.21e-03	-0.37	3.93e-05	1.77e-03	0.0
446	323	0.03	1.12e-03	-0.15	1.04e-04	7.10e-04	0.0
446	324	3.90e-03	8.89e-05	-0.16	1.05e-04	7.69e-04	0.0
446	325	0.03	5.32e-03	-0.19	1.36e-04	9.28e-04	0.0
446	347	3.45e-03	0.02	-0.17	1.62e-04	8.27e-04	0.0
446	357	0.02	1.53e-03	-0.17	1.08e-04	8.38e-04	0.0
446	358	0.02	-1.68e-03	-0.17	1.16e-04	8.34e-04	0.0
446	379	1.22e-03	5.52e-03	-0.15	8.99e-05	7.56e-04	0.0
447	89	0.04	-4.53e-04	-1.22	-9.00e-04	3.40e-03	0.0
447	105	0.05	-9.52e-04	-0.45	-3.68e-04	1.30e-03	0.0
447	152	-0.02	-3.36e-03	-0.27	-1.88e-04	7.89e-04	0.0
447	251	0.03	-1.86e-04	-0.76	-4.94e-04	2.11e-03	0.0
447	270	0.04	-1.10e-03	-0.34	-2.79e-04	9.70e-04	0.0
447	282	-0.01	-2.08e-03	-0.21	-1.18e-04	6.01e-04	0.0
447	311	0.03	5.72e-04	-0.26	-1.74e-04	7.44e-04	0.0
447	321	0.02	1.04e-03	-0.63	-4.00e-04	1.74e-03	0.0
447	324	3.87e-03	4.85e-04	-0.22	-1.16e-04	6.36e-04	0.0
447	334	0.03	-6.14e-03	-0.27	-1.61e-04	7.63e-04	0.0
447	341	5.69e-03	0.02	-0.21	-3.09e-05	6.04e-04	0.0
447	366	0.02	-1.18e-03	-0.24	-1.29e-04	6.94e-04	0.0
447	373	6.62e-03	6.78e-03	-0.23	-1.07e-04	6.45e-04	0.0
448	89	0.03	-0.01	-0.88	-1.98e-04	2.45e-03	0.0
448	105	0.05	-7.20e-04	-0.33	-3.73e-05	9.43e-04	0.0
448	251	0.02	-8.15e-03	-0.61	-4.98e-06	1.69e-03	0.0
448	289	0.04	-3.64e-04	-0.24	-2.59e-05	6.98e-04	0.0
448	321	0.02	-5.24e-03	-0.51	2.63e-05	1.43e-03	0.0
448	323	0.03	7.33e-04	-0.21	1.16e-04	5.91e-04	0.0
448	324	3.87e-03	-4.85e-04	-0.22	1.16e-04	6.36e-04	0.0
448	325	0.03	5.99e-03	-0.27	1.60e-04	7.67e-04	0.0
448	346	5.60e-03	-0.02	-0.21	3.64e-05	5.89e-04	0.0
448	357	0.02	1.18e-03	-0.24	1.29e-04	6.94e-04	0.0
448	378	6.62e-03	-6.78e-03	-0.23	1.07e-04	6.45e-04	0.0
449	89	0.03	1.66e-04	-1.49	-1.08e-03	2.30e-03	0.0
449	105	0.05	-3.69e-04	-0.56	-4.27e-04	9.62e-04	0.0
449	152	-0.02	-3.27e-03	-0.33	-2.17e-04	5.87e-04	0.0
449	251	0.02	3.72e-04	-0.93	-5.87e-04	1.40e-03	0.0
449	270	0.04	-7.26e-04	-0.42	-3.25e-04	7.16e-04	0.0
449	282	-0.01	-1.80e-03	-0.25	-1.27e-04	4.51e-04	0.0
449	311	0.03	1.11e-03	-0.32	-1.97e-04	5.50e-04	0.0
449	321	0.02	1.67e-03	-0.77	-4.71e-04	1.17e-03	0.0
449	324	3.18e-03	9.54e-04	-0.27	-1.26e-04	4.72e-04	0.0
449	334	0.03	-6.57e-03	-0.33	-1.82e-04	5.65e-04	0.0
449	341	7.14e-03	0.03	-0.26	-2.23e-05	4.51e-04	0.0

449	366	0.02	-8.76e-04	-0.30	-1.40e-04	5.16e-04	0.0
449	373	6.14e-03	7.94e-03	-0.28	-1.20e-04	4.76e-04	0.0
450	89	0.02	-0.01	-1.07	-2.70e-04	1.69e-03	0.0
450	105	0.05	-1.79e-03	-0.40	-7.15e-05	7.08e-04	0.0
450	251	0.02	-0.01	-0.74	-2.31e-05	1.15e-03	0.0
450	259	0.04	-5.81e-04	-0.25	1.24e-04	4.25e-04	0.0
450	321	0.02	-6.67e-03	-0.63	1.56e-05	9.85e-04	0.0
450	323	0.03	4.08e-04	-0.26	1.26e-04	4.40e-04	0.0
450	324	3.18e-03	-9.54e-04	-0.27	1.26e-04	4.72e-04	0.0
450	325	0.03	6.36e-03	-0.33	1.80e-04	5.68e-04	0.0
450	346	7.00e-03	-0.03	-0.25	2.77e-05	4.40e-04	0.0
450	357	0.02	8.76e-04	-0.30	1.40e-04	5.16e-04	0.0
450	378	6.14e-03	-7.94e-03	-0.28	1.20e-04	4.76e-04	0.0
451	97	-0.02	-4.86e-04	-1.22	-9.00e-04	-3.40e-03	0.0
451	106	0.05	-7.00e-04	-0.36	-2.94e-04	-1.08e-03	0.0
451	152	-0.02	-3.34e-03	-0.27	-1.88e-04	-7.80e-04	0.0
451	255	-0.01	-2.03e-04	-0.76	-4.94e-04	-2.11e-03	0.0
451	259	0.04	-1.81e-04	-0.19	-9.54e-05	-5.72e-04	0.0
451	282	-0.02	-2.06e-03	-0.21	-1.18e-04	-5.95e-04	0.0
451	322	-9.78e-03	1.02e-03	-0.63	-4.00e-04	-1.75e-03	0.0
451	323	0.03	1.04e-03	-0.20	-1.01e-04	-5.90e-04	0.0
451	324	-3.85e-03	4.85e-04	-0.22	-1.16e-04	-6.36e-04	0.0
451	334	0.02	-4.30e-03	-0.27	-1.56e-04	-7.65e-04	0.0
451	336	-0.03	-5.44e-03	-0.19	-1.22e-04	-5.43e-04	0.0
451	341	9.10e-03	0.02	-0.21	-4.74e-05	-6.10e-04	0.0
451	368	-0.02	-1.62e-03	-0.20	-1.09e-04	-5.81e-04	0.0
451	370	6.63e-03	-2.82e-04	-0.24	-1.28e-04	-6.95e-04	0.0
451	373	9.61e-04	6.68e-03	-0.23	-1.13e-04	-6.46e-04	0.0
452	97	-0.01	1.37e-04	-1.49	-1.08e-03	-2.30e-03	0.0
452	106	0.05	-4.22e-04	-0.45	-3.49e-04	-8.02e-04	0.0
452	152	-0.02	-3.25e-03	-0.33	-2.17e-04	-5.78e-04	0.0
452	255	-6.56e-03	3.55e-04	-0.93	-5.86e-04	-1.41e-03	0.0
452	259	0.04	2.81e-04	-0.24	-1.02e-04	-4.32e-04	0.0
452	282	-0.02	-1.79e-03	-0.26	-1.28e-04	-4.44e-04	0.0
452	322	-3.70e-03	1.66e-03	-0.76	-4.71e-04	-1.17e-03	0.0
452	323	0.03	1.60e-03	-0.25	-1.08e-04	-4.44e-04	0.0
452	324	-3.16e-03	9.54e-04	-0.27	-1.26e-04	-4.72e-04	0.0
452	334	0.02	-4.85e-03	-0.33	-1.75e-04	-5.72e-04	0.0
452	336	-0.03	-5.93e-03	-0.24	-1.33e-04	-4.03e-04	0.0
452	341	9.05e-03	0.02	-0.26	-3.96e-05	-4.49e-04	0.0
452	368	-0.01	-1.36e-03	-0.25	-1.17e-04	-4.31e-04	0.0
452	370	7.86e-03	5.94e-05	-0.30	-1.39e-04	-5.18e-04	0.0
452	373	1.41e-03	7.89e-03	-0.28	-1.23e-04	-4.80e-04	0.0
453	97	-6.06e-03	-0.01	-1.07	-2.70e-04	-1.69e-03	0.0
453	106	0.05	-9.30e-04	-0.29	-1.38e-04	-5.37e-04	0.0
453	255	-3.58e-03	-0.01	-0.74	-2.34e-05	-1.15e-03	0.0
453	259	0.03	-2.82e-04	-0.24	1.28e-04	-4.35e-04	0.0
453	322	-1.75e-03	-6.66e-03	-0.62	1.55e-05	-9.88e-04	0.0
453	323	0.03	6.29e-04	-0.25	1.29e-04	-4.48e-04	0.0
453	324	-3.16e-03	-9.54e-04	-0.27	1.26e-04	-4.72e-04	0.0
453	325	0.02	4.84e-03	-0.33	1.75e-04	-5.75e-04	0.0
453	327	-0.03	5.92e-03	-0.24	1.33e-04	-4.06e-04	0.0
453	346	8.86e-03	-0.02	-0.26	3.91e-05	-4.37e-04	0.0
453	359	-0.01	1.36e-03	-0.25	1.17e-04	-4.31e-04	0.0
453	361	7.86e-03	-5.94e-05	-0.30	1.39e-04	-5.18e-04	0.0
453	378	1.41e-03	-7.89e-03	-0.28	1.23e-04	-4.80e-04	0.0
454	97	-0.01	-0.01	-0.88	-1.98e-04	-2.45e-03	0.0
454	106	0.05	5.05e-06	-0.24	-9.86e-05	-7.14e-04	0.0
454	255	-9.42e-03	-8.14e-03	-0.61	-5.28e-06	-1.69e-03	0.0
454	259	0.03	1.84e-04	-0.20	1.19e-04	-5.82e-04	0.0
454	322	-6.42e-03	-5.24e-03	-0.51	2.63e-05	-1.43e-03	0.0
454	323	0.03	9.97e-04	-0.21	1.19e-04	-6.01e-04	0.0
454	324	-3.85e-03	-4.85e-04	-0.22	1.16e-04	-6.36e-04	0.0
454	325	0.02	4.30e-03	-0.27	1.56e-04	-7.70e-04	0.0
454	327	-0.03	5.44e-03	-0.19	1.22e-04	-5.48e-04	0.0
454	346	8.91e-03	-0.02	-0.21	4.63e-05	-5.94e-04	0.0
454	359	-0.02	1.62e-03	-0.20	1.09e-04	-5.81e-04	0.0
454	361	6.63e-03	2.82e-04	-0.24	1.28e-04	-6.95e-04	0.0
454	378	9.61e-04	-6.68e-03	-0.23	1.13e-04	-6.46e-04	0.0
455	97	-0.03	-1.63e-03	-0.86	-6.48e-04	-4.21e-03	0.0
455	106	0.05	-1.15e-03	-0.25	-2.26e-04	-1.28e-03	0.0
455	151	-0.02	-3.42e-03	-0.25	-2.13e-04	-1.23e-03	0.0
455	255	-0.02	-1.13e-03	-0.54	-3.56e-04	-2.63e-03	0.0
455	259	0.04	-7.74e-04	-0.13	-8.90e-05	-6.79e-04	0.0
455	282	-0.02	-2.35e-03	-0.15	-1.06e-04	-7.16e-04	0.0
455	310	-4.17e-03	-1.27e-03	-0.16	-1.05e-04	-7.71e-04	0.0
455	322	-0.01	5.59e-05	-0.44	-2.94e-04	-2.17e-03	0.0

455	323	0.03	3.20e-04	-0.14	-9.33e-05	-7.05e-04	0.0
455	324	-3.88e-03	-8.89e-05	-0.16	-1.05e-04	-7.69e-04	0.0
455	334	0.01	-3.71e-03	-0.19	-1.34e-04	-9.23e-04	0.0
455	336	-0.03	-4.98e-03	-0.14	-1.08e-04	-6.56e-04	0.0
455	344	-0.02	-0.01	-0.16	-1.54e-04	-7.97e-04	0.0
455	368	-0.01	-1.94e-03	-0.14	-9.65e-05	-7.03e-04	0.0
455	369	6.64e-03	1.14e-03	-0.17	-1.15e-04	-8.36e-04	0.0
455	376	-8.80e-03	-5.34e-03	-0.15	-9.63e-05	-7.56e-04	0.0
456	97	-0.02	-7.26e-03	-0.62	-1.06e-04	-3.04e-03	0.0
456	98	-0.02	-7.28e-03	-0.56	-1.67e-04	-2.75e-03	0.0
456	106	0.05	9.93e-04	-0.16	-4.58e-05	-8.55e-04	0.0
456	255	-0.01	-5.46e-03	-0.43	1.65e-05	-2.10e-03	0.0
456	259	0.04	6.62e-04	-0.14	1.06e-04	-6.98e-04	0.0
456	322	-9.47e-03	-3.22e-03	-0.36	3.92e-05	-1.77e-03	0.0
456	323	0.03	1.37e-03	-0.14	1.07e-04	-7.23e-04	0.0
456	324	-3.88e-03	8.89e-05	-0.16	1.05e-04	-7.69e-04	0.0
456	325	0.01	3.71e-03	-0.19	1.34e-04	-9.28e-04	0.0
456	327	-0.03	4.99e-03	-0.14	1.09e-04	-6.62e-04	0.0
456	347	-0.02	0.01	-0.17	1.55e-04	-8.15e-04	0.0
456	359	-0.01	1.94e-03	-0.14	9.65e-05	-7.03e-04	0.0
456	362	6.64e-03	-1.14e-03	-0.17	1.15e-04	-8.36e-04	0.0
456	379	-8.80e-03	5.34e-03	-0.15	9.63e-05	-7.56e-04	0.0
457	97	-0.03	-2.87e-03	-0.45	-3.79e-04	-4.60e-03	0.0
457	106	0.05	-1.68e-03	-0.13	-1.42e-04	-1.35e-03	0.0
457	151	-0.02	-3.58e-03	-0.13	-1.48e-04	-1.33e-03	0.0
457	255	-0.02	-2.03e-03	-0.28	-2.10e-04	-2.89e-03	0.0
457	259	0.04	-1.31e-03	-0.07	-6.97e-05	-7.21e-04	0.0
457	282	-0.01	-2.48e-03	-0.08	-7.98e-05	-7.71e-04	0.0
457	310	-3.33e-03	-1.59e-03	-0.08	-7.94e-05	-8.40e-04	0.0
457	322	-0.01	-9.02e-04	-0.23	-1.78e-04	-2.38e-03	0.0
457	323	0.03	-3.68e-04	-0.07	-7.28e-05	-7.55e-04	0.0
457	324	-3.04e-03	-6.02e-04	-0.08	-7.98e-05	-8.38e-04	0.0
457	333	0.02	3.19e-03	-0.10	-7.77e-05	-9.65e-04	0.0
457	336	-0.02	-4.40e-03	-0.07	-8.20e-05	-7.11e-04	0.0
457	344	-0.02	-0.01	-0.07	-1.09e-04	-8.63e-04	0.0
457	368	-0.01	-2.15e-03	-0.08	-7.39e-05	-7.64e-04	0.0
457	369	7.04e-03	4.87e-04	-0.09	-8.64e-05	-9.12e-04	0.0
457	376	-7.92e-03	-4.80e-03	-0.08	-7.14e-05	-8.21e-04	0.0
458	97	-0.02	-2.92e-03	-0.33	-2.31e-05	-3.37e-03	0.0
458	100	-0.02	-3.32e-03	-0.23	-1.25e-05	-2.40e-03	0.0
458	106	0.05	1.65e-03	-0.08	-5.71e-06	-9.22e-04	0.0
458	255	-0.01	-2.62e-03	-0.23	3.20e-05	-2.32e-03	0.0
458	259	0.04	9.33e-04	-0.07	7.99e-05	-7.52e-04	0.0
458	311	0.03	1.74e-03	-0.08	5.81e-05	-8.47e-04	0.0
458	322	-0.01	-1.10e-03	-0.19	4.39e-05	-1.96e-03	0.0
458	323	0.03	1.56e-03	-0.07	7.98e-05	-7.81e-04	0.0
458	324	-3.04e-03	6.02e-04	-0.08	7.98e-05	-8.38e-04	0.0
458	326	0.02	-3.20e-03	-0.10	7.73e-05	-9.59e-04	0.0
458	327	-0.02	4.40e-03	-0.07	8.23e-05	-7.17e-04	0.0
458	347	-0.02	0.01	-0.07	1.11e-04	-8.84e-04	0.0
458	359	-0.01	2.15e-03	-0.08	7.39e-05	-7.64e-04	0.0
458	362	7.04e-03	-4.87e-04	-0.09	8.64e-05	-9.12e-04	0.0
458	379	-7.92e-03	4.80e-03	-0.08	7.14e-05	-8.21e-04	0.0
459	97	-0.03	-1.43e-03	-0.03	-2.05e-04	-4.47e-03	0.0
459	106	0.05	-2.57e-04	-4.78e-03	-8.49e-05	-1.23e-03	0.0
459	141	-8.15e-03	-2.05e-03	-9.10e-03	-8.31e-05	-1.06e-03	0.0
459	255	-0.02	-1.41e-03	-0.01	-1.16e-04	-2.83e-03	0.0
459	256	-0.02	-1.55e-03	-0.01	-1.01e-04	-2.32e-03	0.0
459	259	0.04	-5.97e-04	-2.05e-03	-5.34e-05	-6.51e-04	0.0
459	310	-2.27e-03	-9.77e-04	-6.33e-03	-5.89e-05	-7.96e-04	0.0
459	322	-0.01	-5.42e-04	-0.01	-1.03e-04	-2.32e-03	0.0
459	323	0.03	6.62e-05	-3.23e-03	-5.57e-05	-6.94e-04	0.0
459	324	-1.99e-03	-2.25e-04	-6.62e-03	-5.97e-05	-7.95e-04	0.0
459	336	-0.02	-2.39e-03	-7.67e-03	-4.93e-05	-6.61e-04	0.0
459	344	-0.01	-7.10e-03	-4.07e-03	-3.70e-05	-8.11e-04	0.0
459	347	-5.11e-04	6.54e-03	-0.01	-7.98e-05	-6.87e-04	0.0
459	368	-0.01	-1.18e-03	-7.21e-03	-5.52e-05	-7.18e-04	0.0
459	376	-6.76e-03	-3.24e-03	-5.55e-03	-5.09e-05	-7.77e-04	0.0
459	379	-2.89e-03	2.73e-03	-8.27e-03	-6.72e-05	-7.66e-04	0.0
460	97	-0.02	-4.20e-04	-0.01	3.19e-05	-3.38e-03	0.0
460	106	0.05	7.20e-04	7.01e-04	1.72e-05	-8.73e-04	0.0
460	122	-4.60e-03	-1.48e-03	-6.87e-03	4.77e-05	-7.49e-04	0.0
460	255	-0.01	-8.73e-04	-0.01	4.30e-05	-2.32e-03	0.0
460	256	-0.01	-1.03e-03	-9.88e-03	4.75e-05	-1.94e-03	0.0
460	259	0.04	3.07e-05	-2.29e-03	5.85e-05	-6.94e-04	0.0
460	311	0.03	9.49e-04	-2.46e-03	4.95e-05	-7.95e-04	0.0
460	322	-0.01	-4.12e-05	-9.25e-03	4.68e-05	-1.95e-03	0.0

460	323	0.03	6.36e-04	-2.97e-03	5.85e-05	-7.27e-04	0.0
460	324	-1.99e-03	2.25e-04	-6.62e-03	5.97e-05	-7.95e-04	0.0
460	327	-0.02	2.39e-03	-7.65e-03	4.90e-05	-6.67e-04	0.0
460	344	-7.38e-04	-6.54e-03	-0.01	8.08e-05	-6.65e-04	0.0
460	347	-0.01	7.10e-03	-4.01e-03	3.61e-05	-8.33e-04	0.0
460	359	-0.01	1.18e-03	-7.21e-03	5.52e-05	-7.18e-04	0.0
460	376	-2.89e-03	-2.73e-03	-8.27e-03	6.72e-05	-7.66e-04	0.0
460	379	-6.76e-03	3.24e-03	-5.55e-03	5.09e-05	-7.77e-04	0.0
461	89	0.02	2.49e-04	-1.66	-1.21e-03	9.12e-04	0.0
461	105	0.05	-6.65e-05	-0.64	-4.90e-04	5.06e-04	0.0
461	152	-0.02	-3.31e-03	-0.38	-2.52e-04	3.16e-04	0.0
461	251	0.01	4.38e-04	-1.03	-6.56e-04	5.22e-04	0.0
461	270	0.04	-5.56e-04	-0.47	-3.73e-04	3.77e-04	0.0
461	282	-0.01	-1.79e-03	-0.29	-1.51e-04	2.46e-04	0.0
461	321	0.01	1.84e-03	-0.85	-5.28e-04	4.55e-04	0.0
461	323	0.03	1.66e-03	-0.28	-1.31e-04	2.29e-04	0.0
461	324	1.81e-03	1.13e-03	-0.31	-1.48e-04	2.55e-04	0.0
461	334	0.03	-6.66e-03	-0.38	-2.11e-04	3.01e-04	0.0
461	338	0.03	-8.75e-04	-0.37	-1.78e-04	3.01e-04	0.0
461	341	8.45e-03	0.03	-0.30	-3.53e-05	2.49e-04	0.0
461	366	0.01	-8.13e-04	-0.34	-1.64e-04	2.78e-04	0.0
461	370	0.01	1.45e-04	-0.34	-1.63e-04	2.78e-04	0.0
461	373	5.11e-03	8.61e-03	-0.32	-1.44e-04	2.53e-04	0.0
462	89	0.01	-0.02	-1.20	-2.63e-04	7.14e-04	0.0
462	105	0.05	-2.25e-03	-0.46	-6.42e-05	3.85e-04	0.0
462	251	0.01	-0.01	-0.82	0.0	4.74e-04	0.0
462	259	0.04	-6.50e-04	-0.28	1.47e-04	2.30e-04	0.0
462	321	0.01	-7.19e-03	-0.70	3.84e-05	4.21e-04	0.0
462	323	0.03	3.77e-04	-0.29	1.49e-04	2.38e-04	0.0
462	324	1.81e-03	-1.13e-03	-0.31	1.48e-04	2.55e-04	0.0
462	325	0.03	6.48e-03	-0.38	2.10e-04	3.02e-04	0.0
462	346	8.23e-03	-0.03	-0.29	3.90e-05	2.44e-04	0.0
462	357	0.01	8.13e-04	-0.34	1.64e-04	2.78e-04	0.0
462	361	0.01	-1.45e-04	-0.34	1.63e-04	2.78e-04	0.0
462	378	5.11e-03	-8.61e-03	-0.32	1.44e-04	2.53e-04	0.0
463	89	5.03e-04	-3.76e-04	-1.68	-1.16e-03	-4.34e-04	0.0
463	105	0.05	8.52e-05	-0.66	-5.16e-04	-1.39e-05	0.0
463	152	-0.02	-3.35e-03	-0.39	-2.69e-04	4.65e-06	0.0
463	251	6.67e-04	-3.16e-05	-1.04	-6.12e-04	-3.21e-04	0.0
463	259	0.04	3.10e-04	-0.28	-1.36e-04	-1.03e-05	0.0
463	282	-0.01	-1.82e-03	-0.30	-1.64e-04	3.40e-06	0.0
463	321	2.51e-03	1.51e-03	-0.86	-4.98e-04	-2.42e-04	0.0
463	323	0.03	1.77e-03	-0.30	-1.41e-04	-8.27e-06	0.0
463	324	9.00e-06	1.16e-03	-0.33	-1.60e-04	0.0	0.0
463	333	0.02	9.63e-03	-0.37	-1.53e-04	1.20e-05	0.0
463	334	0.02	-6.22e-03	-0.39	-2.25e-04	3.60e-06	0.0
463	341	9.22e-03	0.03	-0.31	-4.98e-05	1.62e-05	0.0
463	366	0.01	-8.16e-04	-0.35	-1.77e-04	5.52e-06	0.0
463	369	0.01	2.72e-03	-0.35	-1.73e-04	1.10e-06	0.0
463	373	3.45e-03	8.80e-03	-0.33	-1.57e-04	-4.26e-06	0.0
464	89	2.91e-03	-0.02	-1.22	-2.88e-04	-2.82e-04	0.0
464	105	0.05	-2.28e-03	-0.48	-5.18e-05	-4.11e-06	0.0
464	251	2.47e-03	-0.01	-0.84	-1.52e-05	-2.09e-04	0.0
464	259	0.04	-5.84e-04	-0.29	1.60e-04	-3.21e-06	0.0
464	321	3.83e-03	-6.82e-03	-0.71	3.05e-05	-1.57e-04	0.0
464	323	0.03	4.41e-04	-0.30	1.62e-04	-2.70e-06	0.0
464	324	9.00e-06	-1.16e-03	-0.33	1.60e-04	0.0	0.0
464	325	0.02	6.14e-03	-0.39	2.24e-04	3.22e-06	0.0
464	326	0.02	-9.56e-03	-0.37	1.54e-04	1.24e-05	0.0
464	346	8.96e-03	-0.03	-0.30	5.17e-05	1.75e-05	0.0
464	357	0.01	8.16e-04	-0.35	1.77e-04	5.52e-06	0.0
464	362	0.01	-2.72e-03	-0.35	1.73e-04	1.10e-06	0.0
464	378	3.45e-03	-8.80e-03	-0.33	1.57e-04	-4.26e-06	0.0
465	97	3.04e-03	2.25e-04	-1.65	-1.21e-03	-9.15e-04	0.0
465	106	0.05	-3.37e-04	-0.51	-4.03e-04	-4.32e-04	0.0
465	152	-0.02	-3.31e-03	-0.38	-2.52e-04	-3.07e-04	0.0
465	255	3.67e-03	4.22e-04	-1.03	-6.56e-04	-5.24e-04	0.0
465	259	0.04	3.71e-04	-0.27	-1.23e-04	-2.41e-04	0.0
465	282	-0.02	-1.79e-03	-0.29	-1.51e-04	-2.40e-04	0.0
465	322	4.32e-03	1.82e-03	-0.85	-5.28e-04	-4.58e-04	0.0
465	323	0.03	1.78e-03	-0.28	-1.29e-04	-2.45e-04	0.0
465	324	-1.79e-03	1.13e-03	-0.31	-1.48e-04	-2.55e-04	0.0
465	334	0.02	-5.56e-03	-0.37	-2.06e-04	-3.13e-04	0.0
465	336	-0.03	-6.66e-03	-0.27	-1.55e-04	-2.16e-04	0.0
465	341	9.13e-03	0.03	-0.30	-4.75e-05	-2.37e-04	0.0
465	366	9.75e-03	-7.88e-04	-0.34	-1.63e-04	-2.81e-04	0.0
465	368	-0.01	-1.35e-03	-0.29	-1.37e-04	-2.31e-04	0.0

465	373	2.40e-03	8.59e-03	-0.32	-1.45e-04	-2.58e-04	0.0
466	97	4.69e-03	-0.02	-1.19	-2.63e-04	-7.17e-04	0.0
466	106	0.05	-1.53e-03	-0.34	-1.45e-04	-2.93e-04	0.0
466	255	4.13e-03	-0.01	-0.82	0.0	-4.76e-04	0.0
466	259	0.03	-4.85e-04	-0.28	1.49e-04	-2.37e-04	0.0
466	322	4.49e-03	-7.18e-03	-0.70	3.83e-05	-4.23e-04	0.0
466	323	0.03	4.99e-04	-0.29	1.51e-04	-2.43e-04	0.0
466	324	-1.79e-03	-1.13e-03	-0.31	1.48e-04	-2.55e-04	0.0
466	325	0.02	5.54e-03	-0.38	2.06e-04	-3.15e-04	0.0
466	327	-0.03	6.64e-03	-0.27	1.55e-04	-2.18e-04	0.0
466	346	8.94e-03	-0.03	-0.29	4.78e-05	-2.30e-04	0.0
466	357	9.75e-03	7.88e-04	-0.34	1.63e-04	-2.81e-04	0.0
466	359	-0.01	1.35e-03	-0.29	1.37e-04	-2.31e-04	0.0
466	378	2.40e-03	-8.59e-03	-0.32	1.45e-04	-2.58e-04	0.0
467	97	-0.03	2.04e-04	0.12	-3.10e-05	-4.27e-03	4.77e-05
467	106	0.06	1.01e-03	0.03	-9.97e-06	-1.14e-03	3.70e-05
467	165	0.06	1.42e-03	0.04	-1.33e-05	-1.44e-03	4.23e-05
467	255	-0.02	-5.53e-04	0.07	-1.54e-05	-2.71e-03	2.39e-05
467	259	0.04	1.17e-04	0.02	-2.22e-06	-6.08e-04	1.96e-05
467	289	0.04	1.11e-03	0.03	-9.79e-06	-1.07e-03	3.10e-05
467	311	0.03	1.02e-03	0.03	-6.38e-06	-8.40e-04	2.06e-05
467	322	-0.01	1.41e-04	0.06	-1.33e-05	-2.23e-03	1.87e-05
467	323	0.03	6.44e-04	0.02	-3.40e-06	-6.52e-04	1.55e-05
467	324	-2.97e-04	2.40e-04	0.02	-4.17e-06	-7.57e-04	1.25e-05
467	334	0.02	-1.93e-03	0.03	-1.71e-06	-9.24e-04	1.18e-05
467	336	-0.02	-1.07e-03	0.01	0.0	-6.23e-04	3.63e-05
467	347	-1.30e-03	6.18e-03	0.02	-1.58e-05	-6.59e-04	-2.25e-05
467	366	8.39e-03	-7.76e-04	0.02	-3.22e-06	-8.36e-04	9.76e-06
467	368	-9.68e-03	-3.47e-04	0.02	-2.07e-06	-6.81e-04	2.20e-05
467	379	-1.86e-03	2.98e-03	0.02	-9.07e-06	-7.29e-04	2.96e-06
468	97	-0.03	4.13e-04	0.11	-1.88e-04	-4.44e-03	0.0
468	106	0.05	1.54e-03	0.03	-7.86e-05	-1.21e-03	0.0
468	165	0.05	2.00e-03	0.04	-1.14e-04	-1.53e-03	0.0
468	255	-0.02	-5.05e-04	0.07	-1.06e-04	-2.81e-03	0.0
468	259	0.04	4.55e-04	0.02	-5.10e-05	-6.44e-04	0.0
468	289	0.04	1.54e-03	0.03	-8.31e-05	-1.13e-03	0.0
468	311	0.03	1.34e-03	0.02	-6.65e-05	-8.86e-04	0.0
468	322	-0.01	2.14e-04	0.06	-9.50e-05	-2.31e-03	0.0
468	323	0.03	9.34e-04	0.02	-5.34e-05	-6.87e-04	0.0
468	324	-1.90e-03	4.18e-04	0.02	-5.74e-05	-7.89e-04	0.0
468	334	0.01	-1.79e-03	0.02	-5.50e-05	-9.61e-04	0.0
468	336	-0.02	-7.54e-04	0.01	-4.77e-05	-6.55e-04	0.0
468	347	-4.35e-04	6.21e-03	0.01	-7.65e-05	-6.82e-04	0.0
468	366	7.04e-03	-6.28e-04	0.02	-5.68e-05	-8.70e-04	0.0
468	368	-0.01	-1.07e-04	0.01	-5.31e-05	-7.12e-04	0.0
468	379	-2.81e-03	3.11e-03	0.01	-6.50e-05	-7.60e-04	0.0
469	97	-0.02	-7.35e-04	0.11	-1.59e-05	-3.94e-03	-1.40e-06
469	106	0.06	-2.48e-04	0.03	-1.15e-05	-1.04e-03	-2.60e-05
469	141	-5.06e-03	-1.90e-03	0.02	-1.78e-06	-9.74e-04	-1.20e-05
469	255	-0.02	-9.76e-04	0.07	-6.59e-06	-2.54e-03	1.15e-06
469	259	0.04	-6.68e-04	0.02	-4.02e-06	-6.09e-04	-1.99e-05
469	282	-0.01	-1.34e-03	0.02	-1.99e-06	-6.52e-04	-1.14e-05
469	310	-3.24e-04	-8.98e-04	0.02	-1.55e-06	-7.40e-04	-9.01e-06
469	322	-0.01	-2.40e-04	0.06	-5.98e-06	-2.10e-03	-2.24e-06
469	323	0.03	-8.96e-06	0.02	-4.05e-06	-6.48e-04	-1.81e-05
469	324	-2.94e-04	-1.87e-04	0.02	-2.26e-06	-7.40e-04	-1.01e-05
469	334	0.02	-1.90e-03	0.03	1.27e-06	-8.92e-04	4.42e-06
469	336	-0.02	-2.24e-03	0.01	0.0	-5.97e-04	-1.16e-05
469	344	-7.18e-03	-6.57e-03	0.02	6.45e-06	-7.12e-04	9.00e-06
469	366	8.60e-03	-9.52e-04	0.02	0.0	-8.16e-04	-4.26e-06
469	368	-9.41e-03	-1.12e-03	0.02	-1.51e-06	-6.64e-04	-1.23e-05
469	376	-3.36e-03	-3.07e-03	0.02	1.63e-06	-7.19e-04	-5.29e-06
470	97	-0.02	-7.34e-05	0.10	-8.78e-06	-3.60e-03	4.06e-05
470	106	0.06	5.60e-04	0.03	-2.36e-06	-9.32e-04	1.82e-05
470	122	-3.45e-03	-1.44e-03	0.02	3.75e-06	-7.04e-04	1.29e-05
470	255	-0.02	-6.55e-04	0.06	-2.17e-06	-2.39e-03	2.32e-05
470	259	0.04	-1.33e-04	0.02	3.32e-06	-6.23e-04	9.39e-06
470	267	-2.39e-03	-8.91e-04	0.02	3.37e-06	-7.28e-04	1.21e-05
470	311	0.03	8.42e-04	0.02	0.0	-7.70e-04	1.28e-05
470	322	-0.01	8.31e-05	0.05	-1.65e-06	-1.98e-03	1.88e-05
470	323	0.03	4.75e-04	0.02	2.46e-06	-6.60e-04	8.49e-06
470	324	-2.94e-04	1.87e-04	0.02	2.26e-06	-7.40e-04	1.01e-05
470	325	0.02	1.90e-03	0.03	-1.28e-06	-8.97e-04	-4.42e-06
470	327	-0.02	2.24e-03	0.01	0.0	-6.03e-04	1.16e-05
470	347	-6.95e-03	6.57e-03	0.02	-6.47e-06	-7.29e-04	-9.02e-06
470	357	8.60e-03	9.52e-04	0.02	0.0	-8.16e-04	4.26e-06
470	359	-9.41e-03	1.12e-03	0.02	1.51e-06	-6.64e-04	1.23e-05

470	379	-3.36e-03	3.07e-03	0.02	-1.63e-06	-7.19e-04	5.29e-06
471	97	-0.02	-4.06e-04	0.09	-1.50e-05	-3.31e-03	1.41e-05
471	106	0.05	-9.40e-05	0.03	-9.11e-06	-8.37e-04	-2.02e-05
471	141	-4.78e-03	-1.88e-03	0.02	7.24e-06	-9.94e-04	-1.24e-05
471	255	-0.01	-8.19e-04	0.06	-3.17e-06	-2.27e-03	9.41e-06
471	259	0.04	-6.62e-04	0.02	3.61e-06	-6.53e-04	-1.97e-05
471	282	-0.01	-1.33e-03	0.02	4.22e-06	-6.65e-04	-1.30e-05
471	310	-2.01e-04	-9.09e-04	0.02	4.97e-06	-7.57e-04	-9.90e-06
471	322	-9.40e-03	-1.67e-04	0.05	-1.85e-06	-1.90e-03	2.37e-06
471	323	0.03	-4.90e-05	0.02	3.24e-06	-6.87e-04	-1.94e-05
471	324	-2.97e-04	-2.40e-04	0.02	4.17e-06	-7.57e-04	-1.25e-05
471	325	0.02	1.93e-03	0.03	1.69e-06	-9.30e-04	-1.18e-05
471	327	-0.02	1.07e-03	0.01	0.0	-6.29e-04	-3.63e-05
471	344	-1.53e-03	-6.18e-03	0.02	1.59e-05	-6.38e-04	2.25e-05
471	357	8.39e-03	7.76e-04	0.02	3.22e-06	-8.36e-04	-9.76e-06
471	359	-9.68e-03	3.47e-04	0.02	2.07e-06	-6.81e-04	-2.20e-05
471	376	-1.86e-03	-2.98e-03	0.02	9.07e-06	-7.29e-04	-2.96e-06
472	97	-0.02	-5.20e-04	0.09	3.50e-05	-3.37e-03	0.0
472	106	0.05	-4.54e-04	0.03	1.82e-05	-8.67e-04	0.0
472	141	-6.70e-03	-2.14e-03	0.02	8.00e-05	-1.04e-03	0.0
472	255	-0.01	-8.51e-04	0.06	4.29e-05	-2.32e-03	0.0
472	259	0.04	-9.26e-04	0.02	5.60e-05	-6.88e-04	0.0
472	282	-0.01	-1.59e-03	0.01	5.56e-05	-6.98e-04	0.0
472	310	-1.62e-03	-1.08e-03	0.02	5.82e-05	-7.89e-04	0.0
472	322	-9.98e-03	-2.31e-04	0.05	4.61e-05	-1.94e-03	0.0
472	323	0.03	-2.87e-04	0.02	5.60e-05	-7.21e-04	0.0
472	324	-1.90e-03	-4.18e-04	0.02	5.74e-05	-7.89e-04	0.0
472	325	0.01	1.79e-03	0.02	5.47e-05	-9.67e-04	0.0
472	327	-0.02	7.53e-04	0.01	4.74e-05	-6.61e-04	0.0
472	344	-6.63e-04	-6.21e-03	0.01	7.74e-05	-6.61e-04	0.0
472	357	7.04e-03	6.28e-04	0.02	5.68e-05	-8.70e-04	0.0
472	359	-0.01	1.07e-04	0.01	5.31e-05	-7.12e-04	0.0
472	376	-2.81e-03	-3.11e-03	0.01	6.50e-05	-7.60e-04	0.0
473	105	0.06	5.33e-04	0.11	-3.05e-05	4.22e-03	-4.66e-05
473	122	-3.06e-03	-1.25e-03	0.02	-1.75e-06	7.03e-04	-1.80e-05
473	259	0.05	-3.08e-04	0.07	-1.50e-05	2.67e-03	-2.26e-05
473	270	0.04	6.04e-04	0.07	-1.85e-05	2.70e-03	-3.63e-05
473	289	0.04	8.51e-04	0.07	-1.78e-05	2.69e-03	-3.52e-05
473	311	0.03	8.16e-04	0.05	-1.25e-05	2.07e-03	-2.37e-05
473	323	0.04	3.14e-04	0.06	-1.31e-05	2.21e-03	-1.80e-05
473	324	3.24e-04	2.40e-04	0.02	-4.17e-06	7.54e-04	-1.25e-05
473	333	0.02	1.52e-03	0.03	-8.89e-06	1.04e-03	4.79e-06
473	334	0.02	-1.94e-03	0.03	-2.56e-06	1.03e-03	-5.46e-06
473	347	-7.12e-04	6.13e-03	0.02	-1.43e-05	6.90e-04	0.0
473	365	9.68e-03	8.12e-04	0.02	-6.38e-06	8.99e-04	-4.64e-06
473	366	9.00e-03	-7.81e-04	0.02	-3.53e-06	9.01e-04	-8.14e-06
473	379	-1.24e-03	2.96e-03	0.02	-8.69e-06	7.08e-04	-8.49e-06
474	105	0.07	-1.08e-03	-0.03	-2.03e-04	4.41e-03	0.0
474	141	-1.36e-03	-1.99e-03	-7.96e-03	-8.25e-05	1.04e-03	0.0
474	270	0.05	-6.12e-04	-0.02	-1.28e-04	2.82e-03	0.0
474	282	-7.30e-03	-1.41e-03	-4.95e-03	-5.77e-05	7.07e-04	0.0
474	310	2.06e-03	-9.47e-04	-6.33e-03	-5.88e-05	7.91e-04	0.0
474	323	0.04	-3.48e-04	-0.02	-1.02e-04	2.30e-03	0.0
474	324	2.01e-03	-2.25e-04	-6.62e-03	-5.96e-05	7.91e-04	0.0
474	333	0.02	1.61e-03	-9.95e-03	-7.19e-05	1.09e-03	0.0
474	341	0.01	5.61e-03	-0.01	-7.77e-05	9.02e-04	0.0
474	344	-8.02e-03	-6.06e-03	-2.97e-03	-4.16e-05	6.81e-04	0.0
474	366	0.01	-9.83e-04	-7.48e-03	-6.12e-05	9.42e-04	0.0
474	373	3.18e-03	2.52e-03	-8.33e-03	-6.85e-05	8.34e-04	0.0
474	376	8.50e-04	-2.97e-03	-4.91e-03	-5.08e-05	7.48e-04	0.0
475	105	0.07	7.69e-04	0.10	-1.86e-04	4.39e-03	0.0
475	165	0.06	1.49e-03	0.09	-1.59e-04	3.77e-03	0.0
475	259	0.05	-2.41e-04	0.07	-1.05e-04	2.77e-03	0.0
475	270	0.05	9.20e-04	0.07	-1.18e-04	2.80e-03	0.0
475	289	0.05	1.16e-03	0.07	-1.16e-04	2.79e-03	0.0
475	311	0.04	1.04e-03	0.05	-9.17e-05	2.14e-03	0.0
475	323	0.04	3.94e-04	0.05	-9.43e-05	2.29e-03	0.0
475	324	1.93e-03	4.18e-04	0.02	-5.74e-05	7.86e-04	0.0
475	333	0.02	1.58e-03	0.02	-6.91e-05	1.08e-03	0.0
475	334	0.02	-1.82e-03	0.02	-5.93e-05	1.07e-03	0.0
475	347	1.94e-03	6.24e-03	0.01	-7.16e-05	7.12e-04	0.0
475	366	0.01	-6.36e-04	0.02	-5.85e-05	9.36e-04	0.0
475	379	-1.98e-03	3.12e-03	0.01	-6.42e-05	7.39e-04	0.0
476	105	0.06	-4.17e-04	0.10	-1.63e-05	3.88e-03	4.17e-06
476	141	-4.15e-03	-1.90e-03	0.03	-1.85e-06	9.57e-04	1.43e-05
476	259	0.04	-7.35e-04	0.06	-6.84e-06	2.51e-03	1.31e-06
476	282	-9.74e-03	-1.33e-03	0.02	-2.00e-06	6.47e-04	1.27e-05

476	310	2.94e-04	-8.91e-04	0.02	-1.52e-06	7.36e-04	9.78e-06
476	323	0.03	-5.96e-05	0.05	-6.12e-06	2.08e-03	3.25e-06
476	324	3.21e-04	-1.87e-04	0.02	-2.26e-06	7.36e-04	1.01e-05
476	333	0.02	1.78e-03	0.03	-3.92e-06	1.02e-03	-4.14e-06
476	334	0.02	-1.84e-03	0.03	1.38e-06	1.01e-03	6.72e-06
476	344	-6.55e-03	-6.33e-03	0.02	6.36e-06	6.45e-04	3.06e-05
476	365	9.42e-03	7.21e-04	0.02	-2.94e-06	8.78e-04	4.25e-06
476	366	9.19e-03	-9.37e-04	0.02	0.0	8.79e-04	7.12e-06
476	376	-2.74e-03	-3.01e-03	0.02	1.58e-06	6.94e-04	1.61e-05
477	105	0.06	3.10e-04	0.09	-8.60e-06	3.55e-03	-4.03e-05
477	122	-2.81e-03	-1.41e-03	0.02	3.95e-06	6.87e-04	-1.16e-05
477	259	0.04	-3.68e-04	0.06	-2.04e-06	2.36e-03	-2.24e-05
477	267	-1.75e-03	-8.74e-04	0.02	3.50e-06	7.16e-04	-1.13e-05
477	311	0.03	7.46e-04	0.05	-1.34e-06	1.82e-03	-2.01e-05
477	323	0.03	2.89e-04	0.05	-1.65e-06	1.97e-03	-1.86e-05
477	324	3.21e-04	1.87e-04	0.02	2.26e-06	7.36e-04	-1.01e-05
477	325	0.02	1.84e-03	0.03	-1.38e-06	1.01e-03	-6.68e-06
477	326	0.02	-1.78e-03	0.03	3.92e-06	1.02e-03	4.10e-06
477	347	-6.33e-03	6.33e-03	0.02	-6.36e-06	6.44e-04	-3.05e-05
477	357	9.19e-03	9.37e-04	0.02	0.0	8.79e-04	-7.12e-06
477	358	9.42e-03	-7.21e-04	0.02	2.94e-06	8.78e-04	-4.25e-06
477	379	-2.74e-03	3.01e-03	0.02	-1.58e-06	6.94e-04	-1.61e-05
478	105	0.06	-1.08e-04	0.08	-1.54e-05	3.27e-03	-9.71e-06
478	141	-3.91e-03	-1.88e-03	0.03	7.15e-06	9.77e-04	1.51e-05
478	259	0.04	-5.94e-04	0.06	-3.42e-06	2.24e-03	-5.74e-06
478	282	-9.58e-03	-1.34e-03	0.02	4.22e-06	6.60e-04	1.47e-05
478	310	4.03e-04	-9.04e-04	0.02	5.00e-06	7.54e-04	1.08e-05
478	323	0.03	5.76e-06	0.05	-1.97e-06	1.88e-03	0.0
478	324	3.24e-04	-2.40e-04	0.02	4.17e-06	7.54e-04	1.25e-05
478	325	0.02	1.94e-03	0.03	2.55e-06	1.03e-03	5.49e-06
478	326	0.02	-1.52e-03	0.03	8.89e-06	1.04e-03	-4.83e-06
478	344	-9.51e-04	-6.14e-03	0.02	1.43e-05	6.90e-04	-1.06e-06
478	357	9.00e-03	7.81e-04	0.02	3.53e-06	9.01e-04	8.14e-06
478	358	9.68e-03	-8.12e-04	0.02	6.38e-06	8.99e-04	4.64e-06
478	376	-1.24e-03	-2.96e-03	0.02	8.69e-06	7.08e-04	8.49e-06
479	105	0.06	-2.55e-04	0.08	3.48e-05	3.33e-03	0.0
479	141	-1.77e-03	-2.16e-03	0.02	7.97e-05	1.02e-03	0.0
479	165	0.06	-1.81e-04	0.07	3.50e-05	2.92e-03	0.0
479	259	0.04	-6.50e-04	0.05	4.27e-05	2.29e-03	0.0
479	282	-7.59e-03	-1.60e-03	0.02	5.56e-05	6.94e-04	0.0
479	289	0.04	-6.40e-05	0.05	2.43e-05	2.16e-03	0.0
479	310	1.88e-03	-1.08e-03	0.02	5.82e-05	7.85e-04	0.0
479	311	0.03	9.16e-05	0.04	3.75e-05	1.77e-03	0.0
479	323	0.03	-6.89e-05	0.05	4.62e-05	1.93e-03	0.0
479	324	1.93e-03	-4.18e-04	0.02	5.74e-05	7.86e-04	0.0
479	325	0.02	1.82e-03	0.02	5.90e-05	1.07e-03	0.0
479	326	0.02	-1.58e-03	0.02	6.94e-05	1.08e-03	0.0
479	344	1.69e-03	-6.25e-03	0.01	7.26e-05	7.21e-04	0.0
479	357	0.01	6.36e-04	0.02	5.85e-05	9.36e-04	0.0
479	376	-1.98e-03	-3.12e-03	0.01	6.42e-05	7.39e-04	0.0
480	105	0.06	1.37e-05	-0.02	3.19e-05	3.34e-03	0.0
480	122	-1.17e-03	-1.40e-03	-6.08e-03	4.74e-05	7.33e-04	0.0
480	165	0.06	6.67e-04	-0.02	3.24e-05	2.92e-03	0.0
480	259	0.04	-5.35e-04	-0.01	4.30e-05	2.30e-03	0.0
480	267	-5.38e-05	-8.60e-04	-6.77e-03	6.01e-05	7.70e-04	0.0
480	289	0.04	5.60e-04	-0.01	2.24e-05	2.17e-03	0.0
480	311	0.03	6.82e-04	-0.01	3.73e-05	1.77e-03	0.0
480	323	0.03	1.84e-04	-0.01	4.70e-05	1.93e-03	0.0
480	324	2.01e-03	2.25e-04	-6.62e-03	5.96e-05	7.91e-04	0.0
480	326	0.02	-1.61e-03	-9.95e-03	7.22e-05	1.09e-03	0.0
480	346	0.01	-5.60e-03	-0.01	7.89e-05	9.01e-04	0.0
480	347	-7.77e-03	6.06e-03	-2.95e-03	4.04e-05	6.81e-04	0.0
480	357	0.01	9.83e-04	-7.48e-03	6.12e-05	9.42e-04	0.0
480	378	3.18e-03	-2.52e-03	-8.33e-03	6.85e-05	8.34e-04	0.0
480	379	8.50e-04	2.97e-03	-4.91e-03	5.08e-05	7.48e-04	0.0
481	105	0.07	-2.37e-03	-0.45	-3.74e-04	4.55e-03	0.0
481	151	-6.81e-03	-3.39e-03	-0.13	-1.47e-04	1.32e-03	0.0
481	270	0.05	-1.92e-03	-0.29	-2.31e-04	2.93e-03	0.0
481	282	-5.73e-03	-2.33e-03	-0.07	-7.92e-05	7.67e-04	0.0
481	310	3.13e-03	-1.48e-03	-0.08	-7.92e-05	8.36e-04	0.0
481	311	0.04	-7.15e-04	-0.22	-1.67e-04	2.23e-03	0.0
481	323	0.04	-6.26e-04	-0.23	-1.76e-04	2.36e-03	0.0
481	324	3.07e-03	-6.02e-04	-0.08	-7.98e-05	8.35e-04	0.0
481	333	0.02	1.88e-03	-0.11	-9.80e-05	1.13e-03	0.0
481	344	-6.44e-03	-6.93e-03	-0.07	-6.26e-05	7.24e-04	0.0
481	365	0.01	6.25e-04	-0.10	-8.90e-05	9.81e-04	0.0
481	366	0.01	-1.16e-03	-0.10	-8.53e-05	9.83e-04	0.0

481	376	1.93e-03	-3.72e-03	-0.08	-7.16e-05	7.94e-04	0.0
482	105	0.06	-2.14e-03	-0.33	-2.14e-05	3.34e-03	0.0
482	108	0.04	-2.59e-03	-0.23	-1.13e-05	2.37e-03	0.0
482	165	0.06	-4.41e-05	-0.29	-1.59e-05	2.95e-03	0.0
482	259	0.04	-1.98e-03	-0.23	3.32e-05	2.30e-03	0.0
482	289	0.04	3.75e-05	-0.21	-1.41e-05	2.19e-03	0.0
482	311	0.04	4.64e-04	-0.18	2.44e-05	1.80e-03	0.0
482	322	-4.99e-03	1.39e-03	-0.08	8.00e-05	7.69e-04	0.0
482	323	0.03	-7.37e-04	-0.19	4.50e-05	1.95e-03	0.0
482	324	3.07e-03	6.02e-04	-0.08	7.98e-05	8.35e-04	0.0
482	326	0.02	-1.88e-03	-0.11	9.84e-05	1.13e-03	0.0
482	347	-6.19e-03	6.93e-03	-0.07	6.13e-05	7.25e-04	0.0
482	357	0.01	1.16e-03	-0.10	8.53e-05	9.83e-04	0.0
482	358	0.01	-6.25e-04	-0.10	8.90e-05	9.81e-04	0.0
482	379	1.93e-03	3.72e-03	-0.08	7.16e-05	7.94e-04	0.0
483	105	0.07	-9.22e-04	-0.86	-6.40e-04	4.16e-03	0.0
483	127	0.07	-1.98e-03	-0.75	-5.22e-04	3.71e-03	0.0
483	151	-4.37e-03	-3.10e-03	-0.25	-2.12e-04	1.23e-03	0.0
483	270	0.05	-1.32e-03	-0.55	-3.84e-04	2.75e-03	0.0
483	282	-4.17e-03	-2.08e-03	-0.14	-1.06e-04	7.12e-04	0.0
483	310	3.97e-03	-1.09e-03	-0.16	-1.05e-04	7.67e-04	0.0
483	311	0.04	0.0	-0.42	-2.68e-04	2.09e-03	0.0
483	323	0.04	4.34e-04	-0.44	-2.90e-04	2.15e-03	0.0
483	324	3.91e-03	-9.00e-05	-0.16	-1.05e-04	7.66e-04	0.0
483	333	0.02	2.62e-03	-0.21	-1.35e-04	1.02e-03	0.0
483	344	-4.66e-03	-7.06e-03	-0.14	-8.18e-05	7.15e-04	0.0
483	365	0.01	1.25e-03	-0.19	-1.19e-04	8.98e-04	0.0
483	366	0.01	-7.09e-04	-0.18	-1.17e-04	9.02e-04	0.0
483	376	2.79e-03	-3.51e-03	-0.15	-9.71e-05	7.32e-04	0.0
484	105	0.06	-6.22e-03	-0.62	-1.01e-04	3.02e-03	0.0
484	106	0.05	-6.23e-03	-0.56	-1.63e-04	2.72e-03	0.0
484	165	0.06	-2.81e-03	-0.55	-9.89e-05	2.74e-03	0.0
484	259	0.04	-4.59e-03	-0.43	1.95e-05	2.08e-03	0.0
484	289	0.04	-2.00e-03	-0.41	-7.62e-05	2.03e-03	0.0
484	311	0.04	-9.96e-04	-0.34	0.0	1.66e-03	0.0
484	323	0.03	-2.74e-03	-0.36	4.16e-05	1.76e-03	0.0
484	324	3.91e-03	9.00e-05	-0.16	1.05e-04	7.66e-04	0.0
484	326	0.02	-2.62e-03	-0.21	1.35e-04	1.02e-03	0.0
484	347	-4.43e-03	7.06e-03	-0.14	8.21e-05	7.15e-04	0.0
484	357	0.01	7.09e-04	-0.18	1.17e-04	9.02e-04	0.0
484	358	0.01	-1.25e-03	-0.19	1.19e-04	8.98e-04	0.0
484	379	2.79e-03	3.51e-03	-0.15	9.71e-05	7.32e-04	0.0
485	105	0.06	4.51e-04	-1.21	-8.88e-04	3.36e-03	0.0
485	127	0.07	-1.17e-03	-1.07	-7.04e-04	3.21e-03	0.0
485	152	-4.91e-03	-2.86e-03	-0.26	-1.86e-04	7.76e-04	0.0
485	270	0.05	-7.06e-04	-0.79	-5.18e-04	2.38e-03	0.0
485	282	-3.51e-03	-1.67e-03	-0.20	-1.17e-04	5.92e-04	0.0
485	311	0.04	7.28e-04	-0.60	-3.54e-04	1.80e-03	0.0
485	323	0.03	1.50e-03	-0.63	-3.94e-04	1.73e-03	0.0
485	324	3.89e-03	4.83e-04	-0.22	-1.16e-04	6.33e-04	0.0
485	333	0.02	3.46e-03	-0.30	-1.58e-04	8.40e-04	0.0
485	341	0.01	8.22e-03	-0.25	-1.48e-04	6.71e-04	0.0
485	365	0.01	1.93e-03	-0.26	-1.34e-04	7.41e-04	0.0
485	369	0.01	1.77e-03	-0.26	-1.35e-04	7.42e-04	0.0
485	373	6.95e-03	4.18e-03	-0.23	-1.19e-04	6.59e-04	0.0
486	105	0.05	-0.01	-0.87	-1.91e-04	2.43e-03	0.0
486	165	0.06	-5.87e-03	-0.78	-2.05e-04	2.35e-03	0.0
486	259	0.04	-7.04e-03	-0.60	0.0	1.67e-03	0.0
486	289	0.04	-4.25e-03	-0.58	-1.55e-04	1.74e-03	0.0
486	311	0.03	-2.61e-03	-0.48	-4.03e-05	1.42e-03	0.0
486	323	0.03	-4.65e-03	-0.51	3.01e-05	1.42e-03	0.0
486	324	3.89e-03	-4.83e-04	-0.22	1.16e-04	6.33e-04	0.0
486	326	0.02	-3.46e-03	-0.30	1.57e-04	8.40e-04	0.0
486	346	0.01	-8.23e-03	-0.25	1.47e-04	6.71e-04	0.0
486	358	0.01	-1.93e-03	-0.26	1.34e-04	7.41e-04	0.0
486	362	0.01	-1.77e-03	-0.26	1.35e-04	7.42e-04	0.0
486	378	6.95e-03	-4.18e-03	-0.23	1.19e-04	6.59e-04	0.0
487	105	0.05	1.28e-03	-1.47	-1.06e-03	2.26e-03	0.0
487	127	0.06	-4.25e-04	-1.34	-8.66e-04	2.52e-03	0.0
487	152	-4.97e-03	-2.64e-03	-0.33	-2.14e-04	5.76e-04	0.0
487	259	0.03	1.41e-03	-0.92	-5.76e-04	1.38e-03	0.0
487	270	0.04	-1.55e-04	-0.99	-6.38e-04	1.87e-03	0.0
487	311	0.03	1.35e-03	-0.75	-4.33e-04	1.42e-03	0.0
487	323	0.03	2.23e-03	-0.76	-4.64e-04	1.16e-03	0.0
487	324	3.20e-03	9.52e-04	-0.27	-1.26e-04	4.69e-04	0.0
487	333	0.02	4.18e-03	-0.37	-1.78e-04	6.22e-04	0.0
487	341	9.48e-03	9.28e-03	-0.31	-1.66e-04	4.94e-04	0.0

487	365	9.79e-03	2.49e-03	-0.32	-1.47e-04	5.50e-04	0.0
487	369	9.63e-03	2.32e-03	-0.32	-1.49e-04	5.50e-04	0.0
487	373	5.89e-03	4.83e-03	-0.29	-1.28e-04	4.88e-04	0.0
488	105	0.04	-0.01	-1.06	-2.61e-04	1.67e-03	0.0
488	165	0.05	-8.64e-03	-0.98	-2.78e-04	1.85e-03	0.0
488	259	0.03	-8.70e-03	-0.74	-1.68e-05	1.14e-03	0.0
488	289	0.04	-6.29e-03	-0.72	-2.09e-04	1.37e-03	0.0
488	311	0.03	-4.07e-03	-0.60	-6.59e-05	1.12e-03	0.0
488	323	0.03	-5.98e-03	-0.62	2.07e-05	9.80e-04	0.0
488	324	3.20e-03	-9.52e-04	-0.27	1.26e-04	4.69e-04	0.0
488	326	0.02	-4.19e-03	-0.37	1.78e-04	6.22e-04	0.0
488	346	9.29e-03	-9.30e-03	-0.31	1.65e-04	4.94e-04	0.0
488	358	9.79e-03	-2.49e-03	-0.32	1.47e-04	5.50e-04	0.0
488	362	9.63e-03	-2.32e-03	-0.32	1.49e-04	5.50e-04	0.0
488	378	5.89e-03	-4.83e-03	-0.29	1.28e-04	4.88e-04	0.0
489	97	-0.01	-1.22e-03	-0.44	-3.63e-04	-1.30e-03	0.0
489	127	-9.62e-04	1.19e-03	-1.20	-8.82e-04	-3.39e-03	0.0
489	150	-0.01	-2.33e-03	-0.37	-3.19e-04	-1.09e-03	0.0
489	255	-8.18e-03	-3.42e-04	-0.19	-9.85e-05	-5.57e-04	0.0
489	270	-5.93e-04	9.81e-04	-0.89	-6.50e-04	-2.51e-03	0.0
489	289	-4.39e-04	1.29e-03	-0.88	-6.42e-04	-2.50e-03	0.0
489	311	1.97e-04	1.74e-03	-0.67	-4.54e-04	-1.90e-03	0.0
489	322	-6.43e-03	4.56e-04	-0.20	-1.04e-04	-5.84e-04	0.0
489	324	-3.81e-03	4.76e-04	-0.22	-1.16e-04	-6.38e-04	0.0
489	328	-9.34e-03	-1.90e-03	-0.14	-7.37e-05	-4.28e-04	0.0
489	333	1.72e-03	2.67e-03	-0.30	-1.59e-04	-8.49e-04	0.0
489	341	-5.03e-05	5.14e-03	-0.25	-1.56e-04	-6.82e-04	0.0
489	360	-6.57e-03	-6.40e-04	-0.18	-9.75e-05	-5.28e-04	0.0
489	369	-1.10e-03	1.39e-03	-0.26	-1.35e-04	-7.49e-04	0.0
489	373	-2.00e-03	2.56e-03	-0.23	-1.26e-04	-6.67e-04	0.0
490	97	-0.01	-6.63e-04	-0.55	-4.23e-04	-9.66e-04	0.0
490	127	9.57e-03	1.95e-03	-1.46	-1.06e-03	-2.30e-03	0.0
490	165	9.78e-03	2.51e-03	-1.46	-1.04e-03	-2.29e-03	0.0
490	255	-8.74e-03	1.42e-04	-0.23	-1.05e-04	-4.17e-04	0.0
490	270	7.22e-03	1.56e-03	-1.08	-7.79e-04	-1.70e-03	0.0
490	289	7.36e-03	1.94e-03	-1.08	-7.70e-04	-1.70e-03	0.0
490	311	6.13e-03	2.46e-03	-0.82	-5.39e-04	-1.29e-03	0.0
490	322	-6.58e-03	1.07e-03	-0.25	-1.11e-04	-4.35e-04	0.0
490	324	-3.12e-03	9.47e-04	-0.27	-1.26e-04	-4.75e-04	0.0
490	333	3.84e-03	3.57e-03	-0.37	-1.78e-04	-6.31e-04	0.0
490	336	-0.01	-1.68e-03	-0.18	-7.31e-05	-3.18e-04	0.0
490	341	1.05e-03	7.01e-03	-0.31	-1.71e-04	-5.02e-04	0.0
490	366	-2.87e-04	6.45e-04	-0.32	-1.48e-04	-5.61e-04	0.0
490	368	-6.60e-03	-2.76e-04	-0.22	-1.04e-04	-3.93e-04	0.0
490	373	-1.12e-03	3.66e-03	-0.29	-1.29e-04	-4.93e-04	0.0
491	127	0.01	-0.01	-1.06	-2.52e-04	-1.69e-03	0.0
491	128	0.02	-0.01	-0.95	-3.24e-04	-1.51e-03	0.0
491	165	0.01	-0.01	-1.06	-2.39e-04	-1.70e-03	0.0
491	270	0.01	-8.93e-03	-0.78	-1.89e-04	-1.25e-03	0.0
491	289	0.01	-8.56e-03	-0.79	-1.80e-04	-1.25e-03	0.0
491	311	7.52e-03	-5.87e-03	-0.64	-4.47e-05	-1.03e-03	0.0
491	324	-3.12e-03	-9.47e-04	-0.27	1.26e-04	-4.75e-04	0.0
491	326	3.86e-03	-3.58e-03	-0.37	1.79e-04	-6.31e-04	0.0
491	327	-0.01	1.68e-03	-0.18	7.24e-05	-3.18e-04	0.0
491	346	1.14e-03	-7.03e-03	-0.31	1.73e-04	-5.02e-04	0.0
491	357	-2.87e-04	-6.45e-04	-0.32	1.48e-04	-5.61e-04	0.0
491	359	-6.60e-03	2.76e-04	-0.22	1.04e-04	-3.93e-04	0.0
491	378	-1.12e-03	-3.66e-03	-0.29	1.29e-04	-4.93e-04	0.0
492	97	-0.01	-7.45e-04	-0.32	-3.82e-05	-9.43e-04	0.0
492	127	5.82e-03	-9.29e-03	-0.87	-1.82e-04	-2.45e-03	0.0
492	165	5.59e-03	-8.83e-03	-0.87	-1.70e-04	-2.46e-03	0.0
492	255	-7.94e-03	1.98e-04	-0.19	1.12e-04	-5.70e-04	0.0
492	270	4.34e-03	-6.79e-03	-0.64	-1.37e-04	-1.81e-03	0.0
492	289	4.19e-03	-6.48e-03	-0.64	-1.29e-04	-1.82e-03	0.0
492	311	2.71e-03	-4.42e-03	-0.53	-2.13e-05	-1.49e-03	0.0
492	322	-6.73e-03	4.77e-04	-0.20	1.14e-04	-5.95e-04	0.0
492	324	-3.81e-03	-4.76e-04	-0.22	1.16e-04	-6.38e-04	0.0
492	326	1.76e-03	-2.68e-03	-0.30	1.60e-04	-8.49e-04	0.0
492	335	-9.38e-03	1.90e-03	-0.14	7.28e-05	-4.28e-04	0.0
492	346	5.91e-05	-5.15e-03	-0.25	1.59e-04	-6.82e-04	0.0
492	362	-1.10e-03	-1.39e-03	-0.26	1.35e-04	-7.49e-04	0.0
492	367	-6.57e-03	6.40e-04	-0.18	9.75e-05	-5.28e-04	0.0
492	378	-2.00e-03	-2.56e-03	-0.23	1.26e-04	-6.67e-04	0.0
493	97	-0.01	-1.88e-03	-0.31	-2.88e-04	-1.56e-03	0.0
493	127	-7.04e-03	-2.26e-04	-0.84	-6.34e-04	-4.18e-03	0.0
493	149	-0.01	-2.42e-03	-0.32	-3.05e-04	-1.60e-03	0.0
493	255	-6.99e-03	-8.77e-04	-0.13	-9.13e-05	-6.66e-04	0.0

493	270	-5.12e-03	-8.77e-05	-0.62	-4.67e-04	-3.09e-03	0.0
493	282	-6.23e-03	-1.32e-03	-0.14	-1.05e-04	-7.14e-04	0.0
493	311	-3.32e-03	5.98e-04	-0.47	-3.31e-04	-2.35e-03	0.0
493	322	-5.66e-03	-2.43e-04	-0.14	-9.55e-05	-7.01e-04	0.0
493	324	-3.83e-03	-9.75e-05	-0.16	-1.04e-04	-7.71e-04	0.0
493	328	-7.90e-03	-2.03e-03	-0.10	-7.21e-05	-5.01e-04	0.0
493	333	2.11e-04	1.70e-03	-0.21	-1.38e-04	-1.04e-03	0.0
493	344	-6.92e-03	-3.27e-03	-0.13	-7.16e-05	-6.67e-04	0.0
493	360	-5.85e-03	-1.02e-03	-0.13	-9.01e-05	-6.37e-04	0.0
493	369	-1.87e-03	6.70e-04	-0.18	-1.19e-04	-9.05e-04	0.0
493	376	-5.31e-03	-1.52e-03	-0.15	-9.52e-05	-7.33e-04	0.0
494	97	-0.01	5.39e-04	-0.22	9.48e-06	-1.13e-03	0.0
494	128	1.79e-03	-5.35e-03	-0.55	-1.54e-04	-2.74e-03	0.0
494	165	1.02e-04	-5.00e-03	-0.61	-8.30e-05	-3.05e-03	0.0
494	255	-6.80e-03	7.28e-04	-0.13	1.00e-04	-6.80e-04	0.0
494	270	2.61e-04	-3.89e-03	-0.45	-7.13e-05	-2.25e-03	0.0
494	289	1.06e-04	-3.67e-03	-0.45	-6.43e-05	-2.26e-03	0.0
494	311	-4.72e-04	-2.42e-03	-0.37	7.68e-06	-1.84e-03	0.0
494	322	-5.99e-03	8.71e-04	-0.14	1.02e-04	-7.13e-04	0.0
494	324	-3.83e-03	9.75e-05	-0.16	1.04e-04	-7.71e-04	0.0
494	326	2.40e-04	-1.70e-03	-0.21	1.39e-04	-1.04e-03	0.0
494	335	-7.93e-03	2.03e-03	-0.10	7.12e-05	-5.01e-04	0.0
494	347	-7.02e-03	3.29e-03	-0.13	6.87e-05	-6.66e-04	0.0
494	362	-1.87e-03	-6.70e-04	-0.18	1.19e-04	-9.05e-04	0.0
494	367	-5.85e-03	1.02e-03	-0.13	9.01e-05	-6.37e-04	0.0
494	379	-5.31e-03	1.52e-03	-0.15	9.52e-05	-7.33e-04	0.0
495	73	-9.48e-03	-2.62e-03	-0.16	-1.91e-04	-1.69e-03	0.0
495	127	-7.79e-03	-1.82e-03	-0.43	-3.66e-04	-4.56e-03	0.0
495	149	-9.26e-03	-2.63e-03	-0.16	-1.98e-04	-1.72e-03	0.0
495	243	-4.99e-03	-1.41e-03	-0.07	-7.35e-05	-7.28e-04	0.0
495	270	-5.69e-03	-1.30e-03	-0.32	-2.69e-04	-3.38e-03	0.0
495	311	-3.88e-03	-6.35e-04	-0.24	-1.96e-04	-2.57e-03	0.0
495	319	-4.10e-03	-9.45e-04	-0.07	-7.54e-05	-7.68e-04	0.0
495	324	-2.98e-03	-6.01e-04	-0.08	-7.87e-05	-8.40e-04	0.0
495	328	-5.66e-03	-2.04e-03	-0.05	-5.99e-05	-5.40e-04	0.0
495	333	-3.35e-04	7.67e-04	-0.11	-9.81e-05	-1.14e-03	0.0
495	344	-5.22e-03	-2.35e-03	-0.07	-5.86e-05	-7.19e-04	0.0
495	360	-4.31e-03	-1.30e-03	-0.07	-7.04e-05	-6.89e-04	0.0
495	369	-1.71e-03	1.79e-05	-0.09	-8.73e-05	-9.91e-04	0.0
495	376	-4.06e-03	-1.40e-03	-0.07	-7.28e-05	-7.89e-04	0.0
496	97	-7.33e-03	1.55e-03	-0.11	3.77e-05	-1.21e-03	0.0
496	128	-4.99e-04	-1.65e-03	-0.28	-6.27e-05	-3.04e-03	0.0
496	165	-1.85e-03	-1.24e-03	-0.32	-9.31e-06	-3.38e-03	0.0
496	255	-4.82e-03	1.13e-03	-0.07	7.51e-05	-7.25e-04	0.0
496	289	-1.35e-03	-9.04e-04	-0.23	-9.11e-06	-2.50e-03	0.0
496	311	-1.51e-03	-4.51e-04	-0.19	2.75e-05	-2.04e-03	0.0
496	322	-4.38e-03	1.14e-03	-0.07	7.65e-05	-7.65e-04	0.0
496	324	-2.98e-03	6.01e-04	-0.08	7.87e-05	-8.40e-04	0.0
496	326	-3.12e-04	-7.75e-04	-0.11	9.86e-05	-1.14e-03	0.0
496	335	-5.68e-03	2.04e-03	-0.05	5.94e-05	-5.40e-04	0.0
496	347	-5.30e-03	2.37e-03	-0.07	5.70e-05	-7.18e-04	0.0
496	362	-1.71e-03	-1.79e-05	-0.09	8.73e-05	-9.91e-04	0.0
496	367	-4.31e-03	1.30e-03	-0.07	7.04e-05	-6.89e-04	0.0
496	379	-4.06e-03	1.40e-03	-0.07	7.28e-05	-7.89e-04	0.0
497	105	-6.11e-03	-8.34e-04	-0.01	-1.60e-04	-3.81e-03	0.0
497	127	-5.71e-03	-8.55e-04	-0.01	-1.88e-04	-4.40e-03	0.0
497	270	-4.18e-03	-6.27e-04	-9.19e-03	-1.38e-04	-3.26e-03	0.0
497	311	-2.84e-03	-4.49e-04	-6.98e-03	-1.06e-04	-2.48e-03	0.0
497	324	-1.89e-03	-2.87e-04	-3.54e-03	-5.78e-05	-7.94e-04	0.0
497	328	-3.63e-03	-4.61e-04	-3.10e-03	-4.93e-05	-4.89e-04	0.0
497	333	-1.76e-04	-1.16e-04	-4.00e-03	-6.63e-05	-1.10e-03	0.0
497	360	-2.75e-03	-3.74e-04	-3.34e-03	-5.39e-05	-6.39e-04	0.0
497	365	-1.04e-03	-2.01e-04	-3.75e-03	-6.17e-05	-9.48e-04	0.0
498	97	-4.41e-03	7.12e-04	-3.50e-03	5.18e-05	-1.13e-03	0.0
498	111	-3.02e-03	4.56e-04	-5.78e-03	9.37e-05	-1.29e-03	0.0
498	255	-2.93e-03	4.14e-04	-3.42e-03	5.46e-05	-6.56e-04	0.0
498	262	-2.19e-03	3.32e-04	-4.14e-03	6.70e-05	-9.35e-04	0.0
498	289	-1.03e-03	4.29e-04	-2.44e-03	2.82e-05	-2.50e-03	0.0
498	310	-1.67e-03	2.55e-04	-3.54e-03	5.79e-05	-7.96e-04	0.0
498	322	-2.73e-03	3.92e-04	-3.47e-03	5.57e-05	-7.03e-04	0.0
498	324	-1.89e-03	2.87e-04	-3.54e-03	5.78e-05	-7.94e-04	0.0
498	326	-1.59e-04	1.15e-04	-4.00e-03	6.65e-05	-1.10e-03	0.0
498	335	-3.65e-03	4.62e-04	-3.09e-03	4.91e-05	-4.88e-04	0.0
498	358	-1.04e-03	2.01e-04	-3.75e-03	6.17e-05	-9.48e-04	0.0
498	367	-2.75e-03	3.74e-04	-3.34e-03	5.39e-05	-6.39e-04	0.0
499	105	0.03	1.55e-03	-1.64	-1.19e-03	8.87e-04	0.0
499	152	-5.86e-03	-2.54e-03	-0.37	-2.49e-04	3.07e-04	0.0

499	165	0.05	1.18e-03	-1.54	-1.02e-03	1.56e-03	0.0
499	259	0.02	1.66e-03	-1.02	-6.43e-04	5.05e-04	0.0
499	270	0.04	4.81e-04	-1.15	-7.60e-04	1.15e-03	0.0
499	289	0.04	9.86e-04	-1.14	-7.50e-04	1.15e-03	0.0
499	311	0.03	1.92e-03	-0.87	-5.20e-04	8.76e-04	0.0
499	323	0.02	2.47e-03	-0.84	-5.20e-04	4.43e-04	0.0
499	324	1.83e-03	1.13e-03	-0.31	-1.48e-04	2.51e-04	0.0
499	333	0.01	4.49e-03	-0.42	-2.10e-04	3.31e-04	0.0
499	341	7.04e-03	9.68e-03	-0.35	-1.95e-04	2.57e-04	0.0
499	365	7.60e-03	2.71e-03	-0.36	-1.73e-04	2.95e-04	0.0
499	366	7.16e-03	4.73e-04	-0.37	-1.76e-04	2.96e-04	0.0
499	373	4.21e-03	5.03e-03	-0.33	-1.49e-04	2.63e-04	0.0
500	105	0.03	-0.01	-1.19	-2.51e-04	7.04e-04	0.0
500	127	0.05	-0.01	-1.13	-2.95e-04	1.14e-03	0.0
500	259	0.02	-9.23e-03	-0.82	7.43e-06	4.67e-04	0.0
500	270	0.03	-8.50e-03	-0.84	-2.21e-04	8.42e-04	0.0
500	289	0.03	-7.99e-03	-0.84	-2.10e-04	8.45e-04	0.0
500	311	0.03	-5.29e-03	-0.69	-5.65e-05	6.79e-04	0.0
500	323	0.02	-6.41e-03	-0.70	4.46e-05	4.16e-04	0.0
500	324	1.83e-03	-1.13e-03	-0.31	1.48e-04	2.51e-04	0.0
500	326	0.01	-4.50e-03	-0.42	2.09e-04	3.31e-04	0.0
500	346	6.91e-03	-9.69e-03	-0.35	1.94e-04	2.57e-04	0.0
500	357	7.16e-03	-4.73e-04	-0.37	1.76e-04	2.96e-04	0.0
500	358	7.60e-03	-2.71e-03	-0.36	1.73e-04	2.95e-04	0.0
500	378	4.21e-03	-5.03e-03	-0.33	1.49e-04	2.63e-04	0.0
501	105	0.02	1.06e-03	-1.65	-1.14e-03	-4.50e-04	0.0
501	152	-7.24e-03	-2.44e-03	-0.39	-2.65e-04	-2.50e-06	0.0
501	165	0.04	1.99e-03	-1.65	-1.13e-03	4.11e-04	0.0
501	270	0.03	1.09e-03	-1.22	-8.43e-04	3.04e-04	0.0
501	289	0.03	1.58e-03	-1.22	-8.31e-04	3.04e-04	0.0
501	311	0.02	2.36e-03	-0.93	-5.81e-04	2.28e-04	0.0
501	324	3.50e-05	1.16e-03	-0.32	-1.60e-04	-2.89e-06	0.0
501	333	9.99e-03	4.46e-03	-0.44	-2.27e-04	0.0	0.0
501	341	4.66e-03	9.38e-03	-0.37	-2.10e-04	-2.05e-05	0.0
501	365	5.03e-03	2.70e-03	-0.38	-1.87e-04	2.18e-06	0.0
501	366	4.55e-03	5.80e-04	-0.38	-1.91e-04	0.0	0.0
501	373	2.26e-03	4.86e-03	-0.34	-1.62e-04	0.0	0.0
502	105	0.02	-0.01	-1.21	-2.74e-04	-2.87e-04	0.0
502	127	0.04	-0.01	-1.20	-2.72e-04	2.72e-04	0.0
502	165	0.04	-0.01	-1.21	-2.55e-04	2.72e-04	0.0
502	270	0.03	-9.60e-03	-0.89	-2.05e-04	2.02e-04	0.0
502	289	0.03	-9.10e-03	-0.89	-1.93e-04	2.01e-04	0.0
502	311	0.02	-6.11e-03	-0.73	-3.95e-05	1.50e-04	0.0
502	324	3.50e-05	-1.16e-03	-0.32	1.60e-04	-2.89e-06	0.0
502	326	9.99e-03	-4.46e-03	-0.44	2.27e-04	0.0	0.0
502	346	4.64e-03	-9.39e-03	-0.37	2.11e-04	-2.00e-05	0.0
502	357	4.55e-03	-5.80e-04	-0.38	1.91e-04	0.0	0.0
502	358	5.03e-03	-2.70e-03	-0.38	1.87e-04	2.18e-06	0.0
502	378	2.26e-03	-4.86e-03	-0.34	1.62e-04	0.0	0.0
503	127	0.02	2.00e-03	-1.63	-1.19e-03	-9.26e-04	0.0
503	165	0.02	2.68e-03	-1.63	-1.17e-03	-9.22e-04	0.0
503	166	0.02	2.18e-03	-1.50	-1.09e-03	-8.20e-04	0.0
503	270	0.02	1.63e-03	-1.21	-8.76e-04	-6.85e-04	0.0
503	289	0.02	2.08e-03	-1.20	-8.65e-04	-6.82e-04	0.0
503	311	0.01	2.69e-03	-0.92	-6.07e-04	-5.24e-04	0.0
503	324	-1.76e-03	1.13e-03	-0.31	-1.48e-04	-2.57e-04	0.0
503	333	6.71e-03	4.17e-03	-0.42	-2.09e-04	-3.41e-04	0.0
503	336	-0.01	-1.91e-03	-0.20	-8.61e-05	-1.74e-04	0.0
503	341	2.65e-03	8.49e-03	-0.35	-1.97e-04	-2.63e-04	0.0
503	366	1.91e-03	6.70e-04	-0.36	-1.75e-04	-3.05e-04	0.0
503	368	-6.00e-03	-2.86e-04	-0.26	-1.22e-04	-2.13e-04	0.0
503	373	3.74e-04	4.42e-03	-0.33	-1.52e-04	-2.65e-04	0.0
504	127	0.02	-0.01	-1.18	-2.45e-04	-7.18e-04	0.0
504	128	0.03	-0.01	-1.06	-3.29e-04	-6.16e-04	0.0
504	165	0.02	-0.01	-1.19	-2.29e-04	-7.22e-04	0.0
504	270	0.02	-9.91e-03	-0.88	-1.84e-04	-5.31e-04	0.0
504	289	0.02	-9.46e-03	-0.88	-1.74e-04	-5.34e-04	0.0
504	311	0.01	-6.44e-03	-0.72	-2.90e-05	-4.47e-04	0.0
504	324	-1.76e-03	-1.13e-03	-0.31	1.48e-04	-2.57e-04	0.0
504	326	6.73e-03	-4.17e-03	-0.42	2.10e-04	-3.41e-04	0.0
504	327	-0.01	1.91e-03	-0.20	8.56e-05	-1.73e-04	0.0
504	346	2.70e-03	-8.50e-03	-0.35	1.98e-04	-2.64e-04	0.0
504	357	1.91e-03	-6.70e-04	-0.36	1.75e-04	-3.05e-04	0.0
504	359	-6.00e-03	2.86e-04	-0.26	1.22e-04	-2.13e-04	0.0
504	378	3.74e-04	-4.42e-03	-0.33	1.52e-04	-2.65e-04	0.0
505	7	-1.11e-03	3.20e-04	0.13	3.97e-05	-3.36e-03	0.0
505	97	-4.01e-03	-9.61e-04	0.04	5.07e-05	-1.11e-03	0.0

505	210	-8.23e-04	2.34e-04	0.10	2.81e-05	-2.48e-03	0.0
505	255	-2.69e-03	-7.19e-04	0.02	5.01e-05	-6.43e-04	0.0
505	311	-1.02e-03	2.82e-05	0.08	3.97e-05	-2.01e-03	0.0
505	322	-2.52e-03	-6.85e-04	0.02	5.13e-05	-6.91e-04	0.0
505	324	-1.74e-03	-4.36e-04	0.03	5.37e-05	-7.82e-04	0.0
505	326	-5.60e-05	3.66e-04	0.04	6.05e-05	-1.09e-03	0.0
505	335	-3.46e-03	-1.25e-03	0.02	4.69e-05	-4.77e-04	0.0
505	362	-9.50e-04	-6.07e-05	0.03	5.68e-05	-9.37e-04	0.0
505	367	-2.59e-03	-8.37e-04	0.02	5.05e-05	-6.28e-04	0.0
506	7	-5.31e-03	1.39e-03	0.16	-1.55e-04	-4.34e-03	0.0
506	105	-5.72e-03	1.60e-03	0.14	-1.36e-04	-3.77e-03	0.0
506	210	-3.89e-03	1.01e-03	0.12	-1.14e-04	-3.21e-03	0.0
506	270	-3.95e-03	1.04e-03	0.12	-1.15e-04	-3.22e-03	0.0
506	311	-2.68e-03	6.47e-04	0.09	-9.06e-05	-2.45e-03	0.0
506	324	-1.74e-03	4.36e-04	0.03	-5.37e-05	-7.82e-04	0.0
506	328	-3.44e-03	1.25e-03	0.02	-4.71e-05	-4.78e-04	0.0
506	333	-7.24e-05	-3.59e-04	0.04	-6.03e-05	-1.09e-03	0.0
506	360	-2.59e-03	8.37e-04	0.02	-5.05e-05	-6.28e-04	0.0
506	369	-9.50e-04	6.07e-05	0.03	-5.68e-05	-9.37e-04	0.0
507	128	7.44e-03	-2.06e-03	-0.53	-4.19e-04	4.38e-04	0.0
507	149	-0.02	1.14e-03	-1.73	-1.20e-03	1.53e-03	0.0
507	188	-0.02	1.36e-03	-1.61	-1.11e-03	1.42e-03	0.0
507	281	-0.01	1.50e-03	-1.09	-6.58e-04	9.78e-04	0.0
507	300	-0.01	1.95e-03	-1.09	-6.47e-04	9.76e-04	0.0
507	313	-0.01	2.26e-03	-0.89	-5.18e-04	7.92e-04	0.0
507	324	1.80e-03	1.05e-03	-0.31	-1.31e-04	2.54e-04	0.0
507	335	-6.37e-03	2.88e-03	-0.41	-1.80e-04	3.41e-04	0.0
507	338	0.01	-1.70e-03	-0.20	-8.69e-05	1.68e-04	0.0
507	351	-2.24e-03	7.68e-03	-0.34	-1.38e-04	2.70e-04	0.0
507	370	6.01e-03	-3.30e-04	-0.25	-1.08e-04	2.10e-04	0.0
507	372	-1.91e-03	5.48e-04	-0.36	-1.56e-04	3.02e-04	0.0
507	383	-2.24e-04	4.34e-03	-0.32	-1.35e-04	2.62e-04	0.0
508	49	0.01	-5.26e-04	-0.55	-4.02e-04	9.74e-04	0.0
508	128	9.48e-03	-1.98e-03	-0.47	-3.64e-04	8.26e-04	0.0
508	149	-4.11e-03	2.96e-04	-1.50	-9.61e-04	2.78e-03	0.0
508	270	7.99e-03	-1.04e-03	-0.42	-3.14e-04	7.45e-04	0.0
508	281	-5.00e-03	8.93e-04	-0.95	-5.08e-04	1.77e-03	0.0
508	300	-5.13e-03	1.27e-03	-0.94	-4.99e-04	1.76e-03	0.0
508	313	-2.64e-03	1.62e-03	-0.77	-4.02e-04	1.44e-03	0.0
508	316	6.97e-03	1.00e-03	-0.24	-9.64e-05	4.31e-04	0.0
508	324	3.25e-03	8.95e-04	-0.27	-1.11e-04	4.72e-04	0.0
508	335	-3.36e-03	2.52e-03	-0.36	-1.51e-04	6.33e-04	0.0
508	338	0.01	-1.47e-03	-0.18	-7.37e-05	3.13e-04	0.0
508	351	-4.85e-04	6.33e-03	-0.30	-1.17e-04	5.09e-04	0.0
508	370	6.69e-03	-2.90e-04	-0.22	-9.17e-05	3.90e-04	0.0
508	372	3.60e-04	5.53e-04	-0.32	-1.31e-04	5.58e-04	0.0
508	383	1.38e-03	3.60e-03	-0.28	-1.14e-04	4.91e-04	0.0
509	132	3.37e-03	-2.16e-03	-0.40	-2.54e-04	3.31e-06	0.0
509	149	-0.04	1.39e-03	-1.81	-1.29e-03	2.14e-05	0.0
509	187	-0.04	2.13e-03	-1.81	-1.27e-03	2.13e-05	0.0
509	281	-0.03	1.64e-03	-1.14	-7.13e-04	1.44e-05	0.0
509	300	-0.03	2.13e-03	-1.14	-7.01e-04	1.43e-05	0.0
509	313	-0.02	2.46e-03	-0.93	-5.61e-04	1.12e-05	0.0
509	324	-3.47e-05	1.07e-03	-0.32	-1.43e-04	2.89e-06	0.0
509	336	-9.17e-03	8.17e-04	-0.43	-1.98e-04	-4.37e-06	0.0
509	339	-9.89e-03	4.07e-03	-0.43	-1.91e-04	-7.19e-06	0.0
509	351	-4.31e-03	8.53e-03	-0.35	-1.47e-04	-4.46e-06	0.0
509	371	-5.01e-03	2.57e-03	-0.38	-1.68e-04	-2.12e-06	0.0
509	372	-4.57e-03	4.48e-04	-0.38	-1.71e-04	0.0	0.0
509	383	-2.18e-03	4.77e-03	-0.34	-1.45e-04	0.0	0.0
510	132	1.35e-03	-2.26e-03	-0.39	-2.38e-04	-3.14e-04	0.0
510	149	-0.05	8.35e-04	-1.74	-1.21e-03	-1.49e-03	0.0
510	187	-0.05	1.60e-03	-1.73	-1.19e-03	-1.48e-03	0.0
510	281	-0.04	1.19e-03	-1.09	-6.61e-04	-9.50e-04	0.0
510	300	-0.04	1.69e-03	-1.09	-6.50e-04	-9.48e-04	0.0
510	313	-0.03	2.15e-03	-0.89	-5.20e-04	-7.71e-04	0.0
510	324	-1.87e-03	1.05e-03	-0.31	-1.31e-04	-2.48e-04	0.0
510	336	-0.01	6.77e-04	-0.41	-1.82e-04	-3.35e-04	0.0
510	339	-0.01	4.14e-03	-0.41	-1.75e-04	-3.32e-04	0.0
510	351	-6.50e-03	8.91e-03	-0.34	-1.34e-04	-2.70e-04	0.0
510	371	-7.63e-03	2.60e-03	-0.36	-1.54e-04	-2.92e-04	0.0
510	372	-7.22e-03	3.52e-04	-0.36	-1.58e-04	-2.93e-04	0.0
510	383	-4.20e-03	4.95e-03	-0.32	-1.33e-04	-2.60e-04	0.0
511	132	-2.21e-04	-2.34e-03	-0.34	-2.04e-04	-5.94e-04	0.0
511	149	-0.07	-2.69e-04	-1.51	-9.70e-04	-2.75e-03	0.0
511	272	-9.24e-04	-1.23e-03	-0.33	-1.96e-04	-5.72e-04	0.0
511	281	-0.05	3.07e-04	-0.95	-5.13e-04	-1.74e-03	0.0

511	313	-0.04	1.43e-03	-0.78	-4.06e-04	-1.42e-03	0.0
511	324	-3.32e-03	8.99e-04	-0.27	-1.11e-04	-4.67e-04	0.0
511	335	-0.02	2.89e-03	-0.36	-1.53e-04	-6.23e-04	0.0
511	339	-0.02	3.91e-03	-0.36	-1.48e-04	-6.23e-04	0.0
511	351	-8.55e-03	8.72e-03	-0.30	-1.15e-04	-5.04e-04	0.0
511	367	-9.75e-03	2.24e-03	-0.32	-1.32e-04	-5.48e-04	0.0
511	371	-9.89e-03	2.41e-03	-0.32	-1.30e-04	-5.47e-04	0.0
511	383	-5.95e-03	4.78e-03	-0.28	-1.13e-04	-4.86e-04	0.0
512	49	0.01	-1.01e-03	-0.44	-3.45e-04	1.32e-03	0.0
512	128	0.01	-1.97e-03	-0.38	-3.08e-04	1.12e-03	0.0
512	149	4.86e-03	-3.33e-04	-1.21	-7.60e-04	3.64e-03	0.0
512	270	8.78e-03	-1.20e-03	-0.34	-2.70e-04	1.01e-03	0.0
512	281	1.07e-03	3.30e-04	-0.76	-3.95e-04	2.29e-03	0.0
512	311	6.86e-03	-3.97e-05	-0.26	-1.65e-04	7.64e-04	0.0
512	313	1.97e-03	9.36e-04	-0.62	-3.16e-04	1.87e-03	0.0
512	324	4.01e-03	4.54e-04	-0.22	-1.03e-04	6.36e-04	0.0
512	338	9.43e-03	-1.53e-03	-0.14	-6.95e-05	4.21e-04	0.0
512	339	-1.41e-03	2.43e-03	-0.29	-1.37e-04	8.52e-04	0.0
512	351	7.09e-04	4.62e-03	-0.24	-1.21e-04	6.92e-04	0.0
512	367	1.32e-03	1.32e-03	-0.26	-1.20e-04	7.47e-04	0.0
512	370	6.73e-03	-5.37e-04	-0.18	-8.59e-05	5.26e-04	0.0
512	383	2.36e-03	2.52e-03	-0.23	-1.12e-04	6.65e-04	0.0
513	49	0.01	-1.56e-03	-0.31	-2.75e-04	1.57e-03	0.0
513	127	0.01	-1.98e-03	-0.32	-2.93e-04	1.63e-03	0.0
513	149	9.24e-03	-1.08e-03	-0.84	-5.56e-04	4.27e-03	0.0
513	270	8.29e-03	-1.41e-03	-0.24	-2.14e-04	1.21e-03	0.0
513	281	4.27e-03	-3.07e-04	-0.53	-2.92e-04	2.68e-03	0.0
513	310	4.30e-03	-5.67e-04	-0.15	-9.44e-05	7.68e-04	0.0
513	311	6.38e-03	-5.26e-04	-0.18	-1.38e-04	9.16e-04	0.0
513	313	4.27e-03	1.49e-04	-0.43	-2.37e-04	2.19e-03	0.0
513	324	4.04e-03	-7.57e-05	-0.15	-9.44e-05	7.67e-04	0.0
513	330	7.98e-03	-1.83e-03	-0.10	-6.88e-05	5.07e-04	0.0
513	339	9.86e-05	1.55e-03	-0.21	-1.21e-04	1.03e-03	0.0
513	350	6.70e-03	-2.91e-03	-0.14	-7.74e-05	6.93e-04	0.0
513	362	6.02e-03	-9.54e-04	-0.13	-8.13e-05	6.33e-04	0.0
513	367	2.10e-03	6.51e-04	-0.18	-1.08e-04	9.02e-04	0.0
513	382	5.36e-03	-1.48e-03	-0.14	-8.58e-05	7.29e-04	0.0
514	49	8.81e-03	-2.01e-03	-0.16	-1.80e-04	1.69e-03	0.0
514	73	8.64e-03	-2.19e-03	-0.16	-1.85e-04	1.72e-03	0.0
514	149	8.58e-03	-1.97e-03	-0.43	-3.29e-04	4.58e-03	0.0
514	270	6.09e-03	-1.56e-03	-0.12	-1.40e-04	1.30e-03	0.0
514	281	4.40e-03	-9.71e-04	-0.27	-1.75e-04	2.88e-03	0.0
514	311	4.62e-03	-9.40e-04	-0.09	-9.63e-05	9.88e-04	0.0
514	313	4.04e-03	-6.57e-04	-0.22	-1.46e-04	2.35e-03	0.0
514	324	3.06e-03	-5.34e-04	-0.08	-7.20e-05	8.35e-04	0.0
514	330	5.51e-03	-1.86e-03	-0.05	-5.74e-05	5.42e-04	0.0
514	339	6.18e-04	7.23e-04	-0.11	-8.72e-05	1.13e-03	0.0
514	350	4.88e-03	-2.11e-03	-0.07	-6.14e-05	7.37e-04	0.0
514	362	4.29e-03	-1.19e-03	-0.06	-6.46e-05	6.84e-04	0.0
514	367	1.87e-03	4.96e-05	-0.09	-7.98e-05	9.86e-04	0.0
514	382	3.97e-03	-1.31e-03	-0.07	-6.67e-05	7.85e-04	0.0
515	17	2.61e-03	-4.99e-04	-0.01	-2.95e-04	2.15e-03	0.0
515	149	3.60e-03	-6.77e-04	-7.32e-03	-1.79e-04	4.43e-03	0.0
515	270	2.37e-03	-4.21e-04	-3.47e-03	-8.77e-05	1.20e-03	0.0
515	276	1.19e-03	-2.59e-04	-7.23e-03	-1.87e-04	1.11e-03	0.0
515	311	1.71e-03	-3.19e-04	-2.61e-03	-6.67e-05	9.17e-04	0.0
515	312	1.10e-03	-2.37e-04	-5.89e-03	-1.52e-04	1.02e-03	0.0
515	313	1.62e-03	-3.31e-04	-3.51e-03	-8.65e-05	2.28e-03	0.0
515	324	1.13e-03	-2.28e-04	-2.13e-03	-5.54e-05	7.89e-04	0.0
515	330	2.28e-03	-3.64e-04	-1.91e-03	-4.77e-05	4.89e-04	0.0
515	339	-2.91e-06	-9.50e-05	-2.35e-03	-6.33e-05	1.09e-03	0.0
515	362	1.70e-03	-2.96e-04	-2.02e-03	-5.15e-05	6.35e-04	0.0
515	367	5.84e-04	-1.67e-04	-2.24e-03	-5.94e-05	9.44e-04	0.0
516	149	3.86e-03	1.45e-03	0.17	-1.37e-04	4.39e-03	0.0
516	270	2.52e-03	9.72e-04	0.04	-7.15e-05	1.18e-03	0.0
516	281	2.02e-03	7.23e-04	0.11	-7.66e-05	2.77e-03	0.0
516	311	1.83e-03	6.49e-04	0.03	-5.61e-05	9.04e-04	0.0
516	313	1.75e-03	5.81e-04	0.09	-6.81e-05	2.26e-03	0.0
516	324	1.21e-03	3.97e-04	0.03	-4.87e-05	7.79e-04	0.0
516	330	2.26e-03	1.17e-03	0.02	-4.31e-05	4.82e-04	0.0
516	339	1.82e-04	-3.65e-04	0.04	-5.43e-05	1.08e-03	0.0
516	362	1.73e-03	7.86e-04	0.02	-4.59e-05	6.26e-04	0.0
516	367	7.18e-04	3.26e-05	0.04	-5.14e-05	9.33e-04	0.0
517	132	-8.97e-04	-2.52e-03	-0.27	-1.78e-04	-8.05e-04	0.0
517	149	-0.08	-1.05e-03	-1.22	-7.70e-04	-3.61e-03	0.0
517	272	-1.60e-03	-1.52e-03	-0.27	-1.74e-04	-7.73e-04	0.0
517	281	-0.05	-4.37e-04	-0.76	-4.02e-04	-2.27e-03	0.0

517	313	-0.04	7.20e-04	-0.62	-3.21e-04	-1.85e-03	0.0
517	314	-9.07e-03	9.55e-04	-0.30	-1.64e-04	-7.58e-04	0.0
517	324	-4.08e-03	4.60e-04	-0.22	-1.04e-04	-6.31e-04	0.0
517	335	-0.02	2.37e-03	-0.30	-1.37e-04	-8.43e-04	0.0
517	339	-0.02	3.29e-03	-0.29	-1.34e-04	-8.42e-04	0.0
517	351	-9.99e-03	7.90e-03	-0.24	-1.08e-04	-6.82e-04	0.0
517	367	-0.01	1.71e-03	-0.26	-1.20e-04	-7.40e-04	0.0
517	371	-0.01	1.87e-03	-0.26	-1.19e-04	-7.40e-04	0.0
517	383	-7.06e-03	4.16e-03	-0.23	-1.06e-04	-6.57e-04	0.0
518	131	-2.09e-03	-2.70e-03	-0.25	-2.01e-04	-1.26e-03	0.0
518	149	-0.08	-1.83e-03	-0.85	-5.67e-04	-4.24e-03	0.0
518	272	-1.31e-03	-1.84e-03	-0.19	-1.46e-04	-9.29e-04	0.0
518	281	-0.06	-1.17e-03	-0.54	-2.98e-04	-2.66e-03	0.0
518	310	-4.15e-03	-1.07e-03	-0.15	-9.49e-05	-7.64e-04	0.0
518	313	-0.04	-3.90e-05	-0.44	-2.42e-04	-2.17e-03	0.0
518	324	-4.12e-03	-6.86e-05	-0.15	-9.50e-05	-7.62e-04	0.0
518	335	-0.02	1.76e-03	-0.21	-1.21e-04	-1.02e-03	0.0
518	340	-0.02	-1.39e-03	-0.21	-1.16e-04	-1.03e-03	0.0
518	350	-1.72e-03	-6.94e-03	-0.14	-8.01e-05	-6.97e-04	0.0
518	371	-0.01	1.24e-03	-0.18	-1.08e-04	-8.94e-04	0.0
518	372	-0.01	-7.20e-04	-0.18	-1.06e-04	-8.98e-04	0.0
518	382	-2.88e-03	-3.48e-03	-0.15	-8.75e-05	-7.28e-04	0.0
519	131	6.31e-05	-2.98e-03	-0.13	-1.41e-04	-1.36e-03	0.0
519	149	-0.08	-2.63e-03	-0.44	-3.40e-04	-4.57e-03	0.0
519	272	2.99e-04	-2.06e-03	-0.10	-1.02e-04	-1.00e-03	0.0
519	281	-0.06	-1.82e-03	-0.28	-1.81e-04	-2.87e-03	0.0
519	310	-3.17e-03	-1.41e-03	-0.08	-7.26e-05	-8.31e-04	0.0
519	313	-0.04	-7.53e-04	-0.23	-1.51e-04	-2.34e-03	0.0
519	324	-3.15e-03	-5.36e-04	-0.08	-7.31e-05	-8.30e-04	0.0
519	335	-0.02	1.19e-03	-0.11	-8.96e-05	-1.11e-03	0.0
519	340	-0.02	-1.71e-03	-0.11	-8.25e-05	-1.12e-03	0.0
519	350	-6.71e-04	-6.79e-03	-0.07	-5.79e-05	-7.51e-04	0.0
519	371	-0.01	6.63e-04	-0.10	-8.14e-05	-9.77e-04	0.0
519	372	-0.01	-1.12e-03	-0.09	-7.80e-05	-9.79e-04	0.0
519	382	-1.87e-03	-3.64e-03	-0.08	-6.55e-05	-7.89e-04	0.0
520	121	-4.75e-03	-1.85e-03	-6.94e-03	-8.01e-05	-1.10e-03	0.0
520	149	-0.08	-1.00e-03	-0.02	-1.90e-04	-4.43e-03	0.0
520	197	-0.02	5.03e-05	-0.03	-3.42e-04	-2.29e-03	0.0
520	281	-0.06	-1.09e-03	-0.02	-1.04e-04	-2.80e-03	0.0
520	282	-0.04	-1.31e-03	-0.01	-9.25e-05	-2.30e-03	0.0
520	305	-0.01	-3.43e-04	-0.02	-2.17e-04	-1.21e-03	0.0
520	310	-1.21e-03	-8.87e-04	-4.89e-03	-5.58e-05	-7.87e-04	0.0
520	313	-0.04	-2.26e-04	-0.01	-9.12e-05	-2.28e-03	0.0
520	314	-9.03e-03	1.28e-04	-0.01	-1.77e-04	-1.09e-03	0.0
520	324	-1.22e-03	-1.67e-04	-5.16e-03	-5.66e-05	-7.87e-04	0.0
520	331	-0.02	1.70e-03	-8.21e-03	-6.87e-05	-1.08e-03	0.0
520	339	-0.02	1.59e-03	-8.15e-03	-6.87e-05	-1.08e-03	0.0
520	350	6.41e-03	-5.68e-03	-2.12e-03	-3.92e-05	-7.03e-04	0.0
520	363	-0.01	7.63e-04	-6.71e-03	-6.27e-05	-9.36e-04	0.0
520	371	-0.01	7.03e-04	-6.68e-03	-6.27e-05	-9.36e-04	0.0
520	382	2.62e-03	-2.91e-03	-3.64e-03	-4.79e-05	-7.44e-04	0.0
521	122	-4.35e-03	-1.24e-03	0.02	-4.31e-05	-7.90e-04	0.0
521	149	-0.08	5.93e-04	0.11	-1.66e-04	-4.42e-03	0.0
521	267	-3.35e-03	-7.11e-04	0.02	-5.40e-05	-8.05e-04	0.0
521	281	-0.06	-2.93e-04	0.07	-9.15e-05	-2.79e-03	0.0
521	311	5.08e-03	7.35e-04	0.02	-6.28e-05	-9.10e-04	0.0
521	313	-0.04	4.65e-04	0.06	-8.08e-05	-2.27e-03	0.0
521	324	-1.29e-03	3.16e-04	0.02	-5.29e-05	-7.83e-04	0.0
521	339	-0.02	1.37e-03	0.02	-6.31e-05	-1.07e-03	0.0
521	340	-0.02	-1.79e-03	0.03	-5.43e-05	-1.07e-03	0.0
521	353	1.33e-03	5.75e-03	0.01	-6.58e-05	-6.92e-04	0.0
521	371	-0.01	8.39e-04	0.02	-5.80e-05	-9.31e-04	0.0
521	372	-9.62e-03	-7.32e-04	0.02	-5.36e-05	-9.33e-04	0.0
521	385	5.98e-05	3.01e-03	0.02	-5.92e-05	-7.36e-04	0.0
522	41	6.41e-03	-2.41e-04	-0.02	-3.42e-04	2.27e-03	0.0
522	121	-1.18e-03	-1.93e-03	-6.15e-03	-7.99e-05	1.09e-03	0.0
522	188	-0.07	2.11e-04	-8.12e-04	-8.54e-05	1.22e-03	0.0
522	227	4.19e-03	-5.60e-04	-0.02	-2.17e-04	1.20e-03	0.0
522	232	0.01	-1.48e-03	-8.93e-03	-9.15e-05	2.32e-03	0.0
522	300	-0.05	-2.85e-04	5.90e-04	-5.14e-05	6.52e-04	0.0
522	310	1.39e-03	-9.17e-04	-4.89e-03	-5.59e-05	7.91e-04	0.0
522	313	-0.04	1.93e-04	-1.21e-03	-5.31e-05	6.80e-04	0.0
522	315	4.92e-03	9.51e-05	-0.01	-1.77e-04	1.09e-03	0.0
522	324	1.19e-03	-1.67e-04	-5.16e-03	-5.66e-05	7.90e-04	0.0
522	338	0.02	-2.09e-03	-6.48e-03	-4.77e-05	6.41e-04	0.0
522	350	9.99e-03	-6.21e-03	-3.37e-03	-3.93e-05	7.55e-04	0.0
522	353	3.43e-03	5.77e-03	-8.14e-03	-7.14e-05	7.33e-04	0.0

522	370	0.01	-1.12e-03	-5.83e-03	-5.21e-05	7.13e-04	0.0
522	382	5.61e-03	-3.17e-03	-4.28e-03	-4.80e-05	7.72e-04	0.0
522	385	2.35e-03	2.79e-03	-6.65e-03	-6.39e-05	7.61e-04	0.0
523	49	0.02	3.71e-04	0.12	-1.65e-04	4.46e-03	0.0
523	187	-0.07	1.66e-03	0.04	-1.05e-04	1.52e-03	0.0
523	188	-0.07	1.54e-03	0.04	-7.34e-05	1.21e-03	0.0
523	231	0.02	-4.75e-04	0.07	-9.09e-05	2.82e-03	0.0
523	289	9.91e-03	7.11e-04	0.03	-7.93e-05	1.18e-03	0.0
523	300	-0.05	4.69e-04	0.02	-4.68e-05	6.47e-04	0.0
523	313	-0.04	8.44e-04	0.02	-4.87e-05	6.76e-04	0.0
523	316	0.01	2.32e-04	0.06	-8.17e-05	2.31e-03	0.0
523	324	1.26e-03	3.16e-04	0.02	-5.29e-05	7.87e-04	0.0
523	338	0.02	-7.62e-04	0.01	-4.52e-05	6.37e-04	0.0
523	340	-0.02	-1.77e-03	0.03	-5.15e-05	9.43e-04	0.0
523	353	3.50e-03	5.74e-03	0.01	-6.70e-05	7.30e-04	0.0
523	370	0.01	-2.18e-04	0.02	-4.91e-05	7.10e-04	0.0
523	372	-7.58e-03	-7.22e-04	0.02	-5.22e-05	8.67e-04	0.0
523	385	2.42e-03	3.01e-03	0.02	-5.99e-05	7.57e-04	0.0
524	49	0.03	-3.13e-03	-0.44	-3.38e-04	4.61e-03	0.0
524	51	0.02	-3.40e-03	-0.33	-2.46e-04	3.49e-03	0.0
524	188	-0.06	-1.09e-03	-0.12	-1.39e-04	1.35e-03	0.0
524	231	0.02	-2.27e-03	-0.28	-1.80e-04	2.89e-03	0.0
524	232	0.01	-2.40e-03	-0.23	-1.53e-04	2.38e-03	0.0
524	300	-0.05	-9.33e-04	-0.06	-6.45e-05	7.22e-04	0.0
524	310	3.35e-03	-1.52e-03	-0.08	-7.28e-05	8.35e-04	0.0
524	313	-0.03	-2.64e-04	-0.07	-6.71e-05	7.45e-04	0.0
524	316	0.02	-1.12e-03	-0.23	-1.54e-04	2.37e-03	0.0
524	324	3.12e-03	-5.36e-04	-0.08	-7.32e-05	8.34e-04	0.0
524	338	0.02	-3.60e-03	-0.07	-6.23e-05	6.89e-04	0.0
524	339	-0.02	2.53e-03	-0.09	-8.40e-05	9.78e-04	0.0
524	350	0.01	-8.95e-03	-0.07	-5.73e-05	8.00e-04	0.0
524	367	-6.88e-03	5.28e-04	-0.09	-7.92e-05	9.08e-04	0.0
524	370	0.01	-2.06e-03	-0.07	-6.77e-05	7.59e-04	0.0
524	382	7.70e-03	-4.72e-03	-0.08	-6.52e-05	8.16e-04	0.0
525	49	0.03	-2.59e-03	-0.85	-5.66e-04	4.28e-03	0.0
525	131	0.02	-3.16e-03	-0.25	-2.01e-04	1.25e-03	0.0
525	188	-0.06	-6.07e-04	-0.24	-2.16e-04	1.27e-03	0.0
525	231	0.02	-1.86e-03	-0.54	-2.98e-04	2.69e-03	0.0
525	272	0.01	-2.14e-03	-0.19	-1.46e-04	9.23e-04	0.0
525	300	-0.05	-4.20e-04	-0.13	-7.99e-05	6.80e-04	0.0
525	310	4.33e-03	-1.25e-03	-0.16	-9.52e-05	7.68e-04	0.0
525	313	-0.03	3.52e-04	-0.14	-8.40e-05	6.97e-04	0.0
525	316	0.02	-5.55e-04	-0.44	-2.47e-04	2.20e-03	0.0
525	324	4.09e-03	-6.76e-05	-0.16	-9.51e-05	7.65e-04	0.0
525	335	-0.02	2.54e-03	-0.18	-1.11e-04	8.96e-04	0.0
525	338	0.03	-3.75e-03	-0.13	-7.94e-05	6.36e-04	0.0
525	350	0.01	-0.01	-0.15	-7.83e-05	7.39e-04	0.0
525	367	-6.40e-03	1.14e-03	-0.17	-1.04e-04	8.33e-04	0.0
525	370	0.01	-1.90e-03	-0.14	-8.71e-05	6.99e-04	0.0
525	382	8.75e-03	-5.32e-03	-0.15	-8.66e-05	7.52e-04	0.0
526	49	0.02	-2.10e-03	-1.22	-7.74e-04	3.65e-03	0.0
526	132	0.01	-3.13e-03	-0.27	-1.78e-04	7.97e-04	0.0
526	188	-0.06	-2.19e-04	-0.35	-2.78e-04	1.07e-03	0.0
526	231	0.01	-1.39e-03	-0.77	-4.05e-04	2.30e-03	0.0
526	272	0.01	-1.92e-03	-0.26	-1.74e-04	7.68e-04	0.0
526	300	-0.05	1.43e-04	-0.19	-8.32e-05	5.74e-04	0.0
526	313	-0.03	1.00e-03	-0.19	-8.85e-05	5.85e-04	0.0
526	316	0.01	5.69e-05	-0.63	-3.29e-04	1.88e-03	0.0
526	324	4.05e-03	4.62e-04	-0.22	-1.04e-04	6.35e-04	0.0
526	338	0.03	-3.73e-03	-0.18	-9.16e-05	5.27e-04	0.0
526	340	-0.02	-2.68e-03	-0.26	-1.22e-04	7.50e-04	0.0
526	351	-5.09e-03	0.01	-0.23	-9.65e-05	6.54e-04	0.0
526	368	-6.47e-03	-3.29e-04	-0.24	-1.14e-04	6.93e-04	0.0
526	370	0.02	-1.63e-03	-0.20	-9.74e-05	5.79e-04	0.0
526	383	-5.43e-04	6.66e-03	-0.22	-1.00e-04	6.45e-04	0.0
527	49	0.01	-1.59e-03	-1.52	-9.77e-04	2.78e-03	0.0
527	132	0.01	-3.09e-03	-0.34	-2.05e-04	5.89e-04	0.0
527	188	-0.06	1.84e-05	-0.44	-3.29e-04	7.99e-04	0.0
527	231	8.12e-03	-8.97e-04	-0.96	-5.19e-04	1.76e-03	0.0
527	272	0.01	-1.73e-03	-0.33	-1.96e-04	5.69e-04	0.0
527	300	-0.04	5.90e-04	-0.23	-8.75e-05	4.33e-04	0.0
527	313	-0.03	1.52e-03	-0.24	-9.35e-05	4.39e-04	0.0
527	316	8.65e-03	6.37e-04	-0.78	-4.15e-04	1.44e-03	0.0
527	324	3.28e-03	9.02e-04	-0.27	-1.11e-04	4.70e-04	0.0
527	338	0.03	-3.72e-03	-0.23	-9.56e-05	3.89e-04	0.0
527	340	-0.02	-2.72e-03	-0.32	-1.34e-04	5.58e-04	0.0
527	351	-5.48e-03	0.01	-0.28	-1.05e-04	4.84e-04	0.0

527	368	-7.77e-03	-1.52e-05	-0.30	-1.23e-04	5.15e-04	0.0
527	370	0.01	-1.40e-03	-0.25	-1.03e-04	4.28e-04	0.0
527	383	-1.12e-03	7.85e-03	-0.28	-1.08e-04	4.78e-04	0.0
528	49	-0.06	-2.08e-03	-1.22	-7.74e-04	-3.64e-03	0.0
528	132	6.81e-03	-3.15e-03	-0.27	-1.78e-04	-8.02e-04	0.0
528	149	-0.07	-1.38e-03	-0.45	-3.57e-04	-1.30e-03	0.0
528	231	-0.04	-1.39e-03	-0.77	-4.05e-04	-2.29e-03	0.0
528	272	4.31e-03	-1.94e-03	-0.26	-1.73e-04	-7.72e-04	0.0
528	281	-0.05	-8.37e-04	-0.20	-9.55e-05	-5.59e-04	0.0
528	313	-0.03	7.01e-04	-0.20	-9.17e-05	-5.71e-04	0.0
528	316	-0.03	6.67e-05	-0.63	-3.29e-04	-1.87e-03	0.0
528	319	0.01	9.56e-04	-0.20	-8.82e-05	-5.86e-04	0.0
528	324	-4.07e-03	4.62e-04	-0.22	-1.04e-04	-6.35e-04	0.0
528	340	-0.03	-2.92e-03	-0.26	-1.27e-04	-7.46e-04	0.0
528	351	-9.87e-03	0.01	-0.23	-8.42e-05	-6.52e-04	0.0
528	372	-0.02	-1.21e-03	-0.24	-1.15e-04	-6.92e-04	0.0
528	383	-7.02e-03	6.76e-03	-0.22	-9.39e-05	-6.44e-04	0.0
529	49	-0.05	-1.58e-03	-1.52	-9.77e-04	-2.77e-03	0.0
529	132	7.32e-03	-3.11e-03	-0.34	-2.04e-04	-5.94e-04	0.0
529	149	-0.07	-9.09e-04	-0.55	-4.14e-04	-9.57e-04	0.0
529	231	-0.04	-8.93e-04	-0.96	-5.19e-04	-1.76e-03	0.0
529	272	4.88e-03	-1.74e-03	-0.33	-1.96e-04	-5.73e-04	0.0
529	281	-0.05	-3.58e-04	-0.24	-1.00e-04	-4.15e-04	0.0
529	313	-0.03	1.28e-03	-0.25	-9.65e-05	-4.24e-04	0.0
529	316	-0.03	6.43e-04	-0.78	-4.15e-04	-1.43e-03	0.0
529	319	0.01	1.50e-03	-0.25	-9.32e-05	-4.39e-04	0.0
529	324	-3.30e-03	9.02e-04	-0.27	-1.11e-04	-4.70e-04	0.0
529	340	-0.03	-2.82e-03	-0.32	-1.37e-04	-5.54e-04	0.0
529	351	-9.42e-03	0.01	-0.28	-9.82e-05	-4.77e-04	0.0
529	372	-0.02	-9.46e-04	-0.30	-1.24e-04	-5.13e-04	0.0
529	383	-6.41e-03	7.90e-03	-0.28	-1.05e-04	-4.74e-04	0.0
530	49	-0.07	-2.58e-03	-0.86	-5.67e-04	-4.27e-03	0.0
530	131	5.80e-03	-3.20e-03	-0.25	-2.01e-04	-1.26e-03	0.0
530	231	-0.05	-1.86e-03	-0.54	-2.98e-04	-2.68e-03	0.0
530	272	4.72e-03	-2.17e-03	-0.18	-1.46e-04	-9.26e-04	0.0
530	310	-4.29e-03	-1.27e-03	-0.16	-9.50e-05	-7.68e-04	0.0
530	316	-0.03	-5.41e-04	-0.44	-2.47e-04	-2.20e-03	0.0
530	324	-4.11e-03	-6.76e-05	-0.16	-9.51e-05	-7.65e-04	0.0
530	339	-0.03	3.46e-03	-0.18	-1.14e-04	-8.92e-04	0.0
530	340	-0.03	-2.99e-03	-0.18	-9.90e-05	-8.99e-04	0.0
530	350	1.62e-03	-0.01	-0.14	-6.59e-05	-7.39e-04	0.0
530	371	-0.02	1.69e-03	-0.17	-1.05e-04	-8.31e-04	0.0
530	372	-0.02	-1.52e-03	-0.17	-9.72e-05	-8.34e-04	0.0
530	382	-1.19e-03	-5.49e-03	-0.15	-8.05e-05	-7.52e-04	0.0
531	49	-0.07	-3.11e-03	-0.44	-3.38e-04	-4.60e-03	0.0
531	51	-0.05	-3.42e-03	-0.34	-2.46e-04	-3.49e-03	0.0
531	231	-0.05	-2.27e-03	-0.28	-1.80e-04	-2.89e-03	0.0
531	232	-0.04	-2.42e-03	-0.23	-1.53e-04	-2.38e-03	0.0
531	310	-3.30e-03	-1.55e-03	-0.08	-7.26e-05	-8.35e-04	0.0
531	316	-0.03	-1.10e-03	-0.23	-1.54e-04	-2.37e-03	0.0
531	324	-3.14e-03	-5.36e-04	-0.08	-7.32e-05	-8.34e-04	0.0
531	339	-0.03	2.35e-03	-0.10	-8.59e-05	-9.72e-04	0.0
531	340	-0.03	-2.93e-03	-0.10	-7.35e-05	-9.81e-04	0.0
531	350	2.75e-03	-9.47e-03	-0.07	-5.04e-05	-8.06e-04	0.0
531	371	-0.02	8.98e-04	-0.09	-7.96e-05	-9.05e-04	0.0
531	372	-0.02	-1.72e-03	-0.09	-7.34e-05	-9.10e-04	0.0
531	382	-1.38e-04	-4.98e-03	-0.08	-6.18e-05	-8.19e-04	0.0
532	49	-0.06	-1.26e-03	-0.02	-1.89e-04	-4.47e-03	0.0
532	57	-0.02	-2.38e-04	-0.03	-3.42e-04	-2.28e-03	0.0
532	121	-6.66e-03	-2.03e-03	-7.07e-03	-7.97e-05	-1.09e-03	0.0
532	231	-0.04	-1.34e-03	-0.01	-1.04e-04	-2.83e-03	0.0
532	232	-0.03	-1.51e-03	-0.01	-9.14e-05	-2.32e-03	0.0
532	235	-0.01	-5.83e-04	-0.02	-2.17e-04	-1.21e-03	0.0
532	310	-1.33e-03	-9.58e-04	-4.87e-03	-5.58e-05	-7.90e-04	0.0
532	316	-0.03	-4.57e-04	-0.01	-9.23e-05	-2.31e-03	0.0
532	317	-8.27e-03	1.10e-04	-0.01	-1.77e-04	-1.10e-03	0.0
532	324	-1.21e-03	-1.67e-04	-5.16e-03	-5.66e-05	-7.90e-04	0.0
532	331	-0.03	2.02e-03	-9.33e-03	-6.68e-05	-9.29e-04	0.0
532	340	-0.03	-2.09e-03	-7.61e-03	-5.59e-05	-9.40e-04	0.0
532	350	4.99e-03	-6.98e-03	-1.37e-03	-3.70e-05	-7.65e-04	0.0
532	363	-0.01	9.22e-04	-7.27e-03	-6.17e-05	-8.62e-04	0.0
532	372	-0.02	-1.12e-03	-6.41e-03	-5.63e-05	-8.67e-04	0.0
532	382	1.94e-03	-3.55e-03	-3.27e-03	-4.69e-05	-7.77e-04	0.0
533	49	-1.37e-03	-7.14e-04	-1.75	-1.21e-03	1.51e-03	0.0
533	132	0.01	-3.17e-03	-0.38	-2.39e-04	3.12e-04	0.0
533	188	-0.06	7.18e-05	-0.50	-3.80e-04	4.30e-04	0.0
533	231	-1.84e-03	-2.33e-04	-1.10	-6.68e-04	9.70e-04	0.0

533	272	0.01	-1.75e-03	-0.37	-2.29e-04	3.03e-04	0.0
533	300	-0.04	6.55e-04	-0.27	-1.07e-04	2.40e-04	0.0
533	313	-0.03	1.66e-03	-0.28	-1.13e-04	2.41e-04	0.0
533	316	9.32e-04	1.24e-03	-0.90	-5.32e-04	7.88e-04	0.0
533	324	1.83e-03	1.05e-03	-0.31	-1.32e-04	2.52e-04	0.0
533	338	0.03	-3.90e-03	-0.26	-1.13e-04	2.05e-04	0.0
533	340	-0.02	-2.87e-03	-0.36	-1.59e-04	3.02e-04	0.0
533	351	-6.32e-03	0.02	-0.32	-1.24e-04	2.59e-04	0.0
533	370	0.01	-1.42e-03	-0.28	-1.22e-04	2.28e-04	0.0
533	372	-9.74e-03	-8.93e-04	-0.34	-1.46e-04	2.77e-04	0.0
533	383	-2.28e-03	8.52e-03	-0.32	-1.28e-04	2.55e-04	0.0
534	49	-0.02	-3.41e-04	-1.82	-1.30e-03	4.05e-06	0.0
534	132	0.01	-3.22e-03	-0.40	-2.54e-04	-2.54e-06	0.0
534	187	-0.06	4.43e-04	-0.65	-4.85e-04	1.67e-05	0.0
534	231	-0.01	3.88e-05	-1.15	-7.20e-04	2.84e-06	0.0
534	272	8.18e-03	-1.79e-03	-0.39	-2.45e-04	-1.92e-06	0.0
534	300	-0.05	5.83e-04	-0.28	-1.19e-04	1.22e-05	0.0
534	313	-0.03	1.63e-03	-0.29	-1.25e-04	8.82e-06	0.0
534	316	-8.29e-03	1.47e-03	-0.94	-5.74e-04	1.83e-06	0.0
534	319	0.01	1.66e-03	-0.29	-1.25e-04	-5.41e-06	0.0
534	324	-9.01e-06	1.07e-03	-0.32	-1.43e-04	0.0	0.0
534	335	-0.02	4.74e-03	-0.38	-1.66e-04	-6.20e-06	0.0
534	340	-0.02	-2.97e-03	-0.38	-1.74e-04	-1.08e-05	0.0
534	351	-6.84e-03	0.02	-0.33	-1.37e-04	8.12e-06	0.0
534	367	-0.01	2.62e-03	-0.35	-1.55e-04	-1.16e-06	0.0
534	372	-0.01	-9.29e-04	-0.35	-1.59e-04	-5.38e-06	0.0
534	383	-3.46e-03	8.73e-03	-0.33	-1.40e-04	4.02e-06	0.0
535	49	-0.04	-7.09e-04	-1.75	-1.21e-03	-1.51e-03	0.0
535	132	8.72e-03	-3.18e-03	-0.38	-2.38e-04	-3.17e-04	0.0
535	149	-0.06	-7.10e-04	-0.63	-4.76e-04	-5.00e-04	0.0
535	231	-0.03	-2.31e-04	-1.10	-6.67e-04	-9.64e-04	0.0
535	272	6.29e-03	-1.75e-03	-0.37	-2.29e-04	-3.07e-04	0.0
535	281	-0.05	-1.93e-04	-0.27	-1.20e-04	-2.19e-04	0.0
535	313	-0.03	1.53e-03	-0.28	-1.15e-04	-2.24e-04	0.0
535	316	-0.02	1.24e-03	-0.90	-5.32e-04	-7.84e-04	0.0
535	319	0.01	1.67e-03	-0.28	-1.13e-04	-2.39e-04	0.0
535	324	-1.85e-03	1.05e-03	-0.31	-1.32e-04	-2.52e-04	0.0
535	340	-0.03	-2.91e-03	-0.36	-1.60e-04	-2.97e-04	0.0
535	351	-8.51e-03	0.02	-0.32	-1.24e-04	-2.49e-04	0.0
535	368	-0.01	4.59e-05	-0.34	-1.45e-04	-2.75e-04	0.0
535	372	-0.01	-9.14e-04	-0.34	-1.46e-04	-2.75e-04	0.0
535	383	-5.22e-03	8.54e-03	-0.32	-1.28e-04	-2.50e-04	0.0
536	49	-0.06	3.92e-04	0.11	-1.65e-04	-4.45e-03	0.0
536	122	-6.27e-03	-1.33e-03	0.02	-4.24e-05	-7.78e-04	0.0
536	231	-0.04	-4.86e-04	0.07	-9.09e-05	-2.82e-03	0.0
536	267	-4.62e-03	-7.71e-04	0.02	-5.36e-05	-7.99e-04	0.0
536	311	0.01	7.49e-04	0.02	-6.27e-05	-9.12e-04	0.0
536	316	-0.03	2.58e-04	0.06	-8.18e-05	-2.30e-03	0.0
536	324	-1.28e-03	3.16e-04	0.02	-5.29e-05	-7.87e-04	0.0
536	330	0.03	-1.39e-03	0.02	-4.35e-05	-6.49e-04	0.0
536	340	-0.03	-1.74e-03	0.02	-5.25e-05	-9.35e-04	0.0
536	353	9.18e-03	6.46e-03	0.02	-6.77e-05	-7.26e-04	0.0
536	362	0.01	-5.33e-04	0.02	-4.82e-05	-7.16e-04	0.0
536	372	-0.02	-7.07e-04	0.02	-5.27e-05	-8.63e-04	0.0
536	385	3.99e-03	3.37e-03	0.02	-6.02e-05	-7.56e-04	0.0
537	50	-0.05	-3.71e-04	-2.49e-03	-8.47e-05	1.23e-03	0.0
537	73	0.04	-1.26e-03	-0.02	-1.89e-04	4.47e-03	0.0
537	121	-2.87e-03	-2.03e-03	-5.89e-03	-7.92e-05	1.08e-03	0.0
537	231	-0.04	-7.24e-04	-6.60e-04	-5.08e-05	6.53e-04	0.0
537	243	0.03	-1.34e-03	-0.01	-1.03e-04	2.83e-03	0.0
537	244	0.02	-1.51e-03	-9.82e-03	-9.12e-05	2.32e-03	0.0
537	310	1.31e-03	-9.57e-04	-4.87e-03	-5.57e-05	7.90e-04	0.0
537	316	-0.03	6.59e-06	-2.30e-03	-5.29e-05	6.87e-04	0.0
537	319	0.02	-4.56e-04	-0.01	-9.24e-05	2.32e-03	0.0
537	324	1.20e-03	-1.67e-04	-5.16e-03	-5.66e-05	7.90e-04	0.0
537	334	0.03	-1.79e-03	-7.66e-03	-4.70e-05	7.55e-04	0.0
537	337	0.03	1.68e-03	-9.24e-03	-5.88e-05	7.69e-04	0.0
537	352	-6.09e-03	-6.62e-03	-1.43e-03	-4.03e-05	7.83e-04	0.0
537	366	0.02	-8.56e-04	-6.52e-03	-5.29e-05	7.76e-04	0.0
537	369	0.02	7.52e-04	-7.22e-03	-5.77e-05	7.80e-04	0.0
537	384	-2.50e-03	-3.37e-03	-3.30e-03	-4.85e-05	7.87e-04	0.0
538	50	-0.05	9.51e-04	0.03	-7.27e-05	1.21e-03	0.0
538	73	0.04	4.02e-04	0.11	-1.65e-04	4.45e-03	0.0
538	122	-3.26e-03	-1.31e-03	0.02	-4.19e-05	7.65e-04	0.0
538	231	-0.04	2.17e-05	0.02	-4.62e-05	6.48e-04	0.0
538	243	0.03	-4.81e-04	0.07	-9.07e-05	2.82e-03	0.0
538	267	-1.71e-03	-7.58e-04	0.02	-5.32e-05	7.90e-04	0.0

538	311	0.02	7.52e-04	0.02	-6.25e-05	8.98e-04	0.0
538	316	-0.03	6.28e-04	0.02	-4.86e-05	6.82e-04	0.0
538	319	0.02	2.51e-04	0.06	-8.20e-05	2.31e-03	0.0
538	324	1.27e-03	3.16e-04	0.02	-5.29e-05	7.87e-04	0.0
538	334	0.03	-8.99e-04	0.02	-4.44e-05	7.51e-04	0.0
538	340	-0.03	-1.71e-03	0.02	-5.06e-05	8.08e-04	0.0
538	353	8.68e-03	6.47e-03	0.01	-6.80e-05	7.93e-04	0.0
538	366	0.02	-1.67e-04	0.02	-4.95e-05	7.72e-04	0.0
538	372	-0.01	-6.93e-04	0.02	-5.17e-05	7.98e-04	0.0
538	385	5.03e-03	3.37e-03	0.02	-6.04e-05	7.90e-04	0.0
539	50	-0.05	-1.66e-03	-0.12	-1.38e-04	1.35e-03	0.0
539	73	0.04	-3.13e-03	-0.44	-3.38e-04	4.60e-03	0.0
539	75	0.03	-3.44e-03	-0.33	-2.46e-04	3.48e-03	0.0
539	231	-0.04	-1.34e-03	-0.07	-6.40e-05	7.24e-04	0.0
539	243	0.03	-2.28e-03	-0.28	-1.80e-04	2.89e-03	0.0
539	244	0.02	-2.43e-03	-0.23	-1.53e-04	2.38e-03	0.0
539	310	3.29e-03	-1.54e-03	-0.08	-7.25e-05	8.35e-04	0.0
539	319	0.02	-1.09e-03	-0.23	-1.54e-04	2.37e-03	0.0
539	324	3.13e-03	-5.36e-04	-0.08	-7.32e-05	8.34e-04	0.0
539	334	0.03	-2.69e-03	-0.08	-6.32e-05	8.05e-04	0.0
539	341	0.01	5.76e-03	-0.09	-9.62e-05	8.59e-04	0.0
539	350	0.01	-7.96e-03	-0.08	-5.37e-05	8.39e-04	0.0
539	366	0.02	-1.50e-03	-0.08	-6.99e-05	8.25e-04	0.0
539	381	6.86e-03	3.08e-03	-0.08	-8.19e-05	8.25e-04	0.0
539	382	7.98e-03	-4.22e-03	-0.08	-6.35e-05	8.36e-04	0.0
540	50	-0.05	-1.15e-03	-0.25	-2.16e-04	1.27e-03	0.0
540	73	0.04	-2.60e-03	-0.85	-5.66e-04	4.27e-03	0.0
540	131	0.02	-3.28e-03	-0.25	-1.99e-04	1.23e-03	0.0
540	231	-0.03	-7.98e-04	-0.13	-7.96e-05	6.82e-04	0.0
540	243	0.03	-1.87e-03	-0.54	-2.98e-04	2.68e-03	0.0
540	272	0.02	-2.23e-03	-0.18	-1.45e-04	9.09e-04	0.0
540	310	4.28e-03	-1.26e-03	-0.16	-9.47e-05	7.67e-04	0.0
540	319	0.02	-5.26e-04	-0.44	-2.47e-04	2.20e-03	0.0
540	324	4.10e-03	-6.76e-05	-0.16	-9.51e-05	7.65e-04	0.0
540	334	0.03	-2.54e-03	-0.16	-8.28e-05	7.47e-04	0.0
540	341	0.01	7.41e-03	-0.16	-1.24e-04	7.90e-04	0.0
540	350	0.01	-8.34e-03	-0.15	-7.28e-05	7.73e-04	0.0
540	366	0.02	-1.19e-03	-0.16	-9.17e-05	7.62e-04	0.0
540	381	7.87e-03	3.97e-03	-0.16	-1.05e-04	7.59e-04	0.0
540	382	9.00e-03	-4.18e-03	-0.15	-8.40e-05	7.69e-04	0.0
541	50	-0.04	-7.63e-04	-0.35	-2.79e-04	1.07e-03	0.0
541	73	0.04	-2.11e-03	-1.22	-7.74e-04	3.64e-03	0.0
541	132	0.02	-3.24e-03	-0.27	-1.76e-04	7.82e-04	0.0
541	231	-0.03	-2.20e-04	-0.19	-8.31e-05	5.74e-04	0.0
541	243	0.03	-1.39e-03	-0.77	-4.04e-04	2.30e-03	0.0
541	272	0.02	-2.00e-03	-0.26	-1.72e-04	7.58e-04	0.0
541	316	-0.02	9.60e-04	-0.20	-8.81e-05	5.88e-04	0.0
541	319	0.02	8.14e-05	-0.63	-3.29e-04	1.88e-03	0.0
541	321	0.02	8.20e-04	-0.20	-9.19e-05	5.82e-04	0.0
541	324	4.06e-03	4.62e-04	-0.22	-1.04e-04	6.35e-04	0.0
541	334	0.03	-2.28e-03	-0.22	-9.00e-05	6.23e-04	0.0
541	345	0.01	9.02e-03	-0.23	-1.36e-04	6.57e-04	0.0
541	351	-5.68e-03	9.51e-03	-0.22	-1.22e-04	6.21e-04	0.0
541	366	0.02	-8.06e-04	-0.22	-1.00e-04	6.34e-04	0.0
541	383	-8.49e-04	4.96e-03	-0.22	-1.13e-04	6.28e-04	0.0
541	385	7.97e-03	4.91e-03	-0.22	-1.12e-04	6.27e-04	0.0
542	50	-0.04	-5.24e-04	-0.44	-3.31e-04	7.99e-04	0.0
542	73	0.03	-1.61e-03	-1.52	-9.77e-04	2.77e-03	0.0
542	132	0.02	-3.18e-03	-0.33	-2.02e-04	5.79e-04	0.0
542	231	-0.03	2.37e-04	-0.24	-8.77e-05	4.33e-04	0.0
542	243	0.02	-8.93e-04	-0.96	-5.18e-04	1.76e-03	0.0
542	272	0.02	-1.79e-03	-0.32	-1.95e-04	5.61e-04	0.0
542	316	-0.02	1.50e-03	-0.24	-9.31e-05	4.41e-04	0.0
542	319	0.02	6.57e-04	-0.78	-4.16e-04	1.44e-03	0.0
542	321	0.02	1.40e-03	-0.25	-9.66e-05	4.32e-04	0.0
542	324	3.29e-03	9.02e-04	-0.27	-1.11e-04	4.70e-04	0.0
542	334	0.03	-2.04e-03	-0.27	-9.72e-05	4.59e-04	0.0
542	347	-7.31e-03	0.01	-0.28	-1.48e-04	4.93e-04	0.0
542	351	-6.37e-03	0.01	-0.27	-1.23e-04	4.54e-04	0.0
542	366	0.02	-4.79e-04	-0.27	-1.11e-04	4.69e-04	0.0
542	380	-3.17e-04	-3.51e-03	-0.27	-1.17e-04	4.76e-04	0.0
542	383	-1.58e-03	5.69e-03	-0.27	-1.17e-04	4.62e-04	0.0
543	49	-0.05	-9.05e-04	-0.45	-3.46e-04	-1.30e-03	0.0
543	73	-0.05	-2.11e-03	-1.22	-7.74e-04	-3.64e-03	0.0
543	152	-0.04	-3.30e-03	-0.27	-1.75e-04	-7.72e-04	0.0
543	231	-0.03	-5.00e-04	-0.19	-8.78e-05	-5.60e-04	0.0
543	243	-0.03	-1.39e-03	-0.77	-4.04e-04	-2.29e-03	0.0

543	282	-0.03	-2.04e-03	-0.20	-1.05e-04	-5.91e-04	0.0
543	316	-0.02	7.51e-04	-0.20	-9.16e-05	-5.78e-04	0.0
543	319	-0.02	8.13e-05	-0.63	-3.29e-04	-1.88e-03	0.0
543	321	0.02	1.03e-03	-0.20	-8.83e-05	-5.91e-04	0.0
543	324	-4.06e-03	4.62e-04	-0.22	-1.04e-04	-6.35e-04	0.0
543	335	-0.03	2.86e-03	-0.22	-1.08e-04	-6.22e-04	0.0
543	341	9.26e-04	9.06e-03	-0.23	-1.30e-04	-6.08e-04	0.0
543	347	-0.02	8.96e-03	-0.23	-1.28e-04	-6.06e-04	0.0
543	372	-0.02	-8.06e-04	-0.22	-1.00e-04	-6.34e-04	0.0
543	373	8.49e-04	4.96e-03	-0.22	-1.13e-04	-6.28e-04	0.0
543	379	-7.97e-03	4.91e-03	-0.22	-1.12e-04	-6.27e-04	0.0
544	49	-0.05	-4.08e-04	-0.55	-4.02e-04	-9.57e-04	0.0
544	73	-0.04	-1.61e-03	-1.52	-9.77e-04	-2.77e-03	0.0
544	152	-0.04	-3.24e-03	-0.33	-2.02e-04	-5.71e-04	0.0
544	231	-0.03	-3.14e-06	-0.24	-9.21e-05	-4.15e-04	0.0
544	243	-0.02	-8.94e-04	-0.96	-5.18e-04	-1.76e-03	0.0
544	282	-0.03	-1.77e-03	-0.25	-1.13e-04	-4.39e-04	0.0
544	316	-0.02	1.32e-03	-0.25	-9.64e-05	-4.29e-04	0.0
544	319	-0.02	6.57e-04	-0.78	-4.16e-04	-1.44e-03	0.0
544	321	0.02	1.58e-03	-0.25	-9.33e-05	-4.43e-04	0.0
544	324	-3.29e-03	9.02e-04	-0.27	-1.11e-04	-4.70e-04	0.0
544	335	-0.03	3.58e-03	-0.27	-1.17e-04	-4.58e-04	0.0
544	341	2.30e-03	0.01	-0.28	-1.42e-04	-4.46e-04	0.0
544	345	2.44e-03	0.01	-0.28	-1.42e-04	-4.46e-04	0.0
544	372	-0.02	-4.79e-04	-0.27	-1.11e-04	-4.69e-04	0.0
544	373	1.58e-03	5.69e-03	-0.27	-1.17e-04	-4.62e-04	0.0
544	386	3.17e-04	-3.51e-03	-0.27	-1.17e-04	-4.76e-04	0.0
545	73	-0.05	-2.60e-03	-0.85	-5.66e-04	-4.27e-03	0.0
545	151	-0.04	-3.35e-03	-0.25	-1.99e-04	-1.22e-03	0.0
545	243	-0.03	-1.87e-03	-0.54	-2.98e-04	-2.68e-03	0.0
545	282	-0.03	-2.31e-03	-0.14	-9.67e-05	-7.10e-04	0.0
545	310	-4.28e-03	-1.26e-03	-0.16	-9.47e-05	-7.67e-04	0.0
545	319	-0.02	-5.26e-04	-0.44	-2.47e-04	-2.20e-03	0.0
545	324	-4.10e-03	-6.76e-05	-0.16	-9.51e-05	-7.65e-04	0.0
545	335	-0.03	2.09e-03	-0.16	-9.80e-05	-7.64e-04	0.0
545	343	-0.02	7.77e-03	-0.16	-1.15e-04	-7.91e-04	0.0
545	344	-8.51e-03	-8.04e-03	-0.15	-7.30e-05	-7.34e-04	0.0
545	372	-0.02	-1.19e-03	-0.16	-9.17e-05	-7.62e-04	0.0
545	375	-7.87e-03	3.97e-03	-0.16	-1.05e-04	-7.59e-04	0.0
545	376	-9.00e-03	-4.18e-03	-0.15	-8.40e-05	-7.69e-04	0.0
546	73	-0.05	-3.13e-03	-0.44	-3.38e-04	-4.60e-03	0.0
546	151	-0.03	-3.46e-03	-0.13	-1.39e-04	-1.31e-03	0.0
546	243	-0.04	-2.28e-03	-0.28	-1.80e-04	-2.89e-03	0.0
546	244	-0.03	-2.43e-03	-0.23	-1.53e-04	-2.37e-03	0.0
546	310	-3.29e-03	-1.54e-03	-0.08	-7.25e-05	-8.35e-04	0.0
546	319	-0.02	-1.09e-03	-0.23	-1.54e-04	-2.37e-03	0.0
546	324	-3.13e-03	-5.36e-04	-0.08	-7.32e-05	-8.34e-04	0.0
546	335	-0.03	1.51e-03	-0.08	-7.56e-05	-8.22e-04	0.0
546	343	-0.02	7.02e-03	-0.09	-8.97e-05	-8.53e-04	0.0
546	344	-7.02e-03	-8.25e-03	-0.08	-5.48e-05	-8.02e-04	0.0
546	372	-0.02	-1.50e-03	-0.08	-6.99e-05	-8.25e-04	0.0
546	375	-6.86e-03	3.08e-03	-0.08	-8.19e-05	-8.25e-04	0.0
546	376	-7.98e-03	-4.22e-03	-0.08	-6.35e-05	-8.36e-04	0.0
547	73	-0.05	-1.26e-03	-0.02	-1.89e-04	-4.46e-03	0.0
547	81	-0.02	-2.50e-04	-0.03	-3.42e-04	-2.26e-03	0.0
547	141	-9.55e-03	-2.05e-03	-7.38e-03	-7.88e-05	-1.06e-03	0.0
547	243	-0.03	-1.34e-03	-0.01	-1.03e-04	-2.82e-03	0.0
547	244	-0.03	-1.51e-03	-0.01	-9.12e-05	-2.32e-03	0.0
547	247	-0.01	-5.90e-04	-0.02	-2.16e-04	-1.19e-03	0.0
547	310	-1.31e-03	-9.57e-04	-4.86e-03	-5.57e-05	-7.90e-04	0.0
547	320	-7.01e-03	1.08e-04	-0.01	-1.77e-04	-1.09e-03	0.0
547	321	0.03	1.68e-05	-2.80e-03	-5.33e-05	-6.93e-04	0.0
547	324	-1.20e-03	-1.67e-04	-5.16e-03	-5.66e-05	-7.90e-04	0.0
547	335	-0.03	2.07e-03	-9.44e-03	-5.92e-05	-7.72e-04	0.0
547	342	0.01	-7.90e-03	-7.65e-04	-3.90e-05	-7.73e-04	0.0
547	347	-0.01	7.52e-03	-9.57e-03	-7.42e-05	-8.08e-04	0.0
547	367	-0.02	7.52e-04	-7.22e-03	-5.77e-05	-7.80e-04	0.0
547	372	-0.02	-8.56e-04	-6.52e-03	-5.29e-05	-7.76e-04	0.0
547	374	2.50e-03	-3.37e-03	-3.30e-03	-4.85e-05	-7.87e-04	0.0
548	50	-0.04	-4.54e-04	-0.50	-3.82e-04	4.28e-04	0.0
548	73	0.01	-7.34e-04	-1.74	-1.21e-03	1.51e-03	0.0
548	152	-0.03	-3.26e-03	-0.37	-2.36e-04	3.14e-04	0.0
548	231	-0.03	3.21e-04	-0.27	-1.08e-04	2.39e-04	0.0
548	243	8.65e-03	-2.29e-04	-1.10	-6.67e-04	9.67e-04	0.0
548	272	0.02	-1.80e-03	-0.37	-2.27e-04	2.99e-04	0.0
548	316	-0.02	1.67e-03	-0.28	-1.13e-04	2.41e-04	0.0
548	319	9.27e-03	1.26e-03	-0.90	-5.32e-04	7.87e-04	0.0

548	324	1.84e-03	1.05e-03	-0.31	-1.32e-04	2.52e-04	0.0
548	334	0.03	-2.00e-03	-0.31	-1.18e-04	2.54e-04	0.0
548	343	-8.72e-03	0.01	-0.32	-1.70e-04	2.68e-04	0.0
548	347	-8.86e-03	0.01	-0.32	-1.70e-04	2.68e-04	0.0
548	366	0.02	-4.10e-04	-0.31	-1.33e-04	2.57e-04	0.0
548	380	-1.98e-03	-3.73e-03	-0.31	-1.38e-04	2.54e-04	0.0
548	383	-3.00e-03	6.02e-03	-0.31	-1.28e-04	2.42e-04	0.0
549	49	-0.05	-5.90e-05	-0.65	-4.87e-04	1.38e-05	0.0
549	73	-4.78e-03	-3.64e-04	-1.82	-1.30e-03	1.02e-06	0.0
549	152	-0.03	-3.33e-03	-0.39	-2.51e-04	6.80e-06	0.0
549	231	-0.03	2.68e-04	-0.28	-1.20e-04	1.02e-05	0.0
549	243	-3.17e-03	4.24e-05	-1.15	-7.20e-04	0.0	0.0
549	272	0.02	-1.83e-03	-0.38	-2.44e-04	-3.14e-06	0.0
549	316	-0.02	1.66e-03	-0.29	-1.25e-04	7.11e-06	0.0
549	319	0.0	1.49e-03	-0.94	-5.75e-04	0.0	0.0
549	321	0.02	1.74e-03	-0.30	-1.25e-04	-6.65e-06	0.0
549	324	0.0	1.07e-03	-0.32	-1.43e-04	0.0	0.0
549	335	-0.03	4.12e-03	-0.33	-1.55e-04	-4.53e-06	0.0
549	343	-0.01	0.01	-0.33	-1.81e-04	1.60e-05	0.0
549	372	-0.02	-4.17e-04	-0.32	-1.45e-04	-3.36e-06	0.0
549	375	-4.92e-03	6.04e-03	-0.32	-1.37e-04	4.33e-06	0.0
549	380	-4.00e-03	-3.90e-03	-0.32	-1.49e-04	-7.36e-06	0.0
550	49	-0.05	-1.75e-04	-0.63	-4.61e-04	-5.01e-04	0.0
550	73	-0.02	-7.35e-04	-1.74	-1.21e-03	-1.51e-03	0.0
550	152	-0.03	-3.30e-03	-0.37	-2.35e-04	-3.01e-04	0.0
550	231	-0.03	1.85e-04	-0.27	-1.10e-04	-2.19e-04	0.0
550	243	-0.01	-2.29e-04	-1.10	-6.67e-04	-9.66e-04	0.0
550	282	-0.03	-1.78e-03	-0.29	-1.35e-04	-2.35e-04	0.0
550	316	-0.02	1.57e-03	-0.28	-1.15e-04	-2.27e-04	0.0
550	319	-9.27e-03	1.26e-03	-0.90	-5.32e-04	-7.87e-04	0.0
550	321	0.02	1.76e-03	-0.28	-1.13e-04	-2.42e-04	0.0
550	324	-1.84e-03	1.05e-03	-0.31	-1.32e-04	-2.52e-04	0.0
550	335	-0.03	3.97e-03	-0.31	-1.40e-04	-2.54e-04	0.0
550	341	4.39e-03	0.01	-0.32	-1.67e-04	-2.27e-04	0.0
550	345	4.53e-03	0.01	-0.32	-1.67e-04	-2.27e-04	0.0
550	372	-0.02	-4.10e-04	-0.31	-1.33e-04	-2.57e-04	0.0
550	373	3.00e-03	6.02e-03	-0.31	-1.28e-04	-2.42e-04	0.0
550	386	1.98e-03	-3.73e-03	-0.31	-1.38e-04	-2.54e-04	0.0
551	73	-0.05	3.98e-04	0.11	-1.65e-04	-4.45e-03	0.0
551	122	-6.31e-03	-1.31e-03	0.02	-4.19e-05	-7.63e-04	0.0
551	243	-0.03	-4.83e-04	0.07	-9.07e-05	-2.82e-03	0.0
551	289	0.02	9.40e-04	0.03	-7.91e-05	-1.16e-03	0.0
551	311	0.02	9.15e-04	0.02	-6.28e-05	-9.06e-04	0.0
551	319	-0.02	2.51e-04	0.06	-8.20e-05	-2.31e-03	0.0
551	321	0.03	6.20e-04	0.02	-4.90e-05	-6.89e-04	0.0
551	324	-1.27e-03	3.16e-04	0.02	-5.29e-05	-7.87e-04	0.0
551	334	0.03	-2.21e-03	0.02	-4.98e-05	-8.05e-04	0.0
551	335	-0.03	2.84e-03	0.01	-5.59e-05	-7.68e-04	0.0
551	347	-0.01	8.11e-03	0.01	-7.06e-05	-8.04e-04	0.0
551	366	0.01	-6.93e-04	0.02	-5.17e-05	-7.98e-04	0.0
551	372	-0.02	-1.67e-04	0.02	-4.95e-05	-7.72e-04	0.0
551	379	-5.03e-03	3.37e-03	0.02	-6.04e-05	-7.90e-04	0.0
552	89	0.05	-1.29e-03	-0.02	-2.01e-04	4.44e-03	0.0
552	141	-5.51e-03	-2.05e-03	-5.54e-03	-7.86e-05	1.05e-03	0.0
552	251	0.03	-1.36e-03	-0.01	-1.12e-04	2.81e-03	0.0
552	252	0.03	-1.52e-03	-0.01	-9.77e-05	2.30e-03	0.0
552	310	1.33e-03	-9.58e-04	-4.87e-03	-5.58e-05	7.90e-04	0.0
552	321	0.03	-4.65e-04	-0.01	-9.90e-05	2.31e-03	0.0
552	324	1.21e-03	-1.67e-04	-5.16e-03	-5.66e-05	7.90e-04	0.0
552	334	0.03	-2.78e-03	-7.37e-03	-5.38e-05	9.56e-04	0.0
552	341	2.97e-03	8.93e-03	-9.78e-03	-8.34e-05	7.61e-04	0.0
552	344	-5.57e-04	-9.27e-03	-5.53e-04	-2.98e-05	8.20e-04	0.0
552	357	0.01	9.22e-04	-7.27e-03	-6.17e-05	8.62e-04	0.0
552	366	0.02	-1.12e-03	-6.42e-03	-5.63e-05	8.67e-04	0.0
552	376	-1.94e-03	-3.55e-03	-3.27e-03	-4.69e-05	7.77e-04	0.0
553	89	0.05	2.51e-04	0.11	-1.75e-04	4.42e-03	0.0
553	122	-3.17e-03	-1.29e-03	0.02	-4.15e-05	7.52e-04	0.0
553	251	0.03	-5.93e-04	0.07	-9.82e-05	2.80e-03	0.0
553	289	0.03	9.49e-04	0.02	-7.74e-05	1.12e-03	0.0
553	311	0.02	9.10e-04	0.02	-6.17e-05	8.78e-04	0.0
553	321	0.03	1.56e-04	0.06	-8.78e-05	2.30e-03	0.0
553	324	1.28e-03	3.16e-04	0.02	-5.29e-05	7.87e-04	0.0
553	334	0.03	-2.18e-03	0.02	-5.11e-05	9.51e-04	0.0
553	344	-5.14e-04	-7.20e-03	0.02	-3.08e-05	8.15e-04	0.0
553	347	-0.01	7.93e-03	0.02	-7.23e-05	6.72e-04	0.0
553	360	-0.01	-5.33e-04	0.02	-4.82e-05	7.16e-04	0.0
553	366	0.02	-7.07e-04	0.02	-5.27e-05	8.63e-04	0.0

553	379	-3.99e-03	3.37e-03	0.02	-6.02e-05	7.56e-04	0.0
554	89	0.05	-2.79e-03	-0.44	-3.60e-04	4.56e-03	0.0
554	151	-0.02	-3.47e-03	-0.12	-1.39e-04	1.32e-03	0.0
554	251	0.04	-2.03e-03	-0.28	-1.96e-04	2.86e-03	0.0
554	282	-0.02	-2.43e-03	-0.07	-7.36e-05	7.72e-04	0.0
554	310	3.30e-03	-1.55e-03	-0.08	-7.26e-05	8.35e-04	0.0
554	321	0.03	-8.70e-04	-0.23	-1.66e-04	2.36e-03	0.0
554	324	3.14e-03	-5.36e-04	-0.08	-7.32e-05	8.34e-04	0.0
554	334	0.03	-4.44e-03	-0.10	-9.10e-05	1.00e-03	0.0
554	344	1.56e-03	-0.01	-0.08	-1.09e-04	8.69e-04	0.0
554	365	0.02	8.98e-04	-0.09	-7.96e-05	9.05e-04	0.0
554	366	0.02	-1.72e-03	-0.09	-7.34e-05	9.10e-04	0.0
554	376	1.38e-04	-4.98e-03	-0.08	-6.18e-05	8.19e-04	0.0
555	89	0.05	-1.83e-03	-0.85	-6.12e-04	4.16e-03	0.0
555	97	0.05	-2.67e-03	-0.74	-4.99e-04	3.73e-03	0.0
555	151	-0.02	-3.37e-03	-0.24	-1.99e-04	1.23e-03	0.0
555	251	0.03	-1.30e-03	-0.53	-3.32e-04	2.60e-03	0.0
555	270	0.04	-1.45e-03	-0.23	-2.11e-04	1.15e-03	0.0
555	282	-0.01	-2.32e-03	-0.14	-9.67e-05	7.18e-04	0.0
555	310	4.29e-03	-1.27e-03	-0.16	-9.50e-05	7.68e-04	0.0
555	311	0.03	-5.80e-06	-0.18	-1.36e-04	8.88e-04	0.0
555	321	0.03	-5.76e-05	-0.44	-2.73e-04	2.15e-03	0.0
555	324	4.11e-03	-6.76e-05	-0.16	-9.51e-05	7.65e-04	0.0
555	334	0.03	-5.40e-03	-0.19	-1.26e-04	9.18e-04	0.0
555	344	2.26e-03	-0.02	-0.16	-1.56e-04	8.02e-04	0.0
555	365	0.02	1.69e-03	-0.17	-1.05e-04	8.31e-04	0.0
555	366	0.02	-1.52e-03	-0.17	-9.72e-05	8.34e-04	0.0
555	376	1.19e-03	-5.49e-03	-0.15	-8.05e-05	7.52e-04	0.0
556	89	0.04	-9.57e-04	-1.20	-8.49e-04	3.36e-03	0.0
556	105	0.05	-9.24e-04	-0.45	-3.46e-04	1.29e-03	0.0
556	152	-0.02	-3.34e-03	-0.26	-1.75e-04	7.84e-04	0.0
556	251	0.03	-5.45e-04	-0.75	-4.61e-04	2.09e-03	0.0
556	270	0.04	-1.08e-03	-0.33	-2.63e-04	9.62e-04	0.0
556	282	-0.01	-2.07e-03	-0.20	-1.05e-04	6.00e-04	0.0
556	311	0.03	5.84e-04	-0.26	-1.60e-04	7.40e-04	0.0
556	319	-0.01	9.56e-04	-0.20	-8.82e-05	5.86e-04	0.0
556	321	0.03	7.65e-04	-0.62	-3.72e-04	1.73e-03	0.0
556	324	4.07e-03	4.62e-04	-0.22	-1.04e-04	6.35e-04	0.0
556	334	0.03	-6.21e-03	-0.27	-1.46e-04	7.60e-04	0.0
556	341	6.89e-03	0.02	-0.21	-1.83e-05	6.05e-04	0.0
556	366	0.02	-1.21e-03	-0.24	-1.15e-04	6.92e-04	0.0
556	373	7.02e-03	6.76e-03	-0.22	-9.39e-05	6.44e-04	0.0
557	89	0.03	-5.35e-04	-1.46	-1.01e-03	2.27e-03	0.0
557	105	0.05	-4.12e-04	-0.55	-4.01e-04	9.53e-04	0.0
557	152	-0.02	-3.30e-03	-0.33	-2.01e-04	5.83e-04	0.0
557	251	0.02	-1.06e-04	-0.91	-5.46e-04	1.39e-03	0.0
557	270	0.04	-7.62e-04	-0.41	-3.05e-04	7.09e-04	0.0
557	282	-0.01	-1.82e-03	-0.25	-1.13e-04	4.48e-04	0.0
557	311	0.03	1.09e-03	-0.32	-1.80e-04	5.46e-04	0.0
557	319	-0.01	1.50e-03	-0.25	-9.32e-05	4.39e-04	0.0
557	321	0.02	1.30e-03	-0.76	-4.37e-04	1.16e-03	0.0
557	324	3.30e-03	9.02e-04	-0.27	-1.11e-04	4.70e-04	0.0
557	334	0.03	-6.68e-03	-0.33	-1.64e-04	5.62e-04	0.0
557	341	7.80e-03	0.03	-0.26	-7.91e-06	4.51e-04	0.0
557	366	0.02	-9.46e-04	-0.30	-1.24e-04	5.13e-04	0.0
557	373	6.41e-03	7.90e-03	-0.28	-1.05e-04	4.74e-04	0.0
558	97	-0.02	-9.88e-04	-1.20	-8.49e-04	-3.37e-03	0.0
558	106	0.05	-6.47e-04	-0.35	-2.79e-04	-1.07e-03	0.0
558	152	-0.02	-3.32e-03	-0.26	-1.75e-04	-7.75e-04	0.0
558	255	-0.01	-5.61e-04	-0.75	-4.61e-04	-2.09e-03	0.0
558	259	0.04	-1.33e-04	-0.19	-8.37e-05	-5.70e-04	0.0
558	282	-0.02	-2.05e-03	-0.20	-1.06e-04	-5.93e-04	0.0
558	322	-0.01	7.46e-04	-0.62	-3.71e-04	-1.73e-03	0.0
558	323	0.03	1.07e-03	-0.20	-8.85e-05	-5.89e-04	0.0
558	324	-4.05e-03	4.62e-04	-0.22	-1.04e-04	-6.35e-04	0.0
558	334	0.02	-4.38e-03	-0.26	-1.41e-04	-7.63e-04	0.0
558	336	-0.03	-5.43e-03	-0.19	-1.10e-04	-5.40e-04	0.0
558	341	8.01e-03	0.02	-0.21	-3.45e-05	-6.11e-04	0.0
558	368	-0.02	-1.63e-03	-0.20	-9.74e-05	-5.79e-04	0.0
558	370	6.47e-03	-3.29e-04	-0.24	-1.14e-04	-6.93e-04	0.0
558	373	5.43e-04	6.66e-03	-0.22	-1.00e-04	-6.45e-04	0.0
559	97	-0.01	-5.61e-04	-1.46	-1.01e-03	-2.28e-03	0.0
559	106	0.05	-4.36e-04	-0.44	-3.31e-04	-7.94e-04	0.0
559	152	-0.02	-3.28e-03	-0.33	-2.02e-04	-5.73e-04	0.0
559	255	-6.75e-03	-1.22e-04	-0.91	-5.46e-04	-1.39e-03	0.0
559	259	0.04	2.97e-04	-0.23	-8.83e-05	-4.30e-04	0.0
559	282	-0.02	-1.81e-03	-0.25	-1.13e-04	-4.41e-04	0.0

559	322	-3.89e-03	1.28e-03	-0.75	-4.37e-04	-1.16e-03	0.0
559	323	0.03	1.60e-03	-0.24	-9.35e-05	-4.42e-04	0.0
559	324	-3.28e-03	9.02e-04	-0.27	-1.11e-04	-4.70e-04	0.0
559	334	0.02	-4.95e-03	-0.32	-1.58e-04	-5.69e-04	0.0
559	336	-0.03	-5.96e-03	-0.23	-1.20e-04	-4.00e-04	0.0
559	341	8.16e-03	0.02	-0.26	-2.48e-05	-4.49e-04	0.0
559	368	-0.01	-1.40e-03	-0.25	-1.03e-04	-4.28e-04	0.0
559	370	7.77e-03	-1.52e-05	-0.30	-1.23e-04	-5.15e-04	0.0
559	373	1.12e-03	7.85e-03	-0.28	-1.08e-04	-4.78e-04	0.0
560	97	-0.03	-1.86e-03	-0.85	-6.12e-04	-4.16e-03	0.0
560	106	0.05	-1.00e-03	-0.24	-2.16e-04	-1.26e-03	0.0
560	151	-0.02	-3.34e-03	-0.25	-1.99e-04	-1.22e-03	0.0
560	255	-0.02	-1.31e-03	-0.53	-3.32e-04	-2.60e-03	0.0
560	259	0.04	-6.78e-04	-0.13	-8.02e-05	-6.76e-04	0.0
560	282	-0.02	-2.29e-03	-0.14	-9.71e-05	-7.12e-04	0.0
560	310	-4.33e-03	-1.25e-03	-0.16	-9.52e-05	-7.68e-04	0.0
560	322	-0.01	-8.13e-05	-0.44	-2.73e-04	-2.15e-03	0.0
560	323	0.03	3.95e-04	-0.14	-8.42e-05	-7.02e-04	0.0
560	324	-4.09e-03	-6.76e-05	-0.16	-9.51e-05	-7.65e-04	0.0
560	334	0.01	-3.74e-03	-0.18	-1.22e-04	-9.18e-04	0.0
560	336	-0.03	-4.91e-03	-0.13	-9.91e-05	-6.51e-04	0.0
560	344	-0.02	-0.01	-0.16	-1.44e-04	-7.90e-04	0.0
560	368	-0.01	-1.90e-03	-0.14	-8.71e-05	-6.99e-04	0.0
560	369	6.40e-03	1.14e-03	-0.17	-1.04e-04	-8.33e-04	0.0
560	376	-8.75e-03	-5.32e-03	-0.15	-8.66e-05	-7.52e-04	0.0
561	97	-0.03	-2.83e-03	-0.44	-3.60e-04	-4.56e-03	0.0
561	106	0.05	-1.46e-03	-0.12	-1.39e-04	-1.34e-03	0.0
561	151	-0.02	-3.41e-03	-0.13	-1.40e-04	-1.32e-03	0.0
561	255	-0.02	-2.04e-03	-0.28	-1.96e-04	-2.86e-03	0.0
561	259	0.04	-1.17e-03	-0.06	-6.46e-05	-7.17e-04	0.0
561	282	-0.01	-2.38e-03	-0.07	-7.39e-05	-7.66e-04	0.0
561	310	-3.35e-03	-1.52e-03	-0.08	-7.28e-05	-8.35e-04	0.0
561	322	-0.02	-8.99e-04	-0.23	-1.66e-04	-2.36e-03	0.0
561	323	0.03	-2.51e-04	-0.07	-6.72e-05	-7.51e-04	0.0
561	324	-3.12e-03	-5.36e-04	-0.08	-7.31e-05	-8.34e-04	0.0
561	333	0.02	3.21e-03	-0.10	-7.05e-05	-9.62e-04	0.0
561	336	-0.02	-4.28e-03	-0.07	-7.58e-05	-7.05e-04	0.0
561	344	-0.02	-0.01	-0.07	-1.02e-04	-8.55e-04	0.0
561	368	-0.01	-2.06e-03	-0.07	-6.77e-05	-7.59e-04	0.0
561	369	6.88e-03	5.28e-04	-0.09	-7.92e-05	-9.08e-04	0.0
561	376	-7.70e-03	-4.72e-03	-0.08	-6.52e-05	-8.16e-04	0.0
562	97	-0.03	-1.32e-03	-0.02	-2.00e-04	-4.44e-03	0.0
562	106	0.06	-9.65e-05	-2.68e-03	-8.53e-05	-1.21e-03	0.0
562	141	-6.80e-03	-1.96e-03	-7.06e-03	-7.89e-05	-1.05e-03	0.0
562	255	-0.02	-1.36e-03	-0.01	-1.12e-04	-2.81e-03	0.0
562	256	-0.02	-1.50e-03	-0.01	-9.77e-05	-2.30e-03	0.0
562	259	0.04	-4.95e-04	-7.36e-04	-5.14e-05	-6.45e-04	0.0
562	310	-1.39e-03	-9.17e-04	-4.89e-03	-5.59e-05	-7.91e-04	0.0
562	322	-0.01	-4.92e-04	-0.01	-9.89e-05	-2.31e-03	0.0
562	323	0.03	1.54e-04	-1.86e-03	-5.34e-05	-6.88e-04	0.0
562	324	-1.19e-03	-1.67e-04	-5.16e-03	-5.66e-05	-7.90e-04	0.0
562	336	-0.02	-2.33e-03	-6.39e-03	-4.62e-05	-6.56e-04	0.0
562	344	-0.01	-7.02e-03	-3.07e-03	-3.43e-05	-8.05e-04	0.0
562	347	-6.51e-04	6.58e-03	-8.45e-03	-7.64e-05	-6.84e-04	0.0
562	368	-0.01	-1.12e-03	-5.83e-03	-5.21e-05	-7.13e-04	0.0
562	376	-5.61e-03	-3.17e-03	-4.28e-03	-4.80e-05	-7.72e-04	0.0
562	379	-2.35e-03	2.79e-03	-6.65e-03	-6.39e-05	-7.61e-04	0.0
563	89	0.02	-4.95e-04	-1.63	-1.14e-03	9.09e-04	0.0
563	105	0.05	-1.63e-04	-0.62	-4.61e-04	4.99e-04	0.0
563	152	-0.02	-3.38e-03	-0.37	-2.35e-04	3.12e-04	0.0
563	251	0.01	-6.24e-05	-1.01	-6.16e-04	5.22e-04	0.0
563	270	0.04	-6.32e-04	-0.46	-3.52e-04	3.72e-04	0.0
563	282	-0.01	-1.84e-03	-0.29	-1.35e-04	2.43e-04	0.0
563	319	-0.01	1.67e-03	-0.28	-1.13e-04	2.39e-04	0.0
563	321	0.01	1.44e-03	-0.84	-4.95e-04	4.54e-04	0.0
563	323	0.03	1.62e-03	-0.28	-1.15e-04	2.26e-04	0.0
563	324	1.85e-03	1.05e-03	-0.31	-1.32e-04	2.52e-04	0.0
563	334	0.03	-6.81e-03	-0.37	-1.92e-04	2.97e-04	0.0
563	338	0.03	-9.90e-04	-0.36	-1.59e-04	2.97e-04	0.0
563	341	8.46e-03	0.03	-0.30	-1.90e-05	2.47e-04	0.0
563	366	0.01	-9.14e-04	-0.34	-1.46e-04	2.75e-04	0.0
563	370	0.01	4.59e-05	-0.34	-1.45e-04	2.75e-04	0.0
563	373	5.22e-03	8.54e-03	-0.32	-1.28e-04	2.50e-04	0.0
564	89	2.18e-04	-1.06e-03	-1.65	-1.10e-03	-4.17e-04	0.0
564	105	0.05	-2.71e-05	-0.65	-4.86e-04	-1.37e-05	0.0
564	152	-0.02	-3.42e-03	-0.39	-2.51e-04	4.64e-06	0.0
564	251	4.56e-04	-4.83e-04	-1.02	-5.72e-04	-3.09e-04	0.0

564	259	0.04	2.82e-04	-0.28	-1.20e-04	-1.01e-05	0.0
564	282	-0.01	-1.88e-03	-0.30	-1.48e-04	3.39e-06	0.0
564	321	2.35e-03	1.15e-03	-0.85	-4.64e-04	-2.32e-04	0.0
564	323	0.03	1.73e-03	-0.29	-1.25e-04	-8.15e-06	0.0
564	324	9.00e-06	1.07e-03	-0.32	-1.43e-04	0.0	0.0
564	333	0.02	9.54e-03	-0.37	-1.34e-04	1.17e-05	0.0
564	334	0.02	-6.36e-03	-0.39	-2.05e-04	3.62e-06	0.0
564	341	8.82e-03	0.03	-0.31	-3.35e-05	1.57e-05	0.0
564	366	0.01	-9.29e-04	-0.35	-1.59e-04	5.38e-06	0.0
564	369	0.01	2.62e-03	-0.35	-1.55e-04	1.16e-06	0.0
564	373	3.46e-03	8.73e-03	-0.33	-1.40e-04	-4.02e-06	0.0
565	97	3.14e-03	-5.18e-04	-1.63	-1.14e-03	-9.12e-04	0.0
565	106	0.05	-3.97e-04	-0.50	-3.82e-04	-4.26e-04	0.0
565	152	-0.02	-3.37e-03	-0.37	-2.35e-04	-3.03e-04	0.0
565	255	3.75e-03	-7.74e-05	-1.01	-6.16e-04	-5.24e-04	0.0
565	259	0.04	3.54e-04	-0.27	-1.08e-04	-2.37e-04	0.0
565	282	-0.02	-1.84e-03	-0.29	-1.35e-04	-2.36e-04	0.0
565	322	4.36e-03	1.43e-03	-0.84	-4.94e-04	-4.57e-04	0.0
565	323	0.03	1.75e-03	-0.28	-1.13e-04	-2.42e-04	0.0
565	324	-1.83e-03	1.05e-03	-0.31	-1.32e-04	-2.52e-04	0.0
565	334	0.02	-5.70e-03	-0.37	-1.87e-04	-3.09e-04	0.0
565	336	-0.03	-6.73e-03	-0.26	-1.41e-04	-2.13e-04	0.0
565	341	8.49e-03	0.03	-0.30	-3.12e-05	-2.35e-04	0.0
565	366	9.74e-03	-8.93e-04	-0.34	-1.46e-04	-2.77e-04	0.0
565	368	-0.01	-1.42e-03	-0.28	-1.22e-04	-2.28e-04	0.0
565	373	2.28e-03	8.52e-03	-0.32	-1.28e-04	-2.55e-04	0.0
566	97	-0.03	2.29e-04	0.11	-1.74e-04	-4.42e-03	0.0
566	106	0.06	1.26e-03	0.03	-7.32e-05	-1.20e-03	0.0
566	165	0.05	1.69e-03	0.04	-1.06e-04	-1.52e-03	0.0
566	255	-0.02	-5.83e-04	0.07	-9.81e-05	-2.80e-03	0.0
566	259	0.04	2.80e-04	0.02	-4.67e-05	-6.40e-04	0.0
566	289	0.04	1.31e-03	0.03	-7.71e-05	-1.12e-03	0.0
566	311	0.03	1.17e-03	0.02	-6.14e-05	-8.81e-04	0.0
566	322	-0.01	1.33e-04	0.06	-8.76e-05	-2.30e-03	0.0
566	323	0.03	7.79e-04	0.02	-4.91e-05	-6.84e-04	0.0
566	324	-1.26e-03	3.16e-04	0.02	-5.29e-05	-7.87e-04	0.0
566	334	0.02	-1.88e-03	0.03	-5.07e-05	-9.57e-04	0.0
566	336	-0.02	-8.74e-04	0.01	-4.44e-05	-6.52e-04	0.0
566	347	-7.35e-04	6.12e-03	0.01	-6.98e-05	-6.81e-04	0.0
566	366	7.58e-03	-7.22e-04	0.02	-5.22e-05	-8.67e-04	0.0
566	368	-0.01	-2.18e-04	0.02	-4.91e-05	-7.10e-04	0.0
566	379	-2.42e-03	3.01e-03	0.02	-5.99e-05	-7.57e-04	0.0
567	105	0.06	-9.58e-04	-0.02	-1.99e-04	4.38e-03	0.0
567	141	-2.71e-03	-1.90e-03	-5.94e-03	-7.84e-05	1.03e-03	0.0
567	259	0.05	-1.07e-03	-0.02	-1.11e-04	2.77e-03	0.0
567	282	-8.48e-03	-1.32e-03	-3.53e-03	-5.51e-05	7.01e-04	0.0
567	289	0.05	-2.24e-04	-0.02	-1.24e-04	2.79e-03	0.0
567	310	1.21e-03	-8.87e-04	-4.89e-03	-5.58e-05	7.87e-04	0.0
567	323	0.04	-2.97e-04	-0.01	-9.82e-05	2.29e-03	0.0
567	324	1.22e-03	-1.67e-04	-5.16e-03	-5.66e-05	7.87e-04	0.0
567	333	0.02	1.67e-03	-8.22e-03	-6.87e-05	1.08e-03	0.0
567	341	0.01	5.64e-03	-8.43e-03	-7.40e-05	8.96e-04	0.0
567	344	-8.62e-03	-5.98e-03	-1.89e-03	-3.91e-05	6.77e-04	0.0
567	357	0.01	7.63e-04	-6.71e-03	-6.27e-05	9.36e-04	0.0
567	365	0.01	7.03e-04	-6.68e-03	-6.27e-05	9.36e-04	0.0
567	376	-2.62e-03	-2.91e-03	-3.64e-03	-4.79e-05	7.44e-04	0.0
568	105	0.06	5.71e-04	0.11	-1.73e-04	4.37e-03	0.0
568	165	0.06	1.24e-03	0.09	-1.47e-04	3.76e-03	0.0
568	259	0.05	-3.29e-04	0.07	-9.69e-05	2.76e-03	0.0
568	270	0.05	7.29e-04	0.07	-1.09e-04	2.79e-03	0.0
568	289	0.05	9.73e-04	0.07	-1.08e-04	2.78e-03	0.0
568	311	0.04	9.02e-04	0.05	-8.48e-05	2.13e-03	0.0
568	323	0.04	3.08e-04	0.06	-8.70e-05	2.28e-03	0.0
568	324	1.29e-03	3.16e-04	0.02	-5.29e-05	7.83e-04	0.0
568	333	0.02	1.49e-03	0.02	-6.33e-05	1.08e-03	0.0
568	334	0.02	-1.91e-03	0.03	-5.41e-05	1.07e-03	0.0
568	347	9.07e-04	6.14e-03	0.01	-6.65e-05	7.19e-04	0.0
568	365	0.01	8.39e-04	0.02	-5.80e-05	9.31e-04	0.0
568	366	9.62e-03	-7.32e-04	0.02	-5.36e-05	9.33e-04	0.0
568	379	-5.98e-05	3.01e-03	0.02	-5.92e-05	7.36e-04	0.0
569	105	0.07	-2.32e-03	-0.44	-3.56e-04	4.51e-03	0.0
569	151	-6.88e-03	-3.23e-03	-0.12	-1.39e-04	1.31e-03	0.0
569	270	0.05	-1.81e-03	-0.28	-2.22e-04	2.91e-03	0.0
569	282	-5.77e-03	-2.23e-03	-0.07	-7.34e-05	7.62e-04	0.0
569	310	3.17e-03	-1.41e-03	-0.08	-7.26e-05	8.31e-04	0.0
569	311	0.04	-6.35e-04	-0.22	-1.59e-04	2.21e-03	0.0
569	323	0.04	-6.19e-04	-0.23	-1.64e-04	2.34e-03	0.0

569	324	3.15e-03	-5.36e-04	-0.08	-7.31e-05	8.30e-04	0.0
569	333	0.02	1.89e-03	-0.11	-8.97e-05	1.12e-03	0.0
569	344	-5.99e-03	-6.83e-03	-0.07	-5.71e-05	7.20e-04	0.0
569	365	0.01	6.63e-04	-0.10	-8.14e-05	9.77e-04	0.0
569	366	0.01	-1.12e-03	-0.09	-7.80e-05	9.79e-04	0.0
569	376	1.87e-03	-3.64e-03	-0.08	-6.55e-05	7.89e-04	0.0
570	105	0.07	-1.14e-03	-0.84	-6.04e-04	4.11e-03	0.0
570	127	0.07	-2.00e-03	-0.73	-4.97e-04	3.68e-03	0.0
570	151	-4.16e-03	-3.01e-03	-0.24	-1.98e-04	1.22e-03	0.0
570	270	0.05	-1.33e-03	-0.54	-3.65e-04	2.72e-03	0.0
570	282	-4.02e-03	-2.02e-03	-0.14	-9.62e-05	7.09e-04	0.0
570	310	4.15e-03	-1.07e-03	-0.15	-9.49e-05	7.64e-04	0.0
570	311	0.04	-1.74e-05	-0.41	-2.52e-04	2.07e-03	0.0
570	323	0.04	3.02e-04	-0.44	-2.69e-04	2.13e-03	0.0
570	324	4.12e-03	-6.86e-05	-0.15	-9.50e-05	7.62e-04	0.0
570	333	0.02	2.58e-03	-0.21	-1.23e-04	1.01e-03	0.0
570	344	-4.08e-03	-7.01e-03	-0.13	-7.27e-05	7.10e-04	0.0
570	365	0.01	1.24e-03	-0.18	-1.08e-04	8.94e-04	0.0
570	366	0.01	-7.20e-04	-0.18	-1.06e-04	8.98e-04	0.0
570	376	2.88e-03	-3.48e-03	-0.15	-8.75e-05	7.28e-04	0.0
571	105	0.06	-3.38e-05	-1.19	-8.37e-04	3.32e-03	0.0
571	127	0.07	-1.38e-03	-1.05	-6.67e-04	3.18e-03	0.0
571	152	-4.77e-03	-2.84e-03	-0.26	-1.73e-04	7.71e-04	0.0
571	270	0.05	-8.65e-04	-0.78	-4.91e-04	2.36e-03	0.0
571	282	-3.34e-03	-1.66e-03	-0.20	-1.05e-04	5.91e-04	0.0
571	311	0.04	6.04e-04	-0.59	-3.32e-04	1.79e-03	0.0
571	323	0.03	1.23e-03	-0.62	-3.66e-04	1.71e-03	0.0
571	324	4.08e-03	4.60e-04	-0.22	-1.04e-04	6.31e-04	0.0
571	333	0.02	3.38e-03	-0.30	-1.41e-04	8.39e-04	0.0
571	341	0.01	8.19e-03	-0.25	-1.34e-04	6.71e-04	0.0
571	365	0.01	1.87e-03	-0.26	-1.19e-04	7.40e-04	0.0
571	369	0.01	1.71e-03	-0.26	-1.20e-04	7.40e-04	0.0
571	373	7.06e-03	4.16e-03	-0.23	-1.06e-04	6.57e-04	0.0
572	105	0.05	6.04e-04	-1.45	-9.99e-04	2.24e-03	0.0
572	127	0.06	-8.11e-04	-1.32	-8.20e-04	2.50e-03	0.0
572	152	-4.88e-03	-2.66e-03	-0.32	-1.99e-04	5.71e-04	0.0
572	270	0.05	-4.42e-04	-0.97	-6.04e-04	1.85e-03	0.0
572	282	-3.42e-03	-1.30e-03	-0.25	-1.12e-04	4.40e-04	0.0
572	311	0.04	1.14e-03	-0.74	-4.06e-04	1.40e-03	0.0
572	323	0.03	1.87e-03	-0.75	-4.30e-04	1.15e-03	0.0
572	324	3.32e-03	8.99e-04	-0.27	-1.11e-04	4.67e-04	0.0
572	333	0.02	4.07e-03	-0.36	-1.59e-04	6.20e-04	0.0
572	341	9.41e-03	9.24e-03	-0.30	-1.49e-04	4.93e-04	0.0
572	365	9.89e-03	2.41e-03	-0.32	-1.30e-04	5.47e-04	0.0
572	369	9.75e-03	2.24e-03	-0.32	-1.32e-04	5.48e-04	0.0
572	373	5.95e-03	4.78e-03	-0.28	-1.13e-04	4.86e-04	0.0
573	97	-0.01	-1.19e-03	-0.43	-3.42e-04	-1.29e-03	0.0
573	127	-1.60e-03	7.25e-04	-1.18	-8.32e-04	-3.35e-03	0.0
573	150	-0.01	-2.31e-03	-0.36	-3.03e-04	-1.08e-03	0.0
573	255	-8.37e-03	-3.00e-04	-0.19	-8.68e-05	-5.55e-04	0.0
573	270	-1.07e-03	6.39e-04	-0.87	-6.13e-04	-2.48e-03	0.0
573	282	-7.07e-03	-1.06e-03	-0.20	-1.04e-04	-5.93e-04	0.0
573	311	-2.44e-04	1.48e-03	-0.66	-4.24e-04	-1.88e-03	0.0
573	322	-6.66e-03	4.76e-04	-0.20	-9.16e-05	-5.82e-04	0.0
573	324	-4.01e-03	4.54e-04	-0.22	-1.03e-04	-6.36e-04	0.0
573	333	1.45e-03	2.57e-03	-0.29	-1.43e-04	-8.48e-04	0.0
573	336	-9.46e-03	-1.67e-03	-0.14	-6.34e-05	-4.25e-04	0.0
573	341	-5.98e-04	5.09e-03	-0.25	-1.41e-04	-6.81e-04	0.0
573	368	-6.73e-03	-5.37e-04	-0.18	-8.59e-05	-5.26e-04	0.0
573	369	-1.32e-03	1.32e-03	-0.26	-1.20e-04	-7.47e-04	0.0
573	373	-2.36e-03	2.52e-03	-0.23	-1.12e-04	-6.65e-04	0.0
574	97	-0.01	-6.97e-04	-0.54	-3.98e-04	-9.57e-04	0.0
574	127	9.28e-03	1.29e-03	-1.44	-9.94e-04	-2.27e-03	0.0
574	150	-0.01	-2.32e-03	-0.45	-3.58e-04	-8.00e-04	0.0
574	255	-8.86e-03	1.57e-04	-0.23	-9.10e-05	-4.15e-04	0.0
574	270	7.00e-03	1.07e-03	-1.06	-7.33e-04	-1.68e-03	0.0
574	289	7.13e-03	1.45e-03	-1.06	-7.25e-04	-1.68e-03	0.0
574	311	5.91e-03	2.09e-03	-0.81	-5.03e-04	-1.28e-03	0.0
574	322	-6.73e-03	1.06e-03	-0.24	-9.66e-05	-4.33e-04	0.0
574	324	-3.25e-03	8.95e-04	-0.27	-1.11e-04	-4.72e-04	0.0
574	333	3.64e-03	3.44e-03	-0.36	-1.59e-04	-6.29e-04	0.0
574	336	-0.01	-1.66e-03	-0.18	-6.26e-05	-3.15e-04	0.0
574	341	6.17e-04	6.95e-03	-0.30	-1.54e-04	-5.01e-04	0.0
574	366	-3.60e-04	5.53e-04	-0.32	-1.31e-04	-5.58e-04	0.0
574	368	-6.69e-03	-2.90e-04	-0.22	-9.17e-05	-3.90e-04	0.0
574	373	-1.38e-03	3.60e-03	-0.28	-1.14e-04	-4.91e-04	0.0
575	97	-0.01	-1.74e-03	-0.30	-2.72e-04	-1.54e-03	0.0

575	127	-7.83e-03	-4.08e-04	-0.83	-5.99e-04	-4.13e-03	0.0
575	149	-0.01	-2.30e-03	-0.31	-2.90e-04	-1.59e-03	0.0
575	255	-7.17e-03	-7.90e-04	-0.13	-8.25e-05	-6.63e-04	0.0
575	270	-5.71e-03	-2.24e-04	-0.61	-4.41e-04	-3.06e-03	0.0
575	282	-6.34e-03	-1.25e-03	-0.14	-9.58e-05	-7.10e-04	0.0
575	310	-4.30e-03	-5.67e-04	-0.15	-9.44e-05	-7.68e-04	0.0
575	311	-3.85e-03	4.89e-04	-0.47	-3.09e-04	-2.33e-03	0.0
575	322	-5.89e-03	-1.80e-04	-0.14	-8.61e-05	-6.98e-04	0.0
575	324	-4.04e-03	-7.57e-05	-0.15	-9.44e-05	-7.67e-04	0.0
575	328	-8.01e-03	-1.92e-03	-0.10	-6.45e-05	-4.98e-04	0.0
575	333	-7.57e-05	1.64e-03	-0.21	-1.25e-04	-1.04e-03	0.0
575	344	-6.77e-03	-3.21e-03	-0.13	-6.30e-05	-6.64e-04	0.0
575	360	-6.02e-03	-9.54e-04	-0.13	-8.13e-05	-6.33e-04	0.0
575	369	-2.10e-03	6.51e-04	-0.18	-1.08e-04	-9.02e-04	0.0
575	376	-5.36e-03	-1.48e-03	-0.14	-8.58e-05	-7.29e-04	0.0
576	97	-9.38e-03	-2.16e-03	-0.15	-1.79e-04	-1.65e-03	0.0
576	127	-8.25e-03	-1.73e-03	-0.42	-3.48e-04	-4.52e-03	0.0
576	149	-9.14e-03	-2.41e-03	-0.16	-1.89e-04	-1.70e-03	0.0
576	270	-6.04e-03	-1.23e-03	-0.31	-2.56e-04	-3.35e-03	0.0
576	282	-4.53e-03	-1.29e-03	-0.07	-7.30e-05	-7.33e-04	0.0
576	311	-4.23e-03	-5.92e-04	-0.24	-1.84e-04	-2.55e-03	0.0
576	319	-4.12e-03	-8.42e-04	-0.07	-6.95e-05	-7.64e-04	0.0
576	324	-3.06e-03	-5.34e-04	-0.08	-7.20e-05	-8.35e-04	0.0
576	328	-5.53e-03	-1.90e-03	-0.05	-5.50e-05	-5.35e-04	0.0
576	333	-6.04e-04	7.63e-04	-0.11	-8.97e-05	-1.14e-03	0.0
576	344	-4.93e-03	-2.24e-03	-0.07	-5.33e-05	-7.15e-04	0.0
576	360	-4.29e-03	-1.19e-03	-0.06	-6.46e-05	-6.84e-04	0.0
576	369	-1.87e-03	4.96e-05	-0.09	-7.98e-05	-9.86e-04	0.0
576	376	-3.97e-03	-1.31e-03	-0.07	-6.67e-05	-7.85e-04	0.0
577	105	-3.73e-03	-6.70e-04	-6.47e-03	-1.60e-04	-3.79e-03	0.0
577	127	-3.54e-03	-7.14e-04	-7.83e-03	-1.89e-04	-4.37e-03	0.0
577	270	-2.59e-03	-5.23e-04	-5.75e-03	-1.38e-04	-3.23e-03	0.0
577	311	-1.75e-03	-3.74e-04	-4.34e-03	-1.05e-04	-2.47e-03	0.0
577	324	-1.13e-03	-2.28e-04	-2.13e-03	-5.54e-05	-7.89e-04	0.0
577	328	-2.29e-03	-3.64e-04	-1.88e-03	-4.68e-05	-4.84e-04	0.0
577	333	1.42e-05	-9.51e-05	-2.38e-03	-6.42e-05	-1.10e-03	0.0
577	360	-1.70e-03	-2.96e-04	-2.02e-03	-5.15e-05	-6.35e-04	0.0
577	369	-5.84e-04	-1.67e-04	-2.24e-03	-5.94e-05	-9.44e-04	0.0
578	105	0.03	8.29e-04	-1.61	-1.13e-03	8.84e-04	0.0
578	152	-5.81e-03	-2.60e-03	-0.37	-2.33e-04	3.03e-04	0.0
578	165	0.05	6.54e-04	-1.52	-9.61e-04	1.53e-03	0.0
578	270	0.04	8.72e-05	-1.13	-7.20e-04	1.14e-03	0.0
578	282	-4.13e-03	-1.21e-03	-0.28	-1.34e-04	2.36e-04	0.0
578	289	0.04	5.94e-04	-1.13	-7.09e-04	1.14e-03	0.0
578	311	0.03	1.62e-03	-0.86	-4.87e-04	8.65e-04	0.0
578	323	0.02	2.09e-03	-0.83	-4.86e-04	4.43e-04	0.0
578	324	1.87e-03	1.05e-03	-0.31	-1.31e-04	2.48e-04	0.0
578	333	0.01	4.35e-03	-0.41	-1.88e-04	3.27e-04	0.0
578	341	6.97e-03	9.61e-03	-0.35	-1.76e-04	2.55e-04	0.0
578	365	7.63e-03	2.60e-03	-0.36	-1.54e-04	2.92e-04	0.0
578	366	7.22e-03	3.52e-04	-0.36	-1.58e-04	2.93e-04	0.0
578	373	4.20e-03	4.95e-03	-0.32	-1.33e-04	2.60e-04	0.0
579	105	0.02	4.00e-04	-1.63	-1.08e-03	-4.33e-04	0.0
579	152	-7.21e-03	-2.51e-03	-0.38	-2.48e-04	-2.47e-06	0.0
579	165	0.04	1.34e-03	-1.62	-1.06e-03	3.94e-04	0.0
579	270	0.03	6.06e-04	-1.20	-7.98e-04	2.92e-04	0.0
579	289	0.03	1.10e-03	-1.20	-7.86e-04	2.92e-04	0.0
579	292	0.02	1.17e-03	-0.91	-5.41e-04	2.19e-04	0.0
579	311	0.02	2.00e-03	-0.92	-5.45e-04	2.19e-04	0.0
579	324	3.47e-05	1.07e-03	-0.32	-1.43e-04	-2.89e-06	0.0
579	333	9.96e-03	4.30e-03	-0.43	-2.05e-04	0.0	0.0
579	341	4.52e-03	9.30e-03	-0.36	-1.92e-04	-1.95e-05	0.0
579	365	5.01e-03	2.57e-03	-0.38	-1.68e-04	2.12e-06	0.0
579	366	4.57e-03	4.48e-04	-0.38	-1.71e-04	0.0	0.0
579	373	2.18e-03	4.77e-03	-0.34	-1.45e-04	0.0	0.0
580	127	0.02	1.29e-03	-1.60	-1.13e-03	-9.22e-04	0.0
580	150	-0.01	-2.42e-03	-0.51	-4.13e-04	-4.24e-04	0.0
580	166	0.02	1.51e-03	-1.48	-1.03e-03	-8.18e-04	0.0
580	270	0.02	1.10e-03	-1.19	-8.31e-04	-6.82e-04	0.0
580	289	0.02	1.56e-03	-1.18	-8.20e-04	-6.80e-04	0.0
580	311	0.01	2.29e-03	-0.90	-5.71e-04	-5.23e-04	0.0
580	324	-1.80e-03	1.05e-03	-0.31	-1.31e-04	-2.54e-04	0.0
580	333	6.61e-03	4.02e-03	-0.41	-1.88e-04	-3.37e-04	0.0
580	336	-0.01	-1.92e-03	-0.20	-7.48e-05	-1.71e-04	0.0
580	341	2.38e-03	8.41e-03	-0.35	-1.78e-04	-2.61e-04	0.0
580	366	1.91e-03	5.48e-04	-0.36	-1.56e-04	-3.02e-04	0.0
580	368	-6.01e-03	-3.30e-04	-0.25	-1.08e-04	-2.10e-04	0.0

580	373	2.24e-04	4.34e-03	-0.32	-1.35e-04	-2.62e-04	0.0
581	105	-3.98e-03	1.51e-03	0.14	-1.23e-04	-3.75e-03	0.0
581	127	-3.80e-03	1.36e-03	0.17	-1.43e-04	-4.32e-03	0.0
581	270	-2.78e-03	9.90e-04	0.12	-1.05e-04	-3.20e-03	0.0
581	311	-1.90e-03	6.10e-04	0.09	-8.17e-05	-2.44e-03	0.0
581	324	-1.21e-03	3.97e-04	0.03	-4.87e-05	-7.79e-04	0.0
581	328	-2.27e-03	1.18e-03	0.02	-4.29e-05	-4.77e-04	0.0
581	333	-1.71e-04	-3.75e-04	0.04	-5.45e-05	-1.08e-03	0.0
581	360	-1.73e-03	7.86e-04	0.02	-4.59e-05	-6.26e-04	0.0
581	369	-7.18e-04	3.26e-05	0.04	-5.14e-05	-9.33e-04	0.0
582	49	-0.05	-3.83e-04	0.09	2.63e-05	-3.42e-03	0.0
582	141	-0.01	-2.03e-03	0.02	7.49e-05	-1.06e-03	0.0
582	187	-0.05	-3.69e-04	0.02	4.93e-05	-1.14e-03	0.0
582	231	-0.04	-8.13e-04	0.06	3.51e-05	-2.35e-03	0.0
582	277	-7.57e-03	-1.39e-03	0.02	5.40e-05	-7.80e-04	0.0
582	300	-0.04	-8.17e-04	9.99e-03	5.20e-05	-6.62e-04	0.0
582	310	-1.15e-03	-1.03e-03	0.02	5.38e-05	-7.86e-04	0.0
582	313	-0.03	-2.65e-04	0.01	5.01e-05	-6.84e-04	0.0
582	316	-0.03	-1.67e-04	0.05	3.86e-05	-1.95e-03	0.0
582	324	-1.28e-03	-3.16e-04	0.02	5.29e-05	-7.87e-04	0.0
582	331	-0.03	1.74e-03	0.02	5.25e-05	-9.35e-04	0.0
582	337	0.03	1.39e-03	0.02	4.35e-05	-6.49e-04	0.0
582	350	9.18e-03	-6.46e-03	0.02	6.77e-05	-7.26e-04	0.0
582	363	-0.02	7.07e-04	0.02	5.27e-05	-8.63e-04	0.0
582	369	0.01	5.33e-04	0.02	4.82e-05	-7.16e-04	0.0
582	382	3.99e-03	-3.37e-03	0.02	6.02e-05	-7.56e-04	0.0
583	149	-0.01	-0.01	-1.12	-3.58e-04	2.05e-03	0.0
583	150	-0.01	-0.01	-1.02	-4.23e-04	1.87e-03	0.0
583	187	-0.01	-0.01	-1.13	-3.45e-04	2.06e-03	0.0
583	281	-8.55e-03	-7.50e-03	-0.77	-8.72e-05	1.42e-03	0.0
583	300	-8.43e-03	-7.12e-03	-0.78	-7.84e-05	1.42e-03	0.0
583	313	-4.83e-03	-4.99e-03	-0.64	-3.69e-05	1.18e-03	0.0
583	316	7.10e-03	1.69e-04	-0.25	1.10e-04	4.41e-04	0.0
583	324	3.25e-03	-8.95e-04	-0.27	1.11e-04	4.72e-04	0.0
583	328	-3.43e-03	-2.53e-03	-0.36	1.53e-04	6.32e-04	0.0
583	329	0.01	1.47e-03	-0.18	7.37e-05	3.13e-04	0.0
583	356	-4.85e-04	-6.33e-03	-0.30	1.17e-04	5.09e-04	0.0
583	361	6.69e-03	2.90e-04	-0.22	9.17e-05	3.90e-04	0.0
583	363	3.60e-04	-5.53e-04	-0.32	1.31e-04	5.58e-04	0.0
583	388	1.38e-03	-3.60e-03	-0.28	1.14e-04	4.91e-04	0.0
584	149	-0.02	-0.01	-1.29	-3.12e-04	1.13e-03	0.0
584	150	-0.02	-0.01	-1.17	-3.88e-04	1.03e-03	0.0
584	187	-0.02	-0.01	-1.29	-2.96e-04	1.13e-03	0.0
584	281	-0.02	-9.28e-03	-0.89	-3.55e-05	7.79e-04	0.0
584	300	-0.02	-8.83e-03	-0.89	-2.48e-05	7.82e-04	0.0
584	313	-0.01	-6.23e-03	-0.74	7.38e-06	6.47e-04	0.0
584	324	1.80e-03	-1.05e-03	-0.31	1.31e-04	2.54e-04	0.0
584	328	-6.45e-03	-2.88e-03	-0.41	1.82e-04	3.40e-04	0.0
584	329	0.01	1.70e-03	-0.20	8.69e-05	1.68e-04	0.0
584	356	-2.24e-03	-7.68e-03	-0.34	1.38e-04	2.70e-04	0.0
584	361	6.01e-03	3.30e-04	-0.25	1.08e-04	2.10e-04	0.0
584	363	-1.91e-03	-5.48e-04	-0.36	1.56e-04	3.02e-04	0.0
584	388	-2.24e-04	-4.34e-03	-0.32	1.35e-04	2.62e-04	0.0
585	149	-0.04	-0.02	-1.35	-2.87e-04	8.48e-06	0.0
585	187	-0.04	-0.01	-1.35	-2.69e-04	8.62e-06	0.0
585	281	-0.03	-0.01	-0.93	-1.23e-05	5.69e-06	0.0
585	300	-0.03	-9.55e-03	-0.93	0.0	5.78e-06	0.0
585	313	-0.02	-6.71e-03	-0.77	2.78e-05	4.99e-06	0.0
585	324	-3.47e-05	-1.07e-03	-0.32	1.43e-04	2.89e-06	0.0
585	327	-9.06e-03	-8.12e-04	-0.43	1.99e-04	-3.54e-06	0.0
585	332	-9.89e-03	-4.07e-03	-0.43	1.91e-04	-7.19e-06	0.0
585	356	-4.31e-03	-8.53e-03	-0.35	1.47e-04	-4.46e-06	0.0
585	363	-4.57e-03	-4.48e-04	-0.38	1.71e-04	0.0	0.0
585	364	-5.01e-03	-2.57e-03	-0.38	1.68e-04	-2.12e-06	0.0
585	388	-2.18e-03	-4.77e-03	-0.34	1.45e-04	0.0	0.0
586	149	-0.05	-0.01	-1.29	-3.17e-04	-1.11e-03	0.0
586	187	-0.05	-0.01	-1.29	-3.01e-04	-1.11e-03	0.0
586	281	-0.04	-9.60e-03	-0.89	-3.83e-05	-7.67e-04	0.0
586	300	-0.04	-9.09e-03	-0.89	-2.76e-05	-7.70e-04	0.0
586	313	-0.03	-6.34e-03	-0.74	5.38e-06	-6.36e-04	0.0
586	324	-1.87e-03	-1.05e-03	-0.31	1.31e-04	-2.48e-04	0.0
586	327	-0.01	-6.73e-04	-0.41	1.82e-04	-3.35e-04	0.0
586	332	-0.01	-4.14e-03	-0.41	1.75e-04	-3.32e-04	0.0
586	356	-6.50e-03	-8.91e-03	-0.34	1.34e-04	-2.70e-04	0.0
586	363	-7.22e-03	-3.52e-04	-0.36	1.58e-04	-2.93e-04	0.0
586	364	-7.63e-03	-2.60e-03	-0.36	1.54e-04	-2.92e-04	0.0
586	388	-4.20e-03	-4.95e-03	-0.32	1.33e-04	-2.60e-04	0.0

587	149	-0.06	-0.01	-1.13	-3.65e-04	-2.03e-03	0.0
587	187	-0.06	-0.01	-1.13	-3.52e-04	-2.04e-03	0.0
587	281	-0.04	-8.09e-03	-0.78	-9.21e-05	-1.40e-03	0.0
587	300	-0.04	-7.60e-03	-0.78	-8.32e-05	-1.41e-03	0.0
587	313	-0.03	-5.18e-03	-0.65	-4.03e-05	-1.17e-03	0.0
587	324	-3.32e-03	-8.99e-04	-0.27	1.11e-04	-4.67e-04	0.0
587	328	-0.02	-2.90e-03	-0.36	1.53e-04	-6.24e-04	0.0
587	332	-0.02	-3.91e-03	-0.36	1.48e-04	-6.23e-04	0.0
587	356	-8.55e-03	-8.72e-03	-0.30	1.15e-04	-5.04e-04	0.0
587	360	-9.75e-03	-2.24e-03	-0.32	1.32e-04	-5.48e-04	0.0
587	364	-9.89e-03	-2.41e-03	-0.32	1.30e-04	-5.47e-04	0.0
587	388	-5.95e-03	-4.78e-03	-0.28	1.13e-04	-4.86e-04	0.0
588	49	0.01	-1.05e-03	-0.33	-5.40e-05	9.72e-04	0.0
588	149	-2.98e-03	-8.31e-03	-0.90	-2.88e-04	2.68e-03	0.0
588	187	-2.78e-03	-7.84e-03	-0.91	-2.76e-04	2.69e-03	0.0
588	231	7.26e-03	-7.25e-06	-0.20	1.02e-04	5.83e-04	0.0
588	281	-3.05e-03	-5.37e-03	-0.62	-7.11e-05	1.85e-03	0.0
588	300	-2.91e-03	-5.06e-03	-0.62	-6.30e-05	1.86e-03	0.0
588	313	-6.13e-04	-3.44e-03	-0.52	-2.71e-05	1.54e-03	0.0
588	316	7.07e-03	4.69e-04	-0.20	1.01e-04	5.90e-04	0.0
588	324	4.01e-03	-4.54e-04	-0.22	1.03e-04	6.36e-04	0.0
588	328	-1.21e-03	-1.91e-03	-0.29	1.38e-04	8.52e-04	0.0
588	329	9.43e-03	1.53e-03	-0.14	6.95e-05	4.21e-04	0.0
588	356	7.09e-04	-4.62e-03	-0.24	1.21e-04	6.92e-04	0.0
588	360	1.32e-03	-1.32e-03	-0.26	1.20e-04	7.47e-04	0.0
588	361	6.73e-03	5.37e-04	-0.18	8.59e-05	5.26e-04	0.0
588	388	2.36e-03	-2.52e-03	-0.23	1.12e-04	6.65e-04	0.0
589	49	9.73e-03	1.88e-04	-0.23	-2.02e-06	1.16e-03	0.0
589	150	1.29e-04	-4.58e-03	-0.57	-2.15e-04	2.88e-03	0.0
589	187	1.87e-03	-4.24e-03	-0.63	-1.49e-04	3.18e-03	0.0
589	231	6.36e-03	4.95e-04	-0.14	9.28e-05	6.96e-04	0.0
589	281	3.96e-04	-3.02e-03	-0.44	-2.34e-05	2.19e-03	0.0
589	300	5.28e-04	-2.80e-03	-0.44	-1.65e-05	2.19e-03	0.0
589	313	1.85e-03	-1.74e-03	-0.36	6.06e-06	1.82e-03	0.0
589	316	6.27e-03	8.21e-04	-0.14	9.25e-05	7.04e-04	0.0
589	324	4.04e-03	7.57e-05	-0.15	9.44e-05	7.67e-04	0.0
589	328	3.04e-04	-1.23e-03	-0.21	1.22e-04	1.03e-03	0.0
589	337	7.98e-03	1.83e-03	-0.10	6.88e-05	5.07e-04	0.0
589	353	6.70e-03	2.91e-03	-0.14	7.74e-05	6.93e-04	0.0
589	360	2.10e-03	-6.51e-04	-0.18	1.08e-04	9.02e-04	0.0
589	369	6.02e-03	9.54e-04	-0.13	8.13e-05	6.33e-04	0.0
589	385	5.36e-03	1.48e-03	-0.14	8.58e-05	7.29e-04	0.0
590	49	6.82e-03	1.18e-03	-0.12	3.15e-05	1.25e-03	0.0
590	150	1.67e-03	-1.35e-03	-0.29	-9.04e-05	3.13e-03	0.0
590	187	3.01e-03	-9.70e-04	-0.32	-4.10e-05	3.47e-03	0.0
590	231	4.44e-03	8.85e-04	-0.07	7.06e-05	7.45e-04	0.0
590	300	1.61e-03	-7.14e-04	-0.22	1.64e-05	2.39e-03	0.0
590	313	2.26e-03	-2.04e-04	-0.19	2.68e-05	1.98e-03	0.0
590	316	4.43e-03	1.05e-03	-0.07	7.04e-05	7.55e-04	0.0
590	324	3.06e-03	5.34e-04	-0.08	7.20e-05	8.35e-04	0.0
590	328	7.78e-04	-5.74e-04	-0.11	8.83e-05	1.13e-03	0.0
590	337	5.51e-03	1.86e-03	-0.05	5.74e-05	5.42e-04	0.0
590	353	4.88e-03	2.11e-03	-0.07	6.14e-05	7.37e-04	0.0
590	360	1.87e-03	-4.96e-05	-0.09	7.98e-05	9.86e-04	0.0
590	369	4.29e-03	1.19e-03	-0.06	6.46e-05	6.84e-04	0.0
590	385	3.97e-03	1.31e-03	-0.07	6.67e-05	7.85e-04	0.0
591	49	2.36e-03	5.24e-04	-2.24e-03	5.20e-05	1.17e-03	0.0
591	177	1.00e-03	2.36e-04	-7.28e-03	1.88e-04	1.42e-03	0.0
591	231	1.60e-03	2.99e-04	-2.09e-03	5.37e-05	6.80e-04	0.0
591	289	1.48e-03	3.46e-04	-1.69e-03	3.95e-05	9.09e-04	0.0
591	295	7.61e-04	1.79e-04	-5.34e-03	1.38e-04	1.05e-03	0.0
591	312	9.86e-04	2.18e-04	-4.48e-03	1.15e-04	9.65e-04	0.0
591	316	1.65e-03	3.12e-04	-2.09e-03	5.38e-05	6.92e-04	0.0
591	324	1.13e-03	2.28e-04	-2.13e-03	5.54e-05	7.89e-04	0.0
591	328	9.15e-05	1.04e-04	-2.35e-03	6.33e-05	1.09e-03	0.0
591	337	2.28e-03	3.64e-04	-1.91e-03	4.77e-05	4.89e-04	0.0
591	360	5.84e-04	1.67e-04	-2.24e-03	5.94e-05	9.44e-04	0.0
591	369	1.70e-03	2.96e-04	-2.02e-03	5.15e-05	6.35e-04	0.0
592	49	2.54e-03	-7.59e-04	0.04	4.69e-05	1.15e-03	0.0
592	187	9.56e-04	2.63e-04	0.14	3.36e-05	3.44e-03	0.0
592	231	1.71e-03	-5.94e-04	0.02	4.60e-05	6.69e-04	0.0
592	300	5.36e-04	1.66e-04	0.09	3.59e-05	2.36e-03	0.0
592	313	8.44e-04	-4.54e-05	0.08	3.74e-05	1.95e-03	0.0
592	316	1.76e-03	-6.37e-04	0.03	4.61e-05	6.81e-04	0.0
592	324	1.21e-03	-3.97e-04	0.03	4.87e-05	7.79e-04	0.0
592	328	2.72e-04	2.89e-04	0.04	5.41e-05	1.08e-03	0.0
592	337	2.26e-03	-1.17e-03	0.02	4.31e-05	4.82e-04	0.0

592	360	7.18e-04	-3.26e-05	0.04	5.14e-05	9.33e-04	0.0
592	369	1.73e-03	-7.86e-04	0.02	4.59e-05	6.26e-04	0.0
593	149	-0.07	-9.05e-03	-0.91	-2.96e-04	-2.66e-03	0.0
593	187	-0.07	-8.35e-03	-0.91	-2.84e-04	-2.67e-03	0.0
593	281	-0.05	-6.15e-03	-0.63	-7.62e-05	-1.83e-03	0.0
593	300	-0.05	-5.69e-03	-0.63	-6.81e-05	-1.84e-03	0.0
593	313	-0.04	-3.67e-03	-0.52	-3.08e-05	-1.53e-03	0.0
593	324	-4.08e-03	-4.60e-04	-0.22	1.04e-04	-6.31e-04	0.0
593	328	-0.02	-2.37e-03	-0.30	1.38e-04	-8.43e-04	0.0
593	332	-0.02	-3.29e-03	-0.29	1.34e-04	-8.42e-04	0.0
593	356	-9.99e-03	-7.90e-03	-0.24	1.08e-04	-6.82e-04	0.0
593	360	-0.01	-1.71e-03	-0.26	1.20e-04	-7.40e-04	0.0
593	364	-0.01	-1.87e-03	-0.26	1.19e-04	-7.40e-04	0.0
593	388	-7.06e-03	-4.16e-03	-0.23	1.06e-04	-6.57e-04	0.0
594	150	-0.07	-5.37e-03	-0.58	-2.22e-04	-2.85e-03	0.0
594	187	-0.07	-4.73e-03	-0.64	-1.56e-04	-3.15e-03	0.0
594	281	-0.05	-3.90e-03	-0.44	-2.74e-05	-2.16e-03	0.0
594	300	-0.05	-3.48e-03	-0.44	-2.05e-05	-2.17e-03	0.0
594	313	-0.04	-1.95e-03	-0.37	3.11e-06	-1.81e-03	0.0
594	324	-4.12e-03	6.86e-05	-0.15	9.50e-05	-7.62e-04	0.0
594	328	-0.02	-1.77e-03	-0.21	1.22e-04	-1.02e-03	0.0
594	331	-0.02	1.39e-03	-0.21	1.16e-04	-1.03e-03	0.0
594	353	-1.72e-03	6.94e-03	-0.14	8.01e-05	-6.97e-04	0.0
594	363	-0.01	7.20e-04	-0.18	1.06e-04	-8.98e-04	0.0
594	364	-0.01	-1.24e-03	-0.18	1.08e-04	-8.94e-04	0.0
594	385	-2.88e-03	3.48e-03	-0.15	8.75e-05	-7.28e-04	0.0
595	152	-0.05	-2.47e-03	-0.24	-3.24e-05	-2.44e-03	0.0
595	187	-0.07	-1.31e-03	-0.34	-4.59e-05	-3.43e-03	0.0
595	282	-0.04	-1.72e-03	-0.19	2.64e-05	-1.97e-03	0.0
595	300	-0.05	-1.35e-03	-0.23	1.46e-05	-2.36e-03	0.0
595	313	-0.04	-3.11e-04	-0.19	2.55e-05	-1.96e-03	0.0
595	316	5.73e-03	1.31e-03	-0.07	7.35e-05	-7.59e-04	0.0
595	324	-3.15e-03	5.36e-04	-0.08	7.31e-05	-8.30e-04	0.0
595	331	-0.02	1.71e-03	-0.11	8.25e-05	-1.12e-03	0.0
595	332	-0.02	-1.87e-03	-0.11	8.94e-05	-1.12e-03	0.0
595	353	-6.71e-04	6.79e-03	-0.07	5.79e-05	-7.51e-04	0.0
595	363	-0.01	1.12e-03	-0.09	7.80e-05	-9.79e-04	0.0
595	364	-0.01	-6.63e-04	-0.10	8.14e-05	-9.77e-04	0.0
595	385	-1.87e-03	3.64e-03	-0.08	6.55e-05	-7.89e-04	0.0
596	122	-4.26e-03	-1.50e-03	-5.74e-03	4.71e-05	-7.85e-04	0.0
596	187	-0.07	2.91e-04	-0.02	2.72e-05	-3.42e-03	0.0
596	197	-0.02	4.47e-04	-0.02	1.86e-04	-1.76e-03	0.0
596	267	-3.27e-03	-9.43e-04	-5.84e-03	5.80e-05	-8.03e-04	0.0
596	300	-0.05	-3.22e-04	-0.01	3.80e-05	-2.35e-03	0.0
596	305	-0.01	-2.06e-04	-0.01	1.55e-04	-1.12e-03	0.0
596	310	-1.22e-03	-5.52e-04	-5.44e-03	5.74e-05	-7.86e-04	0.0
596	313	-0.04	2.45e-04	-0.01	4.03e-05	-1.94e-03	0.0
596	314	-8.16e-03	3.32e-04	-0.01	1.28e-04	-1.02e-03	0.0
596	324	-1.22e-03	1.67e-04	-5.16e-03	5.66e-05	-7.87e-04	0.0
596	332	-0.02	-1.59e-03	-8.15e-03	6.87e-05	-1.08e-03	0.0
596	340	-0.02	-1.70e-03	-8.21e-03	6.87e-05	-1.08e-03	0.0
596	353	6.41e-03	5.68e-03	-2.12e-03	3.92e-05	-7.03e-04	0.0
596	364	-0.01	-7.03e-04	-6.68e-03	6.27e-05	-9.36e-04	0.0
596	372	-0.01	-7.63e-04	-6.71e-03	6.27e-05	-9.36e-04	0.0
596	385	2.62e-03	2.91e-03	-3.64e-03	4.79e-05	-7.44e-04	0.0
597	121	-4.82e-03	-1.90e-03	0.02	7.57e-05	-1.09e-03	0.0
597	187	-0.07	1.47e-04	0.08	2.94e-05	-3.41e-03	0.0
597	267	-3.33e-03	-1.30e-03	0.02	5.46e-05	-8.00e-04	0.0
597	300	-0.05	-4.06e-04	0.06	3.70e-05	-2.34e-03	0.0
597	310	-1.29e-03	-9.79e-04	0.02	5.37e-05	-7.83e-04	0.0
597	313	-0.04	4.37e-06	0.05	3.87e-05	-1.93e-03	0.0
597	324	-1.29e-03	-3.16e-04	0.02	5.29e-05	-7.83e-04	0.0
597	331	-0.02	1.79e-03	0.03	5.43e-05	-1.07e-03	0.0
597	332	-0.02	-1.37e-03	0.02	6.31e-05	-1.07e-03	0.0
597	350	1.33e-03	-5.75e-03	0.01	6.58e-05	-6.92e-04	0.0
597	363	-9.62e-03	7.32e-04	0.02	5.36e-05	-9.33e-04	0.0
597	364	-0.01	-8.39e-04	0.02	5.80e-05	-9.31e-04	0.0
597	382	5.98e-05	-3.01e-03	0.02	5.92e-05	-7.36e-04	0.0
598	49	0.02	-4.33e-04	0.09	2.63e-05	3.43e-03	0.0
598	121	-2.07e-03	-1.94e-03	0.03	7.51e-05	1.08e-03	0.0
598	150	-0.07	-3.39e-04	0.03	1.66e-05	8.72e-04	0.0
598	231	0.01	-8.23e-04	0.06	3.50e-05	2.35e-03	0.0
598	267	-1.25e-03	-1.32e-03	0.02	5.42e-05	7.94e-04	0.0
598	281	-0.05	-8.35e-04	0.02	5.13e-05	6.88e-04	0.0
598	310	1.05e-03	-9.83e-04	0.02	5.37e-05	7.86e-04	0.0
598	313	-0.03	-1.19e-04	0.02	5.09e-05	7.07e-04	0.0
598	316	0.01	-2.06e-04	0.05	3.87e-05	1.95e-03	0.0

598	324	1.26e-03	-3.16e-04	0.02	5.29e-05	7.87e-04	0.0
598	329	0.02	7.62e-04	0.01	4.52e-05	6.37e-04	0.0
598	331	-0.02	1.77e-03	0.03	5.15e-05	9.43e-04	0.0
598	350	3.50e-03	-5.74e-03	0.01	6.70e-05	7.30e-04	0.0
598	361	0.01	2.18e-04	0.02	4.91e-05	7.10e-04	0.0
598	363	-7.58e-03	7.22e-04	0.02	5.22e-05	8.67e-04	0.0
598	382	2.42e-03	-3.01e-03	0.02	5.99e-05	7.57e-04	0.0
599	41	3.47e-03	1.86e-04	-0.02	1.82e-04	1.73e-03	0.0
599	122	-2.62e-03	-1.56e-03	-4.94e-03	4.66e-05	7.74e-04	0.0
599	150	-0.07	4.73e-04	2.97e-03	1.75e-05	8.77e-04	0.0
599	227	2.63e-03	-4.03e-04	-0.01	1.53e-04	1.10e-03	0.0
599	232	8.15e-03	-1.05e-03	-7.63e-03	4.12e-05	1.97e-03	0.0
599	281	-0.05	-1.31e-04	4.44e-04	5.57e-05	6.92e-04	0.0
599	313	-0.03	6.19e-04	-9.12e-04	5.53e-05	7.11e-04	0.0
599	315	4.06e-03	3.07e-04	-0.01	1.28e-04	1.01e-03	0.0
599	324	1.19e-03	1.67e-04	-5.16e-03	5.66e-05	7.90e-04	0.0
599	329	0.02	2.09e-03	-6.48e-03	4.77e-05	6.41e-04	0.0
599	350	3.43e-03	-5.77e-03	-8.14e-03	7.14e-05	7.33e-04	0.0
599	353	9.99e-03	6.21e-03	-3.37e-03	3.93e-05	7.55e-04	0.0
599	361	0.01	1.12e-03	-5.83e-03	5.21e-05	7.13e-04	0.0
599	382	2.35e-03	-2.79e-03	-6.65e-03	6.39e-05	7.61e-04	0.0
599	385	5.61e-03	3.17e-03	-4.28e-03	4.80e-05	7.72e-04	0.0
600	49	0.02	-2.49e-03	-0.33	-5.54e-05	3.44e-03	0.0
600	52	0.01	-3.01e-03	-0.24	-3.47e-05	2.45e-03	0.0
600	150	-0.06	1.23e-03	-0.08	-1.08e-05	9.31e-04	0.0
600	231	0.01	-2.27e-03	-0.23	8.25e-06	2.37e-03	0.0
600	281	-0.05	6.56e-04	-0.07	7.33e-05	7.50e-04	0.0
600	313	-0.03	1.53e-03	-0.07	7.31e-05	7.68e-04	0.0
600	316	0.01	-8.07e-04	-0.19	2.40e-05	1.98e-03	0.0
600	324	3.12e-03	5.36e-04	-0.08	7.32e-05	8.34e-04	0.0
600	329	0.02	3.60e-03	-0.07	6.23e-05	6.89e-04	0.0
600	332	-0.02	-2.53e-03	-0.09	8.40e-05	9.78e-04	0.0
600	353	0.01	8.95e-03	-0.07	5.73e-05	8.00e-04	0.0
600	360	-6.88e-03	-5.28e-04	-0.09	7.92e-05	9.08e-04	0.0
600	361	0.01	2.06e-03	-0.07	6.77e-05	7.59e-04	0.0
600	385	7.70e-03	4.72e-03	-0.08	6.52e-05	8.16e-04	0.0
601	49	0.02	-6.30e-03	-0.64	-1.72e-04	3.16e-03	0.0
601	50	0.02	-6.30e-03	-0.58	-2.28e-04	2.86e-03	0.0
601	150	-0.06	5.17e-04	-0.17	-5.66e-05	8.65e-04	0.0
601	231	0.01	-4.73e-03	-0.44	-3.16e-05	2.18e-03	0.0
601	281	-0.04	3.45e-04	-0.13	9.57e-05	6.97e-04	0.0
601	313	-0.03	1.37e-03	-0.14	9.61e-05	7.12e-04	0.0
601	316	0.01	-2.61e-03	-0.37	0.0	1.82e-03	0.0
601	324	4.09e-03	6.76e-05	-0.16	9.51e-05	7.65e-04	0.0
601	328	-0.02	-2.54e-03	-0.18	1.12e-04	8.96e-04	0.0
601	329	0.03	3.75e-03	-0.13	7.94e-05	6.36e-04	0.0
601	353	0.01	0.01	-0.15	7.83e-05	7.39e-04	0.0
601	360	-6.40e-03	-1.14e-03	-0.17	1.04e-04	8.33e-04	0.0
601	361	0.01	1.90e-03	-0.14	8.71e-05	6.99e-04	0.0
601	385	8.75e-03	5.32e-03	-0.15	8.66e-05	7.52e-04	0.0
602	49	0.01	-0.01	-0.91	-3.05e-04	2.68e-03	0.0
602	150	-0.06	-5.14e-04	-0.24	-1.14e-04	7.24e-04	0.0
602	231	8.85e-03	-7.23e-03	-0.63	-8.27e-05	1.85e-03	0.0
602	281	-0.04	-1.58e-04	-0.19	1.04e-04	5.82e-04	0.0
602	313	-0.03	1.02e-03	-0.20	1.05e-04	5.94e-04	0.0
602	316	9.62e-03	-4.49e-03	-0.52	-3.60e-05	1.54e-03	0.0
602	324	4.05e-03	-4.62e-04	-0.22	1.04e-04	6.35e-04	0.0
602	327	-0.02	1.44e-03	-0.26	1.23e-04	7.49e-04	0.0
602	329	0.03	3.73e-03	-0.18	9.16e-05	5.27e-04	0.0
602	356	-5.09e-03	-0.01	-0.23	9.65e-05	6.54e-04	0.0
602	359	-6.47e-03	3.29e-04	-0.24	1.14e-04	6.93e-04	0.0
602	361	0.02	1.63e-03	-0.20	9.74e-05	5.79e-04	0.0
602	388	-5.43e-04	-6.66e-03	-0.22	1.00e-04	6.45e-04	0.0
603	49	5.38e-03	-0.01	-1.13	-3.78e-04	2.05e-03	0.0
603	150	-0.06	-1.49e-03	-0.30	-1.57e-04	5.44e-04	0.0
603	231	3.55e-03	-9.41e-03	-0.78	-1.01e-04	1.41e-03	0.0
603	281	-0.04	-6.48e-04	-0.24	1.11e-04	4.35e-04	0.0
603	313	-0.03	6.69e-04	-0.25	1.13e-04	4.43e-04	0.0
603	316	5.48e-03	-6.13e-03	-0.65	-4.73e-05	1.18e-03	0.0
603	324	3.28e-03	-9.02e-04	-0.27	1.11e-04	4.70e-04	0.0
603	329	0.03	3.72e-03	-0.23	9.56e-05	3.89e-04	0.0
603	331	-0.02	2.72e-03	-0.32	1.34e-04	5.58e-04	0.0
603	356	-5.48e-03	-0.01	-0.28	1.05e-04	4.84e-04	0.0
603	359	-7.77e-03	1.52e-05	-0.30	1.23e-04	5.15e-04	0.0
603	361	0.01	1.40e-03	-0.25	1.03e-04	4.28e-04	0.0
603	388	-1.12e-03	-7.85e-03	-0.28	1.08e-04	4.78e-04	0.0
604	49	-0.04	-0.01	-1.13	-3.78e-04	-2.04e-03	0.0

604	187	-0.06	-1.42e-03	-0.41	-8.34e-05	-7.13e-04	0.0
604	231	-0.03	-9.40e-03	-0.78	-1.01e-04	-1.41e-03	0.0
604	300	-0.05	-3.46e-04	-0.25	1.17e-04	-4.24e-04	0.0
604	313	-0.03	4.33e-04	-0.25	1.10e-04	-4.33e-04	0.0
604	316	-0.02	-6.12e-03	-0.65	-4.73e-05	-1.17e-03	0.0
604	324	-3.30e-03	-9.02e-04	-0.27	1.11e-04	-4.70e-04	0.0
604	331	-0.03	2.82e-03	-0.32	1.37e-04	-5.54e-04	0.0
604	356	-9.42e-03	-0.01	-0.28	9.82e-05	-4.77e-04	0.0
604	363	-0.02	9.46e-04	-0.30	1.24e-04	-5.13e-04	0.0
604	388	-6.41e-03	-7.90e-03	-0.28	1.05e-04	-4.74e-04	0.0
605	49	-0.05	-0.01	-0.91	-3.05e-04	-2.67e-03	0.0
605	187	-0.06	-4.24e-04	-0.33	-4.62e-05	-9.53e-04	0.0
605	231	-0.04	-7.22e-03	-0.63	-8.26e-05	-1.84e-03	0.0
605	300	-0.05	1.38e-05	-0.20	1.09e-04	-5.69e-04	0.0
605	313	-0.03	7.33e-04	-0.20	1.02e-04	-5.82e-04	0.0
605	316	-0.03	-4.48e-03	-0.52	-3.61e-05	-1.54e-03	0.0
605	324	-4.07e-03	-4.62e-04	-0.22	1.04e-04	-6.35e-04	0.0
605	331	-0.03	2.92e-03	-0.26	1.27e-04	-7.46e-04	0.0
605	356	-9.87e-03	-0.01	-0.23	8.42e-05	-6.52e-04	0.0
605	363	-0.02	1.21e-03	-0.24	1.15e-04	-6.92e-04	0.0
605	388	-7.02e-03	-6.76e-03	-0.22	9.39e-05	-6.44e-04	0.0
606	49	-0.05	-6.27e-03	-0.64	-1.72e-04	-3.15e-03	0.0
606	50	-0.05	-6.28e-03	-0.58	-2.28e-04	-2.86e-03	0.0
606	187	-0.06	7.38e-04	-0.24	5.46e-06	-1.14e-03	0.0
606	231	-0.04	-4.72e-03	-0.44	-3.15e-05	-2.17e-03	0.0
606	300	-0.04	4.39e-04	-0.14	9.95e-05	-6.82e-04	0.0
606	313	-0.03	1.08e-03	-0.14	9.35e-05	-6.98e-04	0.0
606	316	-0.03	-2.59e-03	-0.37	0.0	-1.82e-03	0.0
606	324	-4.11e-03	6.76e-05	-0.16	9.51e-05	-7.65e-04	0.0
606	331	-0.03	2.99e-03	-0.18	9.90e-05	-8.99e-04	0.0
606	332	-0.03	-3.46e-03	-0.18	1.14e-04	-8.92e-04	0.0
606	353	1.62e-03	0.01	-0.14	6.59e-05	-7.39e-04	0.0
606	363	-0.02	1.52e-03	-0.17	9.72e-05	-8.34e-04	0.0
606	364	-0.02	-1.69e-03	-0.17	1.05e-04	-8.31e-04	0.0
606	385	-1.19e-03	5.49e-03	-0.15	8.05e-05	-7.52e-04	0.0
607	49	-0.06	-2.46e-03	-0.33	-5.54e-05	-3.43e-03	0.0
607	52	-0.04	-3.02e-03	-0.24	-3.45e-05	-2.45e-03	0.0
607	187	-0.06	1.64e-03	-0.12	3.64e-05	-1.23e-03	0.0
607	231	-0.04	-2.27e-03	-0.23	8.34e-06	-2.36e-03	0.0
607	300	-0.04	7.46e-04	-0.08	7.59e-05	-7.31e-04	0.0
607	313	-0.03	1.31e-03	-0.08	7.17e-05	-7.49e-04	0.0
607	316	-0.03	-7.80e-04	-0.19	2.39e-05	-1.98e-03	0.0
607	319	0.01	1.34e-03	-0.07	7.40e-05	-7.73e-04	0.0
607	324	-3.14e-03	5.36e-04	-0.08	7.32e-05	-8.34e-04	0.0
607	331	-0.03	2.93e-03	-0.10	7.35e-05	-9.81e-04	0.0
607	332	-0.03	-2.35e-03	-0.10	8.59e-05	-9.72e-04	0.0
607	353	2.75e-03	9.47e-03	-0.07	5.04e-05	-8.06e-04	0.0
607	363	-0.02	1.72e-03	-0.09	7.34e-05	-9.10e-04	0.0
607	364	-0.02	-8.98e-04	-0.09	7.96e-05	-9.05e-04	0.0
607	385	-1.38e-04	4.98e-03	-0.08	6.18e-05	-8.19e-04	0.0
608	57	-0.02	1.81e-04	-0.02	1.82e-04	-1.74e-03	0.0
608	122	-5.60e-03	-1.65e-03	-5.97e-03	4.68e-05	-7.74e-04	0.0
608	187	-0.05	7.04e-04	-0.01	5.24e-05	-1.15e-03	0.0
608	232	-0.03	-1.07e-03	-0.01	4.13e-05	-1.96e-03	0.0
608	235	-0.01	-4.32e-04	-0.01	1.53e-04	-1.11e-03	0.0
608	300	-0.04	-6.17e-05	-9.94e-03	5.69e-05	-6.67e-04	0.0
608	310	-1.08e-03	-6.24e-04	-5.46e-03	5.74e-05	-7.90e-04	0.0
608	313	-0.03	4.78e-04	-8.21e-03	5.46e-05	-6.89e-04	0.0
608	317	-7.38e-03	3.15e-04	-0.01	1.28e-04	-1.02e-03	0.0
608	324	-1.21e-03	1.67e-04	-5.16e-03	5.66e-05	-7.90e-04	0.0
608	331	-0.03	2.09e-03	-7.61e-03	5.59e-05	-9.40e-04	0.0
608	340	-0.03	-2.02e-03	-9.33e-03	6.68e-05	-9.29e-04	0.0
608	353	4.99e-03	6.98e-03	-1.37e-03	3.70e-05	-7.65e-04	0.0
608	363	-0.02	1.12e-03	-6.41e-03	5.63e-05	-8.67e-04	0.0
608	372	-0.01	-9.22e-04	-7.27e-03	6.17e-05	-8.62e-04	0.0
608	385	1.94e-03	3.55e-03	-3.27e-03	4.69e-05	-7.77e-04	0.0
609	49	-5.79e-03	-0.02	-1.29	-3.32e-04	-1.12e-03	0.0
609	150	-0.06	-2.10e-03	-0.34	-1.66e-04	2.96e-04	0.0
609	231	-4.39e-03	-0.01	-0.89	-4.89e-05	7.77e-04	0.0
609	281	-0.04	-8.55e-04	-0.28	1.31e-04	2.36e-04	0.0
609	313	-0.03	5.61e-04	-0.28	1.33e-04	2.40e-04	0.0
609	316	-8.33e-04	-7.41e-03	-0.74	-3.16e-06	6.44e-04	0.0
609	324	1.83e-03	-1.05e-03	-0.31	1.32e-04	2.52e-04	0.0
609	325	0.03	2.49e-03	-0.26	1.12e-04	2.06e-04	0.0
609	331	-0.02	2.87e-03	-0.36	1.59e-04	3.02e-04	0.0
609	356	-6.32e-03	-0.02	-0.32	1.24e-04	2.59e-04	0.0
609	361	0.01	1.42e-03	-0.28	1.22e-04	2.28e-04	0.0

609	363	-9.74e-03	8.93e-04	-0.34	1.46e-04	2.77e-04	0.0
609	388	-2.28e-03	-8.52e-03	-0.32	1.28e-04	2.55e-04	0.0
610	49	-0.02	-0.02	-1.35	-3.04e-04	3.99e-06	0.0
610	149	-0.06	-2.83e-03	-0.48	-8.11e-05	7.85e-06	0.0
610	231	-0.01	-0.01	-0.93	-2.45e-05	2.98e-06	0.0
610	281	-0.04	-9.57e-04	-0.29	1.41e-04	5.84e-06	0.0
610	313	-0.03	5.08e-04	-0.30	1.44e-04	3.81e-06	0.0
610	316	-8.27e-03	-7.86e-03	-0.78	1.81e-05	1.70e-06	0.0
610	324	-9.01e-06	-1.07e-03	-0.32	1.43e-04	0.0	0.0
610	328	-0.02	-4.74e-03	-0.38	1.66e-04	-6.21e-06	0.0
610	331	-0.02	2.97e-03	-0.38	1.74e-04	-1.08e-05	0.0
610	356	-6.84e-03	-0.02	-0.33	1.37e-04	8.12e-06	0.0
610	360	-0.01	-2.62e-03	-0.35	1.55e-04	-1.16e-06	0.0
610	363	-0.01	9.29e-04	-0.35	1.59e-04	-5.38e-06	0.0
610	388	-3.46e-03	-8.73e-03	-0.33	1.40e-04	4.02e-06	0.0
611	49	-0.03	-0.02	-1.29	-3.32e-04	-1.12e-03	0.0
611	187	-0.06	-1.79e-03	-0.47	-7.62e-05	-3.83e-04	0.0
611	231	-0.02	-0.01	-0.89	-4.89e-05	-7.71e-04	0.0
611	300	-0.05	-3.58e-04	-0.28	1.40e-04	-2.27e-04	0.0
611	313	-0.03	4.32e-04	-0.28	1.32e-04	-2.32e-04	0.0
611	316	-0.02	-7.40e-03	-0.74	-3.19e-06	-6.41e-04	0.0
611	324	-1.85e-03	-1.05e-03	-0.31	1.32e-04	-2.52e-04	0.0
611	331	-0.03	2.91e-03	-0.36	1.60e-04	-2.97e-04	0.0
611	356	-8.51e-03	-0.02	-0.32	1.24e-04	-2.49e-04	0.0
611	359	-0.01	-4.59e-05	-0.34	1.45e-04	-2.75e-04	0.0
611	363	-0.01	9.14e-04	-0.34	1.46e-04	-2.75e-04	0.0
611	388	-5.22e-03	-8.54e-03	-0.32	1.28e-04	-2.50e-04	0.0
612	50	-0.05	-5.19e-04	0.03	1.77e-05	8.78e-04	0.0
612	73	0.03	-4.06e-04	0.09	2.61e-05	3.42e-03	0.0
612	141	-7.70e-03	-2.06e-03	0.03	7.45e-05	1.05e-03	0.0
612	231	-0.04	-1.01e-03	0.02	5.23e-05	6.94e-04	0.0
612	243	0.02	-8.29e-04	0.06	3.50e-05	2.35e-03	0.0
612	277	-5.33e-03	-1.40e-03	0.02	5.38e-05	7.76e-04	0.0
612	310	1.15e-03	-1.03e-03	0.02	5.39e-05	7.87e-04	0.0
612	316	-0.02	-3.01e-04	0.02	5.17e-05	7.16e-04	0.0
612	319	0.02	-1.67e-04	0.05	3.88e-05	1.96e-03	0.0
612	324	1.27e-03	-3.16e-04	0.02	5.29e-05	7.87e-04	0.0
612	325	0.03	9.04e-04	0.02	4.42e-05	7.51e-04	0.0
612	331	-0.03	1.71e-03	0.02	5.06e-05	8.08e-04	0.0
612	350	8.68e-03	-6.47e-03	0.01	6.80e-05	7.93e-04	0.0
612	357	0.02	1.67e-04	0.02	4.95e-05	7.72e-04	0.0
612	363	-0.01	6.94e-04	0.02	5.17e-05	7.98e-04	0.0
612	382	5.03e-03	-3.37e-03	0.02	6.04e-05	7.90e-04	0.0
613	50	-0.05	3.29e-04	9.40e-04	1.86e-05	8.83e-04	0.0
613	73	0.03	-4.18e-04	-0.01	2.31e-05	3.42e-03	0.0
613	122	-3.90e-03	-1.64e-03	-4.80e-03	4.66e-05	7.62e-04	0.0
613	231	-0.04	-2.78e-04	-1.09e-03	5.67e-05	6.98e-04	0.0
613	243	0.02	-8.76e-04	-9.59e-03	3.55e-05	2.35e-03	0.0
613	244	0.02	-1.08e-03	-8.56e-03	4.13e-05	1.96e-03	0.0
613	310	1.08e-03	-6.22e-04	-5.46e-03	5.75e-05	7.91e-04	0.0
613	316	-0.02	4.26e-04	-2.18e-03	5.60e-05	7.20e-04	0.0
613	319	0.02	-2.20e-05	-8.55e-03	4.01e-05	1.96e-03	0.0
613	324	1.20e-03	1.67e-04	-5.16e-03	5.66e-05	7.90e-04	0.0
613	325	0.03	1.79e-03	-7.67e-03	4.66e-05	7.55e-04	0.0
613	330	0.03	-1.68e-03	-9.24e-03	5.88e-05	7.69e-04	0.0
613	355	-6.09e-03	6.62e-03	-1.43e-03	4.03e-05	7.83e-04	0.0
613	357	0.02	8.56e-04	-6.52e-03	5.29e-05	7.76e-04	0.0
613	362	0.02	-7.52e-04	-7.22e-03	5.77e-05	7.80e-04	0.0
613	387	-2.50e-03	3.37e-03	-3.30e-03	4.85e-05	7.87e-04	0.0
614	50	-0.05	1.22e-03	-0.08	-8.77e-06	9.36e-04	0.0
614	73	0.03	-2.45e-03	-0.33	-5.56e-05	3.43e-03	0.0
614	76	0.02	-2.99e-03	-0.24	-3.46e-05	2.44e-03	0.0
614	231	-0.03	6.09e-04	-0.07	7.50e-05	7.55e-04	0.0
614	243	0.02	-2.26e-03	-0.23	8.30e-06	2.36e-03	0.0
614	316	-0.02	1.35e-03	-0.07	7.40e-05	7.75e-04	0.0
614	319	0.02	-8.05e-04	-0.19	2.40e-05	1.98e-03	0.0
614	324	3.13e-03	5.36e-04	-0.08	7.32e-05	8.34e-04	0.0
614	325	0.03	2.69e-03	-0.08	6.26e-05	8.05e-04	0.0
614	346	9.87e-03	-5.74e-03	-0.09	9.82e-05	8.59e-04	0.0
614	353	0.01	7.96e-03	-0.08	5.37e-05	8.39e-04	0.0
614	357	0.02	1.50e-03	-0.08	6.99e-05	8.25e-04	0.0
614	385	7.98e-03	4.22e-03	-0.08	6.35e-05	8.36e-04	0.0
614	386	6.86e-03	-3.08e-03	-0.08	8.19e-05	8.25e-04	0.0
615	50	-0.04	6.43e-04	-0.17	-5.30e-05	8.69e-04	0.0
615	73	0.03	-6.26e-03	-0.64	-1.73e-04	3.16e-03	0.0
615	74	0.03	-6.26e-03	-0.58	-2.29e-04	2.86e-03	0.0
615	231	-0.03	4.05e-04	-0.14	9.85e-05	7.01e-04	0.0

615	243	0.02	-4.71e-03	-0.44	-3.16e-05	2.17e-03	0.0
615	319	0.02	-2.62e-03	-0.37	0.0	1.82e-03	0.0
615	321	0.02	1.03e-03	-0.15	9.50e-05	7.13e-04	0.0
615	324	4.10e-03	6.76e-05	-0.16	9.51e-05	7.65e-04	0.0
615	325	0.03	2.54e-03	-0.16	8.21e-05	7.47e-04	0.0
615	346	0.01	-7.39e-03	-0.16	1.26e-04	7.90e-04	0.0
615	353	0.01	8.34e-03	-0.15	7.28e-05	7.73e-04	0.0
615	357	0.02	1.19e-03	-0.16	9.17e-05	7.62e-04	0.0
615	385	9.00e-03	4.18e-03	-0.15	8.40e-05	7.69e-04	0.0
615	386	7.87e-03	-3.97e-03	-0.16	1.05e-04	7.59e-04	0.0
616	50	-0.04	-2.66e-04	-0.24	-1.09e-04	7.27e-04	0.0
616	73	0.03	-0.01	-0.91	-3.06e-04	2.67e-03	0.0
616	231	-0.03	-4.64e-06	-0.20	1.08e-04	5.84e-04	0.0
616	243	0.02	-7.20e-03	-0.63	-8.26e-05	1.84e-03	0.0
616	319	0.02	-4.51e-03	-0.52	-3.59e-05	1.54e-03	0.0
616	321	0.02	6.85e-04	-0.21	1.04e-04	5.95e-04	0.0
616	324	4.06e-03	-4.62e-04	-0.22	1.04e-04	6.35e-04	0.0
616	325	0.03	2.28e-03	-0.22	8.93e-05	6.23e-04	0.0
616	342	0.01	-9.01e-03	-0.23	1.38e-04	6.57e-04	0.0
616	356	-5.68e-03	-9.51e-03	-0.22	1.22e-04	6.21e-04	0.0
616	357	0.02	8.06e-04	-0.22	1.00e-04	6.34e-04	0.0
616	382	7.97e-03	-4.91e-03	-0.22	1.12e-04	6.27e-04	0.0
616	388	-8.49e-04	-4.96e-03	-0.22	1.13e-04	6.28e-04	0.0
617	50	-0.04	-1.14e-03	-0.30	-1.51e-04	5.44e-04	0.0
617	73	0.02	-0.01	-1.13	-3.78e-04	2.04e-03	0.0
617	231	-0.03	-4.19e-04	-0.24	1.16e-04	4.35e-04	0.0
617	243	0.01	-9.38e-03	-0.78	-1.01e-04	1.41e-03	0.0
617	319	0.01	-6.16e-03	-0.65	-4.72e-05	1.17e-03	0.0
617	321	0.02	3.87e-04	-0.25	1.13e-04	4.43e-04	0.0
617	324	3.29e-03	-9.02e-04	-0.27	1.11e-04	4.70e-04	0.0
617	325	0.03	2.04e-03	-0.27	9.67e-05	4.59e-04	0.0
617	344	-7.60e-03	-0.01	-0.28	1.50e-04	4.93e-04	0.0
617	356	-6.37e-03	-0.01	-0.27	1.23e-04	4.54e-04	0.0
617	357	0.02	4.79e-04	-0.27	1.11e-04	4.69e-04	0.0
617	375	-3.17e-04	3.51e-03	-0.27	1.17e-04	4.76e-04	0.0
617	388	-1.58e-03	-5.69e-03	-0.27	1.17e-04	4.62e-04	0.0
618	49	-0.05	-1.90e-03	-0.41	-9.18e-05	-7.15e-04	0.0
618	73	-0.03	-0.01	-1.13	-3.78e-04	-2.04e-03	0.0
618	231	-0.03	-6.54e-04	-0.25	1.12e-04	-4.27e-04	0.0
618	243	-0.02	-9.38e-03	-0.78	-1.01e-04	-1.41e-03	0.0
618	316	-0.02	3.85e-04	-0.25	1.12e-04	-4.39e-04	0.0
618	319	-0.01	-6.16e-03	-0.65	-4.72e-05	-1.17e-03	0.0
618	324	-3.29e-03	-9.02e-04	-0.27	1.11e-04	-4.70e-04	0.0
618	328	-0.03	-3.58e-03	-0.27	1.17e-04	-4.58e-04	0.0
618	342	2.05e-03	-0.01	-0.28	1.41e-04	-4.46e-04	0.0
618	346	1.92e-03	-0.01	-0.28	1.41e-04	-4.46e-04	0.0
618	363	-0.02	4.79e-04	-0.27	1.11e-04	-4.69e-04	0.0
618	378	1.58e-03	-5.69e-03	-0.27	1.17e-04	-4.62e-04	0.0
618	381	3.17e-04	3.51e-03	-0.27	1.17e-04	-4.76e-04	0.0
619	49	-0.05	-8.63e-04	-0.33	-5.45e-05	-9.56e-04	0.0
619	73	-0.04	-0.01	-0.91	-3.06e-04	-2.67e-03	0.0
619	231	-0.03	-2.73e-04	-0.20	1.03e-04	-5.72e-04	0.0
619	243	-0.03	-7.20e-03	-0.63	-8.26e-05	-1.84e-03	0.0
619	316	-0.02	6.90e-04	-0.20	1.04e-04	-5.90e-04	0.0
619	319	-0.02	-4.51e-03	-0.52	-3.59e-05	-1.54e-03	0.0
619	324	-4.06e-03	-4.62e-04	-0.22	1.04e-04	-6.35e-04	0.0
619	328	-0.03	-2.86e-03	-0.22	1.07e-04	-6.22e-04	0.0
619	344	-0.02	-8.95e-03	-0.23	1.27e-04	-6.06e-04	0.0
619	346	5.17e-04	-9.06e-03	-0.23	1.29e-04	-6.08e-04	0.0
619	363	-0.02	8.06e-04	-0.22	1.00e-04	-6.34e-04	0.0
619	376	-7.97e-03	-4.91e-03	-0.22	1.12e-04	-6.27e-04	0.0
619	378	8.49e-04	-4.96e-03	-0.22	1.13e-04	-6.28e-04	0.0
620	49	-0.05	3.44e-04	-0.23	-2.43e-06	-1.15e-03	0.0
620	73	-0.04	-6.26e-03	-0.64	-1.73e-04	-3.15e-03	0.0
620	74	-0.04	-6.26e-03	-0.58	-2.29e-04	-2.86e-03	0.0
620	231	-0.03	1.80e-04	-0.14	9.45e-05	-6.85e-04	0.0
620	243	-0.03	-4.71e-03	-0.44	-3.15e-05	-2.17e-03	0.0
620	316	-0.02	1.04e-03	-0.14	9.44e-05	-7.07e-04	0.0
620	319	-0.02	-2.62e-03	-0.37	0.0	-1.82e-03	0.0
620	324	-4.10e-03	6.76e-05	-0.16	9.51e-05	-7.65e-04	0.0
620	328	-0.03	-2.09e-03	-0.16	9.79e-05	-7.63e-04	0.0
620	347	-8.08e-03	8.03e-03	-0.15	7.34e-05	-7.35e-04	0.0
620	348	-0.02	-7.76e-03	-0.16	1.15e-04	-7.90e-04	0.0
620	363	-0.02	1.19e-03	-0.16	9.17e-05	-7.62e-04	0.0
620	379	-9.00e-03	4.18e-03	-0.15	8.40e-05	-7.69e-04	0.0
620	380	-7.87e-03	-3.97e-03	-0.16	1.05e-04	-7.59e-04	0.0
621	49	-0.04	1.31e-03	-0.12	3.11e-05	-1.23e-03	0.0

621	73	-0.04	-2.45e-03	-0.33	-5.56e-05	-3.43e-03	0.0
621	76	-0.03	-2.99e-03	-0.24	-3.46e-05	-2.44e-03	0.0
621	231	-0.03	5.29e-04	-0.07	7.26e-05	-7.34e-04	0.0
621	243	-0.03	-2.26e-03	-0.23	8.30e-06	-2.36e-03	0.0
621	316	-0.02	1.28e-03	-0.08	7.22e-05	-7.60e-04	0.0
621	319	-0.02	-8.05e-04	-0.19	2.40e-05	-1.98e-03	0.0
621	321	0.02	1.33e-03	-0.07	7.44e-05	-7.81e-04	0.0
621	324	-3.13e-03	5.36e-04	-0.08	7.32e-05	-8.34e-04	0.0
621	328	-0.03	-1.51e-03	-0.08	7.57e-05	-8.22e-04	0.0
621	347	-6.58e-03	8.24e-03	-0.08	5.44e-05	-8.02e-04	0.0
621	348	-0.02	-7.01e-03	-0.09	9.02e-05	-8.53e-04	0.0
621	363	-0.02	1.50e-03	-0.08	6.99e-05	-8.25e-04	0.0
621	379	-7.98e-03	4.22e-03	-0.08	6.35e-05	-8.36e-04	0.0
621	380	-6.86e-03	-3.08e-03	-0.08	8.19e-05	-8.25e-04	0.0
622	49	-0.04	4.82e-04	-0.01	4.99e-05	-1.15e-03	0.0
622	81	-0.02	1.93e-04	-0.02	1.82e-04	-1.72e-03	0.0
622	122	-5.67e-03	-1.64e-03	-5.96e-03	4.66e-05	-7.60e-04	0.0
622	231	-0.03	-2.09e-04	-8.54e-03	5.53e-05	-6.71e-04	0.0
622	244	-0.02	-1.07e-03	-9.33e-03	4.13e-05	-1.96e-03	0.0
622	247	-0.01	-4.23e-04	-0.01	1.53e-04	-1.09e-03	0.0
622	310	-1.08e-03	-6.22e-04	-5.46e-03	5.75e-05	-7.91e-04	0.0
622	320	-6.12e-03	3.16e-04	-0.01	1.28e-04	-1.02e-03	0.0
622	321	0.02	4.22e-04	-2.60e-03	5.62e-05	-7.28e-04	0.0
622	324	-1.20e-03	1.67e-04	-5.16e-03	5.66e-05	-7.90e-04	0.0
622	328	-0.03	-2.07e-03	-9.45e-03	5.95e-05	-7.72e-04	0.0
622	344	-0.02	-7.52e-03	-9.60e-03	7.51e-05	-8.08e-04	0.0
622	345	0.01	7.90e-03	-7.35e-04	3.82e-05	-7.72e-04	0.0
622	360	-0.02	-7.52e-04	-7.22e-03	5.77e-05	-7.80e-04	0.0
622	363	-0.02	8.56e-04	-6.52e-03	5.29e-05	-7.76e-04	0.0
622	377	2.50e-03	3.37e-03	-3.30e-03	4.85e-05	-7.87e-04	0.0
623	50	-0.04	-1.69e-03	-0.34	-1.59e-04	2.94e-04	0.0
623	73	8.28e-03	-0.02	-1.29	-3.32e-04	1.12e-03	0.0
623	231	-0.03	-5.73e-04	-0.28	1.36e-04	2.35e-04	0.0
623	243	6.12e-03	-0.01	-0.89	-4.88e-05	7.74e-04	0.0
623	319	7.48e-03	-7.43e-03	-0.75	-3.06e-06	6.43e-04	0.0
623	321	0.02	3.78e-04	-0.29	1.34e-04	2.38e-04	0.0
623	324	1.84e-03	-1.05e-03	-0.31	1.32e-04	2.52e-04	0.0
623	325	0.03	2.00e-03	-0.31	1.18e-04	2.55e-04	0.0
623	344	-9.18e-03	-0.01	-0.32	1.71e-04	2.67e-04	0.0
623	348	-9.04e-03	-0.01	-0.32	1.71e-04	2.67e-04	0.0
623	357	0.02	4.10e-04	-0.31	1.33e-04	2.57e-04	0.0
623	375	-1.98e-03	3.73e-03	-0.31	1.38e-04	2.54e-04	0.0
623	388	-3.00e-03	-6.02e-03	-0.31	1.28e-04	2.42e-04	0.0
624	49	-0.05	-2.37e-03	-0.49	-7.48e-05	3.99e-06	0.0
624	73	-4.78e-03	-0.02	-1.35	-3.05e-04	1.02e-06	0.0
624	231	-0.03	-6.46e-04	-0.29	1.46e-04	2.88e-06	0.0
624	243	-3.17e-03	-0.01	-0.93	-2.45e-05	0.0	0.0
624	316	-0.02	4.36e-04	-0.30	1.46e-04	1.65e-06	0.0
624	319	0.0	-7.89e-03	-0.78	1.82e-05	0.0	0.0
624	324	0.0	-1.07e-03	-0.32	1.43e-04	0.0	0.0
624	328	-0.03	-4.12e-03	-0.33	1.55e-04	-4.87e-06	0.0
624	342	6.50e-03	-0.01	-0.33	1.81e-04	2.09e-05	0.0
624	360	-0.02	-2.57e-03	-0.32	1.41e-04	-3.36e-06	0.0
624	374	4.00e-03	-6.04e-03	-0.32	1.37e-04	7.36e-06	0.0
624	385	3.94e-03	3.90e-03	-0.32	1.49e-04	7.33e-06	0.0
625	49	-0.05	-2.33e-03	-0.47	-8.67e-05	-3.85e-04	0.0
625	73	-0.02	-0.02	-1.29	-3.32e-04	-1.12e-03	0.0
625	231	-0.03	-7.07e-04	-0.28	1.33e-04	-2.29e-04	0.0
625	243	-0.01	-0.01	-0.89	-4.88e-05	-7.72e-04	0.0
625	316	-0.02	3.73e-04	-0.29	1.33e-04	-2.36e-04	0.0
625	319	-7.48e-03	-7.43e-03	-0.75	-3.06e-06	-6.43e-04	0.0
625	324	-1.84e-03	-1.05e-03	-0.31	1.32e-04	-2.52e-04	0.0
625	328	-0.03	-3.97e-03	-0.31	1.40e-04	-2.54e-04	0.0
625	342	4.16e-03	-0.01	-0.32	1.66e-04	-2.27e-04	0.0
625	346	4.03e-03	-0.01	-0.32	1.66e-04	-2.27e-04	0.0
625	363	-0.02	4.10e-04	-0.31	1.33e-04	-2.57e-04	0.0
625	378	3.00e-03	-6.02e-03	-0.31	1.28e-04	-2.42e-04	0.0
625	381	1.98e-03	3.73e-03	-0.31	1.38e-04	-2.54e-04	0.0
626	49	-0.04	-5.46e-04	0.02	4.72e-05	-1.15e-03	0.0
626	73	-0.04	-4.03e-04	0.09	2.61e-05	-3.42e-03	0.0
626	141	-9.09e-03	-2.07e-03	0.02	7.46e-05	-1.05e-03	0.0
626	231	-0.03	-9.33e-04	0.01	5.06e-05	-6.66e-04	0.0
626	243	-0.03	-8.27e-04	0.06	3.50e-05	-2.35e-03	0.0
626	282	-0.02	-1.52e-03	0.01	5.13e-05	-6.94e-04	0.0
626	310	-1.15e-03	-1.03e-03	0.02	5.39e-05	-7.87e-04	0.0
626	319	-0.02	-1.67e-04	0.05	3.88e-05	-1.96e-03	0.0
626	321	0.02	-2.92e-04	0.02	5.20e-05	-7.24e-04	0.0

626	324	-1.27e-03	-3.16e-04	0.02	5.29e-05	-7.87e-04	0.0
626	325	0.03	2.21e-03	0.02	4.96e-05	-8.05e-04	0.0
626	328	-0.03	-2.84e-03	0.01	5.61e-05	-7.68e-04	0.0
626	344	-0.02	-8.11e-03	0.01	7.12e-05	-8.05e-04	0.0
626	357	0.01	6.93e-04	0.02	5.17e-05	-7.98e-04	0.0
626	363	-0.02	1.67e-04	0.02	4.95e-05	-7.72e-04	0.0
626	376	-5.03e-03	-3.37e-03	0.02	6.04e-05	-7.90e-04	0.0
627	89	0.04	-3.19e-04	0.09	3.27e-05	3.37e-03	0.0
627	105	0.04	-5.58e-04	0.02	4.67e-05	1.13e-03	0.0
627	141	-6.00e-03	-2.09e-03	0.02	7.41e-05	1.04e-03	0.0
627	251	0.03	-7.62e-04	0.06	3.99e-05	2.31e-03	0.0
627	259	0.03	-9.39e-04	0.01	5.02e-05	6.56e-04	0.0
627	282	-0.02	-1.54e-03	0.02	5.13e-05	7.02e-04	0.0
627	310	1.15e-03	-1.03e-03	0.02	5.38e-05	7.86e-04	0.0
627	321	0.02	-1.08e-04	0.05	4.27e-05	1.94e-03	0.0
627	323	0.03	-2.41e-04	0.01	5.04e-05	6.96e-04	0.0
627	324	1.28e-03	-3.16e-04	0.02	5.29e-05	7.87e-04	0.0
627	325	0.03	2.19e-03	0.02	5.13e-05	9.57e-04	0.0
627	344	-0.01	-7.96e-03	0.02	7.17e-05	6.52e-04	0.0
627	347	-1.18e-04	7.22e-03	0.02	3.13e-05	8.35e-04	0.0
627	357	0.02	7.07e-04	0.02	5.27e-05	8.63e-04	0.0
627	367	-0.01	5.33e-04	0.02	4.82e-05	7.16e-04	0.0
627	376	-3.99e-03	-3.37e-03	0.02	6.02e-05	7.56e-04	0.0
628	89	0.04	-4.73e-04	-0.02	3.08e-05	3.37e-03	0.0
628	105	0.04	5.01e-04	-0.01	4.94e-05	1.14e-03	0.0
628	122	-3.84e-03	-1.64e-03	-4.79e-03	4.61e-05	7.48e-04	0.0
628	251	0.03	-9.17e-04	-0.01	4.11e-05	2.32e-03	0.0
628	252	0.02	-1.11e-03	-9.88e-03	4.54e-05	1.93e-03	0.0
628	259	0.03	-1.96e-04	-8.71e-03	5.49e-05	6.61e-04	0.0
628	311	0.02	6.73e-04	-7.82e-03	4.68e-05	7.72e-04	0.0
628	321	0.02	-5.70e-05	-9.88e-03	4.46e-05	1.94e-03	0.0
628	323	0.03	4.84e-04	-7.90e-03	5.49e-05	7.00e-04	0.0
628	324	1.21e-03	1.67e-04	-5.16e-03	5.66e-05	7.90e-04	0.0
628	325	0.03	2.78e-03	-7.40e-03	5.41e-05	9.62e-04	0.0
628	346	2.58e-03	-8.93e-03	-9.67e-03	8.23e-05	7.41e-04	0.0
628	347	-1.65e-04	9.27e-03	-6.57e-04	3.08e-05	8.40e-04	0.0
628	357	0.02	1.12e-03	-6.42e-03	5.63e-05	8.67e-04	0.0
628	366	0.01	-9.22e-04	-7.27e-03	6.17e-05	8.62e-04	0.0
628	379	-1.94e-03	3.55e-03	-3.27e-03	4.69e-05	7.77e-04	0.0
629	89	0.04	-2.92e-03	-0.33	-3.97e-05	3.38e-03	0.0
629	92	0.03	-3.34e-03	-0.23	-2.30e-05	2.40e-03	0.0
629	105	0.05	1.38e-03	-0.12	3.05e-05	1.22e-03	0.0
629	251	0.03	-2.61e-03	-0.23	2.01e-05	2.32e-03	0.0
629	289	0.03	1.19e-03	-0.09	2.40e-05	9.06e-04	0.0
629	311	0.03	1.40e-03	-0.08	5.11e-05	8.29e-04	0.0
629	321	0.03	-1.09e-03	-0.19	3.31e-05	1.96e-03	0.0
629	323	0.03	1.30e-03	-0.08	7.21e-05	7.59e-04	0.0
629	324	3.14e-03	5.36e-04	-0.08	7.32e-05	8.34e-04	0.0
629	325	0.03	4.41e-03	-0.10	9.03e-05	1.01e-03	0.0
629	347	1.89e-03	0.01	-0.09	1.06e-04	8.89e-04	0.0
629	357	0.02	1.72e-03	-0.09	7.34e-05	9.10e-04	0.0
629	358	0.02	-8.98e-04	-0.09	7.96e-05	9.05e-04	0.0
629	379	1.38e-04	4.98e-03	-0.08	6.18e-05	8.19e-04	0.0
630	89	0.04	-7.07e-03	-0.63	-1.36e-04	3.05e-03	0.0
630	90	0.04	-7.07e-03	-0.57	-1.92e-04	2.75e-03	0.0
630	105	0.05	4.34e-04	-0.23	-3.50e-06	1.14e-03	0.0
630	251	0.03	-5.32e-03	-0.43	-4.43e-06	2.10e-03	0.0
630	289	0.04	4.94e-04	-0.17	0.0	8.41e-04	0.0
630	321	0.03	-3.10e-03	-0.36	2.08e-05	1.77e-03	0.0
630	323	0.03	1.06e-03	-0.14	9.43e-05	7.06e-04	0.0
630	324	4.11e-03	6.76e-05	-0.16	9.51e-05	7.65e-04	0.0
630	325	0.03	5.33e-03	-0.19	1.25e-04	9.24e-04	0.0
630	347	2.50e-03	0.02	-0.17	1.51e-04	8.20e-04	0.0
630	357	0.02	1.52e-03	-0.17	9.72e-05	8.34e-04	0.0
630	358	0.02	-1.69e-03	-0.17	1.05e-04	8.31e-04	0.0
630	379	1.19e-03	5.49e-03	-0.15	8.05e-05	7.52e-04	0.0
631	89	0.03	-0.01	-0.89	-2.39e-04	2.46e-03	0.0
631	105	0.05	-7.58e-04	-0.33	-5.60e-05	9.49e-04	0.0
631	251	0.02	-7.87e-03	-0.61	-3.37e-05	1.69e-03	0.0
631	289	0.04	-3.91e-04	-0.24	-3.97e-05	7.02e-04	0.0
631	321	0.02	-5.03e-03	-0.51	1.47e-06	1.43e-03	0.0
631	323	0.03	7.20e-04	-0.20	1.03e-04	5.89e-04	0.0
631	324	4.07e-03	-4.62e-04	-0.22	1.04e-04	6.35e-04	0.0
631	325	0.03	6.06e-03	-0.27	1.45e-04	7.65e-04	0.0
631	346	6.73e-03	-0.02	-0.21	2.39e-05	5.90e-04	0.0
631	357	0.02	1.21e-03	-0.24	1.15e-04	6.92e-04	0.0
631	378	7.02e-03	-6.76e-03	-0.22	9.39e-05	6.44e-04	0.0

632	89	0.03	-0.01	-1.08	-3.20e-04	1.69e-03	0.0
632	105	0.05	-1.78e-03	-0.41	-9.36e-05	7.10e-04	0.0
632	251	0.02	-9.65e-03	-0.74	-5.75e-05	1.15e-03	0.0
632	289	0.04	-1.15e-03	-0.30	-6.80e-05	5.25e-04	0.0
632	321	0.02	-6.38e-03	-0.63	-1.40e-05	9.83e-04	0.0
632	323	0.03	4.25e-04	-0.25	1.12e-04	4.38e-04	0.0
632	324	3.30e-03	-9.02e-04	-0.27	1.11e-04	4.70e-04	0.0
632	325	0.03	6.47e-03	-0.33	1.62e-04	5.65e-04	0.0
632	346	7.64e-03	-0.03	-0.25	1.36e-05	4.40e-04	0.0
632	357	0.02	9.46e-04	-0.30	1.24e-04	5.13e-04	0.0
632	378	6.41e-03	-7.90e-03	-0.28	1.05e-04	4.74e-04	0.0
633	97	-6.75e-03	-0.01	-1.08	-3.20e-04	-1.69e-03	0.0
633	106	0.05	-9.25e-04	-0.30	-1.53e-04	-5.40e-04	0.0
633	255	-3.99e-03	-9.64e-03	-0.74	-5.78e-05	-1.15e-03	0.0
633	259	0.03	-2.76e-04	-0.24	1.14e-04	-4.32e-04	0.0
633	322	-2.08e-03	-6.37e-03	-0.62	-1.40e-05	-9.86e-04	0.0
633	323	0.03	6.51e-04	-0.25	1.15e-04	-4.46e-04	0.0
633	324	-3.28e-03	-9.02e-04	-0.27	1.11e-04	-4.70e-04	0.0
633	325	0.02	4.95e-03	-0.33	1.58e-04	-5.72e-04	0.0
633	327	-0.03	5.96e-03	-0.23	1.20e-04	-4.03e-04	0.0
633	346	7.98e-03	-0.02	-0.26	2.47e-05	-4.37e-04	0.0
633	359	-0.01	1.40e-03	-0.25	1.03e-04	-4.28e-04	0.0
633	361	7.77e-03	1.52e-05	-0.30	1.23e-04	-5.15e-04	0.0
633	378	1.12e-03	-7.85e-03	-0.28	1.08e-04	-4.78e-04	0.0
634	97	-0.02	-0.01	-0.88	-2.40e-04	-2.46e-03	0.0
634	106	0.05	-2.49e-05	-0.24	-1.11e-04	-7.20e-04	0.0
634	255	-0.01	-7.86e-03	-0.61	-3.40e-05	-1.69e-03	0.0
634	259	0.03	1.64e-04	-0.19	1.07e-04	-5.80e-04	0.0
634	322	-7.02e-03	-5.03e-03	-0.51	1.42e-06	-1.43e-03	0.0
634	323	0.03	9.93e-04	-0.20	1.07e-04	-5.99e-04	0.0
634	324	-4.05e-03	-4.62e-04	-0.22	1.04e-04	-6.35e-04	0.0
634	325	0.02	4.38e-03	-0.26	1.41e-04	-7.67e-04	0.0
634	327	-0.03	5.43e-03	-0.19	1.10e-04	-5.45e-04	0.0
634	346	7.82e-03	-0.02	-0.21	3.37e-05	-5.96e-04	0.0
634	359	-0.02	1.63e-03	-0.20	9.74e-05	-5.79e-04	0.0
634	361	6.47e-03	3.29e-04	-0.24	1.14e-04	-6.93e-04	0.0
634	378	5.43e-04	-6.66e-03	-0.22	1.00e-04	-6.45e-04	0.0
635	97	-0.02	-7.07e-03	-0.63	-1.36e-04	-3.05e-03	0.0
635	98	-0.02	-7.08e-03	-0.57	-1.92e-04	-2.75e-03	0.0
635	106	0.05	9.11e-04	-0.17	-5.45e-05	-8.60e-04	0.0
635	255	-0.01	-5.32e-03	-0.43	-4.67e-06	-2.10e-03	0.0
635	259	0.04	6.01e-04	-0.14	9.72e-05	-6.95e-04	0.0
635	322	-0.01	-3.11e-03	-0.36	2.07e-05	-1.77e-03	0.0
635	323	0.03	1.33e-03	-0.14	9.71e-05	-7.19e-04	0.0
635	324	-4.09e-03	6.76e-05	-0.16	9.51e-05	-7.65e-04	0.0
635	325	0.01	3.75e-03	-0.19	1.23e-04	-9.24e-04	0.0
635	327	-0.03	4.92e-03	-0.13	9.94e-05	-6.57e-04	0.0
635	347	-0.02	0.01	-0.16	1.45e-04	-8.08e-04	0.0
635	359	-0.01	1.90e-03	-0.14	8.71e-05	-6.99e-04	0.0
635	362	6.40e-03	-1.14e-03	-0.17	1.04e-04	-8.33e-04	0.0
635	379	-8.75e-03	5.32e-03	-0.15	8.66e-05	-7.52e-04	0.0
636	97	-0.02	-2.93e-03	-0.33	-3.97e-05	-3.38e-03	0.0
636	100	-0.02	-3.31e-03	-0.23	-2.32e-05	-2.40e-03	0.0
636	106	0.05	1.51e-03	-0.08	-9.90e-06	-9.25e-04	0.0
636	255	-0.02	-2.61e-03	-0.23	1.99e-05	-2.32e-03	0.0
636	259	0.04	8.33e-04	-0.07	7.40e-05	-7.47e-04	0.0
636	311	0.03	1.64e-03	-0.08	5.20e-05	-8.45e-04	0.0
636	322	-0.01	-1.11e-03	-0.19	3.31e-05	-1.96e-03	0.0
636	323	0.03	1.47e-03	-0.07	7.37e-05	-7.76e-04	0.0
636	324	-3.12e-03	5.36e-04	-0.08	7.31e-05	-8.34e-04	0.0
636	326	0.02	-3.21e-03	-0.10	7.03e-05	-9.55e-04	0.0
636	327	-0.02	4.28e-03	-0.07	7.60e-05	-7.12e-04	0.0
636	347	-0.01	0.01	-0.07	1.03e-04	-8.76e-04	0.0
636	359	-0.01	2.06e-03	-0.07	6.77e-05	-7.59e-04	0.0
636	362	6.88e-03	-5.28e-04	-0.09	7.92e-05	-9.08e-04	0.0
636	379	-7.70e-03	4.72e-03	-0.08	6.52e-05	-8.16e-04	0.0
637	97	-0.02	-5.10e-04	-0.01	3.08e-05	-3.37e-03	0.0
637	106	0.05	6.09e-04	1.15e-03	1.76e-05	-8.69e-04	0.0
637	122	-3.95e-03	-1.54e-03	-5.70e-03	4.59e-05	-7.45e-04	0.0
637	255	-0.01	-9.20e-04	-9.58e-03	4.10e-05	-2.32e-03	0.0
637	256	-0.01	-1.08e-03	-8.70e-03	4.53e-05	-1.93e-03	0.0
637	259	0.04	-4.69e-05	-8.51e-04	5.59e-05	-6.89e-04	0.0
637	311	0.03	8.67e-04	-1.24e-03	4.73e-05	-7.91e-04	0.0
637	322	-9.65e-03	-9.08e-05	-8.08e-03	4.46e-05	-1.94e-03	0.0
637	323	0.03	5.64e-04	-1.53e-03	5.57e-05	-7.22e-04	0.0
637	324	-1.19e-03	1.67e-04	-5.16e-03	5.66e-05	-7.90e-04	0.0
637	327	-0.02	2.33e-03	-6.37e-03	4.59e-05	-6.62e-04	0.0

637	344	-8.82e-04	-6.58e-03	-8.49e-03	7.73e-05	-6.62e-04	0.0
637	347	-0.01	7.02e-03	-3.02e-03	3.34e-05	-8.27e-04	0.0
637	359	-0.01	1.12e-03	-5.83e-03	5.21e-05	-7.13e-04	0.0
637	376	-2.35e-03	-2.79e-03	-6.65e-03	6.39e-05	-7.61e-04	0.0
637	379	-5.61e-03	3.17e-03	-4.28e-03	4.80e-05	-7.72e-04	0.0
638	89	0.01	-0.02	-1.20	-3.13e-04	7.15e-04	0.0
638	105	0.05	-2.19e-03	-0.46	-8.87e-05	3.82e-04	0.0
638	251	0.01	-0.01	-0.83	-3.50e-05	4.73e-04	0.0
638	259	0.04	-6.22e-04	-0.28	1.31e-04	2.27e-04	0.0
638	321	0.01	-6.87e-03	-0.70	8.37e-06	4.19e-04	0.0
638	323	0.03	4.24e-04	-0.29	1.33e-04	2.34e-04	0.0
638	324	1.85e-03	-1.05e-03	-0.31	1.32e-04	2.52e-04	0.0
638	325	0.03	6.63e-03	-0.37	1.91e-04	2.99e-04	0.0
638	346	8.29e-03	-0.03	-0.29	2.31e-05	2.42e-04	0.0
638	357	0.01	9.14e-04	-0.34	1.46e-04	2.75e-04	0.0
638	361	0.01	-4.59e-05	-0.34	1.45e-04	2.75e-04	0.0
638	378	5.22e-03	-8.54e-03	-0.32	1.28e-04	2.50e-04	0.0
639	89	2.56e-03	-0.01	-1.22	-3.38e-04	-2.74e-04	0.0
639	105	0.05	-2.21e-03	-0.48	-7.68e-05	-4.31e-06	0.0
639	251	2.21e-03	-9.90e-03	-0.84	-4.94e-05	-2.03e-04	0.0
639	259	0.04	-5.45e-04	-0.29	1.44e-04	-3.35e-06	0.0
639	321	3.64e-03	-6.52e-03	-0.71	0.0	-1.53e-04	0.0
639	323	0.03	4.99e-04	-0.30	1.46e-04	-2.82e-06	0.0
639	324	9.00e-06	-1.07e-03	-0.32	1.43e-04	0.0	0.0
639	325	0.02	6.29e-03	-0.39	2.04e-04	3.28e-06	0.0
639	326	0.02	-9.47e-03	-0.37	1.35e-04	1.21e-05	0.0
639	346	8.62e-03	-0.03	-0.30	3.56e-05	1.68e-05	0.0
639	357	0.01	9.29e-04	-0.35	1.59e-04	5.38e-06	0.0
639	362	0.01	-2.62e-03	-0.35	1.55e-04	1.16e-06	0.0
639	378	3.46e-03	-8.73e-03	-0.33	1.40e-04	-4.02e-06	0.0
640	97	4.62e-03	-0.02	-1.20	-3.14e-04	-7.18e-04	0.0
640	106	0.05	-1.50e-03	-0.34	-1.62e-04	-2.92e-04	0.0
640	255	4.12e-03	-0.01	-0.82	-3.52e-05	-4.76e-04	0.0
640	259	0.03	-4.53e-04	-0.28	1.34e-04	-2.34e-04	0.0
640	322	4.49e-03	-6.86e-03	-0.70	8.28e-06	-4.22e-04	0.0
640	323	0.03	5.49e-04	-0.29	1.35e-04	-2.41e-04	0.0
640	324	-1.83e-03	-1.05e-03	-0.31	1.32e-04	-2.52e-04	0.0
640	325	0.02	5.68e-03	-0.37	1.87e-04	-3.11e-04	0.0
640	327	-0.03	6.71e-03	-0.27	1.40e-04	-2.15e-04	0.0
640	346	8.32e-03	-0.03	-0.29	3.19e-05	-2.29e-04	0.0
640	357	9.74e-03	8.93e-04	-0.34	1.46e-04	-2.77e-04	0.0
640	359	-0.01	1.42e-03	-0.28	1.22e-04	-2.28e-04	0.0
640	378	2.28e-03	-8.52e-03	-0.32	1.28e-04	-2.55e-04	0.0
641	97	-0.02	-3.68e-04	0.09	3.26e-05	-3.37e-03	0.0
641	106	0.05	-2.57e-04	0.03	1.66e-05	-8.64e-04	0.0
641	141	-5.92e-03	-1.99e-03	0.02	7.38e-05	-1.03e-03	0.0
641	255	-0.01	-7.72e-04	0.06	3.97e-05	-2.31e-03	0.0
641	259	0.04	-7.86e-04	0.02	5.14e-05	-6.84e-04	0.0
641	282	-0.01	-1.45e-03	0.01	5.12e-05	-6.95e-04	0.0
641	310	-1.05e-03	-9.83e-04	0.02	5.37e-05	-7.86e-04	0.0
641	322	-9.74e-03	-1.49e-04	0.05	4.27e-05	-1.94e-03	0.0
641	323	0.03	-1.59e-04	0.02	5.14e-05	-7.18e-04	0.0
641	324	-1.26e-03	-3.16e-04	0.02	5.29e-05	-7.87e-04	0.0
641	325	0.02	1.88e-03	0.03	5.04e-05	-9.63e-04	0.0
641	327	-0.02	8.74e-04	0.01	4.41e-05	-6.58e-04	0.0
641	344	-9.65e-04	-6.12e-03	0.01	7.06e-05	-6.60e-04	0.0
641	357	7.58e-03	7.22e-04	0.02	5.22e-05	-8.67e-04	0.0
641	359	-0.01	2.18e-04	0.02	4.91e-05	-7.10e-04	0.0
641	376	-2.42e-03	-3.01e-03	0.02	5.99e-05	-7.57e-04	0.0
642	105	0.06	-8.98e-05	0.08	3.23e-05	3.33e-03	0.0
642	141	-2.63e-03	-2.00e-03	0.02	7.35e-05	1.02e-03	0.0
642	165	0.06	3.19e-05	0.07	3.23e-05	2.91e-03	0.0
642	259	0.04	-5.62e-04	0.06	3.95e-05	2.28e-03	0.0
642	282	-8.41e-03	-1.46e-03	0.02	5.11e-05	6.91e-04	0.0
642	289	0.04	9.23e-05	0.05	2.24e-05	2.16e-03	0.0
642	310	1.29e-03	-9.79e-04	0.02	5.37e-05	7.83e-04	0.0
642	311	0.03	2.17e-04	0.04	3.46e-05	1.76e-03	0.0
642	323	0.03	1.68e-05	0.05	4.27e-05	1.92e-03	0.0
642	324	1.29e-03	-3.16e-04	0.02	5.29e-05	7.83e-04	0.0
642	325	0.02	1.91e-03	0.03	5.38e-05	1.07e-03	0.0
642	326	0.02	-1.49e-03	0.02	6.35e-05	1.08e-03	0.0
642	344	6.60e-04	-6.15e-03	0.01	6.73e-05	7.19e-04	0.0
642	357	9.62e-03	7.32e-04	0.02	5.36e-05	9.33e-04	0.0
642	358	0.01	-8.39e-04	0.02	5.80e-05	9.31e-04	0.0
642	376	-5.98e-05	-3.01e-03	0.02	5.92e-05	7.36e-04	0.0
643	105	0.06	-8.49e-05	-0.02	3.09e-05	3.34e-03	0.0
643	122	-1.91e-03	-1.46e-03	-4.92e-03	4.56e-05	7.28e-04	0.0

643	165	0.06	5.41e-04	-0.02	3.15e-05	2.92e-03	0.0
643	259	0.04	-5.88e-04	-0.01	4.11e-05	2.29e-03	0.0
643	267	-8.34e-04	-9.19e-04	-5.30e-03	5.71e-05	7.66e-04	0.0
643	289	0.04	4.67e-04	-0.01	2.18e-05	2.16e-03	0.0
643	311	0.03	6.07e-04	-9.64e-03	3.57e-05	1.77e-03	0.0
643	323	0.03	1.32e-04	-0.01	4.48e-05	1.93e-03	0.0
643	324	1.22e-03	1.67e-04	-5.16e-03	5.66e-05	7.87e-04	0.0
643	326	0.02	-1.67e-03	-8.22e-03	6.91e-05	1.08e-03	0.0
643	346	0.01	-5.64e-03	-8.44e-03	7.52e-05	8.96e-04	0.0
643	347	-8.37e-03	5.98e-03	-1.89e-03	3.80e-05	6.77e-04	0.0
643	358	0.01	-7.03e-04	-6.68e-03	6.27e-05	9.36e-04	0.0
643	366	0.01	-7.63e-04	-6.71e-03	6.27e-05	9.36e-04	0.0
643	379	-2.62e-03	2.91e-03	-3.64e-03	4.79e-05	7.44e-04	0.0
644	105	0.06	-2.17e-03	-0.33	-3.77e-05	3.35e-03	0.0
644	108	0.04	-2.60e-03	-0.23	-2.18e-05	2.37e-03	0.0
644	165	0.06	-1.43e-04	-0.29	-2.81e-05	2.96e-03	0.0
644	259	0.04	-1.98e-03	-0.23	2.13e-05	2.30e-03	0.0
644	289	0.04	-3.47e-05	-0.21	-2.29e-05	2.19e-03	0.0
644	311	0.04	4.05e-04	-0.18	1.60e-05	1.80e-03	0.0
644	322	-5.04e-03	1.30e-03	-0.07	7.39e-05	7.64e-04	0.0
644	323	0.03	-7.47e-04	-0.19	3.43e-05	1.95e-03	0.0
644	324	3.15e-03	5.36e-04	-0.08	7.31e-05	8.30e-04	0.0
644	326	0.02	-1.89e-03	-0.11	9.00e-05	1.12e-03	0.0
644	347	-5.75e-03	6.83e-03	-0.07	5.60e-05	7.21e-04	0.0
644	357	0.01	1.12e-03	-0.09	7.80e-05	9.79e-04	0.0
644	358	0.01	-6.63e-04	-0.10	8.14e-05	9.77e-04	0.0
644	379	1.87e-03	3.64e-03	-0.08	6.55e-05	7.89e-04	0.0
645	105	0.06	-6.04e-03	-0.62	-1.31e-04	3.02e-03	0.0
645	106	0.06	-6.05e-03	-0.56	-1.87e-04	2.73e-03	0.0
645	165	0.06	-2.77e-03	-0.55	-1.21e-04	2.75e-03	0.0
645	259	0.04	-4.45e-03	-0.43	-1.53e-06	2.08e-03	0.0
645	289	0.05	-1.97e-03	-0.41	-9.25e-05	2.03e-03	0.0
645	311	0.04	-9.67e-04	-0.34	-1.52e-05	1.67e-03	0.0
645	323	0.03	-2.63e-03	-0.36	2.32e-05	1.76e-03	0.0
645	324	4.12e-03	6.86e-05	-0.15	9.50e-05	7.62e-04	0.0
645	326	0.02	-2.58e-03	-0.21	1.23e-04	1.01e-03	0.0
645	347	-3.86e-03	7.02e-03	-0.13	7.30e-05	7.10e-04	0.0
645	357	0.01	7.20e-04	-0.18	1.06e-04	8.98e-04	0.0
645	358	0.01	-1.24e-03	-0.18	1.08e-04	8.94e-04	0.0
645	379	2.88e-03	3.48e-03	-0.15	8.75e-05	7.28e-04	0.0
646	105	0.05	-9.82e-03	-0.88	-2.32e-04	2.44e-03	0.0
646	165	0.06	-5.68e-03	-0.79	-2.36e-04	2.36e-03	0.0
646	259	0.04	-6.77e-03	-0.61	-2.89e-05	1.67e-03	0.0
646	289	0.04	-4.11e-03	-0.58	-1.78e-04	1.75e-03	0.0
646	311	0.03	-2.49e-03	-0.48	-6.04e-05	1.43e-03	0.0
646	323	0.03	-4.44e-03	-0.51	5.36e-06	1.42e-03	0.0
646	324	4.08e-03	-4.60e-04	-0.22	1.04e-04	6.31e-04	0.0
646	326	0.02	-3.38e-03	-0.30	1.41e-04	8.39e-04	0.0
646	346	0.01	-8.21e-03	-0.25	1.32e-04	6.71e-04	0.0
646	358	0.01	-1.87e-03	-0.26	1.19e-04	7.40e-04	0.0
646	362	0.01	-1.71e-03	-0.26	1.20e-04	7.40e-04	0.0
646	378	7.06e-03	-4.16e-03	-0.23	1.06e-04	6.57e-04	0.0
647	105	0.04	-0.01	-1.07	-3.10e-04	1.68e-03	0.0
647	165	0.05	-8.33e-03	-0.99	-3.16e-04	1.85e-03	0.0
647	259	0.03	-8.35e-03	-0.74	-5.10e-05	1.14e-03	0.0
647	289	0.04	-6.06e-03	-0.73	-2.37e-04	1.37e-03	0.0
647	311	0.03	-3.88e-03	-0.60	-9.04e-05	1.12e-03	0.0
647	323	0.03	-5.69e-03	-0.62	-8.82e-06	9.77e-04	0.0
647	324	3.32e-03	-8.99e-04	-0.27	1.11e-04	4.67e-04	0.0
647	326	0.02	-4.07e-03	-0.36	1.58e-04	6.20e-04	0.0
647	346	9.23e-03	-9.26e-03	-0.30	1.48e-04	4.93e-04	0.0
647	358	9.89e-03	-2.41e-03	-0.32	1.30e-04	5.47e-04	0.0
647	362	9.75e-03	-2.24e-03	-0.32	1.32e-04	5.48e-04	0.0
647	378	5.95e-03	-4.78e-03	-0.28	1.13e-04	4.86e-04	0.0
648	127	0.01	-0.01	-1.06	-3.01e-04	-1.69e-03	0.0
648	128	0.01	-0.01	-0.96	-3.67e-04	-1.51e-03	0.0
648	165	0.01	-0.01	-1.07	-2.88e-04	-1.70e-03	0.0
648	270	9.90e-03	-8.56e-03	-0.79	-2.25e-04	-1.25e-03	0.0
648	289	9.78e-03	-8.18e-03	-0.79	-2.17e-04	-1.26e-03	0.0
648	311	7.19e-03	-5.57e-03	-0.64	-7.52e-05	-1.03e-03	0.0
648	324	-3.25e-03	-8.95e-04	-0.27	1.11e-04	-4.72e-04	0.0
648	326	3.66e-03	-3.45e-03	-0.36	1.60e-04	-6.29e-04	0.0
648	327	-0.01	1.66e-03	-0.18	6.19e-05	-3.15e-04	0.0
648	346	7.03e-04	-6.97e-03	-0.30	1.56e-04	-5.01e-04	0.0
648	357	-3.60e-04	-5.53e-04	-0.32	1.31e-04	-5.58e-04	0.0
648	359	-6.69e-03	2.90e-04	-0.22	9.17e-05	-3.90e-04	0.0
648	378	-1.38e-03	-3.60e-03	-0.28	1.14e-04	-4.91e-04	0.0

649	97	-0.01	-7.94e-04	-0.32	-5.67e-05	-9.49e-04	0.0
649	127	4.66e-03	-8.91e-03	-0.87	-2.23e-04	-2.46e-03	0.0
649	165	4.46e-03	-8.45e-03	-0.87	-2.11e-04	-2.46e-03	0.0
649	255	-8.13e-03	1.59e-04	-0.19	1.00e-04	-5.68e-04	0.0
649	270	3.49e-03	-6.51e-03	-0.65	-1.67e-04	-1.82e-03	0.0
649	289	3.35e-03	-6.20e-03	-0.65	-1.59e-04	-1.82e-03	0.0
649	311	2.10e-03	-4.20e-03	-0.53	-4.69e-05	-1.49e-03	0.0
649	322	-6.89e-03	4.60e-04	-0.20	1.02e-04	-5.93e-04	0.0
649	324	-4.01e-03	-4.54e-04	-0.22	1.03e-04	-6.36e-04	0.0
649	326	1.48e-03	-2.58e-03	-0.29	1.44e-04	-8.48e-04	0.0
649	327	-9.49e-03	1.67e-03	-0.14	6.25e-05	-4.25e-04	0.0
649	346	-4.96e-04	-5.10e-03	-0.25	1.44e-04	-6.81e-04	0.0
649	359	-6.73e-03	5.37e-04	-0.18	8.59e-05	-5.26e-04	0.0
649	362	-1.32e-03	-1.32e-03	-0.26	1.20e-04	-7.47e-04	0.0
649	378	-2.36e-03	-2.52e-03	-0.23	1.12e-04	-6.65e-04	0.0
650	97	-0.01	4.16e-04	-0.22	-4.10e-06	-1.13e-03	0.0
650	128	5.63e-04	-5.14e-03	-0.56	-1.79e-04	-2.75e-03	0.0
650	165	-1.18e-03	-4.80e-03	-0.62	-1.13e-04	-3.05e-03	0.0
650	255	-6.99e-03	6.44e-04	-0.13	9.15e-05	-6.76e-04	0.0
650	270	-7.03e-04	-3.74e-03	-0.46	-9.35e-05	-2.26e-03	0.0
650	289	-8.36e-04	-3.52e-03	-0.46	-8.66e-05	-2.26e-03	0.0
650	311	-1.16e-03	-2.31e-03	-0.37	-1.12e-05	-1.84e-03	0.0
650	322	-6.15e-03	8.07e-04	-0.14	9.30e-05	-7.09e-04	0.0
650	324	-4.04e-03	7.57e-05	-0.15	9.44e-05	-7.67e-04	0.0
650	326	-4.71e-05	-1.64e-03	-0.21	1.26e-04	-1.04e-03	0.0
650	335	-8.04e-03	1.93e-03	-0.10	6.37e-05	-4.98e-04	0.0
650	347	-6.87e-03	3.23e-03	-0.13	6.03e-05	-6.64e-04	0.0
650	362	-2.10e-03	-6.51e-04	-0.18	1.08e-04	-9.02e-04	0.0
650	367	-6.02e-03	9.54e-04	-0.13	8.13e-05	-6.33e-04	0.0
650	379	-5.36e-03	1.48e-03	-0.14	8.58e-05	-7.29e-04	0.0
651	97	-7.40e-03	1.36e-03	-0.11	3.01e-05	-1.21e-03	0.0
651	128	-1.52e-03	-1.62e-03	-0.29	-7.54e-05	-3.05e-03	0.0
651	165	-2.86e-03	-1.24e-03	-0.32	-2.61e-05	-3.38e-03	0.0
651	255	-4.81e-03	1.00e-03	-0.07	6.97e-05	-7.20e-04	0.0
651	270	-1.99e-03	-1.03e-03	-0.23	-2.58e-05	-2.50e-03	0.0
651	289	-2.10e-03	-9.02e-04	-0.23	-2.14e-05	-2.50e-03	0.0
651	311	-2.04e-03	-4.57e-04	-0.19	1.66e-05	-2.03e-03	0.0
651	322	-4.35e-03	1.03e-03	-0.07	7.07e-05	-7.61e-04	0.0
651	324	-3.06e-03	5.34e-04	-0.08	7.20e-05	-8.35e-04	0.0
651	326	-5.83e-04	-7.69e-04	-0.11	9.01e-05	-1.14e-03	0.0
651	335	-5.55e-03	1.90e-03	-0.05	5.46e-05	-5.35e-04	0.0
651	347	-5.00e-03	2.26e-03	-0.07	5.18e-05	-7.14e-04	0.0
651	362	-1.87e-03	-4.96e-05	-0.09	7.98e-05	-9.86e-04	0.0
651	367	-4.29e-03	1.19e-03	-0.06	6.46e-05	-6.84e-04	0.0
651	379	-3.97e-03	1.31e-03	-0.07	6.67e-05	-7.85e-04	0.0
652	97	-2.56e-03	5.58e-04	-2.21e-03	5.10e-05	-1.12e-03	0.0
652	111	-1.79e-03	3.57e-04	-3.49e-03	9.03e-05	-1.28e-03	0.0
652	255	-1.73e-03	3.21e-04	-2.07e-03	5.30e-05	-6.51e-04	0.0
652	262	-1.30e-03	2.61e-04	-2.50e-03	6.46e-05	-9.30e-04	0.0
652	289	-5.55e-04	3.69e-04	-1.71e-03	2.83e-05	-2.50e-03	0.0
652	309	-1.13e-03	2.28e-04	-2.13e-03	5.54e-05	-7.89e-04	0.0
652	322	-1.62e-03	3.08e-04	-2.09e-03	5.39e-05	-6.98e-04	0.0
652	324	-1.13e-03	2.28e-04	-2.13e-03	5.54e-05	-7.89e-04	0.0
652	326	2.52e-05	9.47e-05	-2.38e-03	6.43e-05	-1.10e-03	0.0
652	335	-2.30e-03	3.65e-04	-1.88e-03	4.66e-05	-4.84e-04	0.0
652	362	-5.84e-04	1.67e-04	-2.24e-03	5.94e-05	-9.44e-04	0.0
652	367	-1.70e-03	2.96e-04	-2.02e-03	5.15e-05	-6.35e-04	0.0
653	105	0.03	-0.01	-1.19	-3.01e-04	7.04e-04	0.0
653	127	0.05	-0.01	-1.14	-3.41e-04	1.13e-03	0.0
653	259	0.02	-8.85e-03	-0.82	-2.68e-05	4.67e-04	0.0
653	270	0.03	-8.19e-03	-0.84	-2.55e-04	8.38e-04	0.0
653	289	0.03	-7.68e-03	-0.84	-2.44e-04	8.41e-04	0.0
653	311	0.03	-5.03e-03	-0.69	-8.49e-05	6.75e-04	0.0
653	323	0.02	-6.10e-03	-0.70	1.46e-05	4.15e-04	0.0
653	324	1.87e-03	-1.05e-03	-0.31	1.31e-04	2.48e-04	0.0
653	326	0.01	-4.35e-03	-0.41	1.88e-04	3.27e-04	0.0
653	346	6.84e-03	-9.62e-03	-0.35	1.76e-04	2.55e-04	0.0
653	357	7.22e-03	-3.52e-04	-0.36	1.58e-04	2.93e-04	0.0
653	358	7.63e-03	-2.60e-03	-0.36	1.54e-04	2.92e-04	0.0
653	378	4.20e-03	-4.95e-03	-0.32	1.33e-04	2.60e-04	0.0
654	105	0.02	-0.01	-1.21	-3.24e-04	-2.80e-04	0.0
654	127	0.04	-0.01	-1.21	-3.22e-04	2.65e-04	0.0
654	165	0.04	-0.01	-1.21	-3.04e-04	2.65e-04	0.0
654	270	0.03	-9.22e-03	-0.90	-2.41e-04	1.96e-04	0.0
654	289	0.03	-8.73e-03	-0.90	-2.29e-04	1.96e-04	0.0
654	311	0.02	-5.80e-03	-0.73	-7.04e-05	1.46e-04	0.0
654	324	3.47e-05	-1.07e-03	-0.32	1.43e-04	-2.89e-06	0.0

654	326	9.95e-03	-4.30e-03	-0.43	2.05e-04	0.0	0.0
654	346	4.49e-03	-9.30e-03	-0.36	1.92e-04	-1.90e-05	0.0
654	357	4.57e-03	-4.48e-04	-0.38	1.71e-04	0.0	0.0
654	358	5.01e-03	-2.57e-03	-0.38	1.68e-04	2.12e-06	0.0
654	378	2.18e-03	-4.77e-03	-0.34	1.45e-04	0.0	0.0
655	127	0.02	-0.01	-1.19	-2.95e-04	-7.19e-04	0.0
655	128	0.03	-0.01	-1.07	-3.71e-04	-6.18e-04	0.0
655	165	0.02	-0.01	-1.19	-2.79e-04	-7.23e-04	0.0
655	270	0.02	-9.50e-03	-0.88	-2.21e-04	-5.32e-04	0.0
655	289	0.02	-9.05e-03	-0.88	-2.10e-04	-5.34e-04	0.0
655	311	0.01	-6.11e-03	-0.72	-6.00e-05	-4.47e-04	0.0
655	324	-1.80e-03	-1.05e-03	-0.31	1.31e-04	-2.54e-04	0.0
655	326	6.62e-03	-4.02e-03	-0.41	1.88e-04	-3.38e-04	0.0
655	327	-0.01	1.92e-03	-0.20	7.43e-05	-1.71e-04	0.0
655	346	2.42e-03	-8.42e-03	-0.35	1.80e-04	-2.61e-04	0.0
655	357	1.91e-03	-5.48e-04	-0.36	1.56e-04	-3.02e-04	0.0
655	359	-6.01e-03	3.30e-04	-0.25	1.08e-04	-2.10e-04	0.0
655	378	2.24e-04	-4.34e-03	-0.32	1.35e-04	-2.62e-04	0.0
656	97	-2.76e-03	-8.48e-04	0.04	4.56e-05	-1.11e-03	0.0
656	165	-9.06e-04	3.31e-04	0.13	3.77e-05	-2.35e-03	0.0
656	255	-1.85e-03	-6.52e-04	0.02	4.51e-05	-6.39e-04	0.0
656	289	-6.68e-04	2.44e-04	0.10	2.66e-05	-2.48e-03	0.0
656	311	-7.45e-04	5.97e-05	0.08	3.56e-05	-2.01e-03	0.0
656	322	-1.73e-03	-6.28e-04	0.03	4.63e-05	-6.87e-04	0.0
656	324	-1.21e-03	-3.97e-04	0.03	4.87e-05	-7.79e-04	0.0
656	326	-1.61e-04	3.82e-04	0.04	5.46e-05	-1.08e-03	0.0
656	335	-2.28e-03	-1.19e-03	0.02	4.28e-05	-4.77e-04	0.0
656	362	-7.18e-04	-3.26e-05	0.04	5.14e-05	-9.33e-04	0.0
656	367	-1.73e-03	-7.86e-04	0.02	4.59e-05	-6.26e-04	0.0
657	25	3.97e-03	1.46e-04	0.15	6.89e-05	3.87e-03	0.0
657	49	4.54e-03	6.45e-05	0.05	2.79e-05	1.33e-03	0.0
657	187	3.97e-03	1.46e-04	0.15	6.85e-05	3.87e-03	0.0
657	210	3.04e-03	4.33e-05	0.04	2.17e-05	1.03e-03	0.0
657	219	2.16e-03	5.85e-05	0.10	2.95e-05	2.53e-03	0.0
657	300	2.16e-03	5.86e-05	0.10	2.92e-05	2.53e-03	0.0
657	311	2.56e-03	2.02e-05	0.03	8.63e-06	8.31e-04	0.0
657	313	2.17e-03	4.92e-05	0.08	2.20e-05	2.07e-03	0.0
657	324	1.84e-03	0.0	0.03	0.0	7.60e-04	0.0
657	325	2.86e-03	1.11e-05	0.02	1.20e-06	4.75e-04	0.0
657	328	8.17e-04	-1.11e-05	0.04	-1.20e-06	1.04e-03	0.0
657	353	2.14e-03	5.77e-05	0.03	3.71e-06	6.75e-04	0.0
657	361	2.34e-03	7.80e-06	0.02	0.0	6.14e-04	0.0
657	364	1.33e-03	-7.80e-06	0.04	0.0	9.05e-04	0.0
657	385	1.99e-03	2.84e-05	0.03	1.84e-06	7.16e-04	0.0
658	7	-4.00e-03	1.43e-04	0.15	7.11e-05	-3.80e-03	0.0
658	97	-4.83e-03	6.49e-05	0.05	2.79e-05	-1.28e-03	0.0
658	165	-3.99e-03	1.43e-04	0.15	7.07e-05	-3.80e-03	0.0
658	210	-2.94e-03	1.07e-04	0.11	5.26e-05	-2.81e-03	0.0
658	289	-2.94e-03	1.07e-04	0.11	5.24e-05	-2.81e-03	0.0
658	311	-2.30e-03	6.79e-05	0.09	3.18e-05	-2.20e-03	0.0
658	322	-2.44e-03	4.16e-06	0.03	0.0	-6.70e-04	0.0
658	324	-1.84e-03	0.0	0.03	0.0	-7.60e-04	0.0
658	326	-8.05e-04	-1.59e-05	0.04	-2.37e-06	-1.04e-03	0.0
658	327	-2.87e-03	1.59e-05	0.02	2.37e-06	-4.76e-04	0.0
658	341	-1.60e-03	5.76e-05	0.03	6.68e-06	-8.42e-04	0.0
658	362	-1.33e-03	-4.22e-06	0.04	0.0	-9.05e-04	0.0
658	363	-2.34e-03	4.22e-06	0.02	0.0	-6.14e-04	0.0
658	373	-1.68e-03	2.84e-05	0.03	1.84e-06	-8.03e-04	0.0
659	25	-0.02	-6.73e-03	-1.50	-8.28e-04	1.37e-03	0.0
659	150	-0.02	-7.06e-03	-1.39	-8.32e-04	1.28e-03	0.0
659	219	-0.02	-3.92e-03	-0.98	-3.73e-04	9.04e-04	0.0
659	281	-0.02	-4.14e-03	-0.98	-3.76e-04	9.03e-04	0.0
659	313	-0.01	-2.17e-03	-0.81	-2.79e-04	7.36e-04	0.0
659	324	1.75e-03	0.0	-0.30	0.0	2.43e-04	0.0
659	328	-6.11e-03	-7.91e-04	-0.40	0.0	3.29e-04	0.0
659	333	9.61e-03	1.15e-03	-0.20	4.62e-06	1.57e-04	0.0
659	351	-5.89e-04	6.33e-03	-0.33	6.42e-06	2.68e-04	0.0
659	364	-2.18e-03	-8.45e-04	-0.35	0.0	2.86e-04	0.0
659	369	5.67e-03	1.02e-03	-0.24	1.93e-06	1.99e-04	0.0
659	383	5.69e-04	3.14e-03	-0.31	3.26e-06	2.56e-04	0.0
660	25	-7.37e-03	-5.22e-03	-1.30	-6.88e-04	2.38e-03	5.45e-05
660	49	0.01	-1.15e-03	-0.47	-2.63e-04	8.28e-04	1.71e-05
660	150	-8.60e-03	-5.52e-03	-1.20	-6.92e-04	2.21e-03	5.47e-05
660	219	-6.75e-03	-3.07e-03	-0.84	-3.06e-04	1.56e-03	2.58e-05
660	231	7.52e-03	-6.08e-05	-0.23	8.30e-06	4.14e-04	-1.95e-06
660	281	-6.75e-03	-3.27e-03	-0.84	-3.09e-04	1.56e-03	2.59e-05
660	313	-3.73e-03	-1.66e-03	-0.70	-2.29e-04	1.28e-03	1.95e-05

660	316	6.98e-03	6.01e-04	-0.24	6.65e-06	4.19e-04	-1.26e-06
660	324	3.21e-03	0.0	-0.26	0.0	4.54e-04	0.0
660	328	-3.07e-03	-6.51e-04	-0.35	4.07e-06	6.08e-04	0.0
660	333	9.49e-03	9.43e-04	-0.17	0.0	2.99e-04	0.0
660	351	1.35e-03	5.14e-03	-0.29	4.84e-06	5.00e-04	-3.91e-06
660	364	7.99e-05	-6.84e-04	-0.30	0.0	5.33e-04	0.0
660	369	6.34e-03	8.31e-04	-0.21	1.57e-06	3.75e-04	0.0
660	383	2.27e-03	2.55e-03	-0.27	2.47e-06	4.78e-04	-1.94e-06
661	25	-0.04	-7.34e-03	-1.58	-8.77e-04	1.47e-05	0.0
661	149	-0.04	-7.70e-03	-1.58	-8.82e-04	1.47e-05	0.0
661	219	-0.03	-4.32e-03	-1.03	-3.98e-04	9.90e-06	0.0
661	281	-0.03	-4.56e-03	-1.03	-4.01e-04	9.90e-06	0.0
661	313	-0.02	-2.40e-03	-0.85	-2.97e-04	7.95e-06	0.0
661	324	-3.41e-05	0.0	-0.31	0.0	2.80e-06	0.0
661	328	-9.48e-03	-9.03e-04	-0.41	0.0	-2.84e-06	0.0
661	336	-9.48e-03	-1.31e-03	-0.41	-4.91e-06	-2.84e-06	0.0
661	350	2.77e-03	-7.17e-03	-0.28	-8.22e-06	4.89e-06	0.0
661	364	-4.76e-03	-9.57e-04	-0.36	0.0	0.0	0.0
661	372	-4.76e-03	-1.16e-03	-0.36	-2.24e-06	0.0	0.0
661	382	1.38e-03	-3.56e-03	-0.29	-4.14e-06	3.84e-06	0.0
662	25	-0.05	-7.03e-03	-1.51	-8.32e-04	-1.34e-03	0.0
662	149	-0.05	-7.40e-03	-1.51	-8.37e-04	-1.34e-03	0.0
662	219	-0.04	-4.23e-03	-0.98	-3.76e-04	-8.84e-04	0.0
662	281	-0.04	-4.48e-03	-0.98	-3.79e-04	-8.84e-04	0.0
662	313	-0.03	-2.30e-03	-0.81	-2.81e-04	-7.20e-04	0.0
662	324	-1.82e-03	0.0	-0.30	0.0	-2.37e-04	0.0
662	328	-0.01	-9.77e-04	-0.40	0.0	-3.18e-04	0.0
662	336	-0.01	-1.41e-03	-0.40	-4.75e-06	-3.18e-04	0.0
662	350	1.46e-03	-7.58e-03	-0.27	-8.29e-06	-2.13e-04	0.0
662	364	-7.35e-03	-1.01e-03	-0.35	0.0	-2.78e-04	0.0
662	372	-7.35e-03	-1.23e-03	-0.35	-2.22e-06	-2.78e-04	0.0
662	382	-1.56e-04	-3.76e-03	-0.28	-4.16e-06	-2.25e-04	0.0
663	25	-0.06	-5.77e-03	-1.30	-6.96e-04	-2.35e-03	-4.89e-05
663	149	-0.06	-6.14e-03	-1.30	-7.00e-04	-2.35e-03	-4.93e-05
663	219	-0.05	-3.65e-03	-0.85	-3.12e-04	-1.54e-03	-2.22e-05
663	281	-0.05	-3.90e-03	-0.85	-3.15e-04	-1.54e-03	-2.25e-05
663	313	-0.03	-1.88e-03	-0.70	-2.33e-04	-1.27e-03	-1.63e-05
663	324	-3.28e-03	0.0	-0.26	0.0	-4.49e-04	0.0
663	328	-0.02	-1.01e-03	-0.35	4.08e-06	-5.99e-04	-2.41e-06
663	350	4.63e-04	-7.56e-03	-0.23	-6.06e-06	-4.03e-04	-7.90e-06
663	364	-9.61e-03	-1.00e-03	-0.31	0.0	-5.26e-04	-1.51e-06
663	382	-1.39e-03	-3.75e-03	-0.25	-3.06e-06	-4.25e-04	-3.93e-06
664	25	8.26e-04	-4.03e-03	-1.04	-5.56e-04	3.13e-03	0.0
664	49	0.01	-9.94e-04	-0.38	-2.21e-04	1.13e-03	0.0
664	150	-7.13e-04	-4.25e-03	-0.96	-5.59e-04	2.90e-03	0.0
664	210	7.51e-03	-1.27e-03	-0.29	-1.71e-04	8.56e-04	0.0
664	219	-1.01e-03	-2.32e-03	-0.68	-2.41e-04	2.05e-03	0.0
664	281	-1.01e-03	-2.47e-03	-0.68	-2.43e-04	2.05e-03	0.0
664	313	6.50e-04	-1.23e-03	-0.56	-1.81e-04	1.69e-03	0.0
664	316	6.89e-03	4.57e-04	-0.19	4.94e-06	5.71e-04	0.0
664	324	3.98e-03	0.0	-0.21	0.0	6.21e-04	0.0
664	328	-8.47e-04	-4.99e-04	-0.28	3.75e-06	8.33e-04	0.0
664	333	8.80e-03	7.25e-04	-0.14	0.0	4.09e-04	0.0
664	351	2.54e-03	3.80e-03	-0.23	-5.67e-06	6.85e-04	0.0
664	364	1.57e-03	-5.03e-04	-0.25	1.67e-06	7.30e-04	0.0
664	369	6.38e-03	6.16e-04	-0.17	0.0	5.12e-04	0.0
664	383	3.26e-03	1.88e-03	-0.22	-2.83e-06	6.54e-04	0.0
665	25	5.19e-03	-2.42e-03	-0.72	-3.88e-04	3.66e-03	0.0
665	49	0.01	-6.13e-04	-0.26	-1.59e-04	1.34e-03	0.0
665	150	3.67e-03	-2.57e-03	-0.67	-3.90e-04	3.38e-03	0.0
665	210	6.92e-03	-8.00e-04	-0.20	-1.22e-04	1.02e-03	0.0
665	219	2.22e-03	-1.41e-03	-0.47	-1.65e-04	2.39e-03	0.0
665	281	2.21e-03	-1.51e-03	-0.47	-1.66e-04	2.39e-03	0.0
665	313	2.94e-03	-7.05e-04	-0.39	-1.24e-04	1.97e-03	0.0
665	316	6.00e-03	3.00e-04	-0.13	3.27e-06	6.75e-04	0.0
665	324	3.94e-03	0.0	-0.15	0.0	7.41e-04	0.0
665	328	6.13e-04	-3.35e-04	-0.20	3.11e-06	9.93e-04	0.0
665	333	7.26e-03	4.86e-04	-0.10	0.0	4.88e-04	0.0
665	351	2.95e-03	2.38e-03	-0.16	-6.41e-06	8.16e-04	0.0
665	364	2.28e-03	-3.13e-04	-0.17	1.55e-06	8.70e-04	0.0
665	369	5.59e-03	3.89e-04	-0.12	0.0	6.11e-04	0.0
665	383	3.44e-03	1.18e-03	-0.15	-3.19e-06	7.79e-04	0.0
666	25	5.60e-03	-9.07e-04	-0.37	-2.01e-04	3.96e-03	0.0
666	49	7.65e-03	-2.10e-04	-0.13	-8.42e-05	1.44e-03	0.0
666	150	4.44e-03	-9.77e-04	-0.34	-2.02e-04	3.66e-03	0.0
666	210	5.06e-03	-3.19e-04	-0.10	-6.47e-05	1.10e-03	0.0
666	219	2.89e-03	-5.59e-04	-0.24	-8.43e-05	2.58e-03	0.0

666	281	2.89e-03	-6.05e-04	-0.24	-8.50e-05	2.58e-03	0.0
666	311	4.28e-03	-3.45e-05	-0.08	-2.59e-05	8.91e-04	0.0
666	313	3.09e-03	-2.45e-04	-0.20	-6.34e-05	2.12e-03	0.0
666	324	2.99e-03	0.0	-0.07	0.0	8.02e-04	0.0
666	328	1.06e-03	-1.59e-04	-0.10	2.04e-06	1.09e-03	0.0
666	333	4.93e-03	2.32e-04	-0.05	0.0	5.19e-04	0.0
666	353	3.57e-03	1.03e-03	-0.07	-4.47e-06	7.18e-04	0.0
666	364	2.03e-03	-1.33e-04	-0.09	1.00e-06	9.47e-04	0.0
666	369	3.96e-03	1.70e-04	-0.06	0.0	6.57e-04	0.0
666	385	3.28e-03	5.10e-04	-0.07	-2.22e-06	7.59e-04	0.0
667	17	2.94e-03	-9.93e-05	-6.41e-03	-2.37e-06	1.82e-03	4.94e-05
667	49	4.28e-03	-3.38e-05	-6.67e-04	-1.79e-06	1.34e-03	3.69e-05
667	150	2.98e-03	-1.71e-04	-7.40e-04	-4.06e-06	3.60e-03	9.09e-05
667	210	2.86e-03	-5.70e-05	-4.98e-04	-1.24e-06	1.04e-03	2.85e-05
667	215	1.45e-03	-5.74e-05	-4.56e-03	0.0	1.01e-03	7.82e-06
667	282	1.87e-03	-1.11e-04	-4.02e-04	-1.02e-06	2.10e-03	2.88e-05
667	310	1.72e-03	-4.62e-05	-3.10e-04	0.0	7.64e-04	0.0
667	311	2.41e-03	-4.33e-06	-3.83e-04	0.0	8.36e-04	1.15e-05
667	312	1.61e-03	-8.36e-06	-3.49e-03	0.0	9.34e-04	6.06e-06
667	324	1.72e-03	0.0	-3.10e-04	0.0	7.64e-04	0.0
667	325	2.90e-03	3.11e-05	-2.63e-04	0.0	4.80e-04	1.29e-06
667	336	5.40e-04	-4.37e-05	-3.58e-04	0.0	1.05e-03	0.0
667	353	2.07e-03	1.60e-04	-2.97e-04	-1.61e-06	6.79e-04	2.81e-06
667	361	2.31e-03	2.03e-05	-2.87e-04	0.0	6.19e-04	0.0
667	372	1.13e-03	-2.65e-05	-3.34e-04	0.0	9.10e-04	0.0
667	385	1.90e-03	7.89e-05	-3.04e-04	0.0	7.21e-04	1.39e-06
668	25	-0.07	-4.73e-03	-1.05	-5.67e-04	-3.10e-03	0.0
668	149	-0.07	-5.07e-03	-1.05	-5.70e-04	-3.10e-03	0.0
668	219	-0.05	-3.09e-03	-0.68	-2.49e-04	-2.03e-03	0.0
668	281	-0.05	-3.32e-03	-0.68	-2.51e-04	-2.03e-03	0.0
668	313	-0.04	-1.50e-03	-0.56	-1.86e-04	-1.67e-03	0.0
668	324	-4.05e-03	0.0	-0.21	0.0	-6.16e-04	0.0
668	328	-0.02	-9.92e-04	-0.28	3.50e-06	-8.26e-04	0.0
668	350	1.03e-04	-7.15e-03	-0.19	-3.90e-06	-5.53e-04	0.0
668	364	-0.01	-9.44e-04	-0.25	0.0	-7.24e-04	0.0
668	382	-1.95e-03	-3.55e-03	-0.20	-1.99e-06	-5.84e-04	0.0
669	25	-0.08	-3.18e-03	-0.74	-3.99e-04	-3.63e-03	0.0
669	151	-0.06	-3.56e-03	-0.57	-2.42e-04	-2.82e-03	0.0
669	219	-0.05	-2.29e-03	-0.48	-1.72e-04	-2.37e-03	0.0
669	282	-0.04	-2.49e-03	-0.40	-1.30e-04	-1.96e-03	0.0
669	310	-4.02e-03	-9.86e-04	-0.15	0.0	-7.36e-04	0.0
669	313	-0.04	-9.75e-04	-0.39	-1.29e-04	-1.95e-03	0.0
669	324	-4.02e-03	0.0	-0.15	0.0	-7.36e-04	0.0
669	328	-0.02	-9.46e-04	-0.20	2.93e-06	-9.86e-04	0.0
669	350	5.31e-04	-6.52e-03	-0.13	3.66e-06	-6.61e-04	0.0
669	364	-0.01	-8.57e-04	-0.18	1.15e-06	-8.64e-04	0.0
669	382	-1.71e-03	-3.24e-03	-0.14	1.83e-06	-6.97e-04	0.0
670	25	-0.08	-1.58e-03	-0.38	-2.10e-04	-3.93e-03	0.0
670	151	-0.06	-2.35e-03	-0.30	-1.26e-04	-3.05e-03	0.0
670	219	-0.06	-1.44e-03	-0.25	-8.91e-05	-2.56e-03	0.0
670	282	-0.04	-1.74e-03	-0.21	-6.71e-05	-2.12e-03	0.0
670	310	-3.10e-03	-8.51e-04	-0.08	0.0	-7.97e-04	0.0
670	313	-0.04	-4.42e-04	-0.20	-6.72e-05	-2.11e-03	0.0
670	324	-3.10e-03	0.0	-0.08	0.0	-7.97e-04	0.0
670	328	-0.02	-8.81e-04	-0.10	2.21e-06	-1.08e-03	0.0
670	350	1.79e-03	-5.83e-03	-0.07	5.14e-06	-7.14e-04	0.0
670	364	-0.01	-7.64e-04	-0.09	1.10e-06	-9.41e-04	0.0
670	382	-6.21e-04	-2.90e-03	-0.07	2.56e-06	-7.54e-04	0.0
671	25	-0.07	-4.52e-04	-0.02	-7.43e-06	-3.87e-03	-8.50e-05
671	33	-0.02	-3.50e-05	-0.02	-6.17e-06	-1.96e-03	-5.11e-05
671	121	-5.55e-03	-1.70e-03	-4.74e-03	2.71e-06	-1.06e-03	-1.82e-06
671	219	-0.05	-7.56e-04	-0.01	-2.07e-06	-2.53e-03	-3.48e-05
671	223	-0.01	-4.47e-04	-0.01	-1.14e-06	-1.11e-03	-9.67e-06
671	282	-0.04	-1.14e-03	-9.47e-03	0.0	-2.09e-03	-2.69e-05
671	310	-1.87e-03	-7.41e-04	-3.22e-03	1.22e-06	-7.63e-04	0.0
671	313	-0.04	-1.14e-05	-9.21e-03	-2.47e-06	-2.07e-03	-2.57e-05
671	314	-9.18e-03	2.20e-04	-9.98e-03	-1.77e-06	-1.01e-03	-6.81e-06
671	324	-1.87e-03	0.0	-3.22e-03	0.0	-7.63e-04	0.0
671	328	-0.02	-8.73e-04	-5.38e-03	2.07e-06	-1.04e-03	-2.42e-06
671	350	3.20e-03	-5.57e-03	-2.57e-03	9.30e-06	-6.79e-04	-9.49e-06
671	364	-0.01	-7.37e-04	-4.31e-03	1.51e-06	-9.06e-04	-1.79e-06
671	382	6.96e-04	-2.77e-03	-2.89e-03	4.62e-06	-7.19e-04	-4.72e-06
672	25	-0.07	1.56e-05	0.10	4.13e-05	-3.87e-03	0.0
672	121	-5.66e-03	-1.67e-03	0.03	3.30e-06	-1.06e-03	0.0
672	219	-0.05	-4.86e-04	0.06	1.92e-05	-2.53e-03	0.0
672	267	-3.95e-03	-1.11e-03	0.02	2.20e-06	-7.82e-04	0.0
672	310	-1.95e-03	-7.27e-04	0.02	1.36e-06	-7.64e-04	0.0

672	313	-0.04	1.81e-04	0.05	1.34e-05	-2.07e-03	0.0
672	324	-1.95e-03	0.0	0.02	0.0	-7.64e-04	0.0
672	328	-0.02	-9.02e-04	0.03	1.14e-06	-1.04e-03	0.0
672	350	3.14e-03	-5.67e-03	0.02	8.17e-06	-6.81e-04	0.0
672	364	-0.01	-7.56e-04	0.02	1.02e-06	-9.08e-04	0.0
672	382	6.24e-04	-2.82e-03	0.02	4.06e-06	-7.21e-04	0.0
673	41	6.11e-03	-1.08e-04	-0.02	-6.09e-06	1.94e-03	5.12e-05
673	121	-8.23e-04	-1.77e-03	-3.96e-03	2.73e-06	1.05e-03	0.0
673	150	-0.07	5.57e-05	3.04e-03	-3.64e-06	1.05e-03	4.29e-05
673	227	3.98e-03	-5.20e-04	-0.01	-1.07e-06	1.10e-03	9.23e-06
673	232	0.01	-1.34e-03	-5.77e-03	0.0	2.11e-03	2.65e-05
673	281	-0.05	-3.82e-04	2.48e-03	0.0	6.54e-04	3.05e-06
673	310	1.84e-03	-7.73e-04	-3.21e-03	1.23e-06	7.66e-04	0.0
673	313	-0.03	4.06e-04	8.64e-04	0.0	6.75e-04	2.07e-06
673	315	5.10e-03	1.90e-04	-9.48e-03	-1.72e-06	1.01e-03	6.93e-06
673	324	1.84e-03	0.0	-3.21e-03	0.0	7.66e-04	0.0
673	325	0.02	1.00e-03	-5.26e-03	-1.70e-06	6.19e-04	2.41e-06
673	350	7.42e-03	-6.20e-03	-3.82e-03	1.06e-05	7.22e-04	6.00e-06
673	361	0.01	8.32e-04	-4.23e-03	-1.38e-06	6.91e-04	0.0
673	382	4.66e-03	-3.08e-03	-3.52e-03	5.25e-06	7.44e-04	2.99e-06
674	49	0.02	-4.68e-04	0.11	4.34e-05	3.90e-03	0.0
674	121	-7.11e-04	-1.69e-03	0.03	3.44e-06	1.05e-03	0.0
674	150	-0.07	-2.58e-05	0.03	1.46e-05	1.06e-03	0.0
674	231	0.02	-8.49e-04	0.07	2.07e-05	2.55e-03	0.0
674	267	-2.77e-04	-1.12e-03	0.02	2.29e-06	7.77e-04	0.0
674	281	-0.05	-5.06e-04	0.02	0.0	6.60e-04	0.0
674	310	1.92e-03	-7.36e-04	0.02	1.42e-06	7.68e-04	0.0
674	313	-0.03	2.79e-04	0.02	-1.81e-06	6.80e-04	0.0
674	316	0.01	-8.49e-05	0.06	1.45e-05	2.10e-03	0.0
674	324	1.92e-03	0.0	0.02	0.0	7.68e-04	0.0
674	325	0.02	9.35e-04	0.01	-1.06e-06	6.21e-04	0.0
674	328	-0.02	-9.35e-04	0.03	1.06e-06	9.16e-04	0.0
674	350	7.48e-03	-5.86e-03	0.02	8.65e-06	7.24e-04	0.0
674	361	0.01	7.83e-04	0.02	-1.07e-06	6.93e-04	0.0
674	364	-7.44e-03	-7.83e-04	0.02	1.07e-06	8.44e-04	0.0
674	382	4.73e-03	-2.91e-03	0.02	4.30e-06	7.45e-04	0.0
675	49	0.02	-2.41e-03	-0.38	-2.14e-04	3.96e-03	0.0
675	51	0.02	-2.85e-03	-0.29	-1.29e-04	3.08e-03	0.0
675	150	-0.06	1.90e-04	-0.10	-8.22e-05	1.13e-03	0.0
675	231	0.02	-2.12e-03	-0.25	-9.21e-05	2.58e-03	0.0
675	232	0.01	-2.15e-03	-0.20	-6.89e-05	2.14e-03	0.0
675	281	-0.05	-1.74e-04	-0.06	5.68e-06	7.08e-04	0.0
675	310	3.07e-03	-9.60e-04	-0.08	0.0	8.01e-04	0.0
675	313	-0.03	7.30e-04	-0.07	4.47e-06	7.26e-04	0.0
675	316	0.01	-8.73e-04	-0.20	-6.94e-05	2.13e-03	0.0
675	324	3.07e-03	0.0	-0.08	0.0	8.01e-04	0.0
675	325	0.02	1.75e-03	-0.06	-2.02e-06	6.57e-04	0.0
675	328	-0.02	-1.75e-03	-0.09	2.02e-06	9.45e-04	0.0
675	352	-2.66e-03	-8.05e-03	-0.08	6.66e-06	8.44e-04	0.0
675	361	0.01	1.30e-03	-0.07	-1.15e-06	7.27e-04	0.0
675	364	-6.58e-03	-1.30e-03	-0.08	1.15e-06	8.75e-04	0.0
675	384	1.73e-04	-4.00e-03	-0.08	3.33e-06	8.23e-04	0.0
676	49	0.02	-4.36e-03	-0.73	-4.08e-04	3.66e-03	0.0
676	51	0.02	-4.37e-03	-0.57	-2.47e-04	2.84e-03	0.0
676	150	-0.06	-1.94e-04	-0.20	-1.56e-04	1.06e-03	0.0
676	231	0.02	-3.27e-03	-0.48	-1.78e-04	2.39e-03	0.0
676	281	-0.05	-1.60e-04	-0.13	8.62e-06	6.68e-04	0.0
676	313	-0.03	9.38e-04	-0.13	7.64e-06	6.81e-04	0.0
676	316	0.01	-1.57e-03	-0.39	-1.33e-04	1.97e-03	0.0
676	324	3.99e-03	0.0	-0.15	0.0	7.39e-04	0.0
676	325	0.02	2.26e-03	-0.12	-3.02e-06	6.11e-04	0.0
676	328	-0.02	-2.26e-03	-0.17	3.02e-06	8.68e-04	0.0
676	352	-2.03e-03	-0.01	-0.16	8.91e-06	7.78e-04	0.0
676	361	0.01	1.66e-03	-0.14	-1.59e-06	6.73e-04	0.0
676	364	-6.14e-03	-1.66e-03	-0.16	1.59e-06	8.05e-04	0.0
676	384	9.51e-04	-5.12e-03	-0.15	4.49e-06	7.59e-04	0.0
677	49	0.02	-6.24e-03	-1.05	-5.80e-04	3.13e-03	0.0
677	150	-0.06	-6.69e-04	-0.29	-2.19e-04	8.93e-04	0.0
677	231	0.01	-4.36e-03	-0.68	-2.57e-04	2.05e-03	0.0
677	281	-0.04	-2.05e-04	-0.18	9.71e-06	5.67e-04	0.0
677	313	-0.03	1.07e-03	-0.19	9.48e-06	5.77e-04	0.0
677	316	0.01	-2.26e-03	-0.57	-1.92e-04	1.69e-03	0.0
677	324	4.02e-03	0.0	-0.21	0.0	6.19e-04	0.0
677	325	0.03	2.72e-03	-0.18	3.58e-06	5.11e-04	0.0
677	328	-0.02	-2.72e-03	-0.25	-3.58e-06	7.28e-04	0.0
677	352	-2.31e-03	-0.01	-0.22	-1.05e-05	6.52e-04	0.0
677	361	0.01	1.97e-03	-0.19	1.94e-06	5.64e-04	0.0

677	364	-6.63e-03	-1.97e-03	-0.23	-1.94e-06	6.75e-04	0.0
677	384	8.25e-04	-6.11e-03	-0.22	-5.33e-06	6.36e-04	0.0
678	49	9.41e-03	-7.56e-03	-1.31	-7.12e-04	2.37e-03	5.11e-05
678	150	-0.06	-1.01e-03	-0.37	-2.64e-04	6.60e-04	2.28e-05
678	231	5.86e-03	-5.18e-03	-0.85	-3.23e-04	1.56e-03	2.34e-05
678	281	-0.04	-2.91e-04	-0.23	9.17e-06	4.19e-04	2.41e-06
678	313	-0.03	1.14e-03	-0.24	1.01e-05	4.24e-04	1.71e-06
678	316	7.07e-03	-2.77e-03	-0.70	-2.41e-04	1.28e-03	1.76e-05
678	324	3.25e-03	0.0	-0.26	0.0	4.52e-04	0.0
678	325	0.03	3.11e-03	-0.22	3.91e-06	3.72e-04	0.0
678	328	-0.02	-3.11e-03	-0.31	-3.91e-06	5.32e-04	0.0
678	352	-3.38e-03	-0.01	-0.28	-1.20e-05	4.76e-04	3.05e-06
678	361	0.01	2.22e-03	-0.24	2.24e-06	4.11e-04	0.0
678	364	-7.90e-03	-2.22e-03	-0.28	-2.24e-06	4.93e-04	0.0
678	384	-9.58e-05	-6.89e-03	-0.27	-6.10e-06	4.64e-04	1.51e-06
679	25	-0.06	-8.65e-04	-0.38	-2.23e-04	-1.11e-03	0.0
679	49	-0.06	-6.22e-03	-1.05	-5.80e-04	-3.12e-03	0.0
679	219	-0.05	-3.86e-04	-0.19	6.61e-06	-5.49e-04	0.0
679	231	-0.04	-4.35e-03	-0.69	-2.57e-04	-2.04e-03	0.0
679	313	-0.03	7.31e-04	-0.19	5.33e-06	-5.64e-04	0.0
679	316	-0.03	-2.24e-03	-0.57	-1.93e-04	-1.68e-03	0.0
679	324	-4.04e-03	0.0	-0.21	0.0	-6.19e-04	0.0
679	328	-0.03	-2.40e-03	-0.25	1.96e-06	-7.24e-04	0.0
679	350	3.85e-03	-0.01	-0.20	-1.35e-05	-5.88e-04	0.0
679	364	-0.02	-1.71e-03	-0.23	-2.35e-06	-6.73e-04	0.0
679	382	-5.10e-05	-6.22e-03	-0.21	-6.81e-06	-6.03e-04	0.0
680	25	-0.06	-1.00e-03	-0.47	-2.65e-04	-8.08e-04	-1.79e-05
680	49	-0.05	-7.55e-03	-1.31	-7.12e-04	-2.37e-03	-5.10e-05
680	219	-0.05	-3.27e-04	-0.23	8.15e-06	-4.01e-04	1.05e-06
680	231	-0.03	-5.18e-03	-0.85	-3.23e-04	-1.56e-03	-2.35e-05
680	313	-0.03	8.74e-04	-0.24	6.97e-06	-4.12e-04	0.0
680	316	-0.02	-2.76e-03	-0.70	-2.41e-04	-1.28e-03	-1.75e-05
680	324	-3.27e-03	0.0	-0.26	0.0	-4.52e-04	0.0
680	328	-0.03	-2.64e-03	-0.31	-3.33e-06	-5.26e-04	-2.92e-06
680	350	4.43e-03	-0.01	-0.25	-1.34e-05	-4.30e-04	-4.06e-06
680	364	-0.02	-1.91e-03	-0.29	-2.44e-06	-4.90e-04	-1.30e-06
680	382	6.21e-04	-6.95e-03	-0.26	-6.79e-06	-4.40e-04	-2.02e-06
681	25	-0.06	-5.10e-04	-0.27	-1.61e-04	-1.32e-03	0.0
681	49	-0.06	-4.34e-03	-0.74	-4.08e-04	-3.65e-03	0.0
681	51	-0.05	-4.37e-03	-0.57	-2.47e-04	-2.84e-03	0.0
681	219	-0.04	-4.29e-04	-0.13	4.92e-06	-6.50e-04	0.0
681	231	-0.04	-3.26e-03	-0.48	-1.78e-04	-2.38e-03	0.0
681	313	-0.03	5.70e-04	-0.14	3.60e-06	-6.68e-04	0.0
681	316	-0.03	-1.56e-03	-0.40	-1.33e-04	-1.97e-03	0.0
681	324	-4.01e-03	0.0	-0.15	0.0	-7.39e-04	0.0
681	328	-0.03	-2.09e-03	-0.18	2.12e-06	-8.65e-04	0.0
681	350	4.07e-03	-0.01	-0.14	1.28e-05	-7.02e-04	0.0
681	364	-0.02	-1.46e-03	-0.16	1.71e-06	-8.03e-04	0.0
681	382	7.44e-05	-5.32e-03	-0.15	6.42e-06	-7.20e-04	0.0
682	49	-0.06	-2.39e-03	-0.38	-2.14e-04	-3.96e-03	0.0
682	51	-0.05	-2.86e-03	-0.30	-1.28e-04	-3.07e-03	0.0
682	231	-0.04	-2.12e-03	-0.25	-9.20e-05	-2.57e-03	0.0
682	232	-0.03	-2.16e-03	-0.21	-6.87e-05	-2.13e-03	0.0
682	310	-3.09e-03	-9.84e-04	-0.08	0.0	-8.01e-04	0.0
682	316	-0.03	-8.51e-04	-0.21	-6.95e-05	-2.13e-03	0.0
682	324	-3.09e-03	0.0	-0.08	0.0	-8.01e-04	0.0
682	328	-0.03	-1.73e-03	-0.09	1.75e-06	-9.41e-04	0.0
682	350	5.14e-03	-8.63e-03	-0.07	9.19e-06	-7.60e-04	0.0
682	364	-0.02	-1.18e-03	-0.08	1.22e-06	-8.73e-04	0.0
682	382	1.07e-03	-4.29e-03	-0.07	4.59e-06	-7.80e-04	0.0
683	49	-0.06	-9.67e-04	-0.02	-6.74e-06	-3.89e-03	-8.64e-05
683	57	-0.02	-1.09e-04	-0.02	-6.08e-06	-1.95e-03	-5.12e-05
683	121	-7.20e-03	-1.87e-03	-4.93e-03	2.94e-06	-1.05e-03	0.0
683	231	-0.04	-1.18e-03	-0.01	-1.49e-06	-2.54e-03	-3.55e-05
683	232	-0.03	-1.36e-03	-8.43e-03	0.0	-2.10e-03	-2.68e-05
683	235	-0.01	-5.47e-04	-0.01	-1.00e-06	-1.11e-03	-9.42e-06
683	310	-1.86e-03	-8.15e-04	-3.21e-03	1.32e-06	-7.66e-04	0.0
683	316	-0.03	-2.75e-04	-8.04e-03	-2.10e-06	-2.09e-03	-2.65e-05
683	317	-8.41e-03	2.01e-04	-9.89e-03	-1.74e-06	-1.02e-03	-6.90e-06
683	324	-1.86e-03	0.0	-3.21e-03	0.0	-7.66e-04	0.0
683	328	-0.03	-1.48e-03	-6.45e-03	3.04e-06	-9.05e-04	-2.02e-06
683	350	6.45e-03	-6.97e-03	-2.25e-03	1.20e-05	-7.25e-04	-4.01e-06
683	364	-0.02	-9.70e-04	-4.84e-03	1.88e-06	-8.37e-04	-1.20e-06
683	382	2.34e-03	-3.47e-03	-2.73e-03	5.95e-06	-7.45e-04	-2.00e-06
684	49	-3.50e-03	-9.10e-03	-1.51	-8.53e-04	1.36e-03	0.0
684	150	-0.06	-1.55e-03	-0.42	-3.14e-04	3.63e-04	0.0
684	231	-3.07e-03	-6.01e-03	-0.99	-3.90e-04	8.99e-04	0.0

684	281	-0.04	-3.82e-04	-0.26	8.91e-06	2.28e-04	0.0
684	313	-0.03	1.15e-03	-0.27	1.05e-05	2.30e-04	0.0
684	316	6.61e-05	-3.32e-03	-0.81	-2.92e-04	7.32e-04	0.0
684	324	1.78e-03	0.0	-0.30	0.0	2.40e-04	0.0
684	325	0.02	3.39e-03	-0.25	4.36e-06	1.94e-04	0.0
684	328	-0.02	-3.39e-03	-0.35	-4.36e-06	2.86e-04	0.0
684	352	-5.15e-03	-0.01	-0.31	-1.39e-05	2.54e-04	0.0
684	361	0.01	2.39e-03	-0.27	2.60e-06	2.17e-04	0.0
684	364	-9.88e-03	-2.39e-03	-0.32	-2.60e-06	2.64e-04	0.0
684	384	-1.72e-03	-7.43e-03	-0.31	-7.09e-06	2.47e-04	0.0
685	49	-0.02	-9.61e-03	-1.59	-9.01e-04	3.99e-06	0.0
685	149	-0.06	-1.82e-03	-0.56	-3.32e-04	1.22e-05	0.0
685	231	-0.01	-6.29e-03	-1.04	-4.14e-04	2.89e-06	0.0
685	281	-0.05	-4.84e-04	-0.28	7.89e-06	8.96e-06	0.0
685	313	-0.03	1.11e-03	-0.28	9.94e-06	6.30e-06	0.0
685	316	-8.28e-03	-3.51e-03	-0.85	-3.09e-04	1.75e-06	0.0
685	324	-9.01e-06	0.0	-0.31	0.0	0.0	0.0
685	328	-0.02	-2.79e-03	-0.36	-4.40e-06	-6.19e-06	0.0
685	350	7.19e-03	-0.02	-0.29	-1.38e-05	1.88e-06	0.0
685	364	-0.01	-2.09e-03	-0.34	-2.68e-06	-3.14e-06	0.0
685	382	3.63e-03	-7.62e-03	-0.30	-7.06e-06	0.0	0.0
686	25	-0.06	-1.31e-03	-0.54	-3.13e-04	-4.29e-04	0.0
686	49	-0.03	-9.09e-03	-1.51	-8.53e-04	-1.35e-03	0.0
686	219	-0.05	-2.41e-04	-0.27	9.90e-06	-2.10e-04	0.0
686	231	-0.02	-6.01e-03	-0.99	-3.90e-04	-8.93e-04	0.0
686	313	-0.03	1.01e-03	-0.27	8.71e-06	-2.17e-04	0.0
686	316	-0.02	-3.31e-03	-0.81	-2.92e-04	-7.29e-04	0.0
686	324	-1.80e-03	0.0	-0.30	0.0	-2.40e-04	0.0
686	328	-0.03	-2.78e-03	-0.35	-4.03e-06	-2.79e-04	0.0
686	350	5.66e-03	-0.01	-0.28	-1.36e-05	-2.29e-04	0.0
686	360	-0.01	-1.08e-03	-0.32	-1.89e-06	-2.60e-04	0.0
686	364	-0.01	-2.04e-03	-0.32	-2.59e-06	-2.60e-04	0.0
686	382	1.97e-03	-7.45e-03	-0.29	-6.94e-06	-2.34e-04	0.0
687	49	-0.06	-4.33e-04	0.10	4.33e-05	-3.89e-03	0.0
687	121	-7.31e-03	-1.80e-03	0.03	3.57e-06	-1.05e-03	0.0
687	231	-0.04	-8.53e-04	0.07	2.07e-05	-2.54e-03	0.0
687	267	-5.05e-03	-1.20e-03	0.02	2.38e-06	-7.76e-04	0.0
687	310	-1.94e-03	-7.86e-04	0.02	1.48e-06	-7.68e-04	0.0
687	316	-0.03	-5.04e-05	0.05	1.44e-05	-2.09e-03	0.0
687	324	-1.94e-03	0.0	0.02	0.0	-7.68e-04	0.0
687	326	0.03	-1.67e-03	0.02	2.00e-06	-6.31e-04	0.0
687	328	-0.03	-1.46e-03	0.02	2.48e-06	-9.07e-04	0.0
687	350	6.38e-03	-6.71e-03	0.02	8.22e-06	-7.27e-04	0.0
687	361	0.01	9.42e-04	0.02	-1.36e-06	-6.97e-04	0.0
687	364	-0.02	-9.42e-04	0.02	1.36e-06	-8.39e-04	0.0
687	382	2.26e-03	-3.33e-03	0.02	4.09e-06	-7.47e-04	0.0
688	50	-0.05	-8.09e-05	1.13e-03	-3.31e-06	1.05e-03	4.31e-05
688	73	0.03	-9.73e-04	-0.01	-6.73e-06	3.89e-03	8.65e-05
688	121	-2.28e-03	-1.86e-03	-3.77e-03	2.93e-06	1.04e-03	0.0
688	231	-0.04	-5.25e-04	1.05e-03	1.05e-06	6.56e-04	3.37e-06
688	243	0.03	-1.19e-03	-7.97e-03	-1.48e-06	2.55e-03	3.55e-05
688	244	0.02	-1.36e-03	-6.68e-03	0.0	2.10e-03	2.67e-05
688	310	1.85e-03	-8.13e-04	-3.21e-03	1.31e-06	7.66e-04	0.0
688	316	-0.03	2.16e-04	-3.04e-04	0.0	6.83e-04	2.41e-06
688	319	0.02	-2.79e-04	-7.07e-03	-2.10e-06	2.10e-03	2.65e-05
688	324	1.85e-03	0.0	-3.21e-03	0.0	7.66e-04	0.0
688	325	0.03	1.67e-03	-6.43e-03	-2.61e-06	7.42e-04	2.65e-06
688	352	-6.66e-03	-6.56e-03	-2.25e-03	1.10e-05	7.73e-04	4.09e-06
688	361	0.02	1.02e-03	-4.83e-03	-1.52e-06	7.55e-04	0.0
688	362	0.02	-9.33e-04	-4.83e-03	1.79e-06	7.55e-04	1.29e-06
688	384	-2.45e-03	-3.26e-03	-2.73e-03	5.48e-06	7.70e-04	2.03e-06
689	50	-0.05	-2.07e-04	0.03	1.44e-05	1.06e-03	0.0
689	73	0.04	-4.39e-04	0.10	4.33e-05	3.89e-03	0.0
689	122	-2.91e-03	-1.80e-03	0.02	3.46e-06	7.49e-04	0.0
689	231	-0.04	-6.86e-04	0.02	0.0	6.61e-04	0.0
689	243	0.03	-8.58e-04	0.07	2.07e-05	2.54e-03	0.0
689	267	-1.24e-03	-1.20e-03	0.02	2.31e-06	7.68e-04	0.0
689	310	1.93e-03	-7.85e-04	0.02	1.43e-06	7.68e-04	0.0
689	316	-0.03	7.44e-05	0.02	-1.60e-06	6.87e-04	0.0
689	319	0.02	-5.45e-05	0.06	1.45e-05	2.10e-03	0.0
689	324	1.93e-03	0.0	0.02	0.0	7.68e-04	0.0
689	325	0.03	1.66e-03	0.02	-1.88e-06	7.43e-04	0.0
689	336	-0.03	-1.46e-03	0.02	2.30e-06	7.93e-04	0.0
689	349	0.01	6.58e-03	0.02	-7.95e-06	7.61e-04	0.0
689	361	0.02	1.03e-03	0.02	-1.09e-06	7.56e-04	0.0
689	371	-0.01	1.03e-03	0.02	-1.09e-06	7.80e-04	0.0
689	381	6.23e-03	3.27e-03	0.02	-3.95e-06	7.64e-04	0.0

690	50	-0.05	2.02e-04	-0.10	-7.98e-05	1.13e-03	0.0
690	73	0.04	-2.39e-03	-0.38	-2.14e-04	3.96e-03	0.0
690	75	0.03	-2.86e-03	-0.29	-1.28e-04	3.07e-03	0.0
690	231	-0.04	-1.97e-04	-0.06	7.62e-06	7.09e-04	0.0
690	243	0.03	-2.12e-03	-0.25	-9.20e-05	2.58e-03	0.0
690	244	0.02	-2.16e-03	-0.20	-6.85e-05	2.13e-03	0.0
690	310	3.08e-03	-9.76e-04	-0.08	0.0	8.01e-04	0.0
690	316	-0.02	5.84e-04	-0.07	5.16e-06	7.32e-04	0.0
690	319	0.02	-8.57e-04	-0.21	-6.95e-05	2.13e-03	0.0
690	324	3.08e-03	0.0	-0.08	0.0	8.01e-04	0.0
690	325	0.03	1.91e-03	-0.08	-4.28e-06	7.82e-04	0.0
690	334	0.03	-1.91e-03	-0.08	4.28e-06	7.84e-04	0.0
690	352	-5.48e-03	-7.11e-03	-0.08	9.68e-06	8.07e-04	0.0
690	361	0.02	1.09e-03	-0.08	-1.56e-06	7.92e-04	0.0
690	370	0.02	-1.09e-03	-0.08	1.56e-06	7.92e-04	0.0
690	384	-1.25e-03	-3.53e-03	-0.08	4.81e-06	8.04e-04	0.0
691	50	-0.05	-3.82e-05	-0.21	-1.52e-04	1.06e-03	0.0
691	73	0.04	-4.34e-03	-0.73	-4.08e-04	3.66e-03	0.0
691	75	0.03	-4.36e-03	-0.57	-2.46e-04	2.84e-03	0.0
691	231	-0.03	-7.11e-05	-0.13	1.18e-05	6.68e-04	0.0
691	243	0.03	-3.26e-03	-0.48	-1.78e-04	2.38e-03	0.0
691	319	0.02	-1.56e-03	-0.40	-1.34e-04	1.97e-03	0.0
691	324	4.00e-03	0.0	-0.15	0.0	7.39e-04	0.0
691	325	0.03	2.27e-03	-0.15	-6.75e-06	7.29e-04	0.0
691	334	0.03	-2.27e-03	-0.15	6.75e-06	7.30e-04	0.0
691	352	-4.64e-03	-8.05e-03	-0.15	1.10e-05	7.42e-04	0.0
691	361	0.02	1.22e-03	-0.15	-1.73e-06	7.34e-04	0.0
691	370	0.02	-1.22e-03	-0.15	1.73e-06	7.34e-04	0.0
691	384	-3.65e-04	-4.00e-03	-0.15	5.50e-06	7.41e-04	0.0
692	50	-0.04	-3.87e-04	-0.30	-2.14e-04	8.92e-04	0.0
692	73	0.03	-6.22e-03	-1.05	-5.80e-04	3.12e-03	0.0
692	231	-0.03	-2.03e-05	-0.19	1.40e-05	5.67e-04	0.0
692	243	0.02	-4.34e-03	-0.68	-2.57e-04	2.05e-03	0.0
692	319	0.02	-2.25e-03	-0.57	-1.93e-04	1.69e-03	0.0
692	321	0.02	7.70e-04	-0.20	6.24e-06	5.75e-04	0.0
692	324	4.03e-03	0.0	-0.21	0.0	6.19e-04	0.0
692	325	0.03	2.59e-03	-0.21	-8.52e-06	6.15e-04	0.0
692	334	0.03	-2.59e-03	-0.21	8.52e-06	6.16e-04	0.0
692	352	-4.69e-03	-8.90e-03	-0.21	9.83e-06	6.21e-04	0.0
692	361	0.02	1.35e-03	-0.21	-1.53e-06	6.17e-04	0.0
692	370	0.02	-1.35e-03	-0.21	1.53e-06	6.17e-04	0.0
692	384	-3.73e-04	-4.42e-03	-0.21	4.91e-06	6.20e-04	0.0
693	50	-0.04	-6.18e-04	-0.37	-2.57e-04	6.58e-04	2.31e-05
693	73	0.02	-7.55e-03	-1.30	-7.13e-04	2.37e-03	5.10e-05
693	231	-0.03	-2.73e-05	-0.23	1.44e-05	4.18e-04	2.79e-06
693	243	0.02	-5.16e-03	-0.85	-3.23e-04	1.56e-03	2.34e-05
693	319	0.02	-2.77e-03	-0.70	-2.42e-04	1.28e-03	1.75e-05
693	321	0.02	9.14e-04	-0.24	8.12e-06	4.20e-04	-1.22e-06
693	324	3.26e-03	0.0	-0.26	0.0	4.52e-04	0.0
693	325	0.03	2.85e-03	-0.26	-9.65e-06	4.47e-04	4.55e-06
693	334	0.03	-2.85e-03	-0.26	9.65e-06	4.48e-04	-4.55e-06
693	352	-5.52e-03	-9.57e-03	-0.26	-7.63e-06	4.53e-04	7.54e-06
693	361	0.02	1.44e-03	-0.26	1.12e-06	4.50e-04	0.0
693	370	0.02	-1.44e-03	-0.26	-1.12e-06	4.50e-04	0.0
693	384	-1.18e-03	-4.76e-03	-0.26	-3.84e-06	4.53e-04	3.74e-06
694	49	-0.05	-8.42e-04	-0.38	-2.22e-04	-1.11e-03	0.0
694	73	-0.04	-6.22e-03	-1.05	-5.80e-04	-3.12e-03	0.0
694	231	-0.03	-3.57e-04	-0.19	7.89e-06	-5.54e-04	0.0
694	243	-0.03	-4.34e-03	-0.68	-2.57e-04	-2.04e-03	0.0
694	316	-0.02	7.37e-04	-0.20	5.99e-06	-5.71e-04	0.0
694	319	-0.02	-2.25e-03	-0.57	-1.93e-04	-1.69e-03	0.0
694	324	-4.03e-03	0.0	-0.21	0.0	-6.19e-04	0.0
694	328	-0.03	-2.49e-03	-0.21	6.99e-06	-6.16e-04	0.0
694	348	-0.01	-8.46e-03	-0.21	2.37e-05	-6.19e-04	0.0
694	364	-0.02	-1.16e-03	-0.21	1.35e-06	-6.17e-04	0.0
694	380	-8.44e-03	-4.42e-03	-0.21	4.91e-06	-6.19e-04	0.0
695	49	-0.05	-9.86e-04	-0.47	-2.63e-04	-8.12e-04	-1.74e-05
695	73	-0.03	-7.55e-03	-1.30	-7.13e-04	-2.37e-03	-5.10e-05
695	231	-0.03	-3.00e-04	-0.23	9.76e-06	-4.05e-04	1.46e-06
695	243	-0.02	-5.16e-03	-0.85	-3.23e-04	-1.56e-03	-2.34e-05
695	316	-0.02	8.75e-04	-0.24	7.79e-06	-1.17e-04	1.17e-06
695	319	-0.02	-2.77e-03	-0.70	-2.42e-04	-1.28e-03	-1.75e-05
695	324	-3.26e-03	0.0	-0.26	0.0	-4.52e-04	0.0
695	328	-0.03	-2.75e-03	-0.26	8.22e-06	-4.48e-04	-6.53e-06
695	348	-0.01	-9.26e-03	-0.26	2.77e-05	-4.52e-04	-1.59e-05
695	364	-0.02	-1.31e-03	-0.26	-1.39e-06	-4.50e-04	-1.64e-06
695	380	-7.69e-03	-4.76e-03	-0.26	-3.84e-06	-4.51e-04	-3.74e-06

696	49	-0.05	-4.86e-04	-0.27	-1.60e-04	-1.32e-03	0.0
696	73	-0.05	-4.34e-03	-0.74	-4.08e-04	-3.65e-03	0.0
696	75	-0.04	-4.36e-03	-0.57	-2.46e-04	-2.83e-03	0.0
696	231	-0.03	-4.03e-04	-0.13	5.84e-06	-6.55e-04	0.0
696	243	-0.03	-3.26e-03	-0.48	-1.78e-04	-2.38e-03	0.0
696	316	-0.02	5.78e-04	-0.14	4.07e-06	-6.76e-04	0.0
696	319	-0.02	-1.56e-03	-0.40	-1.34e-04	-1.97e-03	0.0
696	324	-4.00e-03	0.0	-0.15	0.0	-7.39e-04	0.0
696	328	-0.03	-2.25e-03	-0.15	5.74e-06	-7.30e-04	0.0
696	342	4.02e-03	-7.70e-03	-0.15	1.98e-05	-7.44e-04	0.0
696	364	-0.02	-9.76e-04	-0.15	1.25e-06	-7.34e-04	0.0
696	374	3.65e-04	-4.00e-03	-0.15	5.50e-06	-7.41e-04	0.0
697	73	-0.05	-2.39e-03	-0.38	-2.14e-04	-3.95e-03	0.0
697	75	-0.04	-2.86e-03	-0.30	-1.28e-04	-3.07e-03	0.0
697	243	-0.03	-2.12e-03	-0.25	-9.20e-05	-2.57e-03	0.0
697	244	-0.03	-2.16e-03	-0.21	-6.85e-05	-2.13e-03	0.0
697	310	-3.08e-03	-9.76e-04	-0.08	0.0	-8.01e-04	0.0
697	319	-0.02	-8.57e-04	-0.21	-6.95e-05	-2.13e-03	0.0
697	324	-3.08e-03	0.0	-0.08	0.0	-8.01e-04	0.0
697	328	-0.03	-2.12e-03	-0.08	4.43e-06	-7.84e-04	0.0
697	342	4.84e-03	-7.29e-03	-0.08	1.57e-05	-8.09e-04	0.0
697	364	-0.02	-7.77e-04	-0.08	0.0	-7.92e-04	0.0
697	374	1.25e-03	-3.53e-03	-0.08	4.81e-06	-8.04e-04	0.0
698	73	-0.04	-9.73e-04	-0.01	-6.73e-06	-3.89e-03	-8.65e-05
698	81	-0.02	-1.08e-04	-0.02	-6.08e-06	-1.93e-03	-5.12e-05
698	141	-0.01	-1.86e-03	-5.26e-03	2.94e-06	-1.02e-03	0.0
698	243	-0.03	-1.19e-03	-8.74e-03	-1.48e-06	-2.54e-03	-3.55e-05
698	244	-0.03	-1.36e-03	-7.45e-03	0.0	-2.10e-03	-2.67e-05
698	247	-0.01	-5.45e-04	-0.01	-1.01e-06	-1.10e-03	-9.36e-06
698	310	-1.85e-03	-8.13e-04	-3.21e-03	1.31e-06	-7.66e-04	0.0
698	320	-7.16e-03	2.01e-04	-9.73e-03	-1.74e-06	-1.01e-03	-6.90e-06
698	321	0.02	2.19e-04	-7.49e-04	0.0	-6.90e-04	-2.53e-06
698	324	-1.85e-03	0.0	-3.21e-03	0.0	-7.66e-04	0.0
698	328	-0.03	-2.24e-03	-6.44e-03	4.13e-06	-7.44e-04	-6.35e-06
698	342	6.02e-03	-7.78e-03	-2.32e-03	1.28e-05	-7.75e-04	-1.66e-05
698	364	-0.02	-6.22e-04	-4.83e-03	1.27e-06	-7.55e-04	-1.22e-06
698	374	2.45e-03	-3.26e-03	-2.73e-03	5.48e-06	-7.70e-04	-2.03e-06
699	50	-0.04	-1.10e-03	-0.42	-3.07e-04	3.60e-04	0.0
699	73	0.01	-9.09e-03	-1.51	-8.53e-04	1.36e-03	0.0
699	231	-0.03	-6.66e-05	-0.27	1.44e-05	2.26e-04	0.0
699	243	7.42e-03	-5.99e-03	-0.99	-3.90e-04	8.96e-04	0.0
699	319	8.39e-03	-3.32e-03	-0.82	-2.92e-04	7.32e-04	0.0
699	321	0.02	1.05e-03	-0.28	1.01e-05	2.22e-04	0.0
699	324	1.79e-03	0.0	-0.30	0.0	2.40e-04	0.0
699	325	0.03	3.01e-03	-0.30	-1.06e-05	2.47e-04	0.0
699	336	-0.03	-2.98e-03	-0.30	1.05e-05	2.33e-04	0.0
699	344	-7.55e-03	-9.99e-03	-0.30	3.51e-05	2.39e-04	0.0
699	361	0.02	1.49e-03	-0.30	1.09e-06	2.44e-04	0.0
699	372	-0.01	-1.48e-03	-0.30	-1.14e-06	2.36e-04	0.0
699	384	-2.67e-03	-4.95e-03	-0.30	-3.71e-06	2.39e-04	0.0
700	49	-0.05	-1.32e-03	-0.56	-3.24e-04	8.90e-06	0.0
700	73	-4.78e-03	-9.60e-03	-1.59	-9.01e-04	1.01e-06	0.0
700	231	-0.03	-1.38e-04	-0.28	1.35e-05	6.51e-06	0.0
700	243	-3.17e-03	-6.27e-03	-1.04	-4.14e-04	0.0	0.0
700	316	-0.02	1.09e-03	-0.29	1.10e-05	4.38e-06	0.0
700	319	0.0	-3.51e-03	-0.86	-3.09e-04	0.0	0.0
700	324	0.0	0.0	-0.31	0.0	0.0	0.0
700	328	-0.03	-3.05e-03	-0.31	1.06e-05	-8.33e-06	0.0
700	342	8.28e-03	-0.01	-0.31	3.53e-05	3.57e-06	0.0
700	344	-9.38e-03	-0.01	-0.31	3.53e-05	-1.60e-06	0.0
700	364	-0.01	-1.49e-03	-0.31	-1.25e-06	-4.31e-06	0.0
700	374	4.46e-03	-4.97e-03	-0.31	-4.18e-06	1.29e-06	0.0
700	384	-4.46e-03	-4.97e-03	-0.31	-4.18e-06	-1.29e-06	0.0
701	49	-0.05	-1.30e-03	-0.54	-3.10e-04	-4.33e-04	0.0
701	73	-0.02	-9.09e-03	-1.51	-8.53e-04	-1.35e-03	0.0
701	231	-0.03	-2.21e-04	-0.27	1.18e-05	-2.13e-04	0.0
701	243	-0.01	-5.99e-03	-0.99	-3.90e-04	-8.95e-04	0.0
701	316	-0.02	1.00e-03	-0.27	9.69e-06	-2.20e-04	0.0
701	319	-8.39e-03	-3.32e-03	-0.82	-2.92e-04	-7.32e-04	0.0
701	324	-1.79e-03	0.0	-0.30	0.0	-2.40e-04	0.0
701	326	0.03	-2.98e-03	-0.30	9.88e-06	-2.33e-04	0.0
701	328	-0.03	-2.95e-03	-0.30	9.77e-06	-2.48e-04	0.0
701	348	-0.01	-9.89e-03	-0.30	3.28e-05	-2.44e-04	0.0
701	358	0.01	-1.49e-03	-0.30	-1.09e-06	-2.36e-04	0.0
701	364	-0.02	-1.43e-03	-0.30	-1.40e-06	-2.44e-04	0.0
701	380	-6.24e-03	-4.95e-03	-0.30	-3.71e-06	-2.41e-04	0.0
702	73	-0.04	-4.39e-04	0.10	4.33e-05	-3.89e-03	0.0

702	141	-0.01	-1.80e-03	0.03	3.47e-06	-1.02e-03	0.0
702	243	-0.03	-8.58e-04	0.07	2.07e-05	-2.54e-03	0.0
702	282	-0.02	-1.21e-03	0.01	2.40e-06	-6.82e-04	0.0
702	310	-1.93e-03	-7.85e-04	0.02	1.43e-06	-7.68e-04	0.0
702	319	-0.02	-5.45e-05	0.06	1.45e-05	-2.10e-03	0.0
702	321	0.02	7.03e-05	0.02	-1.79e-06	-6.94e-04	0.0
702	324	-1.93e-03	0.0	0.02	0.0	-7.68e-04	0.0
702	325	0.03	2.34e-03	0.02	-3.48e-06	-7.92e-04	0.0
702	328	-0.03	-2.34e-03	0.02	3.48e-06	-7.45e-04	0.0
702	342	5.93e-03	-8.16e-03	0.02	1.08e-05	-7.77e-04	0.0
702	362	0.01	-6.92e-04	0.02	0.0	-7.80e-04	0.0
702	364	-0.02	-5.94e-04	0.02	0.0	-7.56e-04	0.0
702	374	2.36e-03	-3.27e-03	0.02	3.95e-06	-7.72e-04	0.0
703	89	0.04	-1.01e-03	-0.01	-7.13e-06	3.86e-03	8.94e-05
703	141	-4.87e-03	-1.87e-03	-3.43e-03	2.94e-06	1.01e-03	0.0
703	251	0.03	-1.22e-03	-9.58e-03	-1.78e-06	2.52e-03	3.77e-05
703	252	0.02	-1.39e-03	-7.89e-03	0.0	2.08e-03	2.84e-05
703	310	1.86e-03	-8.15e-04	-3.21e-03	1.32e-06	7.66e-04	0.0
703	321	0.03	-3.01e-04	-8.28e-03	-2.32e-06	2.09e-03	2.81e-05
703	324	1.86e-03	0.0	-3.21e-03	0.0	7.66e-04	0.0
703	325	0.03	2.96e-03	-6.46e-03	-5.12e-06	8.99e-04	-4.72e-06
703	344	-7.11e-03	-9.49e-03	-2.16e-03	1.76e-05	7.44e-04	1.90e-05
703	361	0.02	7.08e-04	-4.84e-03	-1.05e-06	8.37e-04	0.0
703	362	0.02	-5.80e-04	-4.84e-03	1.22e-06	8.37e-04	1.08e-06
703	376	-2.34e-03	-3.47e-03	-2.73e-03	5.95e-06	7.45e-04	2.00e-06
704	89	0.05	-4.58e-04	0.10	4.45e-05	3.86e-03	0.0
704	141	-4.75e-03	-1.80e-03	0.03	3.57e-06	1.02e-03	0.0
704	251	0.03	-8.72e-04	0.07	2.16e-05	2.52e-03	0.0
704	282	-0.02	-1.21e-03	0.02	2.40e-06	6.91e-04	0.0
704	310	1.94e-03	-7.86e-04	0.02	1.48e-06	7.68e-04	0.0
704	321	0.03	-6.42e-05	0.05	1.51e-05	2.09e-03	0.0
704	324	1.94e-03	0.0	0.02	0.0	7.68e-04	0.0
704	325	0.03	2.71e-03	0.02	-4.98e-06	9.00e-04	0.0
704	328	-0.03	-2.71e-03	0.02	4.98e-06	6.36e-04	0.0
704	344	-7.03e-03	-8.71e-03	0.02	1.73e-05	7.46e-04	0.0
704	361	0.02	6.91e-04	0.02	0.0	8.39e-04	0.0
704	363	-0.01	5.84e-04	0.02	0.0	6.97e-04	0.0
704	376	-2.26e-03	-3.33e-03	0.02	4.09e-06	7.47e-04	0.0
705	89	0.05	-2.51e-03	-0.38	-2.24e-04	3.92e-03	0.0
705	91	0.03	-2.95e-03	-0.29	-1.35e-04	3.04e-03	0.0
705	210	0.03	-1.18e-04	-0.10	-6.44e-05	1.04e-03	0.0
705	251	0.03	-2.21e-03	-0.25	-9.90e-05	2.55e-03	0.0
705	252	0.02	-2.23e-03	-0.20	-7.39e-05	2.11e-03	0.0
705	310	3.09e-03	-9.84e-04	-0.08	0.0	8.01e-04	0.0
705	321	0.03	-9.19e-04	-0.21	-7.47e-05	2.12e-03	0.0
705	324	3.09e-03	0.0	-0.08	0.0	8.01e-04	0.0
705	325	0.03	4.28e-03	-0.09	9.36e-06	9.34e-04	0.0
705	326	0.03	-3.90e-03	-0.09	-9.94e-06	9.46e-04	0.0
705	344	-5.78e-03	-0.01	-0.07	-3.21e-05	7.79e-04	0.0
705	361	0.02	8.43e-04	-0.08	-1.33e-06	8.73e-04	0.0
705	362	0.02	-6.55e-04	-0.08	1.04e-06	8.73e-04	0.0
705	376	-1.07e-03	-4.29e-03	-0.07	4.59e-06	7.80e-04	0.0
706	89	0.04	-4.50e-03	-0.73	-4.22e-04	3.57e-03	0.0
706	105	0.05	-4.57e-04	-0.27	-1.61e-04	1.31e-03	0.0
706	210	0.04	-4.23e-04	-0.20	-1.21e-04	9.72e-04	0.0
706	251	0.03	-3.38e-03	-0.48	-1.89e-04	2.32e-03	0.0
706	311	0.03	5.08e-04	-0.16	-4.72e-05	8.05e-04	0.0
706	321	0.03	-1.65e-03	-0.40	-1.42e-04	1.93e-03	0.0
706	324	4.01e-03	0.0	-0.15	0.0	7.39e-04	0.0
706	325	0.03	5.84e-03	-0.17	1.72e-05	8.70e-04	0.0
706	326	0.03	-5.36e-03	-0.18	-1.80e-05	8.59e-04	0.0
706	344	-4.67e-03	-0.02	-0.14	-5.86e-05	6.84e-04	0.0
706	362	0.02	-7.89e-04	-0.16	1.42e-06	8.03e-04	0.0
706	376	-7.44e-05	-5.32e-03	-0.15	6.42e-06	7.20e-04	0.0
707	89	0.04	-6.29e-03	-1.04	-5.89e-04	2.87e-03	0.0
707	105	0.05	-8.00e-04	-0.38	-2.23e-04	1.10e-03	0.0
707	210	0.04	-7.15e-04	-0.28	-1.68e-04	8.17e-04	0.0
707	251	0.03	-4.41e-03	-0.68	-2.64e-04	1.86e-03	0.0
707	311	0.03	5.18e-04	-0.23	-6.51e-05	6.77e-04	0.0
707	321	0.02	-2.28e-03	-0.56	-1.98e-04	1.55e-03	0.0
707	324	4.04e-03	0.0	-0.21	0.0	6.19e-04	0.0
707	325	0.03	7.28e-03	-0.25	2.39e-05	7.20e-04	0.0
707	326	0.03	-6.70e-03	-0.25	-2.51e-05	7.28e-04	0.0
707	344	-4.41e-03	-0.02	-0.21	-8.15e-05	6.01e-04	0.0
707	362	0.02	-9.14e-04	-0.23	1.46e-06	6.73e-04	0.0
707	376	5.10e-05	-6.22e-03	-0.21	-6.81e-06	6.03e-04	0.0
708	89	0.03	-7.31e-03	-1.26	-6.97e-04	1.94e-03	4.20e-05

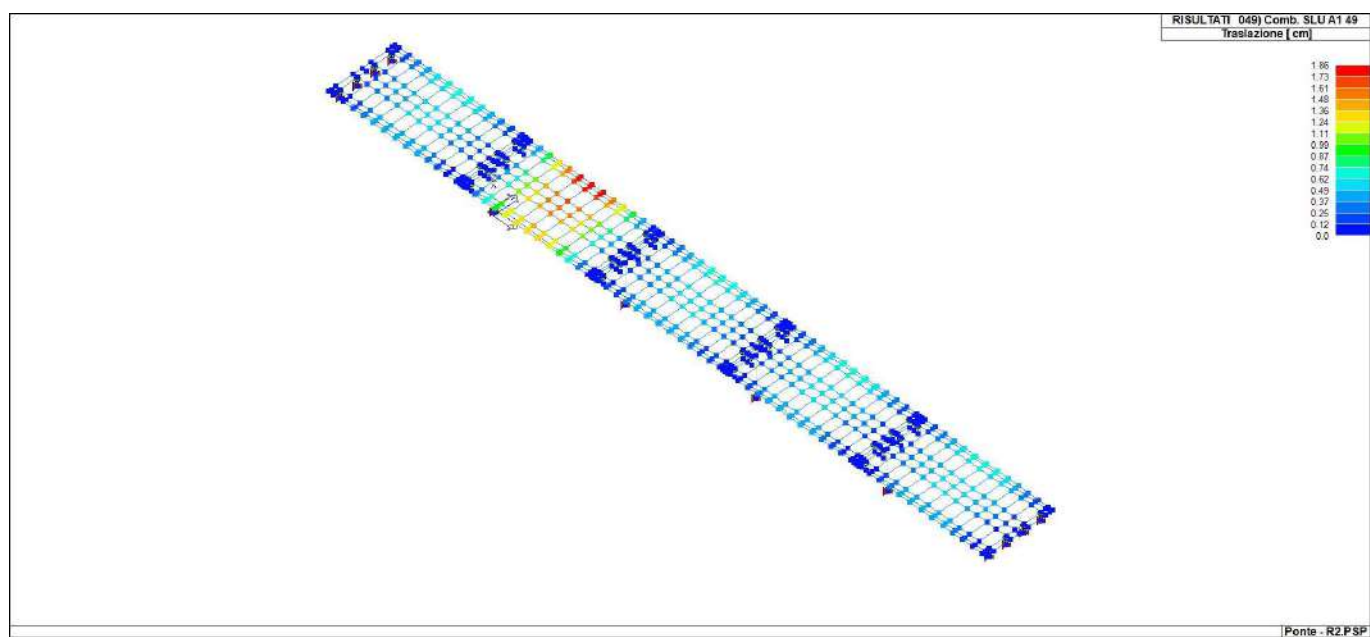
708	105	0.05	-9.29e-04	-0.47	-2.64e-04	8.08e-04	1.77e-05
708	210	0.04	-8.44e-04	-0.35	-1.99e-04	5.98e-04	1.37e-05
708	251	0.02	-5.00e-03	-0.82	-3.12e-04	1.24e-03	1.68e-05
708	311	0.03	5.72e-04	-0.29	-7.69e-05	4.95e-04	5.11e-06
708	321	0.02	-2.63e-03	-0.68	-2.33e-04	1.05e-03	1.25e-05
708	324	3.27e-03	0.0	-0.26	0.0	4.52e-04	0.0
708	325	0.03	8.28e-03	-0.31	2.88e-05	5.29e-04	-1.79e-06
708	326	0.03	-7.63e-03	-0.31	-3.03e-05	5.23e-04	4.35e-06
708	344	-4.94e-03	-0.03	-0.25	-9.82e-05	4.20e-04	9.85e-06
708	362	0.02	-1.02e-03	-0.29	-1.98e-06	4.90e-04	1.61e-06
708	376	-6.21e-04	-6.95e-03	-0.26	-6.79e-06	4.40e-04	2.02e-06
709	97	-0.02	-6.30e-03	-1.04	-5.89e-04	-2.87e-03	0.0
709	106	0.05	-2.11e-04	-0.29	-2.15e-04	-8.86e-04	0.0
709	255	-0.01	-4.41e-03	-0.67	-2.64e-04	-1.86e-03	0.0
709	259	0.04	1.03e-04	-0.18	1.28e-05	-5.63e-04	0.0
709	322	-8.45e-03	-2.29e-03	-0.56	-1.98e-04	-1.55e-03	0.0
709	323	0.03	1.09e-03	-0.19	1.02e-05	-5.81e-04	0.0
709	324	-4.02e-03	0.0	-0.21	0.0	-6.19e-04	0.0
709	325	0.02	5.07e-03	-0.25	2.08e-05	-7.31e-04	0.0
709	327	-0.03	5.69e-03	-0.18	2.23e-05	-5.15e-04	0.0
709	342	2.75e-03	-0.02	-0.22	-7.21e-05	-6.40e-04	0.0
709	362	6.63e-03	-1.20e-03	-0.23	-2.31e-06	-6.75e-04	0.0
709	363	-0.01	1.20e-03	-0.19	2.31e-06	-5.64e-04	0.0
709	374	-8.25e-04	-6.11e-03	-0.22	-5.33e-06	-6.36e-04	0.0
710	97	-9.56e-03	-7.32e-03	-1.25	-6.97e-04	-1.94e-03	-4.21e-05
710	106	0.05	-4.69e-04	-0.36	-2.58e-04	-6.54e-04	-2.28e-05
710	255	-5.40e-03	-5.00e-03	-0.81	-3.12e-04	-1.24e-03	-1.67e-05
710	259	0.03	7.09e-05	-0.23	1.32e-05	-4.15e-04	-2.48e-06
710	322	-3.00e-03	-2.63e-03	-0.68	-2.33e-04	-1.55e-03	-1.26e-05
710	323	0.03	1.17e-03	-0.24	1.09e-05	-4.27e-04	-1.89e-06
710	324	-3.25e-03	0.0	-0.26	0.0	-4.52e-04	0.0
710	325	0.02	6.05e-03	-0.31	2.58e-05	-5.35e-04	4.30e-06
710	327	-0.03	6.74e-03	-0.22	2.76e-05	-3.75e-04	1.99e-06
710	342	3.78e-03	-0.02	-0.27	-8.92e-05	-4.65e-04	-1.01e-05
710	358	7.90e-03	-2.22e-03	-0.28	-2.24e-06	-4.93e-04	0.0
710	363	-0.01	1.34e-03	-0.24	2.15e-06	-4.11e-04	0.0
710	374	9.58e-05	-6.89e-03	-0.27	-6.10e-06	-6.64e-04	-1.51e-06
711	97	-0.03	-4.52e-03	-0.73	-4.22e-04	-3.57e-03	0.0
711	106	0.05	1.68e-04	-0.20	-1.53e-04	-1.05e-03	0.0
711	255	-0.02	-3.39e-03	-0.47	-1.89e-04	-2.32e-03	0.0
711	259	0.04	8.24e-05	-0.13	1.08e-05	-6.63e-04	0.0
711	322	-0.01	-1.66e-03	-0.39	-1.41e-04	-1.93e-03	0.0
711	323	0.03	9.43e-04	-0.13	8.22e-06	-6.87e-04	0.0
711	324	-3.99e-03	0.0	-0.15	0.0	-7.39e-04	0.0
711	325	0.02	3.99e-03	-0.17	1.58e-05	-8.72e-04	0.0
711	327	-0.02	4.51e-03	-0.13	1.47e-05	-6.15e-04	0.0
711	342	2.48e-03	-0.01	-0.15	-5.06e-05	-7.63e-04	0.0
711	362	6.14e-03	-1.03e-03	-0.16	2.10e-06	-8.05e-04	0.0
711	363	-0.01	1.03e-03	-0.14	-2.10e-06	-6.73e-04	0.0
711	374	-9.51e-04	-5.12e-03	-0.15	4.49e-06	-7.59e-04	0.0
712	97	-0.03	-2.53e-03	-0.38	-2.24e-04	-3.92e-03	0.0
712	99	-0.02	-2.94e-03	-0.29	-1.36e-04	-3.04e-03	0.0
712	106	0.05	4.42e-04	-0.10	-8.07e-05	-1.12e-03	0.0
712	255	-0.02	-2.21e-03	-0.25	-9.91e-05	-2.55e-03	0.0
712	256	-0.02	-2.22e-03	-0.20	-7.41e-05	-2.11e-03	0.0
712	259	0.04	-9.02e-06	-0.06	6.76e-06	-7.02e-04	0.0
712	310	-3.07e-03	-9.60e-04	-0.08	0.0	-8.01e-04	0.0
712	322	-0.01	-9.40e-04	-0.20	-7.46e-05	-2.12e-03	0.0
712	323	0.03	7.13e-04	-0.07	4.80e-06	-7.33e-04	0.0
712	324	-3.07e-03	0.0	-0.08	0.0	-8.01e-04	0.0
712	325	0.02	2.85e-03	-0.09	8.60e-06	-9.50e-04	0.0
712	327	-0.02	3.27e-03	-0.07	7.93e-06	-6.62e-04	0.0
712	342	3.12e-03	-0.01	-0.08	-2.75e-05	-8.28e-04	0.0
712	362	6.58e-03	-8.37e-04	-0.08	1.47e-06	-8.75e-04	0.0
712	363	-0.01	8.37e-04	-0.07	-1.47e-06	-7.27e-04	0.0
712	374	-1.73e-04	-4.00e-03	-0.08	3.33e-06	-8.23e-04	0.0
713	97	-0.03	-1.05e-03	-0.01	-7.07e-06	-3.86e-03	-8.95e-05
713	106	0.05	1.95e-04	1.16e-03	-3.98e-06	-1.04e-03	-4.28e-05
713	141	-7.23e-03	-1.77e-03	-4.90e-03	2.73e-06	-1.01e-03	0.0
713	255	-0.02	-1.22e-03	-7.82e-03	-1.79e-06	-2.52e-03	-3.76e-05
713	256	-0.01	-1.36e-03	-6.73e-03	0.0	-2.08e-03	-2.82e-05
713	259	0.04	-2.95e-04	1.15e-03	0.0	-6.47e-04	-3.03e-06
713	310	-1.84e-03	-7.73e-04	-3.21e-03	1.23e-06	-7.66e-04	0.0
713	322	-0.01	-3.32e-04	-6.47e-03	-2.27e-06	-2.09e-03	-2.82e-05
713	323	0.03	3.58e-04	2.51e-04	0.0	-6.84e-04	-2.28e-06
713	324	-1.84e-03	0.0	-3.21e-03	0.0	-7.66e-04	0.0
713	327	-0.02	1.94e-03	-5.27e-03	-3.42e-06	-6.25e-04	5.22e-06

713	344	-6.96e-03	-7.09e-03	-3.72e-03	1.27e-05	-7.06e-04	-2.03e-05
713	363	-0.01	5.24e-04	-4.23e-03	0.0	-6.91e-04	0.0
713	376	-4.66e-03	-3.08e-03	-3.52e-03	5.25e-06	-7.44e-04	-2.99e-06
714	89	0.02	-8.43e-03	-1.41	-7.98e-04	8.19e-04	0.0
714	105	0.05	-1.23e-03	-0.53	-3.11e-04	4.31e-04	0.0
714	210	0.04	-1.10e-03	-0.39	-2.35e-04	3.19e-04	0.0
714	251	0.01	-5.52e-03	-0.91	-3.50e-04	4.99e-04	0.0
714	321	0.01	-2.95e-03	-0.76	-2.61e-04	4.35e-04	0.0
714	323	0.03	1.05e-03	-0.27	9.41e-06	2.19e-04	0.0
714	324	1.80e-03	0.0	-0.30	0.0	2.40e-04	0.0
714	326	0.03	-7.99e-03	-0.35	-3.44e-05	2.76e-04	0.0
714	344	-5.19e-03	-0.03	-0.29	-1.11e-04	2.21e-04	0.0
714	362	0.01	-1.08e-03	-0.32	-1.89e-06	2.60e-04	0.0
714	376	-1.97e-03	-7.45e-03	-0.29	-6.94e-06	2.34e-04	0.0
715	89	1.53e-03	-8.47e-03	-1.42	-8.06e-04	-3.62e-04	0.0
715	105	0.05	-1.22e-03	-0.56	-3.25e-04	-9.04e-06	0.0
715	251	1.44e-03	-5.45e-03	-0.91	-3.44e-04	-2.68e-04	0.0
715	259	0.04	-8.39e-05	-0.27	1.23e-05	-6.76e-06	0.0
715	321	3.07e-03	-2.87e-03	-0.77	-2.56e-04	-2.02e-04	0.0
715	323	0.03	1.15e-03	-0.29	1.07e-05	-5.49e-06	0.0
715	324	9.00e-06	0.0	-0.31	0.0	0.0	0.0
715	325	0.02	8.34e-03	-0.37	3.29e-05	3.08e-06	0.0
715	326	0.02	-7.61e-03	-0.36	-3.50e-05	9.45e-06	0.0
715	344	-6.78e-03	-0.03	-0.29	-1.13e-04	8.72e-06	0.0
715	362	0.01	-1.10e-03	-0.34	-1.77e-06	3.14e-06	0.0
715	376	-3.63e-03	-7.62e-03	-0.30	-7.06e-06	0.0	0.0
716	97	3.59e-03	-8.43e-03	-1.41	-7.98e-04	-8.23e-04	0.0
716	106	0.05	-9.75e-04	-0.42	-3.08e-04	-3.58e-04	0.0
716	255	3.74e-03	-5.51e-03	-0.91	-3.50e-04	-5.02e-04	0.0
716	259	0.03	7.42e-06	-0.26	1.33e-05	-2.25e-04	0.0
716	322	4.28e-03	-2.95e-03	-0.76	-2.61e-04	-4.38e-04	0.0
716	323	0.03	1.20e-03	-0.27	1.13e-05	-2.30e-04	0.0
716	324	-1.78e-03	0.0	-0.30	0.0	-2.40e-04	0.0
716	325	0.02	6.96e-03	-0.35	3.07e-05	-2.83e-04	0.0
716	327	-0.02	7.68e-03	-0.25	3.28e-05	-1.92e-04	0.0
716	342	5.53e-03	-0.02	-0.31	-1.06e-04	-2.64e-04	0.0
716	358	9.88e-03	-2.39e-03	-0.32	-2.60e-06	-2.64e-04	0.0
716	363	-0.01	1.43e-03	-0.27	1.91e-06	-2.17e-04	0.0
716	374	1.72e-03	-7.43e-03	-0.31	-7.09e-06	-2.47e-04	0.0
717	97	-0.03	-4.94e-04	0.10	4.46e-05	-3.86e-03	0.0
717	106	0.05	8.11e-05	0.03	1.38e-05	-1.04e-03	0.0
717	141	-7.35e-03	-1.69e-03	0.03	3.44e-06	-1.01e-03	0.0
717	255	-0.02	-8.68e-04	0.07	2.16e-05	-2.52e-03	0.0
717	259	0.04	-4.42e-04	0.02	-1.17e-06	-6.53e-04	0.0
717	282	-0.01	-1.13e-03	0.02	2.30e-06	-6.85e-04	0.0
717	310	-1.92e-03	-7.36e-04	0.02	1.42e-06	-7.68e-04	0.0
717	322	-0.01	-9.92e-05	0.06	1.51e-05	-2.09e-03	0.0
717	323	0.03	2.20e-04	0.02	-1.95e-06	-6.89e-04	0.0
717	324	-1.92e-03	0.0	0.02	0.0	-7.68e-04	0.0
717	326	0.02	-1.77e-03	0.03	3.37e-06	-9.10e-04	0.0
717	327	-0.02	1.77e-03	0.01	-3.37e-06	-6.26e-04	0.0
717	344	-7.02e-03	-6.50e-03	0.02	1.27e-05	-7.08e-04	0.0
717	362	7.44e-03	-5.08e-04	0.02	0.0	-8.44e-04	0.0
717	363	-0.01	5.08e-04	0.02	0.0	-6.93e-04	0.0
717	376	-4.73e-03	-2.91e-03	0.02	4.30e-06	-7.45e-04	0.0
718	105	0.06	-6.27e-04	-0.02	-7.65e-06	3.81e-03	8.83e-05
718	141	-1.77e-03	-1.70e-03	-3.79e-03	2.71e-06	9.93e-04	1.82e-06
718	210	0.05	-6.58e-05	-0.01	-5.04e-06	2.44e-03	5.39e-05
718	259	0.04	-8.86e-04	-0.01	-2.23e-06	2.49e-03	3.72e-05
718	282	-7.65e-03	-1.13e-03	-1.98e-03	1.81e-06	6.76e-04	1.22e-06
718	310	1.87e-03	-7.41e-04	-3.22e-03	1.22e-06	7.63e-04	0.0
718	311	0.04	3.29e-04	-8.64e-03	-3.45e-06	1.92e-03	3.02e-05
718	323	0.04	-1.09e-04	-9.28e-03	-2.59e-06	2.07e-03	2.75e-05
718	324	1.87e-03	0.0	-3.22e-03	0.0	7.63e-04	0.0
718	326	0.02	-1.57e-03	-5.37e-03	3.24e-06	1.04e-03	5.19e-06
718	344	-2.77e-03	-5.85e-03	-2.59e-03	9.95e-06	6.81e-04	1.48e-05
718	362	0.01	-5.10e-04	-4.31e-03	1.19e-06	9.06e-04	1.02e-06
718	376	-6.96e-04	-2.77e-03	-2.89e-03	4.62e-06	7.19e-04	4.72e-06
719	105	0.06	-1.21e-04	0.10	4.30e-05	3.81e-03	0.0
719	142	-2.39e-03	-1.67e-03	0.02	3.30e-06	7.07e-04	0.0
719	210	0.05	1.97e-04	0.06	2.55e-05	2.44e-03	0.0
719	259	0.05	-5.87e-04	0.06	2.05e-05	2.49e-03	0.0
719	282	-7.55e-03	-1.11e-03	0.02	2.20e-06	6.81e-04	0.0
719	310	1.95e-03	-7.27e-04	0.02	1.36e-06	7.64e-04	0.0
719	311	0.04	4.89e-04	0.05	1.41e-05	1.92e-03	0.0
719	323	0.04	1.05e-04	0.05	1.43e-05	2.07e-03	0.0
719	324	1.95e-03	0.0	0.02	0.0	7.64e-04	0.0

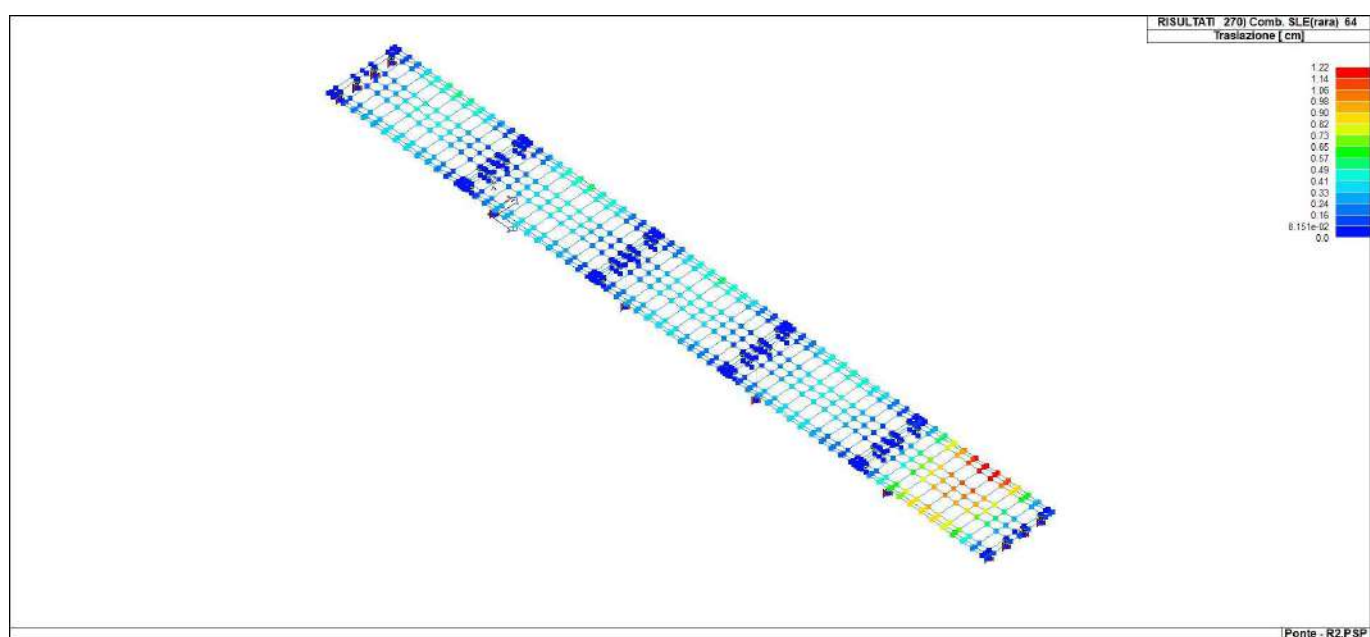
719	326	0.02	-1.66e-03	0.03	2.31e-06	1.04e-03	0.0
719	341	6.61e-03	6.12e-03	0.02	-8.99e-06	8.46e-04	0.0
719	361	0.01	6.70e-04	0.02	-1.19e-06	9.08e-04	0.0
719	362	0.01	-5.06e-04	0.02	0.0	9.08e-04	0.0
719	373	4.53e-03	2.82e-03	0.02	-4.06e-06	8.08e-04	0.0
720	7	0.06	-1.01e-03	-0.33	-1.78e-04	3.38e-03	0.0
720	105	0.06	-1.90e-03	-0.38	-2.20e-04	3.88e-03	0.0
720	107	0.05	-2.34e-03	-0.29	-1.33e-04	3.00e-03	0.0
720	210	0.05	-6.50e-04	-0.24	-1.32e-04	2.50e-03	0.0
720	259	0.05	-1.68e-03	-0.25	-9.68e-05	2.52e-03	0.0
720	260	0.03	-1.76e-03	-0.20	-7.23e-05	2.09e-03	0.0
720	310	3.10e-03	-8.51e-04	-0.08	0.0	7.97e-04	0.0
720	311	0.04	2.09e-05	-0.19	-7.60e-05	1.96e-03	0.0
720	323	0.04	-6.21e-04	-0.21	-7.30e-05	2.10e-03	0.0
720	324	3.10e-03	0.0	-0.08	0.0	7.97e-04	0.0
720	326	0.02	-1.53e-03	-0.10	4.29e-06	1.08e-03	0.0
720	344	-1.38e-03	-5.81e-03	-0.07	1.21e-05	7.16e-04	0.0
720	362	0.01	-5.89e-04	-0.09	0.0	9.41e-04	0.0
720	376	6.21e-04	-2.90e-03	-0.07	2.56e-06	7.54e-04	0.0
721	7	0.06	-2.24e-03	-0.63	-3.39e-04	3.15e-03	0.0
721	105	0.06	-3.63e-03	-0.72	-4.16e-04	3.53e-03	0.0
721	210	0.05	-1.55e-03	-0.47	-2.51e-04	2.34e-03	0.0
721	259	0.04	-2.62e-03	-0.47	-1.84e-04	2.30e-03	0.0
721	311	0.04	-4.38e-04	-0.37	-1.45e-04	1.83e-03	0.0
721	323	0.04	-1.22e-03	-0.39	-1.38e-04	1.91e-03	0.0
721	324	4.02e-03	0.0	-0.15	0.0	7.36e-04	0.0
721	326	0.02	-1.75e-03	-0.20	5.94e-06	9.86e-04	0.0
721	344	-1.41e-04	-6.59e-03	-0.13	1.59e-05	6.63e-04	0.0
721	362	0.01	-7.00e-04	-0.18	1.06e-06	8.64e-04	0.0
721	376	1.71e-03	-3.24e-03	-0.14	1.83e-06	6.97e-04	0.0
722	7	0.06	-3.49e-03	-0.91	-4.83e-04	2.74e-03	0.0
722	105	0.06	-5.17e-03	-1.03	-5.79e-04	2.84e-03	0.0
722	210	0.05	-2.46e-03	-0.67	-3.58e-04	2.03e-03	0.0
722	259	0.04	-3.41e-03	-0.67	-2.58e-04	1.84e-03	0.0
722	311	0.04	-9.27e-04	-0.53	-2.08e-04	1.59e-03	0.0
722	323	0.03	-1.74e-03	-0.56	-1.93e-04	1.54e-03	0.0
722	324	4.05e-03	0.0	-0.21	0.0	6.16e-04	0.0
722	326	0.02	-2.00e-03	-0.28	7.59e-06	8.26e-04	0.0
722	344	2.61e-04	-7.47e-03	-0.19	1.99e-05	5.55e-04	0.0
722	362	0.01	-7.87e-04	-0.25	1.49e-06	7.24e-04	0.0
722	376	1.95e-03	-3.55e-03	-0.20	-1.99e-06	5.84e-04	0.0
723	7	0.06	-4.39e-03	-1.13	-5.97e-04	2.13e-03	4.29e-05
723	105	0.05	-5.97e-03	-1.24	-6.85e-04	1.92e-03	4.04e-05
723	210	0.04	-3.12e-03	-0.84	-4.42e-04	1.58e-03	3.17e-05
723	259	0.03	-3.80e-03	-0.81	-3.03e-04	1.23e-03	1.59e-05
723	311	0.03	-1.31e-03	-0.66	-2.60e-04	1.23e-03	1.85e-05
723	323	0.03	-1.99e-03	-0.67	-2.27e-04	1.04e-03	1.16e-05
723	324	3.28e-03	0.0	-0.26	0.0	4.49e-04	0.0
723	326	0.02	-2.19e-03	-0.35	9.08e-06	6.00e-04	4.66e-06
723	344	-1.23e-04	-8.12e-03	-0.24	2.37e-05	4.06e-04	1.33e-05
723	362	9.61e-03	-8.37e-04	-0.31	1.88e-06	5.26e-04	1.04e-06
723	376	1.39e-03	-3.75e-03	-0.25	-3.06e-06	4.25e-04	3.93e-06
724	7	1.88e-03	-4.00e-03	-1.02	-5.64e-04	-2.86e-03	0.0
724	97	-0.01	-9.57e-04	-0.37	-2.21e-04	-1.10e-03	0.0
724	127	1.89e-03	-4.22e-03	-1.02	-5.67e-04	-2.86e-03	0.0
724	210	1.47e-03	-2.88e-03	-0.76	-4.18e-04	-2.12e-03	0.0
724	255	-8.17e-03	-4.49e-05	-0.18	6.77e-06	-5.49e-04	0.0
724	270	1.47e-03	-3.03e-03	-0.75	-4.20e-04	-2.12e-03	0.0
724	311	1.11e-03	-1.45e-03	-0.59	-2.54e-04	-1.66e-03	0.0
724	322	-6.71e-03	4.78e-04	-0.19	5.15e-06	-5.74e-04	0.0
724	324	-3.98e-03	0.0	-0.21	0.0	-6.21e-04	0.0
724	326	8.67e-04	-1.16e-03	-0.28	9.11e-06	-8.33e-04	0.0
724	327	-8.82e-03	1.16e-03	-0.14	-9.11e-06	-4.09e-04	0.0
724	344	-5.21e-03	-4.27e-03	-0.19	2.50e-05	-5.59e-04	0.0
724	362	-1.57e-03	-3.84e-04	-0.25	1.82e-06	-7.30e-04	0.0
724	363	-6.38e-03	3.84e-04	-0.17	-1.82e-06	-5.12e-04	0.0
724	376	-4.70e-03	-1.88e-03	-0.20	2.83e-06	-5.88e-04	0.0
725	7	0.01	-4.87e-03	-1.24	-6.71e-04	-1.94e-03	-4.57e-05
725	97	-0.01	-1.10e-03	-0.46	-2.63e-04	-8.12e-04	-1.70e-05
725	127	0.01	-5.17e-03	-1.24	-6.75e-04	-1.94e-03	-4.59e-05
725	210	8.45e-03	-3.51e-03	-0.92	-4.97e-04	-1.44e-03	-3.39e-05
725	255	-8.63e-03	-2.48e-05	-0.23	8.67e-06	-4.04e-04	2.02e-06
725	270	8.45e-03	-3.71e-03	-0.92	-5.00e-04	-1.44e-03	-3.40e-05
725	311	6.54e-03	-1.74e-03	-0.72	-3.01e-04	-1.13e-03	-2.05e-05
725	322	-6.74e-03	6.28e-04	-0.24	6.94e-06	-4.22e-04	1.31e-06
725	324	-3.21e-03	0.0	-0.26	0.0	-4.54e-04	0.0
725	326	3.08e-03	-1.56e-03	-0.35	1.02e-05	-6.08e-04	2.29e-06

725	327	-9.51e-03	1.56e-03	-0.17	-1.02e-05	-3.00e-04	-2.29e-06
725	344	-4.83e-03	-5.74e-03	-0.23	2.76e-05	-4.10e-04	5.96e-06
725	362	-7.99e-05	-5.33e-04	-0.30	1.52e-06	-5.33e-04	0.0
725	363	-6.34e-03	5.33e-04	-0.21	-1.52e-06	-3.75e-04	0.0
725	376	-4.15e-03	-2.55e-03	-0.25	-2.47e-06	-4.30e-04	-1.94e-06
726	7	-3.93e-03	-2.50e-03	-0.71	-4.02e-04	-3.55e-03	0.0
726	97	-0.01	-5.89e-04	-0.26	-1.59e-04	-1.31e-03	0.0
726	127	-3.93e-03	-2.65e-03	-0.71	-4.04e-04	-3.55e-03	0.0
726	210	-2.85e-03	-1.80e-03	-0.53	-2.98e-04	-2.63e-03	0.0
726	255	-6.91e-03	-4.90e-05	-0.13	4.76e-06	-6.46e-04	0.0
726	270	-2.85e-03	-1.90e-03	-0.53	-2.99e-04	-2.63e-03	0.0
726	311	-2.25e-03	-8.81e-04	-0.41	-1.80e-04	-2.05e-03	0.0
726	322	-5.87e-03	3.14e-04	-0.13	3.41e-06	-6.79e-04	0.0
726	324	-3.94e-03	0.0	-0.15	0.0	-7.41e-04	0.0
726	326	-5.92e-04	-7.27e-04	-0.20	6.99e-06	-9.93e-04	0.0
726	327	-7.28e-03	7.27e-04	-0.10	-6.99e-06	-4.88e-04	0.0
726	344	-4.77e-03	-2.70e-03	-0.13	1.94e-05	-6.67e-04	0.0
726	362	-2.28e-03	-2.34e-04	-0.17	1.70e-06	-8.70e-04	0.0
726	363	-5.59e-03	2.34e-04	-0.12	-1.70e-06	-6.11e-04	0.0
726	376	-4.43e-03	-1.18e-03	-0.14	3.19e-06	-7.02e-04	0.0
727	7	-5.27e-03	-9.65e-04	-0.36	-2.10e-04	-3.90e-03	0.0
727	97	-8.22e-03	-1.98e-04	-0.13	-8.40e-05	-1.40e-03	0.0
727	127	-5.26e-03	-1.03e-03	-0.36	-2.11e-04	-3.90e-03	0.0
727	210	-3.86e-03	-6.88e-04	-0.27	-1.56e-04	-2.89e-03	0.0
727	255	-4.78e-03	-3.34e-05	-0.06	2.61e-06	-6.84e-04	0.0
727	270	-3.86e-03	-7.34e-04	-0.27	-1.56e-04	-2.88e-03	0.0
727	311	-3.03e-03	-3.11e-04	-0.21	-9.42e-05	-2.25e-03	0.0
727	322	-4.16e-03	1.49e-04	-0.07	1.81e-06	-7.25e-04	0.0
727	324	-2.99e-03	0.0	-0.07	0.0	-8.02e-04	0.0
727	326	-1.04e-03	-3.16e-04	-0.10	3.93e-06	-1.08e-03	0.0
727	327	-4.95e-03	3.16e-04	-0.05	-3.93e-06	-5.20e-04	0.0
727	344	-3.47e-03	-1.19e-03	-0.07	1.09e-05	-7.20e-04	0.0
727	362	-2.03e-03	-9.66e-05	-0.09	1.10e-06	-9.47e-04	0.0
727	363	-3.96e-03	9.66e-05	-0.06	-1.10e-06	-6.57e-04	0.0
727	376	-3.28e-03	-5.10e-04	-0.07	2.22e-06	-7.59e-04	0.0
728	7	-3.63e-03	-1.72e-04	-9.75e-04	-4.20e-06	-3.82e-03	-9.37e-05
728	97	-4.56e-03	-3.15e-05	-6.63e-04	-1.79e-06	-1.29e-03	-3.69e-05
728	127	-3.63e-03	-1.85e-04	-9.75e-04	-4.17e-06	-3.82e-03	-9.41e-05
728	210	-2.67e-03	-1.22e-04	-7.23e-04	-3.14e-06	-2.83e-03	-6.94e-05
728	270	-2.67e-03	-1.31e-04	-7.23e-04	-3.12e-06	-2.83e-03	-6.97e-05
728	311	-2.08e-03	-5.30e-05	-5.54e-04	-2.02e-06	-2.21e-03	-4.22e-05
728	322	-2.31e-03	2.93e-05	-3.03e-04	0.0	-6.72e-04	0.0
728	324	-1.72e-03	0.0	-3.10e-04	0.0	-7.64e-04	0.0
728	326	-5.26e-04	-4.84e-05	-3.59e-04	0.0	-1.05e-03	2.26e-06
728	327	-2.92e-03	4.84e-05	-2.62e-04	0.0	-4.81e-04	-2.26e-06
728	344	-2.00e-03	-1.84e-04	-3.09e-04	1.86e-06	-6.82e-04	6.20e-06
728	362	-1.13e-03	-1.35e-05	-3.34e-04	0.0	-9.10e-04	0.0
728	363	-2.31e-03	1.35e-05	-2.87e-04	0.0	-6.19e-04	0.0
728	376	-1.90e-03	-7.89e-05	-3.04e-04	0.0	-7.21e-04	1.39e-06
729	7	0.05	-5.54e-03	-1.31	-7.20e-04	1.33e-03	0.0
729	105	0.03	-6.87e-03	-1.40	-7.82e-04	8.02e-04	0.0
729	210	0.04	-3.97e-03	-0.97	-5.33e-04	9.86e-04	0.0
729	270	0.04	-4.22e-03	-0.97	-5.36e-04	9.86e-04	0.0
729	311	0.03	-1.81e-03	-0.76	-3.15e-04	7.64e-04	0.0
729	323	0.02	-2.21e-03	-0.76	-2.53e-04	4.27e-04	0.0
729	324	1.82e-03	0.0	-0.30	0.0	2.37e-04	0.0
729	326	0.01	-2.26e-03	-0.40	1.07e-05	3.18e-04	0.0
729	344	-1.15e-03	-8.32e-03	-0.27	2.81e-05	2.15e-04	0.0
729	358	7.35e-03	-1.01e-03	-0.35	0.0	2.78e-04	0.0
729	362	7.35e-03	-8.35e-04	-0.35	0.0	2.78e-04	0.0
729	376	1.56e-04	-3.76e-03	-0.28	-4.16e-06	2.25e-04	0.0
730	105	0.02	-6.76e-03	-1.40	-7.88e-04	-3.73e-04	0.0
730	127	0.04	-6.46e-03	-1.40	-7.86e-04	3.46e-04	0.0
730	210	0.03	-4.38e-03	-1.04	-5.79e-04	2.56e-04	0.0
730	270	0.03	-4.63e-03	-1.04	-5.82e-04	2.56e-04	0.0
730	311	0.02	-2.10e-03	-0.81	-3.45e-04	1.92e-04	0.0
730	324	3.41e-05	0.0	-0.31	0.0	-2.80e-06	0.0
730	326	9.48e-03	-2.17e-03	-0.41	1.13e-05	3.83e-06	0.0
730	344	-2.48e-03	-7.96e-03	-0.28	3.00e-05	-6.00e-06	0.0
730	362	4.76e-03	-7.79e-04	-0.36	0.0	0.0	0.0
730	376	-1.38e-03	-3.56e-03	-0.29	-4.14e-06	-3.84e-06	0.0
731	7	0.02	-5.96e-03	-1.39	-7.72e-04	-8.27e-04	0.0
731	127	0.02	-6.29e-03	-1.39	-7.76e-04	-8.27e-04	0.0
731	128	0.02	-6.29e-03	-1.28	-7.76e-04	-7.35e-04	0.0
731	210	0.02	-4.29e-03	-1.03	-5.71e-04	-6.12e-04	0.0
731	270	0.02	-4.52e-03	-1.03	-5.75e-04	-6.12e-04	0.0
731	311	0.01	-2.12e-03	-0.80	-3.44e-04	-4.85e-04	0.0

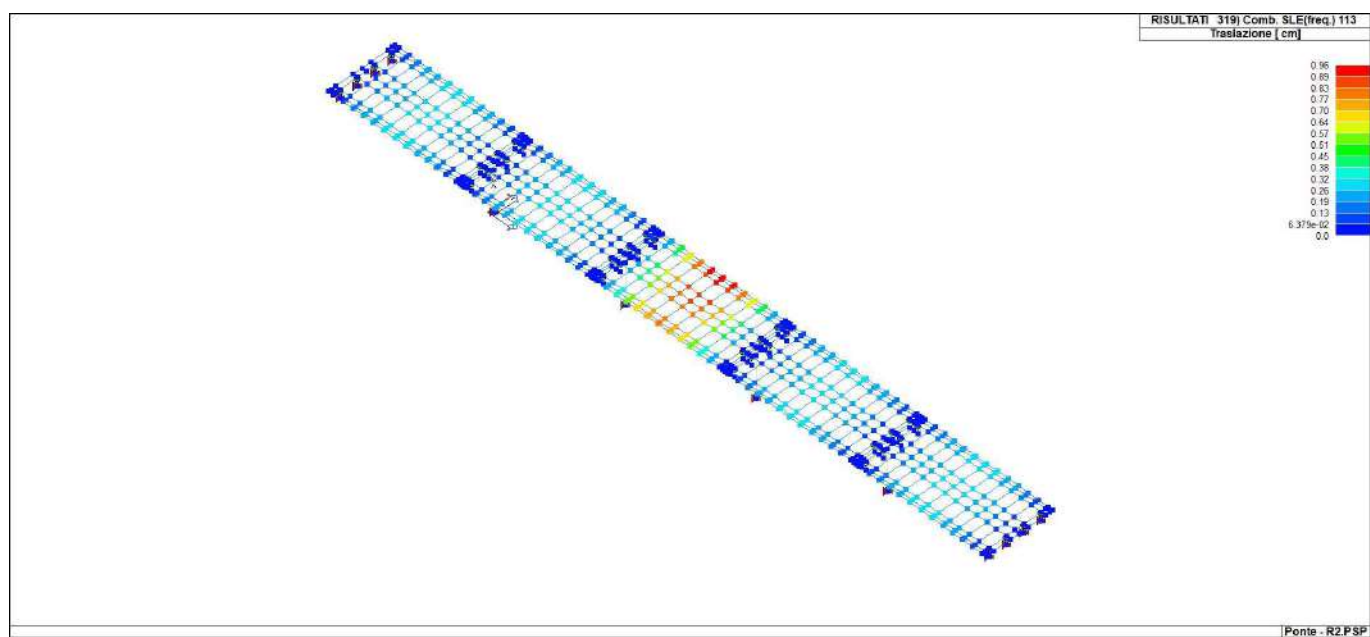
731	324	-1.75e-03	0.0	-0.30	0.0	-2.43e-04	0.0
731	326	6.12e-03	-1.93e-03	-0.40	1.12e-05	-3.28e-04	0.0
731	327	-9.62e-03	1.93e-03	-0.20	-1.12e-05	-1.58e-04	0.0
731	344	-3.81e-03	-7.07e-03	-0.27	2.98e-05	-2.19e-04	0.0
731	362	2.18e-03	-6.74e-04	-0.35	0.0	-2.86e-04	0.0
731	363	-5.67e-03	6.74e-04	-0.24	0.0	-1.99e-04	0.0
731	376	-2.93e-03	-3.14e-03	-0.28	-3.26e-06	-2.30e-04	0.0
732	1	0.0	0.0	0.0	0.0	0.0	0.0
732	207	0.0	0.0	0.0	0.0	0.0	0.0
732	309	0.0	0.0	0.0	0.0	0.0	0.0
732	324	0.0	0.0	0.0	0.0	0.0	0.0
732	325	0.0	0.0	0.0	0.0	0.0	0.0
732	357	0.0	0.0	0.0	0.0	0.0	0.0
733	1	0.0	0.0	0.0	0.0	0.0	0.0
733	207	0.0	0.0	0.0	0.0	0.0	0.0
733	309	0.0	0.0	0.0	0.0	0.0	0.0
733	324	0.0	0.0	0.0	0.0	0.0	0.0
733	325	0.0	0.0	0.0	0.0	0.0	0.0
733	357	0.0	0.0	0.0	0.0	0.0	0.0
734	1	0.0	0.0	0.0	0.0	0.0	0.0
734	207	0.0	0.0	0.0	0.0	0.0	0.0
734	309	0.0	0.0	0.0	0.0	0.0	0.0
734	324	0.0	0.0	0.0	0.0	0.0	0.0
734	325	0.0	0.0	0.0	0.0	0.0	0.0
734	357	0.0	0.0	0.0	0.0	0.0	0.0
735	1	0.0	0.0	0.0	0.0	0.0	0.0
735	207	0.0	0.0	0.0	0.0	0.0	0.0
735	309	0.0	0.0	0.0	0.0	0.0	0.0
735	324	0.0	0.0	0.0	0.0	0.0	0.0
735	325	0.0	0.0	0.0	0.0	0.0	0.0
735	357	0.0	0.0	0.0	0.0	0.0	0.0
736	1	0.0	0.0	0.0	0.0	0.0	0.0
736	207	0.0	0.0	0.0	0.0	0.0	0.0
736	309	0.0	0.0	0.0	0.0	0.0	0.0
736	324	0.0	0.0	0.0	0.0	0.0	0.0
736	325	0.0	0.0	0.0	0.0	0.0	0.0
736	357	0.0	0.0	0.0	0.0	0.0	0.0
737	1	0.0	0.0	0.0	0.0	0.0	0.0
737	207	0.0	0.0	0.0	0.0	0.0	0.0
737	309	0.0	0.0	0.0	0.0	0.0	0.0
737	324	0.0	0.0	0.0	0.0	0.0	0.0
737	325	0.0	0.0	0.0	0.0	0.0	0.0
737	357	0.0	0.0	0.0	0.0	0.0	0.0
738	1	0.0	0.0	0.0	0.0	0.0	0.0
738	207	0.0	0.0	0.0	0.0	0.0	0.0
738	309	0.0	0.0	0.0	0.0	0.0	0.0
738	324	0.0	0.0	0.0	0.0	0.0	0.0
738	325	0.0	0.0	0.0	0.0	0.0	0.0
738	357	0.0	0.0	0.0	0.0	0.0	0.0
739	1	0.0	0.0	0.0	0.0	0.0	0.0
739	207	0.0	0.0	0.0	0.0	0.0	0.0
739	309	0.0	0.0	0.0	0.0	0.0	0.0
739	324	0.0	0.0	0.0	0.0	0.0	0.0
739	325	0.0	0.0	0.0	0.0	0.0	0.0
739	357	0.0	0.0	0.0	0.0	0.0	0.0
Nodo		Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		-0.08	-0.03	-1.86	-1.37e-03	-4.63e-03	-1.25e-04
		0.07	0.03	0.17	2.27e-04	4.64e-03	1.25e-04



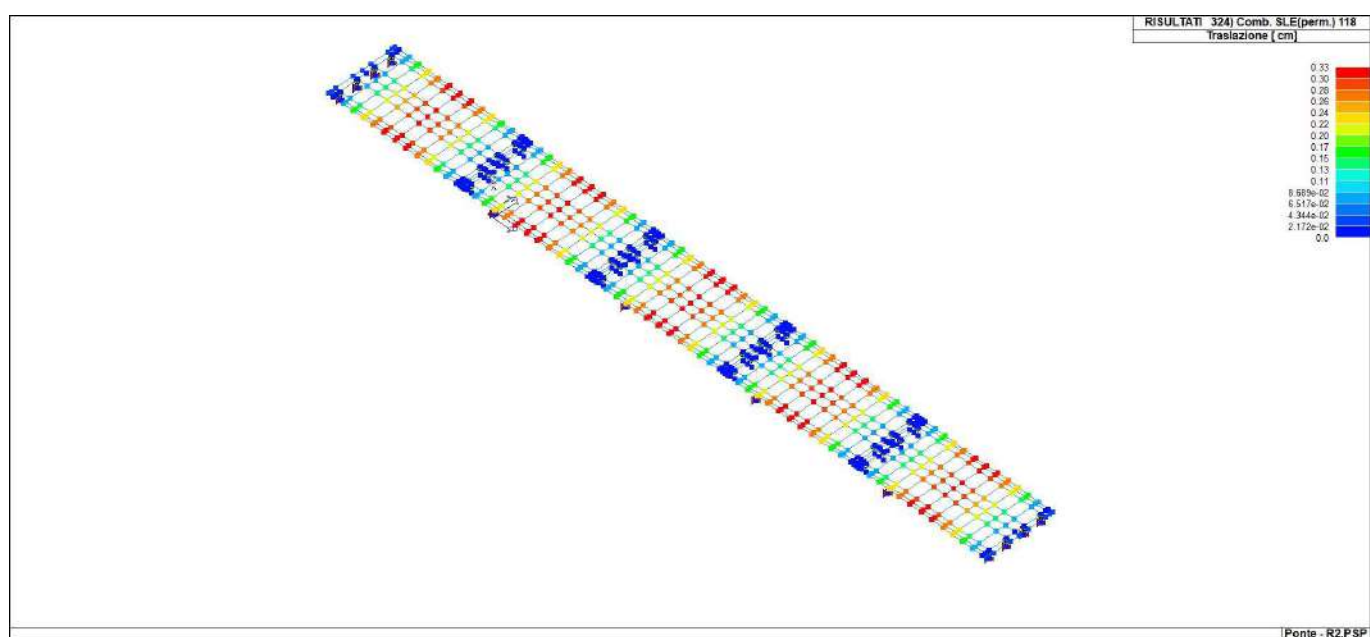
41_RIS_SPOSTAMENTI_049_Comb. SLU A1 49



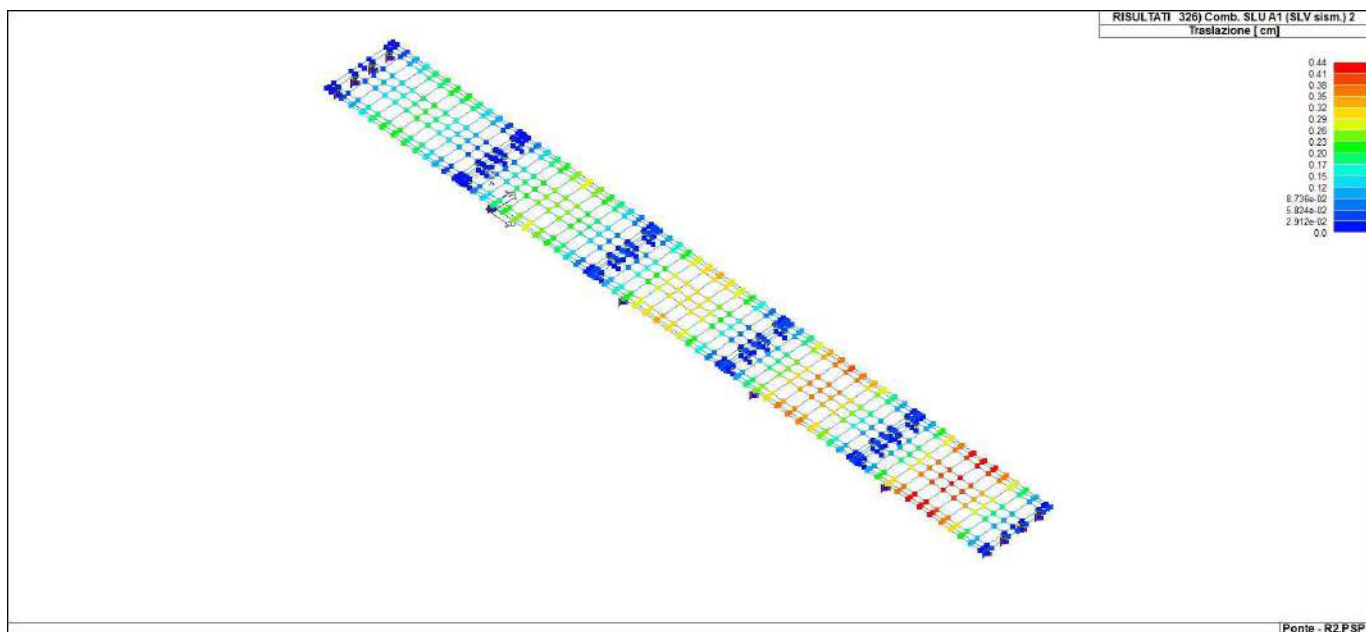
41_RIS_SPOSTAMENTI_270_Comb. SLE(rara) 64



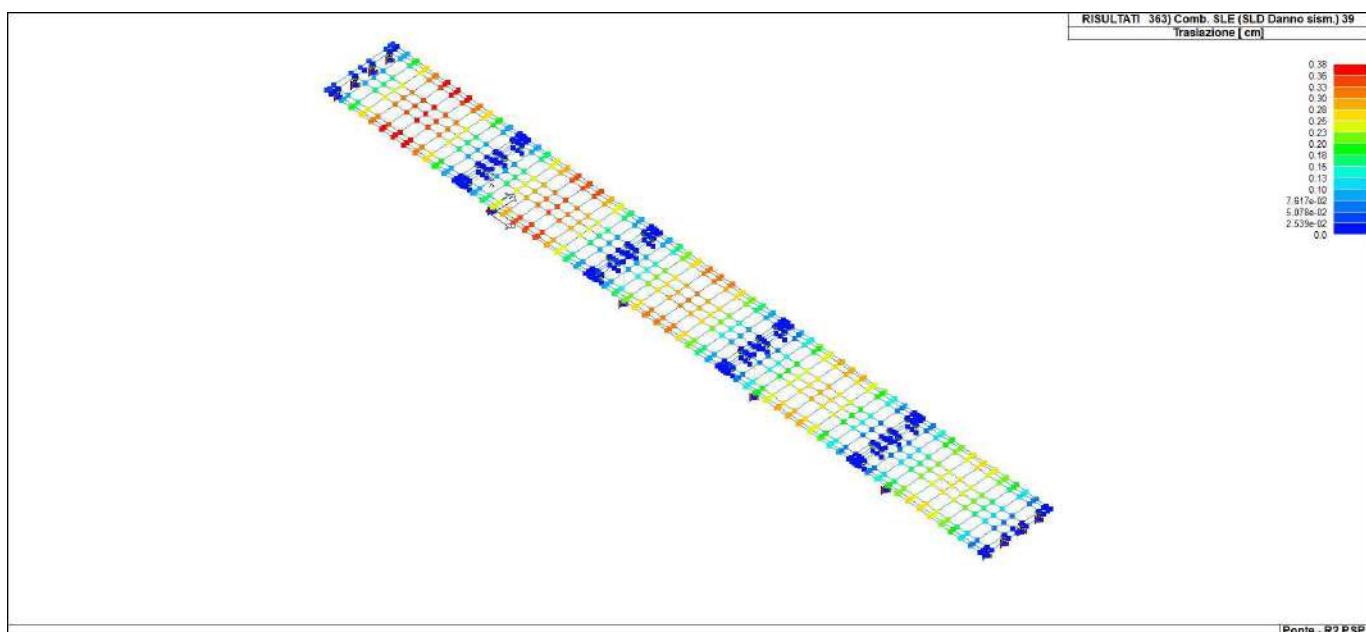
41_RIS_SPOSTAMENTI_319_Comb. SLE(freq.) 113



41_RIS_SPOSTAMENTI_324_Comb. SLE(perm.) 118



41_RIS_SPOSTAMENTI_326_Comb. SLU A1 (SLV sism.) 2



41_RIS_SPOSTAMENTI_363_Comb. SLE (SLD Danno sism.) 39

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	33	1.163e+04	-9835.65	-3.790e+05	-3.162e+06	3.599e+05	7.720e+04
1	121	-775.87	-1.276e+04	-1.972e+05	5.990e+06	-3.673e+05	-2.779e+04
1	149	-8690.36	-1.018e+04	-3.174e+05	-1.338e+06	-6.826e+06	3.174e+05
1	206	-5.74	-1.59e-03	-1.431e+05	0.76	-1871.86	-0.02
1	223	8673.45	-6401.72	-2.414e+05	3.491e+05	2.954e+05	5.017e+04
1	239	18.18	-5016.79	-1.455e+05	2.389e+06	-1396.31	-1678.11
1	267	-515.56	-8509.72	-1.458e+05	3.993e+06	-2.440e+05	-1.853e+04
1	281	-6375.71	-6529.80	-1.958e+05	1.645e+06	-5.028e+06	2.283e+05
1	310	-5.91	-5526.15	-1.458e+05	2.624e+06	-1925.37	-1.212e+04
1	313	-4401.03	103.40	-1.833e+05	-1.105e+06	-3.590e+06	1.821e+05
1	314	6885.83	-656.68	-2.175e+05	-1.707e+06	4.027e+05	4.671e+04
1	318	394.39	382.02	-1.456e+05	-1.767e+05	1.800e+05	7830.02
1	324	-5.91	-1.64e-03	-1.458e+05	0.78	-1925.37	-0.02
1	326	5624.30	-9429.23	-1.617e+05	4.539e+06	2.183e+06	-4.035e+04
1	327	-5636.13	9429.23	-1.298e+05	-4.539e+06	-2.186e+06	4.035e+04
1	328	-5778.13	-6879.80	-1.307e+05	3.343e+06	-2.224e+06	-7.583e+04
1	350	1704.42	-4.432e+04	-1.504e+05	2.073e+07	6.590e+05	-3.148e+05

1	362	2858.57	-7184.12	-1.537e+05	3.361e+06	1.110e+06	-3.882e+04
1	363	-2870.39	7184.11	-1.378e+05	-3.361e+06	-1.113e+06	3.882e+04
1	364	-2870.40	-5913.86	-1.378e+05	2.765e+06	-1.113e+06	-5.655e+04
1	382	853.42	-2.202e+04	-1.482e+05	1.030e+07	3.315e+05	-1.563e+05
3	57	1.159e+04	-1.028e+04	-3.791e+05	-2.956e+06	3.427e+05	8.621e+04
3	121	-1141.89	-1.372e+04	-1.972e+05	6.446e+06	-5.424e+05	793.46
3	122	-1141.49	-1.372e+04	-1.431e+05	6.446e+06	-5.422e+05	793.39
3	149	-1.236e+04	-7866.79	-2.500e+05	-5.404e+05	-5.872e+06	-3.680e+04
3	235	8675.97	-6979.08	-2.414e+05	6.235e+05	2.958e+05	6.404e+04
3	259	3968.01	-6047.75	-1.458e+05	2.872e+06	1.885e+06	2255.57
3	267	-758.00	-9148.23	-1.458e+05	4.297e+06	-3.601e+05	528.99
3	281	-9069.23	-5057.33	-1.458e+05	2.354e+06	-4.308e+06	-2.709e+04
3	310	-1.05	-5943.75	-1.458e+05	2.823e+06	-501.93	346.19
3	313	-6234.47	1582.24	-1.458e+05	-7.517e+05	-2.961e+06	-2.063e+04
3	317	7074.42	-776.49	-2.175e+05	-1.650e+06	4.914e+05	4.777e+04
3	323	3543.46	-77.99	-1.458e+05	3.690e+04	1.683e+06	1432.21
3	324	-1.05	2.04e-03	-1.458e+05	2.03	-501.92	0.18
3	326	9048.57	-1.082e+04	-1.401e+05	5.334e+06	3.492e+06	-1.037e+04
3	327	-9050.67	1.082e+04	-1.515e+05	-5.334e+06	-3.493e+06	1.037e+04
3	328	-9178.59	-1.238e+04	-1.510e+05	6.075e+06	-3.529e+06	-7.609e+04
3	352	-2735.16	-5.058e+04	-1.474e+05	2.397e+07	-1.054e+06	1.546e+05
3	362	4581.98	-7118.70	-1.430e+05	3.374e+06	1.770e+06	4.095e+04
3	363	-4584.09	7118.71	-1.486e+05	-3.374e+06	-1.771e+06	-4.095e+04
3	364	-4584.10	-7892.55	-1.486e+05	3.742e+06	-1.771e+06	8047.45
3	384	-1375.98	-2.513e+04	-1.466e+05	1.191e+07	-5.317e+05	7.673e+04
5	81	1.214e+04	-1.028e+04	-3.791e+05	-2.953e+06	6.012e+05	8.573e+04
5	105	8959.33	-5854.01	-2.500e+05	-1.424e+06	4.256e+06	3.772e+04
5	122	-1139.43	-1.372e+04	-1.431e+05	6.446e+06	-5.412e+05	-792.94
5	141	-1803.10	-1.374e+04	-1.972e+05	6.452e+06	-8.565e+05	-878.42
5	247	9078.31	-6983.59	-2.414e+05	6.256e+05	4.869e+05	6.333e+04
5	259	6723.98	-3702.29	-1.458e+05	1.758e+06	3.194e+06	2.776e+04
5	282	-4694.35	-9228.08	-1.458e+05	4.335e+06	-2.230e+06	-1801.27
5	310	1.06	-5943.76	-1.458e+05	2.823e+06	501.64	-345.76
5	320	7376.70	-779.87	-2.175e+05	-1.648e+06	6.349e+05	4.776e+04
5	323	5610.96	1681.10	-1.458e+05	-7.987e+05	2.665e+06	2.108e+04
5	324	1.06	-4.52e-04	-1.458e+05	3.14	501.64	0.23
5	325	9231.36	1.826e+04	-1.515e+05	-8.744e+06	3.541e+06	2.254e+05
5	333	9231.36	1.982e+04	-1.515e+05	-9.485e+06	3.541e+06	1.597e+05
5	336	-9229.24	-1.982e+04	-1.401e+05	9.485e+06	-3.540e+06	-1.597e+05
5	342	2346.06	-6.370e+04	-1.466e+05	3.049e+07	9.536e+05	-6.320e+05
5	361	4584.10	4462.18	-1.486e+05	-2.132e+06	1.771e+06	-1.592e+04
5	369	4584.10	5236.02	-1.486e+05	-2.500e+06	1.771e+06	-4.883e+04
5	372	-4581.99	-5236.02	-1.430e+05	2.500e+06	-1.770e+06	4.883e+04
5	374	1375.97	-2.513e+04	-1.466e+05	1.191e+07	5.317e+05	-7.673e+04
7	97	5593.97	-1.296e+04	-3.399e+05	-5.887e+05	-9.446e+05	3.778e+05
7	122	-762.09	-1.276e+04	-1.431e+05	5.990e+06	-3.629e+05	2.779e+04
7	141	-1080.82	-1.277e+04	-1.972e+05	5.990e+06	-5.146e+05	2.782e+04
7	165	8005.19	-5037.27	-2.949e+05	-2.993e+06	5.601e+06	-2.295e+05
7	267	-503.71	-8509.72	-1.458e+05	3.993e+06	-2.401e+05	1.853e+04
7	282	-2407.45	-8524.64	-1.458e+05	4.000e+06	-1.144e+06	1.881e+04
7	289	5988.89	-3216.84	-2.182e+05	-2.467e+06	4.177e+06	-1.712e+05
7	310	5.92	-5526.15	-1.458e+05	2.624e+06	1925.42	1.212e+04
7	311	4874.52	960.76	-1.864e+05	-2.400e+06	3.314e+06	-1.327e+05
7	322	3533.99	-2394.32	-1.958e+05	-2.767e+05	-3.222e+05	2.061e+05
7	324	5.92	2.18e-03	-1.458e+05	1.89	1925.42	0.26
7	326	5760.03	-1.298e+04	-1.618e+05	6.179e+06	2.222e+06	1.925e+05
7	327	-5748.20	1.298e+04	-1.297e+05	-6.179e+06	-2.218e+06	-1.925e+05
7	344	-1528.11	-4.789e+04	-1.428e+05	2.277e+07	-6.015e+05	5.773e+05
7	362	2870.40	-3739.59	-1.537e+05	1.855e+06	1.113e+06	3.077e+04
7	363	-2858.57	3739.59	-1.378e+05	-1.855e+06	-1.110e+06	-3.077e+04
7	376	-853.43	-2.202e+04	-1.434e+05	1.030e+07	-3.315e+05	1.563e+05
732	17	5.402e+04	-1723.71	-4.330e+04	1.379e+05	4.321e+06	0.0
732	49	7.376e+04	3516.63	-1.897e+04	-2.813e+05	5.901e+06	0.0
732	124	2.768e+04	-142.51	-1.165e+04	1.140e+04	2.214e+06	0.0
732	231	4.597e+04	1884.46	-1.224e+04	-1.508e+05	3.677e+06	0.0
732	276	3.101e+04	-2090.00	-3.024e+04	1.672e+05	2.481e+06	0.0
732	289	4.939e+04	2043.84	-1.409e+04	-1.635e+05	3.952e+06	0.0
732	295	3.170e+04	-1850.69	-3.036e+04	1.481e+05	2.536e+06	0.0
732	312	3.512e+04	-624.35	-2.576e+04	4.995e+04	2.809e+06	0.0
732	316	4.609e+04	2286.95	-1.224e+04	-1.830e+05	3.687e+06	0.0
732	324	3.524e+04	1192.33	-1.229e+04	-9.539e+04	2.819e+06	0.0
732	326	5.547e+04	1348.59	-9542.98	-1.079e+05	4.437e+06	0.0
732	327	1.502e+04	1036.07	-1.503e+04	-8.289e+04	1.201e+06	0.0
732	329	5.932e+04	3201.71	-9715.53	-2.561e+05	4.745e+06	0.0
732	353	4.995e+04	5016.99	-1.173e+04	-4.014e+05	3.996e+06	0.0
732	358	4.502e+04	1355.70	-1.089e+04	-1.085e+05	3.602e+06	0.0
732	359	2.546e+04	1028.96	-1.369e+04	-8.232e+04	2.037e+06	0.0

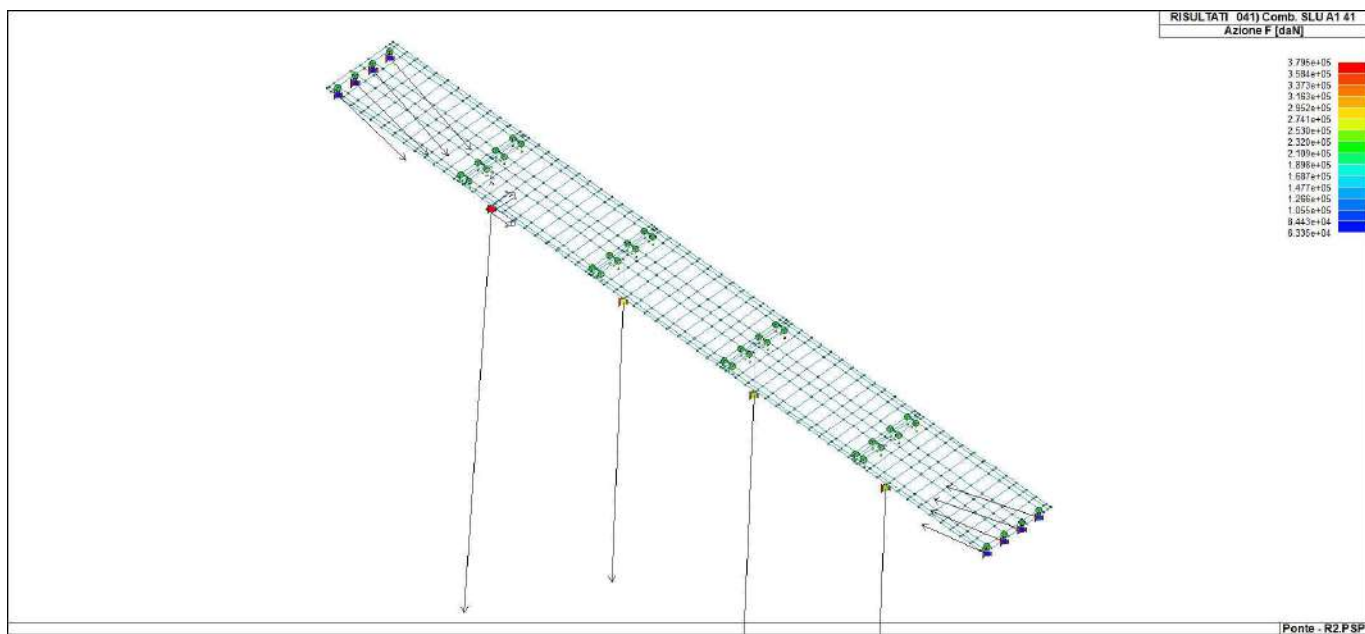
732	361	4.727e+04	2190.04	-1.097e+04	-1.752e+05	3.782e+06	0.0
732	385	4.257e+04	3079.02	-1.200e+04	-2.463e+05	3.405e+06	0.0
733	17	6.301e+04	5940.19	-5.212e+04	-4.752e+05	5.041e+06	0.0
733	49	7.937e+04	2411.56	-2.099e+04	-1.929e+05	6.350e+06	0.0
733	162	3.025e+04	124.68	-1.106e+04	-9974.18	2.420e+06	0.0
733	215	3.420e+04	4102.62	-3.440e+04	-3.282e+05	2.736e+06	0.0
733	287	3.265e+04	556.79	-1.120e+04	-4.454e+04	2.612e+06	0.0
733	289	5.376e+04	1148.43	-1.548e+04	-9.187e+04	4.301e+06	0.0
733	295	3.427e+04	4349.97	-3.434e+04	-3.480e+05	2.742e+06	0.0
733	309	3.539e+04	1222.35	-1.130e+04	-9.779e+04	2.831e+06	0.0
733	311	4.682e+04	1645.43	-1.301e+04	-1.316e+05	3.746e+06	0.0
733	312	3.665e+04	4190.92	-2.862e+04	-3.353e+05	2.932e+06	0.0
733	324	3.539e+04	1222.35	-1.130e+04	-9.779e+04	2.831e+06	0.0
733	326	5.637e+04	967.29	-1.375e+04	-7.738e+04	4.510e+06	0.0
733	327	1.440e+04	1477.42	-8851.45	-1.182e+05	1.152e+06	0.0
733	329	5.731e+04	3512.92	-1.368e+04	-2.810e+05	4.585e+06	0.0
733	353	4.371e+04	6309.07	-1.192e+04	-5.047e+05	3.497e+06	0.0
733	361	4.636e+04	2360.51	-1.252e+04	-1.888e+05	3.708e+06	0.0
733	362	4.577e+04	963.15	-1.255e+04	-7.705e+04	3.662e+06	0.0
733	363	2.501e+04	1481.56	-1.006e+04	-1.185e+05	2.000e+06	0.0
733	385	3.955e+04	3735.29	-1.162e+04	-2.988e+05	3.164e+06	0.0
734	17	7.307e+04	-1.022e+04	-6.104e+04	8.176e+05	5.846e+06	0.0
734	124	3.141e+04	-3137.22	-1.104e+04	2.510e+05	2.512e+06	0.0
734	149	9.474e+04	-5121.79	-4.064e+04	4.097e+05	7.579e+06	0.0
734	215	3.651e+04	-6803.54	-3.895e+04	5.443e+05	2.921e+06	0.0
734	268	3.341e+04	-2556.26	-1.119e+04	2.045e+05	2.673e+06	0.0
734	270	5.958e+04	-3383.55	-1.753e+04	2.707e+05	4.766e+06	0.0
734	276	3.659e+04	-7050.89	-3.889e+04	5.641e+05	2.927e+06	0.0
734	310	3.577e+04	-2222.09	-1.129e+04	1.778e+05	2.862e+06	0.0
734	312	3.781e+04	-4717.00	-3.205e+04	3.774e+05	3.025e+06	0.0
734	313	4.978e+04	-1678.86	-2.076e+04	1.343e+05	3.983e+06	0.0
734	324	3.539e+04	-1222.35	-1.130e+04	9.779e+04	2.831e+06	0.0
734	333	5.631e+04	-961.50	-1.374e+04	7.692e+04	4.505e+06	0.0
734	336	1.447e+04	-1483.20	-8857.17	1.187e+05	1.157e+06	0.0
734	338	5.731e+04	-3512.92	-1.368e+04	2.810e+05	4.585e+06	0.0
734	350	4.371e+04	-6309.07	-1.192e+04	5.047e+05	3.497e+06	0.0
734	369	4.577e+04	-963.15	-1.255e+04	7.705e+04	3.662e+06	0.0
734	370	4.636e+04	-2360.51	-1.252e+04	1.888e+05	3.708e+06	0.0
734	372	2.501e+04	-1481.56	-1.006e+04	1.185e+05	2.000e+06	0.0
734	382	3.955e+04	-3735.29	-1.162e+04	2.988e+05	3.164e+06	0.0
735	17	7.815e+04	543.05	-6.455e+04	-4.344e+04	6.252e+06	0.0
735	73	8.947e+04	-4060.70	-2.697e+04	3.249e+05	7.157e+06	0.0
735	149	1.066e+05	-2828.55	-4.816e+04	2.263e+05	8.525e+06	0.0
735	162	3.139e+04	-1720.17	-1.165e+04	1.376e+05	2.511e+06	0.0
735	231	4.695e+04	-2311.46	-1.222e+04	1.849e+05	3.756e+06	0.0
735	270	6.364e+04	-2855.88	-2.002e+04	2.285e+05	5.092e+06	0.0
735	276	3.750e+04	695.89	-4.017e+04	-5.567e+04	3.000e+06	0.0
735	312	3.762e+04	685.46	-3.312e+04	-5.484e+04	3.010e+06	0.0
735	313	5.311e+04	-1065.50	-2.394e+04	8.524e+04	4.249e+06	0.0
735	316	4.498e+04	-1679.99	-1.223e+04	1.344e+05	3.598e+06	0.0
735	319	4.391e+04	-1872.17	-1.225e+04	1.498e+05	3.513e+06	0.0
735	324	3.524e+04	-1192.33	-1.229e+04	9.539e+04	2.819e+06	0.0
735	337	5.434e+04	-1117.56	-9578.66	8.940e+04	4.347e+06	0.0
735	338	5.932e+04	-3201.71	-9715.53	2.561e+05	4.745e+06	0.0
735	340	1.614e+04	-1267.10	-1.500e+04	1.014e+05	1.291e+06	0.0
735	350	4.995e+04	-5016.99	-1.173e+04	4.014e+05	3.996e+06	0.0
735	365	4.502e+04	-1355.70	-1.089e+04	1.085e+05	3.602e+06	0.0
735	368	2.546e+04	-1028.96	-1.369e+04	8.232e+04	2.037e+06	0.0
735	370	4.727e+04	-2190.04	-1.097e+04	1.752e+05	3.782e+06	0.0
735	382	4.257e+04	-3079.02	-1.200e+04	2.463e+05	3.405e+06	0.0
736	97	-8.019e+04	3902.77	-1.894e+04	-3.122e+05	-6.416e+06	0.0
736	144	-3.645e+04	401.16	-1.161e+04	-3.209e+04	-2.916e+06	0.0
736	165	-6.699e+04	501.88	-3.681e+04	-4.015e+04	-5.360e+06	0.0
736	255	-5.015e+04	2135.87	-1.222e+04	-1.709e+05	-4.012e+06	0.0
736	265	-5.084e+04	1514.63	-1.461e+04	-1.212e+05	-4.067e+06	0.0
736	283	-4.322e+04	1126.55	-1.220e+04	-9.012e+04	-3.458e+06	0.0
736	289	-4.931e+04	415.80	-2.719e+04	-3.326e+04	-3.945e+06	0.0
736	311	-4.143e+04	566.30	-2.279e+04	-4.530e+04	-3.314e+06	0.0
736	319	-4.403e+04	1853.47	-1.224e+04	-1.483e+05	-3.522e+06	0.0
736	322	-4.547e+04	2251.67	-1.225e+04	-1.801e+05	-3.637e+06	0.0
736	324	-3.524e+04	1192.32	-1.229e+04	-9.539e+04	-2.819e+06	0.0
736	325	-1.639e+04	1321.30	-1.519e+04	-1.057e+05	-1.311e+06	0.0
736	327	-5.957e+04	3255.89	-9910.20	-2.605e+05	-4.765e+06	0.0
736	328	-5.409e+04	1063.33	-9383.98	-8.507e+04	-4.327e+06	0.0
736	347	-5.079e+04	5197.65	-1.238e+04	-4.158e+05	-4.063e+06	0.0
736	359	-4.727e+04	2190.02	-1.097e+04	-1.752e+05	-3.782e+06	0.0
736	361	-2.546e+04	1028.95	-1.369e+04	-8.232e+04	-2.037e+06	0.0

736	364	-4.502e+04	1355.68	-1.089e+04	-1.085e+05	-3.602e+06	0.0
736	379	-4.257e+04	3079.00	-1.200e+04	-2.463e+05	-3.405e+06	0.0
737	7	-8.252e+04	-1497.99	-4.241e+04	1.198e+05	-6.602e+06	0.0
737	97	-8.573e+04	2649.91	-2.101e+04	-2.120e+05	-6.858e+06	0.0
737	162	-3.775e+04	359.97	-1.109e+04	-2.880e+04	-3.020e+06	0.0
737	210	-6.077e+04	-1012.90	-3.140e+04	8.103e+04	-4.862e+06	0.0
737	255	-5.045e+04	1647.25	-1.135e+04	-1.318e+05	-4.036e+06	0.0
737	287	-3.762e+04	712.96	-1.122e+04	-5.704e+04	-3.010e+06	0.0
737	289	-6.085e+04	-765.55	-3.134e+04	6.124e+04	-4.868e+06	0.0
737	309	-3.539e+04	1222.35	-1.130e+04	-9.779e+04	-2.831e+06	0.0
737	311	-4.840e+04	92.82	-2.489e+04	-7425.84	-3.872e+06	0.0
737	322	-4.511e+04	2232.27	-1.133e+04	-1.786e+05	-3.608e+06	0.0
737	324	-3.539e+04	1222.35	-1.130e+04	-9.779e+04	-2.831e+06	0.0
737	325	-1.488e+04	1955.01	-8806.45	-1.564e+05	-1.191e+06	0.0
737	327	-5.756e+04	3704.21	-1.363e+04	-2.963e+05	-4.605e+06	0.0
737	328	-5.590e+04	489.70	-1.380e+04	-3.918e+04	-4.472e+06	0.0
737	347	-4.453e+04	6946.67	-1.174e+04	-5.557e+05	-3.562e+06	0.0
737	357	-2.501e+04	1481.56	-1.006e+04	-1.185e+05	-2.000e+06	0.0
737	359	-4.636e+04	2360.52	-1.252e+04	-1.888e+05	-3.708e+06	0.0
737	360	-4.577e+04	963.15	-1.255e+04	-7.705e+04	-3.662e+06	0.0
737	379	-3.955e+04	3735.29	-1.162e+04	-2.988e+05	-3.164e+06	0.0
738	7	-1.006e+05	-5006.50	-4.696e+04	4.005e+05	-8.049e+06	0.0
738	124	-3.890e+04	-3372.51	-1.107e+04	2.698e+05	-3.112e+06	0.0
738	127	-1.007e+05	-5377.53	-4.688e+04	4.302e+05	-8.059e+06	0.0
738	210	-7.409e+04	-3573.20	-3.478e+04	2.859e+05	-5.927e+06	0.0
738	268	-3.839e+04	-2712.43	-1.121e+04	2.170e+05	-3.071e+06	0.0
738	270	-7.416e+04	-3820.56	-3.472e+04	3.056e+05	-5.933e+06	0.0
738	310	-3.577e+04	-2222.09	-1.129e+04	1.778e+05	-2.862e+06	0.0
738	311	-5.605e+04	-1949.90	-2.672e+04	1.560e+05	-4.484e+06	0.0
738	324	-3.539e+04	-1222.36	-1.130e+04	9.779e+04	-2.831e+06	0.0
738	334	-1.469e+04	-1947.27	-8774.11	1.558e+05	-1.176e+06	0.0
738	335	-5.608e+04	-497.44	-1.383e+04	3.980e+04	-4.487e+06	0.0
738	336	-5.737e+04	-3696.46	-1.360e+04	2.957e+05	-4.590e+06	0.0
738	344	-4.390e+04	-6920.86	-1.164e+04	5.537e+05	-3.512e+06	0.0
738	366	-2.501e+04	-1481.56	-1.006e+04	1.185e+05	-2.000e+06	0.0
738	367	-4.577e+04	-963.15	-1.255e+04	7.705e+04	-3.662e+06	0.0
738	368	-4.636e+04	-2360.52	-1.252e+04	1.888e+05	-3.708e+06	0.0
738	376	-3.955e+04	-3735.30	-1.162e+04	2.988e+05	-3.164e+06	0.0
739	73	-9.701e+04	-4510.31	-2.694e+04	3.608e+05	-7.761e+06	0.0
739	127	-1.125e+05	-2497.52	-5.483e+04	1.998e+05	-9.000e+06	0.0
739	182	-4.016e+04	-2263.76	-1.162e+04	1.811e+05	-3.213e+06	0.0
739	270	-8.274e+04	-1750.59	-4.054e+04	1.400e+05	-6.619e+06	0.0
739	282	-4.700e+04	-2869.52	-1.234e+04	2.296e+05	-3.760e+06	0.0
739	302	-4.569e+04	-2362.34	-1.220e+04	1.890e+05	-3.655e+06	0.0
739	311	-6.052e+04	-788.47	-3.073e+04	6.308e+04	-4.842e+06	0.0
739	319	-4.391e+04	-1872.16	-1.225e+04	1.498e+05	-3.513e+06	0.0
739	322	-4.432e+04	-1616.72	-1.223e+04	1.293e+05	-3.545e+06	0.0
739	324	-3.524e+04	-1192.32	-1.229e+04	9.539e+04	-2.819e+06	0.0
739	334	-1.610e+04	-1321.55	-1.522e+04	1.057e+05	-1.288e+06	0.0
739	335	-5.438e+04	-1063.08	-9354.43	8.505e+04	-4.350e+06	0.0
739	336	-5.928e+04	-3256.14	-9939.75	2.605e+05	-4.742e+06	0.0
739	344	-4.982e+04	-5198.49	-1.248e+04	4.159e+05	-3.986e+06	0.0
739	368	-4.727e+04	-2190.02	-1.097e+04	1.752e+05	-3.782e+06	0.0
739	370	-2.546e+04	-1028.95	-1.369e+04	8.232e+04	-2.037e+06	0.0
739	371	-4.502e+04	-1355.68	-1.089e+04	1.085e+05	-3.602e+06	0.0
739	376	-4.257e+04	-3079.00	-1.200e+04	2.463e+05	-3.405e+06	0.0

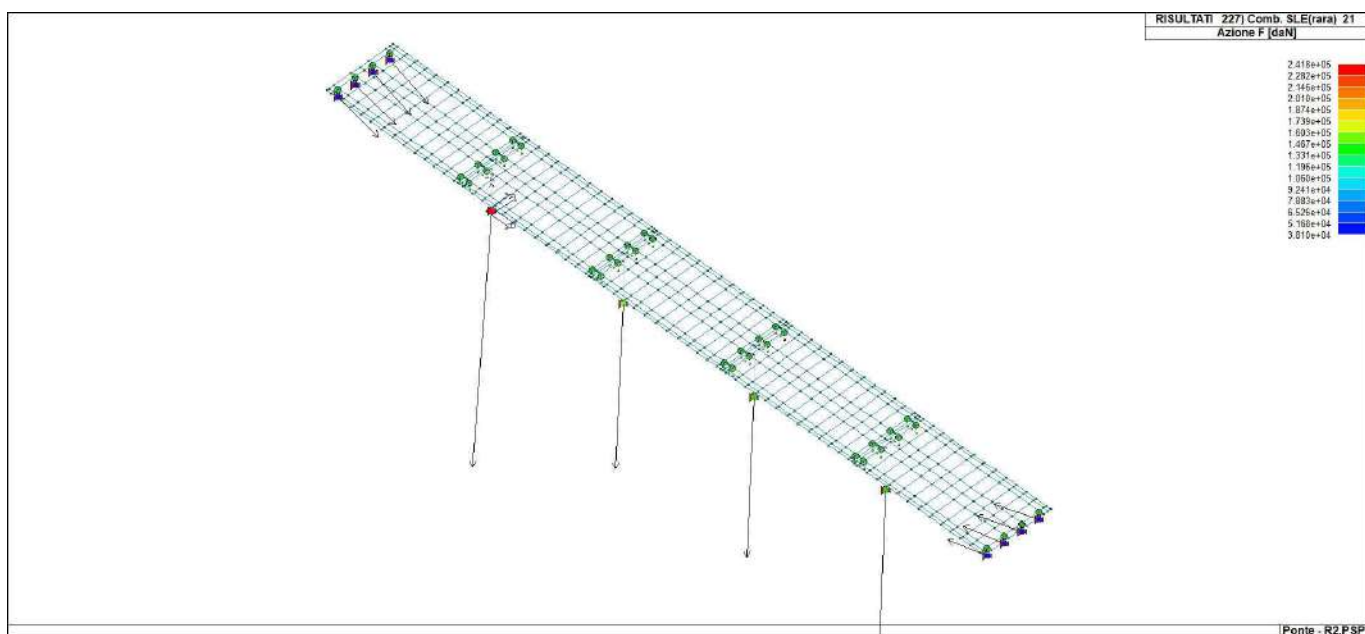
Nodo		Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		-1.125e+05	-6.370e+04	-3.791e+05	-9.485e+06	-9.000e+06	-6.320e+05
		1.066e+05	1.982e+04	-8774.11	3.049e+07	8.525e+06	5.773e+05

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	33	1.163e+04	-9835.65	-3.790e+05	-3.162e+06	3.599e+05	7.720e+04
	327	-5636.13	9429.23	-1.298e+05	-4.539e+06	-2.186e+06	4.035e+04
	351	-1716.25	4.432e+04	-1.411e+05	-2.073e+07	-6.628e+05	3.148e+05
	350	1704.42	-4.432e+04	-1.504e+05	2.073e+07	6.590e+05	-3.148e+05
	149	-8690.36	-1.018e+04	-3.174e+05	-1.338e+06	-6.826e+06	3.174e+05
3	325	5766.30	6879.79	-1.609e+05	-3.343e+06	2.220e+06	7.583e+04
	57	1.159e+04	-1.028e+04	-3.791e+05	-2.956e+06	3.427e+05	8.621e+04
	326	9048.57	-1.082e+04	-1.401e+05	5.334e+06	3.492e+06	-1.037e+04
	349	2733.05	5.058e+04	-1.442e+05	-2.397e+07	1.053e+06	-1.546e+05
	352	-2735.16	-5.058e+04	-1.474e+05	2.397e+07	-1.054e+06	1.546e+05
5	149	-1.236e+04	-7866.79	-2.500e+05	-5.404e+05	-5.872e+06	-3.680e+04
	325	9176.48	1.238e+04	-1.406e+05	-6.075e+06	3.528e+06	7.609e+04
	81	1.214e+04	-1.028e+04	-3.791e+05	-2.953e+06	6.012e+05	8.573e+04
	336	-9229.24	-1.982e+04	-1.401e+05	9.485e+06	-3.540e+06	-1.597e+05

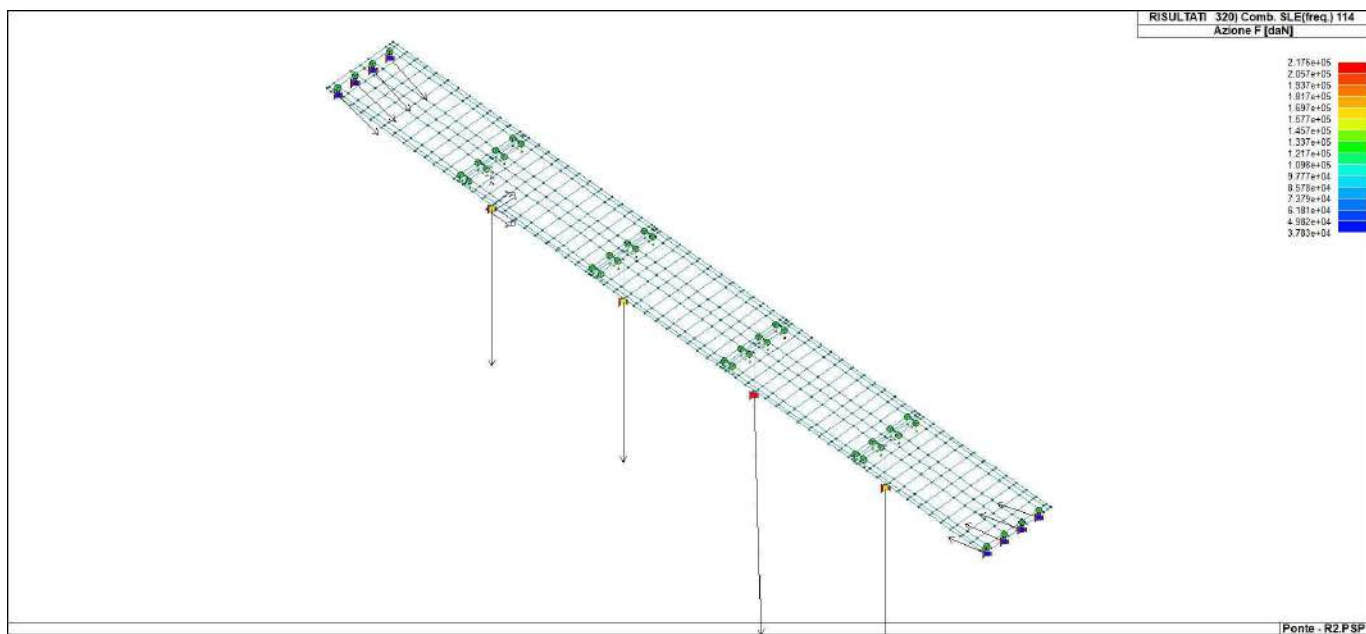
7	343	-2343.95	6.370e+04	-1.450e+05	-3.049e+07	-9.526e+05	6.320e+05
	342	2346.06	-6.370e+04	-1.466e+05	3.049e+07	9.536e+05	-6.320e+05
	50	-8698.71	-5903.81	-1.959e+05	-1.400e+06	-4.132e+06	-3.474e+04
	105	8959.33	-5854.01	-2.500e+05	-1.424e+06	4.256e+06	3.772e+04
	97	5593.97	-1.296e+04	-3.399e+05	-5.887e+05	-9.446e+05	3.778e+05
	327	-5748.20	1.298e+04	-1.297e+05	-6.179e+06	-2.218e+06	-1.925e+05
	341	1539.94	4.789e+04	-1.487e+05	-2.277e+07	6.053e+05	-5.773e+05
732	344	-1528.11	-4.789e+04	-1.428e+05	2.277e+07	-6.015e+05	5.773e+05
	74	-4880.35	-5696.91	-1.959e+05	-1.495e+06	-2.320e+06	-2.755e+04
	165	8005.19	-5037.27	-2.949e+05	-2.993e+06	5.601e+06	-2.295e+05
	17	5.402e+04	-1723.71	-4.330e+04	1.379e+05	4.321e+06	0.0
	326	5.547e+04	1348.59	-9542.98	-1.079e+05	4.437e+06	0.0
	353	4.995e+04	5016.99	-1.173e+04	-4.014e+05	3.996e+06	0.0
	140	2.779e+04	-3319.79	-3.593e+04	2.656e+05	2.223e+06	0.0
733	332	1.117e+04	-817.05	-1.486e+04	6.536e+04	8.932e+05	0.0
	49	7.376e+04	3516.63	-1.897e+04	-2.813e+05	5.901e+06	0.0
	17	6.301e+04	5940.19	-5.212e+04	-4.752e+05	5.041e+06	0.0
	327	1.440e+04	1477.42	-8851.45	-1.182e+05	1.152e+06	0.0
	353	4.371e+04	6309.07	-1.192e+04	-5.047e+05	3.497e+06	0.0
	356	2.706e+04	-3864.37	-1.068e+04	3.091e+05	2.165e+06	0.0
	332	1.346e+04	-1068.22	-8920.05	8.546e+04	1.077e+06	0.0
734	49	7.937e+04	2411.56	-2.099e+04	-1.929e+05	6.350e+06	0.0
	17	7.307e+04	-1.022e+04	-6.104e+04	8.176e+05	5.846e+06	0.0
	336	1.447e+04	-1483.20	-8857.17	1.187e+05	1.157e+06	0.0
	351	2.706e+04	3864.36	-1.068e+04	-3.091e+05	2.165e+06	0.0
	17	7.307e+04	-1.022e+04	-6.104e+04	8.176e+05	5.846e+06	0.0
	339	1.346e+04	1068.22	-8920.05	-8.546e+04	1.077e+06	0.0
	149	9.474e+04	-5121.79	-4.064e+04	4.097e+05	7.579e+06	0.0
735	17	7.815e+04	543.05	-6.455e+04	-4.344e+04	6.252e+06	0.0
	337	5.434e+04	-1117.56	-9578.66	8.940e+04	4.347e+06	0.0
	351	2.053e+04	2632.33	-1.284e+04	-2.106e+05	1.642e+06	0.0
	350	4.995e+04	-5016.99	-1.173e+04	4.014e+05	3.996e+06	0.0
	339	1.117e+04	817.05	-1.486e+04	-6.536e+04	8.932e+05	0.0
	149	1.066e+05	-2828.55	-4.816e+04	2.263e+05	8.525e+06	0.0
	165	-6.699e+04	501.88	-3.681e+04	-4.015e+04	-5.360e+06	0.0
736	328	-5.409e+04	1063.33	-9383.98	-8.507e+04	-4.327e+06	0.0
	347	-5.079e+04	5197.65	-1.238e+04	-4.158e+05	-4.063e+06	0.0
	346	-1.970e+04	-2813.02	-1.220e+04	2.250e+05	-1.576e+06	0.0
	97	-8.019e+04	3902.77	-1.894e+04	-3.122e+05	-6.416e+06	0.0
	326	-1.092e+04	-871.26	-1.467e+04	6.970e+04	-8.733e+05	0.0
	7	-8.252e+04	-1497.99	-4.241e+04	1.198e+05	-6.602e+06	0.0
	325	-1.488e+04	1955.01	-8806.45	-1.564e+05	-1.191e+06	0.0
737	347	-4.453e+04	6946.67	-1.174e+04	-5.557e+05	-3.562e+06	0.0
	346	-2.625e+04	-4501.96	-1.086e+04	3.602e+05	-2.100e+06	0.0
	97	-8.573e+04	2649.91	-2.101e+04	-2.120e+05	-6.858e+06	0.0
	326	-1.322e+04	-1259.50	-8973.62	1.008e+05	-1.058e+06	0.0
	7	-1.006e+05	-5006.50	-4.696e+04	4.005e+05	-8.049e+06	0.0
	334	-1.469e+04	-1947.27	-8774.11	1.558e+05	-1.176e+06	0.0
	341	-2.688e+04	4476.15	-1.097e+04	-3.581e+05	-2.150e+06	0.0
738	344	-4.390e+04	-6920.86	-1.164e+04	5.537e+05	-3.512e+06	0.0
	127	-1.007e+05	-5377.53	-4.688e+04	4.302e+05	-8.059e+06	0.0
	333	-1.341e+04	1251.75	-9005.96	-1.001e+05	-1.073e+06	0.0
	127	-1.125e+05	-2497.52	-5.483e+04	1.998e+05	-9.000e+06	0.0
	335	-5.438e+04	-1063.08	-9354.43	8.505e+04	-4.350e+06	0.0
	341	-2.066e+04	2813.86	-1.210e+04	-2.251e+05	-1.653e+06	0.0
	344	-4.982e+04	-5198.49	-1.248e+04	4.159e+05	-3.986e+06	0.0
739	127	-1.125e+05	-2497.52	-5.483e+04	1.998e+05	-9.000e+06	0.0
	333	-1.121e+04	871.51	-1.464e+04	-6.972e+04	-8.965e+05	0.0



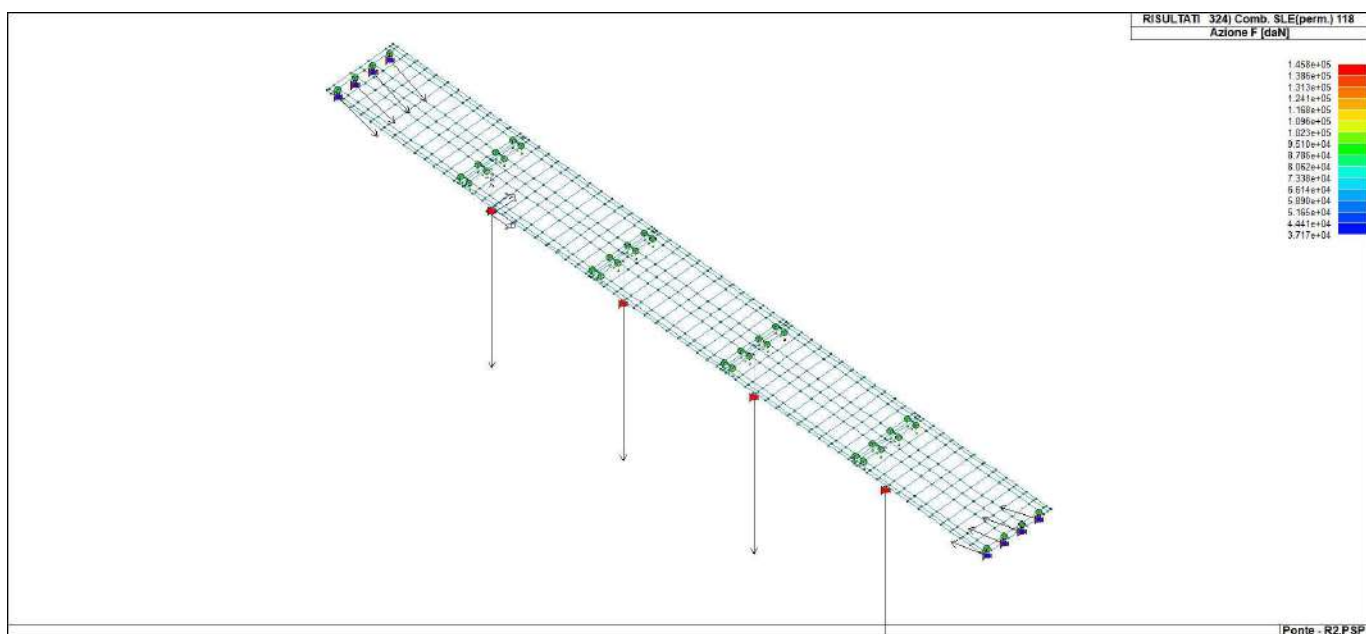
42_RIS_REAZIONI_041_Comb. SLU A1 41



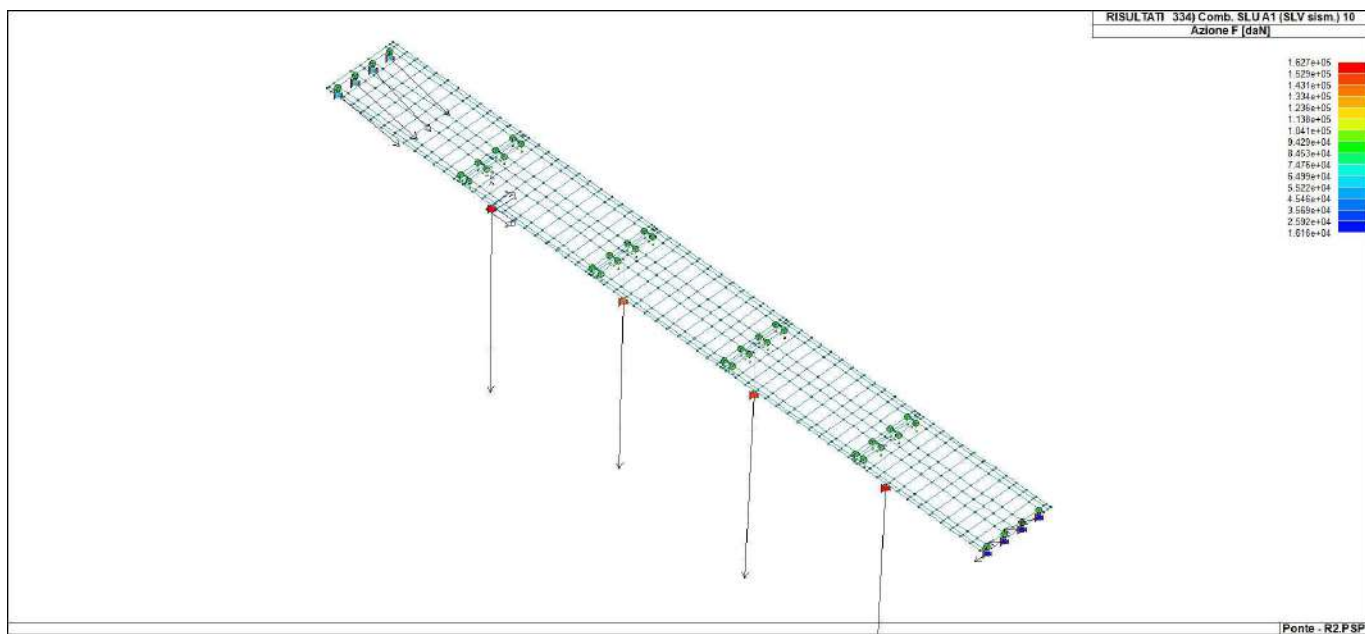
42_RIS_REAZIONI_227_Comb. SLE(rara) 21



42_RIS_REAZIONI_320_Comb. SLE(freq.) 114



42_RIS_REAZIONI_324_Comb. SLE(perm.) 118



42_RIS_REAZIONI_334_Comb. SLU A1 (SLV sism.) 10

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**

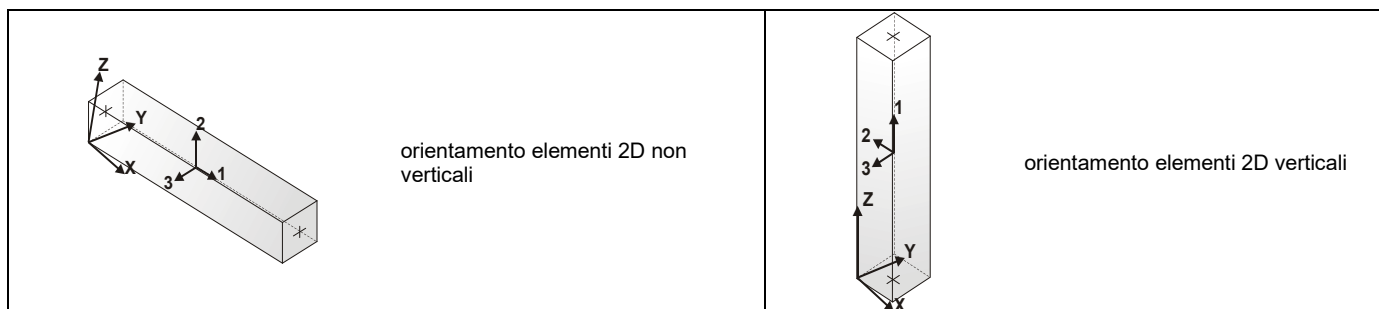
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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.



71	305	2.608e+06	1.461e+05	5.26e-03	0.0	0.0	-2.989e+04	-3.260e+04	-1826.69	0.0	1.461e+05	2.608e+06
		0.0	0.0	2.54e-05	0.0	80.0	-2.989e+04	-3.260e+04	-1826.69	0.0	0.0	0.0
71	311	3.616e+06	0.0	-1.69e-03	0.0	0.0	-1.273e+04	-4.520e+04	1846.69	0.0	-1.477e+05	3.616e+06
		0.0	-1.477e+05	-2.23e-05	0.0	80.0	-1.273e+04	-4.520e+04	1846.69	0.0	0.0	0.0
71	314	2.771e+06	5.704e+04	3.56e-03	0.0	0.0	-2.536e+04	-3.464e+04	-712.94	0.0	5.704e+04	2.771e+06
		0.0	0.0	-2.23e-05	0.0	80.0	-2.536e+04	-3.464e+04	-712.94	0.0	0.0	0.0
71	316	3.384e+06	0.0	-3.62e-03	0.0	0.0	-1.202e+04	-4.230e+04	1477.24	0.0	-1.182e+05	3.384e+06
		0.0	-1.182e+05	2.70e-05	0.0	80.0	-1.202e+04	-4.230e+04	1477.24	0.0	0.0	0.0
71	324	2.825e+06	0.0	1.80e-05	0.0	0.0	-1.207e+04	-3.532e+04	1105.61	0.0	-8.845e+04	2.825e+06
		0.0	-8.845e+04	4.12e-05	0.0	80.0	-1.207e+04	-3.532e+04	1105.61	0.0	0.0	0.0
71	330	4.057e+06	0.0	-4.04e-03	0.0	0.0	-9154.79	-5.071e+04	986.39	0.0	-7.891e+04	4.057e+06
		-2.20e-06	-7.891e+04	2.51e-04	0.0	80.0	-9154.79	-5.071e+04	986.39	0.0	0.0	-2.20e-06
71	331	1.594e+06	0.0	4.08e-03	0.0	0.0	-1.498e+04	-1.993e+04	1224.83	0.0	-9.799e+04	1.594e+06
		2.20e-06	-9.799e+04	-1.68e-04	0.0	80.0	-1.498e+04	-1.993e+04	1224.83	0.0	0.0	2.20e-06
71	336	1.384e+06	9295.56	4.09e-03	0.0	0.0	-1.450e+04	-1.731e+04	-116.19	0.0	9295.56	1.384e+06
		-5.04e-06	0.0	1.86e-04	0.0	80.0	-1.450e+04	-1.731e+04	-116.19	0.0	0.0	-5.04e-06
71	337	4.293e+06	0.0	-4.04e-03	0.0	0.0	-9700.88	-5.367e+04	2705.62	0.0	-2.164e+05	4.293e+06
		4.75e-06	-2.164e+05	-1.69e-04	0.0	80.0	-9700.88	-5.367e+04	2705.62	0.0	0.0	4.75e-06
71	349	3.624e+06	0.0	-1.19e-03	0.0	0.0	-1.214e+04	-4.530e+04	4390.58	0.0	-3.512e+05	3.624e+06
		0.0	-3.512e+05	-5.92e-04	0.0	80.0	-1.214e+04	-4.530e+04	4390.58	0.0	0.0	0.0
71	352	2.027e+06	1.743e+05	1.23e-03	0.0	0.0	-1.200e+04	-2.533e+04	-2179.36	0.0	1.743e+05	2.027e+06
		0.0	0.0	6.75e-04	0.0	80.0	-1.200e+04	-2.533e+04	-2179.36	0.0	0.0	0.0
71	362	3.442e+06	0.0	-2.04e-03	0.0	0.0	-1.058e+04	-4.303e+04	1050.12	0.0	-8.401e+04	3.442e+06
		-1.10e-06	-8.401e+04	1.46e-04	0.0	80.0	-1.058e+04	-4.303e+04	1050.12	0.0	0.0	-1.10e-06
71	363	2.208e+06	0.0	2.08e-03	0.0	0.0	-1.356e+04	-2.761e+04	1161.11	0.0	-9.289e+04	2.208e+06
		1.09e-06	-9.289e+04	-6.24e-05	0.0	80.0	-1.356e+04	-2.761e+04	1161.11	0.0	0.0	1.09e-06
71	367	2.188e+06	0.0	2.08e-03	0.0	0.0	-1.353e+04	-2.735e+04	1132.27	0.0	-9.058e+04	2.188e+06
		-2.44e-06	-9.058e+04	-1.85e-05	0.0	80.0	-1.353e+04	-2.735e+04	1132.27	0.0	0.0	-2.44e-06
71	369	3.560e+06	0.0	-2.04e-03	0.0	0.0	-1.085e+04	-4.450e+04	1902.55	0.0	-1.522e+05	3.560e+06
		2.35e-06	-1.522e+05	-6.30e-05	0.0	80.0	-1.085e+04	-4.450e+04	1902.55	0.0	0.0	2.35e-06
71	381	3.224e+06	0.0	-5.95e-04	0.0	0.0	-1.209e+04	-4.030e+04	2736.47	0.0	-2.189e+05	3.224e+06
		0.0	-2.189e+05	-2.73e-04	0.0	80.0	-1.209e+04	-4.030e+04	2736.47	0.0	0.0	0.0
71	384	2.427e+06	4.202e+04	6.31e-04	0.0	0.0	-1.205e+04	-3.034e+04	-525.25	0.0	4.202e+04	2.427e+06
		0.0	0.0	3.57e-04	0.0	80.0	-1.205e+04	-3.034e+04	-525.25	0.0	0.0	0.0
72	41	0.0	1.235e+05	-3.82e-03	0.0	0.0	-4.263e+04	5.642e+04	-1543.75	0.0	1.235e+05	-4.514e+06
		-4.514e+06	0.0	-1.36e-04	0.0	80.0	-4.263e+04	5.642e+04	-1543.75	0.0	0.0	0.0
72	44	0.0	1.546e+05	-2.66e-03	0.0	0.0	-3.033e+04	3.540e+04	-1932.95	0.0	1.546e+05	-2.832e+06
		-2.832e+06	0.0	4.03e-05	0.0	80.0	-3.033e+04	3.540e+04	-1932.95	0.0	0.0	0.0
72	73	0.0	0.0	-3.44e-03	0.0	0.0	-1.864e+04	7.312e+04	3183.48	0.0	-2.547e+05	-5.850e+06
		-5.850e+06	-2.547e+05	-7.69e-05	0.0	80.0	-1.864e+04	7.312e+04	3183.48	0.0	0.0	0.0
72	97	0.0	0.0	-2.47e-03	0.0	0.0	-1.865e+04	6.909e+04	2478.61	0.0	-1.983e+05	-5.527e+06
		-5.527e+06	-1.983e+05	-2.96e-05	0.0	80.0	-1.865e+04	6.909e+04	2478.61	0.0	0.0	0.0
72	144	0.0	0.0	2.39e-03	0.0	0.0	-1.143e+04	3.179e+04	210.04	0.0	-1.680e+04	-2.544e+06
		-2.544e+06	-1.680e+04	1.90e-04	0.0	80.0	-1.143e+04	3.179e+04	210.04	0.0	0.0	0.0
72	227	0.0	1.466e+05	-2.88e-03	0.0	0.0	-2.979e+04	3.330e+04	-1833.02	0.0	1.466e+05	-2.664e+06
		-2.664e+06	0.0	4.38e-05	0.0	80.0	-2.979e+04	3.330e+04	-1833.02	0.0	0.0	0.0
72	255	0.0	0.0	-1.89e-03	0.0	0.0	-1.203e+04	4.268e+04	1146.51	0.0	-9.172e+04	-3.415e+06
		-3.415e+06	-9.172e+04	1.23e-04	0.0	80.0	-1.203e+04	4.268e+04	1146.51	0.0	0.0	0.0
72	283	-3.56e-06	0.0	0.01	0.0	0.0	-1.199e+04	4.012e+04	884.46	0.0	-7.076e+04	-3.210e+06
		-3.210e+06	-7.076e+04	1.05e-04	0.0	80.0	-1.199e+04	4.012e+04	884.46	0.0	0.0	-3.56e-06
72	289	0.0	0.0	-1.78e-03	0.0	0.0	-1.384e+04	5.108e+04	2005.49	0.0	-1.604e+05	-4.086e+06
		-4.086e+06	-1.604e+05	-4.69e-05	0.0	80.0	-1.384e+04	5.108e+04	2005.49	0.0	0.0	0.0
72	311	0.0	0.0	-1.73e-03	0.0	0.0	-1.273e+04	4.557e+04	1854.87	0.0	-1.484e+05	-3.645e+06
		-3.645e+06	-1.484e+05	-2.23e-05	0.0	80.0	-1.273e+04	4.557e+04	1854.87	0.0	0.0	0.0
72	315	0.0	5.364e+04	-2.56e-03	0.0	0.0	-2.536e+04	3.544e+04	-670.48	0.0	5.364e+04	-2.835e+06
		-2.835e+06	0.0	-1.92e-05	0.0	80.0	-2.536e+04	3.544e+04	-670.48	0.0	0.0	0.0
72	318	0.0	0.0	-3.90e-04	0.0	0.0	-1.202e+04	3.694e+04	1261.53	0.0	-1.009e+05	-2.955e+06
		-2.955e+06	-1.009e+05	3.56e-05	0.0	80.0	-1.202e+04	3.694e+04	1261.53	0.0	0.0	0.0
72	319	0.0	0.0	-2.35e-03	0.0	0.0	-1.203e+04	4.472e+04	1955.76	0.0	-1.565e+05	-3.578e+06
		-3.578e+06	-1.565e+05	1.38e-05	0.0	80.0	-1.203e+04	4.472e+04	1955.76	0.0	0.0	0.0
72	322	0.0	0.0	-1.81e-03	0.0	0.0	-1.204e+04	4.248e+04	1564.16	0.0	-1.251e+05	-3.398e+06
		-3.398e+06	-1.251e+05	4.10e-05	0.0	80.0	-1.204e+04	4.248e+04	1564.16	0.0	0.0	0.0
72	324	0.0	0.0	-1.24e-05	0.0	0.0	-1.207e+04	3.532e+04	1105.35	0.0	-8.843e+04	-2.825e+06
		-2.825e+06	-8.843e+04	4.13e-05	0.0	80.0	-1.207e+04	3.532e+04	1105.35	0.0	0.0	0.0
72	326	-2.65e-06	0.0	-4.07e-03	0.0	0.0	-1.033e+04	5.099e+04	599.18	0.0	-4.793e+04	-4.079e+06
		-4.079e+06	-4.793e+04	1.50e-04	0.0	80.0	-1.033e+04	5.099e+04	599.18	0.0	0.0	-2.65e-06
72	327	2.65e-06	0.0	4.05e-03	0.0	0.0	-1.382e+04	1.964e+04	1611.52	0.0	-1.289e+05	-1.571e+06
		-1.571e+06	-1.289e+05	-6.64e-05	0.0	80.0	-1.382e+04	1.964e+04	1611.52	0.0	0.0	2.65e-06
72	329	-2.27e-06	0.0	-4.08e-03	0.0	0.0	-1.090e+04	5.352e+04	2763.15	0.0	-2.211e+05	-4.282e+06
		-4.282e+06	-2.211e+05	-1.69e-04	0.0	80.0	-1.090e+04	5.352e+04	2763.15	0.0	0.0	-2.27e-06
72	331	2.69e-06	0.0	4.06e-03	0.0	0.0	-1.371e+04	1.995e+04	2112.73	0.0	-1.690e+05	-1.596e+06
		-1.596e+06	-1.690e+05	-1.32e-04	0.0	80.0	-1.371e+04	1.995e+04	2112.73	0.0	0.0	2.69e-06
72	353	0.0	0.0	-1.23e-03	0.0	0.0	-1.243e+04	4.502e+04	5770.42	0.0	-4.616e+05	-3.602e+06
		-3.602e+06	-4.616e+05	-5.92e-04	0.0	80.0	-1.243e+04	4.502e+04	5770.42	0.0	0.0	0.0
72	356	0.0	2.848e+05	1.20e-03	0.0	0.0	-1.172e+04	2.561e+04	-3559.73	0.0	2.848e+05	-2.049e+06
		-2.049e+06	0.0	6.76e-04	0.0	80.0	-1.172e+04	2.561e+04	-3559.73	0.0	0.0	0.0
72	358	-1.19e-06	0.0	-2.08e-03	0.0	0.0	-1.117e+04	4.324e+04	887.29	0.0	-7.098e+04	-3.459e+06

		-3.459e+06	-7.098e+04	1.02e-04	0.0	80.0	-1.117e+04	4.324e+04	887.29	0.0	0.0	-1.19e-06
72	359	1.19e-06	0.0	2.05e-03	0.0	0.0	-1.298e+04	2.739e+04	1323.41	0.0	-1.059e+05	-2.192e+06
		-2.192e+06	-1.059e+05	-1.87e-05	0.0	80.0	-1.298e+04	2.739e+04	1323.41	0.0	0.0	1.19e-06
72	361	-1.14e-06	0.0	-2.07e-03	0.0	0.0	-1.147e+04	4.443e+04	1930.48	0.0	-1.544e+05	-3.554e+06
		-3.554e+06	-1.544e+05	-6.28e-05	0.0	80.0	-1.147e+04	4.443e+04	1930.48	0.0	0.0	-1.14e-06
72	363	1.35e-06	0.0	2.05e-03	0.0	0.0	-1.291e+04	2.762e+04	1604.96	0.0	-1.284e+05	-2.209e+06
		-2.209e+06	-1.284e+05	-4.44e-05	0.0	80.0	-1.291e+04	2.762e+04	1604.96	0.0	0.0	1.35e-06
72	385	0.0	0.0	-6.29e-04	0.0	0.0	-1.224e+04	4.016e+04	3424.98	0.0	-2.740e+05	-3.213e+06
		-3.213e+06	-2.740e+05	-2.73e-04	0.0	80.0	-1.224e+04	4.016e+04	3424.98	0.0	0.0	0.0
72	388	0.0	9.714e+04	6.04e-04	0.0	0.0	-1.191e+04	3.048e+04	-1214.28	0.0	9.714e+04	-2.438e+06
		-2.438e+06	0.0	3.57e-04	0.0	80.0	-1.191e+04	3.048e+04	-1214.28	0.0	0.0	0.0
75	33	4.975e+06	0.0	7.15e-03	0.0	0.0	-5.165e+04	-6.219e+04	6855.27	0.0	-5.484e+05	4.975e+06
		0.0	-5.484e+05	-2.07e-04	0.0	80.0	-5.165e+04	-6.219e+04	6855.27	0.0	0.0	0.0
75	122	2.534e+06	4.169e+04	7.97e-04	0.0	0.0	-1.103e+04	-3.167e+04	-521.09	0.0	4.169e+04	2.534e+06
		0.0	0.0	2.10e-04	0.0	80.0	-1.103e+04	-3.167e+04	-521.09	0.0	0.0	0.0
75	162	2.564e+06	0.0	7.97e-04	0.0	0.0	-1.090e+04	-3.205e+04	682.27	0.0	-5.458e+04	2.564e+06
		0.0	-5.458e+04	1.11e-04	0.0	80.0	-1.090e+04	-3.205e+04	682.27	0.0	0.0	0.0
75	187	6.457e+06	0.0	0.02	0.0	0.0	-3.672e+04	-8.072e+04	1875.14	0.0	-1.500e+05	6.457e+06
		5.25e-06	-1.500e+05	-1.62e-04	0.0	80.0	-3.672e+04	-8.072e+04	1875.14	0.0	0.0	5.25e-06
75	197	4.981e+06	0.0	7.15e-03	0.0	0.0	-5.156e+04	-6.227e+04	7187.75	0.0	-5.750e+05	4.981e+06
		0.0	-5.750e+05	-2.29e-04	0.0	80.0	-5.156e+04	-6.227e+04	7187.75	0.0	0.0	0.0
75	223	2.691e+06	0.0	5.23e-03	0.0	0.0	-3.411e+04	-3.363e+04	4727.31	0.0	-3.782e+05	2.691e+06
		0.0	-3.782e+05	-7.79e-06	0.0	80.0	-3.411e+04	-3.363e+04	4727.31	0.0	0.0	0.0
75	232	3.419e+06	0.0	-3.09e-03	0.0	0.0	-1.117e+04	-4.273e+04	470.18	0.0	-3.761e+04	3.419e+06
		0.0	-3.761e+04	1.14e-04	0.0	80.0	-1.117e+04	-4.273e+04	470.18	0.0	0.0	0.0
75	287	2.705e+06	0.0	5.35e-04	0.0	0.0	-1.104e+04	-3.381e+04	1090.58	0.0	-8.725e+04	2.705e+06
		0.0	-8.725e+04	8.20e-05	0.0	80.0	-1.104e+04	-3.381e+04	1090.58	0.0	0.0	0.0
75	289	4.378e+06	0.0	-1.73e-03	0.0	0.0	-1.526e+04	-5.472e+04	1866.48	0.0	-1.493e+05	4.378e+06
		0.0	-1.493e+05	-6.56e-05	0.0	80.0	-1.526e+04	-5.472e+04	1866.48	0.0	0.0	0.0
75	305	2.694e+06	0.0	5.23e-03	0.0	0.0	-3.405e+04	-3.368e+04	4948.96	0.0	-3.959e+05	2.694e+06
		0.0	-3.959e+05	-2.23e-05	0.0	80.0	-3.405e+04	-3.368e+04	4948.96	0.0	0.0	0.0
75	309	2.825e+06	0.0	1.79e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.21	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.21	0.0	0.0	0.0
75	310	2.807e+06	0.0	1.78e-05	0.0	0.0	-1.115e+04	-3.509e+04	828.33	0.0	-6.627e+04	2.807e+06
		0.0	-6.627e+04	1.06e-04	0.0	80.0	-1.115e+04	-3.509e+04	828.33	0.0	0.0	0.0
75	311	3.731e+06	0.0	-1.69e-03	0.0	0.0	-1.282e+04	-4.664e+04	2217.32	0.0	-1.774e+05	3.731e+06
		0.0	-1.774e+05	-4.04e-05	0.0	80.0	-1.282e+04	-4.664e+04	2217.32	0.0	0.0	0.0
75	314	2.819e+06	0.0	3.54e-03	0.0	0.0	-2.837e+04	-3.524e+04	4686.83	0.0	-3.749e+05	2.819e+06
		0.0	-3.749e+05	-6.24e-05	0.0	80.0	-2.837e+04	-3.524e+04	4686.83	0.0	0.0	0.0
75	324	2.825e+06	0.0	1.79e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.21	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.21	0.0	0.0	0.0
75	328	1.455e+06	3.815e+04	4.09e-03	0.0	0.0	-8767.95	-1.818e+04	-476.86	0.0	3.815e+04	1.455e+06
		-3.17e-06	0.0	1.31e-04	0.0	80.0	-8767.95	-1.818e+04	-476.86	0.0	0.0	-3.17e-06
75	330	4.137e+06	0.0	-4.04e-03	0.0	0.0	-1.363e+04	-5.171e+04	1472.34	0.0	-1.178e+05	4.137e+06
		2.86e-06	-1.178e+05	2.31e-04	0.0	80.0	-1.363e+04	-5.171e+04	1472.34	0.0	0.0	2.86e-06
75	331	1.513e+06	0.0	4.08e-03	0.0	0.0	-8645.71	-1.891e+04	1892.09	0.0	-1.514e+05	1.513e+06
		-2.86e-06	-1.514e+05	-1.84e-04	0.0	80.0	-8645.71	-1.891e+04	1892.09	0.0	0.0	-2.86e-06
75	337	4.200e+06	0.0	-4.04e-03	0.0	0.0	-1.345e+04	-5.250e+04	4350.47	0.0	-3.480e+05	4.200e+06
		1.30e-06	-3.480e+05	-1.88e-04	0.0	80.0	-1.345e+04	-5.250e+04	4350.47	0.0	0.0	1.30e-06
75	349	3.333e+06	0.0	-1.20e-03	0.0	0.0	-1.157e+04	-4.167e+04	7112.13	0.0	-5.690e+05	3.333e+06
		1.06e-06	-5.690e+05	-6.08e-04	0.0	80.0	-1.157e+04	-4.167e+04	7112.13	0.0	0.0	1.06e-06
75	352	2.317e+06	2.998e+05	1.23e-03	0.0	0.0	-1.070e+04	-2.896e+04	-3747.71	0.0	2.998e+05	2.317e+06
		-1.06e-06	0.0	6.54e-04	0.0	80.0	-1.070e+04	-2.896e+04	-3747.71	0.0	0.0	-1.06e-06
75	359	2.161e+06	0.0	2.08e-03	0.0	0.0	-9870.99	-2.701e+04	1643.43	0.0	-1.315e+05	2.161e+06
		-1.48e-06	-1.315e+05	-5.47e-05	0.0	80.0	-9870.99	-2.701e+04	1643.43	0.0	0.0	-1.48e-06
75	362	3.482e+06	0.0	-2.04e-03	0.0	0.0	-1.241e+04	-4.353e+04	1585.97	0.0	-1.269e+05	3.482e+06
		1.42e-06	-1.269e+05	1.26e-04	0.0	80.0	-1.241e+04	-4.353e+04	1585.97	0.0	0.0	1.42e-06
75	363	2.168e+06	0.0	2.08e-03	0.0	0.0	-9865.26	-2.710e+04	1778.45	0.0	-1.423e+05	2.168e+06
		-1.42e-06	-1.423e+05	-8.01e-05	0.0	80.0	-9865.26	-2.710e+04	1778.45	0.0	0.0	-1.42e-06
75	369	3.514e+06	0.0	-2.04e-03	0.0	0.0	-1.232e+04	-4.392e+04	3012.77	0.0	-2.410e+05	3.514e+06
		0.0	-2.410e+05	-8.16e-05	0.0	80.0	-1.232e+04	-4.392e+04	3012.77	0.0	0.0	0.0
75	381	3.079e+06	0.0	-5.97e-04	0.0	0.0	-1.136e+04	-3.849e+04	4377.86	0.0	-3.502e+05	3.079e+06
		0.0	-3.502e+05	-2.90e-04	0.0	80.0	-1.136e+04	-3.849e+04	4377.86	0.0	0.0	0.0
75	384	2.571e+06	8.107e+04	6.33e-04	0.0	0.0	-1.091e+04	-3.213e+04	-1013.44	0.0	8.107e+04	2.571e+06
		0.0	0.0	3.37e-04	0.0	80.0	-1.091e+04	-3.213e+04	-1013.44	0.0	0.0	0.0
76	41	0.0	0.0	-3.79e-03	0.0	0.0	-5.167e+04	6.339e+04	6927.73	0.0	-5.542e+05	-5.071e+06
		-5.071e+06	-5.542e+05	-2.02e-04	0.0	80.0	-5.167e+04	6.339e+04	6927.73	0.0	0.0	0.0
76	52	0.0	6.228e+04	-4.12e-03	0.0	0.0	-2.541e+04	4.976e+04	-778.55	0.0	6.228e+04	-3.981e+06
		-3.981e+06	0.0	7.93e-05	0.0	80.0	-2.541e+04	4.976e+04	-778.55	0.0	0.0	0.0
76	73	0.0	0.0	-3.44e-03	0.0	0.0	-2.070e+04	7.880e+04	3342.11	0.0	-2.674e+05	-6.304e+06
		-6.304e+06	-2.674e+05	-1.02e-04	0.0	80.0	-2.070e+04	7.880e+04	3342.11	0.0	0.0	0.0
76	149	3.66e-06	0.0	0.02	0.0	0.0	-2.069e+04	7.828e+04	1599.47	0.0	-1.280e+05	-6.262e+06
		-6.262e+06	-1.280e+05	-1.19e-04	0.0	80.0	-2.069e+04	7.828e+04	1599.47	0.0	0.0	3.66e-06
76	162	0.0	0.0	7.70e-04	0.0	0.0	-1.092e+04	3.183e+04	712.64	0.0	-5.701e+04	-2.546e+06
		-2.546e+06	-5.701e+04	1.11e-04	0.0	80.0	-1.092e+04	3.183e+04	712.64	0.0	0.0	0.0
76	227	0.0	0.0	-2.86e-03	0.0	0.0	-3.413e+04	3.453e+04	4737.09	0.0	-3.790e+05	-2.763e+06
		-2.763e+06	-3.790e+05	-3.53e-06	0.0	80.0	-3.413e+04	3.453e+04	4737.09	0.0	0.0	0.0

76	232	0.0	9617.64	-3.13e-03	0.0	0.0	-2.014e+04	4.198e+04	-120.22	0.0	9617.64	-3.358e+06
		-3.358e+06	0.0	1.15e-04	0.0	80.0	-2.014e+04	4.198e+04	-120.22	0.0	0.0	0.0
76	281	2.73e-06	0.0	0.01	0.0	0.0	-1.117e+04	4.558e+04	808.44	0.0	-6.468e+04	-3.646e+06
		-3.646e+06	-6.468e+04	5.64e-05	0.0	80.0	-1.117e+04	4.558e+04	808.44	0.0	0.0	2.73e-06
76	287	0.0	0.0	5.06e-04	0.0	0.0	-1.106e+04	3.367e+04	1110.79	0.0	-8.886e+04	-2.693e+06
		-2.693e+06	-8.886e+04	8.19e-05	0.0	80.0	-1.106e+04	3.367e+04	1110.79	0.0	0.0	0.0
76	289	0.0	0.0	-1.78e-03	0.0	0.0	-1.528e+04	5.520e+04	1910.04	0.0	-1.528e+05	-4.416e+06
		-4.416e+06	-1.528e+05	-6.57e-05	0.0	80.0	-1.528e+04	5.520e+04	1910.04	0.0	0.0	0.0
76	310	0.0	0.0	-1.23e-05	0.0	0.0	-1.115e+04	3.508e+04	767.63	0.0	-6.141e+04	-2.807e+06
		-2.807e+06	-6.141e+04	1.06e-04	0.0	80.0	-1.115e+04	3.508e+04	767.63	0.0	0.0	0.0
76	311	0.0	0.0	-1.73e-03	0.0	0.0	-1.283e+04	4.711e+04	2225.29	0.0	-1.780e+05	-3.769e+06
		-3.769e+06	-1.780e+05	-4.04e-05	0.0	80.0	-1.283e+04	4.711e+04	2225.29	0.0	0.0	0.0
76	313	2.15e-06	0.0	9.95e-03	0.0	0.0	-1.117e+04	4.438e+04	1870.14	0.0	-1.496e+05	-3.550e+06
		-3.550e+06	-1.496e+05	-2.51e-05	0.0	80.0	-1.117e+04	4.438e+04	1870.14	0.0	0.0	2.15e-06
76	315	0.0	0.0	-2.54e-03	0.0	0.0	-2.838e+04	3.602e+04	4693.73	0.0	-3.755e+05	-2.882e+06
		-2.882e+06	-3.755e+05	-5.92e-05	0.0	80.0	-2.838e+04	3.602e+04	4693.73	0.0	0.0	0.0
76	318	0.0	0.0	-3.90e-04	0.0	0.0	-1.110e+04	3.687e+04	1881.12	0.0	-1.505e+05	-2.949e+06
		-2.949e+06	-1.505e+05	1.71e-05	0.0	80.0	-1.110e+04	3.687e+04	1881.12	0.0	0.0	0.0
76	324	0.0	0.0	-1.24e-05	0.0	0.0	-1.114e+04	3.531e+04	1682.06	0.0	-1.346e+05	-2.825e+06
		-2.825e+06	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	1682.06	0.0	0.0	0.0
76	329	3.34e-06	0.0	-4.08e-03	0.0	0.0	-1.238e+04	5.211e+04	4848.65	0.0	-3.879e+05	-4.169e+06
		-4.169e+06	-3.879e+05	-1.86e-04	0.0	80.0	-1.238e+04	5.211e+04	4848.65	0.0	0.0	3.34e-06
76	330	3.44e-06	0.0	-4.08e-03	0.0	0.0	-1.256e+04	5.163e+04	316.96	0.0	-2.536e+04	-4.130e+06
		-4.130e+06	-2.536e+04	1.97e-04	0.0	80.0	-1.256e+04	5.163e+04	316.96	0.0	0.0	3.44e-06
76	331	-3.44e-06	0.0	4.06e-03	0.0	0.0	-9728.95	1.899e+04	3047.16	0.0	-2.438e+05	-1.520e+06
		-1.520e+06	-2.438e+05	-1.51e-04	0.0	80.0	-9728.95	1.899e+04	3047.16	0.0	0.0	-3.44e-06
76	336	4.78e-06	1.067e+05	4.07e-03	0.0	0.0	-9908.96	1.867e+04	-1333.91	0.0	1.067e+05	-1.494e+06
		-1.494e+06	0.0	1.29e-04	0.0	80.0	-9908.96	1.867e+04	-1333.91	0.0	0.0	4.78e-06
76	353	-1.51e-06	0.0	-1.23e-03	0.0	0.0	-1.125e+04	4.105e+04	9707.28	0.0	-7.766e+05	-3.284e+06
		-3.284e+06	-7.766e+05	-6.11e-04	0.0	80.0	-1.125e+04	4.105e+04	9707.28	0.0	0.0	-1.51e-06
76	356	1.51e-06	5.075e+05	1.21e-03	0.0	0.0	-1.104e+04	2.958e+04	-6343.16	0.0	5.075e+05	-2.366e+06
		-2.366e+06	0.0	6.57e-04	0.0	80.0	-1.104e+04	2.958e+04	-6343.16	0.0	0.0	1.51e-06
76	358	1.66e-06	0.0	-2.08e-03	0.0	0.0	-1.186e+04	4.352e+04	1492.42	0.0	-1.194e+05	-3.482e+06
		-3.482e+06	-1.194e+05	8.38e-05	0.0	80.0	-1.186e+04	4.352e+04	1492.42	0.0	0.0	1.66e-06
76	359	-1.66e-06	0.0	2.05e-03	0.0	0.0	-1.042e+04	2.710e+04	1871.70	0.0	-1.497e+05	-2.168e+06
		-2.168e+06	-1.497e+05	-3.76e-05	0.0	80.0	-1.042e+04	2.710e+04	1871.70	0.0	0.0	-1.66e-06
76	361	1.66e-06	0.0	-2.07e-03	0.0	0.0	-1.177e+04	4.373e+04	3259.46	0.0	-2.608e+05	-3.498e+06
		-3.498e+06	-2.608e+05	-8.10e-05	0.0	80.0	-1.177e+04	4.373e+04	3259.46	0.0	0.0	1.66e-06
76	372	2.28e-06	1.866e+04	2.05e-03	0.0	0.0	-1.052e+04	2.697e+04	-233.30	0.0	1.866e+04	-2.158e+06
		-2.158e+06	0.0	1.08e-04	0.0	80.0	-1.052e+04	2.697e+04	-233.30	0.0	0.0	2.28e-06
76	385	0.0	0.0	-6.29e-04	0.0	0.0	-1.120e+04	3.818e+04	5672.96	0.0	-4.538e+05	-3.054e+06
		-3.054e+06	-4.538e+05	-2.92e-04	0.0	80.0	-1.120e+04	3.818e+04	5672.96	0.0	0.0	0.0
76	388	0.0	1.847e+05	6.05e-04	0.0	0.0	-1.109e+04	3.244e+04	-2308.83	0.0	1.847e+05	-2.595e+06
		-2.595e+06	0.0	3.38e-04	0.0	80.0	-1.109e+04	3.244e+04	-2308.83	0.0	0.0	0.0
79	33	5.748e+06	8.713e+05	7.18e-03	0.0	0.0	-6.043e+04	-7.185e+04	-1.089e+04	0.0	8.713e+05	5.748e+06
		0.0	0.0	-3.45e-04	0.0	80.0	-6.043e+04	-7.185e+04	-1.089e+04	0.0	0.0	0.0
79	124	2.619e+06	2.604e+05	7.97e-04	0.0	0.0	-1.088e+04	-3.274e+04	-3255.31	0.0	2.604e+05	2.619e+06
		0.0	0.0	1.38e-04	0.0	80.0	-1.088e+04	-3.274e+04	-3255.31	0.0	0.0	0.0
79	149	7.542e+06	3.390e+05	0.02	0.0	0.0	-4.025e+04	-9.428e+04	-4237.43	0.0	3.390e+05	7.542e+06
		-1.19e-06	0.0	-2.46e-04	0.0	80.0	-4.025e+04	-9.428e+04	-4237.43	0.0	0.0	-1.19e-06
79	150	6.461e+06	2.821e+05	0.02	0.0	0.0	-3.624e+04	-8.077e+04	-3526.65	0.0	2.821e+05	6.461e+06
		-1.19e-06	0.0	-2.37e-04	0.0	80.0	-3.624e+04	-8.077e+04	-3526.65	0.0	0.0	-1.19e-06
79	171	5.125e+06	3.237e+05	-1.49e-03	0.0	0.0	-1.835e+04	-6.406e+04	-4046.55	0.0	3.237e+05	5.125e+06
		0.0	0.0	-3.47e-05	0.0	80.0	-1.835e+04	-6.406e+04	-4046.55	0.0	0.0	0.0
79	223	2.829e+06	5.582e+05	5.25e-03	0.0	0.0	-3.862e+04	-3.536e+04	-6977.64	0.0	5.582e+05	2.829e+06
		0.0	0.0	-9.14e-05	0.0	80.0	-3.862e+04	-3.536e+04	-6977.64	0.0	0.0	0.0
79	268	2.741e+06	2.239e+05	5.36e-04	0.0	0.0	-1.103e+04	-3.427e+04	-2798.35	0.0	2.239e+05	2.741e+06
		0.0	0.0	8.36e-05	0.0	80.0	-1.103e+04	-3.427e+04	-2798.35	0.0	0.0	0.0
79	270	4.844e+06	3.293e+05	-1.73e-03	0.0	0.0	-1.723e+04	-6.055e+04	-4116.58	0.0	3.293e+05	4.844e+06
		0.0	0.0	-9.74e-05	0.0	80.0	-1.723e+04	-6.055e+04	-4116.58	0.0	0.0	0.0
79	281	4.157e+06	1.619e+05	0.01	0.0	0.0	-2.369e+04	-5.196e+04	-2024.08	0.0	1.619e+05	4.157e+06
		0.0	0.0	-2.02e-05	0.0	80.0	-2.369e+04	-5.196e+04	-2024.08	0.0	0.0	0.0
79	292	3.800e+06	2.342e+05	-1.17e-03	0.0	0.0	-1.359e+04	-4.750e+04	-2928.02	0.0	2.342e+05	3.800e+06
		0.0	0.0	-3.25e-05	0.0	80.0	-1.359e+04	-4.750e+04	-2928.02	0.0	0.0	0.0
79	310	2.843e+06	2.029e+05	1.75e-05	0.0	0.0	-1.113e+04	-3.554e+04	-2536.10	0.0	2.029e+05	2.843e+06
		0.0	0.0	5.97e-05	0.0	80.0	-1.113e+04	-3.554e+04	-2536.10	0.0	0.0	0.0
79	311	3.903e+06	1.948e+05	-1.69e-03	0.0	0.0	-1.362e+04	-4.879e+04	-2434.62	0.0	1.948e+05	3.903e+06
		0.0	0.0	-9.09e-05	0.0	80.0	-1.362e+04	-4.879e+04	-2434.62	0.0	0.0	0.0
79	313	3.889e+06	9.699e+04	0.01	0.0	0.0	-2.060e+04	-4.861e+04	-1212.34	0.0	9.699e+04	3.889e+06
		0.0	0.0	-9.37e-05	0.0	80.0	-2.060e+04	-4.861e+04	-1212.34	0.0	0.0	0.0
79	314	2.895e+06	4.075e+05	3.55e-03	0.0	0.0	-3.177e+04	-3.619e+04	-5093.75	0.0	4.075e+05	2.895e+06
		0.0	0.0	-1.36e-04	0.0	80.0	-3.177e+04	-3.619e+04	-5093.75	0.0	0.0	0.0
79	316	3.733e+06	2.256e+05	-3.61e-03	0.0	0.0	-1.121e+04	-4.666e+04	-2820.21	0.0	2.256e+05	3.733e+06
		0.0	0.0	-6.24e-05	0.0	80.0	-1.121e+04	-4.666e+04	-2820.21	0.0	0.0	0.0
79	324	2.825e+06	1.346e+05	1.79e-05	0.0	0.0	-1.114e+04	-3.531e+04	-1682.21	0.0	1.346e+05	2.825e+06
		0.0	0.0	-2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	-1682.21	0.0	0.0	0.0
79	328	1.500e+06	1.105e+05	4.07e-03	0.0	0.0	-8666.23	-1.875e+04	-1381.01	0.0	1.105e+05	1.500e+06

		-6.03e-06	0.0	8.15e-05	0.0	80.0	-8666.23	-1.875e+04	-1381.01	0.0	0.0	-6.03e-06
79	330	4.200e+06	3.480e+05	-4.04e-03	0.0	0.0	-1.345e+04	-5.250e+04	-4350.47	0.0	3.480e+05	4.200e+06
		5.77e-06	0.0	1.88e-04	0.0	80.0	-1.345e+04	-5.250e+04	-4350.47	0.0	0.0	5.77e-06
79	337	4.137e+06	1.178e+05	-4.04e-03	0.0	0.0	-1.363e+04	-5.171e+04	-1472.34	0.0	1.178e+05	4.137e+06
		3.82e-06	0.0	-2.31e-04	0.0	80.0	-1.363e+04	-5.171e+04	-1472.34	0.0	0.0	3.82e-06
79	340	1.513e+06	1.514e+05	4.08e-03	0.0	0.0	-8645.70	-1.891e+04	-1892.09	0.0	1.514e+05	1.513e+06
		-3.82e-06	0.0	1.84e-04	0.0	80.0	-8645.70	-1.891e+04	-1892.09	0.0	0.0	-3.82e-06
79	354	3.333e+06	5.690e+05	-1.20e-03	0.0	0.0	-1.157e+04	-4.167e+04	-7112.13	0.0	5.690e+05	3.333e+06
		1.01e-06	0.0	6.08e-04	0.0	80.0	-1.157e+04	-4.167e+04	-7112.13	0.0	0.0	1.01e-06
79	355	2.317e+06	0.0	1.23e-03	0.0	0.0	-1.070e+04	-2.896e+04	3747.71	0.0	-2.998e+05	2.317e+06
		-1.01e-06	-2.998e+05	-6.54e-04	0.0	80.0	-1.070e+04	-2.896e+04	3747.71	0.0	0.0	-1.01e-06
79	362	3.514e+06	2.410e+05	-2.04e-03	0.0	0.0	-1.232e+04	-4.392e+04	-3012.77	0.0	2.410e+05	3.514e+06
		2.84e-06	0.0	8.16e-05	0.0	80.0	-1.232e+04	-4.392e+04	-3012.77	0.0	0.0	2.84e-06
79	364	2.168e+06	1.481e+05	2.08e-03	0.0	0.0	-9866.15	-2.710e+04	-1851.39	0.0	1.481e+05	2.168e+06
		-2.88e-06	0.0	6.19e-05	0.0	80.0	-9866.15	-2.710e+04	-1851.39	0.0	0.0	-2.88e-06
79	369	3.482e+06	1.269e+05	-2.04e-03	0.0	0.0	-1.241e+04	-4.353e+04	-1585.97	0.0	1.269e+05	3.482e+06
		1.91e-06	0.0	-1.26e-04	0.0	80.0	-1.241e+04	-4.353e+04	-1585.97	0.0	0.0	1.91e-06
79	372	2.168e+06	1.423e+05	2.08e-03	0.0	0.0	-9865.26	-2.710e+04	-1778.45	0.0	1.423e+05	2.168e+06
		-1.91e-06	0.0	8.01e-05	0.0	80.0	-9865.26	-2.710e+04	-1778.45	0.0	0.0	-1.91e-06
79	386	3.079e+06	3.502e+05	-5.97e-04	0.0	0.0	-1.136e+04	-3.849e+04	-4377.86	0.0	3.502e+05	3.079e+06
		0.0	0.0	2.90e-04	0.0	80.0	-1.136e+04	-3.849e+04	-4377.86	0.0	0.0	0.0
79	387	2.571e+06	0.0	6.33e-04	0.0	0.0	-1.091e+04	-3.213e+04	1013.44	0.0	-8.107e+04	2.571e+06
		0.0	-8.107e+04	-3.37e-04	0.0	80.0	-1.091e+04	-3.213e+04	1013.44	0.0	0.0	0.0
80	41	0.0	8.951e+05	-3.81e-03	0.0	0.0	-6.045e+04	7.308e+04	-1.119e+04	0.0	8.951e+05	-5.846e+06
		-5.846e+06	0.0	-3.38e-04	0.0	80.0	-6.045e+04	7.308e+04	-1.119e+04	0.0	0.0	0.0
80	49	0.0	3.988e+05	-5.80e-03	0.0	0.0	-4.029e+04	9.111e+04	-4985.53	0.0	3.988e+05	-7.289e+06
		-7.289e+06	0.0	-2.15e-04	0.0	80.0	-4.029e+04	9.111e+04	-4985.53	0.0	0.0	0.0
80	97	0.0	4.458e+05	-2.47e-03	0.0	0.0	-2.337e+04	8.285e+04	-5572.87	0.0	4.458e+05	-6.628e+06
		-6.628e+06	0.0	-1.37e-04	0.0	80.0	-2.337e+04	8.285e+04	-5572.87	0.0	0.0	0.0
80	124	0.0	2.775e+05	7.69e-04	0.0	0.0	-1.088e+04	3.252e+04	-3468.14	0.0	2.775e+05	-2.602e+06
		-2.602e+06	0.0	1.39e-04	0.0	80.0	-1.088e+04	3.252e+04	-3468.14	0.0	0.0	0.0
80	205	0.0	1.829e+05	-1.68e-05	0.0	0.0	-1.506e+04	4.782e+04	-2286.70	0.0	1.829e+05	-3.826e+06
		-3.826e+06	0.0	-3.07e-05	0.0	80.0	-1.506e+04	4.782e+04	-2286.70	0.0	0.0	0.0
80	210	0.0	3.174e+05	-1.78e-03	0.0	0.0	-1.730e+04	6.099e+04	-3967.31	0.0	3.174e+05	-4.879e+06
		-4.879e+06	0.0	-1.12e-04	0.0	80.0	-1.730e+04	6.099e+04	-3967.31	0.0	0.0	0.0
80	227	0.0	5.783e+05	-2.88e-03	0.0	0.0	-3.863e+04	3.628e+04	-7228.24	0.0	5.783e+05	-2.903e+06
		-2.903e+06	0.0	-8.63e-05	0.0	80.0	-3.863e+04	3.628e+04	-7228.24	0.0	0.0	0.0
80	255	0.0	2.454e+05	-1.89e-03	0.0	0.0	-1.117e+04	4.352e+04	-3067.90	0.0	2.454e+05	-3.482e+06
		-3.482e+06	0.0	6.25e-05	0.0	80.0	-1.117e+04	4.352e+04	-3067.90	0.0	0.0	0.0
80	268	0.0	2.352e+05	5.06e-04	0.0	0.0	-1.103e+04	3.412e+04	-2939.66	0.0	2.352e+05	-2.730e+06
		-2.730e+06	0.0	8.39e-05	0.0	80.0	-1.103e+04	3.412e+04	-2939.66	0.0	0.0	0.0
80	270	0.0	3.361e+05	-1.78e-03	0.0	0.0	-1.725e+04	6.104e+04	-4200.85	0.0	3.361e+05	-4.883e+06
		-4.883e+06	0.0	-9.72e-05	0.0	80.0	-1.725e+04	6.104e+04	-4200.85	0.0	0.0	0.0
80	311	0.0	1.930e+05	-1.73e-03	0.0	0.0	-1.363e+04	4.926e+04	-2413.07	0.0	1.930e+05	-3.941e+06
		-3.941e+06	0.0	-9.09e-05	0.0	80.0	-1.363e+04	4.926e+04	-2413.07	0.0	0.0	0.0
80	315	0.0	4.152e+05	-2.55e-03	0.0	0.0	-3.177e+04	3.699e+04	-5190.43	0.0	4.152e+05	-2.960e+06
		-2.960e+06	0.0	-1.33e-04	0.0	80.0	-3.177e+04	3.699e+04	-5190.43	0.0	0.0	0.0
80	318	0.0	1.319e+05	-3.90e-04	0.0	0.0	-1.110e+04	3.680e+04	-1648.30	0.0	1.319e+05	-2.944e+06
		-2.944e+06	0.0	-2.83e-05	0.0	80.0	-1.110e+04	3.680e+04	-1648.30	0.0	0.0	0.0
80	322	0.0	1.656e+05	-1.81e-03	0.0	0.0	-1.118e+04	4.242e+04	-2070.18	0.0	1.656e+05	-3.394e+06
		-3.394e+06	0.0	-2.09e-05	0.0	80.0	-1.118e+04	4.242e+04	-2070.18	0.0	0.0	0.0
80	324	0.0	1.346e+05	-1.24e-05	0.0	0.0	-1.114e+04	3.531e+04	-1682.06	0.0	1.346e+05	-2.825e+06
		-2.825e+06	0.0	-2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	-1682.06	0.0	0.0	0.0
80	327	2.49e-06	0.0	4.06e-03	0.0	0.0	-9931.03	1.875e+04	1327.97	0.0	-1.062e+05	-1.500e+06
		-1.500e+06	-1.062e+05	-1.30e-04	0.0	80.0	-9931.03	1.875e+04	1327.97	0.0	0.0	2.49e-06
80	333	2.29e-06	9.180e+04	-4.08e-03	0.0	0.0	-1.257e+04	5.172e+04	-1147.49	0.0	9.180e+04	-4.137e+06
		-4.137e+06	0.0	-1.32e-04	0.0	80.0	-1.257e+04	5.172e+04	-1147.49	0.0	0.0	2.29e-06
80	336	-2.29e+06	1.773e+05	4.05e-03	0.0	0.0	-9715.12	1.891e+04	-2216.63	0.0	1.773e+05	-1.512e+06
		-1.512e+06	0.0	8.59e-05	0.0	80.0	-9715.12	1.891e+04	-2216.63	0.0	0.0	-2.29e-06
80	338	2.09e-06	3.879e+05	-4.08e-03	0.0	0.0	-1.238e+04	5.211e+04	-4848.65	0.0	3.879e+05	-4.169e+06
		-4.169e+06	0.0	1.86e-04	0.0	80.0	-1.238e+04	5.211e+04	-4848.65	0.0	0.0	2.09e-06
80	350	0.0	7.766e+05	-1.23e-03	0.0	0.0	-1.125e+04	4.105e+04	-9707.28	0.0	7.766e+05	-3.284e+06
		-3.284e+06	0.0	6.11e-04	0.0	80.0	-1.125e+04	4.105e+04	-9707.28	0.0	0.0	0.0
80	351	0.0	0.0	1.21e-03	0.0	0.0	-1.104e+04	2.958e+04	6343.16	0.0	-5.075e+05	-2.366e+06
		-2.366e+06	-5.075e+05	-6.57e-04	0.0	80.0	-1.104e+04	2.958e+04	6343.16	0.0	0.0	0.0
80	360	1.15e-06	1.227e+05	2.05e-03	0.0	0.0	-1.043e+04	2.718e+04	-1533.73	0.0	1.227e+05	-2.174e+06
		-2.174e+06	0.0	5.63e-05	0.0	80.0	-1.043e+04	2.718e+04	-1533.73	0.0	0.0	1.15e-06
80	365	1.05e-06	1.194e+05	-2.08e-03	0.0	0.0	-1.186e+04	4.352e+04	-1492.42	0.0	1.194e+05	-3.482e+06
		-3.482e+06	0.0	-8.38e-05	0.0	80.0	-1.186e+04	4.352e+04	-1492.42	0.0	0.0	1.05e-06
80	368	-1.05e-06	1.497e+05	2.05e-03	0.0	0.0	-1.042e+04	2.710e+04	-1871.70	0.0	1.497e+05	-2.168e+06
		-2.168e+06	0.0	3.76e-05	0.0	80.0	-1.042e+04	2.710e+04	-1871.70	0.0	0.0	-1.05e-06
80	370	1.05e-06	2.608e+05	-2.07e-03	0.0	0.0	-1.177e+04	4.373e+04	-3259.46	0.0	2.608e+05	-3.498e+06
		-3.498e+06	0.0	8.10e-05	0.0	80.0	-1.177e+04	4.373e+04	-3259.46	0.0	0.0	1.05e-06
80	382	0.0	4.538e+05	-6.29e-04	0.0	0.0	-1.120e+04	3.818e+04	-5672.96	0.0	4.538e+05	-3.054e+06
		-3.054e+06	0.0	2.92e-04	0.0	80.0	-1.120e+04	3.818e+04	-5672.96	0.0	0.0	0.0
80	383	0.0	0.0	6.05e-04	0.0	0.0	-1.109e+04	3.244e+04	2308.83	0.0	-1.847e+05	-2.595e+06
		-2.595e+06	-1.847e+05	-3.38e-04	0.0	80.0	-1.109e+04	3.244e+04	2308.83	0.0	0.0	0.0

83	33	6.211e+06	0.0	7.24e-03	0.0	0.0	-6.361e+04	-7.764e+04	1134.50	0.0	-9.076e+04	6.211e+06
		0.0	-9.076e+04	-4.39e-04	0.0	80.0	-6.361e+04	-7.764e+04	1134.50	0.0	0.0	0.0
83	49	7.986e+06	3.556e+05	-5.75e-03	0.0	0.0	-2.647e+04	-9.983e+04	-4444.93	0.0	3.556e+05	7.986e+06
		0.0	0.0	-2.71e-04	0.0	80.0	-2.647e+04	-9.983e+04	-4444.93	0.0	0.0	0.0
83	149	8.138e+06	1.149e+05	0.02	0.0	0.0	-4.767e+04	-1.017e+05	-1436.67	0.0	1.149e+05	8.138e+06
		-1.15e-06	0.0	-3.06e-04	0.0	80.0	-4.767e+04	-1.017e+05	-1436.67	0.0	0.0	-1.15e-06
83	162	2.607e+06	1.210e+05	7.98e-04	0.0	0.0	-1.145e+04	-3.258e+04	-1512.76	0.0	1.210e+05	2.607e+06
		0.0	0.0	4.86e-05	0.0	80.0	-1.145e+04	-3.258e+04	-1512.76	0.0	0.0	0.0
83	188	6.990e+06	6.730e+04	0.02	0.0	0.0	-4.262e+04	-8.737e+04	-841.30	0.0	6.730e+04	6.990e+06
		-1.15e-06	0.0	-3.32e-04	0.0	80.0	-4.262e+04	-8.737e+04	-841.30	0.0	0.0	-1.15e-06
83	198	5.093e+06	0.0	7.23e-03	0.0	0.0	-5.869e+04	-6.367e+04	1563.85	0.0	-1.251e+05	5.093e+06
		0.0	-1.251e+05	-4.43e-04	0.0	80.0	-5.869e+04	-6.367e+04	1563.85	0.0	0.0	0.0
83	223	2.902e+06	0.0	5.29e-03	0.0	0.0	-3.951e+04	-3.628e+04	1260.83	0.0	-1.009e+05	2.902e+06
		0.0	-1.009e+05	-1.48e-04	0.0	80.0	-3.951e+04	-3.628e+04	1260.83	0.0	0.0	0.0
83	231	4.217e+06	2.298e+05	-4.33e-03	0.0	0.0	-1.200e+04	-5.272e+04	-2872.07	0.0	2.298e+05	4.217e+06
		0.0	0.0	-2.39e-05	0.0	80.0	-1.200e+04	-5.272e+04	-2872.07	0.0	0.0	0.0
83	270	5.171e+06	2.037e+05	-1.73e-03	0.0	0.0	-1.967e+04	-6.463e+04	-2545.82	0.0	2.037e+05	5.171e+06
		0.0	0.0	-1.28e-04	0.0	80.0	-1.967e+04	-6.463e+04	-2545.82	0.0	0.0	0.0
83	300	4.290e+06	3.612e+04	0.01	0.0	0.0	-2.758e+04	-5.362e+04	-451.45	0.0	3.612e+04	4.290e+06
		0.0	0.0	-8.06e-05	0.0	80.0	-2.758e+04	-5.362e+04	-451.45	0.0	0.0	0.0
83	305	2.885e+06	0.0	5.29e-03	0.0	0.0	-3.949e+04	-3.606e+04	1330.14	0.0	-1.064e+05	2.885e+06
		0.0	-1.064e+05	-1.63e-04	0.0	80.0	-3.949e+04	-3.606e+04	1330.14	0.0	0.0	0.0
83	311	4.019e+06	1.364e+05	-1.69e-03	0.0	0.0	-1.505e+04	-5.023e+04	-1705.45	0.0	1.364e+05	4.019e+06
		0.0	0.0	-1.14e-04	0.0	80.0	-1.505e+04	-5.023e+04	-1705.45	0.0	0.0	0.0
83	313	3.979e+06	3.238e+04	0.01	0.0	0.0	-2.371e+04	-4.974e+04	-404.70	0.0	3.238e+04	3.979e+06
		0.0	0.0	-1.22e-04	0.0	80.0	-2.371e+04	-4.974e+04	-404.70	0.0	0.0	0.0
83	314	2.926e+06	0.0	3.58e-03	0.0	0.0	-3.264e+04	-3.657e+04	931.49	0.0	-7.452e+04	2.926e+06
		0.0	-7.452e+04	-1.83e-04	0.0	80.0	-3.264e+04	-3.657e+04	931.49	0.0	0.0	0.0
83	316	3.912e+06	1.735e+05	-3.63e-03	0.0	0.0	-1.201e+04	-4.890e+04	-2168.19	0.0	1.735e+05	3.912e+06
		0.0	0.0	-9.01e-05	0.0	80.0	-1.201e+04	-4.890e+04	-2168.19	0.0	0.0	0.0
83	324	2.825e+06	8.845e+04	1.80e-05	0.0	0.0	-1.207e+04	-3.532e+04	-1105.61	0.0	8.845e+04	2.825e+06
		0.0	0.0	-4.12e-05	0.0	80.0	-1.207e+04	-3.532e+04	-1105.61	0.0	0.0	0.0
83	330	4.293e+06	2.164e+05	-4.04e-03	0.0	0.0	-9700.88	-5.367e+04	-2705.62	0.0	2.164e+05	4.293e+06
		-3.24e-06	0.0	1.69e-04	0.0	80.0	-9700.88	-5.367e+04	-2705.62	0.0	0.0	-3.24e-06
83	337	4.057e+06	7.891e+04	-4.04e-03	0.0	0.0	-9154.79	-5.071e+04	-986.39	0.0	7.891e+04	4.057e+06
		-2.69e-06	0.0	-2.51e-04	0.0	80.0	-9154.79	-5.071e+04	-986.39	0.0	0.0	-2.69e-06
83	338	4.293e+06	2.251e+05	-4.04e-03	0.0	0.0	-9674.12	-5.366e+04	-2814.32	0.0	2.251e+05	4.293e+06
		-3.55e-06	0.0	1.32e-04	0.0	80.0	-9674.12	-5.366e+04	-2814.32	0.0	0.0	-3.55e-06
83	340	1.594e+06	9.799e+04	4.08e-03	0.0	0.0	-1.498e+04	-1.993e+04	-1224.83	0.0	9.799e+04	1.594e+06
		2.70e-06	0.0	1.68e-04	0.0	80.0	-1.498e+04	-1.993e+04	-1224.83	0.0	0.0	2.70e-06
83	354	3.624e+06	3.512e+05	-1.19e-03	0.0	0.0	-1.214e+04	-4.530e+04	-4390.58	0.0	3.512e+05	3.624e+06
		-2.36e-06	0.0	5.92e-04	0.0	80.0	-1.214e+04	-4.530e+04	-4390.58	0.0	0.0	-2.36e-06
83	355	2.027e+06	0.0	1.23e-03	0.0	0.0	-1.200e+04	-2.533e+04	2179.36	0.0	-1.743e+05	2.027e+06
		2.36e-06	-1.743e+05	-6.75e-04	0.0	80.0	-1.200e+04	-2.533e+04	2179.36	0.0	0.0	2.36e-06
83	362	3.560e+06	1.522e+05	-2.04e-03	0.0	0.0	-1.085e+04	-4.450e+04	-1902.55	0.0	1.522e+05	3.560e+06
		-1.66e-06	0.0	6.30e-05	0.0	80.0	-1.085e+04	-4.450e+04	-1902.55	0.0	0.0	-1.66e-06
83	369	3.442e+06	8.401e+04	-2.04e-03	0.0	0.0	-1.058e+04	-4.303e+04	-1050.12	0.0	8.401e+04	3.442e+06
		-1.34e-06	0.0	-1.46e-04	0.0	80.0	-1.058e+04	-4.303e+04	-1050.12	0.0	0.0	-1.34e-06
83	370	3.560e+06	1.566e+05	-2.04e-03	0.0	0.0	-1.084e+04	-4.450e+04	-1957.00	0.0	1.566e+05	3.560e+06
		-1.76e-06	0.0	4.46e-05	0.0	80.0	-1.084e+04	-4.450e+04	-1957.00	0.0	0.0	-1.76e-06
83	372	2.208e+06	9.289e+04	2.08e-03	0.0	0.0	-1.356e+04	-2.761e+04	-1161.11	0.0	9.289e+04	2.208e+06
		1.34e-06	0.0	6.24e-05	0.0	80.0	-1.356e+04	-2.761e+04	-1161.11	0.0	0.0	1.34e-06
83	386	3.224e+06	2.189e+05	-5.95e-04	0.0	0.0	-1.209e+04	-4.030e+04	-2736.47	0.0	2.189e+05	3.224e+06
		-1.17e-06	0.0	2.73e-04	0.0	80.0	-1.209e+04	-4.030e+04	-2736.47	0.0	0.0	-1.17e-06
83	387	2.427e+06	0.0	6.31e-04	0.0	0.0	-1.205e+04	-3.034e+04	525.25	0.0	-4.202e+04	2.427e+06
		1.17e-06	-4.202e+04	-3.57e-04	0.0	80.0	-1.205e+04	-3.034e+04	525.25	0.0	0.0	1.17e-06
84	41	0.0	0.0	-3.87e-03	0.0	0.0	-6.361e+04	7.903e+04	861.61	0.0	-6.893e+04	-6.322e+06
		-6.322e+06	-6.893e+04	-4.32e-04	0.0	80.0	-6.361e+04	7.903e+04	861.61	0.0	0.0	0.0
84	42	0.0	0.0	-3.87e-03	0.0	0.0	-5.873e+04	6.539e+04	1186.91	0.0	-9.495e+04	-5.231e+06
		-5.231e+06	-9.495e+04	-4.15e-04	0.0	80.0	-5.873e+04	6.539e+04	1186.91	0.0	0.0	0.0
84	49	1.14e-06	1.397e+05	-5.84e-03	0.0	0.0	-4.759e+04	9.895e+04	-1746.27	0.0	1.397e+05	-7.916e+06
		-7.916e+06	0.0	-2.76e-04	0.0	80.0	-4.759e+04	9.895e+04	-1746.27	0.0	0.0	1.14e-06
84	149	-1.44e-06	3.791e+05	0.02	0.0	0.0	-2.662e+04	9.970e+04	-4738.24	0.0	3.791e+05	-7.976e+06
		-7.976e+06	0.0	-3.00e-04	0.0	80.0	-2.662e+04	9.970e+04	-4738.24	0.0	0.0	-1.44e-06
84	182	0.0	1.450e+05	2.39e-03	0.0	0.0	-1.144e+04	3.449e+04	-1812.42	0.0	1.450e+05	-2.760e+06
		-2.760e+06	0.0	3.51e-05	0.0	80.0	-1.144e+04	3.449e+04	-1812.42	0.0	0.0	0.0
84	227	0.0	0.0	-2.92e-03	0.0	0.0	-3.951e+04	3.733e+04	1048.69	0.0	-8.389e+04	-2.986e+06
		-2.986e+06	-8.389e+04	-1.43e-04	0.0	80.0	-3.951e+04	3.733e+04	1048.69	0.0	0.0	0.0
84	231	0.0	7.065e+04	-4.38e-03	0.0	0.0	-2.764e+04	5.208e+04	-883.07	0.0	7.065e+04	-4.167e+06
		-4.167e+06	0.0	-2.78e-05	0.0	80.0	-2.764e+04	5.208e+04	-883.07	0.0	0.0	0.0
84	270	0.0	2.107e+05	-1.79e-03	0.0	0.0	-1.967e+04	6.502e+04	-2633.45	0.0	2.107e+05	-5.201e+06
		-5.201e+06	0.0	-1.28e-04	0.0	80.0	-1.967e+04	6.502e+04	-2633.45	0.0	0.0	0.0
84	281	-1.05e-06	2.469e+05	0.01	0.0	0.0	-1.210e+04	5.261e+04	-3086.46	0.0	2.469e+05	-4.209e+06
		-4.209e+06	0.0	-4.70e-05	0.0	80.0	-1.210e+04	5.261e+04	-3086.46	0.0	0.0	-1.05e-06
84	300	-1.05e-06	2.317e+05	0.01	0.0	0.0	-1.198e+04	5.214e+04	-2895.99	0.0	2.317e+05	-4.171e+06
		-4.171e+06	0.0	-7.58e-05	0.0	80.0	-1.198e+04	5.214e+04	-2895.99	0.0	0.0	-1.05e-06
84	311	0.0	1.359e+05	-1.73e-03	0.0	0.0	-1.506e+04	5.060e+04	-1698.82	0.0	1.359e+05	-4.048e+06

		-4.048e+06	0.0	-1.14e-04	0.0	80.0	-1.506e+04	5.060e+04	-1698.82	0.0	0.0	0.0
84	313	0.0	1.733e+05	9.99e-03	0.0	0.0	-1.202e+04	4.871e+04	-2166.00	0.0	1.733e+05	-3.897e+06
		-3.897e+06	0.0	-1.18e-04	0.0	80.0	-1.202e+04	4.871e+04	-2166.00	0.0	0.0	0.0
84	315	0.0	0.0	-2.58e-03	0.0	0.0	-3.264e+04	3.743e+04	848.42	0.0	-6.787e+04	-2.995e+06
		-2.995e+06	-6.787e+04	-1.80e-04	0.0	80.0	-3.264e+04	3.743e+04	848.42	0.0	0.0	0.0
84	316	0.0	4.803e+04	-3.67e-03	0.0	0.0	-2.374e+04	4.850e+04	-600.40	0.0	4.803e+04	-3.880e+06
		-3.880e+06	0.0	-9.31e-05	0.0	80.0	-2.374e+04	4.850e+04	-600.40	0.0	0.0	0.0
84	318	0.0	9.279e+04	-3.90e-04	0.0	0.0	-1.200e+04	3.674e+04	-1159.90	0.0	9.279e+04	-2.939e+06
		-2.939e+06	0.0	-4.66e-05	0.0	80.0	-1.200e+04	3.674e+04	-1159.90	0.0	0.0	0.0
84	324	0.0	8.843e+04	-1.24e-05	0.0	0.0	-1.207e+04	3.532e+04	-1105.35	0.0	8.843e+04	-2.825e+06
		-2.825e+06	0.0	-4.13e-05	0.0	80.0	-1.207e+04	3.532e+04	-1105.35	0.0	0.0	0.0
84	333	5.44e-06	4.786e+04	-4.09e-03	0.0	0.0	-1.034e+04	5.107e+04	-598.23	0.0	4.786e+04	-4.086e+06
		-4.086e+06	0.0	-1.50e-04	0.0	80.0	-1.034e+04	5.107e+04	-598.23	0.0	0.0	5.44e-06
84	336	-5.44e-06	1.290e+05	4.07e-03	0.0	0.0	-1.381e+04	1.956e+04	-1612.47	0.0	1.290e+05	-1.565e+06
		-1.565e+06	0.0	6.65e-05	0.0	80.0	-1.381e+04	1.956e+04	-1612.47	0.0	0.0	-5.44e-06
84	337	6.31e-06	7837.62	-4.08e-03	0.0	0.0	-1.043e+04	5.068e+04	-97.97	0.0	7837.62	-4.054e+06
		-4.054e+06	0.0	-2.15e-04	0.0	80.0	-1.043e+04	5.068e+04	-97.97	0.0	0.0	6.31e-06
84	338	5.37e-06	2.211e+05	-4.08e-03	0.0	0.0	-1.090e+04	5.352e+04	-2763.15	0.0	2.211e+05	-4.282e+06
		-4.282e+06	0.0	1.69e-04	0.0	80.0	-1.090e+04	5.352e+04	-2763.15	0.0	0.0	5.37e-06
84	350	0.0	4.616e+05	-1.23e-03	0.0	0.0	-1.172e+04	2.561e+04	-3559.72	0.0	4.616e+05	-2.049e+06
		-3.602e+06	0.0	5.92e-04	0.0	80.0	-1.243e+04	4.502e+04	-5770.42	0.0	0.0	0.0
84	351	0.0	0.0	1.20e-03	0.0	0.0	-1.172e+04	2.561e+04	3559.72	0.0	-2.848e+05	-2.049e+06
		-2.049e+06	-2.848e+05	-6.76e-04	0.0	80.0	-1.172e+04	2.561e+04	3559.72	0.0	0.0	0.0
84	365	2.98e-06	7.098e+04	-2.08e-03	0.0	0.0	-1.117e+04	4.324e+04	-887.29	0.0	7.098e+04	-3.459e+06
		-3.459e+06	0.0	-1.02e-04	0.0	80.0	-1.117e+04	4.324e+04	-887.29	0.0	0.0	2.98e-06
84	368	-2.98e-06	1.059e+05	2.05e-03	0.0	0.0	-1.298e+04	2.739e+04	-1323.41	0.0	1.059e+05	-2.192e+06
		-2.192e+06	0.0	1.87e-05	0.0	80.0	-1.298e+04	2.739e+04	-1323.41	0.0	0.0	-2.98e-06
84	369	3.11e-06	4.846e+04	-2.08e-03	0.0	0.0	-1.124e+04	4.301e+04	-605.74	0.0	4.846e+04	-3.441e+06
		-3.441e+06	0.0	-1.28e-04	0.0	80.0	-1.124e+04	4.301e+04	-605.74	0.0	0.0	3.11e-06
84	370	2.64e-06	1.544e+05	-2.07e-03	0.0	0.0	-1.147e+04	4.443e+04	-1930.48	0.0	1.544e+05	-3.554e+06
		-3.554e+06	0.0	6.28e-05	0.0	80.0	-1.147e+04	4.443e+04	-1930.48	0.0	0.0	2.64e-06
84	382	0.0	2.740e+05	-6.29e-04	0.0	0.0	-1.224e+04	4.016e+04	-3424.98	0.0	2.740e+05	-3.213e+06
		-3.213e+06	0.0	2.73e-04	0.0	80.0	-1.224e+04	4.016e+04	-3424.98	0.0	0.0	0.0
84	383	0.0	0.0	6.04e-04	0.0	0.0	-1.191e+04	3.048e+04	1214.28	0.0	-9.714e+04	-2.438e+06
		-2.438e+06	-9.714e+04	-3.57e-04	0.0	80.0	-1.191e+04	3.048e+04	1214.28	0.0	0.0	0.0
99	57	4.544e+06	1.330e+05	7.22e-03	0.0	0.0	-4.264e+04	-5.680e+04	-1662.19	0.0	1.330e+05	4.544e+06
		0.0	0.0	-1.36e-04	0.0	80.0	-4.264e+04	-5.680e+04	-1662.19	0.0	0.0	0.0
99	60	2.871e+06	1.647e+05	5.69e-03	0.0	0.0	-3.033e+04	-3.589e+04	-2058.69	0.0	1.647e+05	2.871e+06
		0.0	0.0	4.83e-05	0.0	80.0	-3.033e+04	-3.589e+04	-2058.69	0.0	0.0	0.0
99	97	5.685e+06	0.0	-5.48e-03	0.0	0.0	-1.865e+04	-7.106e+04	2566.78	0.0	-2.053e+05	5.685e+06
		-1.63e-06	-2.053e+05	-6.18e-05	0.0	80.0	-1.865e+04	-7.106e+04	2566.78	0.0	0.0	-1.63e-06
99	144	2.674e+06	0.0	2.25e-03	0.0	0.0	-1.143e+04	-3.343e+04	176.50	0.0	-1.412e+04	2.674e+06
		0.0	-1.412e+04	2.10e-04	0.0	80.0	-1.143e+04	-3.343e+04	176.50	0.0	0.0	0.0
99	187	6.148e+06	0.0	0.01	0.0	0.0	-1.876e+04	-7.685e+04	3375.88	0.0	-2.701e+05	6.148e+06
		0.0	-2.701e+05	-9.61e-05	0.0	80.0	-1.876e+04	-7.685e+04	3375.88	0.0	0.0	0.0
99	235	2.668e+06	1.549e+05	5.26e-03	0.0	0.0	-2.980e+04	-3.335e+04	-1935.83	0.0	1.549e+05	2.668e+06
		0.0	0.0	4.81e-05	0.0	80.0	-2.980e+04	-3.335e+04	-1935.83	0.0	0.0	0.0
99	255	3.513e+06	0.0	-4.16e-03	0.0	0.0	-1.203e+04	-4.391e+04	1196.73	0.0	-9.574e+04	3.513e+06
		-1.18e-06	-9.574e+04	1.03e-04	0.0	80.0	-1.203e+04	-4.391e+04	1196.73	0.0	0.0	-1.18e-06
99	283	3.520e+06	0.0	7.13e-03	0.0	0.0	-1.198e+04	-4.400e+04	1236.80	0.0	-9.894e+04	3.520e+06
		0.0	-9.894e+04	1.30e-04	0.0	80.0	-1.198e+04	-4.400e+04	1236.80	0.0	0.0	0.0
99	289	4.184e+06	0.0	-3.93e-03	0.0	0.0	-1.385e+04	-5.230e+04	2053.35	0.0	-1.643e+05	4.184e+06
		0.0	-1.643e+05	-4.58e-05	0.0	80.0	-1.385e+04	-5.230e+04	2053.35	0.0	0.0	0.0
99	311	3.658e+06	0.0	-3.52e-03	0.0	0.0	-1.273e+04	-4.572e+04	1907.72	0.0	-1.526e+05	3.658e+06
		0.0	-1.526e+05	-2.35e-05	0.0	80.0	-1.273e+04	-4.572e+04	1907.72	0.0	0.0	0.0
99	313	3.654e+06	0.0	6.36e-03	0.0	0.0	-1.203e+04	-4.568e+04	1978.01	0.0	-1.582e+05	3.654e+06
		0.0	-1.582e+05	1.45e-05	0.0	80.0	-1.203e+04	-4.568e+04	1978.01	0.0	0.0	0.0
99	317	2.782e+06	5.758e+04	3.37e-03	0.0	0.0	-2.537e+04	-3.478e+04	-719.72	0.0	5.758e+04	2.782e+06
		0.0	0.0	-2.05e-05	0.0	80.0	-2.537e+04	-3.478e+04	-719.72	0.0	0.0	0.0
99	322	3.416e+06	0.0	-3.69e-03	0.0	0.0	-1.204e+04	-4.270e+04	1629.70	0.0	-1.304e+05	3.416e+06
		0.0	-1.304e+05	2.06e-05	0.0	80.0	-1.204e+04	-4.270e+04	1629.70	0.0	0.0	0.0
99	324	2.825e+06	0.0	1.63e-05	0.0	0.0	-1.207e+04	-3.532e+04	1105.28	0.0	-8.842e+04	2.825e+06
		0.0	-8.842e+04	4.13e-05	0.0	80.0	-1.207e+04	-3.532e+04	1105.28	0.0	0.0	0.0
99	326	3.233e+06	0.0	-6.35e-03	0.0	0.0	-1.036e+04	-4.041e+04	737.72	0.0	-5.902e+04	3.233e+06
		5.15e-06	-5.902e+04	2.37e-04	0.0	80.0	-1.036e+04	-4.041e+04	737.72	0.0	0.0	5.15e-06
99	327	2.418e+06	0.0	6.38e-03	0.0	0.0	-1.379e+04	-3.022e+04	1472.84	0.0	-1.178e+05	2.418e+06
		-5.15e-06	-1.178e+05	-1.54e-04	0.0	80.0	-1.379e+04	-3.022e+04	1472.84	0.0	0.0	-5.15e-06
99	337	3.514e+06	0.0	-6.36e-03	0.0	0.0	-1.097e+04	-4.393e+04	2751.99	0.0	-2.202e+05	3.514e+06
		-4.22e-06	-2.202e+05	-1.95e-04	0.0	80.0	-1.097e+04	-4.393e+04	2751.99	0.0	0.0	-4.22e-06
99	349	3.467e+06	0.0	-1.90e-03	0.0	0.0	-1.256e+04	-4.333e+04	5907.81	0.0	-4.726e+05	3.467e+06
		2.02e-06	-4.726e+05	-7.07e-04	0.0	80.0	-1.256e+04	-4.333e+04	5907.81	0.0	0.0	2.02e-06
99	352	2.184e+06	2.958e+05	1.93e-03	0.0	0.0	-1.159e+04	-2.730e+04	-3697.25	0.0	2.958e+05	2.184e+06
		-2.02e-06	0.0	7.91e-04	0.0	80.0	-1.159e+04	-2.730e+04	-3697.25	0.0	0.0	-2.02e-06
99	362	3.018e+06	0.0	-3.21e-03	0.0	0.0	-1.123e+04	-3.772e+04	721.75	0.0	-5.774e+04	3.018e+06
		2.26e-06	-5.774e+04	1.59e-04	0.0	80.0	-1.123e+04	-3.772e+04	721.75	0.0	0.0	2.26e-06
99	363	2.633e+06	0.0	3.24e-03	0.0	0.0	-1.292e+04	-3.291e+04	1488.80	0.0	-1.191e+05	2.633e+06
		-2.26e-06	-1.191e+05	-7.57e-05	0.0	80.0	-1.292e+04	-3.291e+04	1488.80	0.0	0.0	-2.26e-06

99	364	2.489e+06	0.0	3.24e-03	0.0	0.0	-1.265e+04	-3.111e+04	111.15	0.0	-8892.08	2.489e+06
		-2.45e-06	-8892.08	1.49e-04	0.0	80.0	-1.265e+04	-3.111e+04	111.15	0.0	0.0	-2.45e-06
99	369	3.170e+06	0.0	-3.21e-03	0.0	0.0	-1.151e+04	-3.962e+04	1924.62	0.0	-1.540e+05	3.170e+06
		-2.11e-06	-1.540e+05	-7.61e-05	0.0	80.0	-1.151e+04	-3.962e+04	1924.62	0.0	0.0	-2.11e-06
99	381	3.145e+06	0.0	-9.53e-04	0.0	0.0	-1.231e+04	-3.931e+04	3492.96	0.0	-2.794e+05	3.145e+06
		1.01e-06	-2.794e+05	-3.30e-04	0.0	80.0	-1.231e+04	-3.931e+04	3492.96	0.0	0.0	1.01e-06
99	384	2.506e+06	1.026e+05	9.86e-04	0.0	0.0	-1.184e+04	-3.132e+04	-1282.40	0.0	1.026e+05	2.506e+06
		-1.01e-06	0.0	4.14e-04	0.0	80.0	-1.184e+04	-3.132e+04	-1282.40	0.0	0.0	-1.01e-06
100	65	0.0	2.046e+04	-2.03e-03	0.0	0.0	-3.380e+04	5.710e+04	-255.71	0.0	2.046e+04	-4.568e+06
		-4.568e+06	0.0	-1.10e-04	0.0	80.0	-3.380e+04	5.710e+04	-255.71	0.0	0.0	0.0
100	68	0.0	7.709e+04	-1.22e-03	0.0	0.0	-2.372e+04	3.605e+04	-963.63	0.0	7.709e+04	-2.884e+06
		-2.884e+06	0.0	6.72e-05	0.0	80.0	-2.372e+04	3.605e+04	-963.63	0.0	0.0	0.0
100	73	3.59e-06	0.0	-9.14e-03	0.0	0.0	-3.204e+04	6.713e+04	1779.02	0.0	-1.423e+05	-5.370e+06
		-5.370e+06	-1.423e+05	-5.56e-05	0.0	80.0	-3.204e+04	6.713e+04	1779.02	0.0	0.0	3.59e-06
100	89	-1.23e-06	0.0	-5.91e-03	0.0	0.0	-1.864e+04	7.299e+04	3175.03	0.0	-2.540e+05	-5.839e+06
		-5.839e+06	-2.540e+05	-7.59e-05	0.0	80.0	-1.864e+04	7.299e+04	3175.03	0.0	0.0	-1.23e-06
100	144	0.0	0.0	2.22e-03	0.0	0.0	-1.143e+04	3.295e+04	289.81	0.0	-2.318e+04	-2.636e+06
		-2.636e+06	-2.318e+04	2.10e-04	0.0	80.0	-1.143e+04	3.295e+04	289.81	0.0	0.0	0.0
100	187	-2.84e-06	0.0	0.01	0.0	0.0	-1.877e+04	7.425e+04	3102.15	0.0	-2.482e+05	-5.940e+06
		-5.940e+06	-2.482e+05	-9.55e-05	0.0	80.0	-1.877e+04	7.425e+04	3102.15	0.0	0.0	-2.84e-06
100	239	0.0	7.165e+04	-1.59e-03	0.0	0.0	-2.325e+04	3.359e+04	-895.61	0.0	7.165e+04	-2.687e+06
		-2.687e+06	0.0	6.69e-05	0.0	80.0	-2.325e+04	3.359e+04	-895.61	0.0	0.0	0.0
100	243	2.68e-06	0.0	-6.86e-03	0.0	0.0	-2.195e+04	4.102e+04	611.59	0.0	-4.893e+04	-3.281e+06
		-3.281e+06	-4.893e+04	1.08e-04	0.0	80.0	-2.195e+04	4.102e+04	611.59	0.0	0.0	2.68e-06
100	283	-1.61e-06	0.0	7.09e-03	0.0	0.0	-1.199e+04	4.253e+04	1111.11	0.0	-8.889e+04	-3.402e+06
		-3.402e+06	-8.889e+04	1.30e-04	0.0	80.0	-1.199e+04	4.253e+04	1111.11	0.0	0.0	-1.61e-06
100	289	0.0	0.0	-3.97e-03	0.0	0.0	-1.383e+04	5.317e+04	2114.62	0.0	-1.692e+05	-4.253e+06
		-4.253e+06	-1.692e+05	-4.59e-05	0.0	80.0	-1.383e+04	5.317e+04	2114.62	0.0	0.0	0.0
100	311	0.0	0.0	-3.56e-03	0.0	0.0	-1.272e+04	4.649e+04	1893.53	0.0	-1.515e+05	-3.719e+06
		-3.719e+06	-1.515e+05	-2.35e-05	0.0	80.0	-1.272e+04	4.649e+04	1893.53	0.0	0.0	0.0
100	318	0.0	354.80	-1.77e-03	0.0	0.0	-2.046e+04	3.509e+04	-4.43	0.0	354.80	-2.807e+06
		-2.807e+06	0.0	-6.29e-06	0.0	80.0	-2.046e+04	3.509e+04	-4.43	0.0	0.0	0.0
100	319	2.15e-06	0.0	-5.73e-03	0.0	0.0	-1.194e+04	4.065e+04	1125.97	0.0	-9.008e+04	-3.252e+06
		-3.252e+06	-9.008e+04	2.41e-05	0.0	80.0	-1.194e+04	4.065e+04	1125.97	0.0	0.0	2.15e-06
100	321	0.0	0.0	-3.93e-03	0.0	0.0	-1.204e+04	4.391e+04	1901.53	0.0	-1.521e+05	-3.513e+06
		-3.513e+06	-1.521e+05	1.28e-05	0.0	80.0	-1.204e+04	4.391e+04	1901.53	0.0	0.0	0.0
100	323	0.0	0.0	-3.62e-03	0.0	0.0	-1.203e+04	4.315e+04	1591.82	0.0	-1.273e+05	-3.452e+06
		-3.452e+06	-1.273e+05	4.11e-05	0.0	80.0	-1.203e+04	4.315e+04	1591.82	0.0	0.0	0.0
100	324	0.0	0.0	-1.41e-05	0.0	0.0	-1.207e+04	3.532e+04	1105.29	0.0	-8.842e+04	-2.825e+06
		-2.825e+06	-8.842e+04	4.13e-05	0.0	80.0	-1.207e+04	3.532e+04	1105.29	0.0	0.0	0.0
100	329	2.79e-06	0.0	-6.40e-03	0.0	0.0	-1.194e+04	4.358e+04	1922.59	0.0	-1.538e+05	-3.486e+06
		-3.486e+06	-1.538e+05	-1.94e-04	0.0	80.0	-1.194e+04	4.358e+04	1922.59	0.0	0.0	2.79e-06
100	334	1.42e-05	0.0	-6.38e-03	0.0	0.0	-1.130e+04	3.995e+04	433.04	0.0	-3.464e+04	-3.196e+06
		-3.196e+06	-3.464e+04	2.37e-04	0.0	80.0	-1.130e+04	3.995e+04	433.04	0.0	0.0	1.42e-05
100	346	5.77e-06	1.673e+05	-1.88e-03	0.0	0.0	-1.050e+04	3.200e+04	-2091.69	0.0	1.673e+05	-2.560e+06
		-2.560e+06	0.0	6.60e-04	0.0	80.0	-1.050e+04	3.200e+04	-2091.69	0.0	0.0	5.77e-06
100	347	-5.77e-06	0.0	1.85e-03	0.0	0.0	-1.365e+04	3.864e+04	4302.26	0.0	-3.442e+05	-3.091e+06
		-3.091e+06	-3.442e+05	-5.77e-04	0.0	80.0	-1.365e+04	3.864e+04	4302.26	0.0	0.0	-5.77e-06
100	353	4.29e-06	0.0	-1.93e-03	0.0	0.0	-1.263e+04	4.335e+04	4554.40	0.0	-3.644e+05	-3.468e+06
		-3.468e+06	-3.644e+05	-7.05e-04	0.0	80.0	-1.263e+04	4.335e+04	4554.40	0.0	0.0	4.29e-06
100	356	-4.29e-06	1.875e+05	1.91e-03	0.0	0.0	-1.152e+04	2.728e+04	-2343.82	0.0	1.875e+05	-2.182e+06
		-2.182e+06	0.0	7.88e-04	0.0	80.0	-1.152e+04	2.728e+04	-2343.82	0.0	0.0	-4.29e-06
100	361	1.37e-06	0.0	-3.24e-03	0.0	0.0	-1.201e+04	3.945e+04	1510.67	0.0	-1.209e+05	-3.156e+06
		-3.156e+06	-1.209e+05	-7.54e-05	0.0	80.0	-1.201e+04	3.945e+04	1510.67	0.0	0.0	1.37e-06
100	369	6.82e-06	0.0	-3.25e-03	0.0	0.0	-1.201e+04	3.934e+04	1763.24	0.0	-1.411e+05	-3.147e+06
		-3.147e+06	-1.411e+05	-6.46e-05	0.0	80.0	-1.201e+04	3.934e+04	1763.24	0.0	0.0	6.82e-06
100	378	1.95e-06	1.559e+04	-9.82e-04	0.0	0.0	-1.163e+04	3.380e+04	-194.87	0.0	1.559e+04	-2.704e+06
		-2.704e+06	0.0	2.87e-04	0.0	80.0	-1.163e+04	3.380e+04	-194.87	0.0	0.0	1.95e-06
100	379	-1.95e-06	0.0	9.54e-04	0.0	0.0	-1.252e+04	3.683e+04	2405.44	0.0	-1.924e+05	-2.946e+06
		-2.946e+06	-1.924e+05	-2.03e-04	0.0	80.0	-1.252e+04	3.683e+04	2405.44	0.0	0.0	-1.95e-06
100	385	2.13e-06	0.0	-9.86e-04	0.0	0.0	-1.235e+04	3.932e+04	2819.74	0.0	-2.256e+05	-3.145e+06
		-3.145e+06	-2.256e+05	-3.29e-04	0.0	80.0	-1.235e+04	3.932e+04	2819.74	0.0	0.0	2.13e-06
100	388	-2.13e-06	4.873e+04	9.57e-04	0.0	0.0	-1.180e+04	3.131e+04	-609.17	0.0	4.873e+04	-2.505e+06
		-2.505e+06	0.0	4.13e-04	0.0	80.0	-1.180e+04	3.131e+04	-609.17	0.0	0.0	-2.13e-06
103	49	6.336e+06	0.0	0.01	0.0	0.0	-3.685e+04	-7.920e+04	469.20	0.0	-3.754e+04	6.336e+06
		-2.85e-06	-3.754e+04	-9.11e-05	0.0	80.0	-3.685e+04	-7.920e+04	469.20	0.0	0.0	-2.85e-06
103	52	4.120e+06	7.188e+04	0.01	0.0	0.0	-2.541e+04	-5.150e+04	-898.56	0.0	7.188e+04	4.120e+06
		-2.20e-06	0.0	8.38e-05	0.0	80.0	-2.541e+04	-5.150e+04	-898.56	0.0	0.0	-2.20e-06
103	57	5.113e+06	0.0	7.19e-03	0.0	0.0	-5.167e+04	-6.391e+04	6813.30	0.0	-5.451e+05	5.113e+06
		0.0	-5.451e+05	-2.01e-04	0.0	80.0	-5.167e+04	-6.391e+04	6813.30	0.0	0.0	0.0
103	162	2.679e+06	0.0	1.17e-03	0.0	0.0	-1.092e+04	-3.349e+04	643.94	0.0	-5.152e+04	2.679e+06
		0.0	-5.152e+04	1.17e-04	0.0	80.0	-1.092e+04	-3.349e+04	643.94	0.0	0.0	0.0
103	187	6.599e+06	0.0	0.01	0.0	0.0	-2.063e+04	-8.248e+04	3641.15	0.0	-2.913e+05	6.599e+06
		-1.56e-06	-2.913e+05	-1.21e-04	0.0	80.0	-2.063e+04	-8.248e+04	3641.15	0.0	0.0	-1.56e-06
103	231	3.686e+06	6084.50	0.01	0.0	0.0	-2.314e+04	-4.608e+04	-76.06	0.0	6084.50	3.686e+06
		-2.09e-06	0.0	8.23e-05	0.0	80.0	-2.314e+04	-4.608e+04	-76.06	0.0	0.0	-2.09e-06
103	232	3.451e+06	1.718e+04	8.43e-03	0.0	0.0	-2.015e+04	-4.313e+04	-214.73	0.0	1.718e+04	3.451e+06

		-1.61e-06	0.0	1.20e-04	0.0	80.0	-2.015e+04	-4.313e+04	-214.73	0.0	0.0	-1.61e-06
103	235	2.781e+06	0.0	5.23e-03	0.0	0.0	-3.413e+04	-3.476e+04	4623.27	0.0	-3.699e+05	2.781e+06
		0.0	-3.699e+05	1.21e-06	0.0	80.0	-3.413e+04	-3.476e+04	4623.27	0.0	0.0	0.0
103	287	2.781e+06	0.0	7.85e-04	0.0	0.0	-1.106e+04	-3.477e+04	1065.25	0.0	-8.522e+04	2.781e+06
		0.0	-8.522e+04	8.61e-05	0.0	80.0	-1.106e+04	-3.477e+04	1065.25	0.0	0.0	0.0
103	289	4.499e+06	0.0	-3.92e-03	0.0	0.0	-1.527e+04	-5.624e+04	1961.41	0.0	-1.569e+05	4.499e+06
		0.0	-1.569e+05	-6.44e-05	0.0	80.0	-1.527e+04	-5.624e+04	1961.41	0.0	0.0	0.0
103	309	2.825e+06	0.0	1.62e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.02	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.02	0.0	0.0	0.0
103	311	3.764e+06	0.0	-3.52e-03	0.0	0.0	-1.283e+04	-4.705e+04	2290.37	0.0	-1.832e+05	3.764e+06
		0.0	-1.832e+05	-4.16e-05	0.0	80.0	-1.283e+04	-4.705e+04	2290.37	0.0	0.0	0.0
103	316	3.510e+06	0.0	7.66e-03	0.0	0.0	-2.014e+04	-4.387e+04	1130.85	0.0	-9.047e+04	3.510e+06
		-1.43e-06	-9.047e+04	0.0	0.0	80.0	-2.014e+04	-4.387e+04	1130.85	0.0	0.0	-1.43e-06
103	317	2.830e+06	0.0	3.35e-03	0.0	0.0	-2.837e+04	-3.538e+04	4655.35	0.0	-3.724e+05	2.830e+06
		0.0	-3.724e+05	-6.06e-05	0.0	80.0	-2.837e+04	-3.538e+04	4655.35	0.0	0.0	0.0
103	324	2.825e+06	0.0	1.62e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.02	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.02	0.0	0.0	0.0
103	334	3.344e+06	0.0	-6.34e-03	0.0	0.0	-1.251e+04	-4.180e+04	289.82	0.0	-2.319e+04	3.344e+06
		-1.04e-05	-2.319e+04	1.96e-04	0.0	80.0	-1.251e+04	-4.180e+04	289.82	0.0	0.0	-1.04e-05
103	337	3.399e+06	0.0	-6.36e-03	0.0	0.0	-1.232e+04	-4.249e+04	4317.82	0.0	-3.454e+05	3.399e+06
		-9.97e-06	-3.454e+05	-2.14e-04	0.0	80.0	-1.232e+04	-4.249e+04	4317.82	0.0	0.0	-9.97e-06
103	338	3.342e+06	3.180e+04	-6.36e-03	0.0	0.0	-1.251e+04	-4.177e+04	-397.55	0.0	3.180e+04	3.342e+06
		-1.01e-05	0.0	2.37e-04	0.0	80.0	-1.251e+04	-4.177e+04	-397.55	0.0	0.0	-1.01e-05
103	339	3.308e+06	0.0	6.39e-03	0.0	0.0	-9775.20	-2.885e+04	3761.59	0.0	-3.009e+05	3.308e+06
		1.01e-05	-3.009e+05	-1.91e-04	0.0	80.0	-9775.20	-2.885e+04	3761.59	0.0	0.0	1.01e-05
103	349	3.082e+06	0.0	-1.90e-03	0.0	0.0	-1.120e+04	-3.852e+04	9762.97	0.0	-7.810e+05	3.082e+06
		1.52e-06	-7.810e+05	-7.25e-04	0.0	80.0	-1.120e+04	-3.852e+04	9762.97	0.0	0.0	1.52e-06
103	352	2.568e+06	5.119e+05	1.93e-03	0.0	0.0	-1.109e+04	-3.210e+04	-6398.94	0.0	5.119e+05	2.568e+06
		-1.52e-06	0.0	7.71e-04	0.0	80.0	-1.109e+04	-3.210e+04	-6398.94	0.0	0.0	-1.52e-06
103	369	3.112e+06	0.0	-3.21e-03	0.0	0.0	-1.174e+04	-3.891e+04	2993.97	0.0	-2.395e+05	3.112e+06
		-4.96e-06	-2.395e+05	-9.47e-05	0.0	80.0	-1.174e+04	-3.891e+04	2993.97	0.0	0.0	-4.96e-06
103	370	3.084e+06	0.0	-3.21e-03	0.0	0.0	-1.184e+04	-3.855e+04	650.18	0.0	-5.201e+04	3.084e+06
		-5.00e-06	-5.201e+04	1.29e-04	0.0	80.0	-1.184e+04	-3.855e+04	650.18	0.0	0.0	-5.00e-06
103	371	2.566e+06	0.0	3.24e-03	0.0	0.0	-1.045e+04	-3.207e+04	2713.85	0.0	-2.171e+05	2.566e+06
		5.00e-06	-2.171e+05	-8.32e-05	0.0	80.0	-1.045e+04	-3.207e+04	2713.85	0.0	0.0	5.00e-06
103	381	2.953e+06	0.0	-9.53e-04	0.0	0.0	-1.118e+04	-3.692e+04	5699.68	0.0	-4.560e+05	2.953e+06
		0.0	-4.560e+05	-3.49e-04	0.0	80.0	-1.118e+04	-3.692e+04	5699.68	0.0	0.0	0.0
103	384	2.697e+06	1.869e+05	9.85e-04	0.0	0.0	-1.111e+04	-3.371e+04	-2335.65	0.0	1.869e+05	2.697e+06
		0.0	0.0	3.95e-04	0.0	80.0	-1.111e+04	-3.371e+04	-2335.65	0.0	0.0	0.0
104	7	0.0	0.0	-5.24e-03	0.0	0.0	-2.073e+04	7.733e+04	2204.44	0.0	-1.764e+05	-6.186e+06
		-6.186e+06	-1.764e+05	-5.16e-05	0.0	80.0	-2.073e+04	7.733e+04	2204.44	0.0	0.0	0.0
104	65	0.0	0.0	-2.02e-03	0.0	0.0	-3.970e+04	6.449e+04	4284.45	0.0	-3.428e+05	-5.160e+06
		-5.160e+06	-3.428e+05	-1.63e-04	0.0	80.0	-3.970e+04	6.449e+04	4284.45	0.0	0.0	0.0
104	76	0.0	6.285e+04	-6.54e-03	0.0	0.0	-2.541e+04	5.049e+04	-785.62	0.0	6.285e+04	-4.040e+06
		-4.040e+06	0.0	8.42e-05	0.0	80.0	-2.541e+04	5.049e+04	-785.62	0.0	0.0	0.0
104	162	0.0	0.0	1.15e-03	0.0	0.0	-1.092e+04	3.317e+04	766.16	0.0	-6.129e+04	-2.653e+06
		-2.653e+06	-6.129e+04	1.17e-04	0.0	80.0	-1.092e+04	3.317e+04	766.16	0.0	0.0	0.0
104	187	-2.78e-06	0.0	0.01	0.0	0.0	-2.065e+04	7.908e+04	2910.19	0.0	-2.328e+05	-6.326e+06
		-6.326e+06	-2.328e+05	-1.20e-04	0.0	80.0	-2.065e+04	7.908e+04	2910.19	0.0	0.0	-2.78e-06
104	210	0.0	0.0	-3.97e-03	0.0	0.0	-1.535e+04	5.727e+04	1729.40	0.0	-1.384e+05	-4.581e+06
		-4.581e+06	-1.384e+05	-4.86e-05	0.0	80.0	-1.535e+04	5.727e+04	1729.40	0.0	0.0	0.0
104	239	0.0	0.0	-1.58e-03	0.0	0.0	-2.526e+04	3.521e+04	2759.04	0.0	-2.207e+05	-2.817e+06
		-2.817e+06	-2.207e+05	2.92e-05	0.0	80.0	-2.526e+04	3.521e+04	2759.04	0.0	0.0	0.0
104	244	0.0	1.078e+04	-4.95e-03	0.0	0.0	-2.015e+04	4.241e+04	-134.72	0.0	1.078e+04	-3.393e+06
		-3.393e+06	0.0	1.20e-04	0.0	80.0	-2.015e+04	4.241e+04	-134.72	0.0	0.0	0.0
104	287	0.0	0.0	7.56e-04	0.0	0.0	-1.106e+04	3.455e+04	1146.32	0.0	-9.171e+04	-2.764e+06
		-2.764e+06	-9.171e+04	8.59e-05	0.0	80.0	-1.106e+04	3.455e+04	1146.32	0.0	0.0	0.0
104	289	0.0	0.0	-3.97e-03	0.0	0.0	-1.529e+04	5.733e+04	1967.73	0.0	-1.574e+05	-4.586e+06
		-4.586e+06	-1.574e+05	-6.44e-05	0.0	80.0	-1.529e+04	5.733e+04	1967.73	0.0	0.0	0.0
104	309	0.0	0.0	-1.41e-05	0.0	0.0	-1.114e+04	3.531e+04	1682.01	0.0	-1.346e+05	-2.825e+06
		-2.825e+06	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	1682.01	0.0	0.0	0.0
104	311	0.0	0.0	-3.56e-03	0.0	0.0	-1.284e+04	4.803e+04	2238.35	0.0	-1.791e+05	-3.843e+06
		-3.843e+06	-1.791e+05	-4.15e-05	0.0	80.0	-1.284e+04	4.803e+04	2238.35	0.0	0.0	0.0
104	316	0.0	0.0	7.62e-03	0.0	0.0	-1.116e+04	4.336e+04	1772.24	0.0	-1.418e+05	-3.469e+06
		-3.469e+06	-1.418e+05	0.0	0.0	80.0	-1.116e+04	4.336e+04	1772.24	0.0	0.0	0.0
104	318	0.0	0.0	-1.77e-03	0.0	0.0	-2.172e+04	3.588e+04	3189.46	0.0	-2.552e+05	-2.871e+06
		-2.871e+06	-2.552e+05	-3.92e-05	0.0	80.0	-2.172e+04	3.588e+04	3189.46	0.0	0.0	0.0
104	324	0.0	0.0	-1.41e-05	0.0	0.0	-1.114e+04	3.531e+04	1682.01	0.0	-1.346e+05	-2.825e+06
		-2.825e+06	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	1682.01	0.0	0.0	0.0
104	328	6.47e-06	9135.34	6.39e-03	0.0	0.0	-1.094e+04	2.870e+04	-114.19	0.0	9135.34	-2.296e+06
		-2.296e+06	0.0	2.18e-04	0.0	80.0	-1.094e+04	2.870e+04	-114.19	0.0	0.0	6.47e-06
104	329	-6.29e-06	0.0	-6.40e-03	0.0	0.0	-1.138e+04	4.196e+04	3464.97	0.0	-2.772e+05	-3.356e+06
		-3.356e+06	-2.772e+05	-2.11e-04	0.0	80.0	-1.138e+04	4.196e+04	3464.97	0.0	0.0	-6.29e-06
104	342	-1.33e-06	3.131e+05	-1.85e-03	0.0	0.0	-1.157e+04	3.589e+04	-3913.45	0.0	3.131e+05	-2.872e+06
		-2.872e+06	1.23e-06	6.33e-04	0.0	80.0	-1.157e+04	3.589e+04	-3913.45	0.0	1.23e-06	-1.33e-06
104	343	1.33e-06	-1.23e-06	1.83e-03	0.0	0.0	-1.072e+04	3.473e+04	7277.47	0.0	-5.822e+05	-2.778e+06
		-2.778e+06	-5.822e+05	-5.87e-04	0.0	80.0	-1.072e+04	3.473e+04	7277.47	0.0	-1.23e-06	1.33e-06

104	345	1.19e-06	-1.23e-06	-2.00e-03	0.0	0.0	-1.090e+04	3.842e+04	7576.23	0.0	-6.061e+05	-3.074e+06
		-3.074e+06	-6.061e+05	-5.87e-04	0.0	80.0	-1.090e+04	3.842e+04	7576.23	0.0	-1.23e-06	1.19e-06
104	348	-1.19e-06	3.370e+05	1.97e-03	0.0	0.0	-1.139e+04	3.220e+04	-4212.21	0.0	3.370e+05	-2.576e+06
		-2.576e+06	1.23e-06	6.33e-04	0.0	80.0	-1.139e+04	3.220e+04	-4212.21	0.0	1.23e-06	-1.19e-06
104	358	-3.20e-06	0.0	-3.24e-03	0.0	0.0	-1.133e+04	3.827e+04	1049.84	0.0	-8.399e+04	-3.061e+06
		-3.061e+06	-8.399e+04	9.07e-05	0.0	80.0	-1.133e+04	3.827e+04	1049.84	0.0	0.0	-3.20e-06
104	359	3.20e-06	0.0	3.22e-03	0.0	0.0	-1.096e+04	3.236e+04	2314.18	0.0	-1.851e+05	-2.588e+06
		-2.588e+06	-1.851e+05	-4.46e-05	0.0	80.0	-1.096e+04	3.236e+04	2314.18	0.0	0.0	3.20e-06
104	361	-3.17e-06	0.0	-3.24e-03	0.0	0.0	-1.126e+04	3.864e+04	2568.46	0.0	-2.055e+05	-3.091e+06
		-3.091e+06	-2.055e+05	-9.35e-05	0.0	80.0	-1.126e+04	3.864e+04	2568.46	0.0	0.0	-3.17e-06
104	385	0.0	0.0	-9.84e-04	0.0	0.0	-1.108e+04	3.692e+04	4590.19	0.0	-3.672e+05	-2.953e+06
		-2.953e+06	-3.672e+05	-3.46e-04	0.0	80.0	-1.108e+04	3.692e+04	4590.19	0.0	0.0	0.0
104	388	0.0	9.809e+04	9.56e-04	0.0	0.0	-1.120e+04	3.371e+04	-1226.16	0.0	9.809e+04	-2.696e+06
		-2.696e+06	0.0	3.93e-04	0.0	80.0	-1.120e+04	3.371e+04	-1226.16	0.0	0.0	0.0
107	4	2.748e+06	2.741e+05	1.18e-03	0.0	0.0	-1.102e+04	-3.435e+04	-3425.90	0.0	2.741e+05	2.748e+06
		0.0	0.0	1.56e-04	0.0	80.0	-1.102e+04	-3.435e+04	-3425.90	0.0	0.0	0.0
107	49	7.435e+06	3.923e+05	0.01	0.0	0.0	-4.030e+04	-9.294e+04	-4904.07	0.0	3.923e+05	7.435e+06
		-3.36e-06	0.0	-2.20e-04	0.0	80.0	-4.030e+04	-9.294e+04	-4904.07	0.0	0.0	-3.36e-06
107	57	5.891e+06	8.896e+05	7.22e-03	0.0	0.0	-6.044e+04	-7.364e+04	-1.112e+04	0.0	8.896e+05	5.891e+06
		0.0	0.0	-3.38e-04	0.0	80.0	-6.044e+04	-7.364e+04	-1.112e+04	0.0	0.0	0.0
107	124	2.749e+06	2.847e+05	1.18e-03	0.0	0.0	-1.089e+04	-3.436e+04	-3558.39	0.0	2.847e+05	2.749e+06
		0.0	0.0	1.51e-04	0.0	80.0	-1.089e+04	-3.436e+04	-3558.39	0.0	0.0	0.0
107	188	6.128e+06	3.104e+05	0.01	0.0	0.0	-1.942e+04	-7.659e+04	-3880.39	0.0	3.104e+05	6.128e+06
		-3.36e-06	0.0	-1.92e-04	0.0	80.0	-1.942e+04	-7.659e+04	-3880.39	0.0	0.0	-3.36e-06
107	235	2.928e+06	5.767e+05	5.25e-03	0.0	0.0	-3.863e+04	-3.660e+04	-7208.50	0.0	5.767e+05	2.928e+06
		0.0	0.0	-8.23e-05	0.0	80.0	-3.863e+04	-3.660e+04	-7208.50	0.0	0.0	0.0
107	244	3.652e+06	3.154e+05	-4.92e-03	0.0	0.0	-1.119e+04	-4.565e+04	-3942.66	0.0	3.154e+05	3.652e+06
		1.34e-06	0.0	5.23e-05	0.0	80.0	-1.119e+04	-4.565e+04	-3942.66	0.0	0.0	1.34e-06
107	268	2.827e+06	2.400e+05	7.86e-04	0.0	0.0	-1.104e+04	-3.534e+04	-2999.61	0.0	2.400e+05	2.827e+06
		0.0	0.0	9.23e-05	0.0	80.0	-1.104e+04	-3.534e+04	-2999.61	0.0	0.0	0.0
107	270	4.967e+06	3.415e+05	-3.92e-03	0.0	0.0	-1.724e+04	-6.209e+04	-4268.74	0.0	3.415e+05	4.967e+06
		1.81e-06	0.0	-9.30e-05	0.0	80.0	-1.724e+04	-6.209e+04	-4268.74	0.0	0.0	1.81e-06
107	300	3.905e+06	1.913e+05	9.24e-03	0.0	0.0	-1.122e+04	-4.881e+04	-2391.41	0.0	1.913e+05	3.905e+06
		-2.47e-06	0.0	2.05e-05	0.0	80.0	-1.122e+04	-4.881e+04	-2391.41	0.0	0.0	-2.47e-06
107	310	2.848e+06	2.119e+05	1.63e-05	0.0	0.0	-1.113e+04	-3.560e+04	-2649.20	0.0	2.119e+05	2.848e+06
		0.0	0.0	6.61e-05	0.0	80.0	-1.113e+04	-3.560e+04	-2649.20	0.0	0.0	0.0
107	311	3.933e+06	1.949e+05	-3.51e-03	0.0	0.0	-1.363e+04	-4.916e+04	-2436.86	0.0	1.949e+05	3.933e+06
		1.43e-06	0.0	-9.18e-05	0.0	80.0	-1.363e+04	-4.916e+04	-2436.86	0.0	0.0	1.43e-06
107	313	3.645e+06	1.329e+05	6.36e-03	0.0	0.0	-1.122e+04	-4.557e+04	-1661.31	0.0	1.329e+05	3.645e+06
		-1.79e-06	0.0	-4.54e-05	0.0	80.0	-1.122e+04	-4.557e+04	-1661.31	0.0	0.0	-1.79e-06
107	317	2.907e+06	4.115e+05	3.36e-03	0.0	0.0	-3.177e+04	-3.633e+04	-5143.49	0.0	4.115e+05	2.907e+06
		0.0	0.0	-1.34e-04	0.0	80.0	-3.177e+04	-3.633e+04	-5143.49	0.0	0.0	0.0
107	324	2.825e+06	1.346e+05	1.62e-05	0.0	0.0	-1.114e+04	-3.531e+04	-1682.02	0.0	1.346e+05	2.825e+06
		0.0	0.0	-2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	-1682.02	0.0	0.0	0.0
107	326	3.407e+06	2.918e+05	-6.38e-03	0.0	0.0	-1.233e+04	-4.258e+04	-3647.50	0.0	2.918e+05	3.407e+06
		7.23e-06	0.0	1.73e-04	0.0	80.0	-1.233e+04	-4.258e+04	-3647.50	0.0	0.0	7.23e-06
107	327	2.243e+06	0.0	6.41e-03	0.0	0.0	-9959.99	-2.804e+04	283.46	0.0	-2.268e+04	2.243e+06
		-7.23e-06	-2.268e+04	-2.19e-04	0.0	80.0	-9959.99	-2.804e+04	283.46	0.0	0.0	-7.23e-06
107	329	3.342e+06	0.0	-6.36e-03	0.0	0.0	-1.251e+04	-4.177e+04	397.55	0.0	-3.180e+04	3.342e+06
		6.66e-06	-3.180e+04	-2.37e-04	0.0	80.0	-1.251e+04	-4.177e+04	397.55	0.0	0.0	6.66e-06
107	332	2.308e+06	3.009e+05	6.39e-03	0.0	0.0	-9775.20	-2.885e+04	-3761.59	0.0	3.009e+05	2.308e+06
		-6.66e-06	0.0	1.91e-04	0.0	80.0	-9775.20	-2.885e+04	-3761.59	0.0	0.0	-6.66e-06
107	354	3.082e+06	7.810e+05	-1.90e-03	0.0	0.0	-1.120e+04	-3.852e+04	-9762.97	0.0	7.810e+05	3.082e+06
		1.44e-06	0.0	7.25e-04	0.0	80.0	-1.120e+04	-3.852e+04	-9762.97	0.0	0.0	1.44e-06
107	355	2.568e+06	0.0	1.93e-03	0.0	0.0	-1.109e+04	-3.210e+04	6398.94	0.0	-5.119e+05	2.568e+06
		-1.44e-06	-5.119e+05	-7.71e-04	0.0	80.0	-1.109e+04	-3.210e+04	6398.94	0.0	0.0	-1.44e-06
107	361	3.084e+06	5.201e+04	-3.21e-03	0.0	0.0	-1.184e+04	-3.855e+04	-650.18	0.0	5.201e+04	3.084e+06
		3.29e-06	0.0	-1.29e-04	0.0	80.0	-1.184e+04	-3.855e+04	-650.18	0.0	0.0	3.29e-06
107	362	3.112e+06	2.395e+05	-3.21e-03	0.0	0.0	-1.174e+04	-3.891e+04	-2993.96	0.0	2.395e+05	3.112e+06
		3.26e-06	0.0	9.47e-05	0.0	80.0	-1.174e+04	-3.891e+04	-2993.96	0.0	0.0	3.26e-06
107	364	2.566e+06	2.171e+05	3.24e-03	0.0	0.0	-1.045e+04	-3.207e+04	-2713.85	0.0	2.171e+05	2.566e+06
		-3.29e-06	0.0	8.32e-05	0.0	80.0	-1.045e+04	-3.207e+04	-2713.85	0.0	0.0	-3.29e-06
107	386	2.953e+06	4.560e+05	-9.53e-04	0.0	0.0	-1.118e+04	-3.692e+04	-5699.68	0.0	4.560e+05	2.953e+06
		0.0	0.0	3.49e-04	0.0	80.0	-1.118e+04	-3.692e+04	-5699.68	0.0	0.0	0.0
107	387	2.697e+06	0.0	9.85e-04	0.0	0.0	-1.111e+04	-3.371e+04	2335.65	0.0	-1.869e+05	2.697e+06
		0.0	-1.869e+05	-3.95e-04	0.0	80.0	-1.111e+04	-3.371e+04	2335.65	0.0	0.0	0.0
108	49	-5.61e-06	5.477e+05	0.01	0.0	0.0	-2.344e+04	8.999e+04	-6845.83	0.0	5.477e+05	-7.200e+06
		-7.200e+06	0.0	-2.16e-04	0.0	80.0	-2.344e+04	8.999e+04	-6845.83	0.0	0.0	-5.61e-06
108	65	0.0	6.567e+05	-2.03e-03	0.0	0.0	-4.588e+04	7.396e+04	-8209.19	0.0	6.567e+05	-5.917e+06
		-5.917e+06	0.0	-2.93e-04	0.0	80.0	-4.588e+04	7.396e+04	-8209.19	0.0	0.0	0.0
108	73	2.76e-06	3.987e+05	-9.15e-03	0.0	0.0	-4.029e+04	9.171e+04	-4984.13	0.0	3.987e+05	-7.337e+06
		-7.337e+06	0.0	-2.19e-04	0.0	80.0	-4.029e+04	9.171e+04	-4984.13	0.0	0.0	2.76e-06
108	124	0.0	2.876e+05	1.15e-03	0.0	0.0	-1.089e+04	3.404e+04	-3595.50	0.0	2.876e+05	-2.723e+06
		-2.723e+06	0.0	1.52e-04	0.0	80.0	-1.089e+04	3.404e+04	-3595.50	0.0	0.0	0.0
108	239	0.0	4.023e+05	-1.59e-03	0.0	0.0	-2.785e+04	3.687e+04	-5028.72	0.0	4.023e+05	-2.949e+06
		-2.949e+06	0.0	-4.90e-05	0.0	80.0	-2.785e+04	3.687e+04	-5028.72	0.0	0.0	0.0
108	243	2.09e-06	2.112e+05	-6.86e-03	0.0	0.0	-2.371e+04	5.001e+04	-2639.79	0.0	2.112e+05	-4.001e+06

		-4.001e+06	0.0	5.58e-06	0.0	80.0	-2.371e+04	5.001e+04	-2639.79	0.0	0.0	2.09e-06
108	268	0.0	2.419e+05	7.55e-04	0.0	0.0	-1.104e+04	3.513e+04	-3024.21	0.0	2.419e+05	-2.810e+06
		-2.810e+06	0.0	9.23e-05	0.0	80.0	-1.104e+04	3.513e+04	-3024.21	0.0	0.0	0.0
108	270	0.0	3.472e+05	-3.97e-03	0.0	0.0	-1.726e+04	6.317e+04	-4339.44	0.0	3.472e+05	-5.054e+06
		-5.054e+06	0.0	-9.28e-05	0.0	80.0	-1.726e+04	6.317e+04	-4339.44	0.0	0.0	0.0
108	289	0.0	3.146e+05	-3.97e-03	0.0	0.0	-1.731e+04	6.300e+04	-3932.45	0.0	3.146e+05	-5.040e+06
		-5.040e+06	0.0	-1.24e-04	0.0	80.0	-1.731e+04	6.300e+04	-3932.45	0.0	0.0	0.0
108	310	0.0	2.097e+05	-1.42e-05	0.0	0.0	-1.113e+04	3.560e+04	-2620.96	0.0	2.097e+05	-2.848e+06
		-2.848e+06	0.0	6.60e-05	0.0	80.0	-1.113e+04	3.560e+04	-2620.96	0.0	0.0	0.0
108	311	0.0	1.969e+05	-3.56e-03	0.0	0.0	-1.363e+04	5.013e+04	-2461.87	0.0	1.969e+05	-4.010e+06
		-4.010e+06	0.0	-9.17e-05	0.0	80.0	-1.363e+04	5.013e+04	-2461.87	0.0	0.0	0.0
108	318	0.0	2.787e+05	-1.77e-03	0.0	0.0	-2.368e+04	3.669e+04	-3483.33	0.0	2.787e+05	-2.935e+06
		-2.935e+06	0.0	-1.09e-04	0.0	80.0	-2.368e+04	3.669e+04	-3483.33	0.0	0.0	0.0
108	319	1.80e-06	1.353e+05	-5.73e-03	0.0	0.0	-2.057e+04	4.655e+04	-1691.63	0.0	1.353e+05	-3.724e+06
		-3.724e+06	0.0	-6.84e-05	0.0	80.0	-2.057e+04	4.655e+04	-1691.63	0.0	0.0	1.80e-06
108	324	0.0	1.346e+05	-1.41e-05	0.0	0.0	-1.114e+04	3.531e+04	-1682.03	0.0	1.346e+05	-2.825e+06
		-2.825e+06	0.0	-2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	-1682.03	0.0	0.0	0.0
108	333	4.78e-06	6806.32	-6.37e-03	0.0	0.0	-1.157e+04	4.107e+04	-85.08	0.0	6806.32	-3.286e+06
		-3.286e+06	0.0	-1.96e-04	0.0	80.0	-1.157e+04	4.107e+04	-85.08	0.0	0.0	4.78e-06
108	334	3.73e-06	2.796e+05	-6.42e-03	0.0	0.0	-1.133e+04	4.200e+04	-3494.71	0.0	2.796e+05	-3.360e+06
		-3.360e+06	0.0	1.71e-04	0.0	80.0	-1.133e+04	4.200e+04	-3494.71	0.0	0.0	3.73e-06
108	342	-2.75e-06	6.105e+05	-2.00e-03	0.0	0.0	-1.083e+04	3.868e+04	-7631.15	0.0	6.105e+05	-3.095e+06
		-3.095e+06	0.0	5.87e-04	0.0	80.0	-1.083e+04	3.868e+04	-7631.15	0.0	0.0	-2.75e-06
108	343	2.78e-06	0.0	1.97e-03	0.0	0.0	-1.146e+04	3.194e+04	4267.09	0.0	-3.414e+05	-2.555e+06
		-2.555e+06	-3.414e+05	-6.33e-04	0.0	80.0	-1.146e+04	3.194e+04	4267.09	0.0	0.0	2.78e-06
108	345	3.04e-06	0.0	-1.86e-03	0.0	0.0	-1.164e+04	3.563e+04	3968.32	0.0	-3.175e+05	-2.851e+06
		-2.851e+06	-3.175e+05	-6.33e-04	0.0	80.0	-1.164e+04	3.563e+04	3968.32	0.0	0.0	3.04e-06
108	348	-3.01e-06	5.866e+05	1.83e-03	0.0	0.0	-1.065e+04	3.499e+04	-7332.38	0.0	5.866e+05	-2.799e+06
		-2.799e+06	0.0	5.87e-04	0.0	80.0	-1.065e+04	3.499e+04	-7332.38	0.0	0.0	-3.01e-06
108	365	2.12e-06	8.399e+04	-3.24e-03	0.0	0.0	-1.133e+04	3.827e+04	-1049.86	0.0	8.399e+04	-3.061e+06
		-3.061e+06	0.0	-9.07e-05	0.0	80.0	-1.133e+04	3.827e+04	-1049.86	0.0	0.0	2.12e-06
108	368	-2.09e-06	1.851e+05	3.22e-03	0.0	0.0	-1.096e+04	3.236e+04	-2314.20	0.0	1.851e+05	-2.588e+06
		-2.588e+06	0.0	4.46e-05	0.0	80.0	-1.096e+04	3.236e+04	-2314.20	0.0	0.0	-2.09e-06
108	370	2.14e-06	2.055e+05	-3.24e-03	0.0	0.0	-1.126e+04	3.864e+04	-2568.48	0.0	2.055e+05	-3.091e+06
		-3.091e+06	0.0	9.35e-05	0.0	80.0	-1.126e+04	3.864e+04	-2568.48	0.0	0.0	2.14e-06
108	382	0.0	3.672e+05	-9.84e-04	0.0	0.0	-1.108e+04	3.692e+04	-4590.20	0.0	3.672e+05	-2.953e+06
		-2.953e+06	0.0	3.46e-04	0.0	80.0	-1.108e+04	3.692e+04	-4590.20	0.0	0.0	0.0
108	383	0.0	0.0	9.56e-04	0.0	0.0	-1.120e+04	3.371e+04	1226.15	0.0	-9.809e+04	-2.696e+06
		-2.696e+06	-9.809e+04	-3.93e-04	0.0	80.0	-1.120e+04	3.371e+04	1226.15	0.0	0.0	0.0
111	49	8.039e+06	1.338e+05	0.02	0.0	0.0	-4.758e+04	-1.005e+05	-1672.31	0.0	1.338e+05	8.039e+06
		-4.02e-06	0.0	-2.80e-04	0.0	80.0	-4.758e+04	-1.005e+05	-1672.31	0.0	0.0	-4.02e-06
111	57	6.362e+06	0.0	7.28e-03	0.0	0.0	-6.362e+04	-7.952e+04	956.76	0.0	-7.654e+04	6.362e+06
		-1.12e-06	-7.654e+04	-4.32e-04	0.0	80.0	-6.362e+04	-7.952e+04	956.76	0.0	0.0	-1.12e-06
111	58	5.270e+06	0.0	7.27e-03	0.0	0.0	-5.874e+04	-6.588e+04	1282.03	0.0	-1.026e+05	5.270e+06
		-1.12e-06	-1.026e+05	-4.14e-04	0.0	80.0	-5.874e+04	-6.588e+04	1282.03	0.0	0.0	-1.12e-06
111	73	7.967e+06	3.533e+05	-9.11e-03	0.0	0.0	-2.649e+04	-9.959e+04	-4416.84	0.0	3.533e+05	7.967e+06
		3.06e-06	0.0	-2.74e-04	0.0	80.0	-2.649e+04	-9.959e+04	-4416.84	0.0	0.0	3.06e-06
111	182	2.877e+06	1.400e+05	2.25e-03	0.0	0.0	-1.144e+04	-3.596e+04	-1750.18	0.0	1.400e+05	2.877e+06
		0.0	0.0	5.34e-05	0.0	80.0	-1.144e+04	-3.596e+04	-1750.18	0.0	0.0	0.0
111	231	4.255e+06	6.764e+04	0.01	0.0	0.0	-2.763e+04	-5.319e+04	-845.50	0.0	6.764e+04	4.255e+06
		-2.96e-06	0.0	-2.71e-05	0.0	80.0	-2.763e+04	-5.319e+04	-845.50	0.0	0.0	-2.96e-06
111	235	3.013e+06	0.0	5.29e-03	0.0	0.0	-3.951e+04	-3.766e+04	1101.96	0.0	-8.816e+04	3.013e+06
		0.0	-8.816e+04	-1.39e-04	0.0	80.0	-3.951e+04	-3.766e+04	1101.96	0.0	0.0	0.0
111	243	4.202e+06	2.303e+05	-6.84e-03	0.0	0.0	-1.201e+04	-5.253e+04	-2878.49	0.0	2.303e+05	4.202e+06
		2.28e-06	0.0	-2.27e-05	0.0	80.0	-1.201e+04	-5.253e+04	-2878.49	0.0	0.0	2.28e-06
111	270	5.304e+06	2.152e+05	-3.92e-03	0.0	0.0	-1.968e+04	-6.630e+04	-2690.05	0.0	2.152e+05	5.304e+06
		1.33e-06	0.0	-1.23e-04	0.0	80.0	-1.968e+04	-6.630e+04	-2690.05	0.0	0.0	1.33e-06
111	300	3.911e+06	1.636e+05	9.25e-03	0.0	0.0	-1.197e+04	-4.888e+04	-2045.01	0.0	1.636e+05	3.911e+06
		-1.06e-06	0.0	4.21e-06	0.0	80.0	-1.197e+04	-4.888e+04	-2045.01	0.0	0.0	-1.06e-06
111	311	4.049e+06	1.384e+05	-3.52e-03	0.0	0.0	-1.506e+04	-5.061e+04	-1729.51	0.0	1.384e+05	4.049e+06
		1.06e-06	0.0	-1.14e-04	0.0	80.0	-1.506e+04	-5.061e+04	-1729.51	0.0	0.0	1.06e-06
111	313	3.626e+06	1.214e+05	6.36e-03	0.0	0.0	-1.201e+04	-4.533e+04	-1517.47	0.0	1.214e+05	3.626e+06
		0.0	0.0	-6.23e-05	0.0	80.0	-1.201e+04	-4.533e+04	-1517.47	0.0	0.0	0.0
111	316	3.870e+06	4.462e+04	7.69e-03	0.0	0.0	-2.374e+04	-4.837e+04	-557.79	0.0	4.462e+04	3.870e+06
		-2.16e-06	0.0	-9.75e-05	0.0	80.0	-2.374e+04	-4.837e+04	-557.79	0.0	0.0	-2.16e-06
111	317	2.938e+06	0.0	3.40e-03	0.0	0.0	-3.265e+04	-3.672e+04	902.80	0.0	-7.222e+04	2.938e+06
		0.0	-7.222e+04	-1.81e-04	0.0	80.0	-3.265e+04	-3.672e+04	902.80	0.0	0.0	0.0
111	319	3.830e+06	1.666e+05	-5.71e-03	0.0	0.0	-1.202e+04	-4.787e+04	-2082.53	0.0	1.666e+05	3.830e+06
		1.78e-06	0.0	-9.41e-05	0.0	80.0	-1.202e+04	-4.787e+04	-2082.53	0.0	0.0	1.78e-06
111	324	2.825e+06	8.842e+04	1.63e-05	0.0	0.0	-1.207e+04	-3.532e+04	-1105.28	0.0	8.842e+04	2.825e+06
		0.0	0.0	-4.12e-05	0.0	80.0	-1.207e+04	-3.532e+04	-1105.28	0.0	0.0	0.0
111	328	2.416e+06	1.459e+05	6.39e-03	0.0	0.0	-1.374e+04	-3.020e+04	-1823.45	0.0	1.459e+05	2.416e+06
		-7.60e-06	0.0	1.31e-04	0.0	80.0	-1.374e+04	-3.020e+04	-1823.45	0.0	0.0	-7.60e-06
111	330	3.514e+06	2.202e+05	-6.36e-03	0.0	0.0	-1.097e+04	-4.393e+04	-2751.99	0.0	2.202e+05	3.514e+06
		7.15e-06	0.0	1.95e-04	0.0	80.0	-1.097e+04	-4.393e+04	-2751.99	0.0	0.0	7.15e-06
111	333	3.219e+06	5.891e+04	-6.35e-03	0.0	0.0	-1.040e+04	-4.023e+04	-736.40	0.0	5.891e+04	3.219e+06
		-2.48e-06	0.0	-2.37e-04	0.0	80.0	-1.040e+04	-4.023e+04	-736.40	0.0	0.0	-2.48e-06

111	336	2.432e+06	1.179e+05	6.38e-03	0.0	0.0	-1.375e+04	-3.040e+04	-1474.15	0.0	1.179e+05	2.432e+06
		2.45e-06	0.0	1.54e-04	0.0	80.0	-1.375e+04	-3.040e+04	-1474.15	0.0	0.0	2.45e-06
111	354	3.467e+06	4.726e+05	-1.90e-03	0.0	0.0	-1.256e+04	-4.333e+04	-5907.81	0.0	4.726e+05	3.467e+06
		0.0	0.0	7.07e-04	0.0	80.0	-1.256e+04	-4.333e+04	-5907.81	0.0	0.0	0.0
111	355	2.184e+06	0.0	1.93e-03	0.0	0.0	-1.159e+04	-2.730e+04	3697.25	0.0	-2.958e+05	2.184e+06
		0.0	-2.958e+05	-7.91e-04	0.0	80.0	-1.159e+04	-2.730e+04	3697.25	0.0	0.0	0.0
111	362	3.170e+06	1.540e+05	-3.21e-03	0.0	0.0	-1.151e+04	-3.962e+04	-1924.62	0.0	1.540e+05	3.170e+06
		3.50e-06	0.0	7.61e-05	0.0	80.0	-1.151e+04	-3.962e+04	-1924.62	0.0	0.0	3.50e-06
111	363	2.481e+06	2.288e+04	3.24e-03	0.0	0.0	-1.264e+04	-3.101e+04	-285.94	0.0	2.288e+04	2.481e+06
		-3.53e-06	0.0	-1.60e-04	0.0	80.0	-1.264e+04	-3.101e+04	-285.94	0.0	0.0	-3.53e-06
111	369	3.018e+06	5.774e+04	-3.21e-03	0.0	0.0	-1.123e+04	-3.772e+04	-721.75	0.0	5.774e+04	3.018e+06
		-1.54e-06	0.0	-1.59e-04	0.0	80.0	-1.123e+04	-3.772e+04	-721.75	0.0	0.0	-1.54e-06
111	372	2.633e+06	1.191e+05	3.24e-03	0.0	0.0	-1.292e+04	-3.291e+04	-1488.80	0.0	1.191e+05	2.633e+06
		1.52e-06	0.0	7.57e-05	0.0	80.0	-1.292e+04	-3.291e+04	-1488.80	0.0	0.0	1.52e-06
111	386	3.145e+06	2.794e+05	-9.53e-04	0.0	0.0	-1.231e+04	-3.931e+04	-3492.95	0.0	2.794e+05	3.145e+06
		0.0	0.0	3.30e-04	0.0	80.0	-1.231e+04	-3.931e+04	-3492.95	0.0	0.0	0.0
111	387	2.506e+06	0.0	9.86e-04	0.0	0.0	-1.184e+04	-3.132e+04	1282.40	0.0	-1.026e+05	2.506e+06
		0.0	-1.026e+05	-4.14e-04	0.0	80.0	-1.184e+04	-3.132e+04	1282.40	0.0	0.0	0.0
112	49	-2.52e-06	3.640e+05	0.01	0.0	0.0	-2.649e+04	9.941e+04	-4549.93	0.0	3.640e+05	-7.953e+06
		-7.953e+06	0.0	-2.75e-04	0.0	80.0	-2.649e+04	9.941e+04	-4549.93	0.0	0.0	-2.52e-06
112	65	0.0	4.951e+04	-2.06e-03	0.0	0.0	-4.991e+04	7.866e+04	-618.89	0.0	4.951e+04	-6.293e+06
		-6.293e+06	0.0	-3.70e-04	0.0	80.0	-4.991e+04	7.866e+04	-618.89	0.0	0.0	0.0
112	73	1.34e-06	1.404e+05	-9.19e-03	0.0	0.0	-4.758e+04	9.943e+04	-1755.05	0.0	1.404e+05	-7.954e+06
		-7.954e+06	0.0	-2.80e-04	0.0	80.0	-4.758e+04	9.943e+04	-1755.05	0.0	0.0	1.34e-06
112	89	3.92e-06	2.626e+05	-5.92e-03	0.0	0.0	-2.649e+04	9.170e+04	-3282.15	0.0	2.626e+05	-7.336e+06
		-7.336e+06	0.0	-2.22e-04	0.0	80.0	-2.649e+04	9.170e+04	-3282.15	0.0	0.0	3.92e-06
112	182	0.0	1.497e+05	2.22e-03	0.0	0.0	-1.144e+04	3.548e+04	-1871.13	0.0	1.497e+05	-2.839e+06
		-2.839e+06	0.0	5.36e-05	0.0	80.0	-1.144e+04	3.548e+04	-1871.13	0.0	0.0	0.0
112	231	-1.83e-06	2.369e+05	0.01	0.0	0.0	-1.201e+04	5.242e+04	-2961.46	0.0	2.369e+05	-4.193e+06
		-4.193e+06	0.0	-2.30e-05	0.0	80.0	-1.201e+04	5.242e+04	-2961.46	0.0	0.0	-1.83e-06
112	239	0.0	3965.92	-1.61e-03	0.0	0.0	-2.936e+04	3.705e+04	-49.57	0.0	3965.92	-2.964e+06
		-2.964e+06	0.0	-9.34e-05	0.0	80.0	-2.936e+04	3.705e+04	-49.57	0.0	0.0	0.0
112	251	2.94e-06	1.618e+05	-4.46e-03	0.0	0.0	-1.201e+04	4.671e+04	-2022.36	0.0	1.618e+05	-3.737e+06
		-3.737e+06	0.0	1.63e-05	0.0	80.0	-1.201e+04	4.671e+04	-2022.36	0.0	0.0	2.94e-06
112	270	0.0	2.223e+05	-3.98e-03	0.0	0.0	-1.966e+04	6.714e+04	-2778.96	0.0	2.223e+05	-5.371e+06
		-5.371e+06	0.0	-1.23e-04	0.0	80.0	-1.966e+04	6.714e+04	-2778.96	0.0	0.0	0.0
112	289	0.0	2.066e+05	-3.98e-03	0.0	0.0	-1.955e+04	6.660e+04	-2582.24	0.0	2.066e+05	-5.328e+06
		-5.328e+06	0.0	-1.54e-04	0.0	80.0	-1.955e+04	6.660e+04	-2582.24	0.0	0.0	0.0
112	302	-1.47e-06	1.702e+05	7.09e-03	0.0	0.0	-1.200e+04	4.379e+04	-2127.19	0.0	1.702e+05	-3.503e+06
		-3.503e+06	0.0	1.20e-06	0.0	80.0	-1.200e+04	4.379e+04	-2127.19	0.0	0.0	-1.47e-06
112	311	0.0	1.399e+05	-3.56e-03	0.0	0.0	-1.505e+04	5.136e+04	-1748.49	0.0	1.399e+05	-4.109e+06
		-4.109e+06	0.0	-1.14e-04	0.0	80.0	-1.505e+04	5.136e+04	-1748.49	0.0	0.0	0.0
112	316	-1.06e-06	1.679e+05	7.65e-03	0.0	0.0	-1.202e+04	4.791e+04	-2098.21	0.0	1.679e+05	-3.832e+06
		-3.832e+06	0.0	-9.45e-05	0.0	80.0	-1.202e+04	4.791e+04	-2098.21	0.0	0.0	-1.06e-06
112	318	0.0	0.0	-1.79e-03	0.0	0.0	-2.503e+04	3.638e+04	85.70	0.0	-6855.76	-2.910e+06
		-2.910e+06	-6855.76	-1.47e-04	0.0	80.0	-2.503e+04	3.638e+04	85.70	0.0	0.0	0.0
112	321	2.51e-06	1.115e+05	-3.93e-03	0.0	0.0	-1.202e+04	4.362e+04	-1393.89	0.0	1.115e+05	-3.490e+06
		-3.490e+06	0.0	-6.50e-05	0.0	80.0	-1.202e+04	4.362e+04	-1393.89	0.0	0.0	2.51e-06
112	324	0.0	8.842e+04	-1.41e-05	0.0	0.0	-1.207e+04	3.532e+04	-1105.27	0.0	8.842e+04	-2.825e+06
		-2.825e+06	0.0	-4.13e-05	0.0	80.0	-1.207e+04	3.532e+04	-1105.27	0.0	0.0	0.0
112	334	3.51e-06	1.529e+05	-6.40e-03	0.0	0.0	-1.218e+04	4.343e+04	-1911.28	0.0	1.529e+05	-3.474e+06
		-3.474e+06	0.0	1.54e-04	0.0	80.0	-1.218e+04	4.343e+04	-1911.28	0.0	0.0	3.51e-06
112	338	3.25e-06	1.538e+05	-6.40e-03	0.0	0.0	-1.194e+04	4.358e+04	-1922.57	0.0	1.538e+05	-3.486e+06
		-3.486e+06	0.0	1.94e-04	0.0	80.0	-1.194e+04	4.358e+04	-1922.57	0.0	0.0	3.25e-06
112	341	-2.53e-06	0.0	-1.90e-03	0.0	0.0	-1.054e+04	3.150e+04	2117.04	0.0	-1.694e+05	-2.520e+06
		-2.520e+06	-1.694e+05	-6.60e-04	0.0	80.0	-1.054e+04	3.150e+04	2117.04	0.0	0.0	-2.53e-06
112	344	2.55e-06	3.462e+05	1.87e-03	0.0	0.0	-1.361e+04	3.913e+04	-4327.58	0.0	3.462e+05	-3.131e+06
		-3.131e+06	0.0	5.77e-04	0.0	80.0	-1.361e+04	3.913e+04	-4327.58	0.0	0.0	2.55e-06
112	350	0.0	3.643e+05	-1.93e-03	0.0	0.0	-1.263e+04	4.335e+04	-4554.37	0.0	3.643e+05	-3.468e+06
		-3.468e+06	0.0	7.05e-04	0.0	80.0	-1.263e+04	4.335e+04	-4554.37	0.0	0.0	0.0
112	351	0.0	0.0	1.91e-03	0.0	0.0	-1.152e+04	2.728e+04	2343.82	0.0	-1.875e+05	-2.182e+06
		-2.182e+06	-1.875e+05	-7.88e-04	0.0	80.0	-1.152e+04	2.728e+04	2343.82	0.0	0.0	0.0
112	370	1.67e-06	1.209e+05	-3.24e-03	0.0	0.0	-1.201e+04	3.945e+04	-1510.65	0.0	1.209e+05	-3.156e+06
		-3.156e+06	0.0	7.54e-05	0.0	80.0	-1.201e+04	3.945e+04	-1510.65	0.0	0.0	1.67e-06
112	373	0.0	0.0	-9.82e-04	0.0	0.0	-1.163e+04	3.380e+04	194.88	0.0	-1.559e+04	-2.704e+06
		-2.704e+06	-1.559e+04	-2.87e-04	0.0	80.0	-1.163e+04	3.380e+04	194.88	0.0	0.0	0.0
112	376	0.0	1.924e+05	9.54e-04	0.0	0.0	-1.252e+04	3.683e+04	-2405.42	0.0	1.924e+05	-2.946e+06
		-2.946e+06	0.0	2.03e-04	0.0	80.0	-1.252e+04	3.683e+04	-2405.42	0.0	0.0	0.0
112	382	0.0	2.256e+05	-9.86e-04	0.0	0.0	-1.235e+04	3.932e+04	-2819.72	0.0	2.256e+05	-3.145e+06
		-3.145e+06	0.0	3.29e-04	0.0	80.0	-1.235e+04	3.932e+04	-2819.72	0.0	0.0	0.0
112	383	0.0	0.0	9.57e-04	0.0	0.0	-1.180e+04	3.131e+04	609.18	0.0	-4.873e+04	-2.505e+06
		-2.505e+06	-4.873e+04	-4.13e-04	0.0	80.0	-1.180e+04	3.131e+04	609.18	0.0	0.0	0.0
115	49	6.084e+06	0.0	8.88e-03	0.0	0.0	-1.863e+04	-7.605e+04	3228.39	0.0	-2.583e+05	6.084e+06
		0.0	-2.583e+05	-7.46e-05	0.0	80.0	-1.863e+04	-7.605e+04	3228.39	0.0	0.0	0.0
115	81	4.694e+06	1.221e+05	6.67e-03	0.0	0.0	-4.263e+04	-5.867e+04	-1525.91	0.0	1.221e+05	4.694e+06
		0.0	0.0	-1.36e-04	0.0	80.0	-4.263e+04	-5.867e+04	-1525.91	0.0	0.0	0.0
115	84	3.012e+06	1.534e+05	5.28e-03	0.0	0.0	-3.033e+04	-3.765e+04	-1918.09	0.0	1.534e+05	3.012e+06

		0.0	0.0	4.77e-05	0.0	80.0-3.033e+04-3.765e+04	-1918.09	0.0	0.0	0.0
115	105	5.912e+06	0.0	-9.08e-03	0.0	0.0-1.864e+04-7.390e+04	2791.96	0.0	-2.234e+05	5.912e+06
		0.0-2.234e+05	0.0	-7.44e-05	0.0	80.0-1.864e+04-7.390e+04	2791.96	0.0	0.0	0.0
115	144	2.764e+06	0.0	1.85e-03	0.0	0.0-1.143e+04-3.455e+04	254.12	0.0	-2.033e+04	2.764e+06
		0.0-2.033e+04	0.0	2.12e-04	0.0	80.0-1.143e+04-3.455e+04	254.12	0.0	0.0	0.0
115	247	2.770e+06	1.468e+05	4.85e-03	0.0	0.0-2.979e+04-3.463e+04	-1835.22	0.0	1.468e+05	2.770e+06
		0.0	0.0	4.77e-05	0.0	80.0-2.979e+04-3.463e+04	-1835.22	0.0	0.0	0.0
115	259	3.672e+06	0.0	-6.82e-03	0.0	0.0-1.202e+04-4.591e+04	1363.20	0.0	-1.091e+05	3.672e+06
		0.0-1.091e+05	0.0	9.36e-05	0.0	80.0-1.202e+04-4.591e+04	1363.20	0.0	0.0	0.0
115	283	3.462e+06	0.0	4.79e-03	0.0	0.0-1.198e+04-4.327e+04	985.48	0.0	-7.884e+04	3.462e+06
		0.0-7.884e+04	0.0	1.55e-04	0.0	80.0-1.198e+04-4.327e+04	985.48	0.0	0.0	0.0
115	289	4.375e+06	0.0	-6.68e-03	0.0	0.0-1.384e+04-5.469e+04	2236.93	0.0	-1.790e+05	4.375e+06
		0.0-1.790e+05	0.0	-7.12e-05	0.0	80.0-1.384e+04-5.469e+04	2236.93	0.0	0.0	0.0
115	311	3.744e+06	0.0	-5.58e-03	0.0	0.0-1.273e+04-4.680e+04	1993.51	0.0	-1.595e+05	3.744e+06
		0.0-1.595e+05	0.0	-4.23e-05	0.0	80.0-1.273e+04-4.680e+04	1993.51	0.0	0.0	0.0
115	313	3.521e+06	0.0	4.02e-03	0.0	0.0-1.203e+04-4.401e+04	1647.20	0.0	-1.318e+05	3.521e+06
		0.0-1.318e+05	0.0	4.06e-05	0.0	80.0-1.203e+04-4.401e+04	1647.20	0.0	0.0	0.0
115	320	2.803e+06	5.607e+04	3.06e-03	0.0	0.0-2.537e+04-3.503e+04	-700.90	0.0	5.607e+04	2.803e+06
		0.0	0.0	-2.06e-05	0.0	80.0-2.537e+04-3.503e+04	-700.90	0.0	0.0	0.0
115	323	3.479e+06	0.0	-5.69e-03	0.0	0.0-1.204e+04-4.349e+04	1697.92	0.0	-1.358e+05	3.479e+06
		0.0-1.358e+05	0.0	1.38e-05	0.0	80.0-1.204e+04-4.349e+04	1697.92	0.0	0.0	0.0
115	324	2.825e+06	0.0	1.41e-05	0.0	0.0-1.207e+04-3.532e+04	1105.28	0.0	-8.842e+04	2.825e+06
		0.0-8.842e+04	0.0	4.13e-05	0.0	80.0-1.207e+04-3.532e+04	1105.28	0.0	0.0	0.0
115	334	2.118e+06	5658.89	-6.36e-03	0.0	0.0-1.218e+04-2.648e+04	-70.74	0.0	5658.89	2.118e+06
		-1.18e-05	0.0	3.18e-04	0.0	80.0-1.218e+04-2.648e+04	-70.74	0.0	0.0	-1.18e-05
115	343	3.685e+06	0.0	1.89e-03	0.0	0.0-1.272e+04-4.606e+04	3917.88	0.0	-3.134e+05	3.685e+06
		2.22e-06-3.134e+05	0.0	-9.18e-04	0.0	80.0-1.272e+04-4.606e+04	3917.88	0.0	0.0	2.22e-06
115	346	1.971e+06	1.487e+05	-1.86e-03	0.0	0.0-1.143e+04-2.463e+04	-1858.61	0.0	1.487e+05	1.971e+06
		-4.25e-06	0.0	9.95e-04	0.0	80.0-1.143e+04-2.463e+04	-1858.61	0.0	0.0	-4.25e-06
115	347	3.680e+06	0.0	1.89e-03	0.0	0.0-1.272e+04-4.600e+04	4069.16	0.0	-3.255e+05	3.680e+06
		4.25e-06-3.255e+05	0.0	-9.11e-04	0.0	80.0-1.272e+04-4.600e+04	4069.16	0.0	0.0	4.25e-06
115	353	3.071e+06	0.0	-1.90e-03	0.0	0.0-1.298e+04-3.838e+04	3724.19	0.0	-2.979e+05	3.071e+06
		-3.77e-06-2.979e+05	0.0	-4.52e-04	0.0	80.0-1.298e+04-3.838e+04	3724.19	0.0	0.0	-3.77e-06
115	356	2.580e+06	1.211e+05	1.93e-03	0.0	0.0-1.117e+04-3.225e+04	-1513.63	0.0	1.211e+05	2.580e+06
		3.77e-06	0.0	5.36e-04	0.0	80.0-1.117e+04-3.225e+04	-1513.63	0.0	0.0	3.77e-06
115	359	3.156e+06	0.0	3.24e-03	0.0	0.0-1.201e+04-3.945e+04	1510.66	0.0	-1.209e+05	3.156e+06
		2.37e-06-1.209e+05	0.0	-7.54e-05	0.0	80.0-1.201e+04-3.945e+04	1510.66	0.0	0.0	2.37e-06
115	369	2.636e+06	0.0	-3.22e-03	0.0	0.0-1.236e+04-3.295e+04	1351.71	0.0	-1.081e+05	2.636e+06
		-5.76e-06-1.081e+05	0.0	-3.67e-05	0.0	80.0-1.236e+04-3.295e+04	1351.71	0.0	0.0	-5.76e-06
115	378	2.505e+06	4.873e+04	-9.57e-04	0.0	0.0-1.180e+04-3.131e+04	-609.18	0.0	4.873e+04	2.505e+06
		-1.68e-06	0.0	4.13e-04	0.0	80.0-1.180e+04-3.131e+04	-609.18	0.0	0.0	-1.68e-06
115	379	3.145e+06	0.0	9.86e-04	0.0	0.0-1.235e+04-3.932e+04	2819.73	0.0	-2.256e+05	3.145e+06
		1.68e-06-2.256e+05	0.0	-3.29e-04	0.0	80.0-1.235e+04-3.932e+04	2819.73	0.0	0.0	1.68e-06
115	385	2.946e+06	0.0	-9.54e-04	0.0	0.0-1.252e+04-3.683e+04	2405.43	0.0	-1.924e+05	2.946e+06
		-1.86e-06-1.924e+05	0.0	-2.03e-04	0.0	80.0-1.252e+04-3.683e+04	2405.43	0.0	0.0	-1.86e-06
115	388	2.704e+06	1.559e+04	9.82e-04	0.0	0.0-1.163e+04-3.380e+04	-194.87	0.0	1.559e+04	2.704e+06
		1.86e-06	0.0	2.87e-04	0.0	80.0-1.163e+04-3.380e+04	-194.87	0.0	0.0	1.86e-06
116	89	-1.08e-06	0.0	-0.01	0.0	0.0-3.636e+04	6.667e+04	885.09	0.0	-7.081e+04-5.333e+06
		-5.333e+06-7.081e+04	0.0	-6.33e-05	0.0	80.0-3.636e+04	6.667e+04	885.09	0.0	0.0
116	92	0.0	8059.95	-8.80e-03	0.0	0.0-2.564e+04	4.357e+04	-100.75	0.0	8059.95-3.486e+06
		-3.486e+06	0.0	1.02e-04	0.0	80.0-2.564e+04	4.357e+04	-100.75	0.0	0.0
116	144	0.0	0.0	1.82e-03	0.0	0.0-1.142e+04	3.417e+04	343.65	0.0	-2.749e+04-2.733e+06
		-2.733e+06-2.749e+04	0.0	2.12e-04	0.0	80.0-1.142e+04	3.417e+04	343.65	0.0	0.0
116	165	2.78e-06	0.0	-8.96e-03	0.0	0.0-1.876e+04	7.584e+04	3339.70	0.0	-2.672e+05-6.067e+06
		-6.067e+06-2.672e+05	0.0	-8.50e-05	0.0	80.0-1.876e+04	7.584e+04	3339.70	0.0	0.0
116	251	0.0	5193.76	-9.09e-03	0.0	0.0-2.515e+04	4.057e+04	-64.92	0.0	5193.76-3.246e+06
		-3.246e+06	0.0	1.02e-04	0.0	80.0-2.515e+04	4.057e+04	-64.92	0.0	0.0
116	252	0.0	5566.92	-6.63e-03	0.0	0.0-2.188e+04	3.885e+04	-69.59	0.0	5566.92-3.108e+06
		-3.108e+06	0.0	1.39e-04	0.0	80.0-2.188e+04	3.885e+04	-69.59	0.0	0.0
116	283	0.0	0.0	4.76e-03	0.0	0.0-1.199e+04	4.224e+04	1056.87	0.0	-8.455e+04-3.379e+06
		-3.379e+06-8.455e+04	0.0	1.55e-04	0.0	80.0-1.199e+04	4.224e+04	1056.87	0.0	0.0
116	289	2.04e-06	0.0	-6.72e-03	0.0	0.0-1.382e+04	5.608e+04	2520.87	0.0	-2.017e+05-4.486e+06
		-4.486e+06-2.017e+05	0.0	-7.18e-05	0.0	80.0-1.382e+04	5.608e+04	2520.87	0.0	0.0
116	310	0.0	0.0	-1.60e-05	0.0	0.0-1.207e+04	3.446e+04	566.29	0.0	-4.530e+04-2.756e+06
		-2.756e+06-4.530e+04	0.0	1.31e-04	0.0	80.0-1.207e+04	3.446e+04	566.29	0.0	0.0
116	311	1.43e-06	0.0	-5.62e-03	0.0	0.0-1.272e+04	4.797e+04	2155.19	0.0	-1.724e+05-3.837e+06
		-3.837e+06-1.724e+05	0.0	-4.26e-05	0.0	80.0-1.272e+04	4.797e+04	2155.19	0.0	0.0
116	321	0.0	0.0	-7.40e-03	0.0	0.0-2.189e+04	3.961e+04	580.29	0.0	-4.642e+04-3.169e+06
		-3.169e+06-4.642e+04	0.0	2.01e-05	0.0	80.0-2.189e+04	3.961e+04	580.29	0.0	0.0
116	323	0.0	0.0	-5.73e-03	0.0	0.0-1.203e+04	4.466e+04	1928.99	0.0	-1.543e+05-3.572e+06
		-3.572e+06-1.543e+05	0.0	1.34e-05	0.0	80.0-1.203e+04	4.466e+04	1928.99	0.0	0.0
116	324	0.0	0.0	-1.63e-05	0.0	0.0-1.207e+04	3.532e+04	1105.29	0.0	-8.842e+04-2.825e+06
		-2.825e+06-8.842e+04	0.0	4.13e-05	0.0	80.0-1.207e+04	3.532e+04	1105.29	0.0	0.0
116	328	1.13e-05	7.581e+04	6.37e-03	0.0	0.0-1.015e+04	3.963e+04	-947.60	0.0	7.581e+04-3.170e+06
		-3.170e+06	0.0	3.43e-04	0.0	80.0-1.015e+04	3.963e+04	-947.60	0.0	0.0
116	341	-5.15e-06	0.0	-1.97e-03	0.0	0.0-1.428e+04	4.098e+04	9799.07	0.0	-7.839e+05-3.279e+06
		-3.279e+06-7.839e+05	0.0	-9.30e-04	0.0	80.0-1.428e+04	4.098e+04	9799.07	0.0	0.0

116	342	-1.27e-06	6.364e+05	-1.89e-03	0.0	0.0	-1.070e+04	2.568e+04	-7954.59	0.0	6.364e+05	-2.055e+06
		-2.055e+06	0.0	1.01e-03	0.0	80.0	-1.070e+04	2.568e+04	-7954.59	0.0	0.0	-1.27e-06
116	343	1.28e-06	0.0	1.86e-03	0.0	0.0	-1.344e+04	4.495e+04	1.017e+04	0.0	-8.132e+05	-3.596e+06
		-3.596e+06	-8.132e+05	-9.24e-04	0.0	80.0	-1.344e+04	4.495e+04	1.017e+04	0.0	0.0	1.28e-06
116	344	5.15e-06	6.071e+05	1.94e-03	0.0	0.0	-9872.30	2.965e+04	-7588.49	0.0	6.071e+05	-2.372e+06
		-2.372e+06	0.0	1.01e-03	0.0	80.0	-9872.30	2.965e+04	-7588.49	0.0	0.0	5.15e-06
116	347	-3.65e-06	0.0	1.86e-03	0.0	0.0	-1.345e+04	4.501e+04	1.006e+04	0.0	-8.048e+05	-3.600e+06
		-3.600e+06	-8.048e+05	-9.30e-04	0.0	80.0	-1.345e+04	4.501e+04	1.006e+04	0.0	0.0	-3.65e-06
116	357	-5.33e-06	0.0	-3.24e-03	0.0	0.0	-1.292e+04	3.291e+04	1488.81	0.0	-1.191e+05	-2.633e+06
		-2.633e+06	-1.191e+05	-7.57e-05	0.0	80.0	-1.292e+04	3.291e+04	1488.81	0.0	0.0	-5.33e-06
116	359	5.40e-06	0.0	3.21e-03	0.0	0.0	-1.150e+04	3.952e+04	2099.41	0.0	-1.680e+05	-3.162e+06
		-3.162e+06	-1.680e+05	-6.51e-05	0.0	80.0	-1.150e+04	3.952e+04	2099.41	0.0	0.0	5.40e-06
116	360	5.33e-06	0.0	3.21e-03	0.0	0.0	-1.123e+04	3.772e+04	721.76	0.0	-5.774e+04	-3.018e+06
		-3.018e+06	-5.774e+04	1.59e-04	0.0	80.0	-1.123e+04	3.772e+04	721.76	0.0	0.0	5.33e-06
116	367	-2.79e-06	0.0	3.21e-03	0.0	0.0	-1.151e+04	3.962e+04	1924.63	0.0	-1.540e+05	-3.170e+06
		-3.170e+06	-1.540e+05	-7.61e-05	0.0	80.0	-1.151e+04	3.962e+04	1924.63	0.0	0.0	-2.79e-06
116	374	-1.73e-06	1.026e+05	-9.86e-04	0.0	0.0	-1.184e+04	3.132e+04	-1282.39	0.0	1.026e+05	-2.506e+06
		-2.506e+06	0.0	4.14e-04	0.0	80.0	-1.184e+04	3.132e+04	-1282.39	0.0	0.0	-1.73e-06
116	375	1.73e-06	0.0	9.53e-04	0.0	0.0	-1.231e+04	3.931e+04	3492.96	0.0	-2.794e+05	-3.145e+06
		-3.145e+06	-2.794e+05	-3.30e-04	0.0	80.0	-1.231e+04	3.931e+04	3492.96	0.0	0.0	1.73e-06
119	49	6.556e+06	0.0	8.88e-03	0.0	0.0	-2.071e+04	-8.195e+04	3359.32	0.0	-2.687e+05	6.556e+06
		0.0	-2.687e+05	-9.98e-05	0.0	80.0	-2.071e+04	-8.195e+04	3359.32	0.0	0.0	0.0
119	73	6.375e+06	0.0	0.01	0.0	0.0	-3.685e+04	-7.969e+04	525.38	0.0	-4.203e+04	6.375e+06
		-2.00e-06	-4.203e+04	-9.06e-05	0.0	80.0	-3.685e+04	-7.969e+04	525.38	0.0	0.0	-2.00e-06
119	76	4.178e+06	6.430e+04	8.85e-03	0.0	0.0	-2.541e+04	-5.222e+04	-803.76	0.0	6.430e+04	4.178e+06
		-1.51e-06	0.0	8.41e-05	0.0	80.0	-2.541e+04	-5.222e+04	-803.76	0.0	0.0	-1.51e-06
119	81	5.260e+06	0.0	6.64e-03	0.0	0.0	-5.168e+04	-6.575e+04	6931.57	0.0	-5.545e+05	5.260e+06
		0.0	-5.545e+05	-2.02e-04	0.0	80.0	-5.168e+04	-6.575e+04	6931.57	0.0	0.0	0.0
119	162	2.791e+06	0.0	1.17e-03	0.0	0.0	-1.092e+04	-3.489e+04	748.01	0.0	-5.984e+04	2.791e+06
		0.0	-5.984e+04	1.17e-04	0.0	80.0	-1.092e+04	-3.489e+04	748.01	0.0	0.0	0.0
119	243	3.707e+06	1924.99	8.39e-03	0.0	0.0	-2.314e+04	-4.634e+04	-24.06	0.0	1924.99	3.707e+06
		-1.48e-06	0.0	8.27e-05	0.0	80.0	-2.314e+04	-4.634e+04	-24.06	0.0	0.0	-1.48e-06
119	244	3.484e+06	1.174e+04	6.49e-03	0.0	0.0	-2.015e+04	-4.355e+04	-146.76	0.0	1.174e+04	3.484e+06
		-1.12e-06	0.0	1.20e-04	0.0	80.0	-2.015e+04	-4.355e+04	-146.76	0.0	0.0	-1.12e-06
119	247	2.881e+06	0.0	4.83e-03	0.0	0.0	-3.413e+04	-3.601e+04	4721.27	0.0	-3.777e+05	2.881e+06
		0.0	-3.777e+05	1.10e-06	0.0	80.0	-3.413e+04	-3.601e+04	4721.27	0.0	0.0	0.0
119	287	2.856e+06	0.0	7.84e-04	0.0	0.0	-1.114e+04	-3.570e+04	1134.28	0.0	-9.074e+04	2.856e+06
		0.0	-9.074e+04	8.58e-05	0.0	80.0	-1.114e+04	-3.570e+04	1134.28	0.0	0.0	0.0
119	289	4.669e+06	0.0	-6.67e-03	0.0	0.0	-1.528e+04	-5.836e+04	2127.41	0.0	-1.702e+05	4.669e+06
		0.0	-1.702e+05	-8.93e-05	0.0	80.0	-1.528e+04	-5.836e+04	2127.41	0.0	0.0	0.0
119	309	2.825e+06	0.0	1.41e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.02	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.02	0.0	0.0	0.0
119	310	2.802e+06	0.0	1.39e-05	0.0	0.0	-1.115e+04	-3.502e+04	743.09	0.0	-5.945e+04	2.802e+06
		0.0	-5.945e+04	1.12e-04	0.0	80.0	-1.115e+04	-3.502e+04	743.09	0.0	0.0	0.0
119	311	3.836e+06	0.0	-5.58e-03	0.0	0.0	-1.283e+04	-4.794e+04	2367.14	0.0	-1.894e+05	3.836e+06
		0.0	-1.894e+05	-6.01e-05	0.0	80.0	-1.283e+04	-4.794e+04	2367.14	0.0	0.0	0.0
119	319	3.469e+06	0.0	5.72e-03	0.0	0.0	-2.014e+04	-4.337e+04	1111.18	0.0	-8.889e+04	3.469e+06
		-1.07e-06	-8.889e+04	1.03e-06	0.0	80.0	-2.014e+04	-4.337e+04	1111.18	0.0	0.0	-1.07e-06
119	320	2.850e+06	0.0	3.05e-03	0.0	0.0	-2.838e+04	-3.562e+04	4670.17	0.0	-3.736e+05	2.850e+06
		0.0	-3.736e+05	-6.06e-05	0.0	80.0	-2.838e+04	-3.562e+04	4670.17	0.0	0.0	0.0
119	324	2.825e+06	0.0	1.41e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.02	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.02	0.0	0.0	0.0
119	325	2.385e+06	0.0	-6.39e-03	0.0	0.0	-1.076e+04	-2.981e+04	3093.74	0.0	-2.475e+05	2.385e+06
		-4.01e-06	-2.475e+05	-2.51e-04	0.0	80.0	-1.076e+04	-2.981e+04	3093.74	0.0	0.0	-4.01e-06
119	326	2.269e+06	0.0	-6.35e-03	0.0	0.0	-1.091e+04	-2.836e+04	54.58	0.0	-4366.02	2.269e+06
		-4.69e-06	-4366.02	3.19e-04	0.0	80.0	-1.091e+04	-2.836e+04	54.58	0.0	0.0	-4.69e-06
119	327	3.381e+06	0.0	6.37e-03	0.0	0.0	-1.137e+04	-4.226e+04	3309.47	0.0	-2.648e+05	3.381e+06
		4.69e-06	-2.648e+05	-2.72e-04	0.0	80.0	-1.137e+04	-4.226e+04	3309.47	0.0	0.0	4.69e-06
119	328	3.265e+06	0.0	6.42e-03	0.0	0.0	-1.153e+04	-4.082e+04	270.30	0.0	-2.162e+04	3.265e+06
		4.01e-06	-2.162e+04	2.97e-04	0.0	80.0	-1.153e+04	-4.082e+04	270.30	0.0	0.0	4.01e-06
119	346	2.486e+06	2.920e+05	-1.83e-03	0.0	0.0	-1.131e+04	-3.108e+04	-3649.67	0.0	2.920e+05	2.486e+06
		0.0	0.0	9.69e-04	0.0	80.0	-1.131e+04	-3.108e+04	-3649.67	0.0	0.0	0.0
119	347	3.164e+06	0.0	1.86e-03	0.0	0.0	-1.097e+04	-3.954e+04	7013.71	0.0	-5.611e+05	3.164e+06
		0.0	-5.611e+05	-9.23e-04	0.0	80.0	-1.097e+04	-3.954e+04	7013.71	0.0	0.0	0.0
119	359	3.091e+06	0.0	3.24e-03	0.0	0.0	-1.126e+04	-3.864e+04	2568.47	0.0	-2.055e+05	3.091e+06
		2.13e-06	-2.055e+05	-9.35e-05	0.0	80.0	-1.126e+04	-3.864e+04	2568.47	0.0	0.0	2.13e-06
119	361	2.588e+06	0.0	-3.22e-03	0.0	0.0	-1.096e+04	-3.236e+04	2314.19	0.0	-1.851e+05	2.588e+06
		-2.22e-06	-1.851e+05	-4.46e-05	0.0	80.0	-1.096e+04	-3.236e+04	2314.19	0.0	0.0	-2.22e-06
119	364	3.061e+06	0.0	3.24e-03	0.0	0.0	-1.133e+04	-3.827e+04	1049.85	0.0	-8.399e+04	3.061e+06
		2.21e-06	-8.399e+04	9.07e-05	0.0	80.0	-1.133e+04	-3.827e+04	1049.85	0.0	0.0	2.21e-06
119	378	2.696e+06	9.809e+04	-9.56e-04	0.0	0.0	-1.120e+04	-3.371e+04	-1226.15	0.0	9.809e+04	2.696e+06
		0.0	0.0	3.93e-04	0.0	80.0	-1.120e+04	-3.371e+04	-1226.15	0.0	0.0	0.0
119	379	2.953e+06	0.0	9.84e-04	0.0	0.0	-1.108e+04	-3.692e+04	4590.19	0.0	-3.672e+05	2.953e+06
		0.0	-3.672e+05	-3.46e-04	0.0	80.0	-1.108e+04	-3.692e+04	4590.19	0.0	0.0	0.0
120	89	0.0	0.0	-0.01	0.0	0.0	-4.212e+04	7.788e+04	28.65	0.0	-2291.89	-6.231e+06
		-6.231e+06	-2291.89	-1.03e-04	0.0	80.0	-4.212e+04	7.788e+04	28.65	0.0	0.0	0.0
120	92	0.0	9.485e+04	-8.78e-03	0.0	0.0	-2.936e+04	5.079e+04	-1185.65	0.0	9.485e+04	-4.063e+06

		-4.063e+06	0.0	7.47e-05	0.0	80.0	-2.936e+04	5.079e+04	-1185.65	0.0	0.0	0.0
120	105	0.0	0.0	-9.14e-03	0.0	0.0	-2.072e+04	8.161e+04	3417.87	0.0	-2.734e+05	-6.529e+06
		-6.529e+06	-2.734e+05	-1.01e-04	0.0	80.0	-2.072e+04	8.161e+04	3417.87	0.0	0.0	0.0
120	162	0.0	0.0	1.14e-03	0.0	0.0	-1.093e+04	3.457e+04	812.69	0.0	-6.502e+04	-2.766e+06
		-2.766e+06	-6.502e+04	1.17e-04	0.0	80.0	-1.093e+04	3.457e+04	812.69	0.0	0.0	0.0
120	165	0.0	0.0	-8.95e-03	0.0	0.0	-2.064e+04	8.140e+04	3461.10	0.0	-2.769e+05	-6.512e+06
		-6.512e+06	-2.769e+05	-1.10e-04	0.0	80.0	-2.064e+04	8.140e+04	3461.10	0.0	0.0	0.0
120	251	0.0	3.323e+04	-9.07e-03	0.0	0.0	-2.705e+04	4.502e+04	-415.39	0.0	3.323e+04	-3.602e+06
		-3.602e+06	0.0	7.35e-05	0.0	80.0	-2.705e+04	4.502e+04	-415.39	0.0	0.0	0.0
120	252	0.0	3.530e+04	-6.61e-03	0.0	0.0	-2.308e+04	4.252e+04	-441.23	0.0	3.530e+04	-3.401e+06
		-3.401e+06	0.0	1.13e-04	0.0	80.0	-2.308e+04	4.252e+04	-441.23	0.0	0.0	0.0
120	255	0.0	0.0	-7.86e-03	0.0	0.0	-1.919e+04	4.574e+04	610.99	0.0	-4.888e+04	-3.659e+06
		-3.659e+06	-4.888e+04	8.44e-05	0.0	80.0	-1.919e+04	4.574e+04	610.99	0.0	0.0	0.0
120	287	0.0	0.0	7.53e-04	0.0	0.0	-1.106e+04	3.548e+04	1177.25	0.0	-9.418e+04	-2.839e+06
		-2.839e+06	-9.418e+04	8.57e-05	0.0	80.0	-1.106e+04	3.548e+04	1177.25	0.0	0.0	0.0
120	289	0.0	0.0	-6.72e-03	0.0	0.0	-1.529e+04	6.017e+04	2630.63	0.0	-2.105e+05	-4.813e+06
		-4.813e+06	-2.105e+05	-9.03e-05	0.0	80.0	-1.529e+04	6.017e+04	2630.63	0.0	0.0	0.0
120	309	0.0	0.0	-1.62e-05	0.0	0.0	-1.114e+04	3.531e+04	1682.01	0.0	-1.346e+05	-2.825e+06
		-2.825e+06	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	1682.01	0.0	0.0	0.0
120	310	0.0	0.0	-1.61e-05	0.0	0.0	-1.115e+04	3.502e+04	714.82	0.0	-5.719e+04	-2.802e+06
		-2.802e+06	-5.719e+04	1.12e-04	0.0	80.0	-1.115e+04	3.502e+04	714.82	0.0	0.0	0.0
120	311	0.0	0.0	-5.62e-03	0.0	0.0	-1.283e+04	4.946e+04	2708.28	0.0	-2.167e+05	-3.957e+06
		-3.957e+06	-2.167e+05	-6.08e-05	0.0	80.0	-1.283e+04	4.946e+04	2708.28	0.0	0.0	0.0
120	321	0.0	0.0	-7.38e-03	0.0	0.0	-2.306e+04	4.254e+04	792.35	0.0	-6.339e+04	-3.403e+06
		-3.403e+06	-6.339e+04	-5.83e-06	0.0	80.0	-2.306e+04	4.254e+04	792.35	0.0	0.0	0.0
120	322	0.0	0.0	-6.48e-03	0.0	0.0	-1.716e+04	4.308e+04	1562.13	0.0	-1.250e+05	-3.446e+06
		-3.446e+06	-1.250e+05	2.33e-06	0.0	80.0	-1.716e+04	4.308e+04	1562.13	0.0	0.0	0.0
120	324	0.0	0.0	-1.62e-05	0.0	0.0	-1.114e+04	3.531e+04	1682.01	0.0	-1.346e+05	-2.825e+06
		-2.825e+06	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	1682.01	0.0	0.0	0.0
120	333	-4.54e-06	0.0	-6.41e-03	0.0	0.0	-9619.72	2.898e+04	6194.03	0.0	-4.955e+05	-2.318e+06
		-2.318e+06	-4.955e+05	-2.57e-04	0.0	80.0	-9619.72	2.898e+04	6194.03	0.0	0.0	-4.54e-06
120	335	3.99e-06	0.0	6.34e-03	0.0	0.0	-1.216e+04	4.262e+04	6750.26	0.0	-5.400e+05	-3.410e+06
		-3.410e+06	-5.400e+05	-2.80e-04	0.0	80.0	-1.216e+04	4.262e+04	6750.26	0.0	0.0	3.99e-06
120	336	4.54e-06	2.264e+05	6.38e-03	0.0	0.0	-1.267e+04	4.164e+04	-2830.01	0.0	2.264e+05	-3.332e+06
		-3.332e+06	0.0	3.03e-04	0.0	80.0	-1.267e+04	4.164e+04	-2830.01	0.0	0.0	4.54e-06
120	342	1.68e-06	1.161e+06	-1.86e-03	0.0	0.0	-1.160e+04	3.167e+04	-1.451e+04	0.0	1.161e+06	-2.533e+06
		-2.533e+06	0.0	9.93e-04	0.0	80.0	-1.160e+04	3.167e+04	-1.451e+04	0.0	0.0	1.68e-06
120	343	-1.68e-06	0.0	1.83e-03	0.0	0.0	-1.068e+04	3.896e+04	1.787e+04	0.0	-1.430e+06	-3.117e+06
		-3.117e+06	-1.430e+06	-9.47e-04	0.0	80.0	-1.068e+04	3.896e+04	1.787e+04	0.0	0.0	-1.68e-06
120	365	-2.11e-06	0.0	-3.24e-03	0.0	0.0	-1.045e+04	3.207e+04	2713.84	0.0	-2.171e+05	-2.566e+06
		-2.566e+06	-2.171e+05	-8.32e-05	0.0	80.0	-1.045e+04	3.207e+04	2713.84	0.0	0.0	-2.11e-06
120	367	2.13e-06	0.0	3.21e-03	0.0	0.0	-1.174e+04	3.891e+04	2993.96	0.0	-2.395e+05	-3.112e+06
		-3.112e+06	-2.395e+05	-9.47e-05	0.0	80.0	-1.174e+04	3.891e+04	2993.96	0.0	0.0	2.13e-06
120	368	2.12e-06	0.0	3.21e-03	0.0	0.0	-1.184e+04	3.855e+04	650.17	0.0	-5.201e+04	-3.084e+06
		-3.084e+06	-5.201e+04	1.29e-04	0.0	80.0	-1.184e+04	3.855e+04	650.17	0.0	0.0	2.12e-06
120	372	2.15e-06	0.0	3.21e-03	0.0	0.0	-1.183e+04	3.857e+04	1136.95	0.0	-9.096e+04	-3.086e+06
		-3.086e+06	-9.096e+04	9.05e-05	0.0	80.0	-1.183e+04	3.857e+04	1136.95	0.0	0.0	2.15e-06
120	374	0.0	1.869e+05	-9.85e-04	0.0	0.0	-1.111e+04	3.371e+04	-2335.66	0.0	1.869e+05	-2.697e+06
		-2.697e+06	0.0	3.95e-04	0.0	80.0	-1.111e+04	3.371e+04	-2335.66	0.0	0.0	0.0
120	375	0.0	0.0	9.53e-04	0.0	0.0	-1.118e+04	3.692e+04	5699.67	0.0	-4.560e+05	-2.953e+06
		-2.953e+06	-4.560e+05	-3.49e-04	0.0	80.0	-1.118e+04	3.692e+04	5699.67	0.0	0.0	0.0
123	49	7.190e+06	3.835e+05	8.88e-03	0.0	0.0	-2.345e+04	-8.988e+04	-4793.34	0.0	3.835e+05	7.190e+06
		-2.99e-06	0.0	-1.80e-04	0.0	80.0	-2.345e+04	-8.988e+04	-4793.34	0.0	0.0	-2.99e-06
123	73	7.475e+06	3.973e+05	0.01	0.0	0.0	-4.030e+04	-9.343e+04	-4965.96	0.0	3.973e+05	7.475e+06
		-2.35e-06	0.0	-2.19e-04	0.0	80.0	-4.030e+04	-9.343e+04	-4965.96	0.0	0.0	-2.35e-06
123	81	6.039e+06	8.968e+05	6.67e-03	0.0	0.0	-6.045e+04	-7.548e+04	-1.121e+04	0.0	8.968e+05	6.039e+06
		-1.06e-06	0.0	-3.37e-04	0.0	80.0	-6.045e+04	-7.548e+04	-1.121e+04	0.0	0.0	-1.06e-06
123	97	7.122e+06	5.181e+05	-0.01	0.0	0.0	-2.342e+04	-8.903e+04	-6476.85	0.0	5.181e+05	7.122e+06
		2.80e-06	0.0	-1.98e-04	0.0	80.0	-2.342e+04	-8.903e+04	-6476.85	0.0	0.0	2.80e-06
123	124	2.861e+06	2.862e+05	1.17e-03	0.0	0.0	-1.089e+04	-3.577e+04	-3577.33	0.0	2.862e+05	2.861e+06
		0.0	0.0	1.52e-04	0.0	80.0	-1.089e+04	-3.577e+04	-3577.33	0.0	0.0	0.0
123	210	5.119e+06	3.299e+05	-6.67e-03	0.0	0.0	-1.731e+04	-6.399e+04	-4123.81	0.0	3.299e+05	5.119e+06
		2.10e-06	0.0	-1.33e-04	0.0	80.0	-1.731e+04	-6.399e+04	-4123.81	0.0	0.0	2.10e-06
123	231	3.882e+06	2.000e+05	6.48e-03	0.0	0.0	-1.123e+04	-4.852e+04	-2499.87	0.0	2.000e+05	3.882e+06
		-2.18e-06	0.0	3.47e-05	0.0	80.0	-1.123e+04	-4.852e+04	-2499.87	0.0	0.0	-2.18e-06
123	247	3.029e+06	5.802e+05	4.84e-03	0.0	0.0	-3.864e+04	-3.786e+04	-7252.82	0.0	5.802e+05	3.029e+06
		0.0	0.0	-8.20e-05	0.0	80.0	-3.864e+04	-3.786e+04	-7252.82	0.0	0.0	0.0
123	268	2.902e+06	2.410e+05	7.84e-04	0.0	0.0	-1.104e+04	-3.628e+04	-3012.15	0.0	2.410e+05	2.902e+06
		0.0	0.0	9.24e-05	0.0	80.0	-1.104e+04	-3.628e+04	-3012.15	0.0	0.0	0.0
123	270	5.124e+06	3.490e+05	-6.67e-03	0.0	0.0	-1.725e+04	-6.405e+04	-4362.14	0.0	3.490e+05	5.124e+06
		2.10e-06	0.0	-1.17e-04	0.0	80.0	-1.725e+04	-6.405e+04	-4362.14	0.0	0.0	2.10e-06
123	310	2.848e+06	2.097e+05	1.42e-05	0.0	0.0	-1.113e+04	-3.560e+04	-2620.95	0.0	2.097e+05	2.848e+06
		0.0	0.0	6.60e-05	0.0	80.0	-1.113e+04	-3.560e+04	-2620.95	0.0	0.0	0.0
123	311	3.994e+06	1.990e+05	-5.58e-03	0.0	0.0	-1.363e+04	-4.993e+04	-2487.93	0.0	1.990e+05	3.994e+06
		1.78e-06	0.0	-1.10e-04	0.0	80.0	-1.363e+04	-4.993e+04	-2487.93	0.0	0.0	1.78e-06
123	316	3.566e+06	1.277e+05	4.29e-03	0.0	0.0	-1.121e+04	-4.457e+04	-1595.73	0.0	1.277e+05	3.566e+06
		-1.44e-06	0.0	-4.66e-05	0.0	80.0	-1.121e+04	-4.457e+04	-1595.73	0.0	0.0	-1.44e-06

123	320	2.926e+06	4.128e+05	3.06e-03	0.0	0.0	-3.177e+04	-3.658e+04	-5160.44	0.0	4.128e+05	2.926e+06
		0.0	0.0	-1.34e-04	0.0	80.0	-3.177e+04	-3.658e+04	-5160.44	0.0	0.0	0.0
123	322	3.528e+06	2.025e+05	-6.44e-03	0.0	0.0	-1.120e+04	-4.410e+04	-2531.01	0.0	2.025e+05	3.528e+06
		1.78e-06	0.0	-5.68e-05	0.0	80.0	-1.120e+04	-4.410e+04	-2531.01	0.0	0.0	1.78e-06
123	324	2.825e+06	1.346e+05	1.41e-05	0.0	0.0	-1.114e+04	-3.531e+04	-1682.02	0.0	1.346e+05	2.825e+06
		0.0	0.0	-2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	-1682.02	0.0	0.0	0.0
123	328	3.374e+06	3.279e+05	6.40e-03	0.0	0.0	-1.138e+04	-4.217e+04	-4098.45	0.0	3.279e+05	3.374e+06
		-9.68e-06	0.0	2.51e-04	0.0	80.0	-1.138e+04	-4.217e+04	-4098.45	0.0	0.0	-9.68e-06
123	336	3.385e+06	2.655e+05	6.39e-03	0.0	0.0	-1.139e+04	-4.231e+04	-3318.30	0.0	2.655e+05	3.385e+06
		-2.99e-06	0.0	2.72e-04	0.0	80.0	-1.139e+04	-4.231e+04	-3318.30	0.0	0.0	-2.99e-06
123	338	2.353e+06	2.365e+05	-6.37e-03	0.0	0.0	-1.077e+04	-2.941e+04	-2955.97	0.0	2.365e+05	2.353e+06
		2.61e-06	0.0	1.13e-04	0.0	80.0	-1.077e+04	-2.941e+04	-2955.97	0.0	0.0	2.61e-06
123	339	3.297e+06	3.265e+04	6.39e-03	0.0	0.0	-1.152e+04	-4.121e+04	-408.08	0.0	3.265e+04	3.297e+06
		-2.62e-06	0.0	-1.59e-04	0.0	80.0	-1.152e+04	-4.121e+04	-408.08	0.0	0.0	-2.62e-06
123	341	2.472e+06	0.0	-1.90e-03	0.0	0.0	-1.125e+04	-3.090e+04	3679.10	0.0	-2.943e+05	2.472e+06
		4.29e-06	-2.943e+05	-9.70e-04	0.0	80.0	-1.125e+04	-3.090e+04	3679.10	0.0	0.0	4.29e-06
123	344	3.178e+06	5.635e+05	1.93e-03	0.0	0.0	-1.104e+04	-3.972e+04	-7043.14	0.0	5.635e+05	3.178e+06
		-4.31e-06	0.0	9.24e-04	0.0	80.0	-1.104e+04	-3.972e+04	-7043.14	0.0	0.0	-4.31e-06
123	363	3.056e+06	1.152e+05	3.24e-03	0.0	0.0	-1.132e+04	-3.820e+04	-1440.45	0.0	1.152e+05	3.056e+06
		-4.58e-06	0.0	-1.01e-04	0.0	80.0	-1.132e+04	-3.820e+04	-1440.45	0.0	0.0	-4.58e-06
123	368	3.091e+06	2.055e+05	3.24e-03	0.0	0.0	-1.126e+04	-3.864e+04	-2568.47	0.0	2.055e+05	3.091e+06
		-1.26e-06	0.0	9.35e-05	0.0	80.0	-1.126e+04	-3.864e+04	-2568.47	0.0	0.0	-1.26e-06
123	370	2.588e+06	1.851e+05	-3.22e-03	0.0	0.0	-1.096e+04	-3.236e+04	-2314.19	0.0	1.851e+05	2.588e+06
		1.30e-06	0.0	4.46e-05	0.0	80.0	-1.096e+04	-3.236e+04	-2314.19	0.0	0.0	1.30e-06
123	371	3.061e+06	8.399e+04	3.24e-03	0.0	0.0	-1.133e+04	-3.827e+04	-1049.85	0.0	8.399e+04	3.061e+06
		-1.32e-06	0.0	-9.07e-05	0.0	80.0	-1.133e+04	-3.827e+04	-1049.85	0.0	0.0	-1.32e-06
123	373	2.696e+06	0.0	-9.56e-04	0.0	0.0	-1.120e+04	-3.371e+04	1226.15	0.0	-9.809e+04	2.696e+06
		1.30e-06	-9.809e+04	-3.93e-04	0.0	80.0	-1.120e+04	-3.371e+04	1226.15	0.0	0.0	1.30e-06
123	376	2.953e+06	3.672e+05	9.84e-04	0.0	0.0	-1.108e+04	-3.692e+04	-4590.19	0.0	3.672e+05	2.953e+06
		-1.31e-06	0.0	3.46e-04	0.0	80.0	-1.108e+04	-3.692e+04	-4590.19	0.0	0.0	-1.31e-06
124	73	-3.04e-06	5.526e+05	0.01	0.0	0.0	-2.345e+04	9.145e+04	-6907.18	0.0	5.526e+05	-7.316e+06
		-7.316e+06	0.0	-2.15e-04	0.0	80.0	-2.345e+04	9.145e+04	-6907.18	0.0	0.0	-3.04e-06
124	89	0.0	4.004e+05	-0.01	0.0	0.0	-4.651e+04	9.193e+04	-5005.16	0.0	4.004e+05	-7.354e+06
		-7.354e+06	0.0	-2.47e-04	0.0	80.0	-4.651e+04	9.193e+04	-5005.16	0.0	0.0	0.0
124	97	3.39e-06	4.023e+05	-0.01	0.0	0.0	-3.454e+04	9.129e+04	-5028.50	0.0	4.023e+05	-7.303e+06
		-7.303e+06	0.0	-2.01e-04	0.0	80.0	-3.454e+04	9.129e+04	-5028.50	0.0	0.0	3.39e-06
124	124	0.0	2.982e+05	1.14e-03	0.0	0.0	-1.090e+04	3.544e+04	-3727.16	0.0	2.982e+05	-2.835e+06
		-2.835e+06	0.0	1.52e-04	0.0	80.0	-1.090e+04	3.544e+04	-3727.16	0.0	0.0	0.0
124	205	0.0	1.829e+05	-2.20e-05	0.0	0.0	-1.506e+04	4.782e+04	-2286.65	0.0	1.829e+05	-3.826e+06
		-3.826e+06	0.0	-3.07e-05	0.0	80.0	-1.506e+04	4.782e+04	-2286.65	0.0	0.0	0.0
124	210	-1.26e-06	2.955e+05	-6.72e-03	0.0	0.0	-1.735e+04	6.588e+04	-3693.60	0.0	2.955e+05	-5.270e+06
		-5.270e+06	0.0	-1.34e-04	0.0	80.0	-1.735e+04	6.588e+04	-3693.60	0.0	0.0	-1.26e-06
124	243	-2.22e-06	3.260e+05	8.36e-03	0.0	0.0	-1.123e+04	4.971e+04	-4074.65	0.0	3.260e+05	-3.977e+06
		-3.977e+06	0.0	8.49e-06	0.0	80.0	-1.123e+04	4.971e+04	-4074.65	0.0	0.0	-2.22e-06
124	251	0.0	2.133e+05	-9.08e-03	0.0	0.0	-2.831e+04	5.007e+04	-2665.75	0.0	2.133e+05	-4.005e+06
		-4.005e+06	0.0	-1.49e-05	0.0	80.0	-2.831e+04	5.007e+04	-2665.75	0.0	0.0	0.0
124	255	2.55e-06	2.146e+05	-7.87e-03	0.0	0.0	-1.944e+04	4.959e+04	-2683.04	0.0	2.146e+05	-3.967e+06
		-3.967e+06	0.0	1.91e-05	0.0	80.0	-1.944e+04	4.959e+04	-2683.04	0.0	0.0	2.55e-06
124	268	0.0	2.489e+05	7.53e-04	0.0	0.0	-1.104e+04	3.606e+04	-3111.63	0.0	2.489e+05	-2.885e+06
		-2.885e+06	0.0	9.26e-05	0.0	80.0	-1.104e+04	3.606e+04	-3111.63	0.0	0.0	0.0
124	270	-1.26e-06	3.150e+05	-6.72e-03	0.0	0.0	-1.730e+04	6.594e+04	-3937.45	0.0	3.150e+05	-5.275e+06
		-5.275e+06	0.0	-1.18e-04	0.0	80.0	-1.730e+04	6.594e+04	-3937.45	0.0	0.0	-1.26e-06
124	310	0.0	2.119e+05	-1.63e-05	0.0	0.0	-1.113e+04	3.560e+04	-2649.21	0.0	2.119e+05	-2.848e+06
		-2.848e+06	0.0	6.61e-05	0.0	80.0	-1.113e+04	3.560e+04	-2649.21	0.0	0.0	0.0
124	311	0.0	1.684e+05	-5.62e-03	0.0	0.0	-1.366e+04	5.151e+04	-2104.38	0.0	1.684e+05	-4.121e+06
		-4.121e+06	0.0	-1.11e-04	0.0	80.0	-1.366e+04	5.151e+04	-2104.38	0.0	0.0	0.0
124	319	-1.43e-06	2.167e+05	5.69e-03	0.0	0.0	-1.121e+04	4.563e+04	-2709.10	0.0	2.167e+05	-3.650e+06
		-3.650e+06	0.0	-6.64e-05	0.0	80.0	-1.121e+04	4.563e+04	-2709.10	0.0	0.0	-1.43e-06
124	321	0.0	1.322e+05	-7.39e-03	0.0	0.0	-2.402e+04	4.589e+04	-1652.43	0.0	1.322e+05	-3.671e+06
		-3.671e+06	0.0	-8.39e-05	0.0	80.0	-2.402e+04	4.589e+04	-1652.43	0.0	0.0	0.0
124	322	2.15e-06	1.332e+05	-6.48e-03	0.0	0.0	-1.737e+04	4.554e+04	-1665.39	0.0	1.332e+05	-3.643e+06
		-3.643e+06	0.0	-5.84e-05	0.0	80.0	-1.737e+04	4.554e+04	-1665.39	0.0	0.0	2.15e-06
124	324	0.0	1.346e+05	-1.62e-05	0.0	0.0	-1.114e+04	3.531e+04	-1682.02	0.0	1.346e+05	-2.825e+06
		-2.825e+06	0.0	-2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	-1682.02	0.0	0.0	0.0
124	326	1.83e-06	4.953e+05	-6.39e-03	0.0	0.0	-9645.76	2.900e+04	-6191.69	0.0	4.953e+05	-2.320e+06
		-2.320e+06	0.0	2.57e-04	0.0	80.0	-9645.76	2.900e+04	-6191.69	0.0	0.0	1.83e-06
124	327	-1.82e-06	0.0	6.36e-03	0.0	0.0	-1.264e+04	4.162e+04	2827.64	0.0	-2.262e+05	-3.330e+06
		-3.330e+06	-2.262e+05	-3.03e-04	0.0	80.0	-1.264e+04	4.162e+04	2827.64	0.0	0.0	-1.82e-06
124	328	-3.10e-06	5.398e+05	6.36e-03	0.0	0.0	-1.219e+04	4.264e+04	-6747.93	0.0	5.398e+05	-3.412e+06
		-3.412e+06	0.0	2.80e-04	0.0	80.0	-1.219e+04	4.264e+04	-6747.93	0.0	0.0	-3.10e-06
124	333	1.19e-05	0.0	-6.39e-03	0.0	0.0	-1.010e+04	2.808e+04	3845.75	0.0	-3.077e+05	-2.246e+06
		-2.246e+06	-3.077e+05	-3.05e-04	0.0	80.0	-1.010e+04	2.808e+04	3845.75	0.0	0.0	1.19e-05
124	345	5.51e-06	1.37e-06	-1.93e-03	0.0	0.0	-1.152e+04	3.159e+04	1.450e+04	0.0	-1.160e+06	-2.527e+06
		-2.527e+06	-1.160e+06	-9.93e-04	0.0	80.0	-1.152e+04	3.159e+04	1.450e+04	0.0	1.37e-06	5.51e-06
124	348	-5.51e-06	1.429e+06	1.90e-03	0.0	0.0	-1.077e+04	3.903e+04	-1.786e+04	0.0	1.429e+06	-3.123e+06
		-3.123e+06	-1.37e-06	9.47e-04	0.0	80.0	-1.077e+04	3.903e+04	-1.786e+04	0.0	-1.37e-06	-5.51e-06
124	358	1.27e-06	2.171e+05	-3.24e-03	0.0	0.0	-1.045e+04	3.207e+04	-2713.86	0.0	2.171e+05	-2.566e+06

		-2.566e+06	0.0	8.32e-05	0.0	80.0	-1.045e+04	3.207e+04	-2713.86	0.0	0.0	1.27e-06
124	359	-1.27e-06	5.202e+04	3.21e-03	0.0	0.0	-1.184e+04	3.855e+04	-650.19	0.0	5.202e+04	-3.084e+06
		-3.084e+06	0.0	-1.29e-04	0.0	80.0	-1.184e+04	3.855e+04	-650.19	0.0	0.0	-1.27e-06
124	360	-1.25e-06	2.395e+05	3.21e-03	0.0	0.0	-1.174e+04	3.891e+04	-2993.97	0.0	2.395e+05	-3.112e+06
		-3.112e+06	0.0	9.47e-05	0.0	80.0	-1.174e+04	3.891e+04	-2993.97	0.0	0.0	-1.25e-06
124	370	5.70e-06	1.597e+05	-3.24e-03	0.0	0.0	-1.046e+04	3.210e+04	-1995.94	0.0	1.597e+05	-2.568e+06
		-2.568e+06	0.0	5.53e-05	0.0	80.0	-1.046e+04	3.210e+04	-1995.94	0.0	0.0	5.70e-06
124	377	1.67e-06	0.0	-9.85e-04	0.0	0.0	-1.111e+04	3.371e+04	2335.64	0.0	-1.869e+05	-2.697e+06
		-2.697e+06	-1.869e+05	-3.95e-04	0.0	80.0	-1.111e+04	3.371e+04	2335.64	0.0	0.0	1.67e-06
124	380	-1.66e-06	4.560e+05	9.53e-04	0.0	0.0	-1.118e+04	3.692e+04	-5699.69	0.0	4.560e+05	-2.953e+06
		-2.953e+06	0.0	3.49e-04	0.0	80.0	-1.118e+04	3.692e+04	-5699.69	0.0	0.0	-1.66e-06
127	73	8.087e+06	1.391e+05	0.01	0.0	0.0	-5.873e+04	-6.775e+04	-1738.51	0.0	1.391e+05	8.087e+06
		2.24e-06	0.0	-2.79e-04	0.0	80.0	-4.758e+04	-1.011e+05	-1738.51	0.0	0.0	2.24e-06
127	81	6.512e+06	0.0	6.73e-03	0.0	0.0	-6.361e+04	-8.140e+04	832.96	0.0	-6.664e+04	6.512e+06
		0.0	-6.664e+04	-4.31e-04	0.0	80.0	-6.361e+04	-8.140e+04	832.96	0.0	0.0	0.0
127	82	5.420e+06	0.0	6.72e-03	0.0	0.0	-5.873e+04	-6.775e+04	1158.23	0.0	-9.266e+04	5.420e+06
		0.0	-9.266e+04	-4.14e-04	0.0	80.0	-5.873e+04	-6.775e+04	1158.23	0.0	0.0	0.0
127	89	7.990e+06	3.567e+05	-0.01	0.0	0.0	-2.649e+04	-9.987e+04	-4458.98	0.0	3.567e+05	7.990e+06
		0.0	0.0	-3.08e-04	0.0	80.0	-2.649e+04	-9.987e+04	-4458.98	0.0	0.0	0.0
127	105	7.382e+06	2.997e+05	-9.08e-03	0.0	0.0	-2.652e+04	-9.228e+04	-3745.83	0.0	2.997e+05	7.382e+06
		-2.91e-06	0.0	-2.19e-04	0.0	80.0	-2.652e+04	-9.228e+04	-3745.83	0.0	0.0	-2.91e-06
127	182	2.972e+06	1.477e+05	1.85e-03	0.0	0.0	-1.144e+04	-3.715e+04	-1845.88	0.0	1.477e+05	2.972e+06
		0.0	0.0	5.67e-05	0.0	80.0	-1.144e+04	-3.715e+04	-1845.88	0.0	0.0	0.0
127	247	3.116e+06	0.0	4.88e-03	0.0	0.0	-3.951e+04	-3.895e+04	1024.60	0.0	-8.197e+04	3.116e+06
		0.0	-8.197e+04	-1.39e-04	0.0	80.0	-3.951e+04	-3.895e+04	1024.60	0.0	0.0	0.0
127	251	4.211e+06	2.316e+05	-9.08e-03	0.0	0.0	-1.201e+04	-5.263e+04	-2895.35	0.0	2.316e+05	4.211e+06
		0.0	0.0	-4.74e-05	0.0	80.0	-1.201e+04	-5.263e+04	-2895.35	0.0	0.0	0.0
127	259	3.761e+06	1.894e+05	-6.82e-03	0.0	0.0	-1.203e+04	-4.701e+04	-2367.10	0.0	1.894e+05	3.761e+06
		-2.13e-06	0.0	1.82e-05	0.0	80.0	-1.203e+04	-4.701e+04	-2367.10	0.0	0.0	-2.13e-06
127	270	5.457e+06	2.263e+05	-6.67e-03	0.0	0.0	-1.967e+04	-6.821e+04	-2828.96	0.0	2.263e+05	5.457e+06
		0.0	0.0	-1.47e-04	0.0	80.0	-1.967e+04	-6.821e+04	-2828.96	0.0	0.0	0.0
127	302	3.594e+06	1.653e+05	4.79e-03	0.0	0.0	-1.199e+04	-4.493e+04	-2065.90	0.0	1.653e+05	3.594e+06
		0.0	0.0	2.56e-05	0.0	80.0	-1.199e+04	-4.493e+04	-2065.90	0.0	0.0	0.0
127	311	4.107e+06	1.435e+05	-5.58e-03	0.0	0.0	-1.506e+04	-5.134e+04	-1794.23	0.0	1.435e+05	4.107e+06
		0.0	0.0	-1.33e-04	0.0	80.0	-1.506e+04	-5.134e+04	-1794.23	0.0	0.0	0.0
127	316	3.553e+06	1.164e+05	4.29e-03	0.0	0.0	-1.202e+04	-4.441e+04	-1455.26	0.0	1.164e+05	3.553e+06
		0.0	0.0	-6.36e-05	0.0	80.0	-1.202e+04	-4.441e+04	-1455.26	0.0	0.0	0.0
127	320	2.958e+06	0.0	3.09e-03	0.0	0.0	-3.265e+04	-3.698e+04	883.08	0.0	-7.065e+04	2.958e+06
		0.0	-7.065e+04	-1.81e-04	0.0	80.0	-3.265e+04	-3.698e+04	883.08	0.0	0.0	0.0
127	321	3.779e+06	1.646e+05	-7.38e-03	0.0	0.0	-1.202e+04	-4.724e+04	-2056.88	0.0	1.646e+05	3.779e+06
		0.0	0.0	-1.13e-04	0.0	80.0	-1.202e+04	-4.724e+04	-2056.88	0.0	0.0	0.0
127	323	3.442e+06	1.329e+05	-5.69e-03	0.0	0.0	-1.204e+04	-4.302e+04	-1660.69	0.0	1.329e+05	3.442e+06
		-1.43e-06	0.0	-6.37e-05	0.0	80.0	-1.204e+04	-4.302e+04	-1660.69	0.0	0.0	-1.43e-06
127	324	2.825e+06	8.842e+04	1.41e-05	0.0	0.0	-1.207e+04	-3.532e+04	-1105.28	0.0	8.842e+04	2.825e+06
		0.0	0.0	-4.13e-05	0.0	80.0	-1.207e+04	-3.532e+04	-1105.28	0.0	0.0	0.0
127	325	2.112e+06	0.0	-6.38e-03	0.0	0.0	-1.222e+04	-2.640e+04	72.71	0.0	-5816.84	2.112e+06
		-6.07e-06	-5816.84	-3.18e-04	0.0	80.0	-1.222e+04	-2.640e+04	72.71	0.0	0.0	-6.07e-06
127	341	1.950e+06	1.49e-06	-1.95e-03	0.0	0.0	-1.156e+04	-2.438e+04	1865.19	0.0	-1.492e+05	1.950e+06
		-3.10e-06	-1.492e+05	-9.95e-04	0.0	80.0	-1.156e+04	-2.438e+04	1865.19	0.0	1.49e-06	-3.10e-06
127	344	3.700e+06	3.261e+05	1.97e-03	0.0	0.0	-1.259e+04	-4.625e+04	-4075.74	0.0	3.261e+05	3.700e+06
		3.10e-06	-1.49e-06	9.12e-04	0.0	80.0	-1.259e+04	-4.625e+04	-4075.74	0.0	-1.49e-06	3.10e-06
127	348	3.706e+06	3.140e+05	1.97e-03	0.0	0.0	-1.259e+04	-4.632e+04	-3924.46	0.0	3.140e+05	3.706e+06
		3.00e-06	-1.49e-06	9.18e-04	0.0	80.0	-1.259e+04	-4.632e+04	-3924.46	0.0	-1.49e-06	3.00e-06
127	350	3.071e+06	2.979e+05	-1.90e-03	0.0	0.0	-1.298e+04	-3.838e+04	-3724.19	0.0	2.979e+05	3.071e+06
		-1.83e-06	0.0	4.52e-04	0.0	80.0	-1.298e+04	-3.838e+04	-3724.19	0.0	0.0	-1.83e-06
127	351	2.580e+06	0.0	1.93e-03	0.0	0.0	-1.117e+04	-3.225e+04	1513.63	0.0	-1.211e+05	2.580e+06
		1.83e-06	-1.211e+05	-5.36e-04	0.0	80.0	-1.117e+04	-3.225e+04	1513.63	0.0	0.0	1.83e-06
127	357	2.504e+06	3.579e+04	-3.22e-03	0.0	0.0	-1.214e+04	-3.129e+04	-447.33	0.0	3.579e+04	2.504e+06
		-2.92e-06	0.0	-1.48e-04	0.0	80.0	-1.214e+04	-3.129e+04	-447.33	0.0	0.0	-2.92e-06
127	368	3.156e+06	1.209e+05	3.24e-03	0.0	0.0	-1.201e+04	-3.945e+04	-1510.66	0.0	1.209e+05	3.156e+06
		2.69e-06	0.0	7.54e-05	0.0	80.0	-1.201e+04	-3.945e+04	-1510.66	0.0	0.0	2.69e-06
127	373	2.505e+06	0.0	-9.57e-04	0.0	0.0	-1.180e+04	-3.131e+04	609.18	0.0	-4.873e+04	2.505e+06
		-1.07e-06	-4.873e+04	-4.13e-04	0.0	80.0	-1.180e+04	-3.131e+04	609.18	0.0	0.0	-1.07e-06
127	376	3.145e+06	2.256e+05	9.86e-04	0.0	0.0	-1.235e+04	-3.932e+04	-2819.73	0.0	2.256e+05	3.145e+06
		1.07e-06	0.0	3.29e-04	0.0	80.0	-1.235e+04	-3.932e+04	-2819.73	0.0	0.0	1.07e-06
127	382	2.946e+06	1.924e+05	-9.54e-04	0.0	0.0	-1.252e+04	-3.683e+04	-2405.43	0.0	1.924e+05	2.946e+06
		0.0	0.0	2.03e-04	0.0	80.0	-1.252e+04	-3.683e+04	-2405.43	0.0	0.0	0.0
127	383	2.704e+06	0.0	9.82e-04	0.0	0.0	-1.163e+04	-3.380e+04	194.87	0.0	-1.559e+04	2.704e+06
		0.0	-1.559e+04	-2.87e-04	0.0	80.0	-1.163e+04	-3.380e+04	194.87	0.0	0.0	0.0
128	7	0.0	2.864e+05	-8.97e-03	0.0	0.0	-2.648e+04	9.409e+04	-3580.50	0.0	2.864e+05	-7.527e+06
		-7.527e+06	0.0	-2.06e-04	0.0	80.0	-2.648e+04	9.409e+04	-3580.50	0.0	0.0	0.0
128	73	-1.49e-06	3.699e+05	0.01	0.0	0.0	-2.648e+04	1.008e+05	-4624.07	0.0	3.699e+05	-8.061e+06
		-8.061e+06	0.0	-2.74e-04	0.0	80.0	-2.648e+04	1.008e+05	-4624.07	0.0	0.0	-1.49e-06
128	89	0.0	9.619e+04	-0.01	0.0	0.0	-5.427e+04	9.943e+04	-1202.32	0.0	9.619e+04	-7.954e+06
		-7.954e+06	0.0	-3.14e-04	0.0	80.0	-5.427e+04	9.943e+04	-1202.32	0.0	0.0	0.0
128	90	0.0	7.016e+04	-0.01	0.0	0.0	-4.939e+04	8.579e+04	-877.05	0.0	7.016e+04	-6.863e+06
		-6.863e+06	0.0	-2.97e-04	0.0	80.0	-4.939e+04	8.579e+04	-877.05	0.0	0.0	0.0

128	182	0.0	1.574e+05	1.82e-03	0.0	0.0	-1.143e+04	3.675e+04	-1967.32	0.0	1.574e+05	-2.940e+06
		-2.940e+06	0.0	5.69e-05	0.0	80.0	-1.143e+04	3.675e+04	-1967.32	0.0	0.0	0.0
128	210	0.0	2.070e+05	-6.73e-03	0.0	0.0	-1.955e+04	6.942e+04	-2587.64	0.0	2.070e+05	-5.554e+06
		-5.554e+06	0.0	-1.63e-04	0.0	80.0	-1.955e+04	6.942e+04	-2587.64	0.0	0.0	0.0
128	243	-1.09e-06	2.413e+05	8.38e-03	0.0	0.0	-1.200e+04	5.331e+04	-3016.04	0.0	2.413e+05	-4.265e+06
		-4.265e+06	0.0	-2.22e-05	0.0	80.0	-1.200e+04	5.331e+04	-3016.04	0.0	0.0	-1.09e-06
128	251	0.0	3.851e+04	-9.12e-03	0.0	0.0	-3.259e+04	5.232e+04	-481.40	0.0	3.851e+04	-4.186e+06
		-4.186e+06	0.0	-5.21e-05	0.0	80.0	-3.259e+04	5.232e+04	-481.40	0.0	0.0	0.0
128	270	0.0	2.167e+05	-6.73e-03	0.0	0.0	-1.964e+04	6.971e+04	-2709.06	0.0	2.167e+05	-5.577e+06
		-5.577e+06	0.0	-1.47e-04	0.0	80.0	-1.964e+04	6.971e+04	-2709.06	0.0	0.0	0.0
128	302	0.0	1.704e+05	4.76e-03	0.0	0.0	-1.199e+04	4.391e+04	-2129.67	0.0	1.704e+05	-3.513e+06
		-3.513e+06	0.0	2.57e-05	0.0	80.0	-1.199e+04	4.391e+04	-2129.67	0.0	0.0	0.0
128	311	0.0	1.312e+05	-5.63e-03	0.0	0.0	-1.504e+04	5.259e+04	-1640.60	0.0	1.312e+05	-4.207e+06
		-4.207e+06	0.0	-1.33e-04	0.0	80.0	-1.504e+04	5.259e+04	-1640.60	0.0	0.0	0.0
128	319	0.0	1.666e+05	5.71e-03	0.0	0.0	-1.202e+04	4.787e+04	-2082.51	0.0	1.666e+05	-3.830e+06
		-3.830e+06	0.0	-9.41e-05	0.0	80.0	-1.202e+04	4.787e+04	-2082.51	0.0	0.0	0.0
128	321	0.0	1.452e+04	-7.42e-03	0.0	0.0	-2.746e+04	4.713e+04	-181.54	0.0	1.452e+04	-3.771e+06
		-3.771e+06	0.0	-1.17e-04	0.0	80.0	-2.746e+04	4.713e+04	-181.54	0.0	0.0	0.0
128	323	0.0	1.151e+05	-5.73e-03	0.0	0.0	-1.202e+04	4.431e+04	-1438.23	0.0	1.151e+05	-3.545e+06
		-3.545e+06	0.0	-6.41e-05	0.0	80.0	-1.202e+04	4.431e+04	-1438.23	0.0	0.0	0.0
128	324	0.0	8.842e+04	-1.63e-05	0.0	0.0	-1.207e+04	3.532e+04	-1105.27	0.0	8.842e+04	-2.825e+06
		-2.825e+06	0.0	-4.12e-05	0.0	80.0	-1.207e+04	3.532e+04	-1105.27	0.0	0.0	0.0
128	334	1.07e-05	2.530e+05	-6.38e-03	0.0	0.0	-1.400e+04	3.113e+04	-3162.92	0.0	2.530e+05	-2.490e+06
		-2.490e+06	0.0	2.60e-04	0.0	80.0	-1.400e+04	3.113e+04	-3162.92	0.0	0.0	1.07e-05
128	344	3.10e-06	8.061e+05	1.94e-03	0.0	0.0	-1.345e+04	4.543e+04	-1.008e+04	0.0	8.061e+05	-3.634e+06
		-3.634e+06	0.0	9.31e-04	0.0	80.0	-1.345e+04	4.543e+04	-1.008e+04	0.0	0.0	3.10e-06
128	345	1.87e-06	0.0	-1.97e-03	0.0	0.0	-1.070e+04	2.527e+04	7970.48	0.0	-6.376e+05	-2.021e+06
		-2.021e+06	-6.376e+05	-1.01e-03	0.0	80.0	-1.070e+04	2.527e+04	7970.48	0.0	0.0	1.87e-06
128	346	4.32e-06	7.852e+05	-1.89e-03	0.0	0.0	-1.428e+04	4.140e+04	-9814.93	0.0	7.852e+05	-3.312e+06
		-3.312e+06	0.0	9.30e-04	0.0	80.0	-1.428e+04	4.140e+04	-9814.93	0.0	0.0	4.32e-06
128	347	-4.32e-06	0.0	1.86e-03	0.0	0.0	-9870.51	2.923e+04	7604.39	0.0	-6.084e+05	-2.338e+06
		-2.338e+06	-6.084e+05	-1.01e-03	0.0	80.0	-9870.51	2.923e+04	7604.39	0.0	0.0	-4.32e-06
128	348	-1.87e-06	8.145e+05	1.94e-03	0.0	0.0	-1.345e+04	4.537e+04	-1.018e+04	0.0	8.145e+05	-3.629e+06
		-3.629e+06	0.0	9.24e-04	0.0	80.0	-1.345e+04	4.537e+04	-1.018e+04	0.0	0.0	-1.87e-06
128	360	3.06e-06	1.540e+05	3.21e-03	0.0	0.0	-1.151e+04	3.962e+04	-1924.61	0.0	1.540e+05	-3.170e+06
		-3.170e+06	0.0	7.61e-05	0.0	80.0	-1.151e+04	3.962e+04	-1924.61	0.0	0.0	3.06e-06
128	366	5.06e-06	1.191e+05	-3.24e-03	0.0	0.0	-1.292e+04	3.291e+04	-1488.80	0.0	1.191e+05	-2.633e+06
		-2.633e+06	0.0	7.57e-05	0.0	80.0	-1.292e+04	3.291e+04	-1488.80	0.0	0.0	5.06e-06
128	367	-5.06e-06	5.774e+04	3.21e-03	0.0	0.0	-1.123e+04	3.772e+04	-721.75	0.0	5.774e+04	-3.018e+06
		-3.018e+06	0.0	-1.59e-04	0.0	80.0	-1.123e+04	3.772e+04	-721.75	0.0	0.0	-5.06e-06
128	369	5.14e-06	3.205e+04	-3.24e-03	0.0	0.0	-1.268e+04	3.128e+04	-400.57	0.0	3.205e+04	-2.503e+06
		-2.503e+06	0.0	-1.10e-04	0.0	80.0	-1.268e+04	3.128e+04	-400.57	0.0	0.0	5.14e-06
128	377	1.61e-06	0.0	-9.86e-04	0.0	0.0	-1.184e+04	3.132e+04	1282.40	0.0	-1.026e+05	-2.506e+06
		-2.506e+06	-1.026e+05	-4.14e-04	0.0	80.0	-1.184e+04	3.132e+04	1282.40	0.0	0.0	1.61e-06
128	380	-1.61e-06	2.794e+05	9.53e-04	0.0	0.0	-1.231e+04	3.931e+04	-3492.94	0.0	2.794e+05	-3.145e+06
		-3.145e+06	0.0	3.30e-04	0.0	80.0	-1.231e+04	3.931e+04	-3492.94	0.0	0.0	-1.61e-06
131	73	6.211e+06	0.0	5.00e-03	0.0	0.0	-1.863e+04	-7.763e+04	3363.65	0.0	-2.691e+05	6.211e+06
		0.0	-2.691e+05	-7.82e-05	0.0	80.0	-1.863e+04	-7.763e+04	3363.65	0.0	0.0	0.0
131	97	5.509e+06	0.0	7.58e-03	0.0	0.0	-3.637e+04	-6.886e+04	951.99	0.0	-7.616e+04	5.509e+06
		0.0	-7.616e+04	-5.96e-05	0.0	80.0	-3.637e+04	-6.886e+04	951.99	0.0	0.0	0.0
131	100	3.667e+06	1630.71	5.87e-03	0.0	0.0	-2.564e+04	-4.584e+04	-20.38	0.0	1630.71	3.667e+06
		0.0	0.0	9.74e-05	0.0	80.0	-2.564e+04	-4.584e+04	-20.38	0.0	0.0	0.0
131	127	5.835e+06	0.0	-0.01	0.0	0.0	-1.860e+04	-7.294e+04	2552.56	0.0	-2.042e+05	5.835e+06
		-1.21e-06	-2.042e+05	-8.59e-05	0.0	80.0	-1.860e+04	-7.294e+04	2552.56	0.0	0.0	-1.21e-06
131	144	2.893e+06	0.0	1.12e-03	0.0	0.0	-1.142e+04	-3.616e+04	378.00	0.0	-3.024e+04	2.893e+06
		0.0	-3.024e+04	1.99e-04	0.0	80.0	-1.142e+04	-3.616e+04	378.00	0.0	0.0	0.0
131	255	3.373e+06	0.0	5.55e-03	0.0	0.0	-2.515e+04	-4.216e+04	1.80	0.0	-144.09	3.373e+06
		0.0	-144.09	1.01e-04	0.0	80.0	-2.515e+04	-4.216e+04	1.80	0.0	0.0	0.0
131	256	3.234e+06	426.16	4.30e-03	0.0	0.0	-2.188e+04	-4.043e+04	-5.33	0.0	426.16	3.234e+06
		0.0	0.0	1.34e-04	0.0	80.0	-2.188e+04	-4.043e+04	-5.33	0.0	0.0	0.0
131	270	4.307e+06	0.0	-0.01	0.0	0.0	-1.372e+04	-5.384e+04	1957.35	0.0	-1.566e+05	4.307e+06
		0.0	-1.566e+05	-7.51e-05	0.0	80.0	-1.372e+04	-5.384e+04	1957.35	0.0	0.0	0.0
131	283	3.476e+06	0.0	2.47e-03	0.0	0.0	-1.198e+04	-4.346e+04	1033.26	0.0	-8.266e+04	3.476e+06
		0.0	-8.266e+04	1.46e-04	0.0	80.0	-1.198e+04	-4.346e+04	1033.26	0.0	0.0	0.0
131	289	4.345e+06	0.0	-0.01	0.0	0.0	-1.383e+04	-5.431e+04	2147.82	0.0	-1.718e+05	4.345e+06
		0.0	-1.718e+05	-1.04e-04	0.0	80.0	-1.383e+04	-5.431e+04	2147.82	0.0	0.0	0.0
131	310	2.770e+06	0.0	1.21e-05	0.0	0.0	-1.207e+04	-3.463e+04	594.55	0.0	-4.756e+04	2.770e+06
		0.0	-4.756e+04	1.25e-04	0.0	80.0	-1.207e+04	-3.463e+04	594.55	0.0	0.0	0.0
131	311	3.660e+06	0.0	-8.61e-03	0.0	0.0	-1.273e+04	-4.575e+04	1871.93	0.0	-1.498e+05	3.660e+06
		0.0	-1.498e+05	-6.43e-05	0.0	80.0	-1.273e+04	-4.575e+04	1871.93	0.0	0.0	0.0
131	316	3.486e+06	0.0	2.08e-03	0.0	0.0	-1.203e+04	-4.357e+04	1633.02	0.0	-1.306e+05	3.486e+06
		0.0	-1.306e+05	3.98e-05	0.0	80.0	-1.203e+04	-4.357e+04	1633.02	0.0	0.0	0.0
131	319	3.578e+06	0.0	2.35e-03	0.0	0.0	-1.203e+04	-4.472e+04	1955.74	0.0	-1.565e+05	3.578e+06
		0.0	-1.565e+05	1.38e-05	0.0	80.0	-1.203e+04	-4.472e+04	1955.74	0.0	0.0	0.0
131	322	3.188e+06	0.0	3.78e-03	0.0	0.0	-2.189e+04	-3.984e+04	615.93	0.0	-4.927e+04	3.188e+06
		0.0	-4.927e+04	2.41e-05	0.0	80.0	-2.189e+04	-3.984e+04	615.93	0.0	0.0	0.0
131	324	2.825e+06	0.0	1.24e-05	0.0	0.0	-1.207e+04	-3.532e+04	1105.34	0.0	-8.843e+04	2.825e+06

		0.0	-8.843e+04	4.13e-05	0.0	80.0	-1.207e+04	-3.532e+04	1105.34	0.0	0.0	0.0
131	327	4.349e+06	0.0	4.07e-03	0.0	0.0	-1.112e+04	-5.437e+04	3274.26	0.0	-2.619e+05	4.349e+06
		-5.51e-06	-2.619e+05	-1.91e-04	0.0	80.0	-1.112e+04	-5.437e+04	3274.26	0.0	0.0	-5.51e-06
131	341	3.027e+06	-1.80e-06	-1.24e-03	0.0	0.0	-1.402e+04	-3.783e+04	7153.51	0.0	-5.723e+05	3.027e+06
		0.0	-5.723e+05	-6.67e-04	0.0	80.0	-1.402e+04	-3.783e+04	7153.51	0.0	-1.80e-06	0.0
131	344	2.624e+06	3.954e+05	1.26e-03	0.0	0.0	-1.013e+04	-3.280e+04	-4942.83	0.0	3.954e+05	2.624e+06
		0.0	1.80e-06	7.51e-04	0.0	80.0	-1.013e+04	-3.280e+04	-4942.83	0.0	1.80e-06	0.0
131	346	1.824e+06	4.211e+05	-1.18e-03	0.0	0.0	-1.097e+04	-2.280e+04	-5263.50	0.0	4.211e+05	1.824e+06
		0.0	1.81e-06	7.50e-04	0.0	80.0	-1.097e+04	-2.280e+04	-5263.50	0.0	1.81e-06	0.0
131	347	3.827e+06	-1.81e-06	1.20e-03	0.0	0.0	-1.318e+04	-4.783e+04	7474.17	0.0	-5.979e+05	3.827e+06
		0.0	-5.979e+05	-6.67e-04	0.0	80.0	-1.318e+04	-4.783e+04	7474.17	0.0	-1.81e-06	0.0
131	359	3.554e+06	0.0	2.07e-03	0.0	0.0	-1.147e+04	-4.443e+04	1930.47	0.0	-1.544e+05	3.554e+06
		-2.46e-06	-1.544e+05	-6.28e-05	0.0	80.0	-1.147e+04	-4.443e+04	1930.47	0.0	0.0	-2.46e-06
131	360	3.441e+06	0.0	2.08e-03	0.0	0.0	-1.124e+04	-4.301e+04	605.72	0.0	-4.846e+04	3.441e+06
		-2.53e-06	-4.846e+04	1.28e-04	0.0	80.0	-1.124e+04	-4.301e+04	605.72	0.0	0.0	-2.53e-06
131	361	2.192e+06	0.0	-2.05e-03	0.0	0.0	-1.298e+04	-2.739e+04	1323.40	0.0	-1.059e+05	2.192e+06
		2.52e-06	-1.059e+05	-1.87e-05	0.0	80.0	-1.298e+04	-2.739e+04	1323.40	0.0	0.0	2.52e-06
131	364	3.459e+06	0.0	2.08e-03	0.0	0.0	-1.117e+04	-4.324e+04	887.28	0.0	-7.098e+04	3.459e+06
		-2.52e-06	-7.098e+04	1.02e-04	0.0	80.0	-1.117e+04	-4.324e+04	887.28	0.0	0.0	-2.52e-06
131	378	2.438e+06	9.714e+04	-6.04e-04	0.0	0.0	-1.191e+04	-3.048e+04	-1214.29	0.0	9.714e+04	2.438e+06
		0.0	0.0	3.57e-04	0.0	80.0	-1.191e+04	-3.048e+04	-1214.29	0.0	0.0	0.0
131	379	3.213e+06	0.0	6.29e-04	0.0	0.0	-1.224e+04	-4.016e+04	3424.97	0.0	-2.740e+05	3.213e+06
		0.0	-2.740e+05	-2.73e-04	0.0	80.0	-1.224e+04	-4.016e+04	3424.97	0.0	0.0	0.0
132	73	0.0	0.0	4.94e-03	0.0	0.0	-1.862e+04	7.670e+04	3074.08	0.0	-2.459e+05	-6.136e+06
		-6.136e+06	-2.459e+05	-7.76e-05	0.0	80.0	-1.862e+04	7.670e+04	3074.08	0.0	0.0	0.0
132	74	0.0	0.0	4.94e-03	0.0	0.0	-1.374e+04	6.306e+04	2748.69	0.0	-2.199e+05	-5.045e+06
		-5.045e+06	-2.199e+05	-9.48e-05	0.0	80.0	-1.374e+04	6.306e+04	2748.69	0.0	0.0	0.0
132	105	3.96e-06	0.0	-0.02	0.0	0.0	-3.635e+04	7.065e+04	1450.19	0.0	-1.160e+05	-5.652e+06
		-5.652e+06	-1.160e+05	-1.00e-04	0.0	80.0	-3.635e+04	7.065e+04	1450.19	0.0	0.0	3.96e-06
132	144	0.0	0.0	1.09e-03	0.0	0.0	-1.141e+04	3.595e+04	543.95	0.0	-4.352e+04	-2.876e+06
		-2.876e+06	-4.352e+04	1.99e-04	0.0	80.0	-1.141e+04	3.595e+04	543.95	0.0	0.0	0.0
132	165	-3.76e-06	0.0	-0.01	0.0	0.0	-2.774e+04	7.420e+04	3231.28	0.0	-2.585e+05	-5.936e+06
		-5.936e+06	-2.585e+05	-1.30e-04	0.0	80.0	-2.774e+04	7.420e+04	3231.28	0.0	0.0	-3.76e-06
132	243	0.0	0.0	3.60e-03	0.0	0.0	-1.200e+04	4.799e+04	1583.39	0.0	-1.267e+05	-3.839e+06
		-3.839e+06	-1.267e+05	8.73e-05	0.0	80.0	-1.200e+04	4.799e+04	1583.39	0.0	0.0	0.0
132	259	2.93e-06	0.0	-0.01	0.0	0.0	-2.514e+04	4.351e+04	380.51	0.0	-3.044e+04	-3.480e+06
		-3.480e+06	-3.044e+04	7.06e-05	0.0	80.0	-2.514e+04	4.351e+04	380.51	0.0	0.0	2.93e-06
132	283	0.0	0.0	2.43e-03	0.0	0.0	-1.198e+04	4.295e+04	1144.11	0.0	-9.153e+04	-3.436e+06
		-3.436e+06	-9.153e+04	1.46e-04	0.0	80.0	-1.198e+04	4.295e+04	1144.11	0.0	0.0	0.0
132	289	-2.79e-06	0.0	-0.01	0.0	0.0	-2.047e+04	5.473e+04	2427.77	0.0	-1.942e+05	-4.379e+06
		-4.379e+06	-1.942e+05	-1.04e-04	0.0	80.0	-2.047e+04	5.473e+04	2427.77	0.0	0.0	-2.79e-06
132	311	-2.15e-06	0.0	-8.65e-03	0.0	0.0	-1.771e+04	4.614e+04	2017.41	0.0	-1.614e+05	-3.691e+06
		-3.691e+06	-1.614e+05	-6.46e-05	0.0	80.0	-1.771e+04	4.614e+04	2017.41	0.0	0.0	-2.15e-06
132	319	0.0	0.0	2.31e-03	0.0	0.0	-1.203e+04	4.429e+04	1726.22	0.0	-1.381e+05	-3.543e+06
		-3.543e+06	-1.381e+05	1.42e-05	0.0	80.0	-1.203e+04	4.429e+04	1726.22	0.0	0.0	0.0
132	322	0.0	0.0	3.74e-03	0.0	0.0	-1.203e+04	4.148e+04	1416.33	0.0	-1.133e+05	-3.318e+06
		-3.318e+06	-1.133e+05	2.26e-05	0.0	80.0	-1.203e+04	4.148e+04	1416.33	0.0	0.0	0.0
132	323	2.15e-06	0.0	-9.39e-03	0.0	0.0	-2.188e+04	4.093e+04	824.06	0.0	-6.592e+04	-3.274e+06
		-3.274e+06	-6.592e+04	1.66e-06	0.0	80.0	-2.188e+04	4.093e+04	824.06	0.0	0.0	2.15e-06
132	324	0.0	0.0	-1.80e-05	0.0	0.0	-2.1207e+04	3.532e+04	1105.62	0.0	-8.845e+04	-2.825e+06
		-2.825e+06	-8.845e+04	4.12e-05	0.0	80.0	-2.1207e+04	3.532e+04	1105.62	0.0	0.0	0.0
132	325	-2.73e-06	0.0	-4.09e-03	0.0	0.0	-1.496e+04	2.088e+04	1278.08	0.0	-1.022e+05	-1.671e+06
		-1.671e+06	-1.022e+05	-1.88e-04	0.0	80.0	-1.496e+04	2.088e+04	1278.08	0.0	0.0	-2.73e-06
132	328	2.74e-06	0.0	4.05e-03	0.0	0.0	-9172.57	4.975e+04	933.16	0.0	-7.465e+04	-3.980e+06
		-3.980e+06	-7.465e+04	2.72e-04	0.0	80.0	-9172.57	4.975e+04	933.16	0.0	0.0	2.74e-06
132	335	4.37e-06	0.0	4.03e-03	0.0	0.0	-9683.09	5.462e+04	2758.86	0.0	-2.207e+05	-4.370e+06
		-4.370e+06	-2.207e+05	-1.89e-04	0.0	80.0	-9683.09	5.462e+04	2758.86	0.0	0.0	4.37e-06
132	342	-3.04e-06	1.885e+05	-1.20e-03	0.0	0.0	-1.206e+04	2.215e+04	-2356.81	0.0	1.885e+05	-1.772e+06
		-1.772e+06	1.885e+05	7.43e-04	0.0	80.0	-1.206e+04	2.215e+04	-2356.81	0.0	0.0	-3.04e-06
132	343	3.04e-06	0.0	1.17e-03	0.0	0.0	-1.208e+04	4.848e+04	4568.05	0.0	-3.654e+05	-3.879e+06
		-3.879e+06	-3.654e+05	-6.60e-04	0.0	80.0	-1.208e+04	4.848e+04	4568.05	0.0	0.0	3.04e-06
132	357	-1.66e-06	0.0	-2.08e-03	0.0	0.0	-1.356e+04	2.761e+04	1161.11	0.0	-9.289e+04	-2.208e+06
		-2.208e+06	-9.289e+04	-6.24e-05	0.0	80.0	-1.356e+04	2.761e+04	1161.11	0.0	0.0	-1.66e-06
132	360	1.67e-06	0.0	2.04e-03	0.0	0.0	-1.058e+04	4.303e+04	1050.13	0.0	-8.401e+04	-3.442e+06
		-3.442e+06	-8.401e+04	1.46e-04	0.0	80.0	-1.058e+04	4.303e+04	1050.13	0.0	0.0	1.67e-06
132	367	1.92e-06	0.0	2.04e-03	0.0	0.0	-1.085e+04	4.450e+04	1902.56	0.0	-1.522e+05	-3.560e+06
		-3.560e+06	-1.522e+05	-6.30e-05	0.0	80.0	-1.085e+04	4.450e+04	1902.56	0.0	0.0	1.92e-06
132	372	2.00e-06	0.0	2.04e-03	0.0	0.0	-1.061e+04	4.329e+04	1078.97	0.0	-8.632e+04	-3.463e+06
		-3.463e+06	-8.632e+04	1.02e-04	0.0	80.0	-1.061e+04	4.329e+04	1078.97	0.0	0.0	2.00e-06
132	374	0.0	4.202e+04	-6.31e-04	0.0	0.0	-1.205e+04	3.034e+04	-525.24	0.0	4.202e+04	-2.427e+06
		-2.427e+06	4.202e+04	3.57e-04	0.0	80.0	-1.205e+04	3.034e+04	-525.24	0.0	0.0	0.0
132	375	0.0	0.0	5.95e-04	0.0	0.0	-1.209e+04	4.030e+04	2736.48	0.0	-2.189e+05	-3.224e+06
		-3.224e+06	-2.189e+05	-2.73e-04	0.0	80.0	-1.209e+04	4.030e+04	2736.48	0.0	0.0	0.0
135	73	6.666e+06	0.0	5.00e-03	0.0	0.0	-2.071e+04	-8.332e+04	3480.98	0.0	-2.785e+05	6.666e+06
		0.0	-2.785e+05	-1.03e-04	0.0	80.0	-2.071e+04	-8.332e+04	3480.98	0.0	0.0	0.0
135	97	6.394e+06	0.0	7.56e-03	0.0	0.0	-4.212e+04	-7.993e+04	90.97	0.0	-7277.98	6.394e+06
		0.0	-7277.98	-9.91e-05	0.0	80.0	-4.212e+04	-7.993e+04	90.97	0.0	0.0	0.0

135	100	4.226e+06	8.637e+04	5.85e-03	0.0	0.0	-2.936e+04	-5.282e+04	-1079.68	0.0	8.637e+04	4.226e+06
		0.0	0.0	7.01e-05	0.0	80.0	-2.936e+04	-5.282e+04	-1079.68	0.0	0.0	0.0
135	105	6.483e+06	0.0	-0.02	0.0	0.0	-2.070e+04	-8.103e+04	1829.59	0.0	-1.464e+05	6.483e+06
		-3.96e-06	-1.464e+05	-1.42e-04	0.0	80.0	-2.070e+04	-8.103e+04	1829.59	0.0	0.0	-3.96e-06
135	162	2.908e+06	0.0	7.93e-04	0.0	0.0	-1.093e+04	-3.635e+04	851.51	0.0	-6.812e+04	2.908e+06
		0.0	-6.812e+04	1.10e-04	0.0	80.0	-1.093e+04	-3.635e+04	851.51	0.0	0.0	0.0
135	243	3.916e+06	0.0	3.64e-03	0.0	0.0	-1.119e+04	-4.895e+04	2173.25	0.0	-1.739e+05	3.916e+06
		0.0	-1.739e+05	6.97e-05	0.0	80.0	-1.119e+04	-4.895e+04	2173.25	0.0	0.0	0.0
135	255	3.715e+06	2.703e+04	5.54e-03	0.0	0.0	-2.705e+04	-4.644e+04	-337.87	0.0	2.703e+04	3.715e+06
		0.0	0.0	7.26e-05	0.0	80.0	-2.705e+04	-4.644e+04	-337.87	0.0	0.0	0.0
135	256	3.512e+06	2.838e+04	4.29e-03	0.0	0.0	-2.308e+04	-4.390e+04	-354.78	0.0	2.838e+04	3.512e+06
		0.0	0.0	1.09e-04	0.0	80.0	-2.308e+04	-4.390e+04	-354.78	0.0	0.0	0.0
135	259	3.781e+06	0.0	-0.01	0.0	0.0	-1.118e+04	-4.726e+04	950.00	0.0	-7.600e+04	3.781e+06
		-2.93e-06	-7.600e+04	4.10e-05	0.0	80.0	-1.118e+04	-4.726e+04	950.00	0.0	0.0	-2.93e-06
135	287	2.933e+06	0.0	5.31e-04	0.0	0.0	-1.107e+04	-3.667e+04	1202.96	0.0	-9.624e+04	2.933e+06
		0.0	-9.624e+04	8.14e-05	0.0	80.0	-1.107e+04	-3.667e+04	1202.96	0.0	0.0	0.0
135	289	4.802e+06	0.0	-0.01	0.0	0.0	-1.527e+04	-6.002e+04	1846.03	0.0	-1.477e+05	4.802e+06
		-1.02e-06	-1.477e+05	-1.27e-04	0.0	80.0	-1.527e+04	-6.002e+04	1846.03	0.0	0.0	-1.02e-06
135	309	2.825e+06	0.0	1.24e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.07	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.07	0.0	0.0	0.0
135	311	3.878e+06	0.0	-8.60e-03	0.0	0.0	-1.282e+04	-4.847e+04	2108.16	0.0	-1.687e+05	3.878e+06
		0.0	-1.687e+05	-8.60e-05	0.0	80.0	-1.282e+04	-4.847e+04	2108.16	0.0	0.0	0.0
135	319	3.567e+06	0.0	2.34e-03	0.0	0.0	-1.117e+04	-4.459e+04	2701.72	0.0	-2.161e+05	3.567e+06
		0.0	-2.161e+05	-3.98e-06	0.0	80.0	-1.117e+04	-4.459e+04	2701.72	0.0	0.0	0.0
135	322	3.416e+06	0.0	3.77e-03	0.0	0.0	-2.306e+04	-4.270e+04	818.38	0.0	-6.547e+04	3.416e+06
		0.0	-6.547e+04	-1.77e-06	0.0	80.0	-2.306e+04	-4.270e+04	818.38	0.0	0.0	0.0
135	323	3.465e+06	0.0	-9.34e-03	0.0	0.0	-1.116e+04	-4.332e+04	1784.28	0.0	-1.427e+05	3.465e+06
		-2.15e-06	-1.427e+05	-2.55e-05	0.0	80.0	-1.116e+04	-4.332e+04	1784.28	0.0	0.0	-2.15e-06
135	324	2.825e+06	0.0	1.24e-05	0.0	0.0	-1.114e+04	-3.531e+04	1682.07	0.0	-1.346e+05	2.825e+06
		0.0	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	1682.07	0.0	0.0	0.0
135	325	1.535e+06	0.0	-4.06e-03	0.0	0.0	-9622.42	-1.919e+04	4120.93	0.0	-3.297e+05	1.535e+06
		9.19e-06	-3.297e+05	-1.74e-04	0.0	80.0	-9622.42	-1.919e+04	4120.93	0.0	0.0	9.19e-06
135	327	4.185e+06	0.0	4.08e-03	0.0	0.0	-1.139e+04	-5.231e+04	5922.42	0.0	-4.738e+05	4.185e+06
		-7.56e-06	-4.738e+05	-2.09e-04	0.0	80.0	-1.228e+04	-5.231e+04	5922.42	0.0	0.0	-7.56e-06
135	328	4.115e+06	6.054e+04	4.08e-03	0.0	0.0	-1.266e+04	-5.144e+04	-756.80	0.0	6.054e+04	4.115e+06
		-9.19e-06	0.0	2.21e-04	0.0	80.0	-1.266e+04	-5.144e+04	-756.80	0.0	0.0	-9.19e-06
135	346	2.315e+06	7.938e+05	-1.20e-03	0.0	0.0	-1.139e+04	-2.894e+04	-9922.39	0.0	7.938e+05	2.315e+06
		-2.20e-06	0.0	7.34e-04	0.0	80.0	-1.139e+04	-2.894e+04	-9922.39	0.0	0.0	-2.20e-06
135	347	3.335e+06	0.0	1.23e-03	0.0	0.0	-1.089e+04	-4.169e+04	1.329e+04	0.0	-1.063e+06	3.335e+06
		2.20e-06	-1.063e+06	-6.88e-04	0.0	80.0	-1.089e+04	-4.169e+04	1.329e+04	0.0	0.0	2.20e-06
135	359	3.498e+06	0.0	2.07e-03	0.0	0.0	-1.177e+04	-4.373e+04	3259.46	0.0	-2.608e+05	3.498e+06
		-4.16e-06	-2.608e+05	-8.10e-05	0.0	80.0	-1.177e+04	-4.373e+04	3259.46	0.0	0.0	-4.16e-06
135	361	2.168e+06	0.0	-2.05e-03	0.0	0.0	-1.042e+04	-2.710e+04	1871.70	0.0	-1.497e+05	2.168e+06
		4.16e-06	-1.497e+05	-3.76e-05	0.0	80.0	-1.042e+04	-2.710e+04	1871.70	0.0	0.0	4.16e-06
135	364	3.482e+06	0.0	2.08e-03	0.0	0.0	-1.186e+04	-4.352e+04	1492.43	0.0	-1.194e+05	3.482e+06
		-4.16e-06	-1.194e+05	8.38e-05	0.0	80.0	-1.186e+04	-4.352e+04	1492.43	0.0	0.0	-4.16e-06
135	378	2.595e+06	1.847e+05	-6.05e-04	0.0	0.0	-1.109e+04	-3.244e+04	-2308.83	0.0	1.847e+05	2.595e+06
		0.0	0.0	3.38e-04	0.0	80.0	-1.109e+04	-3.244e+04	-2308.83	0.0	0.0	0.0
135	379	3.054e+06	0.0	6.29e-04	0.0	0.0	-1.120e+04	-3.818e+04	5672.96	0.0	-4.538e+05	3.054e+06
		0.0	-4.538e+05	-2.92e-04	0.0	80.0	-1.120e+04	-3.818e+04	5672.96	0.0	0.0	0.0
136	50	0.0	0.0	4.46e-03	0.0	0.0	-1.672e+04	6.666e+04	1841.18	0.0	-1.473e+05	-5.333e+06
		-5.333e+06	-1.473e+05	-6.52e-05	0.0	80.0	-1.672e+04	6.666e+04	1841.18	0.0	0.0	0.0
136	105	-3.76e-06	0.0	-0.02	0.0	0.0	-4.210e+04	8.172e+04	971.88	0.0	-7.775e+04	-6.538e+06
		-6.538e+06	-7.775e+04	-1.40e-04	0.0	80.0	-4.210e+04	8.172e+04	971.88	0.0	0.0	-3.76e-06
136	108	-2.79e-06	2.592e+04	-0.01	0.0	0.0	-2.935e+04	5.411e+04	-323.99	0.0	2.592e+04	-4.329e+06
		-4.329e+06	0.0	3.91e-05	0.0	80.0	-2.935e+04	5.411e+04	-323.99	0.0	0.0	-2.79e-06
136	162	0.0	0.0	7.62e-04	0.0	0.0	-1.093e+04	3.614e+04	1005.22	0.0	-8.042e+04	-2.891e+06
		-2.891e+06	-8.042e+04	1.10e-04	0.0	80.0	-1.093e+04	3.614e+04	1005.22	0.0	0.0	0.0
136	165	-2.47e-06	0.0	-0.01	0.0	0.0	-3.139e+04	8.334e+04	3022.60	0.0	-2.418e+05	-6.667e+06
		-6.667e+06	-2.418e+05	-1.62e-04	0.0	80.0	-3.139e+04	8.334e+04	3022.60	0.0	0.0	-2.47e-06
136	231	0.0	0.0	3.25e-03	0.0	0.0	-1.120e+04	4.663e+04	1514.79	0.0	-1.212e+05	-3.731e+06
		-3.731e+06	-1.212e+05	1.04e-04	0.0	80.0	-1.120e+04	4.663e+04	1514.79	0.0	0.0	0.0
136	259	-2.79e-06	0.0	-0.01	0.0	0.0	-2.704e+04	4.778e+04	344.37	0.0	-2.755e+04	-3.823e+06
		-3.823e+06	-2.755e+04	4.21e-05	0.0	80.0	-2.704e+04	4.778e+04	344.37	0.0	0.0	-2.79e-06
136	268	0.0	0.0	5.00e-04	0.0	0.0	-1.114e+04	3.628e+04	682.19	0.0	-5.458e+04	-2.902e+06
		-2.902e+06	-5.458e+04	1.30e-04	0.0	80.0	-1.114e+04	3.628e+04	682.19	0.0	0.0	0.0
136	287	0.0	0.0	5.00e-04	0.0	0.0	-1.106e+04	3.652e+04	1304.92	0.0	-1.044e+05	-2.922e+06
		-2.922e+06	-1.044e+05	8.12e-05	0.0	80.0	-1.106e+04	3.652e+04	1304.92	0.0	0.0	0.0
136	289	-1.84e-06	0.0	-0.01	0.0	0.0	-2.325e+04	6.148e+04	2289.20	0.0	-1.831e+05	-4.919e+06
		-4.919e+06	-1.831e+05	-1.28e-04	0.0	80.0	-2.325e+04	6.148e+04	2289.20	0.0	0.0	-1.84e-06
136	309	0.0	0.0	-1.79e-05	0.0	0.0	-1.114e+04	3.531e+04	1682.21	0.0	-1.346e+05	-2.825e+06
		-2.825e+06	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	1682.21	0.0	0.0	0.0
136	311	-1.43e-06	0.0	-8.64e-03	0.0	0.0	-1.880e+04	4.968e+04	2373.60	0.0	-1.899e+05	-3.974e+06
		-3.974e+06	-1.899e+05	-8.66e-05	0.0	80.0	-1.880e+04	4.968e+04	2373.60	0.0	0.0	-1.43e-06
136	316	0.0	0.0	2.04e-03	0.0	0.0	-1.117e+04	4.296e+04	2116.68	0.0	-1.693e+05	-3.436e+06
		-3.436e+06	-1.693e+05	2.23e-05	0.0	80.0	-1.117e+04	4.296e+04	2116.68	0.0	0.0	0.0
136	322	0.0	0.0	3.73e-03	0.0	0.0	-1.116e+04	4.372e+04	1661.37	0.0	-1.329e+05	-3.498e+06

		-3.498e+06	-1.329e+05	-3.42e-06	0.0	80.0	-1.116e+04	4.372e+04	1661.37	0.0	0.0	0.0
136	323	-2.15e-06	0.0	-9.38e-03	0.0	0.0	-2.305e+04	4.382e+04	1238.86	0.0	-9.911e+04	-3.506e+06
		-3.506e+06	-9.911e+04	-2.44e-05	0.0	80.0	-2.305e+04	4.382e+04	1238.86	0.0	0.0	-2.15e-06
136	324	0.0	0.0	-1.79e-05	0.0	0.0	-1.114e+04	3.531e+04	1682.21	0.0	-1.346e+05	-2.825e+06
		-2.825e+06	-1.346e+05	2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	1682.21	0.0	0.0	0.0
136	325	3.72e-06	0.0	-4.08e-03	0.0	0.0	-8652.08	1.923e+04	2029.98	0.0	-1.624e+05	-1.539e+06
		-1.539e+06	-1.624e+05	-2.05e-04	0.0	80.0	-8652.08	1.923e+04	2029.98	0.0	0.0	3.72e-06
136	326	4.68e-06	1.016e+05	-4.08e-03	0.0	0.0	-8811.71	1.780e+04	-1269.42	0.0	1.016e+05	-1.424e+06
		-1.424e+06	0.0	2.17e-04	0.0	80.0	-8811.71	1.780e+04	-1269.42	0.0	0.0	4.68e-06
136	328	-3.72e-06	0.0	4.04e-03	0.0	0.0	-1.362e+04	5.139e+04	1334.43	0.0	-1.068e+05	-4.111e+06
		-4.111e+06	-1.068e+05	2.51e-04	0.0	80.0	-1.362e+04	5.139e+04	1334.43	0.0	0.0	-3.72e-06
136	335	-3.27e-06	0.0	4.04e-03	0.0	0.0	-1.346e+04	5.283e+04	4488.37	0.0	-3.591e+05	-4.226e+06
		-4.226e+06	-3.591e+05	-2.08e-04	0.0	80.0	-1.346e+04	5.283e+04	4488.37	0.0	0.0	-3.27e-06
136	342	2.87e-06	3.366e+05	-1.23e-03	0.0	0.0	-1.068e+04	2.788e+04	-4207.38	0.0	3.366e+05	-2.231e+06
		-2.231e+06	0.0	7.21e-04	0.0	80.0	-1.068e+04	2.788e+04	-4207.38	0.0	0.0	2.87e-06
136	343	-2.87e-06	0.0	1.19e-03	0.0	0.0	-1.159e+04	4.274e+04	7571.80	0.0	-6.057e+05	-2.87e+06
		-3.419e+06	-6.057e+05	-6.75e-04	0.0	80.0	-1.159e+04	4.274e+04	7571.80	0.0	0.0	-2.87e-06
136	357	2.11e-06	0.0	-2.08e-03	0.0	0.0	-9865.26	2.710e+04	1778.45	0.0	-1.423e+05	-2.168e+06
		-2.168e+06	-1.423e+05	-8.01e-05	0.0	80.0	-9865.26	2.710e+04	1778.45	0.0	0.0	2.11e-06
136	360	-2.12e-06	0.0	2.04e-03	0.0	0.0	-1.241e+04	4.353e+04	1585.97	0.0	-1.269e+05	-3.482e+06
		-3.482e+06	-1.269e+05	1.26e-04	0.0	80.0	-1.241e+04	4.353e+04	1585.97	0.0	0.0	-2.12e-06
136	367	-1.39e-06	0.0	2.04e-03	0.0	0.0	-1.232e+04	4.392e+04	3012.76	0.0	-2.410e+05	-3.514e+06
		-3.514e+06	-2.410e+05	-8.16e-05	0.0	80.0	-1.232e+04	4.392e+04	3012.76	0.0	0.0	-1.39e-06
136	374	0.0	8.108e+04	-6.33e-04	0.0	0.0	-1.091e+04	3.213e+04	-1013.44	0.0	8.108e+04	-2.571e+06
		-2.571e+06	0.0	3.37e-04	0.0	80.0	-1.091e+04	3.213e+04	-1013.44	0.0	0.0	0.0
136	375	0.0	0.0	5.97e-04	0.0	0.0	-1.136e+04	3.849e+04	4377.86	0.0	-3.502e+05	-3.079e+06
		-3.079e+06	-3.502e+05	-2.90e-04	0.0	80.0	-1.136e+04	3.849e+04	4377.86	0.0	0.0	0.0
139	89	7.397e+06	4.037e+05	6.06e-03	0.0	0.0	-3.453e+04	-9.247e+04	-5046.36	0.0	4.037e+05	7.397e+06
		-2.61e-06	0.0	-1.98e-04	0.0	80.0	-3.453e+04	-9.247e+04	-5046.36	0.0	0.0	-2.61e-06
139	97	7.520e+06	4.056e+05	7.59e-03	0.0	0.0	-4.651e+04	-9.399e+04	-5070.27	0.0	4.056e+05	7.520e+06
		-2.29e-06	0.0	-2.42e-04	0.0	80.0	-4.651e+04	-9.399e+04	-5070.27	0.0	0.0	-2.29e-06
139	123	4.044e+06	3.454e+05	7.98e-04	0.0	0.0	-1.491e+04	-5.055e+04	-4317.75	0.0	3.454e+05	4.044e+06
		0.0	0.0	1.30e-04	0.0	80.0	-1.491e+04	-5.055e+04	-4317.75	0.0	0.0	0.0
139	124	2.963e+06	2.886e+05	7.94e-04	0.0	0.0	-1.090e+04	-3.704e+04	-3607.01	0.0	2.886e+05	2.963e+06
		0.0	0.0	1.40e-04	0.0	80.0	-1.090e+04	-3.704e+04	-3607.01	0.0	0.0	0.0
139	127	7.365e+06	5.578e+05	-0.01	0.0	0.0	-2.334e+04	-9.206e+04	-6972.90	0.0	5.578e+05	7.365e+06
		6.08e-06	0.0	-2.24e-04	0.0	80.0	-2.334e+04	-9.206e+04	-6972.90	0.0	0.0	6.08e-06
139	251	4.024e+06	2.134e+05	4.43e-03	0.0	0.0	-1.944e+04	-5.030e+04	-2667.20	0.0	2.134e+05	4.024e+06
		-1.90e-06	0.0	1.74e-05	0.0	80.0	-1.944e+04	-5.030e+04	-2667.20	0.0	0.0	-1.90e-06
139	255	4.114e+06	2.148e+05	5.55e-03	0.0	0.0	-2.831e+04	-5.143e+04	-2684.90	0.0	2.148e+05	4.114e+06
		-1.66e-06	0.0	-1.52e-05	0.0	80.0	-2.831e+04	-5.143e+04	-2684.90	0.0	0.0	-1.66e-06
139	268	2.970e+06	2.425e+05	5.31e-04	0.0	0.0	-1.104e+04	-3.712e+04	-3031.83	0.0	2.425e+05	2.970e+06
		0.0	0.0	8.44e-05	0.0	80.0	-1.104e+04	-3.712e+04	-3031.83	0.0	0.0	0.0
139	270	5.430e+06	4.013e+05	-0.01	0.0	0.0	-1.729e+04	-6.788e+04	-5015.91	0.0	4.013e+05	5.430e+06
		4.53e-06	0.0	-1.77e-04	0.0	80.0	-1.729e+04	-6.788e+04	-5015.91	0.0	0.0	4.53e-06
139	283	3.585e+06	2.745e+05	2.47e-03	0.0	0.0	-1.108e+04	-4.482e+04	-3431.18	0.0	2.745e+05	3.585e+06
		0.0	0.0	8.62e-05	0.0	80.0	-1.108e+04	-4.482e+04	-3431.18	0.0	0.0	0.0
139	310	2.843e+06	2.077e+05	1.25e-05	0.0	0.0	-1.113e+04	-3.554e+04	-2596.50	0.0	2.077e+05	2.843e+06
		0.0	0.0	5.98e-05	0.0	80.0	-1.113e+04	-3.554e+04	-2596.50	0.0	0.0	0.0
139	311	4.171e+06	2.364e+05	-8.60e-03	0.0	0.0	-1.365e+04	-5.214e+04	-2955.24	0.0	2.364e+05	4.171e+06
		3.56e-06	0.0	-1.51e-04	0.0	80.0	-1.365e+04	-5.214e+04	-2955.24	0.0	0.0	3.56e-06
139	319	3.563e+06	1.290e+05	2.34e-03	0.0	0.0	-1.121e+04	-4.454e+04	-1612.60	0.0	1.290e+05	3.563e+06
		0.0	0.0	-4.64e-05	0.0	80.0	-1.121e+04	-4.454e+04	-1612.60	0.0	0.0	0.0
139	321	3.620e+06	1.360e+05	2.93e-03	0.0	0.0	-1.737e+04	-4.525e+04	-1700.53	0.0	1.360e+05	3.620e+06
		-1.26e-06	0.0	-5.51e-05	0.0	80.0	-1.737e+04	-4.525e+04	-1700.53	0.0	0.0	-1.26e-06
139	322	3.688e+06	1.371e+05	3.78e-03	0.0	0.0	-2.402e+04	-4.610e+04	-1713.81	0.0	1.371e+05	3.688e+06
		-1.08e-06	0.0	-7.95e-05	0.0	80.0	-2.402e+04	-4.610e+04	-1713.81	0.0	0.0	-1.08e-06
139	324	2.825e+06	1.346e+05	1.24e-05	0.0	0.0	-1.114e+04	-3.531e+04	-1682.07	0.0	1.346e+05	2.825e+06
		0.0	0.0	-2.26e-05	0.0	80.0	-1.114e+04	-3.531e+04	-1682.07	0.0	0.0	0.0
139	334	1.535e+06	3.287e+05	-4.04e-03	0.0	0.0	-9659.81	-1.918e+04	-4108.53	0.0	3.287e+05	1.535e+06
		4.08e-06	0.0	1.74e-04	0.0	80.0	-9659.81	-1.918e+04	-4108.53	0.0	0.0	4.08e-06
139	335	4.115e+06	0.0	4.07e-03	0.0	0.0	-1.263e+04	-5.144e+04	744.39	0.0	-5.955e+04	4.115e+06
		-4.10e-06	-5.955e+04	-2.20e-04	0.0	80.0	-1.263e+04	-5.144e+04	744.39	0.0	0.0	-4.10e-06
139	336	4.184e+06	4.728e+05	4.10e-03	0.0	0.0	-1.231e+04	-5.230e+04	-5910.02	0.0	4.728e+05	4.184e+06
		-3.92e-06	0.0	2.09e-04	0.0	80.0	-1.231e+04	-5.230e+04	-5910.02	0.0	0.0	-3.92e-06
139	341	2.316e+06	2.45e-06	-1.26e-03	0.0	0.0	-1.127e+04	-2.895e+04	9881.05	0.0	-7.905e+05	2.316e+06
		0.0	-7.905e+05	-7.33e-04	0.0	80.0	-1.127e+04	-2.895e+04	9881.05	0.0	2.45e-06	0.0
139	344	3.334e+06	1.060e+06	1.28e-03	0.0	0.0	-1.102e+04	-4.167e+04	-1.325e+04	0.0	1.060e+06	3.334e+06
		0.0	-2.45e-06	6.87e-04	0.0	80.0	-1.102e+04	-4.167e+04	-1.325e+04	0.0	-2.45e-06	0.0
139	367	3.479e+06	8.056e+04	2.08e-03	0.0	0.0	-1.186e+04	-4.348e+04	-1006.97	0.0	8.056e+04	3.479e+06
		-2.01e-06	0.0	-1.10e-04	0.0	80.0	-1.186e+04	-4.348e+04	-1006.97	0.0	0.0	-2.01e-06
139	368	3.498e+06	2.608e+05	2.07e-03	0.0	0.0	-1.177e+04	-4.373e+04	-3259.46	0.0	2.608e+05	3.498e+06
		-1.97e-06	0.0	8.10e-05	0.0	80.0	-1.177e+04	-4.373e+04	-3259.46	0.0	0.0	-1.97e-06
139	370	2.168e+06	1.497e+05	-2.05e-03	0.0	0.0	-1.042e+04	-2.710e+04	-1871.70	0.0	1.497e+05	2.168e+06
		1.99e-06	0.0	3.76e-05	0.0	80.0	-1.042e+04	-2.710e+04	-1871.70	0.0	0.0	1.99e-06
139	371	3.482e+06	1.194e+05	2.08e-03	0.0	0.0	-1.186e+04	-4.352e+04	-1492.43	0.0	1.194e+05	3.482e+06
		-2.01e-06	0.0	-8.38e-05	0.0	80.0	-1.186e+04	-4.352e+04	-1492.43	0.0	0.0	-2.01e-06

139	373	2.595e+06	0.0	-6.05e-04	0.0	0.0	-1.109e+04	-3.244e+04	2308.83	0.0	-1.847e+05	2.595e+06
		0.0	-1.847e+05	-3.38e-04	0.0	80.0	-1.109e+04	-3.244e+04	2308.83	0.0	0.0	0.0
139	376	3.054e+06	4.538e+05	6.29e-04	0.0	0.0	-1.120e+04	-3.818e+04	-5672.96	0.0	4.538e+05	3.054e+06
		0.0	0.0	2.92e-04	0.0	80.0	-1.120e+04	-3.818e+04	-5672.96	0.0	0.0	0.0
140	97	-2.08e-06	5.689e+05	7.51e-03	0.0	0.0	-2.345e+04	9.377e+04	-7111.66	0.0	5.689e+05	-7.502e+06
		-7.502e+06	0.0	-2.38e-04	0.0	80.0	-2.345e+04	9.377e+04	-7111.66	0.0	0.0	-2.08e-06
140	105	6.29e-06	3.514e+05	-0.02	0.0	0.0	-4.655e+04	9.563e+04	-4393.11	0.0	3.514e+05	-7.650e+06
		-7.650e+06	0.0	-2.82e-04	0.0	80.0	-4.655e+04	9.563e+04	-4393.11	0.0	0.0	6.29e-06
140	124	0.0	2.863e+05	7.62e-04	0.0	0.0	-1.090e+04	3.682e+04	-3578.27	0.0	2.863e+05	-2.946e+06
		-2.946e+06	0.0	1.40e-04	0.0	80.0	-1.090e+04	3.682e+04	-3578.27	0.0	0.0	0.0
140	165	8.86e-06	3.127e+05	-0.01	0.0	0.0	-3.458e+04	9.537e+04	-3909.28	0.0	3.127e+05	-7.630e+06
		-7.630e+06	0.0	-2.72e-04	0.0	80.0	-3.458e+04	9.537e+04	-3909.28	0.0	0.0	8.86e-06
140	171	6.59e-06	2.552e+05	-0.01	0.0	0.0	-2.677e+04	7.546e+04	-3189.87	0.0	2.552e+05	-6.037e+06
		-6.037e+06	0.0	-1.19e-04	0.0	80.0	-2.677e+04	7.546e+04	-3189.87	0.0	0.0	6.59e-06
140	255	-1.53e-06	3.322e+05	5.51e-03	0.0	0.0	-1.123e+04	5.128e+04	-4152.88	0.0	3.322e+05	-4.102e+06
		-4.102e+06	0.0	-1.23e-05	0.0	80.0	-1.123e+04	5.128e+04	-4152.88	0.0	0.0	-1.53e-06
140	259	4.67e-06	1.711e+05	-0.01	0.0	0.0	-2.835e+04	5.266e+04	-2139.14	0.0	1.711e+05	-4.212e+06
		-4.212e+06	0.0	-4.53e-05	0.0	80.0	-2.835e+04	5.266e+04	-2139.14	0.0	0.0	4.67e-06
140	268	0.0	2.410e+05	4.99e-04	0.0	0.0	-1.105e+04	3.698e+04	-3012.71	0.0	2.410e+05	-2.958e+06
		-2.958e+06	0.0	8.43e-05	0.0	80.0	-1.105e+04	3.698e+04	-3012.71	0.0	0.0	0.0
140	270	6.58e-06	2.530e+05	-0.01	0.0	0.0	-2.556e+04	7.050e+04	-3162.98	0.0	2.530e+05	-5.640e+06
		-5.640e+06	0.0	-1.81e-04	0.0	80.0	-2.556e+04	7.050e+04	-3162.98	0.0	0.0	6.58e-06
140	289	6.58e-06	2.231e+05	-0.01	0.0	0.0	-2.560e+04	7.036e+04	-2789.34	0.0	2.231e+05	-5.629e+06
		-5.629e+06	0.0	-2.10e-04	0.0	80.0	-2.560e+04	7.036e+04	-2789.34	0.0	0.0	6.58e-06
140	292	4.91e-06	1.813e+05	-8.13e-03	0.0	0.0	-1.984e+04	5.565e+04	-2266.41	0.0	1.813e+05	-4.452e+06
		-4.452e+06	0.0	-9.48e-05	0.0	80.0	-1.984e+04	5.565e+04	-2266.41	0.0	0.0	4.91e-06
140	310	0.0	2.029e+05	-1.75e-05	0.0	0.0	-1.113e+04	3.554e+04	-2536.10	0.0	2.029e+05	-2.843e+06
		-2.843e+06	0.0	5.97e-05	0.0	80.0	-1.113e+04	3.554e+04	-2536.10	0.0	0.0	0.0
140	311	5.02e-06	1.247e+05	-8.65e-03	0.0	0.0	-1.985e+04	5.422e+04	-1558.66	0.0	1.247e+05	-4.338e+06
		-4.338e+06	0.0	-1.54e-04	0.0	80.0	-1.985e+04	5.422e+04	-1558.66	0.0	0.0	5.02e-06
140	319	-1.42e-06	1.717e+05	2.31e-03	0.0	0.0	-1.118e+04	4.385e+04	-2146.05	0.0	1.717e+05	-3.508e+06
		-3.508e+06	0.0	-4.53e-05	0.0	80.0	-1.118e+04	4.385e+04	-2146.05	0.0	0.0	-1.42e-06
140	322	-1.06e-06	2.252e+05	3.74e-03	0.0	0.0	-1.121e+04	4.610e+04	-2814.42	0.0	2.252e+05	-3.688e+06
		-3.688e+06	0.0	-7.74e-05	0.0	80.0	-1.121e+04	4.610e+04	-2814.42	0.0	0.0	-1.06e-06
140	323	3.59e-06	1.043e+05	-9.39e-03	0.0	0.0	-2.404e+04	4.713e+04	-1304.12	0.0	1.043e+05	-3.771e+06
		-3.771e+06	0.0	-1.02e-04	0.0	80.0	-2.404e+04	4.713e+04	-1304.12	0.0	0.0	3.59e-06
140	324	0.0	1.346e+05	-1.79e-05	0.0	0.0	-1.114e+04	3.531e+04	-1682.22	0.0	1.346e+05	-2.825e+06
		-2.825e+06	0.0	-2.26e-05	0.0	80.0	-1.114e+04	3.531e+04	-1682.22	0.0	0.0	0.0
140	325	5.45e-06	0.0	-4.09e-03	0.0	0.0	-8824.73	1.775e+04	1123.30	0.0	-8.986e+04	-1.420e+06
		-1.420e+06	-8.986e+04	-2.54e-04	0.0	80.0	-8824.73	1.775e+04	1123.30	0.0	0.0	5.45e-06
140	328	-5.42e-06	3.590e+05	4.05e-03	0.0	0.0	-1.345e+04	5.287e+04	-4487.74	0.0	3.590e+05	-4.230e+06
		-4.230e+06	0.0	2.08e-04	0.0	80.0	-1.345e+04	5.287e+04	-4487.74	0.0	0.0	-5.42e-06
140	334	3.60e-06	1.623e+05	-4.06e-03	0.0	0.0	-8640.86	1.928e+04	-2029.33	0.0	1.623e+05	-1.543e+06
		-1.543e+06	0.0	2.05e-04	0.0	80.0	-8640.86	1.928e+04	-2029.33	0.0	0.0	3.60e-06
140	335	-3.58e-06	1.068e+05	4.03e-03	0.0	0.0	-1.363e+04	5.134e+04	-1335.11	0.0	1.068e+05	-4.107e+06
		-4.107e+06	0.0	-2.51e-04	0.0	80.0	-1.363e+04	5.134e+04	-1335.11	0.0	0.0	-3.58e-06
140	345	1.67e-06	0.0	-1.28e-03	0.0	0.0	-1.072e+04	2.772e+04	4205.19	0.0	-3.364e+05	-2.218e+06
		-2.218e+06	-3.364e+05	-7.21e-04	0.0	80.0	-1.072e+04	2.772e+04	4205.19	0.0	0.0	1.67e-06
140	348	-1.65e-06	6.056e+05	1.25e-03	0.0	0.0	-1.155e+04	4.291e+04	-7569.63	0.0	6.056e+05	-3.432e+06
		-3.432e+06	0.0	6.75e-04	0.0	80.0	-1.155e+04	4.291e+04	-7569.63	0.0	0.0	-1.65e-06
140	360	-2.60e-06	2.410e+05	2.04e-03	0.0	0.0	-1.232e+04	4.392e+04	-3012.78	0.0	2.410e+05	-3.514e+06
		-3.514e+06	0.0	8.16e-05	0.0	80.0	-1.232e+04	4.392e+04	-3012.78	0.0	0.0	-2.60e-06
140	361	2.64e-06	3.893e+04	-2.07e-03	0.0	0.0	-9945.72	2.679e+04	-486.68	0.0	3.893e+04	-2.144e+06
		-2.144e+06	0.0	-1.02e-04	0.0	80.0	-9945.72	2.679e+04	-486.68	0.0	0.0	2.64e-06
140	366	1.85e-06	1.423e+05	-2.08e-03	0.0	0.0	-9865.26	2.710e+04	-1778.45	0.0	1.423e+05	-2.168e+06
		-2.168e+06	0.0	8.01e-05	0.0	80.0	-9865.26	2.710e+04	-1778.45	0.0	0.0	1.85e-06
140	367	-1.83e-06	1.269e+05	2.04e-03	0.0	0.0	-1.241e+04	4.353e+04	-1585.99	0.0	1.269e+05	-3.482e+06
		-3.482e+06	0.0	1.26e-04	0.0	80.0	-1.241e+04	4.353e+04	-1585.99	0.0	0.0	-1.83e-06
140	377	0.0	0.0	-6.33e-04	0.0	0.0	-1.091e+04	3.213e+04	1013.43	0.0	-8.107e+04	-2.571e+06
		-2.571e+06	-8.107e+04	-3.37e-04	0.0	80.0	-1.091e+04	3.213e+04	1013.43	0.0	0.0	0.0
140	380	0.0	3.502e+05	5.97e-04	0.0	0.0	-1.136e+04	3.849e+04	-4377.87	0.0	3.502e+05	-3.079e+06
		-3.079e+06	0.0	2.90e-04	0.0	80.0	-1.136e+04	3.849e+04	-4377.87	0.0	0.0	0.0
143	73	7.693e+06	2.795e+05	5.01e-03	0.0	0.0	-2.647e+04	-9.616e+04	-3493.51	0.0	2.795e+05	7.693e+06
		-3.05e-06	0.0	-2.21e-04	0.0	80.0	-2.647e+04	-9.616e+04	-3493.51	0.0	0.0	-3.05e-06
143	97	8.133e+06	1.017e+05	7.64e-03	0.0	0.0	-5.427e+04	-1.017e+05	-1271.71	0.0	1.017e+05	8.133e+06
		0.0	0.0	-3.09e-04	0.0	80.0	-5.427e+04	-1.017e+05	-1271.71	0.0	0.0	0.0
143	99	6.346e+06	1.298e+05	5.91e-03	0.0	0.0	-4.118e+04	-7.932e+04	-1622.62	0.0	1.298e+05	6.346e+06
		0.0	0.0	-8.54e-05	0.0	80.0	-4.118e+04	-7.932e+04	-1622.62	0.0	0.0	0.0
143	105	8.185e+06	3.717e+05	-0.02	0.0	0.0	-2.648e+04	-1.023e+05	-4645.73	0.0	3.717e+05	8.185e+06
		4.67e-06	0.0	-3.42e-04	0.0	80.0	-2.648e+04	-1.023e+05	-4645.73	0.0	0.0	4.67e-06
143	182	3.059e+06	1.534e+05	1.12e-03	0.0	0.0	-1.143e+04	-3.823e+04	-1917.58	0.0	1.534e+05	3.059e+06
		0.0	0.0	5.06e-05	0.0	80.0	-1.143e+04	-3.823e+04	-1917.58	0.0	0.0	0.0
143	243	3.974e+06	1.731e+05	3.64e-03	0.0	0.0	-1.200e+04	-4.967e+04	-2163.45	0.0	1.731e+05	3.974e+06
		-2.23e-06	0.0	1.28e-05	0.0	80.0	-1.200e+04	-4.967e+04	-2163.45	0.0	0.0	-2.23e-06
143	255	4.300e+06	4.141e+04	5.59e-03	0.0	0.0	-3.259e+04	-5.375e+04	-517.68	0.0	4.141e+04	4.300e+06
		0.0	0.0	-5.22e-05	0.0	80.0	-3.259e+04	-5.375e+04	-517.68	0.0	0.0	0.0
143	256	3.993e+06	7.820e+04	4.32e-03	0.0	0.0	-2.746e+04	-4.992e+04	-977.50	0.0	7.820e+04	3.993e+06

		0.0	0.0	-1.12e-06	0.0	80.0	-2.746e+04	-4.992e+04	-977.50	0.0	0.0	0.0
143	270	5.928e+06	2.677e+05	-0.01	0.0	0.0	-1.965e+04	-7.410e+04	-3345.74	0.0	2.677e+05	5.928e+06
		6.36e-06	0.0	-2.16e-04	0.0	80.0	-1.965e+04	-7.410e+04	-3345.74	0.0	0.0	6.36e-06
143	302	3.587e+06	1.647e+05	2.47e-03	0.0	0.0	-1.199e+04	-4.484e+04	-2059.04	0.0	1.647e+05	3.587e+06
		-1.58e-06	0.0	2.05e-05	0.0	80.0	-1.199e+04	-4.484e+04	-2059.04	0.0	0.0	-1.58e-06
143	310	2.880e+06	1.293e+05	1.28e-05	0.0	0.0	-1.208e+04	-3.600e+04	-1616.13	0.0	1.293e+05	2.880e+06
		0.0	0.0	4.11e-05	0.0	80.0	-1.208e+04	-3.600e+04	-1616.13	0.0	0.0	0.0
143	311	4.413e+06	1.715e+05	-8.62e-03	0.0	0.0	-1.505e+04	-5.516e+04	-2143.33	0.0	1.715e+05	4.413e+06
		5.00e-06	0.0	-1.81e-04	0.0	80.0	-1.505e+04	-5.516e+04	-2143.33	0.0	0.0	5.00e-06
143	319	3.556e+06	1.177e+05	2.35e-03	0.0	0.0	-1.202e+04	-4.444e+04	-1470.98	0.0	1.177e+05	3.556e+06
		-1.44e-06	0.0	-6.34e-05	0.0	80.0	-1.202e+04	-4.444e+04	-1470.98	0.0	0.0	-1.44e-06
143	322	3.800e+06	1.893e+04	3.80e-03	0.0	0.0	-2.746e+04	-4.750e+04	-236.65	0.0	1.893e+04	3.800e+06
		0.0	0.0	-1.12e-04	0.0	80.0	-2.746e+04	-4.750e+04	-236.65	0.0	0.0	0.0
143	324	2.825e+06	8.843e+04	1.24e-05	0.0	0.0	-1.207e+04	-3.532e+04	-1105.34	0.0	8.843e+04	2.825e+06
		0.0	0.0	-4.13e-05	0.0	80.0	-1.207e+04	-3.532e+04	-1105.34	0.0	0.0	0.0
143	327	3.963e+06	973.49	4.08e-03	0.0	0.0	-1.029e+04	-4.954e+04	-12.17	0.0	973.49	3.963e+06
		-4.12e-06	0.0	-2.75e-04	0.0	80.0	-1.029e+04	-4.954e+04	-12.17	0.0	0.0	-4.12e-06
143	334	1.668e+06	2.094e+05	-4.05e-03	0.0	0.0	-1.386e+04	-2.085e+04	-2616.98	0.0	2.094e+05	1.668e+06
		4.04e-06	0.0	1.54e-04	0.0	80.0	-1.386e+04	-2.085e+04	-2616.98	0.0	0.0	4.04e-06
143	335	3.982e+06	0.0	4.07e-03	0.0	0.0	-1.028e+04	-4.978e+04	406.31	0.0	-3.250e+04	3.982e+06
		-4.05e-06	-3.250e+04	-2.37e-04	0.0	80.0	-1.028e+04	-4.978e+04	406.31	0.0	0.0	-4.05e-06
143	336	4.354e+06	2.614e+05	4.09e-03	0.0	0.0	-1.105e+04	-5.442e+04	-3267.39	0.0	2.614e+05	4.354e+06
		-3.04e-06	0.0	1.91e-04	0.0	80.0	-1.105e+04	-5.442e+04	-3267.39	0.0	0.0	-3.04e-06
143	341	1.810e+06	0.0	-1.24e-03	0.0	0.0	-1.122e+04	-2.262e+04	5240.60	0.0	-4.192e+05	1.810e+06
		0.0	-4.192e+05	-7.50e-04	0.0	80.0	-1.122e+04	-2.262e+04	5240.60	0.0	0.0	0.0
143	344	3.841e+06	5.961e+05	1.26e-03	0.0	0.0	-1.293e+04	-4.801e+04	-7451.27	0.0	5.961e+05	3.841e+06
		0.0	0.0	6.66e-04	0.0	80.0	-1.293e+04	-4.801e+04	-7451.27	0.0	0.0	0.0
143	360	3.544e+06	1.712e+05	2.07e-03	0.0	0.0	-1.147e+04	-4.431e+04	-2140.12	0.0	1.712e+05	3.544e+06
		-1.83e-06	0.0	4.40e-05	0.0	80.0	-1.147e+04	-4.431e+04	-2140.12	0.0	0.0	-1.83e-06
143	368	3.554e+06	1.544e+05	2.07e-03	0.0	0.0	-1.147e+04	-4.443e+04	-1930.47	0.0	1.544e+05	3.554e+06
		-1.82e-06	0.0	6.28e-05	0.0	80.0	-1.147e+04	-4.443e+04	-1930.47	0.0	0.0	-1.82e-06
143	370	2.192e+06	1.059e+05	-2.05e-03	0.0	0.0	-1.298e+04	-2.739e+04	-1323.40	0.0	1.059e+05	2.192e+06
		1.79e-06	0.0	1.87e-05	0.0	80.0	-1.298e+04	-2.739e+04	-1323.40	0.0	0.0	1.79e-06
143	371	3.459e+06	7.098e+04	2.08e-03	0.0	0.0	-1.117e+04	-4.324e+04	-887.28	0.0	7.098e+04	3.459e+06
		-1.81e-06	0.0	-1.02e-04	0.0	80.0	-1.117e+04	-4.324e+04	-887.28	0.0	0.0	-1.81e-06
143	373	2.438e+06	0.0	-6.04e-04	0.0	0.0	-1.191e+04	-3.048e+04	1214.29	0.0	-9.714e+04	2.438e+06
		0.0	-9.714e+04	-3.57e-04	0.0	80.0	-1.191e+04	-3.048e+04	1214.29	0.0	0.0	0.0
143	376	3.213e+06	2.740e+05	6.29e-04	0.0	0.0	-1.224e+04	-4.016e+04	-3424.97	0.0	2.740e+05	3.213e+06
		0.0	0.0	2.73e-04	0.0	80.0	-1.224e+04	-4.016e+04	-3424.97	0.0	0.0	0.0
144	97	-2.31e-06	3.841e+05	7.55e-03	0.0	0.0	-2.644e+04	1.031e+05	-4801.40	0.0	3.841e+05	-8.247e+06
		-8.247e+06	0.0	-3.02e-04	0.0	80.0	-2.644e+04	1.031e+05	-4801.40	0.0	0.0	-2.31e-06
144	105	3.81e-06	8.631e+04	-0.02	0.0	0.0	-5.421e+04	1.028e+05	-1078.86	0.0	8.631e+04	-8.225e+06
		-8.225e+06	0.0	-3.49e-04	0.0	80.0	-5.421e+04	1.028e+05	-1078.86	0.0	0.0	3.81e-06
144	165	5.10e-06	1.536e+05	-0.01	0.0	0.0	-4.051e+04	1.018e+05	-1920.61	0.0	1.536e+05	-8.147e+06
		-8.147e+06	0.0	-3.25e-04	0.0	80.0	-4.051e+04	1.018e+05	-1920.61	0.0	0.0	5.10e-06
144	182	0.0	1.602e+05	1.09e-03	0.0	0.0	-1.142e+04	3.799e+04	-2002.38	0.0	1.602e+05	-3.039e+06
		-3.039e+06	0.0	5.08e-05	0.0	80.0	-1.142e+04	3.799e+04	-2002.38	0.0	0.0	0.0
144	255	-1.71e-06	2.484e+05	5.54e-03	0.0	0.0	-1.199e+04	5.481e+04	-3104.97	0.0	2.484e+05	-4.385e+06
		-4.385e+06	0.0	-4.71e-05	0.0	80.0	-1.199e+04	5.481e+04	-3104.97	0.0	0.0	-1.71e-06
144	259	2.82e-06	2.780e+04	-0.01	0.0	0.0	-3.256e+04	5.461e+04	-347.53	0.0	2.780e+04	-4.369e+06
		-4.369e+06	0.0	-8.18e-05	0.0	80.0	-3.256e+04	5.461e+04	-347.53	0.0	0.0	2.82e-06
144	270	3.78e-06	1.236e+05	-0.01	0.0	0.0	-3.007e+04	7.557e+04	-1544.56	0.0	1.236e+05	-6.045e+06
		-6.045e+06	0.0	-2.20e-04	0.0	80.0	-3.007e+04	7.557e+04	-1544.56	0.0	0.0	3.78e-06
144	289	3.78e-06	1.092e+05	-0.01	0.0	0.0	-2.995e+04	7.510e+04	-1364.58	0.0	1.092e+05	-6.008e+06
		-6.008e+06	0.0	-2.48e-04	0.0	80.0	-2.995e+04	7.510e+04	-1364.58	0.0	0.0	3.78e-06
144	302	0.0	1.690e+05	2.43e-03	0.0	0.0	-1.199e+04	4.431e+04	-2112.66	0.0	1.690e+05	-3.544e+06
		-3.544e+06	0.0	2.06e-05	0.0	80.0	-1.199e+04	4.431e+04	-2112.66	0.0	0.0	0.0
144	311	2.88e-06	6.025e+04	-8.67e-03	0.0	0.0	-2.286e+04	5.635e+04	-753.10	0.0	6.025e+04	-4.508e+06
		-4.508e+06	0.0	-1.84e-04	0.0	80.0	-2.286e+04	5.635e+04	-753.10	0.0	0.0	2.88e-06
144	322	-1.24e-06	1.713e+05	3.76e-03	0.0	0.0	-1.201e+04	4.839e+04	-2141.45	0.0	1.713e+05	-3.871e+06
		-3.871e+06	0.0	-1.08e-04	0.0	80.0	-1.201e+04	4.839e+04	-2141.45	0.0	0.0	-1.24e-06
144	323	2.16e-06	5870.06	-9.42e-03	0.0	0.0	-2.744e+04	4.824e+04	-73.38	0.0	5870.06	-3.859e+06
		-3.859e+06	0.0	-1.34e-04	0.0	80.0	-2.744e+04	4.824e+04	-73.38	0.0	0.0	2.16e-06
144	324	0.0	8.845e+04	-1.80e-05	0.0	0.0	-1.207e+04	3.532e+04	-1105.60	0.0	8.845e+04	-2.825e+06
		-2.825e+06	0.0	-4.12e-05	0.0	80.0	-1.207e+04	3.532e+04	-1105.60	0.0	0.0	0.0
144	328	-3.18e-06	2.206e+05	4.05e-03	0.0	0.0	-9658.66	5.466e+04	-2757.31	0.0	2.206e+05	-4.373e+06
		-4.373e+06	0.0	1.89e-04	0.0	80.0	-9658.66	5.466e+04	-2757.31	0.0	0.0	-3.18e-06
144	336	6.18e-06	2.293e+05	4.05e-03	0.0	0.0	-9631.89	5.466e+04	-2866.01	0.0	2.293e+05	-4.373e+06
		-4.373e+06	0.0	1.52e-04	0.0	80.0	-9631.89	5.466e+04	-2866.01	0.0	0.0	6.18e-06
144	338	-6.06e-06	8.467e+04	-4.08e-03	0.0	0.0	-1.495e+04	1.942e+04	-1058.36	0.0	8.467e+04	-1.554e+06
		-1.554e+06	0.0	1.17e-04	0.0	80.0	-1.495e+04	1.942e+04	-1058.36	0.0	0.0	-6.06e-06
144	339	6.08e-06	9.223e+04	4.04e-03	0.0	0.0	-9183.76	5.122e+04	-1152.85	0.0	9.223e+04	-4.097e+06
		-4.097e+06	0.0	-2.00e-04	0.0	80.0	-9183.76	5.122e+04	-1152.85	0.0	0.0	6.08e-06
144	345	-2.53e-06	0.0	-1.26e-03	0.0	0.0	-1.214e+04	2.201e+04	2351.75	0.0	-1.881e+05	-1.761e+06
		-1.761e+06	-1.881e+05	-7.43e-04	0.0	80.0	-1.214e+04	2.201e+04	2351.75	0.0	0.0	-2.53e-06
144	348	2.56e-06	3.650e+05	1.22e-03	0.0	0.0	-1.200e+04	4.863e+04	-4562.95	0.0	3.650e+05	-3.890e+06
		-3.890e+06	0.0	6.60e-04	0.0	80.0	-1.200e+04	4.863e+04	-4562.95	0.0	0.0	2.56e-06

144	360	-1.78e-06	1.522e+05	2.04e-03	0.0	0.0	-1.085e+04	4.450e+04	-1902.54	0.0	1.522e+05	-3.560e+06
		-3.560e+06	0.0	6.30e-05	0.0	80.0	-1.085e+04	4.450e+04	-1902.54	0.0	0.0	-1.78e-06
144	366	-3.04e-06	9.289e+04	-2.08e-03	0.0	0.0	-1.356e+04	2.761e+04	-1161.10	0.0	9.289e+04	-2.208e+06
		-2.208e+06	0.0	6.24e-05	0.0	80.0	-1.356e+04	2.761e+04	-1161.10	0.0	0.0	-3.04e-06
144	367	3.07e-06	8.401e+04	2.04e-03	0.0	0.0	-1.058e+04	4.303e+04	-1050.10	0.0	8.401e+04	-3.442e+06
		-3.442e+06	0.0	-1.46e-04	0.0	80.0	-1.058e+04	4.303e+04	-1050.10	0.0	0.0	3.07e-06
144	377	0.0	0.0	-6.31e-04	0.0	0.0	-1.205e+04	3.034e+04	525.25	0.0	-4.202e+04	-2.427e+06
		-2.427e+06	-4.202e+04	-3.57e-04	0.0	80.0	-1.205e+04	3.034e+04	525.25	0.0	0.0	0.0
144	380	0.0	2.189e+05	5.95e-04	0.0	0.0	-1.209e+04	4.030e+04	-2736.46	0.0	2.189e+05	-3.224e+06
		-3.224e+06	0.0	2.73e-04	0.0	80.0	-1.209e+04	4.030e+04	-2736.46	0.0	0.0	0.0
445	17	0.0	1.379e+05	-1.15e-05	0.0	0.0	-4.330e+04	5.402e+04	-1723.71	0.0	1.379e+05	-4.321e+06
		-4.321e+06	0.0	1.77e-06	0.0	80.0	-4.330e+04	5.402e+04	-1723.71	0.0	0.0	0.0
445	49	0.0	0.0	-1.57e-05	0.0	0.0	-1.897e+04	7.376e+04	3516.63	0.0	-2.813e+05	-5.901e+06
		-5.901e+06	-2.813e+05	-3.62e-06	0.0	80.0	-1.897e+04	7.376e+04	3516.63	0.0	0.0	0.0
445	73	0.0	0.0	-1.49e-05	0.0	0.0	-1.897e+04	7.006e+04	2736.39	0.0	-2.189e+05	-5.605e+06
		-5.605e+06	-2.189e+05	-2.81e-06	0.0	80.0	-1.897e+04	7.006e+04	2736.39	0.0	0.0	0.0
445	124	0.0	1.140e+04	-5.91e-06	0.0	0.0	-1.165e+04	2.768e+04	-142.51	0.0	1.140e+04	-2.214e+06
		-2.214e+06	0.0	0.0	0.0	80.0	-1.165e+04	2.768e+04	-142.51	0.0	0.0	0.0
445	140	0.0	2.656e+05	-5.93e-06	0.0	0.0	-3.593e+04	2.779e+04	-3319.79	0.0	2.656e+05	-2.223e+06
		-2.223e+06	0.0	3.41e-06	0.0	80.0	-3.593e+04	2.779e+04	-3319.79	0.0	0.0	0.0
445	231	0.0	0.0	-9.81e-06	0.0	0.0	-1.224e+04	4.597e+04	1884.46	0.0	-1.508e+05	-3.677e+06
		-3.677e+06	-1.508e+05	-1.94e-06	0.0	80.0	-1.224e+04	4.597e+04	1884.46	0.0	0.0	0.0
445	263	0.0	0.0	-1.04e-05	0.0	0.0	-1.533e+04	4.858e+04	1477.32	0.0	-1.182e+05	-3.886e+06
		-3.886e+06	-1.182e+05	-1.52e-06	0.0	80.0	-1.533e+04	4.858e+04	1477.32	0.0	0.0	0.0
445	276	0.0	1.672e+05	-6.62e-06	0.0	0.0	-3.024e+04	3.101e+04	-2090.00	0.0	1.672e+05	-2.481e+06
		-2.481e+06	0.0	2.15e-06	0.0	80.0	-3.024e+04	3.101e+04	-2090.00	0.0	0.0	0.0
445	289	0.0	0.0	-1.05e-05	0.0	0.0	-1.409e+04	4.939e+04	2043.84	0.0	-1.635e+05	-3.952e+06
		-3.952e+06	-1.635e+05	-2.10e-06	0.0	80.0	-1.409e+04	4.939e+04	2043.84	0.0	0.0	0.0
445	295	0.0	1.481e+05	-6.76e-06	0.0	0.0	-3.036e+04	3.170e+04	-1850.69	0.0	1.481e+05	-2.536e+06
		-2.536e+06	0.0	1.90e-06	0.0	80.0	-3.036e+04	3.170e+04	-1850.69	0.0	0.0	0.0
445	312	0.0	4.995e+04	-7.49e-06	0.0	0.0	-2.576e+04	3.512e+04	-624.35	0.0	4.995e+04	-2.809e+06
		-2.809e+06	0.0	0.0	0.0	80.0	-2.576e+04	3.512e+04	-624.35	0.0	0.0	0.0
445	316	0.0	0.0	-9.83e-06	0.0	0.0	-1.224e+04	4.609e+04	2286.95	0.0	-1.830e+05	-3.687e+06
		-3.687e+06	-1.830e+05	-2.35e-06	0.0	80.0	-1.224e+04	4.609e+04	2286.95	0.0	0.0	0.0
445	319	0.0	0.0	-9.39e-06	0.0	0.0	-1.224e+04	4.403e+04	1853.49	0.0	-1.483e+05	-3.522e+06
		-3.522e+06	-1.483e+05	-1.91e-06	0.0	80.0	-1.224e+04	4.403e+04	1853.49	0.0	0.0	0.0
445	324	0.0	0.0	-7.52e-06	0.0	0.0	-1.229e+04	3.524e+04	1192.33	0.0	-9.539e+04	-2.819e+06
		-2.819e+06	-9.539e+04	-1.23e-06	0.0	80.0	-1.229e+04	3.524e+04	1192.33	0.0	0.0	0.0
445	326	0.0	0.0	-1.18e-05	0.0	0.0	-9542.98	5.547e+04	1348.59	0.0	-1.079e+05	-4.437e+06
		-4.437e+06	-1.079e+05	-1.39e-06	0.0	80.0	-9542.98	5.547e+04	1348.59	0.0	0.0	0.0
445	327	0.0	0.0	-3.20e-06	0.0	0.0	-1.503e+04	1.502e+04	1036.07	0.0	-8.289e+04	-1.201e+06
		-1.201e+06	-8.289e+04	-1.07e-06	0.0	80.0	-1.503e+04	1.502e+04	1036.07	0.0	0.0	0.0
445	328	0.0	4.688e+04	-2.62e-06	0.0	0.0	-1.483e+04	1.229e+04	-586.02	0.0	4.688e+04	-9.835e+05
		-9.835e+05	0.0	0.0	0.0	80.0	-1.483e+04	1.229e+04	-586.02	0.0	0.0	0.0
445	329	0.0	0.0	-1.27e-05	0.0	0.0	-9715.53	5.932e+04	3201.71	0.0	-2.561e+05	-4.745e+06
		-4.745e+06	-2.561e+05	-3.29e-06	0.0	80.0	-9715.53	5.932e+04	3201.71	0.0	0.0	0.0
445	353	0.0	0.0	-1.07e-05	0.0	0.0	-1.173e+04	4.995e+04	5016.99	0.0	-4.014e+05	-3.996e+06
		-3.996e+06	-4.014e+05	-5.16e-06	0.0	80.0	-1.173e+04	4.995e+04	5016.99	0.0	0.0	0.0
445	356	0.0	2.106e+05	-4.38e-06	0.0	0.0	-1.284e+04	2.053e+04	-2632.32	0.0	2.106e+05	-1.642e+06
		-1.642e+06	0.0	2.71e-06	0.0	80.0	-1.284e+04	2.053e+04	-2632.32	0.0	0.0	0.0
445	358	0.0	0.0	-9.61e-06	0.0	0.0	-1.089e+04	4.502e+04	1355.70	0.0	-1.085e+05	-3.602e+06
		-3.602e+06	-1.085e+05	-1.39e-06	0.0	80.0	-1.089e+04	4.502e+04	1355.70	0.0	0.0	0.0
445	359	0.0	0.0	-5.43e-06	0.0	0.0	-1.369e+04	2.546e+04	1028.96	0.0	-8.232e+04	-2.037e+06
		-2.037e+06	-8.232e+04	-1.06e-06	0.0	80.0	-1.369e+04	2.546e+04	1028.96	0.0	0.0	0.0
445	360	0.0	0.0	-5.00e-06	0.0	0.0	-1.359e+04	2.343e+04	386.79	0.0	-3.094e+04	-1.874e+06
		-1.874e+06	-3.094e+04	0.0	0.0	80.0	-1.359e+04	2.343e+04	386.79	0.0	0.0	0.0
445	361	0.0	0.0	-1.01e-05	0.0	0.0	-1.097e+04	4.727e+04	2190.04	0.0	-1.752e+05	-3.782e+06
		-3.782e+06	-1.752e+05	-2.25e-06	0.0	80.0	-1.097e+04	4.727e+04	2190.04	0.0	0.0	0.0
445	385	0.0	0.0	-9.08e-06	0.0	0.0	-1.200e+04	4.257e+04	3079.02	0.0	-2.463e+05	-3.405e+06
		-3.405e+06	-2.463e+05	-3.17e-06	0.0	80.0	-1.200e+04	4.257e+04	3079.02	0.0	0.0	0.0
445	388	0.0	5.555e+04	-5.96e-06	0.0	0.0	-1.258e+04	2.792e+04	-694.35	0.0	5.555e+04	-2.233e+06
		-2.233e+06	0.0	0.0	0.0	80.0	-1.258e+04	2.792e+04	-694.35	0.0	0.0	0.0
446	17	0.0	0.0	-1.34e-05	0.0	0.0	-5.212e+04	6.301e+04	5940.19	0.0	-4.752e+05	-5.041e+06
		-5.041e+06	-4.752e+05	-6.11e-06	0.0	80.0	-5.212e+04	6.301e+04	5940.19	0.0	0.0	0.0
446	49	0.0	0.0	-1.69e-05	0.0	0.0	-2.099e+04	7.937e+04	2411.56	0.0	-1.929e+05	-6.350e+06
		-6.350e+06	-1.929e+05	-2.48e-06	0.0	80.0	-2.099e+04	7.937e+04	2411.56	0.0	0.0	0.0
446	117	0.0	4.857e+04	-1.57e-05	0.0	0.0	-3.312e+04	7.339e+04	-607.07	0.0	4.857e+04	-5.871e+06
		-5.871e+06	0.0	0.0	0.0	80.0	-3.312e+04	7.339e+04	-607.07	0.0	0.0	0.0
446	152	0.0	1.857e+05	-1.04e-05	0.0	0.0	-2.557e+04	4.872e+04	-2321.04	0.0	1.857e+05	-3.898e+06
		-3.898e+06	0.0	2.39e-06	0.0	80.0	-2.557e+04	4.872e+04	-2321.04	0.0	0.0	0.0
446	162	0.0	0.0	-6.45e-06	0.0	0.0	-1.106e+04	3.025e+04	124.68	0.0	-9974.19	-2.420e+06
		-2.420e+06	-9974.19	0.0	0.0	80.0	-1.106e+04	3.025e+04	124.68	0.0	0.0	0.0
446	215	0.0	0.0	-7.30e-06	0.0	0.0	-3.440e+04	3.420e+04	4102.62	0.0	-3.282e+05	-2.736e+06
		-2.736e+06	-3.282e+05	-4.22e-06	0.0	80.0	-3.440e+04	3.420e+04	4102.62	0.0	0.0	0.0
446	265	0.0	4.267e+04	-1.04e-05	0.0	0.0	-2.261e+04	4.873e+04	-533.36	0.0	4.267e+04	-3.898e+06
		-3.898e+06	0.0	0.0	0.0	80.0	-2.261e+04	4.873e+04	-533.36	0.0	0.0	0.0
446	282	0.0	1.060e+05	-8.81e-06	0.0	0.0	-2.028e+04	4.131e+04	-1324.59	0.0	1.060e+05	-3.305e+06

		-3.305e+06	0.0	1.36e-06	0.0	80.0	-2.028e+04	4.131e+04	-1324.59	0.0	0.0	0.0
446	287	0.0	0.0	-6.96e-06	0.0	0.0	-1.120e+04	3.265e+04	556.79	0.0	-4.454e+04	-2.612e+06
		-2.612e+06	-4.454e+04	0.0	0.0	80.0	-1.120e+04	3.265e+04	556.79	0.0	0.0	0.0
446	289	0.0	0.0	-1.15e-05	0.0	0.0	-1.548e+04	5.376e+04	1148.43	0.0	-9.187e+04	-4.301e+06
		-4.301e+06	-9.187e+04	-1.18e-06	0.0	80.0	-1.548e+04	5.376e+04	1148.43	0.0	0.0	0.0
446	295	0.0	0.0	-7.31e-06	0.0	0.0	-3.434e+04	3.427e+04	4349.97	0.0	-3.480e+05	-2.742e+06
		-2.742e+06	-3.480e+05	-4.47e-06	0.0	80.0	-3.434e+04	3.427e+04	4349.97	0.0	0.0	0.0
446	309	0.0	0.0	-7.55e-06	0.0	0.0	-1.130e+04	3.539e+04	1222.35	0.0	-9.779e+04	-2.831e+06
		-2.831e+06	-9.779e+04	-1.26e-06	0.0	80.0	-1.130e+04	3.539e+04	1222.35	0.0	0.0	0.0
446	311	0.0	0.0	-9.99e-06	0.0	0.0	-1.301e+04	4.682e+04	1645.43	0.0	-1.316e+05	-3.746e+06
		-3.746e+06	-1.316e+05	-1.69e-06	0.0	80.0	-1.301e+04	4.682e+04	1645.43	0.0	0.0	0.0
446	312	0.0	0.0	-7.82e-06	0.0	0.0	-2.862e+04	3.665e+04	4190.92	0.0	-3.353e+05	-2.932e+06
		-2.932e+06	-3.353e+05	-4.31e-06	0.0	80.0	-2.862e+04	3.665e+04	4190.92	0.0	0.0	0.0
446	313	0.0	0.0	-9.48e-06	0.0	0.0	-2.029e+04	4.443e+04	263.61	0.0	-2.109e+04	-3.555e+06
		-3.555e+06	-2.109e+04	0.0	0.0	80.0	-2.029e+04	4.443e+04	263.61	0.0	0.0	0.0
446	316	0.0	0.0	-9.76e-06	0.0	0.0	-1.133e+04	4.574e+04	2230.56	0.0	-1.784e+05	-3.659e+06
		-3.659e+06	-1.784e+05	-2.29e-06	0.0	80.0	-1.133e+04	4.574e+04	2230.56	0.0	0.0	0.0
446	324	0.0	0.0	-7.55e-06	0.0	0.0	-1.130e+04	3.539e+04	1222.35	0.0	-9.779e+04	-2.831e+06
		-2.831e+06	-9.779e+04	-1.26e-06	0.0	80.0	-1.130e+04	3.539e+04	1222.35	0.0	0.0	0.0
446	326	0.0	0.0	-1.20e-05	0.0	0.0	-1.375e+04	5.637e+04	967.29	0.0	-7.738e+04	-4.510e+06
		-4.510e+06	-7.738e+04	0.0	0.0	80.0	-1.375e+04	5.637e+04	967.29	0.0	0.0	0.0
446	327	0.0	0.0	-3.07e-06	0.0	0.0	-8851.45	1.440e+04	1477.42	0.0	-1.182e+05	-1.152e+06
		-1.152e+06	-1.182e+05	-1.52e-06	0.0	80.0	-8851.45	1.440e+04	1477.42	0.0	0.0	0.0
446	329	0.0	0.0	-1.22e-05	0.0	0.0	-1.368e+04	5.731e+04	3512.92	0.0	-2.810e+05	-4.585e+06
		-4.585e+06	-2.810e+05	-3.61e-06	0.0	80.0	-1.368e+04	5.731e+04	3512.92	0.0	0.0	0.0
446	334	0.0	0.0	-1.20e-05	0.0	0.0	-1.374e+04	5.626e+04	1315.35	0.0	-1.052e+05	-4.501e+06
		-4.501e+06	-1.052e+05	-1.35e-06	0.0	80.0	-1.374e+04	5.626e+04	1315.35	0.0	0.0	0.0
446	353	0.0	0.0	-9.33e-06	0.0	0.0	-1.192e+04	4.371e+04	6309.07	0.0	-5.047e+05	-3.497e+06
		-3.497e+06	-5.047e+05	-6.49e-06	0.0	80.0	-1.192e+04	4.371e+04	6309.07	0.0	0.0	0.0
446	356	0.0	3.091e+05	-5.77e-06	0.0	0.0	-1.068e+04	2.706e+04	-3864.37	0.0	3.091e+05	-2.165e+06
		-2.165e+06	0.0	3.97e-06	0.0	80.0	-1.068e+04	2.706e+04	-3864.37	0.0	0.0	0.0
446	361	0.0	0.0	-9.89e-06	0.0	0.0	-1.252e+04	4.636e+04	2360.51	0.0	-1.888e+05	-3.708e+06
		-3.708e+06	-1.888e+05	-2.43e-06	0.0	80.0	-1.252e+04	4.636e+04	2360.51	0.0	0.0	0.0
446	362	0.0	0.0	-9.76e-06	0.0	0.0	-1.255e+04	4.577e+04	963.15	0.0	-7.705e+04	-3.662e+06
		-3.662e+06	-7.705e+04	0.0	0.0	80.0	-1.255e+04	4.577e+04	963.15	0.0	0.0	0.0
446	363	0.0	0.0	-5.33e-06	0.0	0.0	-1.006e+04	2.501e+04	1481.56	0.0	-1.185e+05	-2.000e+06
		-2.000e+06	-1.185e+05	-1.52e-06	0.0	80.0	-1.006e+04	2.501e+04	1481.56	0.0	0.0	0.0
446	365	0.0	0.0	-9.87e-06	0.0	0.0	-1.251e+04	4.625e+04	2320.44	0.0	-1.856e+05	-3.700e+06
		-3.700e+06	-1.856e+05	-2.39e-06	0.0	80.0	-1.251e+04	4.625e+04	2320.44	0.0	0.0	0.0
446	385	0.0	0.0	-8.44e-06	0.0	0.0	-1.162e+04	3.955e+04	3735.29	0.0	-2.988e+05	-3.164e+06
		-3.164e+06	-2.988e+05	-3.84e-06	0.0	80.0	-1.162e+04	3.955e+04	3735.29	0.0	0.0	0.0
446	388	0.0	1.032e+05	-6.66e-06	0.0	0.0	-1.098e+04	3.123e+04	-1290.59	0.0	1.032e+05	-2.498e+06
		-2.498e+06	0.0	1.33e-06	0.0	80.0	-1.098e+04	3.123e+04	-1290.59	0.0	0.0	0.0
447	17	0.0	8.176e+05	-1.56e-05	0.0	0.0	-6.104e+04	7.307e+04	-1.022e+04	0.0	8.176e+05	-5.846e+06
		-5.846e+06	0.0	1.05e-05	0.0	80.0	-6.104e+04	7.307e+04	-1.022e+04	0.0	0.0	0.0
447	25	0.0	3.801e+05	-2.02e-05	0.0	0.0	-4.072e+04	9.463e+04	-4750.76	0.0	3.801e+05	-7.570e+06
		-7.570e+06	0.0	4.88e-06	0.0	80.0	-4.072e+04	9.463e+04	-4750.76	0.0	0.0	0.0
447	124	0.0	2.510e+05	-6.70e-06	0.0	0.0	-1.104e+04	3.141e+04	-3137.22	0.0	2.510e+05	-2.512e+06
		-2.512e+06	0.0	3.23e-06	0.0	80.0	-1.104e+04	3.141e+04	-3137.22	0.0	0.0	0.0
447	149	0.0	4.097e+05	-2.02e-05	0.0	0.0	-4.064e+04	9.474e+04	-5121.79	0.0	4.097e+05	-7.579e+06
		-7.579e+06	0.0	5.27e-06	0.0	80.0	-4.064e+04	9.474e+04	-5121.79	0.0	0.0	0.0
447	210	0.0	2.509e+05	-1.27e-05	0.0	0.0	-1.759e+04	5.950e+04	-3136.20	0.0	2.509e+05	-4.760e+06
		-4.760e+06	0.0	3.22e-06	0.0	80.0	-1.759e+04	5.950e+04	-3136.20	0.0	0.0	0.0
447	215	0.0	5.443e+05	-7.79e-06	0.0	0.0	-3.895e+04	3.651e+04	-6803.54	0.0	5.443e+05	-2.921e+06
		-2.921e+06	0.0	7.00e-06	0.0	80.0	-3.895e+04	3.651e+04	-6803.54	0.0	0.0	0.0
447	268	0.0	2.045e+05	-7.13e-06	0.0	0.0	-1.119e+04	3.341e+04	-2556.26	0.0	2.045e+05	-2.673e+06
		-2.673e+06	0.0	2.63e-06	0.0	80.0	-1.119e+04	3.341e+04	-2556.26	0.0	0.0	0.0
447	270	0.0	2.707e+05	-1.27e-05	0.0	0.0	-1.753e+04	5.958e+04	-3383.55	0.0	2.707e+05	-4.766e+06
		-4.766e+06	0.0	3.48e-06	0.0	80.0	-1.753e+04	5.958e+04	-3383.55	0.0	0.0	0.0
447	276	0.0	5.641e+05	-7.80e-06	0.0	0.0	-3.889e+04	3.659e+04	-7050.89	0.0	5.641e+05	-2.927e+06
		-2.927e+06	0.0	7.25e-06	0.0	80.0	-3.889e+04	3.659e+04	-7050.89	0.0	0.0	0.0
447	310	0.0	1.778e+05	-7.63e-06	0.0	0.0	-1.129e+04	3.577e+04	-2222.09	0.0	1.778e+05	-2.862e+06
		-2.862e+06	0.0	2.28e-06	0.0	80.0	-1.129e+04	3.577e+04	-2222.09	0.0	0.0	0.0
447	311	0.0	1.391e+05	-1.04e-05	0.0	0.0	-1.384e+04	4.884e+04	-1739.28	0.0	1.391e+05	-3.907e+06
		-3.907e+06	0.0	1.79e-06	0.0	80.0	-1.384e+04	4.884e+04	-1739.28	0.0	0.0	0.0
447	312	0.0	3.774e+05	-8.07e-06	0.0	0.0	-3.205e+04	3.781e+04	-4717.00	0.0	3.774e+05	-3.025e+06
		-3.025e+06	0.0	4.85e-06	0.0	80.0	-3.205e+04	3.781e+04	-4717.00	0.0	0.0	0.0
447	313	0.0	1.343e+05	-1.06e-05	0.0	0.0	-2.076e+04	4.978e+04	-1678.86	0.0	1.343e+05	-3.983e+06
		-3.983e+06	0.0	1.73e-06	0.0	80.0	-2.076e+04	4.978e+04	-1678.86	0.0	0.0	0.0
447	324	0.0	9.779e+04	-7.55e-06	0.0	0.0	-1.130e+04	3.539e+04	-1222.35	0.0	9.779e+04	-2.831e+06
		-2.831e+06	0.0	1.26e-06	0.0	80.0	-1.130e+04	3.539e+04	-1222.35	0.0	0.0	0.0
447	333	0.0	7.692e+04	-1.20e-05	0.0	0.0	-1.374e+04	5.631e+04	-961.50	0.0	7.692e+04	-4.505e+06
		-4.505e+06	0.0	0.0	0.0	80.0	-1.374e+04	5.631e+04	-961.50	0.0	0.0	0.0
447	336	0.0	1.187e+05	-3.09e-06	0.0	0.0	-8857.17	1.447e+04	-1483.20	0.0	1.187e+05	-1.157e+06
		-1.157e+06	0.0	1.52e-06	0.0	80.0	-8857.17	1.447e+04	-1483.20	0.0	0.0	0.0
447	338	0.0	2.810e+05	-1.22e-05	0.0	0.0	-1.368e+04	5.731e+04	-3512.92	0.0	2.810e+05	-4.585e+06
		-4.585e+06	0.0	3.61e-06	0.0	80.0	-1.368e+04	5.731e+04	-3512.92	0.0	0.0	0.0

447	350	0.0	5.047e+05	-9.33e-06	0.0	0.0	-1.192e+04	4.371e+04	-6309.07	0.0	5.047e+05	-3.497e+06
		-3.497e+06	0.0	6.49e-06	0.0	80.0	-1.192e+04	4.371e+04	-6309.07	0.0	0.0	0.0
447	351	0.0	0.0	-5.77e-06	0.0	0.0	-1.068e+04	2.706e+04	3864.36	0.0	-3.091e+05	-2.165e+06
		-2.165e+06	-3.091e+05	-3.97e-06	0.0	80.0	-1.068e+04	2.706e+04	3864.36	0.0	0.0	0.0
447	369	0.0	7.705e+04	-9.76e-06	0.0	0.0	-1.255e+04	4.577e+04	-963.15	0.0	7.705e+04	-3.662e+06
		-3.662e+06	0.0	0.0	0.0	80.0	-1.255e+04	4.577e+04	-963.15	0.0	0.0	0.0
447	370	0.0	1.888e+05	-9.89e-06	0.0	0.0	-1.252e+04	4.636e+04	-2360.51	0.0	1.888e+05	-3.708e+06
		-3.708e+06	0.0	2.43e-06	0.0	80.0	-1.252e+04	4.636e+04	-2360.51	0.0	0.0	0.0
447	371	0.0	6735.39	-5.21e-06	0.0	0.0	-1.009e+04	2.442e+04	-84.19	0.0	6735.39	-1.954e+06
		-1.954e+06	0.0	0.0	0.0	80.0	-1.009e+04	2.442e+04	-84.19	0.0	0.0	0.0
447	372	0.0	1.185e+05	-5.33e-06	0.0	0.0	-1.006e+04	2.501e+04	-1481.56	0.0	1.185e+05	-2.000e+06
		-2.000e+06	0.0	1.52e-06	0.0	80.0	-1.006e+04	2.501e+04	-1481.56	0.0	0.0	0.0
447	382	0.0	2.988e+05	-8.44e-06	0.0	0.0	-1.162e+04	3.955e+04	-3735.29	0.0	2.988e+05	-3.164e+06
		-3.164e+06	0.0	3.84e-06	0.0	80.0	-1.162e+04	3.955e+04	-3735.29	0.0	0.0	0.0
447	383	0.0	0.0	-6.66e-06	0.0	0.0	-1.098e+04	3.123e+04	1290.59	0.0	-1.032e+05	-2.498e+06
		-2.498e+06	-1.032e+05	-1.33e-06	0.0	80.0	-1.098e+04	3.123e+04	1290.59	0.0	0.0	0.0
448	17	0.0	0.0	-1.67e-05	0.0	0.0	-6.455e+04	7.815e+04	543.05	0.0	-4.344e+04	-6.252e+06
		-6.252e+06	-4.344e+04	0.0	0.0	80.0	-6.455e+04	7.815e+04	543.05	0.0	0.0	0.0
448	73	0.0	3.249e+05	-1.91e-05	0.0	0.0	-2.697e+04	8.947e+04	-4060.70	0.0	3.249e+05	-7.157e+06
		-7.157e+06	0.0	4.17e-06	0.0	80.0	-2.697e+04	8.947e+04	-4060.70	0.0	0.0	0.0
448	149	0.0	2.263e+05	-2.27e-05	0.0	0.0	-4.816e+04	1.066e+05	-2828.55	0.0	2.263e+05	-8.525e+06
		-8.525e+06	0.0	2.91e-06	0.0	80.0	-4.816e+04	1.066e+05	-2828.55	0.0	0.0	0.0
448	162	0.0	1.376e+05	-6.70e-06	0.0	0.0	-1.165e+04	3.139e+04	-1720.17	0.0	1.376e+05	-2.511e+06
		-2.511e+06	0.0	1.77e-06	0.0	80.0	-1.165e+04	3.139e+04	-1720.17	0.0	0.0	0.0
448	178	0.0	0.0	-7.68e-06	0.0	0.0	-4.918e+04	3.601e+04	1567.13	0.0	-1.254e+05	-2.880e+06
		-2.880e+06	-1.254e+05	-1.61e-06	0.0	80.0	-4.918e+04	3.601e+04	1567.13	0.0	0.0	0.0
448	231	0.0	1.849e+05	-1.00e-05	0.0	0.0	-1.222e+04	4.695e+04	-2311.46	0.0	1.849e+05	-3.756e+06
		-3.756e+06	0.0	2.38e-06	0.0	80.0	-1.222e+04	4.695e+04	-2311.46	0.0	0.0	0.0
448	243	0.0	2.054e+05	-9.71e-06	0.0	0.0	-1.224e+04	4.552e+04	-2567.71	0.0	2.054e+05	-3.642e+06
		-3.642e+06	0.0	2.64e-06	0.0	80.0	-1.224e+04	4.552e+04	-2567.71	0.0	0.0	0.0
448	270	0.0	2.285e+05	-1.36e-05	0.0	0.0	-2.002e+04	6.364e+04	-2855.88	0.0	2.285e+05	-5.092e+06
		-5.092e+06	0.0	2.94e-06	0.0	80.0	-2.002e+04	6.364e+04	-2855.88	0.0	0.0	0.0
448	276	0.0	0.0	-8.00e-06	0.0	0.0	-4.017e+04	3.750e+04	695.89	0.0	-5.567e+04	-3.000e+06
		-3.000e+06	-5.567e+04	0.0	0.0	80.0	-4.017e+04	3.750e+04	695.89	0.0	0.0	0.0
448	295	0.0	0.0	-7.85e-06	0.0	0.0	-4.005e+04	3.681e+04	935.20	0.0	-7.482e+04	-2.945e+06
		-2.945e+06	-7.482e+04	0.0	0.0	80.0	-4.005e+04	3.681e+04	935.20	0.0	0.0	0.0
448	312	0.0	0.0	-8.03e-06	0.0	0.0	-3.312e+04	3.762e+04	685.46	0.0	-5.484e+04	-3.010e+06
		-3.010e+06	-5.484e+04	0.0	0.0	80.0	-3.312e+04	3.762e+04	685.46	0.0	0.0	0.0
448	313	0.0	8.524e+04	-1.13e-05	0.0	0.0	-2.394e+04	5.311e+04	-1065.50	0.0	8.524e+04	-4.249e+06
		-4.249e+06	0.0	1.10e-06	0.0	80.0	-2.394e+04	5.311e+04	-1065.50	0.0	0.0	0.0
448	316	0.0	1.344e+05	-9.60e-06	0.0	0.0	-1.223e+04	4.498e+04	-1679.99	0.0	1.344e+05	-3.598e+06
		-3.598e+06	0.0	1.73e-06	0.0	80.0	-1.223e+04	4.498e+04	-1679.99	0.0	0.0	0.0
448	319	0.0	1.498e+05	-9.37e-06	0.0	0.0	-1.225e+04	4.391e+04	-1872.17	0.0	1.498e+05	-3.513e+06
		-3.513e+06	0.0	1.92e-06	0.0	80.0	-1.225e+04	4.391e+04	-1872.17	0.0	0.0	0.0
448	324	0.0	9.539e+04	-7.52e-06	0.0	0.0	-1.229e+04	3.524e+04	-1192.33	0.0	9.539e+04	-2.819e+06
		-2.819e+06	0.0	1.23e-06	0.0	80.0	-1.229e+04	3.524e+04	-1192.33	0.0	0.0	0.0
448	328	0.0	6.749e+04	-3.26e-06	0.0	0.0	-1.496e+04	1.529e+04	-843.63	0.0	6.749e+04	-1.223e+06
		-1.223e+06	0.0	0.0	0.0	80.0	-1.496e+04	1.529e+04	-843.63	0.0	0.0	0.0
448	337	0.0	8.940e+04	-1.16e-05	0.0	0.0	-9578.66	5.434e+04	-1117.56	0.0	8.940e+04	-4.347e+06
		-4.347e+06	0.0	1.15e-06	0.0	80.0	-9578.66	5.434e+04	-1117.56	0.0	0.0	0.0
448	338	0.0	2.561e+05	-1.27e-05	0.0	0.0	-9715.53	5.932e+04	-3201.71	0.0	2.561e+05	-4.745e+06
		-4.745e+06	0.0	3.29e-06	0.0	80.0	-9715.53	5.932e+04	-3201.71	0.0	0.0	0.0
448	340	0.0	1.014e+05	-3.44e-06	0.0	0.0	-1.500e+04	1.614e+04	-1267.10	0.0	1.014e+05	-1.291e+06
		-1.291e+06	0.0	1.30e-06	0.0	80.0	-1.500e+04	1.614e+04	-1267.10	0.0	0.0	0.0
448	350	0.0	4.014e+05	-1.07e-05	0.0	0.0	-1.173e+04	4.995e+04	-5016.99	0.0	4.014e+05	-3.996e+06
		-3.996e+06	0.0	5.16e-06	0.0	80.0	-1.173e+04	4.995e+04	-5016.99	0.0	0.0	0.0
448	351	0.0	0.0	-4.38e-06	0.0	0.0	-1.284e+04	2.053e+04	2632.33	0.0	-2.106e+05	-1.642e+06
		-1.642e+06	-2.106e+05	-2.71e-06	0.0	80.0	-1.284e+04	2.053e+04	2632.33	0.0	0.0	0.0
448	360	0.0	7.418e+04	-5.45e-06	0.0	0.0	-1.367e+04	2.555e+04	-927.29	0.0	7.418e+04	-2.044e+06
		-2.044e+06	0.0	0.0	0.0	80.0	-1.367e+04	2.555e+04	-927.29	0.0	0.0	0.0
448	365	0.0	1.085e+05	-9.61e-06	0.0	0.0	-1.089e+04	4.502e+04	-1355.70	0.0	1.085e+05	-3.602e+06
		-3.602e+06	0.0	1.39e-06	0.0	80.0	-1.089e+04	4.502e+04	-1355.70	0.0	0.0	0.0
448	368	0.0	8.232e+04	-5.43e-06	0.0	0.0	-1.369e+04	2.546e+04	-1028.96	0.0	8.232e+04	-2.037e+06
		-2.037e+06	0.0	1.06e-06	0.0	80.0	-1.369e+04	2.546e+04	-1028.96	0.0	0.0	0.0
448	370	0.0	1.752e+05	-1.01e-05	0.0	0.0	-1.097e+04	4.727e+04	-2190.04	0.0	1.752e+05	-3.782e+06
		-3.782e+06	0.0	2.25e-06	0.0	80.0	-1.097e+04	4.727e+04	-2190.04	0.0	0.0	0.0
448	382	0.0	2.463e+05	-9.08e-06	0.0	0.0	-1.200e+04	4.257e+04	-3079.02	0.0	2.463e+05	-3.405e+06
		-3.405e+06	0.0	3.17e-06	0.0	80.0	-1.200e+04	4.257e+04	-3079.02	0.0	0.0	0.0
448	383	0.0	0.0	-5.96e-06	0.0	0.0	-1.258e+04	2.792e+04	694.36	0.0	-5.555e+04	-2.233e+06
		-2.233e+06	-5.555e+04	0.0	0.0	80.0	-1.258e+04	2.792e+04	694.36	0.0	0.0	0.0
449	97	6.416e+06	0.0	1.71e-05	0.0	0.0	-1.894e+04	-8.019e+04	3902.77	0.0	-3.122e+05	6.416e+06
		0.0	-3.122e+05	-4.01e-06	0.0	80.0	-1.894e+04	-8.019e+04	3902.77	0.0	0.0	0.0
449	132	3.463e+06	5.976e+04	9.24e-06	0.0	0.0	-2.579e+04	-4.329e+04	-747.04	0.0	5.976e+04	3.463e+06
		0.0	0.0	0.0	0.0	80.0	-2.579e+04	-4.329e+04	-747.04	0.0	0.0	0.0
449	144	2.916e+06	0.0	7.78e-06	0.0	0.0	-1.161e+04	-3.645e+04	401.16	0.0	-3.209e+04	2.916e+06
		0.0	-3.209e+04	0.0	0.0	80.0	-1.161e+04	-3.645e+04	401.16	0.0	0.0	0.0
449	165	5.360e+06	0.0	1.43e-05	0.0	0.0	-3.681e+04	-6.699e+04	501.88	0.0	-4.015e+04	5.360e+06

		0.0	-4.015e+04	0.0	0.0	80.0	-3.681e+04	-6.699e+04	501.88	0.0	0.0	0.0
449	187	6.031e+06	0.0	1.61e-05	0.0	0.0	-1.909e+04	-7.539e+04	3219.69	0.0	-2.576e+05	6.031e+06
		0.0	-2.576e+05	-3.31e-06	0.0	80.0	-1.909e+04	-7.539e+04	3219.69	0.0	0.0	0.0
449	255	4.012e+06	0.0	1.07e-05	0.0	0.0	-1.222e+04	-5.015e+04	2135.87	0.0	-1.709e+05	4.012e+06
		0.0	-1.709e+05	-2.20e-06	0.0	80.0	-1.222e+04	-5.015e+04	2135.87	0.0	0.0	0.0
449	265	4.067e+06	0.0	1.08e-05	0.0	0.0	-1.461e+04	-5.084e+04	1514.63	0.0	-1.212e+05	4.067e+06
		0.0	-1.212e+05	-1.56e-06	0.0	80.0	-1.461e+04	-5.084e+04	1514.63	0.0	0.0	0.0
449	272	3.357e+06	1.611e+04	8.95e-06	0.0	0.0	-2.275e+04	-4.196e+04	-201.41	0.0	1.611e+04	3.357e+06
		0.0	0.0	0.0	0.0	80.0	-2.275e+04	-4.196e+04	-201.41	0.0	0.0	0.0
449	283	3.458e+06	0.0	9.22e-06	0.0	0.0	-1.220e+04	-4.322e+04	1126.55	0.0	-9.012e+04	3.458e+06
		0.0	-9.012e+04	-1.16e-06	0.0	80.0	-1.220e+04	-4.322e+04	1126.55	0.0	0.0	0.0
449	289	3.945e+06	0.0	1.05e-05	0.0	0.0	-2.719e+04	-4.931e+04	415.80	0.0	-3.326e+04	3.945e+06
		0.0	-3.326e+04	0.0	0.0	80.0	-2.719e+04	-4.931e+04	415.80	0.0	0.0	0.0
449	311	3.314e+06	0.0	8.84e-06	0.0	0.0	-2.279e+04	-4.143e+04	566.30	0.0	-4.530e+04	3.314e+06
		0.0	-4.530e+04	0.0	0.0	80.0	-2.279e+04	-4.143e+04	566.30	0.0	0.0	0.0
449	313	3.400e+06	0.0	9.07e-06	0.0	0.0	-1.225e+04	-4.250e+04	1750.03	0.0	-1.400e+05	3.400e+06
		0.0	-1.400e+05	-1.80e-06	0.0	80.0	-1.225e+04	-4.250e+04	1750.03	0.0	0.0	0.0
449	319	3.522e+06	0.0	9.39e-06	0.0	0.0	-1.224e+04	-4.403e+04	1853.47	0.0	-1.483e+05	3.522e+06
		0.0	-1.483e+05	-1.91e-06	0.0	80.0	-1.224e+04	-4.403e+04	1853.47	0.0	0.0	0.0
449	321	3.551e+06	0.0	9.47e-06	0.0	0.0	-1.225e+04	-4.438e+04	2091.24	0.0	-1.673e+05	3.551e+06
		0.0	-1.673e+05	-2.15e-06	0.0	80.0	-1.225e+04	-4.438e+04	2091.24	0.0	0.0	0.0
449	322	3.637e+06	0.0	9.70e-06	0.0	0.0	-1.225e+04	-4.547e+04	2251.67	0.0	-1.801e+05	3.637e+06
		0.0	-1.801e+05	-2.32e-06	0.0	80.0	-1.225e+04	-4.547e+04	2251.67	0.0	0.0	0.0
449	324	2.819e+06	0.0	7.52e-06	0.0	0.0	-1.229e+04	-3.524e+04	1192.32	0.0	-9.539e+04	2.819e+06
		0.0	-9.539e+04	-1.23e-06	0.0	80.0	-1.229e+04	-3.524e+04	1192.32	0.0	0.0	0.0
449	325	1.311e+06	0.0	3.50e-06	0.0	0.0	-1.519e+04	-1.639e+04	1321.30	0.0	-1.057e+05	1.311e+06
		0.0	-1.057e+05	-1.36e-06	0.0	80.0	-1.519e+04	-1.639e+04	1321.30	0.0	0.0	0.0
449	327	4.765e+06	0.0	1.27e-05	0.0	0.0	-9910.20	-5.957e+04	3255.89	0.0	-2.605e+05	4.765e+06
		0.0	-2.605e+05	-3.35e-06	0.0	80.0	-9910.20	-5.957e+04	3255.89	0.0	0.0	0.0
449	328	4.327e+06	0.0	1.15e-05	0.0	0.0	-9383.98	-5.409e+04	1063.33	0.0	-8.507e+04	4.327e+06
		0.0	-8.507e+04	-1.09e-06	0.0	80.0	-9383.98	-5.409e+04	1063.33	0.0	0.0	0.0
449	345	3.036e+06	0.0	8.10e-06	0.0	0.0	-1.395e+04	-3.795e+04	4495.51	0.0	-3.596e+05	3.036e+06
		0.0	-3.596e+05	-4.62e-06	0.0	80.0	-1.395e+04	-3.795e+04	4495.51	0.0	0.0	0.0
449	346	1.576e+06	2.250e+05	4.20e-06	0.0	0.0	-1.220e+04	-1.970e+04	-2813.02	0.0	2.250e+05	1.576e+06
		0.0	0.0	2.89e-06	0.0	80.0	-1.220e+04	-1.970e+04	-2813.02	0.0	0.0	0.0
449	347	4.063e+06	0.0	1.08e-05	0.0	0.0	-1.238e+04	-5.079e+04	5197.65	0.0	-4.158e+05	4.063e+06
		0.0	-4.158e+05	-5.34e-06	0.0	80.0	-1.238e+04	-5.079e+04	5197.65	0.0	0.0	0.0
449	359	3.782e+06	0.0	1.01e-05	0.0	0.0	-1.097e+04	-4.727e+04	2190.02	0.0	-1.752e+05	3.782e+06
		0.0	-1.752e+05	-2.25e-06	0.0	80.0	-1.097e+04	-4.727e+04	2190.02	0.0	0.0	0.0
449	361	2.037e+06	0.0	5.43e-06	0.0	0.0	-1.369e+04	-2.546e+04	1028.95	0.0	-8.232e+04	2.037e+06
		0.0	-8.232e+04	-1.06e-06	0.0	80.0	-1.369e+04	-2.546e+04	1028.95	0.0	0.0	0.0
449	364	3.602e+06	0.0	9.61e-06	0.0	0.0	-1.089e+04	-4.502e+04	1355.68	0.0	-1.085e+05	3.602e+06
		0.0	-1.085e+05	-1.39e-06	0.0	80.0	-1.089e+04	-4.502e+04	1355.68	0.0	0.0	0.0
449	365	2.062e+06	0.0	5.50e-06	0.0	0.0	-1.366e+04	-2.577e+04	1119.44	0.0	-8.956e+04	2.062e+06
		0.0	-8.956e+04	-1.15e-06	0.0	80.0	-1.366e+04	-2.577e+04	1119.44	0.0	0.0	0.0
449	378	2.233e+06	5.555e+04	5.96e-06	0.0	0.0	-1.258e+04	-2.792e+04	-694.37	0.0	5.555e+04	2.233e+06
		0.0	0.0	0.0	0.0	80.0	-1.258e+04	-2.792e+04	-694.37	0.0	0.0	0.0
449	379	3.405e+06	0.0	9.08e-06	0.0	0.0	-1.200e+04	-4.257e+04	3079.00	0.0	-2.463e+05	3.405e+06
		0.0	-2.463e+05	-3.17e-06	0.0	80.0	-1.200e+04	-4.257e+04	3079.00	0.0	0.0	0.0
450	7	6.602e+06	1.198e+05	1.76e-05	0.0	0.0	-4.241e+04	-8.252e+04	-1497.99	0.0	1.198e+05	6.602e+06
		0.0	0.0	1.54e-06	0.0	80.0	-4.241e+04	-8.252e+04	-1497.99	0.0	0.0	0.0
450	97	6.858e+06	0.0	1.83e-05	0.0	0.0	-2.101e+04	-8.573e+04	2649.91	0.0	-2.120e+05	6.858e+06
		0.0	-2.120e+05	-2.72e-06	0.0	80.0	-2.101e+04	-8.573e+04	2649.91	0.0	0.0	0.0
450	132	4.378e+06	2.030e+05	1.17e-05	0.0	0.0	-2.954e+04	-5.472e+04	-2537.87	0.0	2.030e+05	4.378e+06
		0.0	0.0	2.61e-06	0.0	80.0	-2.954e+04	-5.472e+04	-2537.87	0.0	0.0	0.0
450	162	3.020e+06	0.0	8.05e-06	0.0	0.0	-1.109e+04	-3.775e+04	359.97	0.0	-2.880e+04	3.020e+06
		0.0	-2.880e+04	0.0	0.0	80.0	-1.109e+04	-3.775e+04	359.97	0.0	0.0	0.0
450	210	4.862e+06	8.103e+04	1.30e-05	0.0	0.0	-3.140e+04	-6.077e+04	-1012.90	0.0	8.103e+04	4.862e+06
		0.0	0.0	1.04e-06	0.0	80.0	-3.140e+04	-6.077e+04	-1012.90	0.0	0.0	0.0
450	255	4.036e+06	0.0	1.08e-05	0.0	0.0	-1.135e+04	-5.045e+04	1647.25	0.0	-1.318e+05	4.036e+06
		0.0	-1.318e+05	-1.69e-06	0.0	80.0	-1.135e+04	-5.045e+04	1647.25	0.0	0.0	0.0
450	272	4.020e+06	1.071e+05	1.07e-05	0.0	0.0	-2.490e+04	-5.025e+04	-1339.21	0.0	1.071e+05	4.020e+06
		0.0	0.0	1.38e-06	0.0	80.0	-2.490e+04	-5.025e+04	-1339.21	0.0	0.0	0.0
450	287	3.010e+06	0.0	8.03e-06	0.0	0.0	-1.122e+04	-3.762e+04	712.96	0.0	-5.704e+04	3.010e+06
		0.0	-5.704e+04	0.0	0.0	80.0	-1.122e+04	-3.762e+04	712.96	0.0	0.0	0.0
450	289	4.868e+06	6.124e+04	1.30e-05	0.0	0.0	-3.134e+04	-6.085e+04	-765.55	0.0	6.124e+04	4.868e+06
		0.0	0.0	0.0	0.0	80.0	-3.134e+04	-6.085e+04	-765.55	0.0	0.0	0.0
450	309	2.831e+06	0.0	7.55e-06	0.0	0.0	-1.130e+04	-3.539e+04	1222.35	0.0	-9.779e+04	2.831e+06
		0.0	-9.779e+04	-1.26e-06	0.0	80.0	-1.130e+04	-3.539e+04	1222.35	0.0	0.0	0.0
450	311	3.872e+06	0.0	1.03e-05	0.0	0.0	-2.489e+04	-4.840e+04	92.82	0.0	-7425.84	3.872e+06
		0.0	-7425.84	0.0	0.0	80.0	-2.489e+04	-4.840e+04	92.82	0.0	0.0	0.0
450	313	3.406e+06	0.0	9.08e-06	0.0	0.0	-1.134e+04	-4.258e+04	1514.62	0.0	-1.212e+05	3.406e+06
		0.0	-1.212e+05	-1.56e-06	0.0	80.0	-1.134e+04	-4.258e+04	1514.62	0.0	0.0	0.0
450	322	3.608e+06	0.0	9.62e-06	0.0	0.0	-1.133e+04	-4.511e+04	2232.27	0.0	-1.786e+05	3.608e+06
		0.0	-1.786e+05	-2.30e-06	0.0	80.0	-1.133e+04	-4.511e+04	2232.27	0.0	0.0	0.0
450	324	2.831e+06	0.0	7.55e-06	0.0	0.0	-1.130e+04	-3.539e+04	1222.35	0.0	-9.779e+04	2.831e+06
		0.0	-9.779e+04	-1.26e-06	0.0	80.0	-1.130e+04	-3.539e+04	1222.35	0.0	0.0	0.0

450	325	1.191e+06	0.0	3.17e-06	0.0	0.0	-8806.45	-1.488e+04	1955.01	0.0	-1.564e+05	1.191e+06
		0.0	-1.564e+05	-2.01e-06	0.0	80.0	-8806.45	-1.488e+04	1955.01	0.0	0.0	0.0
450	327	4.605e+06	0.0	1.23e-05	0.0	0.0	-1.363e+04	-5.756e+04	3704.21	0.0	-2.963e+05	4.605e+06
		0.0	-2.963e+05	-3.81e-06	0.0	80.0	-1.363e+04	-5.756e+04	3704.21	0.0	0.0	0.0
450	328	4.472e+06	0.0	1.19e-05	0.0	0.0	-1.380e+04	-5.590e+04	489.70	0.0	-3.918e+04	4.472e+06
		0.0	-3.918e+04	0.0	0.0	80.0	-1.380e+04	-5.590e+04	489.70	0.0	0.0	0.0
450	346	2.100e+06	3.602e+05	5.60e-06	0.0	0.0	-1.086e+04	-2.625e+04	-4501.96	0.0	3.602e+05	2.100e+06
		0.0	0.0	4.63e-06	0.0	80.0	-1.086e+04	-2.625e+04	-4501.96	0.0	0.0	0.0
450	347	3.562e+06	0.0	9.50e-06	0.0	0.0	-1.174e+04	-4.453e+04	6946.67	0.0	-5.557e+05	3.562e+06
		0.0	-5.557e+05	-7.14e-06	0.0	80.0	-1.174e+04	-4.453e+04	6946.67	0.0	0.0	0.0
450	357	2.000e+06	0.0	5.33e-06	0.0	0.0	-1.006e+04	-2.501e+04	1481.56	0.0	-1.185e+05	2.000e+06
		0.0	-1.185e+05	-1.52e-06	0.0	80.0	-1.006e+04	-2.501e+04	1481.56	0.0	0.0	0.0
450	359	3.708e+06	0.0	9.89e-06	0.0	0.0	-1.252e+04	-4.636e+04	2360.52	0.0	-1.888e+05	3.708e+06
		0.0	-1.888e+05	-2.43e-06	0.0	80.0	-1.252e+04	-4.636e+04	2360.52	0.0	0.0	0.0
450	360	3.662e+06	0.0	9.76e-06	0.0	0.0	-1.255e+04	-4.577e+04	963.15	0.0	-7.705e+04	3.662e+06
		0.0	-7.705e+04	0.0	0.0	80.0	-1.255e+04	-4.577e+04	963.15	0.0	0.0	0.0
450	378	2.498e+06	1.032e+05	6.66e-06	0.0	0.0	-1.098e+04	-3.123e+04	-1290.59	0.0	1.032e+05	2.498e+06
		0.0	0.0	1.33e-06	0.0	80.0	-1.098e+04	-3.123e+04	-1290.59	0.0	0.0	0.0
450	379	3.164e+06	0.0	8.44e-06	0.0	0.0	-1.162e+04	-3.955e+04	3735.29	0.0	-2.988e+05	3.164e+06
		0.0	-2.988e+05	-3.84e-06	0.0	80.0	-1.162e+04	-3.955e+04	3735.29	0.0	0.0	0.0
451	7	8.049e+06	4.005e+05	2.15e-05	0.0	0.0	-4.696e+04	-1.006e+05	-5006.50	0.0	4.005e+05	8.049e+06
		0.0	0.0	5.15e-06	0.0	80.0	-4.696e+04	-1.006e+05	-5006.50	0.0	0.0	0.0
451	49	7.201e+06	3.788e+05	1.92e-05	0.0	0.0	-2.379e+04	-9.002e+04	-4734.67	0.0	3.788e+05	7.201e+06
		0.0	0.0	4.87e-06	0.0	80.0	-2.379e+04	-9.002e+04	-4734.67	0.0	0.0	0.0
451	97	7.452e+06	2.996e+05	1.99e-05	0.0	0.0	-2.385e+04	-9.315e+04	-3744.38	0.0	2.996e+05	7.452e+06
		0.0	0.0	3.85e-06	0.0	80.0	-2.385e+04	-9.315e+04	-3744.38	0.0	0.0	0.0
451	124	3.112e+06	2.698e+05	8.30e-06	0.0	0.0	-1.107e+04	-3.890e+04	-3372.51	0.0	2.698e+05	3.112e+06
		0.0	0.0	3.47e-06	0.0	80.0	-1.107e+04	-3.890e+04	-3372.51	0.0	0.0	0.0
451	127	8.059e+06	4.302e+05	2.15e-05	0.0	0.0	-4.688e+04	-1.007e+05	-5377.53	0.0	4.302e+05	8.059e+06
		0.0	0.0	5.53e-06	0.0	80.0	-4.688e+04	-1.007e+05	-5377.53	0.0	0.0	0.0
451	210	5.927e+06	2.859e+05	1.58e-05	0.0	0.0	-3.478e+04	-7.409e+04	-3573.20	0.0	2.859e+05	5.927e+06
		0.0	0.0	3.67e-06	0.0	80.0	-3.478e+04	-7.409e+04	-3573.20	0.0	0.0	0.0
451	231	3.879e+06	2.178e+05	1.03e-05	0.0	0.0	-1.135e+04	-4.849e+04	-2722.65	0.0	2.178e+05	3.879e+06
		0.0	0.0	2.80e-06	0.0	80.0	-1.135e+04	-4.849e+04	-2722.65	0.0	0.0	0.0
451	255	4.065e+06	1.591e+05	1.08e-05	0.0	0.0	-1.139e+04	-5.081e+04	-1989.10	0.0	1.591e+05	4.065e+06
		0.0	0.0	2.05e-06	0.0	80.0	-1.139e+04	-5.081e+04	-1989.10	0.0	0.0	0.0
451	268	3.071e+06	2.170e+05	8.19e-06	0.0	0.0	-1.121e+04	-3.839e+04	-2712.43	0.0	2.170e+05	3.071e+06
		0.0	0.0	2.79e-06	0.0	80.0	-1.121e+04	-3.839e+04	-2712.43	0.0	0.0	0.0
451	270	5.933e+06	3.056e+05	1.58e-05	0.0	0.0	-3.472e+04	-7.416e+04	-3820.56	0.0	3.056e+05	5.933e+06
		0.0	0.0	3.93e-06	0.0	80.0	-3.472e+04	-7.416e+04	-3820.56	0.0	0.0	0.0
451	310	2.862e+06	1.778e+05	7.63e-06	0.0	0.0	-1.129e+04	-3.577e+04	-2222.09	0.0	1.778e+05	2.862e+06
		0.0	0.0	2.28e-06	0.0	80.0	-1.129e+04	-3.577e+04	-2222.09	0.0	0.0	0.0
451	311	4.484e+06	1.560e+05	1.20e-05	0.0	0.0	-2.672e+04	-5.605e+04	-1949.90	0.0	1.560e+05	4.484e+06
		0.0	0.0	2.00e-06	0.0	80.0	-2.672e+04	-5.605e+04	-1949.90	0.0	0.0	0.0
451	316	3.445e+06	1.231e+05	9.19e-06	0.0	0.0	-1.134e+04	-4.306e+04	-1539.21	0.0	1.231e+05	3.445e+06
		0.0	0.0	1.58e-06	0.0	80.0	-1.134e+04	-4.306e+04	-1539.21	0.0	0.0	0.0
451	322	3.584e+06	7.912e+04	9.56e-06	0.0	0.0	-1.137e+04	-4.480e+04	-989.05	0.0	7.912e+04	3.584e+06
		0.0	0.0	1.02e-06	0.0	80.0	-1.137e+04	-4.480e+04	-989.05	0.0	0.0	0.0
451	324	2.831e+06	9.779e+04	7.55e-06	0.0	0.0	-1.130e+04	-3.539e+04	-1222.36	0.0	9.779e+04	2.831e+06
		0.0	0.0	1.26e-06	0.0	80.0	-1.130e+04	-3.539e+04	-1222.36	0.0	0.0	0.0
451	326	1.184e+06	1.279e+05	3.16e-06	0.0	0.0	-8782.83	-1.481e+04	-1599.20	0.0	1.279e+05	1.184e+06
		0.0	0.0	1.64e-06	0.0	80.0	-8782.83	-1.481e+04	-1599.20	0.0	0.0	0.0
451	334	1.176e+06	1.558e+05	3.13e-06	0.0	0.0	-8774.11	-1.469e+04	-1947.27	0.0	1.558e+05	1.176e+06
		0.0	0.0	2.00e-06	0.0	80.0	-8774.11	-1.469e+04	-1947.27	0.0	0.0	0.0
451	335	4.487e+06	3.980e+04	1.20e-05	0.0	0.0	-1.383e+04	-5.608e+04	-497.44	0.0	3.980e+04	4.487e+06
		0.0	0.0	0.0	0.0	80.0	-1.383e+04	-5.608e+04	-497.44	0.0	0.0	0.0
451	336	4.590e+06	2.957e+05	1.22e-05	0.0	0.0	-1.360e+04	-5.737e+04	-3696.46	0.0	2.957e+05	4.590e+06
		0.0	0.0	3.80e-06	0.0	80.0	-1.360e+04	-5.737e+04	-3696.46	0.0	0.0	0.0
451	341	2.150e+06	0.0	5.73e-06	0.0	0.0	-1.097e+04	-2.688e+04	4476.15	0.0	-3.581e+05	2.150e+06
		0.0	-3.581e+05	-4.60e-06	0.0	80.0	-1.097e+04	-2.688e+04	4476.15	0.0	0.0	0.0
451	344	3.512e+06	5.537e+05	9.37e-06	0.0	0.0	-1.164e+04	-4.390e+04	-6920.86	0.0	5.537e+05	3.512e+06
		0.0	0.0	7.12e-06	0.0	80.0	-1.164e+04	-4.390e+04	-6920.86	0.0	0.0	0.0
451	362	2.000e+06	8.750e+04	5.33e-06	0.0	0.0	-1.006e+04	-2.500e+04	-1093.80	0.0	8.750e+04	2.000e+06
		0.0	0.0	1.12e-06	0.0	80.0	-1.006e+04	-2.500e+04	-1093.80	0.0	0.0	0.0
451	366	2.000e+06	1.185e+05	5.33e-06	0.0	0.0	-1.006e+04	-2.501e+04	-1481.56	0.0	1.185e+05	2.000e+06
		0.0	0.0	1.52e-06	0.0	80.0	-1.006e+04	-2.501e+04	-1481.56	0.0	0.0	0.0
451	367	3.662e+06	7.705e+04	9.76e-06	0.0	0.0	-1.255e+04	-4.577e+04	-963.15	0.0	7.705e+04	3.662e+06
		0.0	0.0	0.0	0.0	80.0	-1.255e+04	-4.577e+04	-963.15	0.0	0.0	0.0
451	368	3.708e+06	1.888e+05	9.89e-06	0.0	0.0	-1.252e+04	-4.636e+04	-2360.52	0.0	1.888e+05	3.708e+06
		0.0	0.0	2.43e-06	0.0	80.0	-1.252e+04	-4.636e+04	-2360.52	0.0	0.0	0.0
451	373	2.498e+06	0.0	6.66e-06	0.0	0.0	-1.098e+04	-3.123e+04	1290.58	0.0	-1.032e+05	2.498e+06
		0.0	-1.032e+05	-1.33e-06	0.0	80.0	-1.098e+04	-3.123e+04	1290.58	0.0	0.0	0.0
451	376	3.164e+06	2.988e+05	8.44e-06	0.0	0.0	-1.162e+04	-3.955e+04	-3735.30	0.0	2.988e+05	3.164e+06
		0.0	0.0	3.84e-06	0.0	80.0	-1.162e+04	-3.955e+04	-3735.30	0.0	0.0	0.0
452	25	7.558e+06	3.432e+05	2.02e-05	0.0	0.0	-2.695e+04	-9.447e+04	-4289.58	0.0	3.432e+05	7.558e+06
		0.0	0.0	4.41e-06	0.0	80.0	-2.695e+04	-9.447e+04	-4289.58	0.0	0.0	0.0
452	73	7.761e+06	3.608e+05	2.07e-05	0.0	0.0	-2.694e+04	-9.701e+04	-4510.31	0.0	3.608e+05	7.761e+06

		0.0	0.0	4.64e-06	0.0	80.0	-2.694e+04	-9.701e+04	-4510.31	0.0	0.0	0.0
452	115	6.114e+06	2.731e+05	1.63e-05	0.0	0.0	-2.435e+04	-7.642e+04	-3413.57	0.0	2.731e+05	6.114e+06
		0.0	0.0	3.51e-06	0.0	80.0	-2.435e+04	-7.642e+04	-3413.57	0.0	0.0	0.0
452	127	9.000e+06	1.998e+05	2.40e-05	0.0	0.0	-5.483e+04	-1.125e+05	-2497.52	0.0	1.998e+05	9.000e+06
		0.0	0.0	2.57e-06	0.0	80.0	-5.483e+04	-1.125e+05	-2497.52	0.0	0.0	0.0
452	182	3.213e+06	1.811e+05	8.57e-06	0.0	0.0	-1.162e+04	-4.016e+04	-2263.76	0.0	1.811e+05	3.213e+06
		0.0	0.0	2.33e-06	0.0	80.0	-1.162e+04	-4.016e+04	-2263.76	0.0	0.0	0.0
452	219	3.892e+06	2.162e+05	1.04e-05	0.0	0.0	-1.223e+04	-4.865e+04	-2702.63	0.0	2.162e+05	3.892e+06
		0.0	0.0	2.78e-06	0.0	80.0	-1.223e+04	-4.865e+04	-2702.63	0.0	0.0	0.0
452	264	3.757e+06	1.810e+05	1.00e-05	0.0	0.0	-1.464e+04	-4.696e+04	-2262.97	0.0	1.810e+05	3.757e+06
		0.0	0.0	2.33e-06	0.0	80.0	-1.464e+04	-4.696e+04	-2262.97	0.0	0.0	0.0
452	270	6.619e+06	1.400e+05	1.77e-05	0.0	0.0	-4.054e+04	-8.274e+04	-1750.59	0.0	1.400e+05	6.619e+06
		0.0	0.0	1.80e-06	0.0	80.0	-4.054e+04	-8.274e+04	-1750.59	0.0	0.0	0.0
452	282	3.760e+06	2.296e+05	1.00e-05	0.0	0.0	-1.234e+04	-4.700e+04	-2869.52	0.0	2.296e+05	3.760e+06
		0.0	0.0	2.95e-06	0.0	80.0	-1.234e+04	-4.700e+04	-2869.52	0.0	0.0	0.0
452	302	3.655e+06	1.890e+05	9.75e-06	0.0	0.0	-1.220e+04	-4.569e+04	-2362.34	0.0	1.890e+05	3.655e+06
		0.0	0.0	2.43e-06	0.0	80.0	-1.220e+04	-4.569e+04	-2362.34	0.0	0.0	0.0
452	311	4.842e+06	6.308e+04	1.29e-05	0.0	0.0	-3.073e+04	-6.052e+04	-788.47	0.0	6.308e+04	4.842e+06
		0.0	0.0	0.0	0.0	80.0	-3.073e+04	-6.052e+04	-788.47	0.0	0.0	0.0
452	313	3.400e+06	1.400e+05	9.07e-06	0.0	0.0	-1.225e+04	-4.250e+04	-1749.53	0.0	1.400e+05	3.400e+06
		0.0	0.0	1.80e-06	0.0	80.0	-1.225e+04	-4.250e+04	-1749.53	0.0	0.0	0.0
452	316	3.439e+06	1.432e+05	9.17e-06	0.0	0.0	-1.225e+04	-4.299e+04	-1789.87	0.0	1.432e+05	3.439e+06
		0.0	0.0	1.84e-06	0.0	80.0	-1.225e+04	-4.299e+04	-1789.87	0.0	0.0	0.0
452	319	3.513e+06	1.498e+05	9.37e-06	0.0	0.0	-1.225e+04	-4.391e+04	-1872.16	0.0	1.498e+05	3.513e+06
		0.0	0.0	1.92e-06	0.0	80.0	-1.225e+04	-4.391e+04	-1872.16	0.0	0.0	0.0
452	322	3.545e+06	1.293e+05	9.45e-06	0.0	0.0	-1.223e+04	-4.432e+04	-1616.72	0.0	1.293e+05	3.545e+06
		0.0	0.0	1.66e-06	0.0	80.0	-1.223e+04	-4.432e+04	-1616.72	0.0	0.0	0.0
452	324	2.819e+06	9.539e+04	7.52e-06	0.0	0.0	-1.229e+04	-3.524e+04	-1192.32	0.0	9.539e+04	2.819e+06
		0.0	0.0	1.23e-06	0.0	80.0	-1.229e+04	-3.524e+04	-1192.32	0.0	0.0	0.0
452	334	1.288e+06	1.057e+05	3.44e-06	0.0	0.0	-1.522e+04	-1.610e+04	-1321.55	0.0	1.057e+05	1.288e+06
		0.0	0.0	1.36e-06	0.0	80.0	-1.522e+04	-1.610e+04	-1321.55	0.0	0.0	0.0
452	335	4.350e+06	8.505e+04	1.16e-05	0.0	0.0	-9354.43	-5.438e+04	-1063.08	0.0	8.505e+04	4.350e+06
		0.0	0.0	1.09e-06	0.0	80.0	-9354.43	-5.438e+04	-1063.08	0.0	0.0	0.0
452	336	4.742e+06	2.605e+05	1.26e-05	0.0	0.0	-9939.75	-5.928e+04	-3256.14	0.0	2.605e+05	4.742e+06
		0.0	0.0	3.35e-06	0.0	80.0	-9939.75	-5.928e+04	-3256.14	0.0	0.0	0.0
452	341	1.653e+06	0.0	4.41e-06	0.0	0.0	-1.210e+04	-2.066e+04	2813.86	0.0	-2.251e+05	1.653e+06
		0.0	-2.251e+05	-2.89e-06	0.0	80.0	-1.210e+04	-2.066e+04	2813.86	0.0	0.0	0.0
452	344	3.986e+06	4.159e+05	1.06e-05	0.0	0.0	-1.248e+04	-4.982e+04	-5198.49	0.0	4.159e+05	3.986e+06
		0.0	0.0	5.34e-06	0.0	80.0	-1.248e+04	-4.982e+04	-5198.49	0.0	0.0	0.0
452	347	2.685e+06	0.0	7.16e-06	0.0	0.0	-1.052e+04	-3.356e+04	2172.60	0.0	-1.738e+05	2.685e+06
		0.0	-1.738e+05	-2.23e-06	0.0	80.0	-1.052e+04	-3.356e+04	2172.60	0.0	0.0	0.0
452	368	3.782e+06	1.752e+05	1.01e-05	0.0	0.0	-1.097e+04	-4.727e+04	-2190.02	0.0	1.752e+05	3.782e+06
		0.0	0.0	2.25e-06	0.0	80.0	-1.097e+04	-4.727e+04	-2190.02	0.0	0.0	0.0
452	370	2.037e+06	8.232e+04	5.43e-06	0.0	0.0	-1.369e+04	-2.546e+04	-1028.95	0.0	8.232e+04	2.037e+06
		0.0	0.0	1.06e-06	0.0	80.0	-1.369e+04	-2.546e+04	-1028.95	0.0	0.0	0.0
452	371	3.602e+06	1.085e+05	9.61e-06	0.0	0.0	-1.089e+04	-4.502e+04	-1355.68	0.0	1.085e+05	3.602e+06
		0.0	0.0	1.39e-06	0.0	80.0	-1.089e+04	-4.502e+04	-1355.68	0.0	0.0	0.0
452	373	2.233e+06	0.0	5.96e-06	0.0	0.0	-1.258e+04	-2.792e+04	694.37	0.0	-5.555e+04	2.233e+06
		0.0	-5.555e+04	0.0	0.0	80.0	-1.258e+04	-2.792e+04	694.37	0.0	0.0	0.0
452	376	3.405e+06	2.463e+05	9.08e-06	0.0	0.0	-1.200e+04	-4.257e+04	-3079.00	0.0	2.463e+05	3.405e+06
		0.0	0.0	3.17e-06	0.0	80.0	-1.200e+04	-4.257e+04	-3079.00	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
	-8.525e+06	-3.049e+07	-0.04	0.0	-3.791e+05	-1.125e+05	-6.370e+04	-6.320e+05
	9.000e+06	3.049e+07	0.05	0.0	-8640.86	1.066e+05	6.370e+04	6.320e+05

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	49	4.304e+06	5.822e+04	0.29	-745.88	0.0	2.077e+05	-2.380e+04	-719.28	1.142e+05	5.822e+04	4.304e+06
		2.891e+06	-8014.92	-5.04e-04	0.0	92.1	2.077e+05	-2.455e+04	-719.28	1.142e+05	-8014.92	2.891e+06
5	57	2.196e+06	4.058e+04	0.13	-745.88	0.0	1.210e+05	-6517.03	-527.84	2.047e+04	4.058e+04	2.196e+06
		1.795e+06	-8028.45	-3.55e-04	0.0	92.1	1.210e+05	-7262.91	-527.84	2.047e+04	-8028.45	1.795e+06
5	162	7.744e+05	2.798e+04	0.05	-552.50	0.0	4.412e+04	-3449.37	-331.21	-5857.73	2.798e+04	7.744e+05
		5.576e+05	-2520.59	2.36e-04	0.0	92.1	4.412e+04	-4001.87	-331.21	-5857.73	-2520.59	5.576e+05
5	178	7.617e+05	2.794e+04	0.05	-552.50	0.0	4.461e+04	-3461.96	-331.43	-5809.56	2.794e+04	7.617e+05
		5.441e+05	-2576.04	2.28e-04	0.0	92.1	4.461e+04	-4014.46	-331.43	-5809.56	-2576.04	5.441e+05
5	231	2.698e+06	4.767e+04	0.18	-552.50	0.0	1.259e+05	-1.522e+04	-558.82	5.775e+04	4.767e+04	2.698e+06
		1.793e+06	-3786.61	-3.67e-04	0.0	92.1	1.259e+05	-1.577e+04	-558.82	5.775e+04	-3786.61	1.793e+06
5	239	7.617e+05	3.378e+04	0.05	-552.50	0.0	4.546e+04	-3603.46	-398.94	-7208.58	3.378e+04	7.617e+05
		5.365e+05	-2959.37	2.88e-04	0.0	92.1	4.546e+04	-4155.96	-398.94	-7208.58	-2959.37	5.365e+05
5	243	7.063e+05	3.566e+04	0.05	-552.50	0.0	4.871e+04	-3551.85	-413.16	-8806.34	3.566e+04	7.063e+05
		4.825e+05	-2385.51	4.18e-04	0.0	92.1	4.871e+04	-4104.35	-413.16	-8806.34	-2385.51	4.825e+05
5	270	1.231e+06	3.101e+04	0.08	-552.50	0.0	7.534e+04	-5957.66	-444.85	1.947e+04	3.101e+04	1.231e+06
		8.660e+05	-5707.75	-2.09e-04	92.27	92.1	7.534e+04	-6510.16	-352.59	1.947e+04	-5707.75	8.660e+05
5	311	9.422e+05	3.187e+04	0.06	-552.50	0.0	5.845e+04	-4515.90	-385.67	3775.46	3.187e+04	9.422e+05
		6.642e+05	-3640.94	3.31e-04	0.0	92.1	5.845e+04	-5068.40	-385.67	3775.46	-3640.94	6.642e+05
5	316	2.215e+06	4.462e+04	0.15	-552.50	0.0	1.062e+05	-1.231e+04	-519.41	4.131e+04	4.462e+04	2.215e+06

		1.482e+06	-3213.09	3.42e-04	0.0	92.1	1.062e+05	-1.286e+04	-519.41	4.131e+04	-3213.09	1.482e+06
5	318	7.632e+05	3.419e+04	0.05	-552.50	0.0	4.585e+04	-3598.22	-399.50	-7406.18	3.419e+04	7.632e+05
		5.394e+05	-2592.66	4.12e-04	0.0	92.1	4.585e+04	-4150.72	-399.50	-7406.18	-2592.66	5.394e+05
5	319	7.217e+05	3.561e+04	0.05	-552.50	0.0	4.829e+04	-3559.51	-410.16	-8604.49	3.561e+04	7.217e+05
		4.989e+05	-2162.26	5.09e-04	0.0	92.1	4.829e+04	-4112.01	-410.16	-8604.49	-2162.26	4.989e+05
5	324	7.911e+05	3.319e+04	0.05	-552.50	0.0	4.621e+04	-3560.96	-390.70	-6434.07	3.319e+04	7.911e+05
		5.697e+05	-2784.21	3.98e-04	0.0	92.1	4.621e+04	-4113.46	-390.70	-6434.07	-2784.21	5.697e+05
5	337	6.480e+05	3.774e+04	0.04	-552.50	0.0	5.463e+04	-3135.93	-448.22	-8747.62	3.774e+04	6.480e+05
		4.634e+05	-3478.33	7.54e-04	0.0	92.1	5.463e+04	-3688.43	-448.22	-8747.62	-3478.33	4.634e+05
5	340	9.342e+05	2.865e+04	0.06	-552.50	0.0	3.780e+04	-3986.00	-333.17	-4120.53	2.865e+04	9.342e+05
		6.761e+05	-2090.09	-2.51e-04	0.0	92.1	3.780e+04	-4538.50	-333.17	-4120.53	-2090.09	6.761e+05
5	342	7.589e+05	3.029e+04	0.05	-552.50	0.0	4.668e+04	-3364.15	-377.07	-2948.97	3.029e+04	7.589e+05
		5.503e+05	-4746.13	-5.17e-04	0.0	92.1	4.668e+04	-3916.65	-377.07	-2948.97	-4746.13	5.503e+05
5	349	7.308e+05	3.955e+04	0.05	-552.50	0.0	5.206e+04	-3491.44	-453.77	-1.167e+04	3.955e+04	7.308e+05
		5.238e+05	-1992.33	1.80e-03	0.0	92.1	5.206e+04	-4043.94	-453.77	-1.167e+04	-1992.33	5.238e+05
5	365	7.169e+05	3.512e+04	0.05	-552.50	0.0	5.006e+04	-3350.32	-415.72	-7356.21	3.512e+04	7.169e+05
		5.125e+05	-2983.94	4.78e-04	0.0	92.1	5.006e+04	-3902.82	-415.72	-7356.21	-2983.94	5.125e+05
5	368	8.652e+05	3.127e+04	0.06	-552.50	0.0	4.237e+04	-3771.61	-365.67	-5511.93	3.127e+04	8.652e+05
		6.269e+05	-2584.49	3.17e-04	0.0	92.1	4.237e+04	-4324.11	-365.67	-5511.93	-2584.49	6.269e+05
5	369	7.177e+05	3.548e+04	0.05	-552.50	0.0	5.047e+04	-3344.60	-419.71	-7589.79	3.548e+04	7.177e+05
		5.151e+05	-3141.16	5.74e-04	0.0	92.1	5.047e+04	-3897.10	-419.71	-7589.79	-3141.16	5.151e+05
5	372	8.645e+05	3.091e+04	0.06	-552.50	0.0	4.196e+04	-3777.33	-361.68	-5278.35	3.091e+04	8.645e+05
		6.244e+05	-2427.27	2.21e-04	0.0	92.1	4.196e+04	-4329.83	-361.68	-5278.35	-2427.27	6.244e+05
5	374	7.819e+05	3.211e+04	0.05	-552.50	0.0	4.685e+04	-3443.64	-385.70	-4829.33	3.211e+04	7.819e+05
		5.700e+05	-4023.53	-2.81e-04	0.0	92.1	4.685e+04	-3996.14	-385.70	-4829.33	-4023.53	5.700e+05
5	381	7.604e+05	3.636e+04	0.05	-552.50	0.0	4.914e+04	-3524.90	-422.17	-9043.92	3.636e+04	7.604e+05
		5.464e+05	-2394.15	1.10e-03	0.0	92.1	4.914e+04	-4077.40	-422.17	-9043.92	-2394.15	5.464e+05
6	49	3.892e+06	-1.386e+04	0.27	-745.88	0.0	1.875e+05	-2.074e+04	1216.78	1.076e+05	-1.259e+05	3.892e+06
		2.653e+06	-1.259e+05	-1.22e-03	0.0	92.1	1.875e+05	-2.148e+04	1216.78	1.076e+05	-1.386e+04	2.653e+06
6	164	7.772e+05	-514.68	0.05	-552.50	0.0	4.366e+04	-3444.92	112.13	5140.66	-1.084e+04	7.772e+05
		5.547e+05	-1.084e+04	8.64e-05	0.0	92.1	4.366e+04	-3997.42	112.13	5140.66	-514.68	5.547e+05
6	178	7.598e+05	-521.75	0.05	-552.50	0.0	4.417e+04	-3447.70	110.20	4937.79	-1.067e+04	7.598e+05
		5.372e+05	-1.067e+04	9.39e-05	0.0	92.1	4.417e+04	-4000.20	110.20	4937.79	-521.75	5.372e+05
6	206	7.664e+05	137.97	0.05	-552.50	0.0	4.409e+04	-3455.64	111.63	5071.79	-1.014e+04	7.664e+05
		5.436e+05	-1.014e+04	1.34e-04	0.0	92.1	4.409e+04	-4008.14	111.63	5071.79	137.97	5.436e+05
6	231	2.506e+06	-7626.72	0.17	-552.50	0.0	1.165e+05	-1.378e+04	694.33	4.798e+04	-7.156e+04	2.506e+06
		1.676e+06	-7.156e+04	-6.66e-04	0.0	92.1	1.165e+05	-1.433e+04	694.33	4.798e+04	-7626.72	1.676e+06
6	239	7.643e+05	-350.47	0.05	-552.50	0.0	4.466e+04	-3685.03	112.96	5755.06	-1.075e+04	7.643e+05
		5.263e+05	-1.075e+04	9.91e-05	0.0	92.1	4.466e+04	-4237.53	112.96	5755.06	-350.47	5.263e+05
6	243	7.155e+05	285.24	0.05	-552.50	0.0	4.758e+04	-3624.01	114.58	4775.16	-1.027e+04	7.155e+05
		4.807e+05	-1.027e+04	1.40e-04	0.0	92.1	4.758e+04	-4176.51	114.58	4775.16	285.24	4.807e+05
6	300	7.094e+05	-361.18	0.04	-552.50	0.0	4.765e+04	-3611.87	92.81	4103.42	-8907.63	7.094e+05
		4.762e+05	-8907.63	2.00e-04	0.0	92.1	4.765e+04	-4164.37	92.81	4103.42	-361.18	4.762e+05
6	313	7.257e+05	48.56	0.05	-552.50	0.0	4.723e+04	-3614.60	96.43	4524.42	-8830.78	7.257e+05
		4.925e+05	-8830.78	2.38e-04	0.0	92.1	4.723e+04	-4167.10	96.43	4524.42	48.56	4.925e+05
6	316	2.072e+06	-5354.05	0.14	-552.50	0.0	9.882e+04	-1.123e+04	543.28	3.709e+04	-5.538e+04	2.072e+06
		1.392e+06	-5.538e+04	4.52e-04	0.0	92.1	9.882e+04	-1.178e+04	543.28	3.709e+04	-5354.05	1.392e+06
6	318	7.660e+05	103.13	0.05	-552.50	0.0	4.495e+04	-3663.57	107.25	5422.06	-9772.85	7.660e+05
		5.295e+05	-9772.85	1.46e-04	0.0	92.1	4.495e+04	-4216.07	107.25	5422.06	103.13	5.295e+05
6	319	7.294e+05	579.91	0.05	-552.50	0.0	4.714e+04	-3617.81	108.46	4687.13	-9407.75	7.294e+05
		4.954e+05	-9407.75	1.92e-04	0.0	92.1	4.714e+04	-4170.31	108.46	4687.13	579.91	4.954e+05
6	324	7.902e+05	-30.31	0.05	-552.50	0.0	4.529e+04	-3602.09	108.01	5906.01	-9975.97	7.902e+05
		5.576e+05	-9975.97	1.47e-04	0.0	92.1	4.529e+04	-4154.59	108.01	5906.01	-30.31	5.576e+05
6	337	6.529e+05	243.16	0.04	-552.50	0.0	5.278e+04	-4015.43	83.05	3969.91	-9068.49	6.529e+05
		4.547e+05	-9068.49	4.86e-04	0.0	92.1	5.278e+04	-4567.93	83.05	3969.91	243.16	4.547e+05
6	340	9.275e+05	-303.78	0.06	-552.50	0.0	3.779e+04	-3188.75	132.97	7842.10	-1.088e+04	9.275e+05
		6.604e+05	-1.088e+04	-2.92e-04	0.0	92.1	3.779e+04	-3741.25	132.97	7842.10	-303.78	6.604e+05
6	354	7.567e+05	-2037.52	0.05	-552.50	0.0	4.645e+04	-3759.32	147.21	8239.29	-1.600e+04	7.567e+05
		5.325e+05	-1.600e+04	-1.36e-03	0.0	92.1	4.645e+04	-4311.82	147.21	8239.29	-2037.52	5.325e+05
6	355	8.237e+05	1976.90	0.05	-552.50	0.0	4.412e+04	-3444.85	68.80	3572.72	-3951.04	8.237e+05
		5.827e+05	-3951.04	1.56e-03	0.0	92.1	4.412e+04	-3997.35	68.80	3572.72	1976.90	5.827e+05
6	365	7.194e+05	48.72	0.05	-552.50	0.0	4.896e+04	-3813.71	97.29	5016.32	-9784.90	7.194e+05
		5.043e+05	-9784.90	2.05e-04	0.0	92.1	4.896e+04	-4366.21	97.29	5016.32	48.72	5.043e+05
6	368	8.610e+05	-109.35	0.05	-552.50	0.0	4.161e+04	-3390.47	118.72	6795.70	-1.017e+04	8.610e+05
		6.109e+05	-1.017e+04	1.03e-04	0.0	92.1	4.161e+04	-3942.97	118.72	6795.70	-109.35	6.109e+05
6	369	7.197e+05	101.50	0.05	-552.50	0.0	4.908e+04	-3812.38	95.44	4920.54	-9534.86	7.197e+05
		5.047e+05	-9534.86	2.91e-04	0.0	92.1	4.908e+04	-4364.88	95.44	4920.54	101.50	5.047e+05
6	372	8.607e+05	-162.12	0.05	-552.50	0.0	4.149e+04	-3391.79	120.57	6891.47	-1.042e+04	8.607e+05
		6.105e+05	-1.042e+04	-9.57e-05	0.0	92.1	4.149e+04	-3944.29	120.57	6891.47	-162.12	6.105e+05
6	386	7.729e+05	-1029.24	0.05	-552.50	0.0	4.589e+04	-3681.62	127.45	7074.96	-1.297e+04	7.729e+05
		5.446e+05	-1.297e+04	-6.28e-04	0.0	92.1	4.589e+04	-4234.12	127.45	7074.96	-1029.24	5.446e+05
6	387	8.075e+05	968.62	0.05	-552.50	0.0	4.469e+04	-3522.55	88.57	4737.05	-6977.61	8.075e+05
		5.706e+05	-6977.61	8.23e-04	0.0	92.1	4.469e+04	-4075.05	88.57	4737.05	968.62	5.706e+05
7	49	3.613e+06	1.520e+04	0.24	-745.88	0.0	1.713e+05	-1.920e+04	-263.94	1.081e+05	1.520e+04	3.613e+06
		2.439e+06	-9100.85	-1.71e-03	0.0	92.1	1.713e+05	-1.995e+04	-263.94	1.081e+05	-9100.85	2.439e+06
7	50	3.309e+06	1.190e+04	0.22	-552.50	0.0	1.540e+05	-1.777e+04	-230.30	1.111e+05	1.190e+04	3.309e+06
		2.228e+06	-9304.99	-1.65e-03	0.0	92.1	1.540e+05	-1.832e+04	-230.30	1.111e+05	-9304.99	2.228e+06

7	61	1.527e+06	1.971e+04	0.09	-745.88	0.0	8.261e+04	-4917.81	-237.55	-8112.11	1.971e+04	1.527e+06
		1.210e+06	-2164.54	-4.53e-04	0.0	92.1	8.261e+04	-5663.69	-237.55	-8112.11	-2164.54	1.210e+06
7	126	7.755e+05	7705.68	0.05	-552.50	0.0	4.369e+04	-3439.73	-94.70	-3689.49	7705.68	7.755e+05
		5.541e+05	-1015.04	-3.27e-04	0.0	92.1	4.369e+04	-3992.23	-94.70	-3689.49	-1015.04	5.541e+05
7	140	7.583e+05	7810.33	0.05	-552.50	0.0	4.418e+04	-3441.38	-95.27	-3800.80	7810.33	7.583e+05
		5.367e+05	-962.55	-3.01e-04	0.0	92.1	4.418e+04	-3993.88	-95.27	-3800.80	-962.55	5.367e+05
7	231	2.377e+06	1.810e+04	0.16	-552.50	0.0	1.099e+05	-1.274e+04	-228.09	5.296e+04	1.810e+04	2.377e+06
		1.599e+06	-2898.11	-1.06e-03	0.0	92.1	1.099e+05	-1.329e+04	-228.09	5.296e+04	-2898.11	1.599e+06
7	235	1.079e+06	2.027e+04	0.06	-552.50	0.0	5.753e+04	-2853.02	-218.90	-2.065e+04	2.027e+04	1.079e+06
		8.920e+05	113.43	-3.26e-04	0.0	92.1	5.753e+04	-3405.52	-218.90	-2.065e+04	113.43	8.920e+05
7	239	7.658e+05	9151.81	0.05	-552.50	0.0	4.467e+04	-3654.45	-100.47	-5913.21	9151.81	7.658e+05
		5.303e+05	-100.03	-2.30e-04	0.0	92.1	4.467e+04	-4206.95	-100.47	-5913.21	-100.03	5.303e+05
7	270	1.034e+06	1569.82	0.07	-552.50	0.0	6.354e+04	-5064.28	-63.34	2.229e+04	1569.82	1.034e+06
		7.116e+05	-4262.36	-4.50e-04	0.0	92.1	6.354e+04	-5616.78	-63.34	2.229e+04	-4262.36	7.116e+05
7	281	7.100e+05	9535.56	0.04	-552.50	0.0	4.743e+04	-3597.05	-105.16	-6356.25	9535.56	7.100e+05
		4.775e+05	-147.75	-1.27e-04	0.0	92.1	4.743e+04	-4149.55	-105.16	-6356.25	-147.75	4.775e+05
7	313	7.270e+05	1.086e+04	0.05	-552.50	0.0	4.705e+04	-3606.06	-114.36	-6936.42	1.086e+04	7.270e+05
		4.937e+05	331.22	-9.21e-05	0.0	92.1	4.705e+04	-4158.56	-114.36	-6936.42	331.22	4.937e+05
7	316	1.976e+06	1.685e+04	0.13	-552.50	0.0	9.386e+04	-1.046e+04	-202.26	3.789e+04	1.685e+04	1.976e+06
		1.334e+06	-1778.09	-7.23e-04	0.0	92.1	9.386e+04	-1.101e+04	-202.26	3.789e+04	-1778.09	1.334e+06
7	317	1.003e+06	1.847e+04	0.06	-552.50	0.0	5.458e+04	-3042.15	-195.37	-1.732e+04	1.847e+04	1.003e+06
		8.041e+05	480.56	-2.40e-04	0.0	92.1	5.458e+04	-3594.65	-195.37	-1.732e+04	480.56	8.041e+05
7	318	7.679e+05	1.013e+04	0.05	-552.50	0.0	4.495e+04	-3643.22	-106.55	-6263.04	1.013e+04	7.679e+05
		5.329e+05	320.47	-1.51e-04	0.0	92.1	4.495e+04	-4195.72	-106.55	-6263.04	320.47	5.329e+05
7	324	7.902e+05	9975.97	0.05	-552.50	0.0	4.529e+04	-3602.09	-108.01	-5906.01	9975.97	7.902e+05
		5.576e+05	30.31	-1.47e-04	0.0	92.1	4.529e+04	-4154.59	-108.01	-5906.01	30.31	5.576e+05
7	330	6.529e+05	9068.49	0.04	-552.50	0.0	5.278e+04	-4015.43	-83.05	-3969.91	9068.49	6.529e+05
		4.547e+05	-243.16	-4.86e-04	0.0	92.1	5.278e+04	-4567.93	-83.05	-3969.91	-243.16	4.547e+05
7	331	9.275e+05	1.088e+04	0.06	-552.50	0.0	3.779e+04	-3188.75	-132.97	-7842.10	1.088e+04	9.275e+05
		6.604e+05	303.78	2.92e-04	0.0	92.1	3.779e+04	-3741.25	-132.97	-7842.10	303.78	6.604e+05
7	349	7.567e+05	1.600e+04	0.05	-552.50	0.0	4.645e+04	-3759.32	-147.21	-8239.29	1.600e+04	7.567e+05
		5.325e+05	2037.53	1.36e-03	0.0	92.1	4.645e+04	-4311.82	-147.21	-8239.29	2037.53	5.325e+05
7	352	8.237e+05	3951.04	0.05	-552.50	0.0	4.412e+04	-3444.85	-68.80	-3572.72	3951.04	8.237e+05
		5.827e+05	-1976.91	-1.56e-03	0.0	92.1	4.412e+04	-3997.35	-68.80	-3572.72	-1976.91	5.827e+05
7	358	7.194e+05	9784.90	0.05	-552.50	0.0	4.896e+04	-3813.71	-97.29	-5016.32	9784.90	7.194e+05
		5.043e+05	-48.72	-2.05e-04	0.0	92.1	4.896e+04	-4366.21	-97.29	-5016.32	-48.72	5.043e+05
7	359	8.610e+05	1.017e+04	0.05	-552.50	0.0	4.161e+04	-3390.47	-118.72	-6795.70	1.017e+04	8.610e+05
		6.109e+05	109.34	-1.03e-04	0.0	92.1	4.161e+04	-3942.97	-118.72	-6795.70	109.34	6.109e+05
7	362	7.197e+05	9534.86	0.05	-552.50	0.0	4.908e+04	-3812.38	-95.44	-4920.54	9534.86	7.197e+05
		5.047e+05	-101.50	-2.91e-04	0.0	92.1	4.908e+04	-4364.88	-95.44	-4920.54	-101.50	5.047e+05
7	363	8.607e+05	1.042e+04	0.05	-552.50	0.0	4.149e+04	-3391.79	-120.57	-6891.47	1.042e+04	8.607e+05
		6.105e+05	162.12	9.57e-05	0.0	92.1	4.149e+04	-3944.29	-120.57	-6891.47	162.12	6.105e+05
7	381	7.729e+05	1.297e+04	0.05	-552.50	0.0	4.589e+04	-3681.62	-127.45	-7074.96	1.297e+04	7.729e+05
		5.446e+05	1029.24	6.28e-04	0.0	92.1	4.589e+04	-4234.12	-127.45	-7074.96	1029.24	5.446e+05
7	384	8.075e+05	6977.61	0.05	-552.50	0.0	4.469e+04	-3522.55	-88.57	-4737.05	6977.61	8.075e+05
		5.706e+05	-968.62	-8.23e-04	0.0	92.1	4.469e+04	-4075.05	-88.57	-4737.05	-968.62	5.706e+05
8	49	3.314e+06	-7180.83	0.22	-745.88	0.0	1.575e+05	-1.779e+04	1525.71	1.067e+05	-1.477e+05	3.314e+06
		2.259e+06	-1.477e+05	-3.13e-03	0.0	92.1	1.575e+05	-1.853e+04	1525.71	1.067e+05	-7180.83	2.259e+06
8	124	7.691e+05	1203.66	0.05	-552.50	0.0	4.448e+04	-3473.85	338.43	7204.66	-2.996e+04	7.691e+05
		5.541e+05	-2.996e+04	-6.21e-04	0.0	92.1	4.448e+04	-4026.35	338.43	7204.66	1203.66	5.541e+05
8	140	7.570e+05	1288.88	0.05	-552.50	0.0	4.490e+04	-3481.96	337.15	6821.89	-2.976e+04	7.570e+05
		5.410e+05	-2.976e+04	-5.63e-04	0.0	92.1	4.490e+04	-4034.46	337.15	6821.89	1288.88	5.410e+05
8	181	1.074e+06	4259.52	0.07	-745.88	0.0	6.311e+04	-4849.16	739.25	1.132e+04	-5.319e+04	1.074e+06
		7.736e+05	-5.319e+04	-6.75e-04	-230.67	92.1	6.311e+04	-5595.04	508.58	1.132e+04	4259.52	7.736e+05
8	231	2.257e+06	-3285.35	0.15	-552.50	0.0	1.054e+05	-1.215e+04	921.94	4.672e+04	-8.818e+04	2.257e+06
		1.535e+06	-8.818e+04	-1.95e-03	0.0	92.1	1.054e+05	-1.271e+04	921.94	4.672e+04	-3285.35	1.535e+06
8	239	7.678e+05	2616.58	0.05	-552.50	0.0	4.565e+04	-3594.06	394.21	6498.29	-3.368e+04	7.678e+05
		5.460e+05	-3.368e+04	-5.27e-04	0.0	92.1	4.565e+04	-4146.56	394.21	6498.29	2616.58	5.460e+05
8	243	7.282e+05	3365.87	0.05	-552.50	0.0	4.742e+04	-3545.93	396.41	6006.72	-3.314e+04	7.282e+05
		5.103e+05	-3.314e+04	-3.90e-04	0.0	92.1	4.742e+04	-4098.43	396.41	6006.72	3365.87	5.103e+05
8	281	7.075e+05	2570.23	0.05	-552.50	0.0	4.797e+04	-3521.77	404.60	6636.28	-3.469e+04	7.075e+05
		4.882e+05	-3.469e+04	-3.81e-04	0.0	92.1	4.797e+04	-4074.27	404.60	6636.28	2570.23	4.882e+05
8	313	7.271e+05	2995.76	0.05	-552.50	0.0	4.761e+04	-3534.27	397.62	6000.04	-3.362e+04	7.271e+05
		5.060e+05	-3.362e+04	-2.64e-04	0.0	92.1	4.761e+04	-4086.77	397.62	6000.04	2995.76	5.060e+05
8	316	1.888e+06	-1435.33	0.13	-552.50	0.0	9.063e+04	-9998.15	788.15	3.637e+04	-7.401e+04	1.888e+06
		1.290e+06	-7.401e+04	-1.47e-03	0.0	92.1	9.063e+04	-1.055e+04	788.15	3.637e+04	-1435.33	1.290e+06
8	318	7.704e+05	2991.12	0.05	-552.50	0.0	4.581e+04	-3578.99	392.36	6202.97	-3.314e+04	7.704e+05
		5.483e+05	-3.314e+04	-3.99e-04	0.0	92.1	4.581e+04	-4131.49	392.36	6202.97	2991.12	5.483e+05
8	319	7.407e+05	3553.08	0.05	-552.50	0.0	4.714e+04	-3542.89	394.01	5834.30	-3.273e+04	7.407e+05
		5.216e+05	-3.273e+04	-2.97e-04	0.0	92.1	4.714e+04	-4095.39	394.01	5834.30	3553.08	5.216e+05
8	324	7.911e+05	2784.21	0.05	-552.50	0.0	4.621e+04	-3560.96	390.70	6434.07	-3.319e+04	7.911e+05
		5.697e+05	-3.319e+04	-3.98e-04	0.0	92.1	4.621e+04	-4113.46	390.70	6434.07	2784.21	5.697e+05
8	330	6.480e+05	3478.33	0.04	-552.50	0.0	5.463e+04	-3135.93	448.22	8747.62	-3.774e+04	6.480e+05
		4.634e+05	-3.774e+04	-7.54e-04	0.0	92.1	5.463e+04	-3688.43	448.22	8747.62	3478.33	4.634e+05
8	331	9.342e+05	2090.09	0.06	-552.50	0.0	3.780e+04	-3986.00	333.17	4120.52	-2.865e+04	9.342e+05
		6.761e+05	-2.865e+04	2.51e-04	0.0	92.1	3.780e+04	-4538.50	333.17	4120.52	2090.09	6.761e+05
8	345	7.591e+05	4495.87	0.05	-552.50	0.0	4.640e+04	-3347.83	367.59	2962.71	-2.963e+04	7.591e+05

		5.516e+05-2.963e+04	5.25e-04	0.0	92.1	4.640e+04	-3900.33	367.59	2962.71	4495.87	5.516e+05
8	354	7.308e+05	1992.33	0.05	-552.50	0.0	5.206e+04	-3491.44	453.77	1.167e+04-3.955e+04	7.308e+05
		5.238e+05-3.955e+04	-1.80e-03	0.0	92.1	5.206e+04	-4043.94	453.77	1.167e+04	1992.33	5.238e+05
8	358	7.169e+05	2983.94	0.05	-552.50	0.0	5.006e+04	-3350.32	415.72	7356.22-3.512e+04	7.169e+05
		5.125e+05-3.512e+04	-4.78e-04	0.0	92.1	5.006e+04	-3902.82	415.72	7356.22	2983.94	5.125e+05
8	359	8.652e+05	2584.48	0.06	-552.50	0.0	4.237e+04	-3771.61	365.67	5511.93-3.127e+04	8.652e+05
		6.269e+05-3.127e+04	-3.17e-04	0.0	92.1	4.237e+04	-4324.11	365.67	5511.93	2584.48	6.269e+05
8	362	7.177e+05	3141.16	0.05	-552.50	0.0	5.047e+04	-3344.60	419.71	7589.80-3.548e+04	7.177e+05
		5.151e+05-3.548e+04	-5.74e-04	0.0	92.1	5.047e+04	-3897.10	419.71	7589.80	3141.16	5.151e+05
8	363	8.645e+05	2427.27	0.06	-552.50	0.0	4.196e+04	-3777.33	361.68	5278.35-3.091e+04	8.645e+05
		6.244e+05-3.091e+04	-2.21e-04	0.0	92.1	4.196e+04	-4329.83	361.68	5278.35	2427.27	6.244e+05
8	377	7.819e+05	4023.53	0.05	-552.50	0.0	4.685e+04	-3443.64	385.70	4829.33-3.211e+04	7.819e+05
		5.700e+05-3.211e+04	2.81e-04	0.0	92.1	4.685e+04	-3996.14	385.70	4829.33	4023.53	5.700e+05
8	386	7.604e+05	2394.15	0.05	-552.50	0.0	4.914e+04	-3524.90	422.17	9043.93-3.636e+04	7.604e+05
		5.464e+05-3.636e+04	-1.10e-03	0.0	92.1	4.914e+04	-4077.40	422.17	9043.93	2394.15	5.464e+05
9	73	3.311e+06	-7181.33	0.22	-745.88	0.0	1.576e+05-1.779e+04	1526.28	1.068e+05-1.477e+05	3.311e+06	
		2.255e+06-1.477e+05	-3.13e-03	0.0	92.1	1.576e+05-1.853e+04	1526.28	1.068e+05	-7181.33	2.255e+06	
9	124	7.604e+05	1236.50	0.05	-552.50	0.0	4.467e+04	-3470.45	339.36	7141.50-3.001e+04	7.604e+05
		5.454e+05-3.001e+04	-6.12e-04	0.0	92.1	4.467e+04	-4022.95	339.36	7141.50	1236.50	5.454e+05
9	140	7.502e+05	1298.03	0.05	-552.50	0.0	4.508e+04	-3481.64	338.57	6939.93-2.988e+04	7.502e+05
		5.342e+05-2.988e+04	-5.80e-04	0.0	92.1	4.508e+04	-4034.14	338.57	6939.93	1298.03	5.342e+05
9	181	1.066e+06	4265.25	0.07	-745.88	0.0	6.331e+04	-4848.89	740.87	1.147e+04-5.334e+04	1.066e+06
		7.662e+05-5.334e+04	-6.89e-04	-230.67	92.1	6.331e+04	-5594.77	510.20	1.147e+04	4265.25	7.662e+05
9	243	2.256e+06	-3280.02	0.15	-552.50	0.0	1.055e+05-1.215e+04	922.01	4.669e+04-8.818e+04	2.256e+06	
		1.534e+06-8.818e+04	-1.95e-03	0.0	92.1	1.055e+05-1.270e+04	922.01	4.669e+04	-3280.02	1.534e+06	
9	251	7.297e+05	3422.90	0.05	-552.50	0.0	4.734e+04	-3544.32	395.46	5822.48-3.299e+04	7.297e+05
		5.120e+05-3.299e+04	-3.78e-04	0.0	92.1	4.734e+04	-4096.82	395.46	5822.48	3422.90	5.120e+05
9	268	7.853e+05	2274.94	0.05	-552.50	0.0	4.617e+04	-3546.64	398.24	7445.30-3.440e+04	7.853e+05
		5.663e+05-3.440e+04	-5.76e-04	0.0	92.1	4.617e+04	-4099.14	398.24	7445.30	2274.94	5.663e+05
9	281	7.117e+05	2368.80	0.05	-552.50	0.0	4.814e+04	-3545.50	411.05	8336.14-3.548e+04	7.117e+05
		4.925e+05-3.548e+04	-5.58e-04	0.0	92.1	4.814e+04	-4098.00	411.05	8336.14	2368.80	4.925e+05
9	309	7.911e+05	2784.19	0.05	-552.50	0.0	4.621e+04	-3560.97	390.70	6434.02-3.319e+04	7.911e+05
		5.697e+05-3.319e+04	-3.98e-04	0.0	92.1	4.621e+04	-4113.47	390.70	6434.02	2784.19	5.697e+05
9	316	7.338e+05	3008.08	0.05	-552.50	0.0	4.743e+04	-3533.93	395.76	5775.95-3.343e+04	7.338e+05
		5.127e+05-3.343e+04	-2.68e-04	0.0	92.1	4.743e+04	-4086.43	395.76	5775.95	3008.08	5.127e+05
9	319	1.891e+06	-1444.96	0.13	-552.50	0.0	9.057e+04	-9999.00	787.65	3.636e+04-7.397e+04	1.891e+06
		1.293e+06-7.397e+04	-1.47e-03	0.0	92.1	9.057e+04-1.055e+04	787.65	3.636e+04	-1444.96	1.293e+06	
9	321	7.462e+05	3582.23	0.05	-552.50	0.0	4.698e+04	-3543.13	392.74	5705.79-3.258e+04	7.462e+05
		5.271e+05-3.258e+04	-2.91e-04	0.0	92.1	4.698e+04	-4095.63	392.74	5705.79	3582.23	5.271e+05
9	324	7.911e+05	2784.19	0.05	-552.50	0.0	4.621e+04	-3560.97	390.70	6434.02-3.319e+04	7.911e+05
		5.697e+05-3.319e+04	-3.98e-04	0.0	92.1	4.621e+04	-4113.47	390.70	6434.02	2784.19	5.697e+05
9	342	8.240e+05	572.65	0.05	-552.50	0.0	4.351e+04	-3748.41	418.79	1.257e+04-3.740e+04	8.240e+05
		6.052e+05-3.740e+04	-1.14e-03	0.0	92.1	4.351e+04	-4300.91	418.79	1.257e+04	572.65	6.052e+05
9	343	7.582e+05	4995.73	0.05	-552.50	0.0	4.892e+04	-3373.52	362.60	301.04-2.899e+04	7.582e+05
		5.342e+05-2.899e+04	4.08e-04	0.0	92.1	4.892e+04	-3926.02	362.60	301.04	4995.73	5.342e+05
9	344	8.101e+05	678.04	0.05	-552.50	0.0	4.383e+04	-3734.22	422.93	1.289e+04-3.771e+04	8.101e+05
		5.910e+05-3.771e+04	-1.17e-03	0.0	92.1	4.383e+04	-4286.72	422.93	1.289e+04	678.04	5.910e+05
9	360	7.775e+05	2682.26	0.05	-552.50	0.0	4.664e+04	-3562.96	398.75	7419.60-3.393e+04	7.775e+05
		5.549e+05-3.393e+04	-5.17e-04	0.0	92.1	4.664e+04	-4115.46	398.75	7419.60	2682.26	5.549e+05
9	361	8.051e+05	2855.65	0.05	-552.50	0.0	4.583e+04	-3563.27	383.71	5687.07-3.246e+04	8.051e+05
		5.837e+05-3.246e+04	-2.30e-04	0.0	92.1	4.583e+04	-4115.77	383.71	5687.07	2855.65	5.837e+05
9	373	8.014e+05	3387.41	0.05	-552.50	0.0	4.558e+04	-3518.94	374.22	3966.06-3.151e+04	8.014e+05
		5.832e+05-3.151e+04	2.55e-04	0.0	92.1	4.558e+04	-4071.44	374.22	3966.06	3387.41	5.832e+05
9	375	7.945e+05	3439.52	0.05	-552.50	0.0	4.574e+04	-3511.94	376.28	4127.73-3.166e+04	7.945e+05
		5.761e+05-3.166e+04	2.51e-04	0.0	92.1	4.574e+04	-4064.44	376.28	4127.73	3439.52	5.761e+05
9	376	7.808e+05	2180.96	0.05	-552.50	0.0	4.685e+04	-3602.99	407.17	8901.98-3.488e+04	7.808e+05
		5.562e+05-3.488e+04	-7.20e-04	0.0	92.1	4.685e+04	-4155.49	407.17	8901.98	2180.96	5.562e+05
10	73	3.610e+06	1.520e+04	0.24	-745.88	0.0	1.713e+05-1.920e+04	-263.90	1.081e+05	1.520e+04	3.610e+06
		2.436e+06	-9099.43	-1.71e-03	0.0	92.1	1.713e+05-1.995e+04	-263.90	1.081e+05	-9099.43	2.436e+06
10	74	3.306e+06	1.190e+04	0.22	-552.50	0.0	1.541e+05-1.777e+04	-230.26	1.111e+05	1.190e+04	3.306e+06
		2.225e+06	-9303.56	-1.65e-03	0.0	92.1	1.541e+05-1.833e+04	-230.26	1.111e+05	-9303.56	2.225e+06
10	79	1.513e+06	1.976e+04	0.09	-745.88	0.0	8.300e+04	-4919.28	-237.66	-8169.14	1.976e+04
		1.196e+06	-2125.64	-4.46e-04	0.0	92.1	8.300e+04	-5665.15	-237.66	-8169.14	1.196e+06
10	124	7.628e+05	7227.20	0.05	-552.50	0.0	4.396e+04	-3432.80	-89.65	-3371.75	7227.20
		5.417e+05	-1027.93	-3.54e-04	0.0	92.1	4.396e+04	-3985.30	-89.65	-3371.75	-1027.93
10	140	7.517e+05	7761.38	0.05	-552.50	0.0	4.437e+04	-3442.34	-94.63	-3753.01	7761.38
		5.300e+05	-952.37	-3.17e-04	0.0	92.1	4.437e+04	-3994.84	-94.63	-3753.01	-952.37
10	231	7.137e+05	1.032e+04	0.05	-552.50	0.0	4.739e+04	-3603.83	-112.55	-7075.04	1.032e+04
		4.807e+05	-42.17	-1.18e-04	0.0	92.1	4.739e+04	-4156.33	-112.55	-7075.04	-42.17
10	243	2.375e+06	1.814e+04	0.16	-552.50	0.0	1.099e+05-1.274e+04	-228.40	5.292e+04	1.814e+04	2.375e+06
		1.597e+06	-2889.70	-1.06e-03	0.0	92.1	1.099e+05-1.329e+04	-228.40	5.292e+04	-2889.70	1.597e+06
10	247	1.071e+06	2.032e+04	0.06	-552.50	0.0	5.775e+04	-2853.77	-219.14	-2.071e+04	2.032e+04
		8.840e+05	140.59	-3.24e-04	0.0	92.1	5.775e+04	-3406.27	-219.14	-2.071e+04	140.59
10	268	7.878e+05	8037.65	0.05	-552.50	0.0	4.520e+04	-3586.87	-93.38	-4774.43	8037.65
		5.563e+05	-560.81	-2.84e-04	0.0	92.1	4.520e+04	-4139.37	-93.38	-4774.43	-560.81
10	270	1.020e+06	1546.26	0.07	-552.50	0.0	6.393e+04	-5066.54	-63.37	2.235e+04	1546.26
		6.981e+05	-4288.87	-4.71e-04	0.0	92.1	6.393e+04	-5619.04	-63.37	2.235e+04	-4288.87

10	309	7.902e+05	9975.99	0.05	-552.50	0.0	4.529e+04	-3602.09	-108.01	-5906.01	9975.99	7.902e+05
		5.576e+05	30.31	-1.47e-04	0.0	92.1	4.529e+04	-4154.59	-108.01	-5906.01	30.31	5.576e+05
10	316	7.332e+05	1.097e+04	0.05	-552.50	0.0	4.686e+04	-3604.91	-115.37	-7083.17	1.097e+04	7.332e+05
		5.000e+05	345.34	-9.51e-05	0.0	92.1	4.686e+04	-4157.41	-115.37	-7083.17	345.34	5.000e+05
10	319	1.979e+06	1.683e+04	0.13	-552.50	0.0	9.378e+04	-1.046e+04	-202.25	3.791e+04	1.683e+04	1.979e+06
		1.337e+06	-1790.31	-7.24e-04	0.0	92.1	9.378e+04	-1.101e+04	-202.25	3.791e+04	-1790.31	1.337e+06
10	320	1.001e+06	1.847e+04	0.06	-552.50	0.0	5.463e+04	-3042.36	-195.31	-1.731e+04	1.847e+04	1.001e+06
		8.025e+05	482.41	-2.40e-04	0.0	92.1	5.463e+04	-3594.86	-195.31	-1.731e+04	482.41	8.025e+05
10	324	7.902e+05	9975.99	0.05	-552.50	0.0	4.529e+04	-3602.09	-108.01	-5906.01	9975.99	7.902e+05
		5.576e+05	30.31	-1.47e-04	0.0	92.1	4.529e+04	-4154.59	-108.01	-5906.01	30.31	5.576e+05
10	326	8.145e+05	8865.04	0.05	-552.50	0.0	4.446e+04	-3603.04	-101.68	-3737.09	8865.04	8.145e+05
		5.822e+05	-818.35	-3.19e-04	0.0	92.1	4.446e+04	-4155.54	-101.68	-3737.09	-818.35	5.822e+05
10	327	7.659e+05	1.109e+04	0.05	-552.50	0.0	4.611e+04	-3601.13	-114.34	-8074.92	1.109e+04	7.659e+05
		5.329e+05	878.97	1.24e-04	0.0	92.1	4.611e+04	-4153.63	-114.34	-8074.92	878.97	5.329e+05
10	341	7.889e+05	1.544e+04	0.05	-552.50	0.0	4.600e+04	-3652.65	-156.69	-1.183e+04	1.544e+04	7.889e+05
		5.561e+05	2065.43	7.09e-04	0.0	92.1	4.600e+04	-4205.15	-156.69	-1.183e+04	2065.43	5.561e+05
10	342	8.047e+05	4803.83	0.05	-552.50	0.0	4.423e+04	-3560.39	-63.88	232.29	4803.83	8.047e+05
		5.724e+05	-2135.88	-8.93e-04	0.0	92.1	4.423e+04	-4112.89	-63.88	232.29	-2135.88	5.724e+05
10	343	7.757e+05	1.515e+04	0.05	-552.50	0.0	4.634e+04	-3643.78	-152.14	-1.204e+04	1.515e+04	7.757e+05
		5.427e+05	2196.51	6.98e-04	0.0	92.1	4.634e+04	-4196.28	-152.14	-1.204e+04	2196.51	5.427e+05
10	357	8.020e+05	1.085e+04	0.05	-552.50	0.0	4.504e+04	-3613.10	-117.09	-6135.51	1.085e+04	8.020e+05
		5.694e+05	81.18	-1.04e-04	0.0	92.1	4.504e+04	-4165.60	-117.09	-6135.51	81.18	5.694e+05
10	358	8.003e+05	9586.71	0.05	-552.50	0.0	4.497e+04	-3605.66	-106.50	-5321.15	9586.71	8.003e+05
		5.680e+05	-239.01	-1.97e-04	0.0	92.1	4.497e+04	-4158.16	-106.50	-5321.15	-239.01	5.680e+05
10	359	7.801e+05	1.037e+04	0.05	-552.50	0.0	4.560e+04	-3598.51	-109.51	-6490.86	1.037e+04	7.801e+05
		5.472e+05	299.64	-1.09e-04	0.0	92.1	4.560e+04	-4151.01	-109.51	-6490.86	299.64	5.472e+05
10	364	7.785e+05	9145.89	0.05	-552.50	0.0	4.554e+04	-3591.25	-99.71	-5762.75	9145.89	7.785e+05
		5.456e+05	-56.17	-2.54e-04	0.0	92.1	4.554e+04	-4143.75	-99.71	-5762.75	-56.17	5.456e+05
10	373	7.962e+05	1.215e+04	0.05	-552.50	0.0	4.532e+04	-3616.67	-126.80	-7209.97	1.215e+04	7.962e+05
		5.633e+05	531.19	2.38e-04	0.0	92.1	4.532e+04	-4169.17	-126.80	-7209.97	531.19	5.633e+05
10	382	7.909e+05	8086.80	0.05	-552.50	0.0	4.513e+04	-3592.46	-94.13	-4782.95	8086.80	7.909e+05
		5.579e+05	-654.82	-5.84e-04	0.0	92.1	4.513e+04	-4144.96	-94.13	-4782.95	-654.82	5.579e+05
11	73	3.888e+06	-1.387e+04	0.27	-745.88	0.0	1.876e+05	-2.074e+04	1216.89	1.077e+05	-1.259e+05	3.888e+06
		2.649e+06	-1.259e+05	-1.22e-03	0.0	92.1	1.876e+05	-2.148e+04	1216.89	1.077e+05	-1.387e+04	2.649e+06
11	162	7.643e+05	-457.18	0.05	-552.50	0.0	4.395e+04	-3438.85	105.45	4573.59	-1.017e+04	7.643e+05
		5.422e+05	-1.017e+04	9.47e-05	0.0	92.1	4.395e+04	-3991.35	105.45	4573.59	-457.18	5.422e+05
11	178	7.532e+05	-542.22	0.05	-552.50	0.0	4.436e+04	-3448.22	110.72	5004.47	-1.074e+04	7.532e+05
		5.306e+05	-1.074e+04	8.73e-05	0.0	92.1	4.436e+04	-4000.72	110.72	5004.47	-542.22	5.306e+05
11	206	7.664e+05	137.97	0.05	-552.50	0.0	4.409e+04	-3455.64	111.63	5071.80	-1.014e+04	7.664e+05
		5.436e+05	-1.014e+04	1.34e-04	0.0	92.1	4.409e+04	-4008.14	111.63	5071.80	137.97	5.436e+05
11	231	7.127e+05	-369.02	0.04	-552.50	0.0	4.765e+04	-3620.33	97.29	4320.32	-9327.53	7.127e+05
		4.790e+05	-9327.53	1.77e-04	0.0	92.1	4.765e+04	-4172.83	97.29	4320.32	-369.02	4.790e+05
11	243	2.504e+06	-7622.06	0.17	-552.50	0.0	1.165e+05	-1.378e+04	694.13	4.794e+04	-7.154e+04	2.504e+06
		1.674e+06	-7.154e+04	-6.62e-04	0.0	92.1	1.165e+05	-1.433e+04	694.13	4.794e+04	-7622.06	1.674e+06
11	251	7.160e+05	345.18	0.05	-552.50	0.0	4.758e+04	-3624.86	114.15	4610.77	-1.017e+04	7.160e+05
		4.811e+05	-1.017e+04	1.44e-04	0.0	92.1	4.758e+04	-4177.36	114.15	4610.77	345.18	4.811e+05
11	287	7.887e+05	-424.89	0.05	-552.50	0.0	4.519e+04	-3590.88	103.86	5572.11	-9988.79	7.887e+05
		5.566e+05	-9988.79	1.18e-04	0.0	92.1	4.519e+04	-4143.38	103.86	5572.11	-424.89	5.566e+05
11	310	7.907e+05	-523.16	0.05	-552.50	0.0	4.528e+04	-3604.09	113.25	6304.85	-1.095e+04	7.907e+05
		5.577e+05	-1.095e+04	1.02e-04	0.0	92.1	4.528e+04	-4156.59	113.25	6304.85	-523.16	5.577e+05
11	316	7.317e+05	85.54	0.05	-552.50	0.0	4.706e+04	-3614.27	96.06	4418.88	-8759.79	7.317e+05
		4.986e+05	-8759.79	2.33e-04	0.0	92.1	4.706e+04	-4166.77	96.06	4418.88	85.54	4.986e+05
11	319	2.075e+06	-5354.24	0.14	-552.50	0.0	9.873e+04	-1.123e+04	543.69	3.713e+04	-5.542e+04	2.075e+06
		1.395e+06	-5.542e+04	4.52e-04	0.0	92.1	9.873e+04	-1.178e+04	543.69	3.713e+04	-5354.24	1.395e+06
11	321	7.342e+05	621.19	0.05	-552.50	0.0	4.701e+04	-3617.67	108.71	4636.72	-9388.98	7.342e+05
		5.001e+05	-9388.98	1.95e-04	0.0	92.1	4.701e+04	-4170.17	108.71	4636.72	621.19	5.001e+05
11	324	7.902e+05	-30.32	0.05	-552.50	0.0	4.529e+04	-3602.09	108.01	5906.02	-9975.99	7.902e+05
		5.576e+05	-9975.99	1.47e-04	0.0	92.1	4.529e+04	-4154.59	108.01	5906.02	-30.32	5.576e+05
11	333	8.150e+05	862.44	0.05	-552.50	0.0	4.448e+04	-3602.64	102.11	3729.74	-8903.74	8.150e+05
		5.826e+05	-8903.74	3.17e-04	0.0	92.1	4.448e+04	-4155.14	102.11	3729.74	862.44	5.826e+05
11	336	7.654e+05	-923.07	0.05	-552.50	0.0	4.609e+04	-3601.53	113.90	8082.30	-1.105e+04	7.654e+05
		5.326e+05	-1.105e+04	-1.22e-04	0.0	92.1	4.609e+04	-4154.03	113.90	8082.30	-923.07	5.326e+05
11	345	8.064e+05	2282.86	0.05	-552.50	0.0	4.431e+04	-3559.06	65.33	-256.85	-4932.83	8.064e+05
		5.735e+05	-4932.83	8.88e-04	0.0	92.1	4.431e+04	-4111.56	65.33	-256.85	2282.86	5.735e+05
11	346	7.872e+05	-2212.41	0.05	-552.50	0.0	4.593e+04	-3653.99	155.24	1.185e+04	-1.531e+04	7.872e+05
		5.549e+05	-1.531e+04	-7.04e-04	0.0	92.1	4.593e+04	-4206.49	155.24	1.185e+04	-2212.41	5.549e+05
11	348	7.740e+05	-2343.49	0.05	-552.50	0.0	4.627e+04	-3645.11	150.68	1.207e+04	-1.502e+04	7.740e+05
		5.416e+05	-1.502e+04	-6.93e-04	0.0	92.1	4.627e+04	-4197.61	150.68	1.207e+04	-2343.49	5.416e+05
11	365	8.003e+05	239.01	0.05	-552.50	0.0	4.497e+04	-3605.66	106.50	5321.17	-9586.72	8.003e+05
		5.680e+05	-9586.72	1.97e-04	0.0	92.1	4.497e+04	-4158.16	106.50	5321.17	239.01	5.680e+05
11	366	8.020e+05	-81.18	0.05	-552.50	0.0	4.504e+04	-3613.10	117.09	6135.52	-1.085e+04	8.020e+05
		5.694e+05	-1.085e+04	1.04e-04	0.0	92.1	4.504e+04	-4165.60	117.09	6135.52	-81.18	5.694e+05
11	368	7.801e+05	-299.64	0.05	-552.50	0.0	4.560e+04	-3598.51	109.51	6490.87	-1.037e+04	7.801e+05
		5.472e+05	-1.037e+04	1.09e-04	0.0	92.1	4.560e+04	-4151.01	109.51	6490.87	-299.64	5.472e+05
11	371	7.785e+05	56.17	0.05	-552.50	0.0	4.554e+04	-3591.25	99.71	5762.76	-9145.89	7.785e+05
		5.456e+05	-9145.89	2.54e-04	0.0	92.1	4.554e+04	-4143.75	99.71	5762.76	56.17	5.456e+05
11	378	7.962e+05	-531.19	0.05	-552.50	0.0	4.532e+04	-3616.67	126.80	7209.98	-1.215e+04	7.962e+05

		5.633e+05	-1.215e+04	-2.38e-04	0.0	92.1	4.532e+04	-4169.17	126.80	7209.98	-531.19	5.633e+05
11	385	7.909e+05	654.81	0.05	-552.50	0.0	4.513e+04	-3592.46	94.13	4782.96	-8086.80	7.909e+05
		5.579e+05	-8086.80	5.84e-04	0.0	92.1	4.513e+04	-4144.96	94.13	4782.96	654.81	5.579e+05
12	73	4.301e+06	5.826e+04	0.29	-745.88	0.0	2.077e+05	-2.380e+04	-719.72	1.142e+05	5.826e+04	4.301e+06
		2.887e+06	-8018.79	-5.04e-04	0.0	92.1	2.077e+05	-2.454e+04	-719.72	1.142e+05	-8018.79	2.887e+06
12	81	2.184e+06	4.079e+04	0.13	-745.88	0.0	1.213e+05	-6515.67	-530.25	2.028e+04	4.079e+04	2.184e+06
		1.783e+06	-8036.09	-3.55e-04	0.0	92.1	1.213e+05	-7261.55	-530.25	2.028e+04	-8036.09	1.783e+06
12	162	7.651e+05	2.817e+04	0.05	-552.50	0.0	4.436e+04	-3448.98	-333.31	-6063.93	2.817e+04	7.651e+05
		5.484e+05	-2519.43	2.41e-04	0.0	92.1	4.436e+04	-4001.48	-333.31	-6063.93	-2519.43	5.484e+05
12	178	7.550e+05	2.801e+04	0.05	-552.50	0.0	4.476e+04	-3459.62	-332.29	-5808.46	2.801e+04	7.550e+05
		5.374e+05	-2588.48	2.10e-04	0.0	92.1	4.476e+04	-4012.12	-332.29	-5808.46	-2588.48	5.374e+05
12	243	2.696e+06	4.771e+04	0.18	-552.50	0.0	1.259e+05	-1.522e+04	-559.24	5.769e+04	4.771e+04	2.696e+06
		1.791e+06	-3782.21	-3.66e-04	0.0	92.1	1.259e+05	-1.577e+04	-559.24	5.769e+04	-3782.21	1.791e+06
12	251	7.062e+05	3.580e+04	0.05	-552.50	0.0	4.874e+04	-3553.27	-414.05	-8998.23	3.580e+04	7.062e+05
		4.824e+05	-2331.85	4.30e-04	0.0	92.1	4.874e+04	-4105.77	-414.05	-8998.23	-2331.85	4.824e+05
12	270	1.218e+06	3.113e+04	0.08	-552.50	0.0	7.565e+04	-5955.15	-446.81	1.936e+04	3.113e+04	1.218e+06
		8.533e+05	-5768.50	-2.18e-04	92.27	92.1	7.565e+04	-6507.65	-354.54	1.936e+04	-5768.50	8.533e+05
12	287	7.884e+05	3.318e+04	0.05	-552.50	0.0	4.596e+04	-3532.39	-394.23	-6730.10	3.318e+04	7.884e+05
		5.683e+05	-3126.44	3.30e-04	0.0	92.1	4.596e+04	-4084.89	-394.23	-6730.10	-3126.44	5.683e+05
12	310	7.927e+05	3.258e+04	0.05	-552.50	0.0	4.611e+04	-3553.84	-388.69	-6076.41	3.258e+04	7.927e+05
		5.707e+05	-3209.94	2.75e-04	0.0	92.1	4.611e+04	-4106.34	-388.69	-6076.41	-3209.94	5.707e+05
12	311	9.372e+05	3.186e+04	0.06	-552.50	0.0	5.855e+04	-4514.07	-386.04	3811.73	3.186e+04	9.372e+05
		6.593e+05	-3688.74	3.10e-04	0.0	92.1	5.855e+04	-5066.57	-386.04	3811.73	-3688.74	6.593e+05
12	319	2.218e+06	4.454e+04	0.15	-552.50	0.0	1.061e+05	-1.231e+04	-518.59	4.139e+04	4.454e+04	2.218e+06
		1.485e+06	-3213.09	3.40e-04	0.0	92.1	1.061e+05	-1.286e+04	-518.59	4.139e+04	-3213.09	1.485e+06
12	321	7.263e+05	3.560e+04	0.05	-552.50	0.0	4.819e+04	-3560.53	-409.70	-8624.00	3.560e+04	7.263e+05
		5.035e+05	-2125.32	5.14e-04	0.0	92.1	4.819e+04	-4113.03	-409.70	-8624.00	-2125.32	5.035e+05
12	324	7.911e+05	3.319e+04	0.05	-552.50	0.0	4.621e+04	-3560.97	-390.70	-6434.01	3.319e+04	7.911e+05
		5.697e+05	-2784.19	3.98e-04	0.0	92.1	4.621e+04	-4113.47	-390.70	-6434.01	-2784.19	5.697e+05
12	345	8.252e+05	3.672e+04	0.05	-552.50	0.0	4.368e+04	-3744.59	-411.09	-1.248e+04	3.672e+04	8.252e+05
		6.071e+05	-277.92	1.13e-03	0.0	92.1	4.368e+04	-4297.09	-411.09	-1.248e+04	-277.92	6.071e+05
12	347	8.113e+05	3.704e+04	0.05	-552.50	0.0	4.400e+04	-3730.40	-415.22	-1.280e+04	3.704e+04	8.113e+05
		5.929e+05	-383.31	1.16e-03	0.0	92.1	4.400e+04	-4282.90	-415.22	-1.280e+04	-383.31	5.929e+05
12	348	7.570e+05	2.966e+04	0.05	-552.50	0.0	4.874e+04	-3377.34	-370.30	-390.67	2.966e+04	7.570e+05
		5.323e+05	-5290.46	-4.06e-04	0.0	92.1	4.874e+04	-3929.84	-370.30	-390.67	-5290.46	5.323e+05
12	367	7.775e+05	3.393e+04	0.05	-552.50	0.0	4.664e+04	-3562.96	-398.75	-7419.59	3.393e+04	7.775e+05
		5.549e+05	-2682.26	5.17e-04	0.0	92.1	4.664e+04	-4115.46	-398.75	-7419.59	-2682.26	5.549e+05
12	370	8.051e+05	3.246e+04	0.05	-552.50	0.0	4.583e+04	-3563.27	-383.71	-5687.06	3.246e+04	8.051e+05
		5.837e+05	-2855.65	2.30e-04	0.0	92.1	4.583e+04	-4115.77	-383.71	-5687.06	-2855.65	5.837e+05
12	378	8.014e+05	3.151e+04	0.05	-552.50	0.0	4.558e+04	-3518.94	-374.22	-3966.06	3.151e+04	8.014e+05
		5.832e+05	-3387.41	-2.55e-04	0.0	92.1	4.558e+04	-4071.44	-374.22	-3966.06	-3387.41	5.832e+05
12	379	7.808e+05	3.488e+04	0.05	-552.50	0.0	4.685e+04	-3602.99	-407.17	-8901.96	3.488e+04	7.808e+05
		5.562e+05	-2180.96	7.20e-04	0.0	92.1	4.685e+04	-4155.49	-407.17	-8901.96	-2180.96	5.562e+05
12	380	7.945e+05	3.166e+04	0.05	-552.50	0.0	4.574e+04	-3511.94	-376.28	-4127.72	3.166e+04	7.945e+05
		5.761e+05	-3439.53	-2.51e-04	0.0	92.1	4.574e+04	-4064.44	-376.28	-4127.72	-3439.53	5.761e+05
13	97	4.895e+06	4.918e+04	0.26	-745.88	0.0	2.303e+05	-2.123e+04	-725.78	8.289e+04	4.918e+04	4.895e+06
		3.613e+06	-1.765e+04	-3.55e-04	0.0	92.1	2.303e+05	-2.197e+04	-725.78	8.289e+04	-1.765e+04	3.613e+06
13	111	1.306e+06	5.381e+04	0.08	-745.88	0.0	7.652e+04	-5975.84	-640.89	-1.067e+04	5.381e+04	1.306e+06
		9.376e+05	-5205.35	4.46e-04	0.0	92.1	7.652e+04	-6721.72	-640.89	-1.067e+04	-5205.35	9.376e+05
13	162	7.655e+05	2.823e+04	0.05	-552.50	0.0	4.456e+04	-3447.02	-334.52	-6099.66	2.823e+04	7.655e+05
		5.400e+05	-2569.27	2.32e-04	0.0	92.1	4.456e+04	-3999.52	-334.52	-6099.66	-2569.27	5.400e+05
13	184	7.478e+05	2.805e+04	0.05	-552.50	0.0	4.493e+04	-3458.02	-333.27	-5838.17	2.805e+04	7.478e+05
		5.303e+05	-2640.50	1.98e-04	0.0	92.1	4.493e+04	-4010.52	-333.27	-5838.17	-2640.50	5.303e+05
13	255	3.136e+06	4.093e+04	0.16	-552.50	0.0	1.426e+05	-1.331e+04	-563.33	3.457e+04	4.093e+04	3.136e+06
		2.329e+06	-1.094e+04	-2.59e-04	0.0	92.1	1.426e+05	-1.387e+04	-563.33	3.457e+04	-1.094e+04	2.329e+06
13	259	6.950e+05	3.580e+04	0.05	-552.50	0.0	4.899e+04	-3549.98	-415.21	-8980.09	3.580e+04	6.950e+05
		4.714e+05	-2429.81	3.96e-04	0.0	92.1	4.899e+04	-4102.48	-415.21	-8980.09	-2429.81	4.714e+05
13	287	7.828e+05	3.322e+04	0.05	-552.50	0.0	4.609e+04	-3531.09	-395.03	-6753.92	3.322e+04	7.828e+05
		5.627e+05	-3159.47	3.24e-04	0.0	92.1	4.609e+04	-4083.59	-395.03	-6753.92	-3159.47	5.627e+05
13	310	7.932e+05	3.250e+04	0.05	-552.50	0.0	4.608e+04	-3553.31	-388.23	-5999.44	3.250e+04	7.932e+05
		5.713e+05	-3248.96	2.65e-04	0.0	92.1	4.608e+04	-4105.81	-388.23	-5999.44	-3248.96	5.713e+05
13	322	2.553e+06	3.944e+04	0.13	-552.50	0.0	1.185e+05	-1.088e+04	-521.16	2.405e+04	3.944e+04	2.553e+06
		1.893e+06	-8546.65	3.11e-04	0.0	92.1	1.185e+05	-1.143e+04	-521.16	2.405e+04	-8546.65	1.893e+06
13	323	7.220e+05	3.560e+04	0.05	-552.50	0.0	4.828e+04	-3559.17	-410.07	-8611.30	3.560e+04	7.220e+05
		4.993e+05	-2164.49	4.96e-04	0.0	92.1	4.828e+04	-4111.67	-410.07	-8611.30	-2164.49	4.993e+05
13	324	7.911e+05	3.319e+04	0.05	-552.50	0.0	4.621e+04	-3560.97	-390.70	-6433.99	3.319e+04	7.911e+05
		5.697e+05	-2784.18	3.98e-04	0.0	92.1	4.621e+04	-4113.47	-390.70	-6433.99	-2784.18	5.697e+05
13	334	9.395e+05	2.731e+04	0.06	-552.50	0.0	3.685e+04	-3884.80	-319.31	-1052.17	2.731e+04	9.395e+05
		6.847e+05	-2274.36	-6.22e-04	0.0	92.1	3.685e+04	-4437.30	-319.31	-1052.17	-2274.36	6.847e+05
13	335	6.427e+05	3.908e+04	0.04	-552.50	0.0	5.557e+04	-3237.13	-462.08	-1.182e+04	3.908e+04	6.427e+05
		4.547e+05	-3294.00	1.42e-03	0.0	92.1	5.557e+04	-3789.63	-462.08	-1.182e+04	-3294.00	4.547e+05
13	344	8.021e+05	2.550e+04	0.05	-552.50	0.0	4.224e+04	-3024.79	-318.87	7620.07	2.550e+04	8.021e+05
		5.720e+05	-4675.42	-2.95e-03	0.0	92.1	4.224e+04	-3577.29	-318.87	7620.07	-4675.42	5.720e+05
13	347	7.003e+05	4.279e+04	0.04	-552.50	0.0	5.466e+04	-3831.41	-489.40	-2.115e+04	4.279e+04	7.003e+05
		5.046e+05	-1487.93	3.76e-03	0.0	92.1	5.466e+04	-4383.91	-489.40	-2.115e+04	-1487.93	5.046e+05
13	366	8.616e+05	3.068e+04	0.06	-552.50	0.0	4.200e+04	-3772.79	-361.83	-5349.25	3.068e+04	8.616e+05
		6.265e+05	-2614.22	-2.21e-04	0.0	92.1	4.200e+04	-4325.29	-361.83	-5349.25	-2614.22	6.265e+05

13	367	7.206e+05	3.571e+04	0.05	-552.50	0.0	5.043e+04	-3349.14	-419.56	-7518.74	3.571e+04	7.206e+05
		5.130e+05	-2954.14	6.33e-04	0.0	92.1	5.043e+04	-3901.64	-419.56	-7518.74	-2954.14	5.130e+05
13	370	8.631e+05	3.106e+04	0.06	-552.50	0.0	4.211e+04	-3780.51	-363.24	-5436.26	3.106e+04	8.631e+05
		6.270e+05	-2428.26	2.75e-04	0.0	92.1	4.211e+04	-4333.01	-363.24	-5436.26	-2428.26	6.270e+05
13	371	7.191e+05	3.532e+04	0.05	-552.50	0.0	5.032e+04	-3341.42	-418.15	-7431.73	3.532e+04	7.191e+05
		5.124e+05	-3140.11	5.21e-04	0.0	92.1	5.032e+04	-3893.92	-418.15	-7431.73	-3140.11	5.124e+05
13	376	7.772e+05	3.083e+04	0.05	-552.50	0.0	4.595e+04	-3445.16	-378.46	-4764.06	3.083e+04	7.772e+05
		5.630e+05	-4042.32	-4.46e-04	0.0	92.1	4.595e+04	-3997.66	-378.46	-4764.06	-4042.32	5.630e+05
13	379	7.639e+05	3.652e+04	0.05	-552.50	0.0	4.874e+04	-3541.57	-416.53	-8433.54	3.652e+04	7.639e+05
		5.442e+05	-1828.47	1.16e-03	0.0	92.1	4.874e+04	-4094.07	-416.53	-8433.54	-1828.47	5.442e+05
14	96	3.102e+06	717.28	0.16	-552.50	0.0	1.440e+05	-1.305e+04	1067.13	7.769e+04	-9.755e+04	3.102e+06
		2.307e+06	-9.755e+04	-9.91e-04	0.0	92.1	1.440e+05	-1.360e+04	1067.13	7.769e+04	717.28	2.307e+06
14	97	4.429e+06	-616.64	0.24	-745.88	0.0	2.088e+05	-1.869e+04	1550.08	1.248e+05	-1.434e+05	4.429e+06
		3.295e+06	-1.434e+05	-1.36e-03	0.0	92.1	2.088e+05	-1.944e+04	1550.08	1.248e+05	-616.64	3.295e+06
14	184	7.459e+05	-598.60	0.05	-552.50	0.0	4.456e+04	-3448.72	110.19	5035.49	-1.074e+04	7.459e+05
		5.232e+05	-1.074e+04	8.35e-05	0.0	92.1	4.456e+04	-4001.22	110.19	5035.49	-598.60	5.232e+05
14	206	7.664e+05	137.97	0.05	-552.50	0.0	4.409e+04	-3455.64	111.63	5071.82	-1.014e+04	7.664e+05
		5.436e+05	-1.014e+04	1.34e-04	0.0	92.1	4.409e+04	-4008.14	111.63	5071.82	137.97	5.436e+05
14	255	2.906e+06	2172.17	0.15	-552.50	0.0	1.322e+05	-1.226e+04	940.88	6.068e+04	-8.447e+04	2.906e+06
		2.153e+06	-8.447e+04	-7.71e-04	0.0	92.1	1.322e+05	-1.281e+04	940.88	6.068e+04	2172.17	2.153e+06
14	259	7.043e+05	237.85	0.05	-552.50	0.0	4.790e+04	-3625.38	113.63	4717.09	-1.023e+04	7.043e+05
		4.695e+05	-1.023e+04	1.29e-04	0.0	92.1	4.790e+04	-4177.88	113.63	4717.09	237.85	4.695e+05
14	287	7.830e+05	-461.67	0.05	-552.50	0.0	4.535e+04	-3591.32	103.58	5598.30	-9999.32	7.830e+05
		5.509e+05	-9999.32	1.15e-04	0.0	92.1	4.535e+04	-4143.82	103.58	5598.30	-461.67	5.509e+05
14	310	7.909e+05	-563.23	0.05	-552.50	0.0	4.527e+04	-3603.63	113.13	6364.08	-1.098e+04	7.909e+05
		5.579e+05	-1.098e+04	9.94e-05	0.0	92.1	4.527e+04	-4156.13	113.13	6364.08	-563.23	5.579e+05
14	322	2.381e+06	2028.80	0.13	-552.50	0.0	1.104e+05	-1.010e+04	729.00	4.666e+04	-6.510e+04	2.381e+06
		1.758e+06	-6.510e+04	4.58e-04	0.0	92.1	1.104e+05	-1.065e+04	729.00	4.666e+04	2028.80	1.758e+06
14	323	7.297e+05	578.06	0.05	-552.50	0.0	4.713e+04	-3617.85	108.56	4682.40	-9418.71	7.297e+05
		4.956e+05	-9418.71	1.83e-04	0.0	92.1	4.713e+04	-4170.35	108.56	4682.40	578.06	4.956e+05
14	324	7.902e+05	-30.31	0.05	-552.50	0.0	4.529e+04	-3602.09	108.01	5906.04	-9976.02	7.902e+05
		5.576e+05	-9976.02	1.47e-04	0.0	92.1	4.529e+04	-4154.59	108.01	5906.04	-30.31	5.576e+05
14	334	9.266e+05	-306.85	0.06	-552.50	0.0	3.719e+04	-3194.81	145.93	8894.05	-1.371e+04	9.266e+05
		6.659e+05	-1.371e+04	-8.80e-04	0.0	92.1	3.719e+04	-3747.31	145.93	8894.05	-306.85	6.659e+05
14	335	6.538e+05	246.22	0.04	-552.50	0.0	5.338e+04	-4009.36	70.08	2918.04	-6245.57	6.538e+05
		4.492e+05	-6245.57	1.08e-03	0.0	92.1	5.338e+04	-4561.86	70.08	2918.04	246.22	4.492e+05
14	341	8.108e+05	2109.69	0.05	-552.50	0.0	4.495e+04	-3427.43	22.28	-7755.73	-265.35	8.108e+05
		5.727e+05	-265.35	3.49e-03	0.0	92.1	4.495e+04	-3979.93	22.28	-7755.73	2109.69	5.727e+05
14	346	8.481e+05	-1953.08	0.05	-552.50	0.0	4.112e+04	-3523.92	200.13	1.955e+04	-2.013e+04	8.481e+05
		6.046e+05	-2.013e+04	-3.28e-03	0.0	92.1	4.112e+04	-4076.42	200.13	1.955e+04	-1953.08	6.046e+05
14	366	8.582e+05	-273.56	0.05	-552.50	0.0	4.138e+04	-3391.14	119.57	5653.72	-1.129e+04	8.582e+05
		6.116e+05	-1.129e+04	-1.16e-04	0.0	92.1	4.138e+04	-3943.64	119.57	5653.72	-273.56	6.116e+05
14	367	7.222e+05	212.93	0.05	-552.50	0.0	4.919e+04	-3813.03	96.45	6158.37	-8659.55	7.222e+05
		5.035e+05	-8659.55	3.11e-04	0.0	92.1	4.919e+04	-4365.53	96.45	6158.37	212.93	5.035e+05
14	370	8.588e+05	-26.94	0.05	-552.50	0.0	4.139e+04	-3389.48	117.41	5549.21	-1.084e+04	8.588e+05
		6.122e+05	-1.084e+04	1.07e-04	0.0	92.1	4.139e+04	-3941.98	117.41	5549.21	-26.94	6.122e+05
14	371	7.216e+05	-33.69	0.05	-552.50	0.0	4.918e+04	-3814.69	98.61	6262.88	-9107.87	7.216e+05
		5.030e+05	-9107.87	2.05e-04	0.0	92.1	4.918e+04	-4367.19	98.61	6262.88	-33.69	5.030e+05
14	373	8.084e+05	1401.79	0.05	-552.50	0.0	4.448e+04	-3525.88	90.33	4858.37	-6981.56	8.084e+05
		5.709e+05	-6981.56	8.77e-04	0.0	92.1	4.448e+04	-4078.38	90.33	4858.37	1401.79	5.709e+05
14	378	8.125e+05	-1351.92	0.05	-552.50	0.0	4.381e+04	-3549.69	128.96	6943.34	-1.320e+04	8.125e+05
		5.762e+05	-1.320e+04	-6.75e-04	0.0	92.1	4.381e+04	-4102.19	128.96	6943.34	-1351.92	5.762e+05
15	97	4.068e+06	3.391e+04	0.22	-745.88	0.0	1.893e+05	-1.762e+04	-673.67	7.057e+04	3.391e+04	4.068e+06
		2.972e+06	-2.813e+04	-1.02e-03	0.0	92.1	1.893e+05	-1.836e+04	-673.67	7.057e+04	-2.813e+04	2.972e+06
15	98	3.764e+06	3.060e+04	0.20	-552.50	0.0	1.720e+05	-1.619e+04	-640.03	7.360e+04	3.060e+04	3.764e+06
		2.761e+06	-2.833e+04	-9.53e-04	0.0	92.1	1.720e+05	-1.674e+04	-640.03	7.360e+04	-2.833e+04	2.761e+06
15	146	7.438e+05	7717.59	0.05	-552.50	0.0	4.461e+04	-3444.07	-94.75	-3653.99	7717.59	7.438e+05
		5.220e+05	-1007.37	-3.33e-04	0.0	92.1	4.461e+04	-3996.57	-94.75	-3653.99	-1007.37	5.220e+05
15	206	7.664e+05	1.014e+04	0.05	-552.50	0.0	4.409e+04	-3455.64	-111.63	-5071.81	1.014e+04	7.664e+05
		5.436e+05	-137.97	-1.34e-04	0.0	92.1	4.409e+04	-4008.14	-111.63	-5071.81	-137.97	5.436e+05
15	243	7.077e+05	1.029e+04	0.05	-552.50	0.0	4.757e+04	-3605.10	-112.58	-7008.54	1.029e+04	7.077e+05
		4.746e+05	-73.76	-1.22e-04	0.0	92.1	4.757e+04	-4157.60	-112.58	-7008.54	-73.76	4.746e+05
15	255	2.716e+06	3.198e+04	0.14	-552.50	0.0	1.232e+05	-1.157e+04	-532.02	2.516e+04	3.198e+04	2.716e+06
		1.994e+06	-1.701e+04	-5.48e-04	0.0	92.1	1.232e+05	-1.212e+04	-532.02	2.516e+04	-1.701e+04	1.994e+06
15	268	7.817e+05	7990.87	0.05	-552.50	0.0	4.538e+04	-3588.23	-93.34	-4682.22	7990.87	7.817e+05
		5.501e+05	-604.16	-2.95e-04	0.0	92.1	4.538e+04	-4140.73	-93.34	-4682.22	-604.16	5.501e+05
15	309	7.902e+05	9976.02	0.05	-552.50	0.0	4.529e+04	-3602.09	-108.01	-5906.03	9976.02	7.902e+05
		5.576e+05	30.31	-1.47e-04	0.0	92.1	4.529e+04	-4154.59	-108.01	-5906.03	30.31	5.576e+05
15	319	7.332e+05	1.098e+04	0.05	-552.50	0.0	4.686e+04	-3604.95	-115.45	-7088.03	1.098e+04	7.332e+05
		5.000e+05	344.38	-9.51e-05	0.0	92.1	4.686e+04	-4157.45	-115.45	-7088.03	344.38	5.000e+05
15	322	2.239e+06	2.724e+04	0.12	-552.50	0.0	1.036e+05	-9577.93	-430.03	1.704e+04	2.724e+04	2.239e+06
		1.640e+06	-1.236e+04	-3.34e-04	0.0	92.1	1.036e+05	-1.013e+04	-430.03	1.704e+04	-1.236e+04	1.640e+06
15	324	7.902e+05	9976.02	0.05	-552.50	0.0	4.529e+04	-3602.09	-108.01	-5906.03	9976.02	7.902e+05
		5.576e+05	30.31	-1.47e-04	0.0	92.1	4.529e+04	-4154.59	-108.01	-5906.03	30.31	5.576e+05
15	325	9.305e+05	1.358e+04	0.06	-552.50	0.0	3.700e+04	-3203.16	-143.93	-8868.50	1.358e+04	9.305e+05
		6.690e+05	398.61	8.74e-04	0.0	92.1	3.700e+04	-3755.66	-143.93	-8868.50	398.61	6.690e+05
15	328	6.499e+05	6376.31	0.04	-552.50	0.0	5.357e+04	-4001.01	-72.08	-2943.56	6376.31	6.499e+05

		4.461e+05	-337.99	-1.07e-03	0.0	92.1	5.357e+04	-4553.51	-72.08	-2943.56	-337.99	4.461e+05
15	341	8.610e+05	1.969e+04	0.05	-552.50	0.0	4.051e+04	-3551.76	-193.46	-1.946e+04	1.969e+04	8.610e+05
		6.148e+05	2258.94	3.26e-03	0.0	92.1	4.051e+04	-4104.26	-193.46	-1.946e+04	2258.94	6.148e+05
15	346	7.978e+05	701.19	0.05	-552.50	0.0	4.556e+04	-3399.60	-28.95	7670.62	701.19	7.978e+05
		5.624e+05	-2415.55	-3.47e-03	0.0	92.1	4.556e+04	-3952.10	-28.95	7670.62	-2415.55	5.624e+05
15	357	8.582e+05	1.129e+04	0.05	-552.50	0.0	4.138e+04	-3391.14	-119.57	-5653.70	1.129e+04	8.582e+05
		6.116e+05	273.56	1.16e-04	0.0	92.1	4.138e+04	-3943.64	-119.57	-5653.70	273.56	6.116e+05
15	360	7.222e+05	8659.54	0.05	-552.50	0.0	4.919e+04	-3813.03	-96.45	-6158.36	8659.54	7.222e+05
		5.035e+05	-212.94	-3.11e-04	0.0	92.1	4.919e+04	-4365.53	-96.45	-6158.36	-212.94	5.035e+05
15	361	8.588e+05	1.084e+04	0.05	-552.50	0.0	4.139e+04	-3389.49	-117.41	-5549.19	1.084e+04	8.588e+05
		6.122e+05	26.94	-1.07e-04	0.0	92.1	4.139e+04	-3941.99	-117.41	-5549.19	26.94	6.122e+05
15	364	7.216e+05	9107.86	0.05	-552.50	0.0	4.918e+04	-3814.69	-98.61	-6262.87	9107.86	7.216e+05
		5.030e+05	33.69	-2.05e-04	0.0	92.1	4.918e+04	-4367.19	-98.61	-6262.87	33.69	5.030e+05
15	373	8.125e+05	1.320e+04	0.05	-552.50	0.0	4.381e+04	-3549.69	-128.96	-6943.33	1.320e+04	8.125e+05
		5.762e+05	1351.92	6.75e-04	0.0	92.1	4.381e+04	-4102.19	-128.96	-6943.33	1351.92	5.762e+05
15	378	8.084e+05	6981.56	0.05	-552.50	0.0	4.448e+04	-3525.88	-90.33	-4858.36	6981.56	8.084e+05
		5.709e+05	-1401.79	-8.77e-04	0.0	92.1	4.448e+04	-4078.38	-90.33	-4858.36	-1401.79	5.709e+05
16	97	3.679e+06	-4294.49	0.20	-745.88	0.0	1.720e+05	-1.586e+04	1571.62	1.159e+05	-1.490e+05	3.679e+06
		2.725e+06	-1.490e+05	-2.61e-03	0.0	92.1	1.720e+05	-1.661e+04	1571.62	1.159e+05	-4294.49	2.725e+06
16	146	7.414e+05	1239.93	0.05	-552.50	0.0	4.534e+04	-3481.11	340.72	7148.97	-3.013e+04	7.414e+05
		5.254e+05	-3.013e+04	-5.98e-04	0.0	92.1	4.534e+04	-4033.61	340.72	7148.97	1239.93	5.254e+05
16	181	1.058e+06	4236.96	0.07	-745.88	0.0	6.354e+04	-4847.99	742.72	1.162e+04	-5.353e+04	1.058e+06
		7.576e+05	-5.353e+04	-7.00e-04	-230.67	92.1	6.354e+04	-5593.86	512.06	1.162e+04	4236.96	7.576e+05
16	206	7.690e+05	2003.20	0.05	-552.50	0.0	4.474e+04	-3491.88	328.02	5622.17	-2.820e+04	7.690e+05
		5.505e+05	-2.820e+04	-3.43e-04	0.0	92.1	4.474e+04	-4044.38	328.02	5622.17	2003.20	5.505e+05
16	243	7.065e+05	2623.41	0.05	-552.50	0.0	4.813e+04	-3531.63	400.95	6061.48	-3.430e+04	7.065e+05
		4.860e+05	-3.430e+04	-3.57e-04	0.0	92.1	4.813e+04	-4084.13	400.95	6061.48	2623.41	4.860e+05
16	255	2.529e+06	-1164.76	0.13	-552.50	0.0	1.161e+05	-1.073e+04	955.73	5.352e+04	-8.917e+04	2.529e+06
		1.882e+06	-8.917e+04	-1.57e-03	0.0	92.1	1.161e+05	-1.128e+04	955.73	5.352e+04	-1164.76	1.882e+06
16	259	7.161e+05	3349.41	0.05	-552.50	0.0	4.773e+04	-3543.69	398.69	6138.25	-3.336e+04	7.161e+05
		4.982e+05	-3.336e+04	-4.12e-04	0.0	92.1	4.773e+04	-4096.19	398.69	6138.25	3349.41	4.982e+05
16	268	7.786e+05	2229.90	0.05	-552.50	0.0	4.637e+04	-3546.41	399.97	7623.04	-3.460e+04	7.786e+05
		5.594e+05	-3.460e+04	-5.90e-04	0.0	92.1	4.637e+04	-4098.91	399.97	7623.04	2229.90	5.594e+05
16	309	7.911e+05	2784.18	0.05	-552.50	0.0	4.621e+04	-3560.97	390.70	6434.01	-3.319e+04	7.911e+05
		5.697e+05	-3.319e+04	-3.98e-04	0.0	92.1	4.621e+04	-4113.47	390.70	6434.01	2784.18	5.697e+05
16	319	7.338e+05	3006.86	0.05	-552.50	0.0	4.743e+04	-3533.92	395.67	5770.52	-3.343e+04	7.338e+05
		5.127e+05	-3.343e+04	-2.67e-04	0.0	92.1	4.743e+04	-4086.42	395.67	5770.52	3006.86	5.127e+05
16	322	2.101e+06	165.73	0.11	-552.50	0.0	9.842e+04	-8930.09	811.76	4.136e+04	-7.458e+04	2.101e+06
		1.560e+06	-7.458e+04	-1.18e-03	0.0	92.1	9.842e+04	-9482.59	811.76	4.136e+04	165.73	1.560e+06
16	323	7.410e+05	3551.36	0.05	-552.50	0.0	4.714e+04	-3542.97	393.98	5828.09	-3.273e+04	7.410e+05
		5.218e+05	-3.273e+04	-3.09e-04	0.0	92.1	4.714e+04	-4095.47	393.98	5828.09	3551.36	5.218e+05
16	324	7.911e+05	2784.18	0.05	-552.50	0.0	4.621e+04	-3560.97	390.70	6434.01	-3.319e+04	7.911e+05
		5.697e+05	-3.319e+04	-3.98e-04	0.0	92.1	4.621e+04	-4113.47	390.70	6434.01	2784.18	5.697e+05
16	325	9.466e+05	2320.98	0.06	-552.50	0.0	3.656e+04	-3870.07	320.72	1087.84	-2.743e+04	9.466e+05
		6.878e+05	-2.743e+04	6.13e-04	0.0	92.1	3.656e+04	-4422.57	320.72	1087.84	2320.98	6.878e+05
16	328	6.356e+05	3247.38	0.04	-552.50	0.0	5.587e+04	-3251.86	460.67	1.178e+04	-3.896e+04	6.356e+05
		4.516e+05	-3.896e+04	-1.41e-03	0.0	92.1	5.587e+04	-3804.36	460.67	1.178e+04	3247.38	4.516e+05
16	344	6.764e+05	1332.53	0.04	-552.50	0.0	5.563e+04	-3880.51	484.70	2.103e+04	-4.240e+04	6.764e+05
		4.941e+05	-4.240e+04	-3.73e-03	0.0	92.1	5.563e+04	-4433.01	484.70	2.103e+04	1332.53	4.941e+05
16	347	8.259e+05	4830.82	0.05	-552.50	0.0	4.126e+04	-2975.69	323.57	-7501.20	-2.589e+04	8.259e+05
		5.825e+05	-2.589e+04	2.92e-03	0.0	92.1	4.126e+04	-3528.19	323.57	-7501.20	4830.82	5.825e+05
16	357	8.616e+05	2614.22	0.06	-552.50	0.0	4.200e+04	-3772.79	361.83	5349.26	-3.068e+04	8.616e+05
		6.265e+05	-3.068e+04	2.21e-04	0.0	92.1	4.200e+04	-4325.29	361.83	5349.26	2614.22	6.265e+05
16	360	7.206e+05	2954.14	0.05	-552.50	0.0	5.043e+04	-3349.14	419.56	7518.75	-3.571e+04	7.206e+05
		5.130e+05	-3.571e+04	-6.33e-04	0.0	92.1	5.043e+04	-3901.64	419.56	7518.75	2954.14	5.130e+05
16	361	8.631e+05	2428.25	0.06	-552.50	0.0	4.211e+04	-3780.51	363.24	5436.26	-3.106e+04	8.631e+05
		6.270e+05	-3.106e+04	-2.75e-04	0.0	92.1	4.211e+04	-4333.01	363.24	5436.26	2428.25	6.270e+05
16	364	7.191e+05	3140.11	0.05	-552.50	0.0	5.032e+04	-3341.42	418.15	7431.75	-3.532e+04	7.191e+05
		5.124e+05	-3.532e+04	-5.21e-04	0.0	92.1	5.032e+04	-3893.92	418.15	7431.75	3140.11	5.124e+05
16	376	7.639e+05	1828.46	0.05	-552.50	0.0	4.874e+04	-3541.57	416.53	8433.56	-3.652e+04	7.639e+05
		5.442e+05	-3.652e+04	-1.16e-03	0.0	92.1	4.874e+04	-4094.07	416.53	8433.56	1828.46	5.442e+05
16	379	7.772e+05	4042.32	0.05	-552.50	0.0	4.595e+04	-3445.16	378.46	4764.07	-3.083e+04	7.772e+05
		5.630e+05	-3.083e+04	4.46e-04	0.0	92.1	4.595e+04	-3997.66	378.46	4764.07	4042.32	5.630e+05
17	17	5.347e+04	7.549e+04	-0.08	-324.00	0.0	-1389.00	-7021.90	1887.26	690.67	0.04	5.146e+04
		5.146e+04	0.04	6.96e-04	0.0	40.0	-1389.00	-7345.90	1887.26	690.67	7.549e+04	5.220e+04
17	149	3.782e+05	6.503e+04	-0.17	-324.00	0.0	-1058.95	811.27	1595.59	-2.044e+04	0.08	4.633e+04
		4.633e+04	0.08	9.39e-04	60.12	40.0	-1058.95	487.27	1655.71	-2.044e+04	6.503e+04	3.782e+05
17	164	1.206e+05	2.311e+04	-0.03	-240.00	0.0	-332.04	317.73	577.77	-4994.27	0.02	1.389e+04
		1.389e+04	0.02	2.37e-04	0.0	40.0	-332.04	77.73	577.77	-4994.27	2.311e+04	1.206e+05
17	178	3.130e+04	4.708e+04	-0.05	-240.00	0.0	-921.12	-7234.82	1176.88	8515.31	8.96e-03	3.130e+04
		-1.049e+05	8.96e-03	2.92e-04	0.0	40.0	-921.12	-7474.82	1176.88	8515.31	4.708e+04	-1.049e+05
17	270	2.529e+05	4.609e+04	-0.05	-240.00	0.0	-722.12	565.63	1132.27	-1.177e+04	0.05	3.038e+04
		3.038e+04	0.05	5.80e-04	40.08	40.0	-722.12	325.63	1172.35	-1.177e+04	4.609e+04	2.529e+05
17	276	2.831e+04	4.392e+04	-0.04	-240.00	0.0	-800.58	-5261.29	1077.84	4926.45	0.01	2.831e+04
		-3.559e+04	0.01	3.13e-04	40.08	40.0	-800.58	-5501.29	1117.92	4926.45	4.392e+04	-3.559e+04
17	288	1.288e+05	2.495e+04	-0.03	-240.00	0.0	-349.70	328.26	623.85	-4793.04	0.02	1.479e+04
		1.479e+04	0.02	2.31e-04	0.0	40.0	-349.70	88.26	623.85	-4793.04	2.495e+04	1.288e+05

17	295	2.765e+04	4.266e+04	-0.04	-240.00	0.0	-785.23	-5267.34	1066.44	5228.97	0.01	2.765e+04
		-3.862e+04	0.01	2.72e-04	0.0	40.0	-785.23	-5507.34	1066.44	5228.97	4.266e+04	-3.862e+04
17	309	1.373e+05	2.579e+04	-0.03	-240.00	0.0	-362.13	363.51	644.70	-4640.68	0.02	1.530e+04
		1.530e+04	0.02	1.97e-04	0.0	40.0	-362.13	123.51	644.70	-4640.68	2.579e+04	1.373e+05
17	311	1.991e+05	3.584e+04	-0.04	-240.00	0.0	-541.10	505.27	896.09	-7964.77	0.03	2.271e+04
		2.271e+04	0.03	3.47e-04	0.0	40.0	-541.10	265.27	896.09	-7964.77	3.584e+04	1.991e+05
17	312	2.469e+04	3.869e+04	-0.04	-240.00	0.0	-682.36	-3841.94	967.30	2992.00	0.01	2.469e+04
		9329.64	0.01	2.24e-04	0.0	40.0	-682.36	-4081.94	967.30	2992.00	3.869e+04	9329.64
17	324	1.373e+05	2.579e+04	-0.03	-240.00	0.0	-362.13	363.51	644.70	-4640.68	0.02	1.530e+04
		1.530e+04	0.02	1.97e-04	0.0	40.0	-362.13	123.51	644.70	-4640.68	2.579e+04	1.373e+05
17	331	1.263e+05	1.706e+04	-0.04	-240.00	0.0	-149.83	307.14	426.62	278.26	-3.39e-03	6445.81
		6445.81	-3.39e-03	-3.93e-04	0.0	40.0	-149.83	67.14	426.62	278.26	1.706e+04	1.263e+05
17	350	1.493e+05	3.655e+04	-0.03	-240.00	0.0	-589.30	432.73	913.66	-8678.50	0.04	2.469e+04
		2.469e+04	0.04	7.38e-04	0.0	40.0	-589.30	192.73	913.66	-8678.50	3.655e+04	1.493e+05
17	354	1.494e+05	3.646e+04	-0.03	-240.00	0.0	-590.79	433.36	911.55	-8643.34	0.04	2.477e+04
		2.477e+04	0.04	7.34e-04	0.0	40.0	-590.79	193.36	911.55	-8643.34	3.646e+04	1.494e+05
17	355	1.251e+05	1.511e+04	-0.03	-240.00	0.0	-133.47	293.66	377.86	-638.02	-7.68e-04	5827.61
		5827.61	-7.68e-04	-3.40e-04	0.0	40.0	-133.47	53.66	377.86	-638.02	1.511e+04	1.251e+05
17	363	1.318e+05	2.142e+04	-0.04	-240.00	0.0	-256.00	335.45	535.46	-2184.67	7.39e-03	1.088e+04
		1.088e+04	7.39e-03	-1.09e-04	0.0	40.0	-256.00	95.45	535.46	-2184.67	2.142e+04	1.318e+05
17	382	1.432e+05	3.114e+04	-0.03	-240.00	0.0	-475.02	397.89	778.41	-6642.23	0.03	1.996e+04
		1.996e+04	0.03	4.66e-04	0.0	40.0	-475.02	157.89	778.41	-6642.23	3.114e+04	1.432e+05
17	386	1.433e+05	3.109e+04	-0.03	-240.00	0.0	-475.70	398.19	777.36	-6624.51	0.03	2.000e+04
		2.000e+04	0.03	4.64e-04	0.0	40.0	-475.70	158.19	777.36	-6624.51	3.109e+04	1.433e+05
17	387	1.312e+05	2.048e+04	-0.03	-240.00	0.0	-248.56	328.83	512.05	-2656.86	8.75e-03	1.060e+04
		1.060e+04	8.75e-03	-8.50e-05	0.0	40.0	-248.56	88.83	512.05	-2656.86	2.048e+04	1.312e+05
18	17	1.221e+05	-4.54e-03	-0.08	-324.00	0.0	-1293.14	-4309.38	-1286.03	-9107.23	-4.54e-03	4.945e+04
		4.945e+04	-5.144e-04	-3.35e-04	0.0	40.0	-1293.14	-4633.38	-1286.03	-9107.23	-5.144e-04	1.221e+05
18	49	3.631e+05	-0.02	-0.05	-324.00	0.0	-1167.31	1140.16	-1175.20	2719.99	-0.02	4.572e+04
		4.572e+04	-4.701e+04	-4.49e-04	0.0	40.0	-1167.31	816.16	-1175.20	2719.99	-4.701e+04	3.631e+05
18	150	2.991e+05	1.00e-04	-0.15	-240.00	0.0	-922.36	920.80	-1089.07	-5101.91	1.00e-04	3.571e+04
		3.571e+04	-4.356e+04	-1.23e-04	0.0	40.0	-922.36	680.80	-1089.07	-5101.91	-4.356e+04	2.991e+05
18	164	1.198e+05	-6.65e-03	-0.03	-240.00	0.0	-385.90	416.57	-321.53	1345.59	-6.65e-03	1.520e+05
		1.520e+04	-1.286e+04	-1.67e-04	0.0	40.0	-385.90	176.57	-321.53	1345.59	-1.286e+04	1.198e+05
18	178	3.062e+04	-1.31e-03	-0.04	-240.00	0.0	-804.72	-4659.97	-715.86	-7794.03	-1.31e-03	3.062e+04
		-2.681e+04	-2.863e+04	-2.12e-04	0.0	40.0	-804.72	-4899.97	-715.86	-7794.03	-2.863e+04	-2.681e+04
18	210	2.449e+05	-0.01	-0.04	-240.00	0.0	-787.98	750.21	-792.58	940.57	-0.01	3.080e+04
		3.080e+04	-3.170e+04	-2.87e-04	0.0	40.0	-787.98	510.21	-792.58	940.57	-3.170e+04	2.449e+05
18	269	1.311e+05	-7.12e-03	-0.03	-240.00	0.0	-417.27	470.24	-360.11	1315.93	-7.12e-03	1.637e+04
		1.637e+04	-1.440e+04	-1.82e-04	0.0	40.0	-417.27	230.24	-360.11	1315.93	-1.440e+04	1.311e+05
18	270	2.453e+05	-0.01	-0.04	-240.00	0.0	-787.38	755.95	-792.03	692.67	-0.01	3.076e+04
		3.076e+04	-3.168e+04	-2.84e-04	0.0	40.0	-787.38	515.95	-792.03	692.67	-3.168e+04	2.453e+05
18	281	1.933e+05	-2.72e-03	-0.10	-240.00	0.0	-580.81	727.40	-625.16	-1589.86	-2.72e-03	2.264e+04
		2.264e+04	-2.501e+04	-1.23e-04	0.0	40.0	-580.81	487.40	-625.16	-1589.86	-2.501e+04	1.933e+05
18	288	1.300e+05	-7.74e-03	-0.03	-240.00	0.0	-416.95	461.12	-361.10	1725.76	-7.74e-03	1.638e+04
		1.638e+04	-1.444e+04	-1.88e-04	0.0	40.0	-416.95	221.12	-361.10	1725.76	-1.444e+04	1.300e+05
18	289	2.442e+05	-0.01	-0.04	-240.00	0.0	-787.07	746.83	-793.02	1102.50	-0.01	3.077e+04
		3.077e+04	-3.172e+04	-2.90e-04	0.0	40.0	-787.07	506.83	-793.02	1102.50	-3.172e+04	2.442e+05
18	309	1.412e+05	-9.50e-03	-0.03	-240.00	0.0	-454.88	500.86	-409.97	2562.79	-9.50e-03	1.788e+04
		1.788e+04	-1.640e+04	-2.16e-04	0.0	40.0	-454.88	260.86	-409.97	2562.79	-1.640e+04	1.412e+05
18	311	2.003e+05	-0.01	-0.03	-240.00	0.0	-643.81	668.86	-620.84	2550.36	-0.01	2.527e+04
		2.527e+04	-2.483e+04	-2.77e-04	0.0	40.0	-643.81	428.86	-620.84	2550.36	-2.483e+04	2.003e+05
18	312	5.716e+04	-6.36e-03	-0.04	-240.00	0.0	-679.59	-2329.90	-621.62	-2560.88	-6.36e-03	2.614e+04
		2.614e+04	-2.486e+04	-2.36e-04	0.0	40.0	-679.59	-2569.90	-621.62	-2560.88	-2.486e+04	5.716e+04
18	313	1.855e+05	-6.05e-03	-0.08	-240.00	0.0	-570.28	684.19	-601.99	341.40	-6.05e-03	2.229e+04
		2.229e+04	-2.408e+04	-1.68e-04	0.0	40.0	-570.28	444.19	-601.99	341.40	-2.408e+04	1.855e+05
18	324	1.412e+05	-9.50e-03	-0.03	-240.00	0.0	-454.88	500.86	-409.97	2562.79	-9.50e-03	1.788e+04
		1.788e+04	-1.640e+04	-2.16e-04	0.0	40.0	-454.88	260.86	-409.97	2562.79	-1.640e+04	1.412e+05
18	329	1.511e+05	-0.02	-0.02	-240.00	0.0	-652.60	567.19	-428.11	5664.20	-0.02	2.608e+04
		2.608e+04	-1.712e+04	-5.31e-04	0.0	40.0	-652.60	327.19	-428.11	5664.20	-1.712e+04	1.511e+05
18	332	1.313e+05	-1.86e-03	-0.04	-240.00	0.0	-257.16	434.54	-391.84	-538.62	-1.86e-03	9680.51
		9680.51	-1.567e+04	1.03e-04	0.0	40.0	-257.16	194.54	-391.84	-538.62	-1.567e+04	1.313e+05
18	340	1.313e+05	-1.77e-03	-0.04	-240.00	0.0	-258.64	433.10	-390.98	-694.10	-1.77e-03	9727.87
		9727.87	-1.564e+04	1.04e-04	0.0	40.0	-258.64	193.10	-390.98	-694.10	-1.564e+04	1.313e+05
18	351	1.424e+05	-7.88e-03	-0.03	-240.00	0.0	-433.73	539.75	-597.86	3433.11	-7.88e-03	1.738e+04
		1.738e+04	-2.391e+04	-8.95e-05	0.0	40.0	-433.73	299.75	-597.86	3433.11	-2.391e+04	1.424e+05
18	361	1.462e+05	-0.01	-0.02	-240.00	0.0	-553.76	534.29	-418.38	4118.25	-0.01	2.198e+04
		2.198e+04	-1.674e+04	-3.74e-04	0.0	40.0	-553.76	294.29	-418.38	4118.25	-1.674e+04	1.462e+05
18	364	1.363e+05	-5.67e-03	-0.04	-240.00	0.0	-356.00	467.44	-401.56	1007.33	-5.67e-03	1.379e+04
		1.379e+04	-1.606e+04	-5.79e-05	0.0	40.0	-356.00	227.44	-401.56	1007.33	-1.606e+04	1.363e+05
18	369	1.462e+05	-0.01	-0.02	-240.00	0.0	-553.04	535.03	-418.77	4196.45	-0.01	2.198e+04
		2.196e+04	-1.675e+04	-3.75e-04	0.0	40.0	-553.04	295.03	-418.77	4196.45	-1.675e+04	1.462e+05
18	372	1.363e+05	-5.63e-03	-0.04	-240.00	0.0	-356.72	466.70	-401.18	929.13	-5.63e-03	1.381e+04
		1.381e+04	-1.605e+04	-5.73e-05	0.0	40.0	-356.72	226.70	-401.18	929.13	-1.605e+04	1.363e+05
18	383	1.418e+05	-8.69e-03	-0.03	-240.00	0.0	-444.09	520.01	-503.34	2979.83	-8.69e-03	1.762e+04
		1.762e+04	-2.013e+04	-1.53e-04	0.0	40.0	-444.09	280.01	-503.34	2979.83	-2.013e+04	1.418e+05
19	49	3.341e+05	3.313e+04	-0.05	-324.00	0.0	-1073.28	1198.60	828.34	-1.050e+04	0.03	4.289e+04

		4.289e+04	0.03	6.25e-04	0.0	40.0	-1073.28	874.60	828.34	-1.050e+04	3.313e+04	3.341e+05
19	115	1.581e+05	3.527e+04	-0.07	-324.00	0.0	-1000.16	-1940.80	881.82	-2815.15	0.02	4.017e+04
		4.017e+04	0.02	4.95e-04	0.0	40.0	-1000.16	-2264.80	881.82	-2815.15	3.527e+04	1.581e+05
19	126	1.134e+05	1.445e+04	-0.03	-240.00	0.0	-380.70	372.75	361.34	-3679.99	0.01	1.496e+04
		1.496e+04	0.01	2.02e-04	0.0	40.0	-380.70	132.75	361.34	-3679.99	1.445e+04	1.134e+05
19	140	2.682e+04	2.597e+04	-0.04	-240.00	0.0	-660.65	-3269.86	649.37	2383.33	8.77e-03	2.682e+04
		3696.90	8.77e-03	2.84e-04	0.0	40.0	-660.65	-3509.86	649.37	2383.33	2.597e+04	3696.90
19	178	2.680e+04	2.592e+04	-0.04	-240.00	0.0	-661.12	-3256.18	647.89	2998.08	7.84e-03	2.680e+04
		5402.04	7.84e-03	2.75e-04	0.0	40.0	-661.12	-3496.18	647.89	2998.08	2.592e+04	5402.04
19	210	2.219e+05	2.200e+04	-0.04	-240.00	0.0	-720.81	781.99	550.10	-8002.01	0.02	2.883e+04
		2.883e+04	0.02	4.33e-04	0.0	40.0	-720.81	541.99	550.10	-8002.01	2.200e+04	2.219e+05
19	264	9.446e+04	2.522e+04	-0.04	-240.00	0.0	-665.49	-1513.66	630.48	-312.10	0.01	2.663e+04
		2.663e+04	0.01	2.99e-04	0.0	40.0	-665.49	-1753.66	630.48	-312.10	2.522e+04	9.446e+04
19	289	2.224e+05	2.198e+04	-0.04	-240.00	0.0	-720.22	787.72	549.56	-7754.11	0.02	2.878e+04
		2.878e+04	0.02	4.30e-04	0.0	40.0	-720.22	547.72	549.56	-7754.11	2.198e+04	2.224e+05
19	295	4.530e+04	2.396e+04	-0.04	-240.00	0.0	-620.25	-2258.31	599.02	1631.45	8.39e-03	2.496e+04
		2.496e+04	8.39e-03	2.65e-04	0.0	40.0	-620.25	-2498.31	599.02	1631.45	2.396e+04	4.530e+04
19	308	1.251e+05	1.463e+04	-0.04	-240.00	0.0	-408.95	436.58	365.79	-3188.19	9.92e-03	1.606e+04
		1.606e+04	9.92e-03	2.11e-04	0.0	40.0	-408.95	196.58	365.79	-3188.19	1.463e+04	1.251e+05
19	311	1.929e+05	2.053e+04	-0.03	-240.00	0.0	-618.32	693.20	513.27	-4754.73	0.02	2.454e+04
		2.454e+04	0.02	3.26e-04	0.0	40.0	-618.32	453.20	513.27	-4754.73	2.053e+04	1.929e+05
19	312	7.767e+04	2.250e+04	-0.04	-240.00	0.0	-602.44	-1533.27	562.57	851.82	8.51e-03	2.415e+04
		2.415e+04	8.51e-03	2.57e-04	0.0	40.0	-602.44	-1773.27	562.57	851.82	2.250e+04	7.767e+04
19	314	1.395e+05	1.557e+04	-0.04	-240.00	0.0	-450.02	496.30	389.23	-2885.68	9.92e-03	1.773e+04
		1.773e+04	9.92e-03	2.21e-04	0.0	40.0	-450.02	256.30	389.23	-2885.68	1.557e+04	1.395e+05
19	324	1.412e+05	1.640e+04	-0.03	-240.00	0.0	-454.88	500.86	409.97	-2562.79	9.50e-03	1.788e+04
		1.788e+04	9.50e-03	2.16e-04	0.0	40.0	-454.88	260.86	409.97	-2562.79	1.640e+04	1.412e+05
19	327	1.315e+05	1.647e+04	-0.04	-240.00	0.0	-264.02	433.30	411.78	839.12	1.72e-03	9947.66
		9947.66	1.72e-03	-1.10e-04	0.0	40.0	-264.02	193.30	411.78	839.12	1.647e+04	1.315e+05
19	338	1.511e+05	1.712e+04	-0.02	-240.00	0.0	-652.60	567.19	428.11	-5664.20	0.02	2.608e+04
		2.608e+04	0.02	5.31e-04	0.0	40.0	-652.60	327.19	428.11	-5664.20	1.712e+04	1.511e+05
19	339	1.313e+05	1.567e+04	-0.04	-240.00	0.0	-257.16	434.54	391.84	538.62	1.86e-03	9680.48
		9680.48	1.86e-03	-1.03e-04	0.0	40.0	-257.16	194.54	391.84	538.62	1.567e+04	1.313e+05
19	356	1.424e+05	2.391e+04	-0.03	-240.00	0.0	-433.73	539.75	597.86	-3433.09	7.88e-03	1.738e+04
		1.738e+04	7.88e-03	8.95e-05	0.0	40.0	-433.73	299.75	597.86	-3433.09	2.391e+04	1.424e+05
19	362	1.462e+05	1.675e+04	-0.02	-240.00	0.0	-553.04	535.03	418.77	-4196.45	0.01	2.196e+04
		2.196e+04	0.01	3.75e-04	0.0	40.0	-553.04	295.03	418.77	-4196.45	1.675e+04	1.462e+05
19	363	1.363e+05	1.605e+04	-0.04	-240.00	0.0	-356.72	466.70	401.18	-929.13	5.63e-03	1.381e+04
		1.381e+04	5.63e-03	5.73e-05	0.0	40.0	-356.72	226.70	401.18	-929.13	1.605e+04	1.363e+05
19	370	1.462e+05	1.674e+04	-0.02	-240.00	0.0	-553.76	534.29	418.38	-4118.25	0.01	2.198e+04
		2.198e+04	0.01	3.74e-04	0.0	40.0	-553.76	294.29	418.38	-4118.25	1.674e+04	1.462e+05
19	371	1.363e+05	1.606e+04	-0.04	-240.00	0.0	-356.00	467.44	401.56	-1007.34	5.67e-03	1.379e+04
		1.379e+04	5.67e-03	5.79e-05	0.0	40.0	-356.00	227.44	401.56	-1007.34	1.606e+04	1.363e+05
19	388	1.418e+05	2.013e+04	-0.03	-240.00	0.0	-444.09	520.01	503.34	-2979.82	8.69e-03	1.762e+04
		1.762e+04	8.69e-03	1.53e-04	0.0	40.0	-444.09	280.01	503.34	-2979.82	2.013e+04	1.418e+05
20	17	5.331e+04	8.52e-03	-0.06	-324.00	0.0	-828.42	-4357.73	-1348.17	-7208.10	8.52e-03	2.909e+04
		2.909e+04	-5.393e+04	1.23e-04	0.0	40.0	-828.42	-4681.73	-1348.17	-7208.10	-5.393e+04	5.331e+04
20	49	3.162e+05	-0.03	-0.05	-324.00	0.0	-784.20	1022.79	-1398.17	9733.40	-0.03	3.176e+04
		3.176e+04	-5.593e+04	-2.93e-04	0.0	40.0	-784.20	698.79	-1398.17	9733.40	-5.593e+04	3.162e+05
20	140	1.922e+04	0.01	-0.04	-240.00	0.0	-576.55	-4749.76	-824.48	-9201.27	0.01	1.922e+04
		-5.870e+04	-3.298e+04	9.00e-05	0.0	40.0	-576.55	-4989.76	-824.48	-9201.27	-3.298e+04	-5.870e+04
20	150	1.731e+05	0.04	-0.12	-240.00	0.0	-220.15	795.49	-705.87	-1746.04	0.04	8376.38
		8376.38	-2.823e+04	6.13e-04	0.0	40.0	-220.15	555.49	-705.87	-1746.04	-2.823e+04	1.731e+05
20	152	1.340e+05	0.03	-0.10	-240.00	0.0	-180.49	567.76	-547.06	-1275.93	0.03	7323.52
		7323.52	-2.188e+04	4.56e-04	0.0	40.0	-180.49	327.76	-547.06	-1275.93	-2.188e+04	1.340e+05
20	264	5.711e+04	-4.84e-03	-0.04	-240.00	0.0	-558.30	-2432.78	-887.39	-2242.79	-4.84e-03	2.081e+04
		2.081e+04	-3.550e+04	-1.05e-04	0.0	40.0	-558.30	-2672.78	-887.39	-2242.79	-3.550e+04	5.711e+04
20	276	1.896e+04	3.14e-03	-0.04	-240.00	0.0	-536.59	-3423.12	-813.88	-5512.58	3.14e-03	1.896e+04
		-3082.68	-3.256e+04	4.06e-05	0.0	40.0	-536.59	-3663.12	-813.88	-5512.58	-3.256e+04	-3082.68
20	281	1.261e+05	0.02	-0.09	-240.00	0.0	-197.12	486.13	-544.21	-147.48	0.02	8431.10
		8431.10	-2.177e+04	3.10e-04	0.0	40.0	-197.12	246.13	-544.21	-147.48	-2.177e+04	1.261e+05
20	289	2.082e+05	-0.02	-0.04	-240.00	0.0	-505.32	668.69	-920.95	5518.50	-0.02	2.054e+04
		2.054e+04	-3.764e+04	-1.40e-04	-40.08	40.0	-505.32	428.69	-961.03	5518.50	-3.764e+04	2.082e+05
20	312	4.448e+04	-8.63e-03	-0.04	-240.00	0.0	-538.48	-2436.58	-832.66	-1753.81	-8.63e-03	1.984e+04
		1.984e+04	-3.331e+04	-1.62e-04	0.0	40.0	-538.48	-2676.58	-832.66	-1753.81	-3.331e+04	4.448e+04
20	313	1.414e+05	1.75e-03	-0.08	-240.00	0.0	-283.88	495.36	-630.41	2270.02	1.75e-03	1.194e+04
		1.194e+04	-2.522e+04	1.17e-04	0.0	40.0	-283.88	255.36	-630.41	2270.02	-2.522e+04	1.414e+05
20	316	1.905e+05	-0.03	-0.03	-240.00	0.0	-513.91	552.60	-860.44	7658.14	-0.03	2.132e+04
		2.132e+04	-3.442e+04	-3.43e-04	0.0	40.0	-513.91	312.60	-860.44	7658.14	-3.442e+04	1.905e+05
20	324	1.373e+05	-0.02	-0.03	-240.00	0.0	-362.13	363.51	-644.70	4640.68	-0.02	1.530e+04
		1.530e+04	-2.579e+04	-1.97e-04	0.0	40.0	-362.13	123.51	-644.70	4640.68	-2.579e+04	1.373e+05
20	340	1.263e+05	3.39e-03	-0.04	-240.00	0.0	-149.83	307.14	-426.62	-278.27	3.39e-03	6445.82
		6445.82	-1.706e+04	3.93e-04	0.0	40.0	-149.83	67.14	-426.62	-278.27	-1.706e+04	1.263e+05
20	349	1.494e+05	-0.04	-0.03	-240.00	0.0	-590.79	433.36	-911.55	8643.36	-0.04	2.477e+04
		2.477e+04	-3.646e+04	-7.34e-04	0.0	40.0	-590.79	193.36	-911.55	8643.36	-3.646e+04	1.494e+05
20	352	1.251e+05	7.68e-04	-0.03	-240.00	0.0	-133.47	293.66	-377.86	638.00	7.68e-04	5827.65
		5827.65	-1.511e+04	3.40e-04	0.0	40.0	-133.47	53.66	-377.86	638.00	-1.511e+04	1.251e+05

20	353	1.493e+05	-0.04	-0.03	-240.00	0.0	-589.30	432.73	-913.66	8678.52	-0.04	2.469e+04
		2.469e+04	-3.655e+04	-7.38e-04	0.0	40.0	-589.30	192.73	-913.66	8678.52	-3.655e+04	1.493e+05
20	372	1.318e+05	-7.39e-03	-0.04	-240.00	0.0	-256.00	335.45	-535.46	2184.66	-7.39e-03	1.088e+05
		1.088e+04	-2.142e+04	1.09e-04	0.0	40.0	-256.00	95.45	-535.46	2184.66	-2.142e+04	1.318e+05
20	381	1.433e+05	-0.03	-0.03	-240.00	0.0	-475.70	398.19	-777.36	6624.51	-0.03	2.000e+04
		2.000e+04	-3.109e+04	-4.64e-04	0.0	40.0	-475.70	158.19	-777.36	6624.51	-3.109e+04	1.433e+05
20	384	1.312e+05	-8.75e-03	-0.03	-240.00	0.0	-248.56	328.83	-512.05	2656.85	-8.75e-03	1.060e+04
		1.060e+04	-2.048e+04	8.50e-05	0.0	40.0	-248.56	88.83	-512.05	2656.85	-2.048e+04	1.312e+05
20	385	1.432e+05	-0.03	-0.03	-240.00	0.0	-475.01	397.89	-778.41	6642.24	-0.03	1.996e+04
		1.996e+04	-3.114e+04	-4.66e-04	0.0	40.0	-475.01	157.89	-778.41	6642.24	-3.114e+04	1.432e+05
21	117	3.483e+06	6.824e+04	-0.24	-745.88	0.0	1.507e+05	1.983e+04	803.93	-6.672e+04	-5788.22	2.345e+06
		2.345e+06	-5788.22	-8.61e-04	0.0	92.1	1.507e+05	1.909e+04	803.93	-6.672e+04	6.824e+04	3.483e+06
21	127	1.676e+06	4.272e+04	-0.11	-745.88	0.0	9.193e+04	8818.02	480.50	-2.644e+04	-7893.27	1.182e+06
		1.182e+06	-7893.27	-3.65e-04	138.40	92.1	9.193e+04	8072.15	618.90	-2.644e+04	4.272e+04	1.676e+06
21	149	4.278e+06	6.489e+04	-0.29	-745.88	0.0	1.817e+05	2.459e+04	714.89	-1.109e+05	-7315.47	2.858e+06
		2.858e+06	-7315.47	-6.42e-04	138.40	92.1	1.817e+05	2.385e+04	853.29	-1.109e+05	6.489e+04	4.278e+06
21	164	7.901e+05	2.749e+04	-0.05	-552.50	0.0	3.962e+04	4023.79	325.35	5373.78	-2468.28	5.716e+05
		5.716e+05	-2468.28	-3.41e-04	0.0	92.1	3.962e+04	3471.29	325.35	5373.78	2.749e+04	7.901e+05
21	206	7.677e+05	2.813e+04	-0.05	-552.50	0.0	4.042e+04	4049.99	327.38	5483.79	-2013.05	5.488e+05
		5.488e+05	-2013.05	-4.87e-04	0.0	92.1	4.042e+04	3497.49	327.38	5483.79	2.813e+04	7.677e+05
21	231	7.126e+05	3.459e+04	-0.05	-552.50	0.0	4.391e+04	4122.46	409.96	8687.16	-3161.41	4.912e+05
		4.912e+05	-3161.41	-5.91e-04	0.0	92.1	4.391e+04	3569.96	409.96	8687.16	3.459e+04	7.126e+05
21	270	1.237e+06	3.087e+04	-0.08	-552.50	0.0	6.797e+04	6523.74	350.80	-1.972e+04	-5676.14	8.719e+05
		8.719e+05	-5676.14	-2.77e-04	92.27	92.1	6.797e+04	5971.24	443.06	-1.972e+04	3.087e+04	1.237e+06
21	281	2.677e+06	5.242e+04	-0.18	-552.50	0.0	1.095e+05	1.580e+04	557.64	-5.513e+04	-3179.38	1.769e+06
		1.769e+06	-3179.38	-6.36e-04	92.27	92.1	1.095e+05	1.525e+04	649.90	-5.513e+04	5.242e+04	2.677e+06
21	288	8.047e+05	3.269e+04	-0.05	-552.50	0.0	4.126e+04	4102.39	388.63	6215.07	-3094.81	5.831e+05
		5.831e+05	-3094.81	-4.68e-04	0.0	92.1	4.126e+04	3549.89	388.63	6215.07	3.269e+04	8.047e+05
21	310	7.903e+05	3.263e+04	-0.05	-552.50	0.0	4.177e+04	4112.59	388.57	6054.97	-3154.55	5.678e+05
		5.678e+05	-3154.55	-4.38e-04	0.0	92.1	4.177e+04	3560.09	388.57	6054.97	3.263e+04	7.903e+05
21	311	9.432e+05	3.172e+04	-0.06	-552.50	0.0	5.283e+04	5076.92	384.43	-4045.43	-3675.27	6.648e+05
		6.648e+05	-3675.27	-5.11e-04	0.0	92.1	5.283e+04	4524.42	384.43	-4045.43	3.172e+04	9.432e+05
21	313	2.194e+06	4.609e+04	-0.15	-552.50	0.0	9.272e+04	1.288e+04	527.93	-4.010e+04	-2526.76	1.458e+06
		1.458e+06	-2526.76	-7.25e-04	0.0	92.1	9.272e+04	1.233e+04	527.93	-4.010e+04	4.609e+04	2.194e+06
21	316	7.220e+05	3.474e+04	-0.05	-552.50	0.0	4.363e+04	4125.73	407.78	8378.00	-2810.57	5.011e+05
		5.011e+05	-2810.57	-6.89e-04	0.0	92.1	4.363e+04	3573.23	407.78	8378.00	3.474e+04	7.220e+05
21	324	7.897e+05	3.312e+04	-0.05	-552.50	0.0	4.179e+04	4119.83	389.98	6287.38	-2792.93	5.679e+05
		5.679e+05	-2792.93	-5.66e-04	0.0	92.1	4.179e+04	3567.33	389.98	6287.38	3.312e+04	7.897e+05
21	330	5.225e+05	3.754e+04	-0.03	-552.50	0.0	5.457e+04	3262.37	457.84	7197.24	-4989.07	3.698e+05
		3.698e+05	-4989.07	-3.35e-04	0.0	92.1	5.457e+04	2709.87	457.84	7197.24	3.754e+04	5.225e+05
21	337	5.262e+05	3.926e+04	-0.03	-552.50	0.0	5.519e+04	3345.47	475.49	8991.21	-4218.62	3.587e+05
		3.587e+05	-4218.62	-9.01e-04	0.0	92.1	5.519e+04	2792.97	475.49	8991.21	3.926e+04	5.262e+05
21	339	1.058e+06	2.858e+04	-0.07	-552.50	0.0	2.888e+04	4985.87	321.12	5232.04	-598.40	7.669e+05
		7.669e+05	-598.40	-8.39e-04	0.0	92.1	2.888e+04	4433.37	321.12	5232.04	2.858e+04	1.058e+06
21	340	1.053e+06	2.697e+04	-0.07	-552.50	0.0	2.839e+04	4894.18	304.46	3583.55	-1367.24	7.771e+05
		7.771e+05	-1367.24	-2.63e-04	0.0	92.1	2.839e+04	4341.68	304.46	3583.55	2.697e+04	1.053e+06
21	362	6.522e+05	3.537e+04	-0.04	-552.50	0.0	4.829e+04	3683.01	424.56	6740.95	-3906.34	4.659e+05
		4.659e+05	-3906.34	-4.44e-04	0.0	92.1	4.829e+04	3130.51	424.56	6740.95	3.537e+04	6.522e+05
21	367	9.283e+05	3.069e+04	-0.06	-552.50	0.0	3.500e+04	4550.00	354.70	5686.46	-1712.97	6.750e+05
		6.750e+05	-1712.97	-6.73e-04	0.0	92.1	3.500e+04	3997.50	354.70	5686.46	3.069e+04	9.283e+05
21	369	6.541e+05	3.622e+04	-0.04	-552.50	0.0	4.860e+04	3724.24	433.29	7632.94	-3526.54	4.604e+05
		4.604e+05	-3526.54	-7.29e-04	0.0	92.1	4.860e+04	3171.74	433.29	7632.94	3.622e+04	6.541e+05
21	372	9.253e+05	3.001e+04	-0.06	-552.50	0.0	3.498e+04	4515.41	346.66	4941.82	-2059.32	6.755e+05
		6.755e+05	-2059.32	-4.12e-04	0.0	92.1	3.498e+04	3962.91	346.66	4941.82	3.001e+04	9.253e+05
22	149	3.875e+06	-1.255e+04	-0.27	-745.88	0.0	1.640e+05	2.152e+04	-1233.17	-1.067e+05	-1.255e+04	2.633e+06
		2.633e+06	-1.261e+05	2.07e-03	0.0	92.1	1.640e+05	2.078e+04	-1233.17	-1.067e+05	-1.261e+05	3.875e+06
22	164	7.876e+05	-378.65	-0.05	-552.50	0.0	3.909e+04	3999.86	-112.84	-4942.69	-378.65	5.650e+05
		5.650e+05	-1.077e+04	1.91e-04	0.0	92.1	3.909e+04	3447.36	-112.84	-4942.69	-1.077e+04	7.876e+05
22	206	7.649e+05	153.47	-0.05	-552.50	0.0	3.984e+04	4011.31	-111.68	-5058.67	153.47	5.418e+05
		5.418e+05	-1.013e+04	-7.39e-05	0.0	92.1	3.984e+04	3458.81	-111.68	-5058.67	-1.013e+04	7.649e+05
22	231	7.151e+05	-388.67	-0.05	-552.50	0.0	4.310e+04	4174.84	-97.74	-4384.90	-388.67	4.814e+05
		4.814e+05	-9388.63	-1.05e-04	0.0	92.1	4.310e+04	3622.34	-97.74	-4384.90	-9388.63	7.151e+05
22	262	9.588e+05	-238.09	-0.06	-552.50	0.0	4.886e+04	4898.30	-150.54	-7645.71	-238.09	6.820e+05
		6.820e+05	-1.410e+04	1.90e-04	0.0	92.1	4.886e+04	4345.80	-150.54	-7645.71	-1.410e+04	9.588e+05
22	281	2.494e+06	-6626.10	-0.17	-552.50	0.0	1.010e+05	1.435e+04	-705.84	-4.713e+04	-6626.10	1.662e+06
		1.662e+06	-7.162e+04	1.16e-03	0.0	92.1	1.010e+05	1.380e+04	-705.84	-4.713e+04	-7.162e+04	2.494e+06
22	288	8.038e+05	-366.24	-0.05	-552.50	0.0	4.039e+04	4149.66	-108.87	-5818.05	-366.24	5.712e+05
		5.712e+05	-1.039e+04	1.28e-04	0.0	92.1	4.039e+04	3597.16	-108.87	-5818.05	-1.039e+04	8.038e+05
22	309	7.886e+05	-13.39	-0.05	-552.50	0.0	4.089e+04	4157.31	-108.12	-5896.68	-13.39	5.558e+05
		5.558e+05	-9969.82	-9.77e-05	0.0	92.1	4.089e+04	3604.81	-108.12	-5896.68	-9969.82	7.886e+05
22	313	2.058e+06	-4618.49	-0.14	-552.50	0.0	8.622e+04	1.179e+04	-545.96	-3.602e+04	-4618.49	1.376e+06
		1.376e+06	-5.489e+04	7.61e-04	0.0	92.1	8.622e+04	1.124e+04	-545.96	-3.602e+04	-5.489e+04	2.058e+06
22	316	7.243e+05	8.94	-0.05	-552.50	0.0	4.280e+04	4169.77	-95.60	-4516.93	8.94	4.910e+05
		4.910e+05	-8794.29	-2.38e-04	0.0	92.1	4.280e+04	3617.27	-95.60	-4516.93	-8794.29	7.243e+05
22	324	7.886e+05	-13.39	-0.05	-552.50	0.0	4.089e+04	4157.31	-108.12	-5896.68	-13.39	5.558e+05
		5.558e+05	-9969.82	-9.77e-05	0.0	92.1	4.089e+04	3604.81	-108.12	-5896.68	-9969.82	7.886e+05
22	334	5.294e+05	-923.34	-0.03	-552.50	0.0	5.402e+04	4939.22	-92.35	-3861.01	-923.34	3.508e+05

		3.508e+05	-9058.25	1.60e-04	0.0	92.1	5.402e+04	4386.72	-92.35	-3861.01	-9058.25	5.294e+05
22	336	1.051e+06	219.54	-0.07	-552.50	0.0	2.793e+04	3394.64	-136.13	-8879.79	219.54	7.557e+05
		7.557e+05	-1.200e+04	1.62e-04	0.0	92.1	2.793e+04	2842.14	-136.13	-8879.79	-1.200e+04	1.051e+06
22	338	5.283e+05	-880.07	-0.03	-552.50	0.0	5.402e+04	4941.77	-99.93	-4021.62	-880.07	3.519e+05
		3.519e+05	-9772.75	3.28e-04	0.0	92.1	5.402e+04	4389.27	-99.93	-4021.62	-9772.75	5.283e+05
22	339	1.049e+06	853.30	-0.07	-552.50	0.0	2.775e+04	3372.84	-116.32	-7771.74	853.30	7.597e+05
		7.597e+05	-1.017e+04	-5.07e-04	0.0	92.1	2.775e+04	2820.34	-116.32	-7771.74	-1.017e+04	1.049e+06
22	343	8.606e+05	1303.23	-0.06	-552.50	0.0	3.671e+04	3893.77	-94.20	-5016.50	1303.23	6.248e+05
		6.248e+05	-8528.29	-7.13e-04	0.0	92.1	3.671e+04	3341.27	-94.20	-5016.50	-8528.29	8.606e+05
22	356	8.692e+05	-826.09	-0.06	-552.50	0.0	3.727e+04	3966.19	-160.35	-8763.94	-826.09	6.116e+05
		6.116e+05	-1.466e+04	1.22e-03	0.0	92.1	3.727e+04	3413.69	-160.35	-8763.94	-1.466e+04	8.692e+05
22	366	6.548e+05	-443.47	-0.04	-552.50	0.0	4.754e+04	4556.77	-102.42	-4905.63	-443.47	4.506e+05
		4.506e+05	-9660.07	1.46e-04	0.0	92.1	4.754e+04	4004.27	-102.42	-4905.63	-9660.07	6.548e+05
22	368	9.234e+05	142.48	-0.06	-552.50	0.0	3.430e+04	3769.00	-124.86	-7466.24	142.48	6.590e+05
		6.590e+05	-1.117e+04	1.47e-04	0.0	92.1	3.430e+04	3216.50	-124.86	-7466.24	-1.117e+04	9.234e+05
22	370	6.546e+05	-451.41	-0.04	-552.50	0.0	4.755e+04	4557.22	-103.69	-4931.83	-451.41	4.509e+05
		4.509e+05	-9847.74	1.69e-04	0.0	92.1	4.755e+04	4004.72	-103.69	-4931.83	-9847.74	6.546e+05
22	371	9.225e+05	424.64	-0.06	-552.50	0.0	3.422e+04	3757.40	-112.56	-6861.53	424.64	6.607e+05
		6.607e+05	-1.009e+04	-3.02e-04	0.0	92.1	3.422e+04	3204.90	-112.56	-6861.53	-1.009e+04	9.225e+05
22	383	8.277e+05	566.19	-0.05	-552.50	0.0	3.876e+04	4019.15	-88.82	-5201.90	566.19	5.894e+05
		5.894e+05	-8082.31	-7.56e-04	0.0	92.1	3.876e+04	3466.65	-88.82	-5201.90	-8082.31	8.277e+05
22	388	8.300e+05	-408.99	-0.05	-552.50	0.0	3.905e+04	4059.24	-134.10	-7332.29	-408.99	5.846e+05
		5.846e+05	-1.230e+04	5.58e-04	0.0	92.1	3.905e+04	3506.74	-134.10	-7332.29	-1.230e+04	8.300e+05
23	126	7.870e+05	7866.75	-0.05	-552.50	0.0	3.905e+04	3992.28	95.23	4056.09	-902.14	5.657e+05
		5.657e+05	-902.14	4.17e-04	0.0	92.1	3.905e+04	3439.78	95.23	4056.09	7866.75	7.870e+05
23	150	3.303e+06	1.197e+04	-0.23	-552.50	0.0	1.335e+05	1.830e+04	217.02	-1.097e+05	-8013.68	2.224e+06
		2.224e+06	-8013.68	1.58e-03	0.0	92.1	1.335e+05	1.775e+04	217.02	-1.097e+05	1.197e+04	3.303e+06
23	177	1.381e+06	2.776e+04	-0.08	-745.88	0.0	6.965e+04	4758.69	287.31	2.821e+04	1307.56	1.118e+06
		1.118e+06	1307.56	2.82e-04	0.0	92.1	6.965e+04	4012.81	287.31	2.821e+04	2.776e+04	1.381e+06
23	187	3.609e+06	1.729e+04	-0.24	-745.88	0.0	1.491e+05	1.995e+04	270.80	-1.050e+05	-7647.52	2.436e+06
		2.436e+06	-7647.52	1.51e-03	0.0	92.1	1.491e+05	1.921e+04	270.80	-1.050e+05	1.729e+04	3.609e+06
23	206	7.649e+05	1.013e+04	-0.05	-552.50	0.0	3.984e+04	4011.31	111.68	5058.67	-153.47	5.418e+05
		5.418e+05	-153.47	7.39e-05	0.0	92.1	3.984e+04	3458.81	111.68	5058.67	1.013e+04	7.649e+05
23	231	7.157e+05	1.027e+04	-0.05	-552.50	0.0	4.289e+04	4159.73	112.87	6998.00	-120.34	4.825e+05
		4.825e+05	-120.34	8.05e-05	0.0	92.1	4.289e+04	3607.23	112.87	6998.00	1.027e+04	7.157e+05
23	269	8.033e+05	8464.79	-0.05	-552.50	0.0	4.036e+04	4144.63	97.18	5229.60	-483.84	5.717e+05
		5.717e+05	-483.84	3.25e-04	0.0	92.1	4.036e+04	3592.13	97.18	5229.60	8464.79	8.033e+05
23	270	1.041e+06	1620.03	-0.07	-552.50	0.0	5.723e+04	5618.91	63.53	-2.220e+04	-4230.29	7.193e+05
		7.193e+05	-4230.29	4.73e-04	0.0	92.1	5.723e+04	5066.41	63.53	-2.220e+04	1620.03	1.041e+06
23	295	1.019e+06	2.061e+04	-0.06	-552.50	0.0	5.152e+04	3508.06	212.99	2.075e+04	994.17	8.252e+05
		8.252e+05	994.17	1.90e-04	0.0	92.1	5.152e+04	2955.56	212.99	2.075e+04	2.061e+04	1.019e+06
23	300	2.374e+06	1.958e+04	-0.16	-552.50	0.0	9.514e+04	1.330e+04	232.21	-5.063e+04	-1797.74	1.596e+06
		1.596e+06	-1797.74	9.46e-04	0.0	92.1	9.514e+04	1.274e+04	232.21	-5.063e+04	1.958e+04	2.374e+06
23	310	7.884e+05	9006.64	-0.05	-552.50	0.0	4.087e+04	4154.79	102.28	5602.45	-411.66	5.560e+05
		5.560e+05	-411.66	2.78e-04	0.0	92.1	4.087e+04	3602.29	102.28	5602.45	9006.64	7.884e+05
23	311	8.668e+05	7200.03	-0.06	-552.50	0.0	4.812e+04	4749.26	94.01	-5121.89	-1456.93	5.977e+05
		5.977e+05	-1456.93	1.56e-04	0.0	92.1	4.812e+04	4196.76	94.01	-5121.89	7200.03	8.668e+05
23	312	9.514e+05	1.808e+04	-0.06	-552.50	0.0	4.912e+04	3665.71	185.09	1.667e+04	1032.10	7.485e+05
		7.485e+05	1032.10	-1.54e-04	0.0	92.1	4.912e+04	3113.21	185.09	1.667e+04	1.808e+04	9.514e+05
23	313	1.968e+06	1.731e+04	-0.13	-552.50	0.0	8.184e+04	1.101e+04	199.50	-3.686e+04	-1061.83	1.327e+06
		1.327e+06	-1061.83	6.31e-04	0.0	92.1	8.184e+04	1.045e+04	199.50	-3.686e+04	1.731e+04	1.968e+06
23	316	7.250e+05	1.090e+04	-0.05	-552.50	0.0	4.266e+04	4162.21	115.72	6918.09	246.87	4.915e+05
		4.915e+05	246.87	-1.42e-04	0.0	92.1	4.266e+04	3609.71	115.72	6918.09	1.090e+04	7.250e+05
23	324	7.886e+05	9969.82	-0.05	-552.50	0.0	4.089e+04	4157.31	108.12	5896.68	13.39	5.558e+05
		5.558e+05	13.39	9.77e-05	0.0	92.1	4.089e+04	3604.81	108.12	5896.68	9969.82	7.886e+05
23	325	5.306e+05	9064.19	-0.03	-552.50	0.0	5.404e+04	4946.94	92.38	3915.96	921.90	3.489e+05
		3.489e+05	921.90	-1.61e-04	0.0	92.1	5.404e+04	4394.44	92.38	3915.96	9064.19	5.306e+05
23	327	1.053e+06	1.201e+04	-0.07	-552.50	0.0	2.795e+04	3402.35	136.16	8934.75	-220.99	7.538e+05
		7.538e+05	-220.99	-1.63e-04	0.0	92.1	2.795e+04	2849.85	136.16	8934.75	1.201e+04	1.053e+06
23	328	1.047e+06	1.088e+04	-0.07	-552.50	0.0	2.774e+04	3367.68	123.86	7877.40	-895.12	7.627e+05
		7.627e+05	-895.12	2.95e-04	0.0	92.1	2.774e+04	2815.18	123.86	7877.40	1.088e+04	1.047e+06
23	348	8.567e+05	8508.48	-0.06	-552.50	0.0	3.663e+04	3868.04	94.09	4833.32	-1298.40	6.312e+05
		6.312e+05	-1298.40	7.18e-04	0.0	92.1	3.663e+04	3315.54	94.09	4833.32	8508.48	8.567e+05
23	351	8.692e+05	1.466e+04	-0.06	-552.50	0.0	3.727e+04	3966.19	160.35	8763.92	826.08	6.116e+05
		6.116e+05	826.08	-1.22e-03	0.0	92.1	3.727e+04	3413.69	160.35	8763.92	1.466e+04	8.692e+05
23	357	6.548e+05	9660.08	-0.04	-552.50	0.0	4.754e+04	4556.77	102.42	4905.63	443.47	4.506e+05
		4.506e+05	443.47	-1.46e-04	0.0	92.1	4.754e+04	4004.27	102.42	4905.63	9660.08	6.548e+05
23	359	9.234e+05	1.117e+04	-0.06	-552.50	0.0	3.430e+04	3769.00	124.86	7466.24	-142.48	6.590e+05
		6.590e+05	-142.48	-1.47e-04	0.0	92.1	3.430e+04	3216.50	124.86	7466.24	1.117e+04	9.234e+05
23	361	6.546e+05	9847.74	-0.04	-552.50	0.0	4.755e+04	4557.22	103.69	4931.83	451.41	4.509e+05
		4.509e+05	451.41	-1.69e-04	0.0	92.1	4.755e+04	4004.72	103.69	4931.83	9847.74	6.546e+05
23	364	9.225e+05	1.009e+04	-0.06	-552.50	0.0	3.422e+04	3757.39	112.56	6861.53	-424.64	6.607e+05
		6.607e+05	-424.64	3.02e-04	0.0	92.1	3.422e+04	3204.89	112.56	6861.53	1.009e+04	9.225e+05
23	383	8.300e+05	1.230e+04	-0.05	-552.50	0.0	3.905e+04	4059.24	134.10	7332.28	408.99	5.846e+05
		5.846e+05	408.99	-5.58e-04	0.0	92.1	3.905e+04	3506.74	134.10	7332.28	1.230e+04	8.300e+05
23	388	8.277e+05	8082.31	-0.05	-552.50	0.0	3.876e+04	4019.15	88.82	5201.91	-566.19	5.894e+05
		5.894e+05	-566.19	7.56e-04	0.0	92.1	3.876e+04	3466.65	88.82	5201.91	8082.31	8.277e+05

24	126	7.882e+05	1378.60	-0.05	-552.50	0.0	3.967e+04	4045.58	-329.60	-6074.09	1378.60	5.720e+05
		5.720e+05	-2.897e+04	7.48e-04	0.0	92.1	3.967e+04	3493.08	-329.60	-6074.09	-2.897e+04	7.882e+05
24	161	1.093e+06	4308.44	-0.07	-745.88	0.0	5.649e+04	5608.07	-503.13	-1.076e+04	4308.44	7.930e+05
		7.930e+05	-5.264e+04	9.40e-04	-230.67	92.1	5.649e+04	4862.20	-733.80	-1.076e+04	-5.264e+04	1.093e+06
24	187	3.326e+06	-5275.75	-0.22	-745.88	0.0	1.364e+05	1.853e+04	-1491.07	-1.052e+05	-5275.75	2.273e+06
		2.273e+06	-1.490e+05	3.47e-03	-138.40	92.1	1.364e+05	1.779e+04	-1629.47	-1.052e+05	-1.490e+05	3.326e+06
24	206	7.677e+05	2013.05	-0.05	-552.50	0.0	4.042e+04	4049.99	-327.38	-5483.79	2013.05	5.488e+05
		5.488e+05	-2.813e+04	4.87e-04	0.0	92.1	4.042e+04	3497.49	-327.38	-5483.79	-2.813e+04	7.677e+05
24	231	7.150e+05	2625.09	-0.05	-552.50	0.0	4.351e+04	4092.39	-398.43	-5776.32	2625.09	4.941e+05
		4.941e+05	-3.406e+04	5.72e-04	0.0	92.1	4.351e+04	3539.89	-398.43	-5776.32	-3.406e+04	7.150e+05
24	269	8.033e+05	2371.56	-0.05	-552.50	0.0	4.129e+04	4116.86	-391.45	-6679.87	2371.56	5.833e+05
		5.833e+05	-3.367e+04	7.35e-04	0.0	92.1	4.129e+04	3564.36	-391.45	-6679.87	-3.367e+04	8.033e+05
24	287	8.057e+05	3075.28	-0.05	-552.50	0.0	4.170e+04	4143.67	-368.17	-7718.94	3075.28	5.835e+05
		5.835e+05	-3.791e+04	6.75e-04	-153.78	92.1	4.170e+04	3591.17	-521.94	-7718.94	-3.791e+04	8.057e+05
24	300	2.266e+06	-1884.89	-0.15	-552.50	0.0	9.086e+04	1.271e+04	-897.60	-4.543e+04	-1884.89	1.546e+06
		1.546e+06	-8.879e+04	2.13e-03	-92.27	92.1	9.086e+04	1.215e+04	-989.87	-4.543e+04	-8.879e+04	2.266e+06
24	309	7.897e+05	2792.93	-0.05	-552.50	0.0	4.179e+04	4119.83	-389.98	-6287.38	2792.93	5.679e+05
		5.679e+05	-3.312e+04	5.66e-04	0.0	92.1	4.179e+04	3567.33	-389.98	-6287.38	-3.312e+04	7.897e+05
24	313	1.886e+06	-729.00	-0.13	-552.50	0.0	7.872e+04	1.055e+04	-780.79	-3.498e+04	-729.00	1.291e+06
		1.291e+06	-7.263e+04	1.65e-03	0.0	92.1	7.872e+04	9992.73	-780.79	-3.498e+04	-7.263e+04	1.886e+06
24	316	7.248e+05	2950.77	-0.05	-552.50	0.0	4.331e+04	4092.32	-397.01	-5846.27	2950.77	5.032e+05
		5.032e+05	-3.361e+04	4.76e-04	0.0	92.1	4.331e+04	3539.82	-397.01	-5846.27	-3.361e+04	7.248e+05
24	324	7.897e+05	2792.93	-0.05	-552.50	0.0	4.179e+04	4119.83	-389.98	-6287.38	2792.93	5.679e+05
		5.679e+05	-3.312e+04	5.66e-04	0.0	92.1	4.179e+04	3567.33	-389.98	-6287.38	-3.312e+04	7.897e+05
24	325	5.195e+05	5056.60	-0.03	-552.50	0.0	5.515e+04	3254.34	-461.00	-7485.00	5056.60	3.562e+05
		3.562e+05	-3.808e+04	4.74e-04	0.0	92.1	5.515e+04	2701.84	-461.00	-7485.00	-3.808e+04	5.195e+05
24	328	1.060e+06	529.26	-0.07	-552.50	0.0	2.843e+04	4985.32	-318.95	-5089.75	529.26	7.797e+05
		7.797e+05	-2.816e+04	6.69e-04	0.0	92.1	2.843e+04	4432.82	-318.95	-5089.75	-2.816e+04	1.060e+06
24	330	5.262e+05	4218.62	-0.03	-552.50	0.0	5.519e+04	3345.47	-475.49	-8991.21	4218.62	3.567e+05
		3.567e+05	-3.926e+04	9.01e-04	0.0	92.1	5.519e+04	2792.97	-475.49	-8991.21	-3.926e+04	5.262e+05
24	331	1.053e+06	1367.23	-0.07	-552.50	0.0	2.839e+04	4894.19	-304.46	-3583.55	1367.23	7.771e+05
		7.771e+05	-2.697e+04	2.63e-04	0.0	92.1	2.839e+04	4341.69	-304.46	-3583.55	-2.697e+04	1.053e+06
24	333	5.204e+05	5058.21	-0.03	-552.50	0.0	5.502e+04	3262.92	-460.00	-7339.53	5058.21	3.570e+05
		3.570e+05	-3.797e+04	4.69e-04	0.0	92.1	5.502e+04	2710.42	-460.00	-7339.53	-3.797e+04	5.204e+05
24	360	9.283e+05	1712.97	-0.06	-552.50	0.0	3.500e+04	4550.00	-354.70	-5686.46	1712.97	6.750e+05
		6.750e+05	-3.069e+04	6.73e-04	0.0	92.1	3.500e+04	3997.50	-354.70	-5686.46	-3.069e+04	9.283e+05
24	362	6.541e+05	3526.54	-0.04	-552.50	0.0	4.860e+04	3724.24	-433.29	-7632.93	3526.54	4.604e+05
		4.604e+05	-3.622e+04	7.29e-04	0.0	92.1	4.860e+04	3171.74	-433.29	-7632.93	-3.622e+04	6.541e+05
24	363	9.253e+05	2059.32	-0.06	-552.50	0.0	3.498e+04	4515.41	-346.66	-4941.82	2059.32	6.755e+05
		6.755e+05	-3.001e+04	4.12e-04	0.0	92.1	3.498e+04	3962.91	-346.66	-4941.82	-3.001e+04	9.253e+05
24	369	6.522e+05	3906.34	-0.04	-552.50	0.0	4.829e+04	3683.01	-424.56	-6740.95	3906.34	4.659e+05
		4.659e+05	-3.537e+04	4.44e-04	0.0	92.1	4.829e+04	3130.51	-424.56	-6740.95	-3.537e+04	6.522e+05
25	6	-2.514e+04	-1.253e+04	3.72e-03	-480.00	0.0	-1079.36	183.22	-3.65	-305.40	-1.253e+04	-3.245e+04
		-3.735e+04	-1.311e+04	6.15e-03	0.0	160.0	-1079.36	-296.78	-3.65	-305.40	-1.311e+04	-3.735e+04
25	128	-3.226e+04	-1.134e+04	-0.04	-480.00	0.0	-2140.33	348.24	99.40	4449.57	-2.724e+04	-4.734e+04
		-4.734e+04	-2.724e+04	9.48e-03	0.0	160.0	-2140.33	-131.76	99.40	4449.57	-1.134e+04	-3.761e+04
25	149	-1.241e+05	-3.437e+04	-0.10	-648.00	0.0	-3952.69	820.43	274.25	1.203e+04	-7.825e+04	-1.668e+05
		-1.668e+05	-7.825e+04	0.03	0.0	160.0	-3952.69	172.43	274.25	1.203e+04	-3.437e+04	-1.245e+05
25	187	-1.264e+05	-3.484e+04	-0.10	-648.00	0.0	-4198.94	837.98	268.62	1.183e+04	-7.782e+04	-1.705e+05
		-1.705e+05	-7.782e+04	0.03	0.0	160.0	-4198.94	189.98	268.62	1.183e+04	-3.484e+04	-1.267e+05
25	206	-2.293e+04	-1.239e+04	3.62e-03	-480.00	0.0	-1169.31	176.84	-8.15	-357.53	-1.239e+04	-2.945e+04
		-3.616e+04	-1.369e+04	6.14e-03	0.0	160.0	-1169.31	-303.16	-8.15	-357.53	-1.369e+04	-3.616e+04
25	225	-3.524e+04	-1.555e+04	1.81e-03	-480.00	0.0	-1494.50	56.15	2.27	38.84	-1.591e+04	-3.766e+04
		-5.677e+04	-1.591e+04	7.54e-03	0.0	160.0	-1494.50	-423.85	2.27	38.84	-1.555e+04	-5.677e+04
25	231	-2.390e+04	-1.203e+04	5.93e-03	-480.00	0.0	-1718.96	42.85	-16.76	-658.99	-1.203e+04	-2.632e+04
		-4.545e+04	-1.471e+04	6.34e-03	0.0	160.0	-1718.96	-437.15	-16.76	-658.99	-1.471e+04	-4.545e+04
25	281	-8.468e+04	-2.664e+04	-0.04	-480.00	0.0	-2283.06	476.75	129.48	5496.92	-4.736e+04	-1.070e+05
		-1.070e+05	-4.736e+04	0.02	0.0	160.0	-2283.06	-3.25	129.48	5496.92	-2.664e+04	-8.683e+04
25	287	-3.468e+04	-1.198e+04	6.64e-03	-480.00	0.0	-1814.33	56.69	-12.57	-631.98	-1.198e+04	-3.720e+04
		-5.591e+04	-1.400e+04	6.16e-03	0.0	160.0	-1814.33	-423.31	-12.57	-631.98	-1.400e+04	-5.591e+04
25	300	-8.639e+04	-2.696e+04	-0.04	-480.00	0.0	-2447.23	488.45	125.73	5368.44	-4.707e+04	-1.095e+05
		-1.095e+05	-4.707e+04	0.02	0.0	160.0	-2447.23	8.45	125.73	5368.44	-2.696e+04	-8.828e+04
25	310	-2.981e+04	-1.240e+04	5.27e-03	-480.00	0.0	-1538.71	55.92	-8.46	-479.10	-1.240e+04	-3.235e+04
		-5.096e+04	-1.376e+04	6.23e-03	0.0	160.0	-1538.71	-424.08	-8.46	-479.10	-1.376e+04	-5.096e+04
25	313	-7.172e+04	-2.393e+04	-0.03	-480.00	0.0	-2121.88	377.78	90.79	3929.42	-3.846e+04	-8.711e+04
		-8.711e+04	-3.846e+04	0.02	0.0	160.0	-2121.88	-102.22	90.79	3929.42	-2.393e+04	-7.688e+04
25	316	-2.426e+04	-1.201e+04	5.77e-03	-480.00	0.0	-1714.55	43.03	-17.82	-654.98	-1.201e+04	-2.643e+04
		-4.657e+04	-1.486e+04	6.30e-03	0.0	160.0	-1714.55	-436.97	-17.82	-654.98	-1.486e+04	-4.657e+04
25	324	-2.944e+04	-1.225e+04	5.37e-03	-480.00	0.0	-1554.63	54.32	-11.78	-528.34	-1.225e+04	-3.172e+04
		-5.140e+04	-1.413e+04	6.22e-03	0.0	160.0	-1554.63	-425.68	-11.78	-528.34	-1.413e+04	-5.140e+04
25	325	-1.310e+04	-2.67e-03	2.67e-03	-480.00	0.0	-2228.51	10.03	-9.97	-356.12	-2.43e+04	-1.675e+04
		-3.148e+04	-1.402e+04	6.11e-03	0.0	160.0	-2228.51	-469.97	-9.97	-356.12	-1.402e+04	-3.148e+04
25	328	-4.546e+04	-1.207e+04	8.07e-03	-480.00	0.0	-880.74	98.62	-13.59	-700.56	-1.207e+04	-4.669e+04
		-7.132e+04	-1.424e+04	6.32e-03	0.0	160.0	-880.74	-381.38	-13.59	-700.56	-1.424e+04	-7.132e+04
25	351	-3.317e+04	-9917.88	6.75e-03	-480.00	0.0	-1406.88	62.32	-40.51	-990.38	-9917.88	-3.507e+04
		-5.629e+04	-1.640e+04	5.69e-03	0.0	160.0	-1406.88	-417.68	-40.51	-990.38	-1.640e+04	-5.629e+04
25	361	-2.130e+04	-1.217e+04	4.33e-03	-480.00	0.0	-1884.73	33.45	-13.03	-455.76	-1.217e+04	-2.412e+04

		-4.163e+04	-1.425e+04	6.13e-03	0.0	160.0	-1884.73	-446.55	-13.03	-455.76	-1.425e+04	-4.163e+04
25	364	-3.757e+04	-1.233e+04	6.41e-03	-480.00	0.0	-1224.52	75.20	-10.52	-600.91	-1.233e+04	-3.932e+04
		-6.118e+04	-1.402e+04	6.30e-03	0.0	160.0	-1224.52	-404.80	-10.52	-600.91	-1.402e+04	-6.118e+04
25	383	-3.138e+04	-1.109e+04	6.08e-03	-480.00	0.0	-1480.00	58.43	-26.04	-759.11	-1.109e+04	-3.346e+04
		-5.393e+04	-1.526e+04	5.95e-03	0.0	160.0	-1480.00	-421.57	-26.04	-759.11	-1.526e+04	-5.393e+04
26	25	1.677e+04	8965.38	-0.06	-324.00	0.0	1752.99	2184.68	1449.19	2.248e+04	-1.070e+05	-1.099e+05
		-1.099e+05	-1.070e+05	5.30e-03	0.0	80.0	1752.99	1860.68	1449.19	2.248e+04	8965.38	1.677e+04
26	26	4.075e+04	8567.99	-0.06	-240.00	0.0	3231.77	2060.69	1409.28	2.220e+04	-1.042e+05	-7.909e+04
		-7.909e+04	-1.042e+05	5.22e-03	0.0	80.0	3231.77	1820.69	1409.28	2.220e+04	8567.99	4.075e+04
26	149	1.432e+04	8960.73	-0.06	-324.00	0.0	1624.23	2156.20	1452.86	2.255e+04	-1.073e+05	-1.110e+05
		-1.110e+05	-1.073e+05	5.33e-03	0.0	80.0	1624.23	1832.20	1452.86	2.255e+04	8960.73	1.432e+04
26	171	-2.344e+04	1787.93	-8.07e-03	-324.00	0.0	-2729.33	872.23	243.66	3068.86	-1.402e+04	-6.118e+04
		-7.158e+04	-1.771e+04	7.64e-04	0.0	80.0	-2729.33	548.23	243.66	3068.86	1787.93	-2.344e+04
26	187	1.482e+04	8960.73	-0.06	-324.00	0.0	1526.14	2214.06	1444.45	2.239e+04	-1.066e+05	-1.134e+05
		-1.134e+05	-1.066e+05	5.27e-03	0.0	80.0	1526.14	1890.06	1444.45	2.239e+04	8960.73	1.482e+04
26	210	1818.91	1642.15	-0.02	-240.00	0.0	-1562.63	981.86	285.31	4691.33	-2.118e+04	-5.311e+04
		-5.311e+04	-2.118e+04	1.04e-03	0.0	80.0	-1562.63	741.86	285.31	4691.33	1642.15	1818.91
26	219	-9709.06	6125.57	-0.02	-240.00	0.0	1132.80	998.79	906.87	1.279e+04	-6.642e+04	-6.799e+04
		-6.799e+04	-6.642e+04	3.18e-03	0.0	80.0	1132.80	758.79	906.87	1.279e+04	6125.57	-9709.06
26	281	-1.134e+04	6122.47	-0.02	-240.00	0.0	1046.96	979.81	909.33	1.284e+04	-6.662e+04	-6.869e+04
		-6.869e+04	-6.662e+04	3.20e-03	0.0	80.0	1046.96	739.81	909.33	1.284e+04	6122.47	-1.134e+04
26	292	-1.559e+04	1324.71	-6.04e-03	-240.00	0.0	-1914.54	642.74	180.33	2278.92	-1.310e+04	-5.092e+04
		-5.092e+04	-1.310e+04	5.64e-04	0.0	80.0	-1914.54	402.74	180.33	2278.92	1324.71	-1.559e+04
26	300	-1.101e+04	6122.47	-0.02	-240.00	0.0	981.57	1018.38	903.71	1.273e+04	-6.617e+04	-6.709e+04
		-7.029e+04	-6.617e+04	3.16e-03	0.0	80.0	981.57	778.38	903.71	1.273e+04	6122.47	-1.101e+04
26	311	-1.287e+04	1332.76	-6.41e-03	-240.00	0.0	-1719.95	610.05	179.57	2331.12	-1.303e+04	-4.559e+04
		-4.559e+04	-1.303e+04	5.49e-04	0.0	80.0	-1719.95	370.05	179.57	2331.12	1332.76	-1.287e+04
26	313	-1.323e+04	4875.64	-0.02	-240.00	0.0	387.47	839.67	703.79	9752.44	-5.143e+04	-6.087e+04
		-6.087e+04	-5.143e+04	2.41e-03	0.0	80.0	387.47	599.67	703.79	9752.44	4875.64	-1.323e+04
26	316	-2.044e+04	1132.46	8.14e-04	-240.00	0.0	-1894.75	358.33	100.33	606.63	-6893.69	-3.891e+04
		-3.891e+04	-6893.69	-4.27e-04	0.0	80.0	-1894.75	118.33	100.33	606.63	1132.46	-2.044e+04
26	324	-2.548e+04	1117.19	3.65e-04	-240.00	0.0	-1676.16	362.38	112.62	784.20	-7892.54	-4.399e+04
		-4.399e+04	-7892.54	-4.37e-04	0.0	80.0	-1676.16	122.38	112.62	784.20	1117.19	-2.548e+04
26	325	-1.082e+04	2803.88	-4.06e-05	-240.00	0.0	-2429.81	321.78	149.30	1062.86	-9220.70	-2.859e+04
		-2.859e+04	-9220.70	-5.59e-04	0.0	80.0	-2429.81	81.78	149.30	1062.86	2803.88	-1.082e+04
26	328	-4.015e+04	-569.50	7.67e-04	-240.00	0.0	-922.51	402.99	75.94	505.53	-569.50	-5.939e+04
		-5.939e+04	-569.50	-3.16e-04	0.0	80.0	-922.51	162.99	75.94	505.53	-569.50	-5.939e+04
26	333	-1.083e+04	2803.88	7.56e-05	-240.00	0.0	-2428.55	321.68	148.48	1084.66	-9154.43	-2.857e+04
		-2.857e+04	-9154.43	-5.32e-04	0.0	80.0	-2428.55	81.68	148.48	1084.66	2803.88	-1.083e+04
26	335	-3.786e+04	-430.44	4.13e-04	-240.00	0.0	-1030.44	407.04	68.01	320.67	-5947.38	-6.149e+04
		-6.149e+04	-5947.38	-4.86e-04	0.0	80.0	-1030.44	167.04	68.01	320.67	-430.44	-3.786e+04
26	350	-2.216e+04	1602.36	7.39e-05	-240.00	0.0	-1854.99	340.36	158.49	1285.14	-1.108e+04	-3.918e+04
		-3.918e+04	-1.108e+04	5.58e-04	0.0	80.0	-1854.99	100.36	158.49	1285.14	1602.36	-2.216e+04
26	361	-1.842e+04	1938.98	2.87e-04	-240.00	0.0	-2032.65	341.97	128.48	908.47	-8340.51	-3.552e+04
		-3.552e+04	-8340.51	-5.18e-04	0.0	80.0	-2032.65	101.97	128.48	908.47	1938.98	-1.842e+04
26	364	-3.255e+04	295.40	4.46e-04	-240.00	0.0	-1319.66	382.80	96.77	659.92	-7444.56	-5.247e+04
		-5.247e+04	-7444.56	-3.56e-04	0.0	80.0	-1319.66	142.80	96.77	659.92	295.40	-3.255e+04
26	367	-3.236e+04	295.40	4.11e-04	-240.00	0.0	-1328.00	385.07	87.86	529.40	-6732.24	-5.250e+04
		-5.250e+04	-6732.24	-4.76e-04	0.0	80.0	-1328.00	145.07	87.86	529.40	295.40	-3.236e+04
26	370	-1.864e+04	1938.99	2.29e-04	-240.00	0.0	-2022.74	339.15	138.05	1036.62	-9106.34	-3.554e+04
		-3.554e+04	-9106.34	-3.90e-04	0.0	80.0	-2022.74	99.15	138.05	1036.62	1938.99	-1.864e+04
26	382	-2.376e+04	1363.74	1.90e-04	-240.00	0.0	-1766.21	351.25	135.50	1034.11	-9476.55	-4.151e+04
		-4.151e+04	-9476.55	4.03e-04	0.0	80.0	-1766.21	111.25	135.50	1034.11	1363.74	-2.376e+04
27	26	-3.321e+04	-4.653e+04	-0.11	-480.00	0.0	2038.32	-530.08	271.12	1.225e+04	-8.991e+04	-3.321e+04
		-1.168e+05	-8.991e+04	0.03	0.0	160.0	2038.32	-1010.08	271.12	1.225e+04	-4.653e+04	-1.168e+05
27	50	4141.34	-1.608e+04	-0.04	-480.00	0.0	-262.59	-47.03	91.12	4309.80	-3.066e+04	4018.95
		-3.002e+04	-3.066e+04	0.01	0.0	160.0	-262.59	-527.03	91.12	4309.80	-1.608e+04	-3.002e+04
27	123	-4.727e+04	-1.565e+04	-9.72e-03	-648.00	0.0	-3217.74	594.28	27.63	1042.46	-2.007e+04	-7.977e+04
		-7.977e+04	-2.007e+04	8.56e-03	0.0	160.0	-3217.74	-53.72	27.63	1042.46	-1.565e+04	-4.949e+04
27	144	-3.764e+04	-1.124e+04	-0.01	-480.00	0.0	-1606.29	246.03	29.91	1065.03	-1.602e+04	-4.828e+04
		-4.828e+04	-1.602e+04	6.54e-03	0.0	160.0	-1606.29	-233.97	29.91	1065.03	-1.124e+04	-4.620e+04
27	149	-7.235e+04	-5.032e+04	-0.12	-648.00	0.0	262.37	-239.10	282.89	1.276e+04	-9.558e+04	-7.235e+04
		-1.340e+05	-9.558e+04	0.04	0.0	160.0	262.37	-887.10	282.89	1.276e+04	-5.032e+04	-1.340e+05
27	210	-1.919e+04	-1.422e+04	-0.03	-480.00	0.0	-1111.72	162.72	83.28	3724.87	-2.754e+04	-2.412e+04
		-3.497e+04	-2.754e+04	0.01	0.0	160.0	-1111.72	-317.28	83.28	3724.87	-1.422e+04	-3.497e+04
27	219	-7.020e+04	-3.560e+04	-0.06	-480.00	0.0	-566.11	79.84	137.11	6146.84	-5.754e+04	-7.363e+04
		-8.903e+04	-5.754e+04	0.02	0.0	160.0	-566.11	-400.16	137.11	6146.84	-3.560e+04	-8.903e+04
27	268	-3.395e+04	-1.167e+04	-6.84e-03	-480.00	0.0	-2277.78	426.50	19.22	730.46	-1.475e+04	-5.679e+04
		-5.679e+04	-1.475e+04	6.32e-03	0.0	160.0	-2277.78	-53.50	19.22	730.46	-1.167e+04	-3.594e+04
27	278	-4.047e+04	-1.146e+04	-0.01	-480.00	0.0	-2193.56	383.16	27.07	1030.40	-1.579e+04	-5.979e+04
		-5.979e+04	-1.579e+04	6.50e-03	0.0	160.0	-2193.56	-96.84	27.07	1030.40	-1.146e+04	-3.968e+04
27	281	-7.257e+04	-3.538e+04	-0.06	-480.00	0.0	-751.38	80.57	139.43	6231.95	-5.769e+04	-7.605e+04
		-9.133e+04	-5.769e+04	0.02	0.0	160.0	-751.38	-399.43	139.43	6231.95	-3.538e+04	-9.133e+04
27	312	-3.589e+04	-1.204e+04	-0.01	-480.00	0.0	-1929.69	382.33	19.63	828.28	-1.518e+04	-5.440e+04
		-5.440e+04	-1.518e+04	6.39e-03	0.0	160.0	-1929.69	-97.67	19.63	828.28	-1.204e+04	-3.947e+04
27	313	-6.081e+04	-2.992e+04	-0.04	-480.00	0.0	-961.74	166.60	103.10	4697.02	-4.641e+04	-6.705e+04
		-7.441e+04	-4.641e+04	0.02	0.0	160.0	-961.74	-313.40	103.10	4697.02	-2.992e+04	-7.441e+04

27	316	-2.404e+04	-1.300e+04	-3.63e-03	-480.00	0.0	-2240.03	434.96	3.10	284.82	-1.350e+04	-4.637e+04
		-4.637e+04	-1.350e+04	6.23e-03	0.0	160.0	-2240.03	-45.04	3.10	284.82	-1.300e+04	-2.620e+04
27	324	-2.944e+04	-1.225e+04	-5.37e-03	-480.00	0.0	-2013.91	425.68	11.78	528.34	-1.413e+04	-5.140e+04
		-5.140e+04	-1.413e+04	6.21e-03	0.0	160.0	-2013.91	-54.32	11.78	528.34	-1.225e+04	-3.172e+04
27	334	-1.325e+04	-1.241e+04	-2.96e-03	-480.00	0.0	-2694.94	470.02	10.17	359.91	-1.404e+04	-3.162e+04
		-3.162e+04	-1.404e+04	6.34e-03	0.0	160.0	-2694.94	-9.98	10.17	359.91	-1.241e+04	-1.690e+04
27	335	-4.532e+04	-1.208e+04	-7.79e-03	-480.00	0.0	-1332.87	381.34	13.39	696.77	-1.423e+04	-7.118e+04
		-7.118e+04	-1.423e+04	6.07e-03	0.0	160.0	-1332.87	-98.66	13.39	696.77	-1.208e+04	-4.655e+04
27	356	-3.317e+04	-9917.87	-6.75e-03	-480.00	0.0	-1866.16	417.68	40.51	990.38	-1.640e+04	-5.629e+04
		-5.629e+04	-1.640e+04	6.70e-03	0.0	160.0	-1866.16	-62.32	40.51	990.38	-9917.87	-3.507e+04
27	370	-2.130e+04	-1.217e+04	-4.33e-03	-480.00	0.0	-2344.01	446.55	13.03	455.76	-1.425e+04	-4.163e+04
		-4.163e+04	-1.217e+04	6.31e-03	0.0	160.0	-2344.01	-33.45	13.03	455.76	-1.217e+04	-2.412e+04
27	371	-3.757e+04	-1.233e+04	-6.41e-03	-480.00	0.0	-1683.80	404.80	10.52	600.91	-1.402e+04	-6.118e+04
		-6.118e+04	-1.402e+04	6.11e-03	0.0	160.0	-1683.80	-75.20	10.52	600.91	-1.233e+04	-3.932e+04
27	388	-3.138e+04	-1.109e+04	-6.08e-03	-480.00	0.0	-1939.28	421.57	26.04	759.11	-1.526e+04	-5.393e+04
		-5.393e+04	-1.109e+04	6.45e-03	0.0	160.0	-1939.28	-58.43	26.04	759.11	-1.109e+04	-3.346e+04
28	26	-3.424e+04	8.790e+04	-0.11	-480.00	0.0	2056.38	-516.17	-252.81	-1.191e+04	8.790e+04	-3.424e+04
		-1.169e+05	4.745e+04	-0.03	0.0	160.0	2056.38	-996.17	-252.81	-1.191e+04	4.745e+04	-1.169e+05
28	50	4202.33	3.244e+04	-0.04	-480.00	0.0	-312.75	-54.50	-106.52	-4507.06	3.244e+04	4097.13
		-3.022e+04	1.526e+04	-0.01	0.0	160.0	-312.75	-534.50	-106.52	-4507.06	1.526e+04	-3.022e+04
28	123	-4.739e+04	1.977e+04	-9.83e-03	-648.00	0.0	-3221.40	598.15	-25.36	-1021.97	1.977e+04	-8.017e+04
		-8.017e+04	1.571e+04	-8.34e-03	0.0	160.0	-3221.40	-49.85	-25.36	-1021.97	1.571e+04	-4.954e+04
28	124	-3.008e+04	1.433e+04	-5.92e-03	-480.00	0.0	-1719.54	307.30	-17.15	-645.20	1.433e+04	-4.452e+04
		-4.452e+04	1.158e+04	-6.09e-03	0.0	160.0	-1719.54	-172.70	-17.15	-645.20	1.158e+04	-3.582e+04
28	149	-7.353e+04	9.353e+04	-0.12	-648.00	0.0	277.22	-223.91	-264.19	-1.242e+04	9.353e+04	-7.353e+04
		-1.340e+05	5.126e+04	-0.04	0.0	160.0	277.22	-871.91	-264.19	-1.242e+04	5.126e+04	-1.340e+05
28	210	-1.937e+04	2.742e+04	-0.04	-480.00	0.0	-1114.32	163.55	-82.21	-3685.63	2.742e+04	-2.434e+04
		-3.509e+04	1.427e+04	-0.01	0.0	160.0	-1114.32	-316.45	-82.21	-3685.63	1.427e+04	-3.509e+04
28	219	-7.078e+04	5.604e+04	-0.06	-480.00	0.0	-553.84	91.42	-123.61	-5923.86	5.604e+04	-7.448e+04
		-8.903e+04	3.626e+04	-0.02	0.0	160.0	-553.84	-388.58	-123.61	-5923.86	3.626e+04	-8.903e+04
28	223	-4.191e+04	1.522e+04	-0.02	-480.00	0.0	-1959.44	426.92	-25.35	-940.38	1.522e+04	-6.486e+04
		-6.486e+04	1.116e+04	-6.20e-03	0.0	160.0	-1959.44	-53.08	-25.35	-940.38	1.116e+04	-4.386e+04
28	231	-2.296e+04	1.495e+04	-2.52e-03	-480.00	0.0	-2308.75	433.40	-15.24	-436.76	1.495e+04	-6.08e+04
		-4.608e+04	1.251e+04	-6.29e-03	0.0	160.0	-2308.75	-46.60	-15.24	-436.76	1.251e+04	-2.485e+04
28	281	-7.316e+04	5.616e+04	-0.06	-480.00	0.0	-738.71	92.36	-125.72	-6007.76	5.616e+04	-7.690e+04
		-9.132e+04	3.604e+04	-0.02	0.0	160.0	-738.71	-387.64	-125.72	-6007.76	3.604e+04	-9.132e+04
28	313	-6.120e+04	4.538e+04	-0.04	-480.00	0.0	-956.03	174.95	-93.68	-4530.31	4.538e+04	-6.771e+04
		-7.443e+04	3.039e+04	-0.02	0.0	160.0	-956.03	-305.05	-93.68	-4530.31	3.039e+04	-7.443e+04
28	314	-3.834e+04	1.476e+04	-0.01	-480.00	0.0	-2010.23	426.58	-19.99	-792.70	1.476e+04	-6.049e+04
		-6.049e+04	1.157e+04	-6.20e-03	0.0	160.0	-2010.23	-53.42	-19.99	-792.70	1.157e+04	-4.055e+04
28	316	-2.412e+04	1.456e+04	-3.04e-03	-480.00	0.0	-2272.21	431.44	-12.41	-414.99	1.456e+04	-4.641e+04
		-4.641e+04	1.258e+04	-6.27e-03	0.0	160.0	-2272.21	-48.56	-12.41	-414.99	1.258e+04	-2.630e+04
28	324	-2.954e+04	1.411e+04	-5.40e-03	-480.00	0.0	-2020.09	427.10	-11.61	-519.59	1.411e+04	-5.163e+04
		-5.163e+04	1.225e+04	-6.20e-03	0.0	160.0	-2020.09	-52.90	-11.61	-519.59	1.225e+04	-3.177e+04
28	334	-1.366e+04	1.402e+04	-2.89e-03	-480.00	0.0	-2688.29	471.82	-10.24	-360.85	1.402e+04	-3.198e+04
		-3.198e+04	1.238e+04	-6.15e-03	0.0	160.0	-2688.29	-8.18	-10.24	-360.85	1.238e+04	-1.733e+04
28	335	-4.507e+04	1.419e+04	-7.90e-03	-480.00	0.0	-1351.89	382.38	-12.98	-678.34	1.419e+04	-7.127e+04
		-7.127e+04	1.212e+04	-6.25e-03	0.0	160.0	-1351.89	-97.62	-12.98	-678.34	1.212e+04	-4.622e+04
28	338	-1.354e+04	1.412e+04	-3.39e-03	-480.00	0.0	-2687.68	468.78	-11.53	-372.86	1.412e+04	-3.212e+04
		-3.212e+04	1.228e+04	-6.08e-03	0.0	160.0	-2687.68	-11.22	-11.53	-372.86	1.228e+04	-1.710e+04
28	356	-3.271e+04	1.542e+04	-6.92e-03	-480.00	0.0	-1920.17	419.58	-28.49	-916.99	1.542e+04	-5.580e+04
		-5.580e+04	1.086e+04	-5.77e-03	0.0	160.0	-1920.17	-60.42	-28.49	-916.99	1.086e+04	-3.461e+04
28	370	-2.137e+04	1.411e+04	-4.36e-03	-480.00	0.0	-2355.87	448.27	-11.48	-442.43	1.411e+04	-4.160e+04
		-4.160e+04	1.227e+04	-6.14e-03	0.0	160.0	-2355.87	-31.73	-11.48	-442.43	1.227e+04	-2.423e+04
28	371	-3.766e+04	1.410e+04	-6.43e-03	-480.00	0.0	-1684.32	405.93	-11.73	-596.76	1.410e+04	-6.165e+04
		-6.165e+04	1.223e+04	-6.26e-03	0.0	160.0	-1684.32	-74.07	-11.73	-596.76	1.223e+04	-3.932e+04
28	388	-3.120e+04	1.476e+04	-6.17e-03	-480.00	0.0	-1969.14	423.23	-20.01	-718.45	1.476e+04	-5.380e+04
		-5.380e+04	1.156e+04	-5.99e-03	0.0	160.0	-1969.14	-56.77	-20.01	-718.45	1.156e+04	-3.326e+04
29	25	1.648e+04	1.043e+05	-0.06	-324.00	0.0	1690.80	2203.10	-1415.73	-2.217e+04	1.043e+05	-1.109e+05
		-1.109e+05	-8963.61	-5.25e-03	0.0	80.0	1690.80	1879.10	-1415.73	-2.217e+04	-8963.61	1.648e+04
29	26	4.056e+04	1.015e+05	-0.06	-240.00	0.0	3174.03	2079.12	-1375.89	-2.189e+04	1.015e+05	-8.001e+04
		-8.001e+04	-8566.88	-5.17e-03	0.0	80.0	3174.03	1839.12	-1375.89	-2.189e+04	-8566.88	4.056e+04
29	149	1.403e+04	1.045e+05	-0.06	-324.00	0.0	1560.87	2175.04	-1418.80	-2.224e+04	1.045e+05	-1.120e+05
		-1.120e+05	-8958.98	-5.27e-03	0.0	80.0	1560.87	1851.04	-1418.80	-2.224e+04	-8958.98	1.403e+04
29	171	-2.366e+04	1.753e+04	-8.10e-03	-324.00	0.0	-2738.05	873.55	-241.43	-3048.11	1.753e+04	-7.186e+04
		-7.186e+04	-1782.99	-7.38e-04	0.0	80.0	-2738.05	549.55	-241.43	-3048.11	-1782.99	-2.366e+04
29	187	1.452e+04	1.040e+05	-0.06	-324.00	0.0	1464.49	2232.06	-1411.61	-2.208e+04	1.040e+05	-1.144e+05
		-1.144e+05	-8958.98	-5.23e-03	0.0	80.0	1464.49	1908.06	-1411.61	-2.208e+04	-8958.98	1.452e+04
29	210	1670.23	2.103e+04	-0.02	-240.00	0.0	-1566.39	982.77	-283.28	-4656.42	2.103e+04	-5.330e+04
		-5.330e+04	-1637.09	-1.03e-03	0.0	80.0	-1566.39	742.77	-283.28	-4656.42	-1637.09	1670.23
29	219	-9906.36	6.444e+04	-0.03	-240.00	0.0	1084.61	1012.98	-882.01	-1.259e+04	6.444e+04	-6.874e+04
		-6.874e+04	-6125.93	-3.12e-03	0.0	80.0	1084.61	772.98	-882.01	-1.259e+04	-6125.93	-9906.36
29	281	-1.154e+04	6.460e+04	-0.03	-240.00	0.0	997.99	994.27	-884.06	-1.264e+04	6.460e+04	-6.946e+04
		-6.946e+04	-6122.85	-3.14e-03	0.0	80.0	997.99	754.27	-884.06	-1.264e+04	-6122.85	-1.154e+04
29	292	-1.575e+04	1.299e+04	-6.07e-03	-240.00	0.0	-1920.40	643.59	-178.83	-2263.66	1.299e+04	-5.112e+04
		-5.112e+04	-1321.00	-5.48e-04	0.0	80.0	-1920.40	403.59	-178.83	-2263.66	-1321.00	-1.575e+04
29	300	-1.121e+04	6.422e+04	-0.02	-240.00	0.0	933.73	1032.29	-879.27	-1.253e+04	6.422e+04	-7.104e+04

		-7.104e+04	-6122.85	-3.11e-03	0.0	80.0	933.73	792.29	-879.27	-1.253e+04	-6122.85	-1.121e+04
29	311	-1.302e+04	1.302e+04	-6.42e-03	-240.00	0.0	-1722.48	609.81	-179.38	-2316.97	1.302e+04	-4.574e+04
		-4.574e+04	-1328.79	-5.57e-04	0.0	80.0	-1722.48	369.81	-179.38	-2316.97	-1328.79	-1.302e+04
29	313	-1.344e+04	5.005e+04	-0.02	-240.00	0.0	352.58	849.14	-686.59	-9604.31	5.005e+04	-6.145e+04
		-6.145e+04	-4875.12	-2.40e-03	0.0	80.0	352.58	609.14	-686.59	-9604.31	-4875.12	-1.344e+04
29	316	-2.080e+04	8348.77	1.13e-03	-240.00	0.0	-1881.75	346.92	-118.49	-744.77	8348.77	-3.882e+04
		-3.882e+04	-1130.38	6.02e-04	0.0	80.0	-1881.75	106.92	-118.49	-744.77	-1130.38	-2.080e+04
29	324	-2.567e+04	7874.61	3.68e-04	-240.00	0.0	-1682.88	362.40	-112.37	-782.19	7874.61	-4.418e+04
		-4.418e+04	-1114.75	4.36e-04	0.0	80.0	-1682.88	122.40	-112.37	-782.19	-1114.75	-2.567e+04
29	325	-1.102e+04	6113.47	1.81e-04	-240.00	0.0	-2412.89	313.65	-147.05	-1058.55	6113.47	-2.678e+04
		-2.678e+04	-2686.11	3.28e-04	0.0	80.0	-2412.89	73.65	-147.05	-1058.55	-2686.11	-1.102e+04
29	328	-4.031e+04	9635.75	5.58e-04	-240.00	0.0	-952.88	411.14	-77.68	-505.84	9635.75	-6.159e+04
		-6.159e+04	456.61	5.45e-04	0.0	80.0	-952.88	171.14	-77.68	-505.84	456.61	-4.031e+04
29	333	-1.103e+04	9207.96	2.67e-04	-240.00	0.0	-2411.09	314.18	-148.30	-1074.38	9207.96	-2.676e+04
		-2.676e+04	-2686.11	3.79e-04	0.0	80.0	-2411.09	74.18	-148.30	-1074.38	-2686.11	-1.103e+04
29	336	-4.030e+04	6541.25	4.85e-04	-240.00	0.0	-954.68	410.61	-76.43	-490.01	6541.25	-6.161e+04
		-6.161e+04	456.61	4.94e-04	0.0	80.0	-954.68	170.61	-76.43	-490.01	456.61	-4.030e+04
29	338	-1.234e+04	9879.76	9.20e-05	-240.00	0.0	-2351.71	324.28	-156.70	-1237.62	9879.76	-2.827e+04
		-2.827e+04	-2657.72	5.83e-04	0.0	80.0	-2351.71	84.28	-156.70	-1237.62	-2657.72	-1.234e+04
29	361	-1.859e+04	6909.70	3.01e-04	-240.00	0.0	-2029.05	335.77	-129.19	-916.90	6909.70	-3.535e+04
		-3.535e+04	-1900.55	3.49e-04	0.0	80.0	-2029.05	95.77	-129.19	-916.90	-1900.55	-1.859e+04
29	364	-3.274e+04	8839.51	4.39e-04	-240.00	0.0	-1336.72	389.02	-95.55	-647.48	8839.51	-5.302e+04
		-5.302e+04	-328.96	5.24e-04	0.0	80.0	-1336.72	149.02	-95.55	-647.48	-328.96	-3.274e+04
29	370	-1.881e+04	8889.32	2.21e-04	-240.00	0.0	-2019.22	342.82	-134.86	-1012.89	8889.32	-3.598e+04
		-3.598e+04	-1900.55	5.07e-04	0.0	80.0	-2019.22	102.82	-134.86	-1012.89	-1900.55	-1.881e+04
29	372	-3.273e+04	7264.52	4.02e-04	-240.00	0.0	-1337.61	388.78	-94.93	-639.33	7264.52	-5.303e+04
		-5.303e+04	-328.96	4.99e-04	0.0	80.0	-1337.61	148.78	-94.93	-639.33	-328.96	-3.273e+04
30	6	-2.524e+04	1.327e+04	3.69e-03	-480.00	0.0	-1091.31	183.04	4.95	301.75	1.248e+04	-3.250e+04
		-3.250e+04	1.248e+04	-6.06e-03	0.0	160.0	-1091.31	-296.96	4.95	301.75	1.327e+04	-3.750e+04
30	50	-2.862e+04	2.714e+04	-0.04	-480.00	0.0	-2132.00	347.67	-101.04	-4318.35	2.714e+04	-4.420e+04
		-4.420e+04	1.098e+04	-9.06e-03	0.0	160.0	-2132.00	-132.33	-101.04	-4318.35	1.098e+04	-3.367e+04
30	149	-1.242e+05	7.741e+04	-0.10	-648.00	0.0	-4036.80	825.91	-256.97	-1.174e+04	7.741e+04	-1.670e+05
		-1.670e+05	3.630e+04	-0.03	0.0	160.0	-4036.80	177.91	-256.97	-1.174e+04	3.630e+04	-1.242e+05
30	187	-1.265e+05	7.701e+04	-0.10	-648.00	0.0	-4279.59	842.97	-251.96	-1.155e+04	7.701e+04	-1.707e+05
		-1.707e+05	3.669e+04	-0.03	0.0	160.0	-4279.59	194.97	-251.96	-1.155e+04	3.669e+04	-1.265e+05
30	206	-2.305e+04	1.367e+04	3.64e-03	-480.00	0.0	-1172.00	175.83	8.00	350.11	1.239e+04	-2.951e+04
		-3.634e+04	1.239e+04	-6.14e-03	0.0	160.0	-1172.00	-304.17	8.00	350.11	1.367e+04	-3.634e+04
30	209	-3.122e+04	1.384e+04	5.43e-03	-480.00	0.0	-1504.01	57.69	9.59	487.56	1.231e+04	-3.377e+04
		-5.240e+04	1.231e+04	-6.16e-03	0.0	160.0	-1504.01	-422.31	9.59	487.56	1.384e+04	-5.240e+04
30	231	-2.405e+04	1.336e+04	6.77e-03	-480.00	0.0	-1671.98	34.19	4.70	459.91	1.261e+04	-2.632e+04
		-4.604e+04	1.261e+04	-5.93e-03	0.0	160.0	-1671.98	-445.81	4.70	459.91	1.336e+04	-4.604e+04
30	281	-8.474e+04	4.678e+04	-0.04	-480.00	0.0	-2348.00	480.82	-116.75	-5311.55	4.678e+04	-1.071e+05
		-1.071e+05	2.810e+04	-0.02	0.0	160.0	-2348.00	0.82	-116.75	-5311.55	2.810e+04	-8.687e+04
30	287	-3.477e+04	1.405e+04	6.65e-03	-480.00	0.0	-1821.73	55.52	13.03	623.88	1.197e+04	-3.725e+04
		-5.613e+04	1.197e+04	-6.12e-03	0.0	160.0	-1821.73	-424.48	13.03	623.88	1.405e+04	-5.613e+04
30	300	-8.645e+04	4.651e+04	-0.04	-480.00	0.0	-2509.86	492.19	-113.40	-5185.28	4.651e+04	-1.096e+05
		-1.096e+05	2.836e+04	-0.02	0.0	160.0	-2509.86	12.19	-113.40	-5185.28	2.836e+04	-8.834e+04
30	309	-2.954e+04	1.411e+04	5.40e-03	-480.00	0.0	-1557.76	52.90	11.61	519.59	1.225e+04	-3.177e+04
		-5.163e+04	1.225e+04	-6.21e-03	0.0	160.0	-1557.76	-427.10	11.61	519.59	1.411e+04	-5.163e+04
30	310	-2.989e+04	1.386e+04	5.26e-03	-480.00	0.0	-1547.83	55.25	9.28	473.50	1.237e+04	-3.241e+04
		-5.115e+04	1.237e+04	-6.17e-03	0.0	160.0	-1547.83	-424.75	9.28	473.50	1.386e+04	-5.115e+04
30	313	-7.182e+04	3.805e+04	-0.03	-480.00	0.0	-2165.89	379.93	-82.16	-3795.33	3.805e+04	-8.718e+04
		-8.718e+04	2.490e+04	-0.02	0.0	160.0	-2165.89	-100.07	-82.16	-3795.33	2.490e+04	-7.700e+04
30	316	-2.441e+04	1.374e+04	6.43e-03	-480.00	0.0	-1675.52	35.73	8.00	501.50	1.246e+04	-2.645e+04
		-4.709e+04	1.246e+04	-6.03e-03	0.0	160.0	-1675.52	-444.27	8.00	501.50	1.374e+04	-4.709e+04
30	324	-2.954e+04	1.411e+04	5.40e-03	-480.00	0.0	-1557.76	52.90	11.61	519.59	1.225e+04	-3.177e+04
		-5.163e+04	1.225e+04	-6.21e-03	0.0	160.0	-1557.76	-427.10	11.61	519.59	1.411e+04	-5.163e+04
30	328	-4.506e+04	1.421e+04	7.89e-03	-480.00	0.0	-896.19	97.15	13.25	683.79	1.209e+04	-5.161e+04
		-7.138e+04	1.209e+04	-6.12e-03	0.0	160.0	-896.19	-382.85	13.25	683.79	1.421e+04	-7.138e+04
30	329	-1.354e+04	1.412e+04	3.39e-03	-480.00	0.0	-2225.34	11.22	11.53	372.86	1.228e+04	-1.710e+04
		-3.212e+04	1.228e+04	-6.35e-03	0.0	160.0	-2225.34	-468.78	11.53	372.86	1.412e+04	-3.212e+04
30	332	-4.523e+04	1.409e+04	7.40e-03	-480.00	0.0	-890.18	94.58	11.69	666.33	1.222e+04	-4.645e+04
		-7.113e+04	1.222e+04	-6.06e-03	0.0	160.0	-890.18	-385.42	11.69	666.33	1.409e+04	-7.113e+04
30	351	-3.271e+04	1.542e+04	6.92e-03	-480.00	0.0	-1457.84	60.42	28.49	916.99	1.086e+04	-3.461e+04
		-5.580e+04	1.086e+04	-6.61e-03	0.0	160.0	-1457.84	-419.58	28.49	916.99	1.542e+04	-5.580e+04
30	361	-2.137e+04	1.411e+04	4.36e-03	-480.00	0.0	-1893.54	31.73	11.48	442.43	1.227e+04	-2.423e+04
		-4.160e+04	1.227e+04	-6.28e-03	0.0	160.0	-1893.54	-448.27	11.48	442.43	1.411e+04	-4.160e+04
30	364	-3.766e+04	1.410e+04	6.43e-03	-480.00	0.0	-1221.99	74.07	11.73	596.76	1.223e+04	-3.932e+04
		-6.165e+04	1.223e+04	-6.14e-03	0.0	160.0	-1221.99	-405.93	11.73	596.76	1.410e+04	-6.165e+04
30	383	-3.120e+04	1.476e+04	6.17e-03	-480.00	0.0	-1506.81	56.77	20.01	718.45	1.156e+04	-3.326e+04
		-5.380e+04	1.156e+04	-6.41e-03	0.0	160.0	-1506.81	-423.23	20.01	718.45	1.476e+04	-5.380e+04
31	6	-2.423e+04	-1.260e+04	3.43e-03	-480.00	0.0	-1128.93	181.56	-3.90	-274.89	-1.260e+04	-3.146e+04
		-3.654e+04	-1.322e+04	6.15e-03	0.0	160.0	-1128.93	-298.44	-3.90	-274.89	-1.322e+04	-3.654e+04
31	24	-2.282e+04	-1.222e+04	-0.01	-480.00	0.0	-1621.01	238.53	39.38	1565.02	-1.852e+04	-3.282e+04
		-3.282e+04	-1.852e+04	7.26e-03	0.0	160.0	-1621.01	-241.47	39.38	1565.02	-1.222e+04	-3.203e+04
31	49	-1.232e+05	-3.526e+04	-0.10	-648.00	0.0	-4019.95	850.80	269.25	1.207e+04	-7.834e+04	-1.678e+05
		-1.678e+05	-7.834e+04	0.03	0.0	160.0	-4019.95	202.80	269.25	1.207e+04	-3.526e+04	-1.235e+05

31	150	-2.863e+04	-1.090e+04	-0.04	-480.00	0.0	-2195.49	330.91	102.28	4393.64	-2.726e+04	-4.325e+04
		-4.325e+04	-2.726e+04	9.14e-03	0.0	160.0	-2195.49	-149.09	102.28	4393.64	-1.090e+04	-3.426e+04
31	209	-3.056e+04	-1.239e+04	5.26e-03	-480.00	0.0	-1529.25	56.60	-8.91	-470.59	-1.239e+04	-3.308e+04
		-5.178e+04	-1.382e+04	6.22e-03	0.0	160.0	-1529.25	-423.40	-8.91	-470.59	-1.382e+04	-5.178e+04
31	219	-2.356e+04	-1.260e+04	6.52e-03	-480.00	0.0	-1692.75	35.34	-5.50	-473.18	-1.260e+04	-2.586e+04
		-4.547e+04	-1.348e+04	6.02e-03	0.0	160.0	-1692.75	-444.66	-5.50	-473.18	-1.348e+04	-4.547e+04
31	231	-8.439e+04	-2.732e+04	-0.04	-480.00	0.0	-2336.80	497.92	125.79	5545.09	-4.744e+04	-1.078e+05
		-1.078e+05	-4.744e+04	0.02	0.0	160.0	-2336.80	17.92	125.79	5545.09	-2.732e+04	-8.620e+04
31	239	-2.907e+04	-1.202e+04	5.64e-03	-480.00	0.0	-1568.16	52.81	-11.32	-544.14	-1.202e+04	-3.155e+04
		-5.044e+04	-1.383e+04	6.11e-03	0.0	160.0	-1568.16	-427.19	-11.32	-544.14	-1.383e+04	-5.044e+04
31	289	-4.008e+04	-1.278e+04	-0.03	-480.00	0.0	-2474.22	191.43	63.89	2908.76	-2.300e+04	-4.661e+04
		-5.330e+04	-2.300e+04	8.67e-03	0.0	160.0	-2474.22	-288.57	63.89	2908.76	-1.278e+04	-5.330e+04
31	310	-2.991e+04	-1.242e+04	5.18e-03	-480.00	0.0	-1550.65	55.26	-8.73	-463.22	-1.242e+04	-3.242e+04
		-5.119e+04	-1.382e+04	6.23e-03	0.0	160.0	-1550.65	-424.74	-8.73	-463.22	-1.382e+04	-5.119e+04
31	313	-2.445e+04	-1.241e+04	6.37e-03	-480.00	0.0	-1676.64	37.00	-9.13	-524.89	-1.241e+04	-2.651e+04
		-4.706e+04	-1.387e+04	6.06e-03	0.0	160.0	-1676.64	-443.00	-9.13	-524.89	-1.387e+04	-4.706e+04
31	316	-7.248e+04	-2.425e+04	-0.03	-480.00	0.0	-2159.68	383.93	89.33	3988.81	-3.854e+04	-8.793e+04
		-8.793e+04	-3.854e+04	0.02	0.0	160.0	-2159.68	-96.07	89.33	3988.81	-2.425e+04	-7.761e+04
31	318	-2.858e+04	-1.198e+04	5.70e-03	-480.00	0.0	-1583.20	50.10	-13.50	-578.11	-1.198e+04	-3.078e+04
		-5.078e+04	-1.414e+04	6.13e-03	0.0	160.0	-1583.20	-429.90	-13.50	-578.11	-1.414e+04	-5.330e+04
31	324	-2.957e+04	-1.226e+04	5.40e-03	-480.00	0.0	-1558.02	52.69	-11.66	-521.57	-1.226e+04	-3.180e+04
		-5.168e+04	-1.413e+04	6.22e-03	0.0	160.0	-1558.02	-427.31	-11.66	-521.57	-1.413e+04	-5.168e+04
31	325	-2.089e+04	-1.209e+04	4.80e-03	-480.00	0.0	-1939.21	23.92	-13.84	-503.02	-1.209e+04	-2.374e+04
		-4.114e+04	-1.431e+04	6.02e-03	0.0	160.0	-1939.21	-456.08	-13.84	-503.02	-1.431e+04	-4.114e+04
31	326	-2.207e+04	-1.310e+04	3.83e-03	-480.00	0.0	-2028.83	33.10	-1.55	-294.40	-1.310e+04	-2.459e+04
		-4.332e+04	-1.335e+04	6.32e-03	0.0	160.0	-2028.83	-446.90	-1.55	-294.40	-1.335e+04	-4.332e+04
31	327	-3.707e+04	-1.142e+04	6.97e-03	-480.00	0.0	-1087.22	72.28	-21.77	-748.74	-1.142e+04	-3.901e+04
		-6.004e+04	-1.491e+04	6.11e-03	0.0	160.0	-1087.22	-407.72	-21.77	-748.74	-1.491e+04	-6.004e+04
31	328	-3.821e+04	-1.243e+04	6.00e-03	-480.00	0.0	-1176.84	81.46	-9.48	-540.11	-1.243e+04	-3.987e+04
		-6.221e+04	-1.395e+04	6.42e-03	0.0	160.0	-1176.84	-398.54	-9.48	-540.11	-1.395e+04	-6.221e+04
31	351	-3.107e+04	-1.008e+04	7.59e-03	-480.00	0.0	-1367.58	57.01	-38.21	-937.30	-1.008e+04	-3.308e+04
		-5.383e+04	-1.619e+04	5.60e-03	0.0	160.0	-1367.58	-422.99	-38.21	-937.30	-1.619e+04	-5.383e+04
31	357	-2.516e+04	-1.128e+04	5.14e-03	-480.00	0.0	-1763.77	39.94	-12.54	-517.63	-1.128e+04	-2.747e+04
		-4.651e+04	-1.420e+04	6.14e-03	0.0	160.0	-1763.77	-440.06	-12.54	-517.63	-1.420e+04	-4.651e+04
31	360	-3.399e+04	-1.233e+04	5.67e-03	-480.00	0.0	-1352.28	65.44	-10.78	-525.50	-1.233e+04	-3.597e+04
		-5.685e+04	-1.405e+04	6.30e-03	0.0	160.0	-1352.28	-414.56	-10.78	-525.50	-1.405e+04	-5.685e+04
31	362	-2.555e+04	-1.274e+04	4.56e-03	-480.00	0.0	-1781.16	40.91	-5.86	-401.54	-1.274e+04	-2.803e+04
		-4.692e+04	-1.368e+04	6.29e-03	0.0	160.0	-1781.16	-439.09	-5.86	-401.54	-1.368e+04	-4.692e+04
31	363	-3.359e+04	-1.178e+04	6.25e-03	-480.00	0.0	-1334.89	64.48	-17.45	-641.59	-1.178e+04	-3.557e+04
		-5.644e+04	-1.457e+04	6.15e-03	0.0	160.0	-1334.89	-415.52	-17.45	-641.59	-1.457e+04	-5.644e+04
31	383	-3.035e+04	-1.118e+04	6.52e-03	-480.00	0.0	-1462.78	54.90	-24.87	-730.07	-1.118e+04	-3.247e+04
		-5.280e+04	-1.516e+04	5.91e-03	0.0	160.0	-1462.78	-425.10	-24.87	-730.07	-1.516e+04	-5.280e+04
32	49	1.595e+04	8962.11	-0.06	-324.00	0.0	1706.17	2213.88	1441.68	2.258e+04	-1.064e+05	-1.118e+05
		-1.118e+05	-1.064e+05	5.38e-03	0.0	80.0	1706.17	1889.88	1441.68	2.258e+04	8962.11	1.595e+04
32	50	4.005e+04	8564.91	-0.06	-240.00	0.0	3190.11	2089.91	1401.80	2.231e+04	-1.036e+05	-8.086e+04
		-8.086e+04	-1.036e+05	5.30e-03	0.0	80.0	3190.11	1849.91	1401.80	2.231e+04	8564.91	4.005e+04
32	191	-2.063e+04	1795.11	-7.13e-03	-324.00	0.0	-2845.96	854.48	247.92	2993.57	-1.804e+04	-6.817e+04
		-6.817e+04	-1.804e+04	-7.55e-04	0.0	80.0	-2845.96	530.48	247.92	2993.57	1795.11	-2.063e+04
32	210	2357.23	1642.08	-0.02	-240.00	0.0	-1606.44	983.29	284.93	4689.08	-2.115e+04	-5.265e+04
		-5.265e+04	-2.115e+04	1.04e-03	0.0	80.0	-1606.44	743.29	284.93	4689.08	1642.08	2357.23
32	231	-1.035e+04	6123.92	-0.03	-240.00	0.0	1097.93	1020.96	900.99	1.288e+04	-6.595e+04	-6.943e+04
		-6.943e+04	-6.595e+04	3.23e-03	0.0	80.0	1097.93	780.96	900.99	1.288e+04	6123.92	-1.035e+04
32	302	-2.301e+04	1124.16	1.42e-03	-240.00	0.0	-2097.37	381.79	117.04	683.91	-8239.29	-4.373e+04
		-4.373e+04	-8239.29	-5.72e-04	0.0	80.0	-2097.37	141.79	117.04	683.91	1124.16	-2.301e+04
32	311	-1.290e+04	1331.66	-6.45e-03	-240.00	0.0	-1736.11	609.76	179.73	2326.12	-1.305e+04	-4.563e+04
		-4.563e+04	-1.305e+04	5.53e-04	0.0	80.0	-1736.11	369.76	179.73	2326.12	1331.66	-1.290e+04
32	313	-2.079e+04	1130.69	1.10e-03	-240.00	0.0	-1877.39	347.62	116.80	729.03	-8213.03	-3.884e+04
		-3.884e+04	-8213.03	-5.87e-04	0.0	80.0	-1877.39	107.62	116.80	729.03	1130.69	-2.079e+04
32	316	-1.416e+04	4873.01	-0.02	-240.00	0.0	379.22	854.65	699.97	9813.11	-5.112e+04	-6.234e+04
		-6.234e+04	-5.112e+04	2.46e-03	0.0	80.0	379.22	614.65	699.97	9813.11	4873.01	-1.416e+04
32	324	-2.572e+04	1116.13	3.69e-04	-240.00	0.0	-1683.86	362.38	112.51	783.25	-7884.65	-4.424e+04
		-4.424e+04	-7884.65	-4.37e-04	0.0	80.0	-1683.86	122.38	112.51	783.25	1116.13	-2.572e+04
32	325	-1.764e+04	2066.15	7.28e-04	-240.00	0.0	-2225.10	336.31	130.85	489.20	-8429.07	-3.460e+04
		-3.460e+04	-8429.07	-6.11e-04	0.0	80.0	-2225.10	96.31	130.85	489.20	2066.15	-1.764e+04
32	328	-3.380e+04	166.12	1.57e-04	-240.00	0.0	-1142.63	388.46	94.17	1077.31	-7340.24	-5.387e+04
		-5.387e+04	-7340.24	3.32e-04	0.0	80.0	-1142.63	148.46	94.17	1077.31	166.12	-3.380e+04
32	336	-3.378e+04	166.12	1.55e-04	-240.00	0.0	-1146.12	387.78	97.73	677.66	-9249.92	-5.390e+04
		-5.390e+04	-9249.92	4.04e-04	0.0	80.0	-1146.12	147.78	97.73	677.66	166.12	-3.378e+04
32	350	-2.425e+04	1393.79	-6.02e-04	-240.00	0.0	-1811.85	375.47	148.79	1072.89	-1.051e+04	-4.378e+04
		-4.378e+04	-1.051e+04	5.51e-04	0.0	80.0	-1811.85	135.47	148.79	1072.89	1393.79	-2.425e+04
32	361	-2.204e+04	1585.01	4.55e-04	-240.00	0.0	-1926.46	348.42	120.97	629.28	-8096.10	-3.963e+04
		-3.963e+04	-8096.10	-5.42e-04	0.0	80.0	-1926.46	108.42	120.97	629.28	1585.01	-2.204e+04
32	362	-2.223e+04	1585.01	1.99e-04	-240.00	0.0	-1921.76	354.26	129.54	734.39	-8781.50	-4.024e+04
		-4.024e+04	-8781.50	-4.10e-04	0.0	80.0	-1921.76	114.26	129.54	734.39	1585.01	-2.223e+04
32	364	-2.939e+04	647.25	3.06e-04	-240.00	0.0	-1441.27	376.34	104.05	937.23	-7673.21	-2.939e+04
		-4.884e+04	-7673.21	-3.32e-04	0.0	80.0	-1441.27	136.34	104.05	937.23	647.25	-2.939e+04
32	372	-2.939e+04	647.25	3.04e-04	-240.00	0.0	-1443.01	376.01	105.81	734.55	-8639.95	-4.885e+04

		-4.885e+04	-8639.95	-3.87e-04	0.0	80.0	-1443.01	136.01	105.81	734.55	647.25	-2.939e+04
32	382	-2.495e+04	1256.80	-1.28e-04	-240.00	0.0	-1748.11	368.80	130.61	928.01	-9193.23	-4.396e+04
		-4.396e+04	-9193.23	4.00e-04	0.0	80.0	-1748.11	128.80	130.61	928.01	1256.80	-2.495e+04
33	26	4977.47	-1.544e+04	-0.04	-480.00	0.0	-330.54	-54.24	106.07	4519.11	-3.241e+04	4876.00
		-2.950e+04	-3.241e+04	0.01	0.0	160.0	-330.54	-534.24	106.07	4519.11	-1.544e+04	-2.950e+04
33	49	-7.075e+04	-5.049e+04	-0.12	-648.00	0.0	614.27	-224.71	276.34	1.273e+04	-9.471e+04	-7.075e+04
		-1.316e+05	-9.471e+04	0.04	0.0	160.0	614.27	-872.71	276.34	1.273e+04	-5.049e+04	-1.316e+05
33	50	-3.507e+04	-4.636e+04	-0.12	-480.00	0.0	2116.67	-515.71	268.11	1.235e+04	-8.926e+04	-3.507e+04
		-1.178e+05	-8.926e+04	0.03	0.0	160.0	2116.67	-995.71	268.11	1.235e+04	-4.636e+04	-1.178e+05
33	124	-2.938e+04	-1.156e+04	-6.02e-03	-480.00	0.0	-1747.57	309.13	18.23	664.59	-1.447e+04	-4.386e+04
		-4.386e+04	-1.447e+04	6.23e-03	0.0	160.0	-1747.57	-170.87	18.23	664.59	-1.156e+04	-3.508e+04
33	143	-4.578e+04	-1.574e+04	-9.66e-03	-648.00	0.0	-3288.97	601.05	26.42	1027.03	-1.997e+04	-7.866e+04
		-7.866e+04	-1.997e+04	8.50e-03	0.0	160.0	-3288.97	-46.95	26.42	1027.03	-1.574e+04	-4.791e+04
33	210	-1.867e+04	-1.428e+04	-0.04	-480.00	0.0	-1149.54	166.20	82.73	3706.14	-2.752e+04	-2.371e+04
		-3.428e+04	-2.752e+04	0.01	0.0	160.0	-1149.54	-313.80	82.73	3706.14	-1.428e+04	-3.428e+04
33	227	-4.090e+04	-1.113e+04	-0.02	-480.00	0.0	-1999.78	429.21	26.60	967.22	-1.538e+04	-6.392e+04
		-6.392e+04	-1.538e+04	6.29e-03	0.0	160.0	-1999.78	-50.79	26.60	967.22	-1.113e+04	-4.282e+04
33	231	-7.150e+04	-3.546e+04	-0.06	-480.00	0.0	-507.05	91.79	134.77	6231.41	-5.703e+04	-7.517e+04
		-8.983e+04	-5.703e+04	0.02	0.0	160.0	-507.05	-388.21	134.77	6231.41	-3.546e+04	-8.983e+04
33	283	-2.818e+04	-1.206e+04	-4.68e-03	-480.00	0.0	-2545.47	434.07	18.46	612.62	-1.502e+04	-3.004e+04
		-5.138e+04	-1.502e+04	6.33e-03	0.0	160.0	-2545.47	-45.93	18.46	612.62	-1.206e+04	-3.004e+04
33	313	-2.416e+04	-1.262e+04	-3.10e-03	-480.00	0.0	-2266.57	430.87	11.69	404.34	-1.449e+04	-4.640e+04
		-4.640e+04	-1.449e+04	6.27e-03	0.0	160.0	-2266.57	-49.13	11.69	404.34	-1.262e+04	-2.634e+04
33	315	-3.796e+04	-1.155e+04	-0.01	-480.00	0.0	-2026.55	427.56	20.58	807.90	-1.484e+04	-6.016e+04
		-6.016e+04	-1.484e+04	6.21e-03	0.0	160.0	-2026.55	-52.44	20.58	807.90	-1.155e+04	-4.016e+04
33	316	-6.213e+04	-2.980e+04	-0.05	-480.00	0.0	-907.01	174.49	101.70	4756.04	-4.608e+04	-6.860e+04
		-7.541e+04	-4.608e+04	0.02	0.0	160.0	-907.01	-305.51	101.70	4756.04	-2.980e+04	-7.541e+04
33	324	-2.957e+04	-1.226e+04	-5.40e-03	-480.00	0.0	-2020.81	427.31	11.66	521.57	-1.413e+04	-5.168e+04
		-5.168e+04	-1.413e+04	6.21e-03	0.0	160.0	-2020.81	-52.69	11.66	521.57	-1.226e+04	-2.957e+04
33	333	-2.188e+04	-1.313e+04	-3.88e-03	-480.00	0.0	-2476.13	447.01	1.16	279.71	-1.332e+04	-4.298e+04
		-4.298e+04	-1.332e+04	6.15e-03	0.0	160.0	-2476.13	-32.99	1.16	279.71	-1.313e+04	-2.445e+04
33	334	-2.108e+04	-1.206e+04	-4.75e-03	-480.00	0.0	-2417.47	455.97	14.22	517.71	-1.433e+04	-4.148e+04
		-4.148e+04	-1.433e+04	6.40e-03	0.0	160.0	-2417.47	-24.03	14.22	517.71	-1.206e+04	-2.634e+04
33	335	-3.803e+04	-1.246e+04	-6.05e-03	-480.00	0.0	-1624.15	398.65	9.09	525.42	-1.392e+04	-6.187e+04
		-6.187e+04	-1.392e+04	6.02e-03	0.0	160.0	-1624.15	-81.35	9.09	525.42	-1.246e+04	-3.973e+04
33	336	-3.726e+04	-1.139e+04	-6.92e-03	-480.00	0.0	-1565.48	407.61	22.15	763.42	-1.493e+04	-6.037e+04
		-6.037e+04	-1.493e+04	6.27e-03	0.0	160.0	-1565.48	-72.39	22.15	763.42	-1.139e+04	-3.915e+04
33	356	-3.107e+04	-1.008e+04	-7.59e-03	-480.00	0.0	-1830.36	422.99	38.21	937.30	-1.619e+04	-5.383e+04
		-5.383e+04	-1.619e+04	6.78e-03	0.0	160.0	-1830.36	-57.01	38.21	937.30	-1.008e+04	-3.308e+04
33	366	-2.516e+04	-1.220e+04	-5.14e-03	-480.00	0.0	-2226.56	440.06	12.54	517.63	-1.420e+04	-4.651e+04
		-4.651e+04	-1.420e+04	6.29e-03	0.0	160.0	-2226.56	-39.94	12.54	517.63	-1.220e+04	-2.764e+04
33	367	-3.399e+04	-1.233e+04	-5.67e-03	-480.00	0.0	-1815.06	414.56	10.78	525.50	-1.405e+04	-5.685e+04
		-5.685e+04	-1.405e+04	6.13e-03	0.0	160.0	-1815.06	-65.44	10.78	525.50	-1.233e+04	-3.597e+04
33	369	-2.555e+04	-1.274e+04	-4.56e-03	-480.00	0.0	-2243.94	439.09	5.86	401.54	-1.368e+04	-4.692e+04
		-4.692e+04	-1.368e+04	6.16e-03	0.0	160.0	-2243.94	-40.91	5.86	401.54	-1.274e+04	-2.803e+04
33	372	-3.359e+04	-1.178e+04	-6.25e-03	-480.00	0.0	-1797.68	415.52	17.45	641.59	-1.457e+04	-5.644e+04
		-5.644e+04	-1.457e+04	6.26e-03	0.0	160.0	-1797.68	-64.48	17.45	641.59	-1.178e+04	-3.557e+04
33	388	-3.035e+04	-1.118e+04	-6.52e-03	-480.00	0.0	-1925.56	425.10	24.87	730.07	-1.516e+04	-5.280e+04
		-5.280e+04	-1.516e+04	6.49e-03	0.0	160.0	-1925.56	-54.90	24.87	730.07	-1.118e+04	-3.247e+04
34	26	4518.18	3.078e+04	-0.04	-480.00	0.0	-308.17	-43.51	-91.77	-4305.99	3.078e+04	4376.93
		-2.936e+04	1.610e+04	-0.01	0.0	160.0	-308.17	-523.51	-91.77	-4305.99	1.610e+04	-2.936e+04
34	49	-7.086e+04	9.469e+04	-0.12	-648.00	0.0	607.37	-223.07	-276.06	-1.272e+04	9.469e+04	-7.086e+04
		-1.315e+05	5.052e+04	-0.04	0.0	160.0	607.37	-871.07	-276.06	-1.272e+04	5.052e+04	-1.315e+05
34	50	-3.518e+04	8.924e+04	-0.12	-480.00	0.0	2109.78	-514.07	-267.82	-1.234e+04	8.924e+04	-3.518e+05
		-1.178e+05	4.639e+04	-0.03	0.0	160.0	2109.78	-994.07	-267.82	-1.234e+04	4.639e+04	-1.178e+05
34	124	-2.937e+04	1.457e+04	-5.95e-03	-480.00	0.0	-1750.93	308.93	-19.13	-679.51	1.457e+04	-4.386e+04
		-4.386e+04	1.151e+04	-6.22e-03	0.0	160.0	-1750.93	-171.07	-19.13	-679.51	1.151e+04	-3.508e+04
34	143	-4.577e+04	1.997e+04	-9.65e-03	-648.00	0.0	-3291.64	601.67	-26.44	-1029.46	1.997e+04	-7.870e+04
		-7.870e+04	1.574e+04	-8.48e-03	0.0	160.0	-3291.64	-46.33	-26.44	-1029.46	1.574e+04	-4.789e+04
34	210	-1.864e+04	2.753e+04	-0.04	-480.00	0.0	-1145.00	165.08	-82.96	-3711.97	2.753e+04	-2.363e+04
		-3.431e+04	1.426e+04	-0.01	0.0	160.0	-1145.00	-314.92	-82.96	-3711.97	1.426e+04	-3.431e+04
34	231	-7.155e+04	5.704e+04	-0.06	-480.00	0.0	-512.66	92.85	-134.83	-6230.38	5.704e+04	-7.525e+04
		-8.980e+04	3.547e+04	-0.02	0.0	160.0	-512.66	-387.15	-134.83	-6230.38	3.547e+04	-8.980e+04
34	235	-4.136e+04	1.542e+04	-0.02	-480.00	0.0	-1983.39	428.54	-27.09	-978.76	1.542e+04	-6.437e+04
		-6.437e+04	1.109e+04	-6.28e-03	0.0	160.0	-1983.39	-51.46	-27.09	-978.76	1.109e+04	-4.329e+04
34	283	-2.818e+04	1.416e+04	-5.16e-03	-480.00	0.0	-2534.24	439.81	-10.98	-502.24	1.416e+04	-5.165e+04
		-5.165e+04	1.241e+04	-6.28e-03	0.0	160.0	-2534.24	-40.19	-10.98	-502.24	1.241e+04	-2.997e+04
34	313	-2.417e+04	1.358e+04	-3.62e-03	-480.00	0.0	-2253.10	436.74	-3.61	-284.03	1.358e+04	-4.667e+04
		-4.667e+04	1.300e+04	-6.23e-03	0.0	160.0	-2253.10	-43.26	-3.61	-284.03	1.300e+04	-2.627e+04
34	316	-6.215e+04	4.605e+04	-0.05	-480.00	0.0	-909.80	175.32	-101.42	-4749.79	4.605e+04	-6.865e+04
		-7.540e+04	2.982e+04	-0.02	0.0	160.0	-909.80	-304.68	-101.42	-4749.79	2.982e+04	-7.540e+04
34	317	-3.831e+04	1.484e+04	-0.01	-480.00	0.0	-2012.85	427.09	-20.62	-811.07	1.484e+04	-6.049e+04
		-6.049e+04	1.154e+04	-6.21e-03	0.0	160.0	-2012.85	-52.91	-20.62	-811.07	1.154e+04	-4.051e+04
34	324	-2.957e+04	1.413e+04	-5.40e-03	-480.00	0.0	-2020.82	427.31	-11.66	-521.56	1.413e+04	-5.168e+04
		-5.168e+04	1.226e+04	-6.21e-03	0.0	160.0	-2020.82	-52.69	-11.66	-521.56	1.226e+04	-3.180e+04
34	334	-2.144e+04	1.492e+04	-4.66e-03	-480.00	0.0	-2408.78	453.49	-22.08	-535.24	1.492e+04	-4.113e+04
		-4.113e+04	1.139e+04	-6.19e-03	0.0	160.0	-2408.78	-26.51	-22.08	-535.24	1.139e+04	-2.450e+04

34	335	-3.759e+04	1.333e+04	-6.14e-03	-480.00	0.0	-1632.85	401.13	-1.23	-507.87	1.333e+04	-6.223e+04
		-6.223e+04	1.313e+04	-6.23e-03	0.0	160.0	-1632.85	-78.87	-1.23	-507.87	1.313e+04	-3.911e+04
34	338	-2.125e+04	1.513e+04	-5.00e-03	-480.00	0.0	-2405.51	449.67	-24.75	-574.59	1.513e+04	-4.133e+04
		-4.133e+04	1.117e+04	-6.26e-03	0.0	160.0	-2405.51	-30.33	-24.75	-574.59	1.117e+04	-2.416e+04
34	354	-2.530e+04	1.678e+04	-7.39e-03	-480.00	0.0	-2231.34	437.76	-45.86	-1052.87	1.678e+04	-4.659e+04
		-4.659e+04	9444.86	-6.58e-03	0.0	160.0	-2231.34	-42.24	-45.86	-1052.87	9444.86	-2.781e+04
34	370	-2.530e+04	1.463e+04	-5.19e-03	-480.00	0.0	-2214.08	438.65	-18.19	-546.14	1.463e+04	-4.637e+04
		-4.637e+04	1.172e+04	-6.24e-03	0.0	160.0	-2214.08	-41.35	-18.19	-546.14	1.172e+04	-2.788e+04
34	371	-3.384e+04	1.363e+04	-5.62e-03	-480.00	0.0	-1827.55	415.97	-5.12	-496.97	1.363e+04	-5.699e+04
		-5.699e+04	1.281e+04	-6.18e-03	0.0	160.0	-1827.55	-64.03	-5.12	-496.97	1.281e+04	-3.572e+04
34	386	-2.741e+04	1.545e+04	-6.41e-03	-480.00	0.0	-2125.98	432.57	-28.67	-785.92	1.545e+04	-4.910e+04
		-4.910e+04	1.086e+04	-6.40e-03	0.0	160.0	-2125.98	-47.43	-28.67	-785.92	1.086e+04	-2.978e+04
35	49	1.588e+04	1.064e+05	-0.06	-324.00	0.0	1696.92	2213.84	-1441.70	-2.258e+04	1.064e+05	-1.119e+05
		-1.119e+05	-8963.62	-5.38e-03	0.0	80.0	1696.92	1889.84	-1441.70	-2.258e+04	-8963.62	1.588e+04
35	50	3.998e+04	1.036e+05	-0.06	-240.00	0.0	3180.87	2089.88	-1401.82	-2.231e+04	1.036e+05	-8.094e+04
		-8.094e+04	-8566.42	-5.30e-03	0.0	80.0	3180.87	1849.88	-1401.82	-2.231e+04	-8566.42	3.998e+04
35	191	-2.055e+04	1.646e+04	-7.46e-03	-324.00	0.0	-2883.45	866.91	-228.21	-2844.16	1.646e+04	-6.860e+04
		-6.860e+04	-1796.64	-6.78e-04	0.0	80.0	-2883.45	542.91	-228.21	-2844.16	-1796.64	-2.055e+04
35	210	2406.41	2.116e+04	-0.02	-240.00	0.0	-1600.14	983.27	-284.99	-4690.71	2.116e+04	-5.259e+04
		-5.259e+04	-1641.06	-1.04e-03	0.0	80.0	-1600.14	743.27	-284.99	-4690.71	-1641.06	2406.41
35	231	-1.040e+04	6.600e+04	-0.03	-240.00	0.0	1091.79	1020.64	-901.51	-1.288e+04	6.600e+04	-6.948e+04
		-6.948e+04	-6125.02	-3.23e-03	0.0	80.0	1091.79	780.64	-901.51	-1.288e+04	-6125.02	-1.040e+04
35	302	-2.295e+04	7080.83	1.18e-03	-240.00	0.0	-2124.88	390.92	-102.58	-574.53	7080.83	-4.404e+04
		-4.404e+04	-1125.28	4.41e-04	0.0	80.0	-2124.88	150.92	-102.58	-574.53	-1125.28	-2.295e+04
35	311	-1.286e+04	1.301e+04	-6.46e-03	-240.00	0.0	-1731.08	610.01	-179.31	-2323.33	1.301e+04	-4.559e+04
		-4.559e+04	-1330.76	-5.52e-04	0.0	80.0	-1731.08	370.01	-179.31	-2323.33	-1330.76	-1.286e+04
35	313	-2.072e+04	7005.72	8.44e-04	-240.00	0.0	-1904.49	357.10	-101.72	-614.30	7005.72	-3.915e+04
		-3.915e+04	-1131.62	4.46e-04	0.0	80.0	-1904.49	117.10	-101.72	-614.30	-1131.62	-2.072e+04
35	316	-1.419e+04	5.110e+04	-0.02	-240.00	0.0	374.68	854.81	-699.68	-9809.74	5.110e+04	-6.238e+04
		-6.238e+04	-4873.71	-2.46e-03	0.0	80.0	374.68	614.81	-699.68	-9809.74	-4873.71	-1.419e+04
35	324	-2.572e+04	7884.67	3.69e-04	-240.00	0.0	-1683.87	362.38	-112.51	-783.25	7884.67	-4.424e+04
		-4.424e+04	-1116.14	4.37e-04	0.0	80.0	-1683.87	122.38	-112.51	-783.25	-1116.14	-2.572e+04
35	325	-1.780e+04	6493.43	7.19e-04	-240.00	0.0	-2112.87	340.07	-84.84	-886.55	6493.43	-1.780e+04
		-3.470e+04	-1978.01	3.63e-04	0.0	80.0	-2112.87	100.07	-84.84	-886.55	-1978.01	-1.780e+04
35	328	-3.364e+04	9275.91	1.61e-04	-240.00	0.0	-1254.88	384.69	-140.18	-679.96	9275.91	-5.377e+04
		-5.377e+04	-254.26	5.11e-04	0.0	80.0	-1254.88	144.69	-140.18	-679.96	-254.26	-3.364e+04
35	333	-1.780e+04	8195.54	7.23e-04	-240.00	0.0	-2112.12	340.52	-126.83	-874.48	8195.54	-3.957e+04
		-3.471e+04	-1978.01	5.00e-04	0.0	80.0	-2112.12	100.52	-126.83	-874.48	-1978.01	-1.780e+04
35	354	-2.438e+04	1.112e+04	-7.56e-04	-240.00	0.0	-1765.79	380.33	-156.04	-1313.32	1.112e+04	-4.423e+04
		-4.423e+04	-1366.87	-5.11e-04	0.0	80.0	-1765.79	140.33	-156.04	-1313.32	-1366.87	-2.438e+04
35	361	-2.211e+04	7063.50	4.77e-04	-240.00	0.0	-1871.29	345.68	-96.99	-821.79	7063.50	-3.957e+04
		-3.957e+04	-1540.60	4.38e-04	0.0	80.0	-1871.29	105.68	-96.99	-821.79	-1540.60	-2.211e+04
35	364	-2.932e+04	8705.84	2.89e-04	-240.00	0.0	-1496.46	379.08	-128.03	-744.71	8705.84	-4.890e+04
		-4.890e+04	-691.67	4.36e-04	0.0	80.0	-1496.46	139.08	-128.03	-744.71	-691.67	-2.932e+04
35	370	-2.232e+04	8806.44	1.86e-04	-240.00	0.0	-1862.79	353.48	-129.30	-956.46	8806.44	-4.032e+04
		-4.032e+04	-1540.61	4.37e-04	0.0	80.0	-1862.79	113.48	-129.30	-956.46	-1540.61	-2.232e+04
35	386	-2.502e+04	9494.49	-2.03e-04	-240.00	0.0	-1725.23	371.20	-134.21	-1048.50	9494.49	-4.419e+04
		-4.419e+04	-1243.48	-3.82e-04	0.0	80.0	-1725.23	131.20	-134.21	-1048.50	-1243.48	-2.502e+04
36	6	-2.424e+04	1.314e+04	3.48e-03	-480.00	0.0	-1126.51	180.80	3.14	261.28	1.264e+04	-3.145e+04
		-3.658e+04	1.264e+04	-6.13e-03	0.0	160.0	-1126.51	-299.20	3.14	261.28	1.314e+04	-3.658e+04
36	24	-2.275e+04	1.809e+04	-0.01	-480.00	0.0	-1670.30	242.07	-29.60	-1426.61	1.809e+04	-3.281e+04
		-3.281e+04	1.335e+04	-7.53e-03	0.0	160.0	-1670.30	-237.93	-29.60	-1426.61	1.335e+04	-3.189e+04
36	49	-1.233e+05	7.836e+04	-0.10	-648.00	0.0	-4022.33	849.21	-269.41	-1.208e+04	7.836e+04	-1.678e+05
		-1.678e+05	3.525e+04	-0.03	0.0	160.0	-4022.33	201.21	-269.41	-1.208e+04	3.525e+04	-1.232e+05
36	74	-2.882e+04	2.714e+04	-0.04	-480.00	0.0	-2124.51	348.35	-100.62	-4319.31	2.714e+04	-4.444e+04
		-4.444e+04	1.104e+04	-9.08e-03	0.0	160.0	-2124.51	-131.65	-100.62	-4319.31	1.104e+04	-3.384e+04
36	209	-3.056e+04	1.376e+04	5.29e-03	-480.00	0.0	-1527.64	56.09	8.40	461.55	1.242e+04	-3.307e+04
		-5.181e+04	1.242e+04	-6.20e-03	0.0	160.0	-1527.64	-423.91	8.40	461.55	1.376e+04	-5.181e+04
36	219	-2.352e+04	1.460e+04	5.89e-03	-480.00	0.0	-1741.67	38.97	15.25	611.54	1.216e+04	-2.585e+04
		-4.534e+04	1.216e+04	-6.29e-03	0.0	160.0	-1741.67	-441.03	15.25	611.54	1.460e+04	-4.534e+04
36	231	-8.445e+04	4.747e+04	-0.04	-480.00	0.0	-2337.41	496.62	-126.17	-5553.10	4.747e+04	-1.077e+05
		-1.077e+05	2.728e+04	-0.02	0.0	160.0	-2337.41	16.62	-126.17	-5553.10	2.728e+04	-8.629e+04
36	289	-4.006e+04	2.298e+04	-0.03	-480.00	0.0	-2472.82	192.53	-63.73	-2904.65	2.298e+04	-4.663e+04
		-5.322e+04	1.279e+04	-8.67e-03	0.0	160.0	-2472.82	-287.47	-63.73	-2904.65	1.279e+04	-5.322e+04
36	302	-2.912e+04	1.463e+04	7.01e-03	-480.00	0.0	-1996.03	41.63	17.41	720.67	1.185e+04	-3.144e+04
		-5.096e+04	1.185e+04	-6.21e-03	0.0	160.0	-1996.03	-438.37	17.41	720.67	1.463e+04	-5.096e+04
36	310	-2.991e+04	1.377e+04	5.21e-03	-480.00	0.0	-1548.70	55.02	8.27	455.17	1.245e+04	-3.242e+04
		-5.120e+04	1.245e+04	-6.21e-03	0.0	160.0	-1548.70	-424.98	8.27	455.17	1.377e+04	-5.120e+04
36	313	-2.441e+04	1.476e+04	5.86e-03	-480.00	0.0	-1714.60	40.05	16.82	635.25	1.206e+04	-2.650e+04
		-4.694e+04	1.206e+04	-6.28e-03	0.0	160.0	-1714.60	-439.95	16.82	635.25	1.476e+04	-4.694e+04
36	316	-7.250e+04	3.854e+04	-0.03	-480.00	0.0	-2161.41	383.29	-89.25	-3988.24	3.854e+04	-7.792e+04
		-8.792e+04	2.426e+04	-0.02	0.0	160.0	-2161.41	-96.71	-89.25	-3988.24	2.426e+04	-7.765e+04
36	324	-2.957e+04	1.413e+04	5.40e-03	-480.00	0.0	-1558.03	52.69	11.66	521.56	1.226e+04	-3.180e+04
		-5.168e+04	1.226e+04	-6.22e-03	0.0	160.0	-1558.03	-427.31	11.66	521.56	1.413e+04	-5.168e+04
36	325	-2.135e+04	1.490e+04	4.70e-03	-480.00	0.0	-1954.11	27.15	21.79	523.65	1.141e+04	-2.440e+04
		-4.104e+04	1.141e+04	-6.10e-03	0.0	160.0	-1954.11	-452.85	21.79	523.65	1.490e+04	-4.104e+04
36	328	-3.769e+04	1.335e+04	6.11e-03	-480.00	0.0	-1161.95	78.23	1.53	519.46	1.311e+04	-3.920e+04

		-6.232e+04	1.311e+04	-6.34e-03	0.0	160.0	-1161.95	-401.77	1.53	519.46	1.335e+04	-6.232e+04
36	329	-2.125e+04	1.513e+04	5.00e-03	-480.00	0.0	-1942.72	30.33	24.75	574.59	1.117e+04	-2.416e+04
		-4.133e+04	1.117e+04	-6.12e-03	0.0	160.0	-1942.72	-449.67	24.75	574.59	1.513e+04	-4.133e+04
36	349	-2.530e+04	1.678e+04	7.39e-03	-480.00	0.0	-1768.54	42.24	45.86	1052.88	9444.85	-2.781e+04
		-4.659e+04	9444.85	-5.77e-03	0.0	160.0	-1768.54	-437.76	45.86	1052.88	1.678e+04	-4.659e+04
36	361	-2.530e+04	1.463e+04	5.19e-03	-480.00	0.0	-1751.29	41.35	18.19	546.14	1.172e+04	-2.788e+04
		-4.637e+04	1.172e+04	-6.17e-03	0.0	160.0	-1751.29	-438.65	18.19	546.14	1.463e+04	-4.637e+04
36	364	-3.384e+04	1.363e+04	5.62e-03	-480.00	0.0	-1364.76	64.03	5.12	496.97	1.281e+04	-3.572e+04
		-5.699e+04	1.281e+04	-6.26e-03	0.0	160.0	-1364.76	-415.97	5.12	496.97	1.363e+04	-5.699e+04
36	381	-2.741e+04	1.545e+04	6.41e-03	-480.00	0.0	-1663.19	47.43	28.67	785.92	1.086e+04	-2.978e+04
		-4.910e+04	1.086e+04	-5.99e-03	0.0	160.0	-1663.19	-432.57	28.67	785.92	1.545e+04	-4.910e+04
37	4	-2.337e+04	1.271e+04	3.43e-03	-480.00	0.0	-1150.35	180.26	-2.10	-242.90	-1.271e+04	-3.079e+04
		-3.543e+04	-1.305e+04	6.14e-03	0.0	160.0	-1150.35	-299.74	-2.10	-242.90	-1.305e+04	-3.543e+04
37	50	-2.809e+04	-1.108e+04	-0.04	-480.00	0.0	-2146.30	347.88	100.43	4316.66	-2.714e+04	-4.372e+04
		-4.372e+04	-2.714e+04	9.09e-03	0.0	160.0	-2146.30	-132.12	100.43	4316.66	-1.108e+04	-3.310e+04
37	73	-1.230e+05	-3.526e+04	-0.10	-648.00	0.0	-4030.59	849.69	269.40	1.208e+04	-7.836e+04	-1.233e+05
		-1.675e+05	-7.836e+04	0.03	0.0	160.0	-4030.59	201.69	269.40	1.208e+04	-3.526e+04	-1.233e+05
37	140	-2.277e+04	-1.278e+04	2.82e-03	-480.00	0.0	-1222.70	159.10	-1.33	-192.44	-1.278e+04	-2.918e+04
		-3.614e+04	-1.299e+04	6.14e-03	0.0	160.0	-1222.70	-320.90	-1.33	-192.44	-1.299e+04	-3.614e+04
37	208	-3.004e+04	-2.271e+04	5.26e-03	-480.00	0.0	-1543.49	55.74	-7.69	-449.00	-1.271e+04	-3.079e+04
		-5.104e+04	-1.370e+04	6.21e-03	0.0	160.0	-1543.49	-424.26	-7.69	-449.00	-1.370e+04	-5.104e+04
37	231	-2.378e+04	-1.257e+04	6.91e-03	-480.00	0.0	-1677.76	34.17	-5.34	-482.71	-1.257e+04	-2.606e+04
		-4.575e+04	-1.343e+04	5.96e-03	0.0	160.0	-1677.76	-445.83	-5.34	-482.71	-1.343e+04	-4.575e+04
37	243	-8.427e+04	-2.731e+04	-0.04	-480.00	0.0	-2340.89	496.99	125.92	5546.72	-4.745e+04	-1.077e+05
		-1.076e+05	-4.745e+04	0.02	0.0	160.0	-2340.89	16.99	125.92	5546.72	-2.731e+04	-8.610e+04
37	251	-2.428e+04	-1.200e+04	6.30e-03	-480.00	0.0	-1710.24	40.80	-17.09	-667.74	-1.200e+04	-2.665e+04
		-4.599e+04	-1.473e+04	6.30e-03	0.0	160.0	-1710.24	-439.20	-17.09	-667.74	-1.473e+04	-4.599e+04
37	289	-3.902e+04	-1.273e+04	-0.03	-480.00	0.0	-2512.58	189.13	64.78	2939.47	-2.310e+04	-4.548e+04
		-5.230e+04	-2.310e+04	8.67e-03	0.0	160.0	-2512.58	-290.87	64.78	2939.47	-1.273e+04	-5.230e+04
37	310	-2.992e+04	-1.242e+04	5.29e-03	-480.00	0.0	-1547.25	54.89	-8.67	-466.80	-1.242e+04	-3.243e+04
		-5.121e+04	-1.381e+04	6.21e-03	0.0	160.0	-1547.25	-425.11	-8.67	-466.80	-1.381e+04	-5.121e+04
37	316	-2.497e+04	-1.238e+04	6.61e-03	-480.00	0.0	-1656.03	37.06	-9.15	-533.15	-1.238e+04	-2.702e+04
		-4.759e+04	-1.384e+04	6.03e-03	0.0	160.0	-1656.03	-442.94	-9.15	-533.15	-1.384e+04	-4.759e+04
37	319	-7.272e+04	-2.425e+04	-0.03	-480.00	0.0	-2153.38	384.17	89.30	3988.92	-3.854e+04	-8.817e+04
		-8.817e+04	-3.854e+04	0.02	0.0	160.0	-2153.38	-95.83	89.30	3988.92	-2.425e+04	-7.785e+04
37	321	-2.534e+04	-1.195e+04	6.16e-03	-480.00	0.0	-1680.39	42.03	-17.96	-671.92	-1.195e+04	-2.746e+04
		-4.777e+04	-1.482e+04	6.28e-03	0.0	160.0	-1680.39	-437.97	-17.96	-671.92	-1.482e+04	-4.777e+04
37	324	-2.957e+04	-1.226e+04	5.40e-03	-480.00	0.0	-1558.02	52.69	-11.66	-521.56	-1.226e+04	-3.180e+04
		-5.168e+04	-1.413e+04	6.22e-03	0.0	160.0	-1558.02	-427.31	-11.66	-521.56	-1.413e+04	-5.168e+04
37	341	-2.646e+04	-9981.85	-6.81e-04	-480.00	0.0	-1755.56	33.95	-39.56	163.90	-9981.85	-2.928e+04
		-4.681e+04	-1.631e+04	5.70e-03	0.0	160.0	-1755.56	-446.05	-39.56	163.90	-1.631e+04	-4.681e+04
37	343	-2.734e+04	-9803.83	1.16e-03	-480.00	0.0	-1717.93	35.99	-41.64	173.70	-9803.83	-3.021e+04
		-4.753e+04	-1.647e+04	5.73e-03	0.0	160.0	-1717.93	-444.01	-41.64	173.70	-1.647e+04	-4.753e+04
37	344	-3.264e+04	-1.194e+04	0.01	-480.00	0.0	-1360.49	71.43	16.25	-1207.02	-1.454e+04	-3.432e+04
		-5.655e+04	-1.454e+04	6.74e-03	0.0	160.0	-1360.49	-408.57	16.25	-1207.02	-1.194e+04	-5.655e+04
37	361	-2.864e+04	-1.209e+04	4.13e-03	-480.00	0.0	-1593.24	50.46	-13.77	-613.40	-1.209e+04	-3.083e+04
		-5.088e+04	-1.430e+04	6.15e-03	0.0	160.0	-1593.24	-429.54	-13.77	-613.40	-1.430e+04	-5.088e+04
37	364	-3.050e+04	-1.243e+04	6.67e-03	-480.00	0.0	-1522.81	54.92	-9.55	-429.72	-1.243e+04	-3.278e+04
		-5.248e+04	-1.396e+04	6.29e-03	0.0	160.0	-1522.81	-425.08	-9.55	-429.72	-1.396e+04	-5.248e+04
37	383	-2.912e+04	-1.116e+04	6.50e-03	-480.00	0.0	-1561.57	51.44	-24.98	-798.19	-1.116e+04	-5.138e+04
		-5.119e+04	-1.516e+04	6.09e-03	0.0	160.0	-1561.57	-428.56	-24.98	-798.19	-1.516e+04	-5.119e+04
37	384	-3.046e+04	-1.317e+04	5.19e-03	-480.00	0.0	-1535.68	54.96	0.63	-240.06	-1.327e+04	-3.270e+04
		-5.252e+04	-1.327e+04	6.36e-03	0.0	160.0	-1535.68	-425.04	0.63	-240.06	-1.317e+04	-5.252e+04
38	73	1.620e+04	8963.38	-0.06	-324.00	0.0	1690.33	2213.93	1441.76	2.258e+04	-1.064e+05	-1.116e+05
		-1.116e+05	-1.064e+05	5.38e-03	0.0	80.0	1690.33	1889.93	1441.76	2.258e+04	8963.38	1.620e+04
38	74	4.030e+04	8566.18	-0.06	-240.00	0.0	3174.28	2089.97	1401.88	2.231e+04	-1.036e+05	-8.062e+04
		-8.062e+04	-1.036e+05	5.30e-03	0.0	80.0	3174.28	1849.97	1401.88	2.231e+04	8566.18	4.030e+04
38	191	-2.066e+04	1792.38	-8.31e-03	-324.00	0.0	-2867.15	875.09	243.08	3077.85	-1.765e+04	-6.896e+04
		-6.896e+04	-1.765e+04	7.66e-04	0.0	80.0	-2867.15	551.09	243.08	3077.85	1792.38	-2.066e+04
38	210	3384.63	1645.40	-0.02	-240.00	0.0	-1655.70	983.57	286.18	4706.87	-2.125e+04	-5.165e+04
		-5.165e+04	-2.125e+04	1.04e-03	0.0	80.0	-1655.70	743.57	286.18	4706.87	1645.40	3384.63
38	243	-1.022e+04	6124.72	-0.03	-240.00	0.0	1089.60	1020.50	901.13	1.288e+04	-6.597e+04	-6.930e+04
		-6.930e+04	-6.597e+04	3.23e-03	0.0	80.0	1089.60	780.50	901.13	1.288e+04	6124.72	-1.022e+04
38	302	-2.309e+04	1121.99	5.55e-04	-240.00	0.0	-2110.33	396.93	113.47	745.74	-7955.53	-4.437e+04
		-4.437e+04	-7955.53	-4.07e-04	0.0	80.0	-2110.33	156.93	113.47	745.74	1121.99	-2.309e+04
38	311	-1.248e+04	1333.19	-6.53e-03	-240.00	0.0	-1758.70	610.44	180.52	2340.94	-1.311e+04	-4.524e+04
		-4.524e+04	-1.311e+04	5.54e-04	0.0	80.0	-1758.70	370.44	180.52	2340.94	1333.19	-1.248e+04
38	313	-2.134e+04	1127.24	2.22e-04	-240.00	0.0	-1871.20	363.37	113.03	792.80	-7915.00	-3.995e+04
		-3.995e+04	-7915.00	-4.14e-04	0.0	80.0	-1871.20	123.37	113.03	792.80	1127.24	-2.134e+04
38	319	-1.441e+04	4872.66	-0.02	-240.00	0.0	386.89	854.99	699.89	9814.16	-5.112e+04	-6.260e+04
		-6.260e+04	-5.112e+04	2.46e-03	0.0	80.0	386.89	614.99	699.89	9814.16	4872.66	-1.441e+04
38	324	-2.572e+04	1116.13	3.69e-04	-240.00	0.0	-1683.87	362.38	112.51	783.25	-7884.65	-4.424e+04
		-4.424e+04	-7884.65	-4.37e-04	0.0	80.0	-1683.87	122.38	112.51	783.25	1116.13	-2.572e+04
38	325	-2.401e+04	1254.85	-2.16e-04	-240.00	0.0	-1835.70	362.05	108.42	547.80	-7455.95	-4.192e+04
		-4.192e+04	-7455.95	-6.35e-04	0.0	80.0	-1835.70	122.05	108.42	547.80	1254.85	-2.401e+04
38	341	-2.171e+04	1232.80	-1.61e-03	-240.00	0.0	-1932.71	378.33	82.42	91.36	-5434.72	-3.946e+04
		-3.946e+04	-5434.72	-8.14e-04	0.0	80.0	-1932.71	138.33	82.42	91.36	1232.80	-2.171e+04

38	342	-2.939e+04	1067.85	2.35e-03	-240.00	0.0	-1485.92	343.05	145.85	1456.75	-1.054e+04	-4.844e+04
		-4.844e+04	-1.054e+04	5.33e-04	0.0	80.0	-1485.92	103.05	145.85	1456.75	1067.85	-2.939e+04
38	344	-2.972e+04	999.46	2.34e-03	-240.00	0.0	-1435.03	346.43	142.60	1475.14	-1.033e+04	-4.902e+04
		-4.902e+04	-1.033e+04	5.45e-04	0.0	80.0	-1435.03	106.43	142.60	1475.14	999.46	-2.972e+04
38	348	-2.972e+04	999.46	2.35e-03	-240.00	0.0	-1435.52	346.56	145.03	1473.10	-1.049e+04	-4.903e+04
		-4.903e+04	-1.049e+04	5.36e-04	0.0	80.0	-1435.52	106.56	145.03	1473.10	999.46	-2.972e+04
38	361	-2.534e+04	1172.69	4.65e-04	-240.00	0.0	-1728.80	360.47	111.05	695.46	-7719.70	-4.360e+04
		-4.360e+04	-7719.70	-5.23e-04	0.0	80.0	-1728.80	120.47	111.05	695.46	1172.69	-2.534e+04
38	362	-2.554e+04	1172.69	2.94e-04	-240.00	0.0	-1723.87	358.71	119.38	840.67	-8386.35	-4.390e+04
		-4.390e+04	-8386.35	-4.43e-04	0.0	80.0	-1723.87	118.71	119.38	840.67	1172.69	-2.554e+04
38	364	-2.610e+04	1059.57	2.87e-04	-240.00	0.0	-1638.94	364.30	113.97	871.04	-8049.61	-4.487e+04
		-4.487e+04	-8049.61	-3.51e-04	0.0	80.0	-1638.94	124.30	113.97	871.04	1059.57	-2.610e+04
38	380	-2.608e+04	1099.16	1.22e-04	-240.00	0.0	-1665.10	367.06	123.76	960.04	-8781.39	-4.489e+04
		-4.489e+04	-8781.39	3.81e-04	0.0	80.0	-1665.10	127.06	123.76	960.04	1099.16	-2.608e+04
38	381	-2.530e+04	1133.10	6.78e-04	-240.00	0.0	-1704.83	364.48	99.43	536.67	-6824.09	-4.359e+04
		-4.359e+04	-6824.09	-5.85e-04	0.0	80.0	-1704.83	124.48	99.43	536.67	1133.10	-2.530e+04
38	382	-2.597e+04	1133.10	1.49e-04	-240.00	0.0	-1688.39	358.61	127.21	1020.72	-9046.24	-4.459e+04
		-4.459e+04	-9046.24	3.66e-04	0.0	80.0	-1688.39	118.61	127.21	1020.72	1133.10	-2.597e+04
39	50	4819.15	-1.546e+04	-0.04	-480.00	0.0	-331.67	-54.97	106.15	4508.37	-3.245e+04	4717.49
		-2.966e+04	-3.245e+04	0.01	0.0	160.0	-331.67	-534.97	106.15	4508.37	-1.546e+04	-2.966e+04
39	73	-7.053e+04	-5.051e+04	-0.12	-648.00	0.0	600.25	-223.50	276.18	1.272e+04	-9.470e+04	-7.053e+04
		-1.313e+05	-9.470e+04	0.04	0.0	160.0	600.25	-871.50	276.18	1.272e+04	-5.051e+04	-1.313e+05
39	74	-3.485e+04	-4.638e+04	-0.12	-480.00	0.0	2102.65	-514.50	267.94	1.235e+04	-8.925e+04	-3.485e+04
		-1.175e+05	-8.925e+04	0.03	0.0	160.0	2102.65	-994.50	267.94	1.235e+04	-4.638e+04	-1.175e+05
39	124	-2.863e+04	-1.160e+04	-5.69e-03	-480.00	0.0	-1780.85	309.72	18.19	649.80	-1.451e+04	-4.314e+04
		-4.314e+04	-1.451e+04	6.23e-03	0.0	160.0	-1780.85	-170.28	18.19	649.80	-1.160e+04	-5.69e-03
39	143	-4.518e+04	-1.577e+04	-9.53e-03	-648.00	0.0	-3312.89	602.05	26.25	1020.88	-1.997e+04	-7.810e+04
		-7.810e+04	-1.997e+04	8.50e-03	0.0	160.0	-3312.89	-45.95	26.25	1020.88	-1.577e+04	-9.53e-03
39	210	-1.765e+04	-1.429e+04	-0.04	-480.00	0.0	-1194.57	168.80	82.99	3709.55	-2.757e+04	-2.274e+04
		-3.318e+04	-2.757e+04	0.01	0.0	160.0	-1194.57	-311.20	82.99	3709.55	-1.429e+04	-3.318e+04
39	239	-3.619e+04	-1.116e+04	-0.01	-480.00	0.0	-1629.93	305.86	24.43	1067.20	-1.507e+04	-4.982e+04
		-4.982e+04	-1.507e+04	6.25e-03	0.0	160.0	-1629.93	-174.14	24.43	1067.20	-1.116e+04	-4.982e+04
39	243	-7.136e+04	-3.548e+04	-0.06	-480.00	0.0	-516.27	92.37	134.70	6226.13	-5.703e+04	-8.965e+04
		-8.965e+04	-5.703e+04	0.02	0.0	160.0	-516.27	-387.63	134.70	6226.13	-3.548e+04	-8.965e+04
39	283	-2.863e+04	-1.192e+04	-6.38e-03	-480.00	0.0	-2497.26	438.86	17.41	680.44	-1.471e+04	-5.196e+04
		-5.196e+04	-1.471e+04	6.35e-03	0.0	160.0	-2497.26	-41.14	17.41	680.44	-1.192e+04	-6.38e-03
39	311	-2.453e+04	-1.321e+04	-0.02	-480.00	0.0	-1769.46	327.01	38.71	1760.10	-1.941e+04	-3.822e+04
		-3.822e+04	-1.941e+04	7.77e-03	0.0	160.0	-1769.46	-152.99	38.71	1760.10	-1.321e+04	-0.02
39	316	-2.465e+04	-1.262e+04	-2.99e-03	-480.00	0.0	-2250.23	429.84	11.80	403.79	-1.450e+04	-4.688e+04
		-4.688e+04	-1.450e+04	6.24e-03	0.0	160.0	-2250.23	-50.16	11.80	403.79	-1.262e+04	-2.99e-03
39	318	-3.487e+04	-1.155e+04	-9.72e-03	-480.00	0.0	-1733.07	334.66	18.98	889.38	-1.459e+04	-4.994e+04
		-4.994e+04	-1.459e+04	6.19e-03	0.0	160.0	-1733.07	-145.34	18.98	889.38	-1.155e+04	-9.72e-03
39	319	-6.239e+04	-2.979e+04	-0.05	-480.00	0.0	-897.83	174.55	101.69	4758.57	-4.606e+04	-6.886e+04
		-7.566e+04	-4.606e+04	0.02	0.0	160.0	-897.83	-305.45	101.69	4758.57	-2.979e+04	-0.05
39	324	-2.957e+04	-1.226e+04	-5.40e-03	-480.00	0.0	-2020.81	427.31	11.66	521.56	-1.413e+04	-5.168e+04
		-5.168e+04	-1.413e+04	6.21e-03	0.0	160.0	-2020.81	-52.69	11.66	521.56	-1.226e+04	-5.40e-03
39	346	-2.714e+04	-9898.64	7.47e-04	-480.00	0.0	-2157.19	443.81	40.56	-199.50	-1.639e+04	-4.862e+04
		-4.862e+04	-1.639e+04	6.66e-03	0.0	160.0	-2157.19	-36.19	40.56	-199.50	-9898.64	-2.958e+04
39	347	-3.200e+04	-1.186e+04	-0.01	-480.00	0.0	-1884.44	410.80	-17.25	1242.62	-1.186e+04	-5.474e+04
		-5.474e+04	-1.186e+04	5.76e-03	0.0	160.0	-1884.44	-69.20	-17.25	1242.62	-1.462e+04	-3.200e+04
39	348	-2.802e+04	-9720.62	-1.20e-03	-480.00	0.0	-2119.56	441.77	42.64	-209.30	-1.654e+04	-4.934e+04
		-4.934e+04	-1.654e+04	6.61e-03	0.0	160.0	-2119.56	-38.23	42.64	-209.30	-9720.62	-3.051e+04
39	370	-2.864e+04	-1.209e+04	-4.13e-03	-480.00	0.0	-2056.03	429.54	13.77	613.40	-1.430e+04	-5.088e+04
		-5.088e+04	-1.430e+04	6.28e-03	0.0	160.0	-2056.03	-50.46	13.77	613.40	-1.209e+04	-4.13e-03
39	371	-3.050e+04	-1.243e+04	-6.67e-03	-480.00	0.0	-1985.60	425.08	9.55	429.72	-1.396e+04	-5.248e+04
		-5.248e+04	-1.396e+04	6.14e-03	0.0	160.0	-1985.60	-54.92	9.55	429.72	-1.243e+04	-6.67e-03
39	387	-3.046e+04	-1.317e+04	-5.19e-03	-480.00	0.0	-1998.47	425.04	-0.63	240.06	-1.317e+04	-5.252e+04
		-5.252e+04	-1.317e+04	6.09e-03	0.0	160.0	-1998.47	-54.96	-0.63	240.06	-1.327e+04	-5.19e-03
39	388	-2.912e+04	-1.116e+04	-6.50e-03	-480.00	0.0	-2024.36	428.56	24.98	798.19	-1.516e+04	-5.119e+04
		-5.119e+04	-1.516e+04	6.31e-03	0.0	160.0	-2024.36	-51.44	24.98	798.19	-1.116e+04	-6.50e-03
40	50	4419.13	3.069e+04	-0.04	-480.00	0.0	-300.74	-45.02	-90.71	-4273.35	3.069e+04	4283.34
		-2.954e+04	1.618e+04	-0.01	0.0	160.0	-300.74	-525.02	-90.71	-4273.35	1.618e+04	-2.954e+04
40	73	-7.055e+04	9.470e+04	-0.12	-648.00	0.0	598.70	-223.14	-276.13	-1.272e+04	9.470e+04	-7.055e+04
		-1.313e+05	5.052e+04	-0.04	0.0	160.0	598.70	-871.14	-276.13	-1.272e+04	5.052e+04	-1.313e+05
40	74	-3.488e+04	8.925e+04	-0.12	-480.00	0.0	2101.10	-514.14	-267.89	-1.235e+04	8.925e+04	-3.488e+04
		-1.175e+05	4.639e+04	-0.03	0.0	160.0	2101.10	-994.14	-267.89	-1.235e+04	4.639e+04	-1.175e+05
40	124	-2.864e+04	1.451e+04	-5.69e-03	-480.00	0.0	-1782.41	310.08	-18.14	-648.42	1.451e+04	-5.69e-03
		-4.317e+04	1.161e+04	-6.23e-03	0.0	160.0	-1782.41	-169.92	-18.14	-648.42	1.161e+04	-6.23e-03
40	143	-4.518e+04	1.997e+04	-9.53e-03	-648.00	0.0	-3316.02	602.69	-26.26	-1020.12	1.997e+04	-7.814e+04
		-7.814e+04	1.577e+04	-8.49e-03	0.0	160.0	-3316.02	-45.31	-26.26	-1020.12	1.577e+04	-8.49e-03
40	210	-1.759e+04	2.752e+04	-0.04	-480.00	0.0	-1184.62	167.12	-82.58	-3703.24	2.752e+04	-1.759e+04
		-3.322e+04	1.431e+04	-0.01	0.0	160.0	-1184.62	-312.88	-82.58	-3703.24	1.431e+04	-3.322e+04
40	243	-7.137e+04	5.703e+04	-0.06	-480.00	0.0	-517.30	92.61	-134.67	-6225.22	5.703e+04	-7.507e+04
		-8.965e+04	3.548e+04	-0.02	0.0	160.0	-517.30	-387.39	-134.67	-6225.22	3.548e+04	-8.965e+04
40	247	-4.070e+04	1.540e+04	-0.02	-480.00	0.0	-2010.63	429.60	-26.56	-960.95	1.540e+04	-6.374e+04
		-6.374e+04	1.115e+04	-6.29e-03	0.0	160.0	-2010.63	-50.40	-26.56	-960.95	1.115e+04	-6.29e-03
40	283	-2.863e+04	1.475e+04	-6.34e-03	-480.00	0.0	-2507.67	440.71	-17.74	-685.27	1.475e+04	-5.209e+04

		-5.209e+04	1.192e+04	-6.33e-03	0.0	160.0	-2507.67	-39.29	-17.74	-685.27	1.192e+04	-3.042e+04
40	311	-2.451e+04	1.937e+04	-0.02	-480.00	0.0	-1761.22	325.57	-38.43	-1756.05	1.937e+04	-3.812e+04
		-3.812e+04	1.322e+04	-7.78e-03	0.0	160.0	-1761.22	-154.43	-38.43	-1756.05	1.322e+04	-3.075e+04
40	319	-6.239e+04	4.606e+04	-0.05	-480.00	0.0	-897.82	174.55	-101.69	-4758.57	4.606e+04	-6.886e+04
		-7.566e+04	2.979e+04	-0.02	0.0	160.0	-897.82	-305.45	-101.69	-4758.57	2.979e+04	-7.566e+04
40	320	-3.818e+04	1.484e+04	-0.01	-480.00	0.0	-2017.81	427.29	-20.61	-810.38	1.484e+04	-6.037e+04
		-6.037e+04	1.154e+04	-6.21e-03	0.0	160.0	-2017.81	-52.71	-20.61	-810.38	1.154e+04	-4.038e+04
40	321	-2.505e+04	1.451e+04	-2.97e-03	-480.00	0.0	-2237.47	429.23	-11.86	-401.69	1.451e+04	-4.727e+04
		-4.727e+04	1.261e+04	-6.24e-03	0.0	160.0	-2237.47	-50.77	-11.86	-401.69	1.261e+04	-2.725e+04
40	324	-2.957e+04	1.413e+04	-5.40e-03	-480.00	0.0	-2020.81	427.31	-11.66	-521.56	1.413e+04	-5.168e+04
		-5.168e+04	1.226e+04	-6.21e-03	0.0	160.0	-2020.81	-52.69	-11.66	-521.56	1.226e+04	-3.180e+04
40	345	-3.175e+04	1.450e+04	-0.01	-480.00	0.0	-1860.68	408.45	15.99	301.69	1.194e+04	-5.555e+04
		-5.555e+04	1.194e+04	-7.08e-03	0.0	160.0	-1860.68	-71.55	15.99	301.69	1.450e+04	-3.346e+04
40	346	-2.823e+04	1.646e+04	-1.85e-03	-480.00	0.0	-2143.31	444.13	-41.38	-1335.01	1.646e+04	-4.853e+04
		-4.853e+04	9841.09	-5.40e-03	0.0	160.0	-2143.31	-35.87	-41.38	-1335.01	9841.09	-3.107e+04
40	348	-2.736e+04	1.631e+04	-3.96e-04	-480.00	0.0	-2180.94	446.17	-39.31	-1344.81	1.631e+04	-5.088e+04
		-4.780e+04	1.002e+04	-5.44e-03	0.0	160.0	-2180.94	-33.83	-39.31	-1344.81	1.002e+04	-3.014e+04
40	365	-3.050e+04	1.396e+04	-6.67e-03	-480.00	0.0	-1985.59	425.08	-9.55	-429.72	1.396e+04	-5.248e+04
		-5.248e+04	1.243e+04	-6.14e-03	0.0	160.0	-1985.59	-54.92	-9.55	-429.72	1.243e+04	-3.278e+04
40	368	-2.864e+04	1.430e+04	-4.13e-03	-480.00	0.0	-2056.02	429.54	-13.77	-613.40	1.194e+04	-5.555e+04
		-5.088e+04	1.209e+04	-6.28e-03	0.0	160.0	-2056.02	-50.46	-13.77	-613.40	1.209e+04	-3.083e+04
40	377	-3.046e+04	1.327e+04	-5.19e-03	-480.00	0.0	-1998.47	425.04	0.63	-240.06	1.317e+04	-5.252e+04
		-5.252e+04	1.317e+04	-6.09e-03	0.0	160.0	-1998.47	-54.96	0.63	-240.06	1.327e+04	-3.270e+04
40	378	-2.912e+04	1.516e+04	-6.50e-03	-480.00	0.0	-2024.35	428.56	-24.98	-798.19	1.516e+04	-5.119e+04
		-5.119e+04	1.116e+04	-6.31e-03	0.0	160.0	-2024.35	-51.44	-24.98	-798.19	1.116e+04	-3.136e+04
41	73	1.618e+04	1.064e+05	-0.06	-324.00	0.0	1688.29	2213.91	-1441.79	-2.258e+04	1.064e+05	-1.116e+05
		-1.116e+05	-8963.71	-5.38e-03	0.0	80.0	1688.29	1889.91	-1441.79	-2.258e+04	-8963.71	1.618e+04
41	74	4.028e+04	1.036e+05	-0.06	-240.00	0.0	3172.24	2089.95	-1401.91	-2.231e+04	1.036e+05	-8.064e+04
		-8.064e+04	-8566.51	-5.30e-03	0.0	80.0	3172.24	1849.95	-1401.91	-2.231e+04	-8566.51	4.028e+04
41	191	-2.080e+04	1.779e+04	-8.28e-03	-324.00	0.0	-2882.07	874.16	-244.86	-3095.15	1.779e+04	-6.909e+04
		-6.909e+04	-1795.11	-7.56e-04	0.0	80.0	-2882.07	550.16	-244.86	-3095.15	-1795.11	-2.080e+04
41	210	3483.87	2.114e+04	-0.02	-240.00	0.0	-1645.72	984.32	-284.75	-4693.09	2.114e+04	-5.157e+04
		-5.157e+04	-1643.52	-1.05e-03	0.0	80.0	-1645.72	744.32	-284.75	-4693.09	-1643.52	3483.87
41	243	-1.023e+04	6.597e+04	-0.03	-240.00	0.0	1088.25	1020.48	-901.15	-1.288e+04	6.597e+04	-6.931e+04
		-6.931e+04	-6124.94	-3.23e-03	0.0	80.0	1088.25	780.48	-901.15	-1.288e+04	-6124.94	-1.023e+04
41	302	-2.320e+04	8059.63	5.82e-04	-240.00	0.0	-2121.25	396.24	-114.80	-758.58	8059.63	-4.446e+04
		-4.446e+04	-1123.99	4.45e-04	0.0	80.0	-2121.25	156.24	-114.80	-758.58	-1123.99	-2.320e+04
41	311	-1.239e+04	1.302e+04	-6.55e-03	-240.00	0.0	-1750.20	611.01	-179.43	-2330.61	1.302e+04	-4.517e+04
		-4.517e+04	-1331.62	-5.60e-04	0.0	80.0	-1750.20	371.01	-179.43	-2330.61	-1331.62	-1.239e+04
41	313	-2.143e+04	8017.72	2.43e-04	-240.00	0.0	-1880.77	362.70	-114.33	-805.65	8017.72	-4.003e+04
		-4.003e+04	-1129.02	4.51e-04	0.0	80.0	-1880.77	122.70	-114.33	-805.65	-1129.02	-2.143e+04
41	319	-1.441e+04	5.112e+04	-0.02	-240.00	0.0	386.89	854.99	-699.89	-9814.16	5.112e+04	-6.260e+04
		-6.260e+04	-4872.66	-2.46e-03	0.0	80.0	386.89	614.99	-699.89	-9814.16	-4872.66	-1.441e+04
41	324	-2.572e+04	7884.66	3.69e-04	-240.00	0.0	-1683.87	362.38	-112.51	-783.25	7884.66	-4.424e+04
		-4.424e+04	-1116.13	4.37e-04	0.0	80.0	-1683.87	122.38	-112.51	-783.25	-1116.13	-2.572e+04
41	327	-2.405e+04	7463.98	-1.60e-04	-240.00	0.0	-1833.94	362.83	-108.50	-495.37	7463.98	-4.448e+04
		-4.448e+04	-1261.84	3.36e-04	0.0	80.0	-1833.94	122.83	-108.50	-495.37	-1261.84	-2.405e+04
41	342	-2.956e+04	1.031e+04	2.16e-03	-240.00	0.0	-1440.89	343.81	-142.31	-1649.90	1.031e+04	-4.050e+04
		-4.050e+04	-976.18	1.05e-03	0.0	80.0	-1440.89	103.81	-142.31	-1649.90	-976.18	-2.956e+04
41	343	-2.187e+04	5461.47	-1.42e-03	-240.00	0.0	-1926.84	380.95	-82.71	83.40	5461.47	-2.187e+04
		-4.797e+04	-1256.08	-3.39e-04	0.0	80.0	-1926.84	140.95	-82.71	83.40	-1256.08	-2.187e+04
41	344	-2.923e+04	1.051e+04	2.16e-03	-240.00	0.0	-1491.78	340.43	-145.56	-1631.51	1.051e+04	-3.992e+04
		-3.992e+04	-1044.57	1.11e-03	0.0	80.0	-1491.78	100.43	-145.56	-1631.51	-1044.57	-2.923e+04
41	345	-2.221e+04	5417.31	-1.43e-03	-240.00	0.0	-1876.44	384.46	-81.89	67.05	5417.31	-4.856e+04
		-4.856e+04	-1187.69	-3.43e-04	0.0	80.0	-1876.44	144.46	-81.89	67.05	-1187.69	-2.221e+04
41	358	-2.610e+04	8049.61	2.87e-04	-240.00	0.0	-1638.93	364.30	-113.97	-871.04	8049.61	-4.487e+04
		-4.487e+04	-1059.57	3.51e-04	0.0	80.0	-1638.93	124.30	-113.97	-871.04	-1059.57	-2.610e+04
41	359	-2.534e+04	7719.70	4.65e-04	-240.00	0.0	-1728.80	360.47	-111.05	-695.46	7719.70	-4.360e+04
		-4.360e+04	-1172.69	5.23e-04	0.0	80.0	-1728.80	120.47	-111.05	-695.46	-1172.69	-2.534e+04
41	364	-2.552e+04	8313.55	2.81e-04	-240.00	0.0	-1724.45	360.72	-118.47	-820.04	8313.55	-4.391e+04
		-4.391e+04	-1172.70	4.20e-04	0.0	80.0	-1724.45	120.72	-118.47	-820.04	-1172.70	-2.552e+04
41	375	-2.530e+04	6824.09	6.78e-04	-240.00	0.0	-1704.83	364.48	-99.43	-536.67	6824.09	-4.359e+04
		-4.359e+04	-1133.10	5.85e-04	0.0	80.0	-1704.83	124.48	-99.43	-536.67	-1133.10	-2.530e+04
41	376	-2.597e+04	9046.24	1.49e-04	-240.00	0.0	-1688.38	358.61	-127.21	-1020.72	9046.24	-4.459e+04
		-4.459e+04	-1133.10	-3.66e-04	0.0	80.0	-1688.38	118.61	-127.21	-1020.72	-1133.10	-2.597e+04
41	386	-2.608e+04	8781.39	1.22e-04	-240.00	0.0	-1665.09	367.06	-123.76	-960.04	8781.39	-4.489e+04
		-4.489e+04	-1099.17	-3.81e-04	0.0	80.0	-1665.09	127.06	-123.76	-960.04	-1099.17	-2.608e+04
42	4	-2.338e+04	1.304e+04	3.43e-03	-480.00	0.0	-1150.84	179.90	2.05	241.52	1.272e+04	-3.078e+04
		-3.546e+04	1.272e+04	-6.14e-03	0.0	160.0	-1150.84	-300.10	2.05	241.52	1.304e+04	-3.546e+04
42	48	-2.272e+04	1.800e+04	-0.01	-480.00	0.0	-1666.24	242.06	-28.36	-1389.05	1.800e+04	-3.279e+04
		-3.279e+04	1.346e+04	-7.54e-03	0.0	160.0	-1666.24	-237.94	-28.36	-1389.05	1.346e+04	-3.185e+04
42	73	-1.230e+05	7.837e+04	-0.10	-648.00	0.0	-4031.08	849.33	-269.45	-1.208e+04	7.837e+04	-1.675e+05
		-1.675e+05	3.526e+04	-0.03	0.0	160.0	-4031.08	201.33	-269.45	-1.208e+04	3.526e+04	-1.233e+05
42	90	-2.886e+04	2.711e+04	-0.04	-480.00	0.0	-2118.96	347.53	-100.49	-4306.74	2.711e+04	-4.445e+04
		-4.445e+04	1.103e+04	-9.06e-03	0.0	160.0	-2118.96	-132.47	-100.49	-4306.74	1.103e+04	-3.390e+04
42	231	-2.373e+04	1.470e+04	6.17e-03	-480.00	0.0	-1729.98	39.43	16.49	649.90	1.206e+04	-2.608e+04
		-4.551e+04	1.206e+04	-6.30e-03	0.0	160.0	-1729.98	-440.57	16.49	649.90	1.470e+04	-4.551e+04

42	240	-3.255e+04	1.524e+04	2.44e-03	-480.00	0.0	-1535.30	61.77	-1.01	23.76	1.524e+04	-3.526e+04
		-5.321e+04	1.508e+04	-7.24e-03	0.0	160.0	-1535.30	-418.23	-1.01	23.76	1.508e+04	-5.321e+04
42	243	-8.428e+04	4.746e+04	-0.04	-480.00	0.0	-2341.21	496.75	-125.95	-5547.64	4.746e+04	-1.076e+05
		-1.076e+05	2.730e+04	-0.02	0.0	160.0	-2341.21	16.75	-125.95	-5547.64	2.730e+04	-8.612e+04
42	287	-3.380e+04	1.403e+04	6.55e-03	-480.00	0.0	-1854.43	53.26	12.40	609.58	1.205e+04	-3.625e+04
		-5.525e+04	1.205e+04	-6.16e-03	0.0	160.0	-1854.43	-426.74	12.40	609.58	1.403e+04	-5.525e+04
42	289	-3.898e+04	2.304e+04	-0.03	-480.00	0.0	-2512.39	191.45	-63.82	-2917.81	2.304e+04	-4.553e+04
		-5.216e+04	1.283e+04	-8.71e-03	0.0	160.0	-2512.39	-288.55	-63.82	-2917.81	1.283e+04	-5.216e+04
42	310	-2.992e+04	1.381e+04	5.29e-03	-480.00	0.0	-1547.25	54.89	8.67	466.80	1.242e+04	-3.243e+04
		-5.121e+04	1.242e+04	-6.21e-03	0.0	160.0	-1547.25	-425.11	8.67	466.80	1.381e+04	-5.121e+04
42	316	-2.493e+04	1.480e+04	6.06e-03	-480.00	0.0	-1694.95	41.19	17.53	659.23	1.199e+04	-2.704e+04
		-4.740e+04	1.199e+04	-6.28e-03	0.0	160.0	-1694.95	-438.81	17.53	659.23	1.480e+04	-4.740e+04
42	319	-7.272e+04	3.854e+04	-0.03	-480.00	0.0	-2153.38	384.17	-89.30	-3988.92	3.854e+04	-8.817e+04
		-8.817e+04	2.425e+04	-0.02	0.0	160.0	-2153.38	-95.83	-89.30	-3988.92	2.425e+04	-7.785e+04
42	324	-2.957e+04	1.413e+04	5.40e-03	-480.00	0.0	-1558.02	52.69	11.66	521.56	1.226e+04	-3.180e+04
		-5.168e+04	1.226e+04	-6.22e-03	0.0	160.0	-1558.02	-427.31	11.66	521.56	1.413e+04	-5.168e+04
42	341	-2.849e+04	1.643e+04	1.94e-03	-480.00	0.0	-1704.02	38.98	41.02	1340.67	9868.37	-3.117e+04
		-4.924e+04	9868.37	-7.16e-03	0.0	160.0	-1704.02	-441.02	41.02	1340.67	1.643e+04	-4.924e+04
42	342	-3.153e+04	1.448e+04	0.01	-480.00	0.0	-1374.39	68.45	-15.64	-307.34	1.448e+04	-3.336e+04
		-5.484e+04	1.197e+04	-5.42e-03	0.0	160.0	-1374.39	-411.55	-15.64	-307.34	1.197e+04	-5.484e+04
42	343	-2.761e+04	1.628e+04	5.45e-04	-480.00	0.0	-1741.65	36.94	38.95	1350.46	1.005e+04	-3.024e+04
		-4.852e+04	1.005e+04	-7.12e-03	0.0	160.0	-1741.65	-443.06	38.95	1350.46	1.628e+04	-4.852e+04
42	358	-3.050e+04	1.396e+04	6.67e-03	-480.00	0.0	-1522.81	54.92	9.55	429.72	1.243e+04	-3.278e+04
		-5.248e+04	1.243e+04	-6.29e-03	0.0	160.0	-1522.81	-425.08	9.55	429.72	1.396e+04	-5.248e+04
42	359	-2.864e+04	1.430e+04	4.13e-03	-480.00	0.0	-1593.24	50.46	13.77	613.40	1.209e+04	-3.083e+04
		-5.088e+04	1.209e+04	-6.15e-03	0.0	160.0	-1593.24	-429.54	13.77	613.40	1.430e+04	-5.088e+04
42	373	-2.912e+04	1.516e+04	6.50e-03	-480.00	0.0	-1561.56	51.44	24.98	798.19	1.116e+04	-3.136e+04
		-5.119e+04	1.116e+04	-6.09e-03	0.0	160.0	-1561.56	-428.56	24.98	798.19	1.516e+04	-5.119e+04
42	374	-3.046e+04	1.327e+04	5.19e-03	-480.00	0.0	-1535.68	54.96	-0.63	240.06	1.327e+04	-3.270e+04
		-5.252e+04	1.317e+04	-6.36e-03	0.0	160.0	-1535.68	-425.04	-0.63	240.06	1.317e+04	-5.252e+04
43	74	-2.740e+04	-1.106e+04	-0.04	-480.00	0.0	-2172.10	345.92	100.93	4333.75	-2.720e+04	-4.296e+04
		-4.296e+04	-2.720e+04	9.10e-03	0.0	160.0	-2172.10	-134.08	100.93	4333.75	-1.106e+04	-3.246e+04
43	89	-1.497e+05	-2.705e+04	-0.10	-648.00	0.0	-4875.15	671.87	209.44	9550.58	-6.056e+04	-1.220e+05
		-1.722e+05	-6.056e+04	0.02	0.0	160.0	-4875.15	23.87	209.44	9550.58	-2.705e+04	-1.556e+05
43	97	-9.883e+04	-3.882e+04	-0.09	-648.00	0.0	-3143.82	552.93	235.09	1.104e+04	-7.644e+04	-1.218e+05
		-1.218e+05	-7.644e+04	0.03	0.0	160.0	-3143.82	-95.07	235.09	1.104e+04	-3.882e+04	-1.046e+05
43	110	-2.179e+04	-1.342e+04	-0.01	-480.00	0.0	-1699.56	240.68	29.12	1417.49	-1.808e+04	-3.183e+04
		-3.183e+04	-1.808e+04	7.54e-03	0.0	160.0	-1699.56	-239.32	29.12	1417.49	-1.342e+04	-3.095e+04
43	206	-2.308e+04	-1.240e+04	3.65e-03	-480.00	0.0	-1172.15	175.68	-8.04	-351.74	-1.240e+04	-2.953e+04
		-3.639e+04	-1.369e+04	6.15e-03	0.0	160.0	-1172.15	-304.32	-8.04	-351.74	-1.369e+04	-3.639e+04
43	208	-2.955e+04	-1.253e+04	5.08e-03	-480.00	0.0	-1561.38	54.98	-7.03	-428.25	-1.253e+04	-3.214e+04
		-5.058e+04	-1.366e+04	6.22e-03	0.0	160.0	-1561.38	-425.02	-7.03	-428.25	-1.366e+04	-5.058e+04
43	251	-1.010e+05	-2.120e+04	-0.04	-480.00	0.0	-2965.47	365.45	81.73	3680.23	-3.428e+04	-1.111e+05
		-1.111e+05	-3.428e+04	0.01	0.0	160.0	-2965.47	-114.55	81.73	3680.23	-2.120e+04	-1.101e+05
43	255	-6.345e+04	-2.992e+04	-0.03	-480.00	0.0	-1683.00	277.35	100.72	4780.73	-4.604e+04	-7.380e+04
		-7.380e+04	-4.604e+04	0.02	0.0	160.0	-1683.00	-202.65	100.72	4780.73	-2.992e+04	-7.230e+04
43	259	-2.327e+04	-1.212e+04	5.97e-03	-480.00	0.0	-1747.39	38.78	-15.88	-627.62	-1.212e+04	-2.560e+04
		-4.507e+04	-1.466e+04	6.30e-03	0.0	160.0	-1747.39	-441.22	-15.88	-627.62	-1.466e+04	-4.507e+04
43	287	-3.331e+04	-1.209e+04	6.43e-03	-480.00	0.0	-1871.05	52.65	-12.04	-597.40	-1.209e+04	-3.576e+04
		-5.478e+04	-1.402e+04	6.17e-03	0.0	160.0	-1871.05	-427.35	-12.04	-597.40	-1.402e+04	-5.478e+04
43	310	-2.991e+04	-1.245e+04	5.21e-03	-480.00	0.0	-1548.70	55.02	-8.27	-455.17	-1.245e+04	-3.242e+04
		-5.120e+04	-1.377e+04	6.21e-03	0.0	160.0	-1548.70	-424.98	-8.27	-455.17	-1.377e+04	-5.120e+04
43	321	-8.394e+04	-1.970e+04	-0.03	-480.00	0.0	-2608.76	286.12	55.76	2576.40	-2.862e+04	-9.120e+04
		-9.620e+04	-2.862e+04	0.01	0.0	160.0	-2608.76	-193.88	55.76	2576.40	-1.970e+04	-9.620e+04
43	322	-5.579e+04	-2.624e+04	-0.02	-480.00	0.0	-1646.91	220.05	70.01	3401.77	-3.744e+04	-6.321e+04
		-6.785e+04	-3.744e+04	0.02	0.0	160.0	-1646.91	-259.95	70.01	3401.77	-2.624e+04	-6.785e+04
43	323	-2.495e+04	-1.200e+04	6.02e-03	-480.00	0.0	-1695.20	41.12	-17.44	-654.49	-1.200e+04	-2.706e+04
		-4.743e+04	-1.479e+04	6.28e-03	0.0	160.0	-1695.20	-438.88	-17.44	-654.49	-1.479e+04	-4.743e+04
43	324	-2.957e+04	-1.226e+04	5.40e-03	-480.00	0.0	-1558.03	52.69	-11.66	-521.56	-1.226e+04	-3.180e+04
		-5.168e+04	-1.413e+04	6.22e-03	0.0	160.0	-1558.03	-427.31	-11.66	-521.56	-1.413e+04	-5.168e+04
43	341	-2.400e+04	-7778.03	0.02	-480.00	0.0	-753.09	-51.64	-66.96	-2124.32	-7778.03	-3.190e+04
		-3.544e+04	-1.849e+04	5.37e-03	0.0	160.0	-753.09	-531.64	-66.96	-2124.32	-1.849e+04	-3.544e+04
43	342	-3.595e+04	-9625.66	-9.33e-03	-480.00	0.0	-2150.96	169.69	45.50	1011.08	-1.691e+04	-3.595e+04
		-7.374e+04	-1.691e+04	7.04e-03	0.0	160.0	-2150.96	-310.31	45.50	1011.08	-9625.66	-7.374e+04
43	343	-1.904e+04	-7614.39	0.02	-480.00	0.0	-965.09	-64.31	-68.82	-2054.19	-7614.39	-2.765e+04
		-2.962e+04	-1.863e+04	5.39e-03	0.0	160.0	-965.09	-544.31	-68.82	-2054.19	-1.863e+04	-2.962e+04
43	344	-3.170e+04	-9760.89	-9.99e-03	-480.00	0.0	-2362.97	157.02	43.64	1081.21	-1.674e+04	-3.170e+04
		-6.792e+04	-1.674e+04	7.07e-03	0.0	160.0	-2362.97	-322.98	43.64	1081.21	-9760.89	-6.792e+04
43	358	-3.384e+04	-1.281e+04	5.62e-03	-480.00	0.0	-1364.77	64.03	-5.12	-496.98	-1.281e+04	-3.572e+04
		-5.699e+04	-1.363e+04	6.26e-03	0.0	160.0	-1364.77	-415.97	-5.12	-496.98	-1.363e+04	-5.699e+04
43	359	-2.530e+04	-1.172e+04	5.19e-03	-480.00	0.0	-1751.29	41.35	-18.19	-546.14	-1.172e+04	-2.588e+04
		-4.637e+04	-1.463e+04	6.17e-03	0.0	160.0	-1751.29	-438.65	-18.19	-546.14	-1.463e+04	-4.637e+04
43	375	-2.741e+04	-1.086e+04	6.41e-03	-480.00	0.0	-1663.19	47.43	-28.67	-785.92	-1.086e+04	-2.978e+04
		-4.910e+04	-1.545e+04	5.99e-03	0.0	160.0	-1663.19	-432.57	-28.67	-785.92	-1.545e+04	-4.910e+04
44	89	2.124e+05	4243.09	-0.06	-324.00	0.0	2616.89	6332.07	845.03	1.408e+04	-6.336e+04	-1.777e+05
		-1.777e+05	-6.336e+04	3.26e-03	0.0	80.0	2616.89	6008.07	845.03	1.408e+04	4243.09	2.124e+05
44	90	2.365e+05	3845.89	-0.06	-240.00	0.0	4100.84	6208.11	805.15	1.381e+04	-6.057e+04	-1.467e+05

	-1.467e+05	-6.057e+04	3.17e-03	0.0	80.0	4100.84	5968.11	805.15	1.381e+04	3845.89	2.365e+05	
44	97	-2.322e+04	6014.92	-0.05	-324.00	0.0	-816.90	1640.70	1005.74	1.671e+04	-7.444e+04	-1.132e+05
		-1.132e+05	-7.444e+04	3.81e-03	0.0	80.0	-816.90	1316.70	1005.74	1.671e+04	6014.92	-2.322e+05
44	171	-1.991e+04	1797.82	-7.69e-03	-324.00	0.0	-2911.79	868.86	232.62	2910.97	-1.681e+04	-6.803e+04
		-6.803e+04	-1.681e+04	6.97e-04	0.0	80.0	-2911.79	544.86	232.62	2910.97	1797.82	-1.991e+04
44	251	1.350e+05	2628.06	-0.03	-240.00	0.0	1777.88	4071.18	459.51	6583.32	-3.413e+04	-1.183e+05
		-1.183e+05	-3.413e+04	1.66e-03	0.0	80.0	1777.88	3831.18	459.51	6583.32	2628.06	1.350e+05
44	255	-3.948e+04	3940.53	-0.02	-240.00	0.0	-765.66	596.09	578.56	8530.12	-4.234e+04	-7.058e+04
		-7.058e+04	-4.234e+04	2.07e-03	0.0	80.0	-765.66	356.09	578.56	8530.12	3940.53	-3.948e+04
44	302	-2.315e+04	1122.32	6.14e-04	-240.00	0.0	-2109.96	396.07	114.12	749.21	-8007.37	-4.439e+04
		-4.439e+04	-8007.37	-4.34e-04	0.0	80.0	-2109.96	156.07	114.12	749.21	1122.32	-2.315e+04
44	321	9.418e+04	2249.17	-0.02	-240.00	0.0	919.17	3142.75	368.07	5086.03	-2.720e+04	-9.971e+04
		-9.971e+04	-2.720e+04	1.28e-03	0.0	80.0	919.17	2902.75	368.07	5086.03	2249.17	9.418e+04
44	322	-3.670e+04	3233.52	-0.01	-240.00	0.0	-988.49	536.43	457.36	6546.13	-3.336e+04	-6.390e+04
		-6.390e+04	-3.336e+04	1.59e-03	0.0	80.0	-988.49	296.43	457.36	6546.13	3233.52	-3.670e+04
44	323	-2.122e+04	1130.07	8.98e-04	-240.00	0.0	-1880.01	356.70	100.78	600.81	-6932.19	-3.963e+04
		-3.963e+04	-6932.19	-4.42e-04	0.0	80.0	-1880.01	116.70	100.78	600.81	1130.07	-2.122e+04
44	324	-2.572e+04	1116.13	3.69e-04	-240.00	0.0	-1683.88	362.38	112.51	783.25	-7884.66	-4.424e+04
		-4.424e+04	-7884.66	-4.37e-04	0.0	80.0	-1683.88	122.38	112.51	783.25	1116.13	-2.572e+04
44	336	-9160.74	2133.35	-5.12e-03	-240.00	0.0	-2508.93	373.54	154.22	1460.72	-1.035e+04	-2.885e+04
		-2.885e+04	-1.035e+04	-4.00e-04	0.0	80.0	-2508.93	133.54	154.22	1460.72	2133.35	-9160.74
44	341	-6.029e+04	260.48	0.02	-240.00	0.0	-37.78	249.72	53.67	-862.39	-3084.07	-7.023e+04
		-7.023e+04	-3084.07	-8.19e-04	0.0	80.0	-37.78	9.72	53.67	-862.39	260.48	-6.029e+04
44	344	8850.78	1971.78	-0.02	-240.00	0.0	-3329.97	475.05	171.35	2428.89	-1.269e+04	-1.824e+04
		-1.824e+04	-1.269e+04	6.38e-04	0.0	80.0	-3329.97	235.05	171.35	2428.89	1971.78	8850.78
44	348	8850.23	1971.78	-0.02	-240.00	0.0	-3329.75	475.18	183.95	2425.27	-1.320e+04	-1.824e+04
		-1.824e+04	-1.320e+04	6.53e-04	0.0	80.0	-3329.75	235.18	183.95	2425.27	1971.78	8850.23
44	358	-2.932e+04	691.66	2.89e-04	-240.00	0.0	-1496.46	379.08	128.03	744.71	-8705.83	-4.890e+04
		-4.890e+04	-8705.83	-4.36e-04	0.0	80.0	-1496.46	139.08	128.03	744.71	691.66	-2.932e+04
44	359	-2.211e+04	1540.60	4.77e-04	-240.00	0.0	-1871.29	345.68	96.99	821.79	-7063.49	-3.957e+04
		-3.957e+04	-7063.49	-4.38e-04	0.0	80.0	-1871.29	105.68	96.99	821.79	1540.60	-2.211e+04
44	372	-2.230e+04	1540.60	2.10e-04	-240.00	0.0	-1864.77	350.33	127.17	942.97	-8636.09	-4.005e+04
		-4.005e+04	-8636.09	-4.27e-04	0.0	80.0	-1864.77	110.33	127.17	942.97	1540.60	-2.230e+04
44	380	-2.502e+04	1243.47	-2.03e-04	-240.00	0.0	-1725.23	371.20	134.21	1048.50	-9494.49	-4.419e+04
		-4.419e+04	-9494.49	3.82e-04	0.0	80.0	-1725.23	131.20	134.21	1048.50	1243.47	-2.502e+04
45	74	5455.81	-1.549e+04	-0.04	-480.00	0.0	-363.65	-52.85	106.11	4504.70	-3.247e+04	5346.41
		-2.890e+04	-3.247e+04	0.01	0.0	160.0	-363.65	-532.85	106.11	4504.70	-1.549e+04	-2.890e+04
45	89	-9.090e+04	-3.188e+04	-0.12	-648.00	0.0	-126.08	-86.56	239.48	1.058e+04	-7.020e+04	-9.116e+04
		-1.356e+05	-7.020e+04	0.02	0.0	160.0	-126.08	-734.56	239.48	1.058e+04	-3.188e+04	-1.356e+05
45	97	-5.959e+04	-4.720e+04	-0.11	-648.00	0.0	-49.19	84.27	266.71	1.199e+04	-8.987e+04	-6.244e+04
		-8.993e+04	-8.987e+04	0.03	0.0	160.0	-49.19	-563.73	266.71	1.199e+04	-4.720e+04	-8.993e+04
45	98	-2.677e+04	-4.306e+04	-0.10	-480.00	0.0	1453.22	-206.73	258.48	1.161e+04	-8.442e+04	-2.677e+04
		-7.619e+04	-8.442e+04	0.03	0.0	160.0	1453.22	-686.73	258.48	1.161e+04	-4.306e+04	-7.619e+04
45	124	-2.793e+04	-1.158e+04	-5.77e-03	-480.00	0.0	-1808.84	311.37	18.82	665.09	-1.459e+04	-4.248e+04
		-4.248e+04	-1.459e+04	6.24e-03	0.0	160.0	-1808.84	-168.63	18.82	665.09	-1.158e+04	-4.248e+04
45	143	-4.455e+04	-1.574e+04	-9.59e-03	-648.00	0.0	-3338.06	603.54	26.91	1036.16	-2.005e+04	-7.752e+04
		-7.752e+04	-2.005e+04	8.50e-03	0.0	160.0	-3338.06	-44.46	26.91	1036.16	-1.574e+04	-7.752e+04
45	210	-1.614e+04	-1.486e+04	-0.03	-480.00	0.0	-1267.12	170.11	75.70	3508.29	-2.697e+04	-2.128e+04
		-3.159e+04	-2.697e+04	0.01	0.0	160.0	-1267.12	-309.89	75.70	3508.29	-1.486e+04	-3.159e+04
45	251	-8.204e+04	-2.166e+04	-0.06	-480.00	0.0	-1051.50	193.78	107.76	4647.66	-3.890e+04	-9.040e+04
		-9.290e+04	-3.890e+04	0.01	0.0	160.0	-1051.50	-286.22	107.76	4647.66	-2.166e+04	-9.290e+04
45	255	-5.386e+04	-3.300e+04	-0.05	-480.00	0.0	-994.54	320.31	127.93	5686.68	-5.347e+04	-6.912e+04
		-6.912e+04	-5.347e+04	0.02	0.0	160.0	-994.54	-159.69	127.93	5686.68	-3.300e+04	-6.912e+04
45	268	-3.263e+04	-1.171e+04	-6.82e-03	-480.00	0.0	-2340.38	432.00	18.83	730.19	-1.473e+04	-5.574e+04
		-5.574e+04	-1.473e+04	6.28e-03	0.0	160.0	-2340.38	-48.00	18.83	730.19	-1.171e+04	-5.574e+04
45	283	-2.866e+04	-1.190e+04	-6.32e-03	-480.00	0.0	-2499.32	438.95	17.94	690.29	-1.477e+04	-5.199e+04
		-5.199e+04	-1.477e+04	6.33e-03	0.0	160.0	-2499.32	-41.05	17.94	690.29	-1.190e+04	-5.199e+04
45	310	-2.923e+04	-1.207e+04	-5.60e-03	-480.00	0.0	-2013.24	429.64	15.05	587.95	-1.448e+04	-5.216e+04
		-5.216e+04	-1.448e+04	6.28e-03	0.0	160.0	-2013.24	-50.36	15.05	587.95	-1.207e+04	-5.216e+04
45	311	-2.373e+04	-1.363e+04	-0.02	-480.00	0.0	-1809.52	327.23	33.13	1607.19	-1.893e+04	-3.746e+04
		-3.746e+04	-1.893e+04	7.73e-03	0.0	160.0	-1809.52	-152.77	33.13	1607.19	-1.363e+04	-3.746e+04
45	319	-2.465e+04	-1.262e+04	-2.99e-03	-480.00	0.0	-2251.76	430.20	11.75	402.44	-1.450e+04	-4.690e+04
		-4.690e+04	-1.450e+04	6.24e-03	0.0	160.0	-2251.76	-49.80	11.75	402.44	-1.262e+04	-4.690e+04
45	321	-6.998e+04	-1.943e+04	-0.04	-480.00	0.0	-1285.10	249.81	81.27	3569.93	-3.244e+04	-8.070e+04
		-8.070e+04	-3.244e+04	0.01	0.0	160.0	-1285.10	-230.19	81.27	3569.93	-1.943e+04	-8.070e+04
45	322	-4.847e+04	-2.794e+04	-0.04	-480.00	0.0	-1242.39	344.71	96.40	4349.20	-4.336e+04	-6.474e+04
		-6.474e+04	-4.336e+04	0.02	0.0	160.0	-1242.39	-135.29	96.40	4349.20	-2.794e+04	-6.474e+04
45	324	-2.957e+04	-1.226e+04	-5.40e-03	-480.00	0.0	-2020.82	427.31	11.66	521.56	-1.413e+04	-5.168e+04
		-5.168e+04	-1.413e+04	6.21e-03	0.0	160.0	-2020.82	-52.69	11.66	521.56	-1.226e+04	-5.168e+04
45	345	-4.326e+04	-9598.70	9.12e-03	-480.00	0.0	-1146.02	297.78	-45.94	-1022.13	-9598.70	-7.875e+04
		-7.875e+04	-9598.70	5.44e-03	0.0	160.0	-1146.02	-182.22	-45.94	-1022.13	-4.326e+04	-7.875e+04
45	348	-1.274e+04	-7571.13	-0.02	-480.00	0.0	-2895.61	556.84	69.26	2065.24	-1.865e+04	-2.460e+04
		-2.460e+04	-1.865e+04	6.97e-03	0.0	160.0	-2895.61	76.84	69.26	2065.24	-7571.13	-2.031e+04
45	365	-3.384e+04	-1.281e+04	-5.62e-03	-480.00	0.0	-1827.56	415.97	5.12	496.98	-1.363e+04	-5.699e+04
		-5.699e+04	-1.363e+04	6.18e-03	0.0	160.0	-1827.56	-64.03	5.12	496.98	-1.281e+04	-5.699e+04
45	368	-2.530e+04	-1.172e+04	-5.19e-03	-480.00	0.0	-2214.08	438.65	18.19	546.14	-1.463e+04	-4.637e+04
		-4.637e+04	-1.463e+04	6.24e-03	0.0	160.0	-2214.08	-41.35	18.19	546.14	-1.172e+04	-4.637e+04

45	380	-2.741e+04	-1.086e+04	-6.41e-03	-480.00	0.0	-2125.98	432.57	28.67	785.92	-1.545e+04	-4.910e+04
		-4.910e+04	-1.545e+04	6.40e-03	0.0	160.0	-2125.98	-47.43	28.67	785.92	-1.086e+04	-2.978e+04
46	89	-5.977e+04	8.988e+04	-0.11	-648.00	0.0	-35.84	82.99	-266.95	-1.200e+04	8.988e+04	-6.259e+04
		-9.019e+04	4.717e+04	-0.03	0.0	160.0	-35.84	-565.01	-266.95	-1.200e+04	4.717e+04	-9.019e+04
46	90	-2.692e+04	8.443e+04	-0.10	-480.00	0.0	1466.56	-208.01	-258.72	-1.162e+04	8.443e+04	-2.692e+04
		-7.645e+04	4.304e+04	-0.03	0.0	160.0	1466.56	-688.01	-258.72	-1.162e+04	4.304e+04	-7.645e+04
46	97	-9.063e+04	7.021e+04	-0.12	-648.00	0.0	-131.75	-87.09	-239.54	-1.058e+04	7.021e+04	-9.089e+04
		-1.353e+05	3.188e+04	-0.02	0.0	160.0	-131.75	-735.09	-239.54	-1.058e+04	3.188e+04	-1.353e+05
46	106	5411.50	3.244e+04	-0.04	-480.00	0.0	-360.76	-52.89	-105.87	-4498.29	3.244e+04	5302.56
		-2.895e+04	1.550e+04	-0.01	0.0	160.0	-360.76	-532.89	-105.87	-4498.29	1.550e+04	-2.895e+04
46	124	-2.794e+04	1.448e+04	-5.83e-03	-480.00	0.0	-1807.99	312.15	-17.85	-647.93	1.448e+04	-4.252e+04
		-4.252e+04	1.163e+04	-6.25e-03	0.0	160.0	-1807.99	-167.85	-17.85	-647.93	1.163e+04	-3.359e+04
46	143	-4.455e+04	1.994e+04	-9.66e-03	-648.00	0.0	-3338.02	604.49	-25.91	-1018.37	1.994e+04	-7.758e+04
		-7.758e+04	1.579e+04	-8.52e-03	0.0	160.0	-3338.02	-43.51	-25.91	-1018.37	1.579e+04	-4.665e+04
46	210	-1.599e+04	2.785e+04	-0.03	-480.00	0.0	-1277.95	163.94	-83.48	-3622.92	2.785e+04	-2.098e+04
		-3.167e+04	1.435e+04	-0.01	0.0	160.0	-1277.95	-316.06	-83.48	-3622.92	1.435e+04	-3.167e+04
46	251	-5.402e+04	5.345e+04	-0.05	-480.00	0.0	-983.96	319.49	-127.85	-5688.33	5.345e+04	-6.924e+04
		-6.924e+04	3.299e+04	-0.02	0.0	160.0	-983.96	-160.51	-127.85	-5688.33	3.299e+04	-5.929e+04
46	255	-8.186e+04	3.888e+04	-0.06	-480.00	0.0	-1055.01	193.50	-107.54	-4643.43	3.888e+04	-9.020e+04
		-9.274e+04	2.167e+04	-0.01	0.0	160.0	-1055.01	-286.50	-107.54	-4643.43	2.167e+04	-9.274e+04
46	268	-3.263e+04	1.466e+04	-6.86e-03	-480.00	0.0	-2339.82	432.51	-18.18	-718.79	1.466e+04	-5.577e+04
		-5.577e+04	1.175e+04	-6.28e-03	0.0	160.0	-2339.82	-47.49	-18.18	-718.79	1.175e+04	-3.451e+04
46	283	-2.866e+04	1.470e+04	-6.37e-03	-480.00	0.0	-2503.63	440.51	-17.21	-675.60	1.470e+04	-5.209e+04
		-5.209e+04	1.194e+04	-6.35e-03	0.0	160.0	-2503.63	-39.49	-17.21	-675.60	1.194e+04	-3.045e+04
46	310	-2.923e+04	1.443e+04	-5.63e-03	-480.00	0.0	-2012.17	429.88	-14.58	-579.91	1.443e+04	-5.217e+04
		-5.217e+04	1.210e+04	-6.29e-03	0.0	160.0	-2012.17	-50.12	-14.58	-579.91	1.210e+04	-3.118e+04
46	311	-2.368e+04	1.963e+04	-0.02	-480.00	0.0	-1817.54	322.33	-39.22	-1697.78	1.963e+04	-3.722e+04
		-3.722e+04	1.335e+04	-7.77e-03	0.0	160.0	-1817.54	-157.67	-39.22	-1697.78	1.335e+04	-2.995e+04
46	321	-4.859e+04	4.339e+04	-0.04	-480.00	0.0	-1234.61	343.76	-96.70	-4357.02	4.339e+04	-6.481e+04
		-6.481e+04	2.792e+04	-0.02	0.0	160.0	-1234.61	-136.24	-96.70	-4357.02	2.792e+04	-5.325e+04
46	322	-6.984e+04	3.246e+04	-0.04	-480.00	0.0	-1287.89	249.28	-81.47	-3573.35	3.246e+04	-8.053e+04
		-8.053e+04	1.942e+04	-0.01	0.0	160.0	-1287.89	-230.72	-81.47	-3573.35	1.942e+04	-7.834e+04
46	323	-2.468e+04	1.450e+04	-3.05e-03	-480.00	0.0	-2249.79	429.94	-11.79	-402.03	1.450e+04	-4.691e+04
		-4.691e+04	1.262e+04	-6.26e-03	0.0	160.0	-2249.79	-50.06	-11.79	-402.03	1.262e+04	-2.687e+04
46	324	-2.957e+04	1.413e+04	-5.40e-03	-480.00	0.0	-2020.81	427.31	-11.66	-521.57	1.413e+04	-5.168e+04
		-5.168e+04	1.226e+04	-6.21e-03	0.0	160.0	-2020.81	-52.69	-11.66	-521.57	1.226e+04	-3.180e+04
46	336	-1.968e+04	1.541e+04	-8.28e-03	-480.00	0.0	-2288.73	432.82	-27.71	-936.88	1.541e+04	-3.837e+04
		-3.837e+04	1.097e+04	-6.65e-03	0.0	160.0	-2288.73	-47.18	-27.71	-936.88	1.097e+04	-2.318e+04
46	345	-3.692e+04	1.757e+04	7.46e-03	-480.00	0.0	-2419.91	482.27	53.88	1235.48	8950.41	-6.739e+04
		-6.739e+04	8950.41	-4.93e-03	0.0	160.0	-2419.91	2.27	53.88	1235.48	1.757e+04	-3.737e+04
46	346	-2.587e+04	1.948e+04	-0.02	-480.00	0.0	-1366.11	357.84	-79.58	-2352.33	1.948e+04	-4.163e+04
		-4.163e+04	6749.22	-7.45e-03	0.0	160.0	-1366.11	-122.16	-79.58	-2352.33	6749.22	-3.082e+04
46	347	-3.220e+04	1.777e+04	8.11e-03	-480.00	0.0	-2675.51	496.77	56.26	1309.19	8770.22	-6.172e+04
		-6.172e+04	8770.22	-4.97e-03	0.0	160.0	-2675.51	16.77	56.26	1309.19	1.777e+04	-3.279e+04
46	366	-3.359e+04	1.457e+04	-6.25e-03	-480.00	0.0	-1797.68	415.52	-17.45	-641.59	1.457e+04	-5.644e+04
		-5.644e+04	1.178e+04	-6.26e-03	0.0	160.0	-1797.68	-64.48	-17.45	-641.59	1.178e+04	-3.575e+04
46	367	-2.555e+04	1.368e+04	-4.56e-03	-480.00	0.0	-2243.94	439.09	-5.86	-401.54	1.368e+04	-4.692e+04
		-4.692e+04	1.274e+04	-6.16e-03	0.0	160.0	-2243.94	-40.91	-5.86	-401.54	1.274e+04	-2.803e+04
46	369	-3.399e+04	1.405e+04	-5.67e-03	-480.00	0.0	-1815.06	414.56	-10.78	-525.51	1.405e+04	-5.685e+04
		-5.685e+04	1.233e+04	-6.13e-03	0.0	160.0	-1815.06	-65.44	-10.78	-525.51	1.233e+04	-3.597e+04
46	372	-2.516e+04	1.420e+04	-5.14e-03	-480.00	0.0	-2226.56	440.06	-12.54	-517.63	1.420e+04	-4.651e+04
		-4.651e+04	1.220e+04	-6.29e-03	0.0	160.0	-2226.56	-39.94	-12.54	-517.63	1.220e+04	-2.764e+04
46	378	-3.035e+04	1.516e+04	-6.52e-03	-480.00	0.0	-1925.56	425.10	-24.87	-730.07	1.516e+04	-5.280e+04
		-5.280e+04	1.118e+04	-6.49e-03	0.0	160.0	-1925.56	-54.90	-24.87	-730.07	1.118e+04	-3.247e+04
47	89	-2.340e+04	7.445e+04	-0.05	-324.00	0.0	-802.44	1640.87	-1005.74	-1.671e+04	7.445e+04	-1.134e+05
		-1.134e+05	-6013.47	-3.81e-03	0.0	80.0	-802.44	1316.87	-1005.74	-1.671e+04	-6013.47	-2.340e+04
47	97	2.126e+05	6.336e+04	-0.06	-324.00	0.0	2612.60	6331.96	-844.99	-1.408e+04	6.336e+04	-1.774e+05
		-1.774e+05	-4242.86	-3.26e-03	0.0	80.0	2612.60	6007.96	-844.99	-1.408e+04	-4242.86	2.126e+05
47	98	2.367e+05	6.056e+04	-0.06	-240.00	0.0	4096.54	6208.00	-805.11	-1.381e+04	6.056e+04	-1.465e+05
		-1.465e+05	-3845.66	-3.17e-03	0.0	80.0	4096.54	5968.00	-805.11	-1.381e+04	-3845.66	2.367e+05
47	171	-1.995e+04	1.795e+04	-7.45e-03	-324.00	0.0	-2883.37	859.80	-246.86	-3016.66	1.795e+04	-6.770e+04
		-6.770e+04	-1796.48	-7.26e-04	0.0	80.0	-2883.37	535.80	-246.86	-3016.66	-1796.48	-1.995e+04
47	251	-3.960e+04	4.230e+04	-0.02	-240.00	0.0	-755.41	596.51	-578.04	-8527.21	4.230e+04	-7.072e+04
		-7.072e+04	-3939.43	-2.07e-03	0.0	80.0	-755.41	356.51	-578.04	-8527.21	-3939.43	-3.960e+04
47	255	1.352e+05	3.409e+04	-0.03	-240.00	0.0	1774.25	4071.40	-458.97	-6578.48	3.409e+04	-1.181e+05
		-1.181e+05	-2627.86	-1.66e-03	0.0	80.0	1774.25	3831.40	-458.97	-6578.48	-2627.86	1.352e+05
47	302	-2.320e+04	7977.49	6.06e-04	-240.00	0.0	-2117.72	396.26	-113.76	-744.72	7977.49	-4.446e+04
		-4.446e+04	-1123.52	4.25e-04	0.0	80.0	-2117.72	156.26	-113.76	-744.72	-1123.52	-2.320e+04
47	319	-2.118e+04	6922.18	9.17e-04	-240.00	0.0	-1877.37	356.56	-100.65	-596.85	6922.18	-3.958e+04
		-3.958e+04	-1129.55	4.34e-04	0.0	80.0	-1877.37	116.56	-100.65	-596.85	-1129.55	-2.118e+04
47	321	-3.680e+04	3.338e+04	-0.01	-240.00	0.0	-979.22	536.37	-457.62	-6549.91	3.338e+04	-6.398e+04
		-6.398e+04	-3232.57	-1.59e-03	0.0	80.0	-979.22	296.37	-457.62	-6549.91	-3232.57	-3.680e+04
47	322	9.433e+04	2.722e+04	-0.02	-240.00	0.0	918.03	3142.53	-368.32	-5088.36	2.722e+04	-9.955e+04
		-9.955e+04	-2248.89	-1.28e-03	0.0	80.0	918.03	2902.53	-368.32	-5088.36	-2248.89	9.433e+04
47	324	-2.572e+04	7884.65	3.69e-04	-240.00	0.0	-1683.86	362.38	-112.51	-783.25	7884.65	-4.424e+04
		-4.424e+04	-1116.13	4.37e-04	0.0	80.0	-1683.86	122.38	-112.51	-783.25	-1116.13	-2.572e+04
47	328	-1.423e+04	1.088e+04	-1.59e-03	-240.00	0.0	-1916.55	357.15	-161.82	-1118.63	1.088e+04	-4.008e+04

		-4.008e+04	-2158.70	-4.12e-04	0.0	80.0	-1916.55	117.15	-161.82	-1118.63	-2158.70	-1.423e+04
47	342	-1.275e+04	1.389e+04	-5.75e-03	-240.00	0.0	-718.84	423.34	-185.26	-2627.97	1.389e+04	-6.074e+04
		-6.074e+04	-1228.75	-8.21e-04	0.0	80.0	-718.84	183.34	-185.26	-2627.97	-1228.75	-1.275e+04
47	343	-2.773e+04	1877.12	6.49e-03	-240.00	0.0	-2648.89	301.43	-39.76	1061.48	1877.12	-2.773e+04
		-3.868e+04	-1003.51	9.90e-04	0.0	80.0	-2648.89	61.43	-39.76	1061.48	-1003.51	-3.868e+04
47	344	-8568.41	1.455e+04	-5.82e-03	-240.00	0.0	-1006.29	410.39	-200.39	-2507.95	1.455e+04	-5.573e+04
		-5.573e+04	-1784.05	-8.09e-04	0.0	80.0	-1006.29	170.39	-200.39	-2507.95	-1784.05	-8568.41
47	346	-1.275e+04	1.447e+04	-5.76e-03	-240.00	0.0	-719.89	423.14	-186.33	-2508.08	1.447e+04	-6.075e+04
		-6.075e+04	-1228.75	-8.41e-04	0.0	80.0	-719.89	183.14	-186.33	-2508.08	-1228.75	-1.275e+04
47	358	-2.939e+04	7673.20	3.06e-04	-240.00	0.0	-1441.27	376.34	-104.05	-937.22	7673.20	-4.884e+04
		-4.884e+04	-647.25	3.32e-04	0.0	80.0	-1441.27	136.34	-104.05	-937.22	-647.25	-2.939e+04
47	359	-2.204e+04	8096.09	4.55e-04	-240.00	0.0	-1926.46	348.42	-120.97	-629.27	8096.09	-3.963e+04
		-3.963e+04	-1585.01	5.42e-04	0.0	80.0	-1926.46	108.42	-120.97	-629.27	-1585.01	-2.204e+04
47	364	-2.221e+04	8698.78	2.04e-04	-240.00	0.0	-1922.82	353.38	-128.50	-741.81	8698.78	-4.017e+04
		-4.017e+04	-1585.01	4.31e-04	0.0	80.0	-1922.82	113.38	-128.50	-741.81	-1585.01	-2.221e+04
47	366	-2.939e+04	8639.94	3.04e-04	-240.00	0.0	-1443.01	376.01	-105.81	-734.54	8639.94	-3.963e+04
		-4.885e+04	-647.25	3.87e-04	0.0	80.0	-1443.01	136.01	-105.81	-734.54	-647.25	-2.939e+04
47	376	-2.495e+04	9193.23	-1.28e-04	-240.00	0.0	-1748.11	368.80	-130.61	-928.01	9193.23	-4.396e+04
		-4.396e+04	-1256.80	-4.00e-04	0.0	80.0	-1748.11	128.80	-130.61	-928.01	-1256.80	-2.495e+04
48	78	-2.175e+04	1.804e+04	-0.01	-480.00	0.0	-1701.32	241.14	-28.46	-1401.72	1.804e+04	-3.181e+04
		-3.181e+04	1.349e+04	-7.57e-03	0.0	160.0	-1701.32	-238.86	-28.46	-1401.72	1.349e+04	-3.089e+04
48	89	-9.901e+04	7.642e+04	-0.09	-648.00	0.0	-3135.54	554.30	-234.98	-1.103e+04	7.642e+04	-1.221e+05
		-1.221e+05	3.882e+04	-0.03	0.0	160.0	-3135.54	-93.70	-234.98	-1.103e+04	3.882e+04	-1.047e+05
48	97	-1.494e+05	6.056e+04	-0.10	-648.00	0.0	-4880.86	672.28	-209.37	-9549.03	6.056e+04	-1.720e+05
		-1.720e+05	2.706e+04	-0.02	0.0	160.0	-4880.86	24.28	-209.37	-9549.03	2.706e+04	-1.553e+05
48	128	-2.817e+04	2.733e+04	-0.04	-480.00	0.0	-2234.11	333.35	-101.77	-4426.28	2.733e+04	-4.285e+04
		-4.285e+04	1.105e+04	-9.26e-03	0.0	160.0	-2234.11	-146.65	-101.77	-4426.28	1.105e+04	-3.376e+04
48	206	-2.308e+04	1.369e+04	3.65e-03	-480.00	0.0	-1172.15	175.68	8.04	351.74	1.240e+04	-2.953e+04
		-3.639e+04	1.240e+04	-6.15e-03	0.0	160.0	-1172.15	-304.32	8.04	351.74	1.369e+04	-3.639e+04
48	208	-2.955e+04	1.372e+04	5.04e-03	-480.00	0.0	-1564.25	55.12	7.63	438.24	1.250e+04	-3.213e+04
		-5.058e+04	1.250e+04	-6.24e-03	0.0	160.0	-1564.25	-424.88	7.63	438.24	1.372e+04	-5.058e+04
48	243	-2.324e+04	1.472e+04	5.98e-03	-480.00	0.0	-1748.64	39.40	16.50	643.00	1.209e+04	-2.559e+04
		-4.501e+04	1.209e+04	-6.32e-03	0.0	160.0	-1748.64	-440.60	16.50	643.00	1.472e+04	-4.501e+04
48	251	-6.360e+04	4.602e+04	-0.03	-480.00	0.0	-1677.96	278.52	-100.37	-4773.51	4.602e+04	-7.399e+04
		-7.399e+04	2.996e+04	-0.02	0.0	160.0	-1677.96	-201.48	-100.37	-4773.51	2.996e+04	-7.241e+04
48	255	-1.008e+05	3.427e+04	-0.04	-480.00	0.0	-2970.79	365.91	-81.40	-3674.33	3.427e+04	-1.110e+05
		-1.110e+05	2.124e+04	-0.01	0.0	160.0	-2970.79	-114.09	-81.40	-3674.33	2.124e+04	-1.099e+05
48	287	-3.331e+04	1.405e+04	6.41e-03	-480.00	0.0	-1872.62	52.63	12.33	602.10	1.208e+04	-3.575e+04
		-5.479e+04	1.208e+04	-6.18e-03	0.0	160.0	-1872.62	-427.37	12.33	602.10	1.405e+04	-5.479e+04
48	310	-2.991e+04	1.382e+04	5.18e-03	-480.00	0.0	-1550.65	55.26	8.73	463.22	1.242e+04	-3.242e+04
		-5.119e+04	1.242e+04	-6.23e-03	0.0	160.0	-1550.65	-424.74	8.73	463.22	1.382e+04	-5.119e+04
48	319	-2.493e+04	1.480e+04	6.05e-03	-480.00	0.0	-1694.47	41.54	17.58	660.55	1.199e+04	-2.705e+04
		-4.738e+04	1.199e+04	-6.28e-03	0.0	160.0	-1694.47	-438.46	17.58	660.55	1.480e+04	-4.738e+04
48	321	-5.590e+04	3.744e+04	-0.02	-480.00	0.0	-1641.46	220.89	-70.07	-3401.83	3.744e+04	-6.335e+04
		-6.793e+04	2.622e+04	-0.02	0.0	160.0	-1641.46	-259.11	-70.07	-3401.83	2.622e+04	-6.793e+04
48	322	-8.380e+04	2.862e+04	-0.03	-480.00	0.0	-2611.09	286.43	-55.85	-2577.45	2.862e+04	-9.108e+04
		-9.604e+04	1.969e+04	-0.01	0.0	160.0	-2611.09	-193.57	-55.85	-2577.45	1.969e+04	-9.604e+04
48	324	-2.957e+04	1.413e+04	5.40e-03	-480.00	0.0	-1558.02	52.69	11.66	521.57	1.226e+04	-3.180e+04
		-5.168e+04	1.226e+04	-6.22e-03	0.0	160.0	-1558.02	-427.31	11.66	521.57	1.413e+04	-5.168e+04
48	331	-2.096e+04	1.428e+04	4.90e-03	-480.00	0.0	-1967.73	27.45	13.53	518.12	1.212e+04	-2.367e+04
		-4.161e+04	1.212e+04	-6.06e-03	0.0	160.0	-1967.73	-452.55	13.53	518.12	1.428e+04	-4.161e+04
48	341	-3.091e+04	1.973e+04	0.02	-480.00	0.0	-957.40	-0.36	82.82	2329.57	6475.85	-3.091e+04
		-6.726e+04	6475.85	-4.92e-03	0.0	160.0	-957.40	-480.36	82.82	2329.57	1.973e+04	-6.726e+04
48	344	-2.473e+04	1.805e+04	-8.74e-03	-480.00	0.0	-2158.65	105.74	-59.50	-1286.43	1.805e+04	-3.269e+04
		-3.609e+04	8524.64	-7.51e-03	0.0	160.0	-2158.65	-374.26	-59.50	-1286.43	8524.64	-3.609e+04
48	357	-3.359e+04	1.457e+04	6.25e-03	-480.00	0.0	-1334.89	64.48	17.45	641.59	1.178e+04	-3.557e+04
		-5.644e+04	1.178e+04	-6.15e-03	0.0	160.0	-1334.89	-415.52	17.45	641.59	1.457e+04	-5.644e+04
48	360	-2.555e+04	1.368e+04	4.56e-03	-480.00	0.0	-1781.16	40.91	5.86	401.54	1.247e+04	-2.803e+04
		-4.692e+04	1.274e+04	-6.29e-03	0.0	160.0	-1781.16	-439.09	5.86	401.54	1.368e+04	-4.692e+04
48	362	-3.399e+04	1.405e+04	5.67e-03	-480.00	0.0	-1352.28	65.44	10.78	525.50	1.233e+04	-3.597e+04
		-5.685e+04	1.233e+04	-6.30e-03	0.0	160.0	-1352.28	-414.56	10.78	525.50	1.405e+04	-5.685e+04
48	363	-2.516e+04	1.420e+04	5.14e-03	-480.00	0.0	-1763.77	39.94	12.54	517.63	1.220e+04	-2.764e+04
		-4.651e+04	1.220e+04	-6.14e-03	0.0	160.0	-1763.77	-440.06	12.54	517.63	1.420e+04	-4.651e+04
48	373	-3.035e+04	1.516e+04	6.52e-03	-480.00	0.0	-1462.78	54.90	24.87	730.07	1.118e+04	-3.247e+04
		-5.280e+04	1.118e+04	-5.91e-03	0.0	160.0	-1462.78	-425.10	24.87	730.07	1.516e+04	-5.280e+04
49	98	-2.633e+04	-1.096e+04	-0.04	-480.00	0.0	-2207.63	342.04	101.84	4341.44	-2.726e+04	-4.174e+04
		-4.174e+04	-2.726e+04	9.08e-03	0.0	160.0	-2207.63	-137.96	101.84	4341.44	-1.096e+04	-3.149e+04
49	102	-2.064e+04	-1.213e+04	-0.01	-480.00	0.0	-1688.84	231.09	40.67	1591.23	-1.864e+04	-3.043e+04
		-3.043e+04	-1.864e+04	7.17e-03	0.0	160.0	-1688.84	-248.91	40.67	1591.23	-1.213e+04	-3.005e+04
49	105	-1.479e+05	-2.801e+04	-0.10	-648.00	0.0	-4907.97	665.37	198.95	9258.67	-5.984e+04	-1.703e+05
		-1.703e+05	-5.984e+04	0.02	0.0	160.0	-4907.97	17.37	198.95	9258.67	-2.801e+04	-3.149e+05
49	127	-9.773e+04	-3.994e+04	-0.08	-648.00	0.0	-3207.17	526.54	222.36	1.070e+04	-7.552e+04	-1.195e+05
		-1.195e+05	-7.552e+04	0.03	0.0	160.0	-3207.17	-121.46	222.36	1.070e+04	-3.994e+04	-1.041e+05
49	206	-2.305e+04	-1.239e+04	3.64e-03	-480.00	0.0	-1172.00	175.83	-8.00	-350.11	-1.239e+04	-2.951e+04
		-3.634e+04	-1.367e+04	6.14e-03	0.0	160.0	-1172.00	-304.17	-8.00	-350.11	-1.239e+04	-2.951e+04
49	208	-2.902e+04	-1.246e+04	5.09e-03	-480.00	0.0	-1577.38	54.21	-8.26	-447.59	-1.246e+04	-3.160e+04
		-5.006e+04	-1.379e+04	6.17e-03	0.0	160.0	-1577.38	-425.79	-8.26	-447.59	-1.379e+04	-5.006e+04

49	255	-2.251e+04	-1.268e+04	6.66e-03	-480.00	0.0	-1720.37	30.45	-4.16	-445.26	-1.268e+04	-2.474e+04
		-4.464e+04	-1.335e+04	5.93e-03	0.0	160.0	-1720.37	-449.55	-4.16	-445.26	-1.335e+04	-4.464e+04
49	259	-9.978e+04	-2.194e+04	-0.04	-480.00	0.0	-2988.15	360.95	73.85	3476.22	-3.376e+04	-1.098e+05
		-1.098e+05	-3.376e+04	0.01	0.0	160.0	-2988.15	-119.05	73.85	3476.22	-2.194e+04	-1.089e+05
49	270	-7.125e+04	-2.958e+04	-0.06	-480.00	0.0	-2327.69	405.00	164.68	7930.50	-5.593e+04	-8.830e+04
		-8.830e+04	-5.593e+04	0.02	0.0	160.0	-2327.69	-75.00	164.68	7930.50	-2.958e+04	-7.550e+04
49	287	-3.277e+04	-1.206e+04	6.40e-03	-480.00	0.0	-1887.46	51.86	-12.56	-602.79	-1.206e+04	-3.521e+04
		-5.426e+04	-1.407e+04	6.14e-03	0.0	160.0	-1887.46	-428.14	-12.56	-602.79	-1.407e+04	-5.426e+04
49	309	-2.954e+04	-1.225e+04	5.40e-03	-480.00	0.0	-1557.76	52.90	-11.61	-519.60	-1.225e+04	-3.177e+04
		-5.163e+04	-1.411e+04	6.21e-03	0.0	160.0	-1557.76	-427.10	-11.61	-519.60	-1.411e+04	-5.163e+04
49	310	-2.989e+04	-1.237e+04	5.26e-03	-480.00	0.0	-1547.83	55.25	-9.28	-473.50	-1.237e+04	-3.241e+04
		-5.115e+04	-1.386e+04	6.17e-03	0.0	160.0	-1547.83	-424.75	-9.28	-473.50	-1.386e+04	-5.115e+04
49	311	-5.918e+04	-2.642e+04	-0.03	-480.00	0.0	-1890.71	274.88	91.99	4555.71	-4.114e+04	-6.894e+04
		-6.894e+04	-4.114e+04	0.02	0.0	160.0	-1890.71	-205.12	91.99	4555.71	-2.642e+04	-6.863e+04
49	322	-2.475e+04	-1.244e+04	6.54e-03	-480.00	0.0	-1662.52	35.67	-7.95	-506.33	-1.244e+04	-2.678e+04
		-4.745e+04	-1.371e+04	6.02e-03	0.0	160.0	-1662.52	-444.33	-7.95	-506.33	-1.371e+04	-4.745e+04
49	323	-8.337e+04	-2.016e+04	-0.03	-480.00	0.0	-2613.36	283.55	50.56	2434.79	-2.825e+04	-9.060e+04
		-9.567e+04	-2.825e+04	0.01	0.0	160.0	-2613.36	-196.45	50.56	2434.79	-2.016e+04	-9.567e+04
49	324	-2.954e+04	-1.225e+04	5.40e-03	-480.00	0.0	-1557.76	52.90	-11.61	-519.60	-1.225e+04	-3.177e+04
		-5.163e+04	-1.411e+04	6.21e-03	0.0	160.0	-1557.76	-427.10	-11.61	-519.60	-1.411e+04	-5.163e+04
49	326	-4.524e+04	-1.237e+04	8.77e-03	-480.00	0.0	-867.50	97.09	-9.81	-555.56	-1.237e+04	-4.639e+04
		-7.148e+04	-1.394e+04	6.01e-03	0.0	160.0	-867.50	-382.91	-9.81	-555.56	-1.394e+04	-7.148e+04
49	327	-1.348e+04	-1.213e+04	2.02e-03	-480.00	0.0	-2248.02	8.71	-13.41	-483.64	-1.213e+04	-1.716e+04
		-3.177e+04	-1.427e+04	6.41e-03	0.0	160.0	-2248.02	-471.29	-13.41	-483.64	-1.427e+04	-3.177e+04
49	341	-3.257e+04	-1.036e+04	2.35e-03	-480.00	0.0	-1533.43	52.04	-34.76	-1286.24	-1.036e+04	-3.482e+04
		-5.463e+04	-1.592e+04	6.82e-03	0.0	160.0	-1533.43	-427.96	-34.76	-1286.24	-1.592e+04	-5.463e+04
49	358	-3.766e+04	-1.223e+04	6.43e-03	-480.00	0.0	-1221.99	74.07	-11.73	-596.76	-1.223e+04	-3.932e+04
		-6.165e+04	-1.410e+04	6.14e-03	0.0	160.0	-1221.99	-405.93	-11.73	-596.76	-1.410e+04	-6.165e+04
49	359	-2.137e+04	-1.227e+04	4.36e-03	-480.00	0.0	-1893.54	31.73	-11.48	-442.43	-1.227e+04	-2.423e+04
		-4.160e+04	-1.411e+04	6.28e-03	0.0	160.0	-1893.54	-448.27	-11.48	-442.43	-1.411e+04	-4.160e+04
49	373	-3.120e+04	-1.156e+04	6.17e-03	-480.00	0.0	-1506.81	56.77	-20.01	-718.45	-1.156e+04	-3.326e+04
		-5.380e+04	-1.476e+04	6.41e-03	0.0	160.0	-1506.81	-423.23	-20.01	-718.45	-1.476e+04	-5.380e+04
50	7	-2.115e+04	6019.25	-0.05	-324.00	0.0	-887.58	1629.39	978.85	1.628e+04	-7.229e+04	-1.108e+05
		-1.108e+05	-7.229e+04	3.68e-03	0.0	80.0	-887.58	1305.39	978.85	1.628e+04	6019.25	-2.115e+04
50	105	2.142e+05	4246.39	-0.06	-324.00	0.0	2550.98	6323.82	825.49	1.376e+04	-6.179e+04	-1.756e+05
		-1.756e+05	-6.179e+04	3.16e-03	0.0	80.0	2550.98	5999.82	825.49	1.376e+04	4246.39	2.142e+05
50	106	2.383e+05	3849.66	-0.06	-240.00	0.0	4034.20	6199.85	785.65	1.349e+04	-5.900e+04	-1.447e+05
		-1.447e+05	-5.900e+04	3.07e-03	0.0	80.0	4034.20	5959.85	785.65	1.349e+04	3849.66	2.383e+05
50	127	-2.360e+04	6014.62	-0.05	-324.00	0.0	-1017.51	1601.32	981.92	1.635e+04	-7.254e+04	-1.119e+05
		-1.119e+05	-7.254e+04	3.69e-03	0.0	80.0	-1017.51	1277.32	981.92	1.635e+04	6014.62	-2.360e+04
50	191	-2.018e+04	1792.49	-8.16e-03	-324.00	0.0	-2889.78	873.34	242.04	3051.94	-1.757e+04	-6.843e+04
		-6.843e+04	-1.757e+04	7.39e-04	0.0	80.0	-2889.78	549.34	242.04	3051.94	1792.49	-2.018e+04
50	210	-1.437e+04	4457.76	-0.04	-240.00	0.0	-567.50	1207.06	724.52	1.205e+04	-5.350e+04	-8.062e+04
		-8.062e+04	-5.350e+04	2.72e-03	0.0	80.0	-567.50	967.06	724.52	1.205e+04	4457.76	-1.437e+04
50	259	1.363e+05	2631.09	-0.03	-240.00	0.0	1731.56	4065.38	444.76	6361.15	-3.295e+04	-1.169e+05
		-1.169e+05	-3.295e+04	1.57e-03	0.0	80.0	1731.56	3825.38	444.76	6361.15	2631.09	1.363e+05
50	270	-1.600e+04	4454.68	-0.04	-240.00	0.0	-654.12	1188.35	726.56	1.210e+04	-5.367e+04	-8.134e+04
		-8.134e+04	-5.367e+04	2.73e-03	0.0	80.0	-654.12	948.35	726.56	1.210e+04	4454.68	-1.600e+04
50	302	-2.285e+04	1122.05	6.35e-04	-240.00	0.0	-2122.27	395.83	112.78	734.95	-7900.14	-4.410e+04
		-4.410e+04	-7900.14	-4.60e-04	0.0	80.0	-2122.27	155.83	112.78	734.95	1122.05	2.285e+04
50	311	-2.650e+04	3440.32	-0.02	-240.00	0.0	-910.06	778.12	510.06	7861.17	-3.736e+04	-6.767e+04
		-6.767e+04	-3.736e+04	1.83e-03	0.0	80.0	-910.06	538.12	510.06	7861.17	3440.32	-2.650e+04
50	319	-2.131e+04	1126.53	2.23e-04	-240.00	0.0	-1874.23	363.26	113.07	792.63	-7918.91	-3.993e+04
		-3.993e+04	-7918.91	-4.15e-04	0.0	80.0	-1874.23	123.26	113.07	792.63	1126.53	-2.131e+04
50	323	9.480e+04	2250.02	-0.02	-240.00	0.0	901.04	3138.52	358.39	4933.80	-2.642e+04	-9.897e+04
		-9.897e+04	-2.642e+04	1.23e-03	0.0	80.0	901.04	2898.52	358.39	4933.80	2250.02	9.480e+04
50	324	-2.567e+04	1114.75	3.68e-04	-240.00	0.0	-1682.89	362.40	112.37	782.19	-7874.60	-4.418e+04
		-4.418e+04	-7874.60	-4.36e-04	0.0	80.0	-1682.89	122.40	112.37	782.19	1114.75	-2.567e+04
50	326	-4.025e+04	-468.63	1.05e-03	-240.00	0.0	-948.41	399.50	81.49	653.84	-9940.62	-6.209e+04
		-6.209e+04	-9940.62	-5.70e-04	0.0	80.0	-948.41	159.50	81.49	653.84	-468.63	-4.025e+04
50	327	-1.108e+04	2698.13	-3.17e-04	-240.00	0.0	-2417.36	325.29	143.25	910.54	-5808.57	-2.628e+04
		-2.628e+04	-5808.57	-3.03e-04	0.0	80.0	-2417.36	85.29	143.25	910.54	2698.13	-1.108e+04
50	334	-4.024e+04	-468.63	9.64e-04	-240.00	0.0	-950.21	398.97	80.24	638.01	-6846.13	-6.212e+04
		-6.212e+04	-6846.13	-5.19e-04	0.0	80.0	-950.21	158.97	80.24	638.01	-468.63	-4.024e+04
50	335	-1.109e+04	2698.13	-2.31e-04	-240.00	0.0	-2415.56	325.82	144.50	926.37	-8903.06	-2.625e+04
		-2.625e+04	-8903.06	-3.54e-04	0.0	80.0	-2415.56	85.82	144.50	926.37	2698.13	-1.109e+04
50	348	-2.509e+04	1442.93	1.74e-03	-240.00	0.0	-1703.40	320.89	147.82	1635.61	-1.025e+04	-4.380e+04
		-4.380e+04	-1.025e+04	-7.56e-04	0.0	80.0	-1703.40	80.89	147.82	1635.61	1442.93	-2.509e+04
50	358	-3.274e+04	328.96	4.39e-04	-240.00	0.0	-1336.72	389.02	95.55	647.48	-8839.50	-5.302e+04
		-5.302e+04	-8839.50	-5.24e-04	0.0	80.0	-1336.72	149.02	95.55	647.48	328.96	-3.274e+04
50	359	-1.859e+04	1900.54	3.01e-04	-240.00	0.0	-2029.05	335.77	129.19	916.90	-6909.69	-3.535e+04
		-3.535e+04	-6909.69	-3.49e-04	0.0	80.0	-2029.05	95.77	129.19	916.90	1900.54	-1.859e+04
50	366	-3.273e+04	328.96	4.02e-04	-240.00	0.0	-1337.61	388.78	94.93	639.32	-7264.51	-5.303e+04
		-5.303e+04	-7264.51	-4.99e-04	0.0	80.0	-1337.61	148.78	94.93	639.32	328.96	-3.273e+04
50	368	-1.881e+04	1900.54	2.21e-04	-240.00	0.0	-2019.22	342.81	134.86	1012.89	-8889.31	-3.598e+04
		-3.598e+04	-8889.31	-5.07e-04	0.0	80.0	-2019.22	102.81	134.86	1012.89	1900.54	-1.881e+04
50	372	-1.878e+04	1900.54	3.54e-04	-240.00	0.0	-2021.72	341.78	134.22	1001.20	-8838.18	-3.591e+04

		-3.591e+04	-8838.18	-4.69e-04	0.0	80.0	-2021.72	101.78	134.22	1001.20	1900.54	-1.878e+04
51		8-2.438e+04	-4.426e+04	-0.10	-480.00	0.0	1335.92	-206.05	242.39	1.114e+04	-8.304e+04	-2.438e+04
		-7.368e+04	-8.304e+04	0.03	0.0	160.0	1335.92	-686.05	242.39	1.114e+04	-4.426e+04	-7.368e+04
51	98	6455.33	-1.553e+04	-0.04	-480.00	0.0	-416.50	-49.94	105.98	4472.19	-3.249e+04	6335.40
		-2.775e+04	-3.249e+04	0.01	0.0	160.0	-416.50	-529.94	105.98	4472.19	-1.553e+04	-2.775e+04
51	105	-8.884e+04	-3.276e+04	-0.11	-648.00	0.0	-224.49	-85.46	227.65	1.024e+04	-6.918e+04	-8.911e+04
		-1.334e+05	-6.918e+04	0.02	0.0	160.0	-224.49	-733.46	227.65	1.024e+04	-3.276e+04	-1.334e+05
51	124	-2.711e+04	-1.173e+04	-5.54e-03	-480.00	0.0	-1841.36	312.81	16.45	613.42	-1.436e+04	-4.170e+04
		-4.170e+04	-1.436e+04	6.14e-03	0.0	160.0	-1841.36	-167.19	16.45	613.42	-1.173e+04	-3.275e+04
51	127	-6.074e+04	-4.806e+04	-0.10	-648.00	0.0	-443.24	86.22	253.77	1.164e+04	-8.866e+04	-6.366e+04
		-9.085e+04	-8.866e+04	0.03	0.0	160.0	-443.24	-561.78	253.77	1.164e+04	-4.806e+04	-9.085e+04
51	143	-3.206e+04	-1.189e+04	-9.36e-03	-648.00	0.0	-3368.64	604.81	24.51	983.59	-1.487e+04	-5.769e+04
		-7.676e+04	-1.981e+04	8.40e-03	0.0	160.0	-3368.64	-43.19	24.51	983.59	-1.589e+04	-4.584e+04
51	210	-4.107e+04	-3.587e+04	-0.08	-480.00	0.0	-42.26	48.68	184.99	8509.66	-6.546e+04	-4.282e+04
		-6.469e+04	-6.546e+04	0.02	0.0	160.0	-42.26	-431.32	184.99	8509.66	-3.587e+04	-6.469e+04
51	255	-2.140e+04	-1.260e+04	-2.23e-03	-480.00	0.0	-2376.22	436.35	14.90	413.38	-1.499e+04	-4.464e+04
		-4.464e+04	-1.499e+04	6.32e-03	0.0	160.0	-2376.22	-43.65	14.90	413.38	-1.260e+04	-2.325e+04
51	259	-8.054e+04	-2.230e+04	-0.05	-480.00	0.0	-1121.50	194.60	98.94	4404.18	-3.813e+04	-8.893e+04
		-9.134e+04	-3.813e+04	0.01	0.0	160.0	-1121.50	-285.40	98.94	4404.18	-2.230e+04	-9.134e+04
51	268	-3.206e+04	-1.181e+04	-6.66e-03	-480.00	0.0	-2361.56	432.84	17.23	694.98	-1.487e+04	-5.769e+04
		-5.520e+04	-1.457e+04	6.21e-03	0.0	160.0	-2361.56	-47.16	17.23	694.98	-1.181e+04	-3.394e+04
51	270	-4.347e+04	-3.565e+04	-0.08	-480.00	0.0	-227.12	49.61	187.10	8593.56	-6.559e+04	-4.524e+04
		-6.698e+04	-6.559e+04	0.02	0.0	160.0	-227.12	-430.39	187.10	8593.56	-3.565e+04	-6.698e+04
51	283	-2.834e+04	-1.199e+04	-6.19e-03	-480.00	0.0	-2512.35	439.61	16.37	655.84	-1.460e+04	-5.769e+04
		-5.170e+04	-1.460e+04	6.26e-03	0.0	160.0	-2512.35	-40.39	16.37	655.84	-1.199e+04	-3.015e+04
51	310	-2.918e+04	-1.212e+04	-5.53e-03	-480.00	0.0	-2013.02	429.45	13.94	565.69	-1.435e+04	-5.210e+04
		-5.210e+04	-1.435e+04	6.22e-03	0.0	160.0	-2013.02	-50.55	13.94	565.69	-1.212e+04	-3.114e+04
51	311	-4.494e+04	-2.933e+04	-0.05	-480.00	0.0	-874.26	235.36	115.90	5381.06	-4.787e+04	-5.397e+04
		-5.510e+04	-4.787e+04	0.02	0.0	160.0	-874.26	-244.64	115.90	5381.06	-2.933e+04	-5.510e+04
51	322	-2.445e+04	-1.257e+04	-3.02e-03	-480.00	0.0	-2262.17	430.90	12.50	413.27	-1.457e+04	-4.673e+04
		-4.673e+04	-1.457e+04	6.26e-03	0.0	160.0	-2262.17	-49.10	12.50	413.27	-1.257e+04	-2.662e+04
51	323	-6.922e+04	-1.985e+04	-0.04	-480.00	0.0	-1321.13	249.58	75.53	3406.37	-3.193e+04	-7.995e+04
		-7.995e+04	-1.985e+04	0.01	0.0	160.0	-1321.13	-230.42	75.53	3406.37	-1.985e+04	-7.995e+04
51	324	-2.954e+04	-1.225e+04	-5.40e-03	-480.00	0.0	-2020.10	427.10	11.61	519.60	-1.411e+04	-5.163e+04
		-5.163e+04	-1.411e+04	6.20e-03	0.0	160.0	-2020.10	-52.90	11.61	519.60	-1.225e+04	-3.177e+04
51	333	-4.516e+04	-1.237e+04	-8.80e-03	-480.00	0.0	-1342.38	382.20	9.74	559.03	-1.393e+04	-7.146e+04
		-7.146e+04	-1.237e+04	6.38e-03	0.0	160.0	-1342.38	-97.80	9.74	559.03	-1.237e+04	-4.629e+04
51	336	-1.355e+04	-1.212e+04	-1.99e-03	-480.00	0.0	-2697.81	472.00	13.47	480.16	-1.428e+04	-3.179e+04
		-3.179e+04	-1.428e+04	6.02e-03	0.0	160.0	-2697.81	-8.00	13.47	480.16	-1.212e+04	-1.726e+04
51	346	-3.284e+04	-1.034e+04	-2.26e-03	-480.00	0.0	-1953.94	430.32	34.99	1274.67	-1.594e+04	-5.471e+04
		-5.471e+04	-1.594e+04	5.61e-03	0.0	160.0	-1953.94	-49.68	34.99	1274.67	-1.034e+04	-3.515e+04
51	365	-3.766e+04	-1.223e+04	-6.43e-03	-480.00	0.0	-1684.32	405.93	11.73	596.76	-1.410e+04	-6.165e+04
		-6.165e+04	-1.410e+04	6.26e-03	0.0	160.0	-1684.32	-74.07	11.73	596.76	-1.223e+04	-3.932e+04
51	368	-2.137e+04	-1.227e+04	-4.36e-03	-480.00	0.0	-2355.87	448.27	11.48	442.43	-1.411e+04	-4.160e+04
		-4.160e+04	-1.411e+04	6.14e-03	0.0	160.0	-2355.87	-31.73	11.48	442.43	-1.227e+04	-2.423e+04
51	378	-3.120e+04	-1.156e+04	-6.17e-03	-480.00	0.0	-1969.14	423.23	20.01	718.45	-1.476e+04	-5.380e+04
		-5.380e+04	-1.476e+04	5.99e-03	0.0	160.0	-1969.14	-56.77	20.01	718.45	-1.156e+04	-3.326e+04
52	98	6418.74	3.063e+04	-0.04	-480.00	0.0	-362.13	-42.49	-89.94	-4269.23	3.063e+04	6283.02
		-2.755e+04	1.624e+04	-0.01	0.0	160.0	-362.13	-522.49	-89.94	-4269.23	1.624e+04	-2.755e+04
52	105	-5.700e+04	9.039e+04	-0.10	-648.00	0.0	-146.73	73.49	-269.00	-1.191e+04	9.039e+04	-5.965e+04
		-8.792e+04	4.735e+04	-0.03	0.0	160.0	-146.73	-574.51	-269.00	-1.191e+04	4.735e+04	-8.792e+04
52	106	-2.413e+04	8.493e+04	-0.10	-480.00	0.0	1351.31	-216.39	-260.71	-1.153e+04	8.493e+04	-2.413e+04
		-7.420e+04	4.322e+04	-0.03	0.0	160.0	1351.31	-696.39	-260.71	-1.153e+04	4.322e+04	-7.420e+04
52	124	-2.698e+04	1.464e+04	-5.45e-03	-480.00	0.0	-1843.22	310.39	-18.57	-627.88	1.464e+04	-4.145e+04
		-4.145e+04	1.167e+04	-6.35e-03	0.0	160.0	-1843.22	-169.61	-18.57	-627.88	1.167e+04	-3.269e+04
52	127	-9.079e+04	7.112e+04	-0.11	-648.00	0.0	-548.77	-99.15	-245.91	-1.060e+04	7.112e+04	-9.100e+04
		-1.362e+05	3.178e+04	-0.02	0.0	160.0	-548.77	-747.15	-245.91	-1.060e+04	3.178e+04	-1.362e+05
52	143	-4.361e+04	2.010e+04	-9.26e-03	-648.00	0.0	-367.10	601.53	-26.71	-1002.25	2.010e+04	-7.639e+04
		-7.639e+04	1.583e+04	-8.61e-03	0.0	160.0	-367.10	-46.47	-26.71	-1002.25	1.583e+04	-7.639e+04
52	210	-6.304e+04	5.243e+04	-0.08	-480.00	0.0	-119.70	-88.28	-178.82	-7730.93	5.243e+04	-6.309e+04
		-9.826e+04	2.382e+04	-0.02	0.0	160.0	-119.70	-568.28	-178.82	-7730.93	2.382e+04	-9.826e+04
52	255	-2.131e+04	1.363e+04	-3.02e-03	-480.00	0.0	-2334.71	440.56	-2.96	-236.42	1.363e+04	-4.459e+04
		-4.459e+04	1.315e+04	-6.36e-03	0.0	160.0	-2334.71	-39.44	-2.96	-236.42	1.315e+04	-4.459e+04
52	259	-5.223e+04	5.385e+04	-0.05	-480.00	0.0	-1065.49	311.75	-129.45	-5614.77	5.385e+04	-6.712e+04
		-6.712e+04	3.314e+04	-0.02	0.0	160.0	-1065.49	-168.25	-129.45	-5614.77	3.314e+04	-6.712e+04
52	268	-3.195e+04	1.476e+04	-6.59e-03	-480.00	0.0	-2359.76	430.48	-18.71	-708.40	1.476e+04	-5.494e+04
		-5.494e+04	1.177e+04	-6.35e-03	0.0	160.0	-2359.76	-49.52	-18.71	-708.40	1.177e+04	-3.389e+04
52	270	-6.545e+04	5.258e+04	-0.08	-480.00	0.0	-304.97	-87.55	-181.14	-7816.05	5.258e+04	-6.551e+04
		-1.006e+05	2.359e+04	-0.02	0.0	160.0	-304.97	-567.55	-181.14	-7816.05	2.359e+04	-1.006e+05
52	283	-2.822e+04	1.479e+04	-6.12e-03	-480.00	0.0	-2512.98	437.93	-17.76	-666.97	1.479e+04	-5.148e+04
		-5.148e+04	1.195e+04	-6.40e-03	0.0	160.0	-2512.98	-42.07	-17.76	-666.97	1.195e+04	-5.148e+04
52	310	-2.908e+04	1.451e+04	-5.47e-03	-480.00	0.0	-2009.99	427.27	-15.10	-577.58	1.451e+04	-5.184e+04
		-5.184e+04	1.209e+04	-6.33e-03	0.0	160.0	-2009.99	-52.73	-15.10	-577.58	1.209e+04	-3.109e+04
52	311	-6.432e+04	3.801e+04	-0.05	-480.00	0.0	-928.66	132.49	-110.59	-4786.86	3.801e+04	-6.914e+04
		-8.029e+04	2.032e+04	-0.01	0.0	160.0	-928.66	-347.51	-110.59	-4786.86	2.032e+04	-8.029e+04
52	322	-2.436e+04	1.346e+04	-3.63e-03	-480.00	0.0	-2226.71	434.15	-2.86	-280.74	1.346e+04	-4.666e+04
		-4.666e+04	1.301e+04	-6.22e-03	0.0	160.0	-2226.71	-45.85	-2.86	-280.74	1.301e+04	-2.653e+04

52	323	-4.761e+04	4.364e+04	-0.04	-480.00	0.0	-1274.79	337.54	-97.73	-4314.50	4.364e+04	-6.356e+04
		-6.356e+04	2.800e+04	-0.02	0.0	160.0	-1274.79	-142.46	-97.73	-4314.50	2.800e+04	-5.245e+04
52	324	-2.944e+04	1.413e+04	-5.37e-03	-480.00	0.0	-2013.91	425.68	-11.78	-528.34	1.413e+04	-5.140e+04
		-5.140e+04	1.225e+04	-6.21e-03	0.0	160.0	-2013.91	-54.32	-11.78	-528.34	1.225e+04	-3.172e+04
52	333	-4.537e+04	1.367e+04	-8.93e-03	-480.00	0.0	-1335.39	380.98	-6.33	-578.99	1.367e+04	-7.101e+04
		-7.101e+04	1.266e+04	-6.02e-03	0.0	160.0	-1335.39	-99.02	-6.33	-578.99	1.266e+04	-4.666e+04
52	336	-1.323e+04	1.459e+04	-1.82e-03	-480.00	0.0	-2692.43	470.37	-17.22	-477.69	1.459e+04	-3.179e+04
		-3.179e+04	1.184e+04	-6.40e-03	0.0	160.0	-2692.43	-9.63	-17.22	-477.69	1.184e+04	-1.679e+04
52	346	-3.230e+04	1.710e+04	-1.64e-03	-480.00	0.0	-1940.05	429.58	-49.62	-1279.09	1.710e+04	-5.427e+04
		-5.427e+04	9156.43	-6.70e-03	0.0	160.0	-1940.05	-50.42	-49.62	-1279.09	9156.43	-3.458e+04
52	365	-3.757e+04	1.402e+04	-6.41e-03	-480.00	0.0	-1683.80	404.80	-10.52	-600.92	1.402e+04	-6.118e+04
		-6.118e+04	1.233e+04	-6.11e-03	0.0	160.0	-1683.80	-75.20	-10.52	-600.92	1.233e+04	-3.932e+04
52	368	-2.130e+04	1.425e+04	-4.33e-03	-480.00	0.0	-2344.01	446.55	-13.03	-455.76	1.425e+04	-4.163e+04
		-4.163e+04	1.217e+04	-6.31e-03	0.0	160.0	-2344.01	-33.45	-13.03	-455.76	1.217e+04	-2.412e+04
52	378	-3.138e+04	1.526e+04	-6.08e-03	-480.00	0.0	-1939.28	421.57	-26.04	-759.11	1.526e+04	-5.393e+04
		-5.393e+04	1.109e+04	-6.45e-03	0.0	160.0	-1939.28	-58.43	-26.04	-759.11	1.109e+04	-3.346e+04
53	8	2.389e+05	6.121e+04	-0.06	-240.00	0.0	4075.86	6177.28	-813.26	-1.370e+04	6.121e+04	-1.432e+05
		-1.432e+05	-3852.64	-3.09e-03	0.0	80.0	4075.86	5937.28	-813.26	-1.370e+04	-3852.64	2.389e+05
53	105	-2.134e+04	7.492e+04	-0.05	-324.00	0.0	-824.94	1618.63	-1011.74	-1.663e+04	7.492e+04	-1.105e+05
		-1.105e+05	-6020.95	-3.76e-03	0.0	80.0	-824.94	1294.63	-1011.74	-1.663e+04	-6020.95	-2.134e+04
53	165	2.130e+05	6.363e+04	-0.06	-324.00	0.0	2370.22	6330.65	-848.42	-1.389e+04	6.363e+04	-1.775e+05
		-1.775e+05	-4245.38	-3.15e-03	0.0	80.0	2370.22	6006.65	-848.42	-1.389e+04	-4245.38	2.130e+05
53	191	-1.999e+04	1.775e+04	-8.12e-03	-324.00	0.0	-2884.04	871.98	-244.33	-3072.91	1.775e+04	-6.818e+04
		-6.818e+04	-1798.28	-7.65e-04	0.0	80.0	-2884.04	547.98	-244.33	-3072.91	-1798.28	-1.999e+04
53	210	1.605e+05	4.735e+04	-0.04	-240.00	0.0	2013.26	4667.89	-631.18	-1.034e+04	4.735e+04	-1.274e+05
		-1.274e+05	-3147.22	-2.35e-03	0.0	80.0	2013.26	4427.89	-631.18	-1.034e+04	-3147.22	1.605e+05
53	259	-3.816e+04	4.268e+04	-0.02	-240.00	0.0	-766.80	579.52	-582.80	-8458.41	4.268e+04	-6.867e+04
		-6.867e+04	-3943.84	-2.04e-03	0.0	80.0	-766.80	339.52	-582.80	-8458.41	-3943.84	-3.816e+04
53	270	1.589e+05	4.755e+04	-0.04	-240.00	0.0	1927.42	4648.91	-633.63	-1.040e+04	4.755e+04	-1.282e+05
		-1.282e+05	-3144.12	-2.37e-03	0.0	80.0	1927.42	4408.91	-633.63	-1.040e+04	-3144.12	1.589e+05
53	289	1.592e+05	4.710e+04	-0.04	-240.00	0.0	1862.03	4687.48	-628.02	-1.029e+04	4.710e+04	-1.298e+05
		-1.298e+05	-3144.12	-2.33e-03	0.0	80.0	1862.03	4447.48	-628.02	-1.029e+04	-3144.12	1.592e+05
53	302	-2.272e+04	8029.64	6.42e-04	-240.00	0.0	-2117.31	394.67	-114.44	-738.32	8029.64	-4.392e+04
		-4.392e+04	-1125.65	4.14e-04	0.0	80.0	-2117.31	154.67	-114.44	-738.32	-1125.65	-2.272e+04
53	311	1.047e+05	3.264e+04	-0.03	-240.00	0.0	1026.44	3374.68	-438.69	-6569.22	3.264e+04	-1.028e+05
		-1.028e+05	-2457.25	-1.53e-03	0.0	80.0	1026.44	3134.68	-438.69	-6569.22	-2457.25	1.047e+05
53	322	-2.075e+04	6843.02	8.42e-04	-240.00	0.0	-1879.83	358.18	-99.68	-598.65	6843.02	-3.921e+04
		-3.921e+04	-1131.50	4.25e-04	0.0	80.0	-1879.83	118.18	-99.68	-598.65	-1131.50	-2.075e+04
53	323	-3.601e+04	3.360e+04	-0.01	-240.00	0.0	-972.78	525.31	-460.45	-6505.12	3.360e+04	-6.279e+04
		-6.279e+04	-3235.02	-1.55e-03	0.0	80.0	-972.78	285.31	-460.45	-6505.12	-3235.02	-3.601e+04
53	324	-2.548e+04	7892.53	3.65e-04	-240.00	0.0	-1676.16	362.38	-112.62	-784.19	7892.53	-4.399e+04
		-4.399e+04	-1117.19	4.37e-04	0.0	80.0	-1676.16	122.38	-112.62	-784.19	-1117.19	-2.548e+04
53	326	-4.028e+04	7218.63	1.09e-03	-240.00	0.0	-915.59	401.27	-84.00	-624.36	7218.63	-5.920e+04
		-5.920e+04	525.38	-3.42e-04	0.0	80.0	-915.59	161.27	-84.00	-624.36	525.38	-4.028e+04
53	327	-1.069e+04	8566.43	-3.64e-04	-240.00	0.0	-2436.73	323.50	-141.25	-944.03	8566.43	-2.878e+04
		-2.878e+04	-2759.75	5.65e-04	0.0	80.0	-2436.73	83.50	-141.25	-944.03	-2759.75	-1.069e+04
53	333	-3.773e+04	5293.11	2.07e-04	-240.00	0.0	-1037.37	408.75	-59.96	-201.83	5293.11	-6.167e+04
		-6.167e+04	474.57	4.93e-04	0.0	80.0	-1037.37	168.75	-59.96	-201.83	474.57	-3.773e+04
53	344	-2.567e+04	1.171e+04	1.87e-03	-240.00	0.0	-1685.38	337.31	-166.37	-1560.12	1.171e+04	-3.499e+04
		-3.499e+04	-1517.66	-5.52e-04	0.0	80.0	-1685.38	97.31	-166.37	-1560.12	-1517.66	-2.567e+04
53	358	-3.255e+04	7444.56	4.46e-04	-240.00	0.0	-1319.66	382.80	-96.77	-659.92	7444.56	-5.247e+04
		-5.247e+04	-295.40	3.56e-04	0.0	80.0	-1319.66	142.80	-96.77	-659.92	-295.40	-3.255e+04
53	359	-1.842e+04	8340.50	2.87e-04	-240.00	0.0	-2032.66	341.97	-128.48	-908.46	8340.50	-3.552e+04
		-3.552e+04	-1938.98	5.18e-04	0.0	80.0	-2032.66	101.97	-128.48	-908.46	-1938.98	-1.842e+04
53	364	-1.860e+04	9084.95	2.83e-04	-240.00	0.0	-2024.93	339.76	-137.78	-1027.89	9084.95	-3.550e+04
		-3.550e+04	-1938.98	4.12e-04	0.0	80.0	-2024.93	99.76	-137.78	-1027.89	-1938.98	-1.860e+04
53	369	-3.236e+04	6732.23	4.11e-04	-240.00	0.0	-1328.00	385.07	-87.86	-529.40	6732.23	-5.250e+04
		-5.250e+04	-295.39	4.76e-04	0.0	80.0	-1328.00	145.07	-87.86	-529.40	-295.39	-3.236e+04
53	376	-2.376e+04	9476.55	1.90e-04	-240.00	0.0	-1766.21	351.25	-135.50	-1034.11	9476.55	-4.151e+04
		-4.151e+04	-1363.73	-4.03e-04	0.0	80.0	-1766.21	111.25	-135.50	-1034.11	-1363.73	-2.376e+04
54	102	-2.032e+04	1.807e+04	-0.01	-480.00	0.0	-1737.83	239.59	-28.39	-1400.60	1.807e+04	-3.039e+04
		-3.039e+04	1.352e+04	-7.62e-03	0.0	160.0	-1737.83	-240.41	-28.39	-1400.60	1.352e+04	-2.946e+04
54	105	-9.716e+04	7.635e+04	-0.08	-648.00	0.0	-3106.44	543.16	-237.43	-1.096e+04	7.635e+04	-1.200e+05
		-1.200e+05	3.836e+04	-0.03	0.0	160.0	-3106.44	-104.84	-237.43	-1.096e+04	3.836e+04	-1.030e+05
54	150	-2.861e+04	2.743e+04	-0.04	-480.00	0.0	-2265.57	340.68	-100.35	-4491.35	2.743e+04	-4.346e+04
		-4.346e+04	1.137e+04	-9.52e-03	0.0	160.0	-2265.57	-139.32	-100.35	-4491.35	1.137e+04	-3.409e+04
54	165	-1.510e+05	6.011e+04	-0.09	-648.00	0.0	-5104.85	656.03	-209.28	-9323.82	6.011e+04	-1.732e+05
		-1.732e+05	2.662e+04	-0.02	0.0	160.0	-5104.85	8.03	-209.28	-9323.82	2.662e+04	-1.571e+05
54	206	-2.293e+04	1.369e+04	3.62e-03	-480.00	0.0	-1169.31	176.84	8.15	357.53	1.369e+04	-2.945e+04
		-3.616e+04	1.239e+04	-6.14e-03	0.0	160.0	-1169.31	-303.16	8.15	357.53	1.239e+04	-3.616e+04
54	208	-2.893e+04	1.364e+04	5.11e-03	-480.00	0.0	-1566.39	54.46	7.10	451.66	1.364e+04	-4.989e+04
		-4.989e+04	1.250e+04	-6.25e-03	0.0	160.0	-1566.39	-425.54	7.10	451.66	1.250e+04	-4.989e+04
54	255	-2.235e+04	1.477e+04	5.80e-03	-480.00	0.0	-1769.34	39.80	16.81	652.09	1.477e+04	-4.400e+04
		-4.400e+04	1.208e+04	-6.36e-03	0.0	160.0	-1769.34	-440.20	16.81	652.09	1.208e+04	-4.400e+04
54	259	-6.230e+04	4.595e+04	-0.03	-480.00	0.0	-1650.89	270.44	-102.31	-4711.33	4.595e+04	-7.260e+04
		-7.260e+04	2.958e+04	-0.02	0.0	160.0	-1650.89	-209.56	-102.31	-4711.33	2.958e+04	-7.260e+04
54	289	-1.104e+05	4.454e+04	-0.07	-480.00	0.0	-3716.00	499.69	-155.27	-6927.98	4.454e+04	-1.278e+05

		-1.278e+05	1.970e+04	-0.02	0.0	160.0	-3716.00	19.69	-155.27	-6927.98	1.970e+04	-1.146e+05
54	310	-2.981e+04	1.376e+04	5.27e-03	-480.00	0.0	-1538.71	55.92	8.46	479.10	1.240e+04	-3.235e+04
		-5.096e+04	1.240e+04	-6.23e-03	0.0	160.0	-1538.71	-424.08	8.46	479.10	1.376e+04	-5.096e+04
54	311	-8.713e+04	3.277e+04	-0.04	-480.00	0.0	-2812.10	338.24	-86.82	-3884.92	3.277e+04	-9.671e+04
		-9.674e+04	1.888e+04	-0.01	0.0	160.0	-2812.10	-141.76	-86.82	-3884.92	1.888e+04	-9.674e+04
54	322	-2.460e+04	1.488e+04	5.86e-03	-480.00	0.0	-1702.86	43.72	18.23	666.35	1.197e+04	-2.677e+04
		-4.688e+04	1.197e+04	-6.30e-03	0.0	160.0	-1702.86	-436.28	18.23	666.35	1.488e+04	-4.688e+04
54	323	-5.524e+04	3.737e+04	-0.02	-480.00	0.0	-1614.03	216.71	-71.11	-3356.21	3.737e+04	-6.267e+04
		-6.728e+04	2.599e+04	-0.02	0.0	160.0	-1614.03	-263.29	-71.11	-3356.21	2.599e+04	-6.728e+04
54	324	-2.944e+04	1.413e+04	5.37e-03	-480.00	0.0	-1554.63	54.32	11.78	528.34	1.225e+04	-3.172e+04
		-5.140e+04	1.225e+04	-6.22e-03	0.0	160.0	-1554.63	-425.68	11.78	528.34	1.413e+04	-5.140e+04
54	326	-4.559e+04	1.369e+04	8.99e-03	-480.00	0.0	-867.03	99.40	6.60	585.80	1.264e+04	-4.681e+04
		-7.150e+04	1.264e+04	-6.39e-03	0.0	160.0	-867.03	-380.60	6.60	585.80	1.369e+04	-7.150e+04
54	327	-1.297e+04	1.457e+04	1.76e-03	-480.00	0.0	-2242.22	9.24	16.96	470.88	1.186e+04	-1.664e+04
		-3.130e+04	1.186e+04	-6.04e-03	0.0	160.0	-2242.22	-470.76	16.96	470.88	1.457e+04	-3.130e+04
54	341	-3.153e+04	1.703e+04	1.50e-03	-480.00	0.0	-1511.02	49.13	48.73	1256.40	9231.15	-3.409e+04
		-5.263e+04	9231.15	-5.65e-03	0.0	160.0	-1511.02	-430.87	48.73	1256.40	1.703e+04	-5.263e+04
54	358	-3.757e+04	1.402e+04	6.41e-03	-480.00	0.0	-1224.52	75.20	10.52	600.91	1.233e+04	-3.932e+04
		-6.118e+04	1.233e+04	-6.30e-03	0.0	160.0	-1224.52	-404.80	10.52	600.91	1.402e+04	-6.118e+04
54	359	-2.130e+04	1.425e+04	4.33e-03	-480.00	0.0	-1884.73	33.45	13.03	455.76	1.217e+04	-4.612e+04
		-4.163e+04	1.217e+04	-6.13e-03	0.0	160.0	-1884.73	-446.55	13.03	455.76	1.425e+04	-4.163e+04
54	373	-3.138e+04	1.526e+04	6.08e-03	-480.00	0.0	-1480.00	58.43	26.04	759.11	1.109e+04	-3.346e+04
		-5.393e+04	1.109e+04	-5.95e-03	0.0	160.0	-1480.00	-421.57	26.04	759.11	1.526e+04	-5.393e+04
55	33	-8.400e+04	-2.025e+04	1.40e-03	-648.00	0.0	-4738.03	-424.82	-165.03	-1.088e+04	-2.025e+04	-8.400e+04
		-1.719e+05	-4.666e+04	0.02	0.0	160.0	-4738.03	-1072.82	-165.03	-1.088e+04	-4.666e+04	-1.719e+05
55	49	5778.51	-8.393e+04	-5.19e-04	-648.00	0.0	-1055.02	-362.03	-136.29	-6676.03	-8.393e+04	5778.51
		-1.006e+05	-1.057e+05	0.05	0.0	160.0	-1055.02	-1010.03	-136.29	-6676.03	-1.057e+05	-1.006e+05
55	149	6540.79	-2.480e+04	8.22e-04	-648.00	0.0	-457.31	-1352.05	-297.84	-2.091e+04	-2.480e+04	6540.79
		-1.765e+05	-7.246e+04	0.02	0.0	160.0	-457.31	-2000.05	-297.84	-2.091e+04	-7.246e+04	-1.765e+05
55	150	8272.24	-1.368e+04	7.33e-04	-480.00	0.0	-214.81	-1295.03	-284.92	-2.007e+04	-1.368e+04	8272.24
		-1.570e+05	-5.927e+04	0.02	0.0	160.0	-214.81	-1775.03	-284.92	-2.007e+04	-5.927e+04	-1.570e+05
55	188	4901.72	-1.326e+04	-6.72e-04	-480.00	0.0	-130.42	-1234.91	-277.92	-1.980e+04	-1.326e+04	4901.72
		-1.511e+05	-5.773e+04	0.02	0.0	160.0	-130.42	-1714.91	-277.92	-1.980e+04	-5.773e+04	-1.511e+05
55	204	-6.877e+04	-6708.62	1.02e-03	-480.00	0.0	-3437.06	-75.71	-80.52	-5308.89	-6708.62	-6.877e+04
		-1.070e+05	-1.959e+04	6.09e-03	0.0	160.0	-3437.06	-555.71	-80.52	-5308.89	-1.959e+04	-1.070e+05
55	223	-6.934e+04	-5298.48	1.01e-03	-480.00	0.0	-3430.79	57.88	-45.06	-3057.47	-5298.48	-7.091e+04
		-9.373e+04	-1.251e+04	4.08e-03	0.0	160.0	-3430.79	-422.12	-45.06	-3057.47	-1.251e+04	-9.373e+04
55	270	3783.34	-4.982e+04	2.80e-04	-480.00	0.0	-712.05	-349.29	-103.54	-6071.49	-4.982e+04	3783.34
		-7.747e+04	-6.639e+04	0.03	0.0	160.0	-712.05	-829.29	-103.54	-6071.49	-6.639e+04	-7.747e+04
55	281	-4019.09	-8648.47	5.86e-04	-480.00	0.0	-254.28	-625.03	-143.09	-1.048e+04	-8648.47	-4019.09
		-9.677e+04	-3.154e+04	8.89e-03	0.0	160.0	-254.28	-1105.03	-143.09	-1.048e+04	-3.154e+04	-9.677e+04
55	300	-6266.10	-8368.65	5.38e-04	-480.00	0.0	-198.02	-584.95	-138.42	-1.030e+04	-8368.65	-6266.10
		-9.288e+04	-3.052e+04	8.57e-03	0.0	160.0	-198.02	-1064.95	-138.42	-1.030e+04	-3.052e+04	-9.288e+04
55	305	-6.973e+04	-5200.71	9.94e-04	-480.00	0.0	-3425.00	62.61	-43.56	-3010.48	-5200.71	-7.154e+04
		-9.310e+04	-1.217e+04	3.97e-03	0.0	160.0	-3425.00	-417.39	-43.56	-3010.48	-1.217e+04	-9.310e+04
55	311	-5446.33	-4.294e+04	-2.25e-04	-480.00	0.0	-573.78	-90.27	-50.58	-2989.13	-4.294e+04	-5446.33
		-5.233e+04	-5.103e+04	0.02	0.0	160.0	-573.78	-570.27	-50.58	-2989.13	-5.103e+04	-5.233e+04
55	313	-8409.08	-1.553e+04	3.87e-04	-480.00	0.0	-254.50	-424.67	-106.89	-8026.86	-1.553e+04	-8409.08
		-7.827e+04	-3.263e+04	0.01	0.0	160.0	-254.50	-904.67	-106.89	-8026.86	-3.263e+04	-7.827e+04
55	314	-5.543e+04	-3.115e+04	7.36e-04	-480.00	0.0	-2674.74	61.00	-35.74	-2561.14	-3.115e+04	-5.543e+04
		-7.844e+04	-1.887e+04	7.44e-03	0.0	160.0	-2674.74	-419.00	-35.74	-2561.14	-1.887e+04	-7.844e+04
55	316	-7198.31	-4.853e+04	-1.67e-04	-480.00	0.0	-628.62	95.88	-19.78	-227.50	-4.853e+04	-7487.74
		-3.886e+04	-5.170e+04	0.02	0.0	160.0	-628.62	-384.12	-19.78	-227.50	-5.170e+04	-3.886e+04
55	324	-9635.87	-2.909e+04	1.61e-04	-480.00	0.0	-497.89	42.61	-19.15	-1107.81	-2.909e+04	-1.024e+04
		-3.899e+04	-3.216e+04	0.01	0.0	160.0	-497.89	-437.39	-19.15	-1107.81	-3.216e+04	-3.899e+04
55	336	-1.000e+04	-2.833e+04	3.49e-04	-480.00	0.0	-570.44	19.38	-14.89	-1446.23	-2.833e+04	-1.025e+04
		-4.232e+04	-3.104e+04	0.01	0.0	160.0	-570.44	-460.62	-14.89	-1446.23	-3.104e+04	-4.232e+04
55	354	-5945.98	-2.795e+04	1.18e-03	-480.00	0.0	-339.10	16.56	-42.49	-739.76	-2.795e+04	-6083.57
		-3.988e+04	-3.466e+04	0.02	0.0	160.0	-339.10	-463.44	-42.49	-739.76	-3.466e+04	-3.988e+04
55	355	-1.299e+04	-2.966e+04	-1.34e-03	-480.00	0.0	-656.68	68.66	4.19	-1475.87	-3.023e+04	-1.440e+04
		-3.810e+04	-3.023e+04	0.01	0.0	160.0	-656.68	-411.34	4.19	-1475.87	-2.966e+04	-3.810e+04
55	356	-6426.78	-2.763e+04	1.19e-03	-480.00	0.0	-401.41	6.31	-37.75	-1008.63	-2.763e+04	-6488.36
		-4.150e+04	-3.377e+04	0.02	0.0	160.0	-401.41	-473.69	-37.75	-1008.63	-3.377e+04	-4.150e+04
55	372	-9621.40	-2.862e+04	2.89e-04	-480.00	0.0	-532.34	29.22	-18.30	-1303.38	-2.862e+04	-9991.40
		-4.063e+04	-3.172e+04	0.01	0.0	160.0	-532.34	-450.78	-18.30	-1303.38	-3.172e+04	-4.063e+04
55	386	-7880.16	-2.853e+04	5.96e-04	-480.00	0.0	-418.73	29.77	-30.75	-922.17	-2.853e+04	-8177.97
		-3.941e+04	-3.340e+04	0.01	0.0	160.0	-418.73	-450.23	-30.75	-922.17	-3.340e+04	-3.941e+04
55	387	-1.138e+04	-2.966e+04	-7.07e-04	-480.00	0.0	-577.06	55.45	-7.55	-1293.45	-2.966e+04	-1.231e+04
		-3.857e+04	-3.092e+04	0.01	0.0	160.0	-577.06	-424.55	-7.55	-1293.45	-3.092e+04	-3.857e+04
55	388	-8122.36	-2.836e+04	6.04e-04	-480.00	0.0	-450.76	24.52	-28.37	-1060.48	-2.836e+04	-8380.77
		-4.025e+04	-3.340e+04	0.01	0.0	160.0	-450.76	-455.48	-28.37	-1060.48	-3.340e+04	-4.025e+04
56	33	2.345e+05	1.269e+04	-6.73e-03	-324.00	0.0	2110.59	6673.56	-56.74	-1.352e+04	1.269e+04	-1.536e+05
		-1.536e+05	8155.46	-3.22e-03	0.0	80.0	2110.59	6349.56	-56.74	-1.352e+04	8155.46	2.345e+05
56	121	4157.51	-377.94	-1.98e-04	-324.00	0.0	-460.68	711.55	-17.93	-5387.30	-377.94	-1.412e+04
		-1.412e+04	-1812.63	-2.23e-03	0.0	80.0	-460.68	387.55	-17.93	-5387.30	-1812.63	4157.51
56	149	838.51	3.936e+04	-9.46e-04	-324.00	0.0	651.55	415.42	-555.51	-3.179e+04	3.936e+04	-181.29
		-5827.94	-5084.94	-4.68e-03	0.0	80.0	651.55	91.42	-555.51	-3.179e+04	-5084.94	-5827.94

56	150	6058.96	4.005e+04	-8.54e-04	-240.00	0.0	753.47	227.08	-558.11	-3.029e+04	4.005e+04	6058.96
		-6162.70	-4597.55	-4.23e-03	0.0	80.0	753.47	-12.92	-558.11	-3.029e+04	-4597.55	-6162.70
56	197	2.345e+05	1.246e+04	-6.75e-03	-324.00	0.0	2121.68	6680.08	-53.83	-1.341e+04	1.246e+04	-1.550e+05
		-1.550e+05	8154.05	-3.22e-03	0.0	80.0	2121.68	6356.08	-53.83	-1.341e+04	8154.05	2.345e+05
56	198	2.341e+05	1.316e+04	-6.65e-03	-240.00	0.0	2223.60	6491.74	-56.43	-1.191e+04	1.316e+04	-1.487e+05
		-1.487e+05	8641.44	-2.72e-03	0.0	80.0	2223.60	6251.74	-56.43	-1.191e+04	8641.44	2.341e+05
56	223	1.715e+05	6668.00	-4.65e-03	-240.00	0.0	1172.99	4999.77	84.94	-2222.80	-126.94	-1.185e+05
		-1.185e+05	-126.94	-1.51e-03	0.0	80.0	1172.99	4759.77	84.94	-2222.80	6668.00	1.715e+05
56	231	2890.88	-1399.09	-2.24e-04	-240.00	0.0	-417.44	552.65	47.00	-3945.29	-5159.11	-1.355e+04
		-1.355e+04	-5159.11	-1.95e-03	0.0	80.0	-417.44	312.65	47.00	-3945.29	-1399.09	2890.88
56	281	-3240.58	1.960e+04	-3.72e-04	-240.00	0.0	93.74	364.61	-284.31	-1.575e+04	1.960e+04	-4897.65
		-6510.06	-3139.59	-2.65e-03	0.0	80.0	93.74	124.61	-284.31	-1.575e+04	-3139.59	-6510.06
56	305	1.715e+05	6667.06	-4.67e-03	-240.00	0.0	1180.38	5004.11	86.87	-2151.85	-282.86	-1.194e+05
		-1.194e+05	-282.86	-1.51e-03	0.0	80.0	1180.38	4764.11	86.87	-2151.85	6667.06	1.715e+05
56	313	-4323.84	1.363e+04	-4.20e-04	-240.00	0.0	86.27	410.88	-204.10	-1.286e+04	1.363e+04	-1.102e+04
		-1.102e+04	-2696.17	-2.57e-03	0.0	80.0	86.27	170.88	-204.10	-1.286e+04	-2696.17	-4577.69
56	314	1.289e+05	4658.82	-3.62e-03	-240.00	0.0	885.43	3883.89	71.35	-2761.42	-1049.26	-9.563e+04
		-9.563e+04	-1049.26	-1.69e-03	0.0	80.0	885.43	3643.89	71.35	-2761.42	4658.82	1.289e+05
56	316	2444.80	-1391.50	-2.98e-04	-240.00	0.0	-307.40	548.55	42.90	-4053.28	-4823.38	-1.694e+04
		-1.694e+04	-4823.38	-2.04e-03	0.0	80.0	-307.40	308.55	42.90	-4053.28	-1391.50	2444.80
56	324	2492.54	-1347.89	-2.81e-04	-240.00	0.0	-207.90	533.52	0.91	-4031.09	-1420.87	-1.643e+04
		-1.643e+04	-1420.87	-1.84e-03	0.0	80.0	-207.90	293.52	0.91	-4031.09	-1347.89	2492.54
56	325	-794.46	1174.34	-3.62e-04	-240.00	0.0	-233.71	568.09	49.48	-5149.86	-2855.62	-1.904e+04
		-1.904e+04	-2855.62	-2.85e-03	0.0	80.0	-233.71	328.09	49.48	-5149.86	1174.34	-794.46
56	328	5779.53	13.87	-2.01e-04	-240.00	0.0	-182.08	498.94	-47.65	-2912.32	13.87	-1.382e+04
		-1.382e+04	-3870.11	-8.22e-04	0.0	80.0	-182.08	258.94	-47.65	-2912.32	-3870.11	5779.53
56	349	-6519.21	-597.20	-8.96e-04	-240.00	0.0	17.86	513.35	26.70	-4147.71	-2749.70	-2.281e+04
		-2.281e+04	-2749.70	-2.87e-03	0.0	80.0	17.86	273.35	26.70	-4147.71	-597.20	-6519.21
56	354	1.152e+04	-597.23	3.46e-04	-240.00	0.0	-476.03	577.61	3.14	-4646.66	-868.42	-1.097e+04
		-1.097e+04	-868.42	-1.33e-03	0.0	80.0	-476.03	337.61	3.14	-4646.66	-597.23	1.152e+04
56	355	-6531.15	-1973.33	-9.09e-04	-240.00	0.0	60.23	489.43	-1.32	-3415.51	-1973.33	-2.189e+04
		-2.189e+04	-2098.54	-2.35e-03	0.0	80.0	60.23	249.43	-1.32	-3415.51	-2098.54	-6531.15
56	361	263.90	-85.44	-3.58e-04	-240.00	0.0	-205.84	549.05	26.30	-4603.40	-2217.69	-1.812e+04
		-1.812e+04	-2217.69	-2.40e-03	0.0	80.0	-205.84	309.05	26.30	-4603.40	-85.44	263.90
56	364	4721.17	-624.06	-2.04e-04	-240.00	0.0	-209.95	517.98	-24.47	-3458.78	-624.06	-1.475e+04
		-1.475e+04	-2610.33	-1.28e-03	0.0	80.0	-209.95	277.98	-24.47	-3458.78	-2610.33	4721.17
56	381	-1986.76	-969.15	-5.87e-04	-240.00	0.0	-96.20	523.69	13.84	-4090.19	-2085.20	-1.960e+04
		-1.960e+04	-2085.20	-2.35e-03	0.0	80.0	-96.20	283.69	13.84	-4090.19	-969.15	-1986.76
56	386	6977.13	-969.16	3.09e-05	-240.00	0.0	-341.16	555.56	2.16	-4339.17	-1152.16	-1.373e+04
		-1.373e+04	-1152.16	-1.58e-03	0.0	80.0	-341.16	315.56	2.16	-4339.17	-969.16	6977.13
56	387	-1992.06	-1689.59	-5.93e-04	-240.00	0.0	-74.64	511.48	-0.34	-3723.00	-1689.59	-1.914e+04
		-1.914e+04	-1726.61	-2.09e-03	0.0	80.0	-74.64	271.48	-0.34	-3723.00	-1726.61	-1992.06
57	26	1.436e+04	2255.89	3.24e-04	-480.00	0.0	1495.95	-840.80	-257.43	-1.759e+04	2255.89	1.436e+04
		-9.108e+04	-3.893e+04	8.06e-03	0.0	160.0	1495.95	-1320.80	-257.43	-1.759e+04	-3.893e+04	-9.108e+04
57	33	-4.984e+04	-1.571e+04	1.16e-03	-648.00	0.0	-2956.44	-559.11	-129.98	-8603.90	-1.571e+04	-4.984e+04
		-1.421e+05	-3.651e+04	0.01	0.0	160.0	-2956.44	-1207.11	-129.98	-8603.90	-3.651e+04	-1.421e+05
57	73	-1.956e+04	-6.584e+04	1.99e-04	-648.00	0.0	-79.10	23.12	-88.23	-6344.00	-6.584e+04	-2.639e+04
		-4.057e+04	-7.995e+04	0.03	0.0	160.0	-79.10	-624.88	-88.23	-6344.00	-7.995e+04	-4.057e+04
57	150	1.532e+04	2763.98	3.51e-04	-480.00	0.0	1489.94	-847.89	-259.69	-1.766e+04	2763.98	1.532e+04
		-9.203e+04	-3.879e+04	7.92e-03	0.0	160.0	1489.94	-1327.89	-259.69	-1.766e+04	-3.879e+04	-9.203e+04
57	197	-5.472e+04	-1.674e+04	1.16e-03	-648.00	0.0	-3104.49	-506.08	-125.24	-8406.78	-1.674e+04	-5.472e+04
		-1.397e+05	-3.678e+04	0.01	0.0	160.0	-3104.49	-1154.08	-125.24	-8406.78	-3.678e+04	-1.397e+05
57	219	-2.056e+04	-5834.59	4.58e-04	-480.00	0.0	137.01	-63.66	-99.40	-6801.12	-5834.59	-2.125e+04
		-4.931e+04	-2.174e+04	5.96e-03	0.0	160.0	137.01	-543.66	-99.40	-6801.12	-2.174e+04	-4.931e+04
57	223	-5.409e+04	-9375.96	9.87e-04	-480.00	0.0	-2809.21	-21.69	-14.57	-766.66	-9375.96	-5.437e+04
		-8.584e+04	-1.171e+04	4.83e-03	0.0	160.0	-2809.21	-501.69	-14.57	-766.66	-1.171e+04	-8.584e+04
57	243	-9710.46	-4.389e+04	2.74e-04	-480.00	0.0	-677.84	409.59	16.36	907.34	-4.651e+04	-3.700e+04
		-3.700e+04	-4.651e+04	0.02	0.0	160.0	-677.84	-70.41	16.36	907.34	-3.700e+04	-4.651e+04
57	281	-2.008e+04	-5495.86	4.77e-04	-480.00	0.0	133.00	-68.39	-100.91	-6848.10	-5495.86	-2.062e+04
		-4.994e+04	-2.164e+04	5.86e-03	0.0	160.0	133.00	-548.39	-100.91	-6848.10	-2.164e+04	-4.994e+04
57	289	-1.589e+04	-4.464e+04	1.72e-04	-480.00	0.0	-164.33	54.94	-62.56	-4500.94	-4.464e+04	-2.252e+04
		-2.897e+04	-5.464e+04	0.02	0.0	160.0	-164.33	-425.06	-62.56	-4500.94	-5.464e+04	-2.897e+04
57	305	-5.675e+04	-1.006e+04	9.86e-04	-480.00	0.0	-2907.90	13.67	-11.41	-635.24	-1.006e+04	-5.763e+04
		-8.423e+04	-1.189e+04	5.03e-03	0.0	160.0	-2907.90	-466.33	-11.41	-635.24	-1.189e+04	-8.423e+04
57	313	-2.209e+04	-1.553e+04	3.27e-04	-480.00	0.0	-23.87	62.63	-66.50	-4859.64	-1.553e+04	-2.740e+04
		-3.725e+04	-2.616e+04	9.39e-03	0.0	160.0	-23.87	-417.37	-66.50	-4859.64	-2.616e+04	-3.725e+04
57	314	-4.786e+04	-1.818e+04	7.34e-04	-480.00	0.0	-2233.53	94.11	-2.87	-333.79	-1.818e+04	-5.223e+04
		-6.465e+04	-1.864e+04	8.54e-03	0.0	160.0	-2233.53	-385.89	-2.87	-333.79	-1.864e+04	-6.465e+04
57	319	-7895.89	-4.278e+04	2.05e-04	-480.00	0.0	-635.00	417.57	20.33	921.71	-4.603e+04	-3.921e+04
		-3.921e+04	-4.603e+04	0.02	0.0	160.0	-635.00	-62.43	20.33	921.71	-4.278e+04	-8222.78
57	324	-9635.87	-2.909e+04	2.42e-04	-480.00	0.0	-722.29	437.39	19.15	1107.81	-3.216e+04	-3.899e+04
		-3.899e+04	-3.216e+04	0.01	0.0	160.0	-722.29	-42.61	19.15	1107.81	-2.909e+04	-1.024e+04
57	327	-1.002e+04	-2.833e+04	-1.78e-04	-480.00	0.0	-792.63	461.38	14.86	1419.90	-3.104e+04	-4.247e+04
		-4.247e+04	-3.104e+04	0.01	0.0	160.0	-792.63	-18.62	14.86	1419.90	-2.833e+04	-1.026e+04
57	349	-5945.98	-2.795e+04	-1.18e-03	-480.00	0.0	-563.50	463.44	42.49	739.75	-3.466e+04	-3.988e+04
		-3.988e+04	-3.466e+04	0.01	0.0	160.0	-563.50	-16.56	42.49	739.75	-2.795e+04	-6083.57
57	351	-6426.78	-2.763e+04	-1.19e-03	-480.00	0.0	-625.81	473.69	37.75	1008.63	-3.377e+04	-4.150e+04

		-4.150e+04	-3.377e+04	0.01	0.0	160.0	-625.81	-6.31	37.75	1008.63	-2.763e+04	-6488.35
57	352	-1.299e+04	-2.966e+04	1.34e-03	-480.00	0.0	-881.08	411.34	-4.19	1475.87	-2.966e+04	-3.810e+04
		-3.810e+04	-3.023e+04	0.01	0.0	160.0	-881.08	-68.66	-4.19	1475.87	-3.023e+04	-1.440e+04
57	363	-9621.40	-2.862e+04	1.77e-04	-480.00	0.0	-756.74	450.78	18.30	1303.38	-3.172e+04	-4.063e+04
		-4.063e+04	-3.172e+04	0.01	0.0	160.0	-756.74	-29.22	18.30	1303.38	-2.862e+04	-9991.40
57	381	-7880.16	-2.853e+04	-5.46e-04	-480.00	0.0	-643.13	450.23	30.75	922.17	-3.340e+04	-3.941e+04
		-3.941e+04	-3.340e+04	0.01	0.0	160.0	-643.13	-29.77	30.75	922.17	-2.853e+04	-8177.97
57	383	-8122.36	-2.836e+04	-5.48e-04	-480.00	0.0	-675.16	455.48	28.37	1060.48	-3.296e+04	-4.025e+04
		-4.025e+04	-3.296e+04	0.01	0.0	160.0	-675.16	-24.52	28.37	1060.48	-2.836e+04	-8380.77
57	384	-1.138e+04	-2.966e+04	7.07e-04	-480.00	0.0	-801.46	424.55	7.55	1293.46	-3.092e+04	-3.857e+04
		-3.857e+04	-3.092e+04	0.01	0.0	160.0	-801.46	-55.45	7.55	1293.46	-2.966e+04	-1.231e+04
58	49	8453.47	-2.215e+04	8.35e-04	-648.00	0.0	-417.37	-1336.74	-303.57	-2.115e+04	-2.215e+04	8453.47
		-1.762e+05	-7.072e+04	0.02	0.0	160.0	-417.37	-1984.74	-303.57	-2.115e+04	-7.072e+04	-1.762e+05
58	50	1.019e+04	-1.104e+04	7.46e-04	-480.00	0.0	-174.88	-1279.68	-290.66	-2.031e+04	-1.104e+04	1.019e+04
		-1.567e+05	-5.754e+04	0.02	0.0	160.0	-174.88	-1759.68	-290.66	-2.031e+04	-5.754e+04	-1.567e+05
58	54	1773.97	-9754.26	6.28e-04	-480.00	0.0	-225.48	-762.68	-186.82	-1.303e+04	-9754.26	1773.97
		-1.114e+05	-3.964e+04	0.01	0.0	160.0	-225.48	-1242.68	-186.82	-1.303e+04	-3.964e+04	-1.114e+05
58	57	-8.300e+04	-2.295e+04	1.41e-03	-648.00	0.0	-4757.95	-426.66	-166.89	-1.092e+04	-2.295e+04	-8.300e+04
		-1.726e+05	-4.965e+04	0.02	0.0	160.0	-4757.95	-1074.66	-166.89	-1.092e+04	-4.965e+04	-1.726e+05
58	73	5628.20	-8.345e+04	-5.25e-04	-648.00	0.0	-1045.46	-363.88	-136.37	-6674.80	-8.345e+04	5628.20
		-1.006e+05	-1.053e+05	0.05	0.0	160.0	-1045.46	-1011.88	-136.37	-6674.80	-1.053e+05	-1.006e+05
58	231	-2291.64	-6651.83	6.02e-04	-480.00	0.0	-234.16	-616.35	-147.70	-1.063e+04	-6651.83	-2291.64
		-9.703e+04	-3.028e+04	8.05e-03	0.0	160.0	-234.16	-1096.35	-147.70	-1.063e+04	-3.028e+04	-9.703e+04
58	235	-6.874e+04	-7244.57	1.01e-03	-480.00	0.0	-3449.40	57.79	-46.45	-3057.36	-7.244.57	-7.004e+04
		-9.432e+04	-1.468e+04	5.02e-03	0.0	160.0	-3449.40	-422.21	-46.45	-3057.36	-1.468e+04	-9.432e+04
58	270	4463.37	-5.221e+04	2.84e-04	-480.00	0.0	-724.50	-349.15	-104.66	-6070.25	-5.221e+04	4463.37
		-7.789e+04	-6.896e+04	0.03	0.0	160.0	-724.50	-829.15	-104.66	-6070.25	-6.896e+04	-7.789e+04
58	311	-5361.46	-4.348e+04	-2.26e-04	-480.00	0.0	-572.89	-90.79	-50.78	-2995.02	-4.348e+04	-5361.46
		-5.240e+04	-5.161e+04	0.02	0.0	160.0	-572.89	-570.79	-50.78	-2995.02	-5.161e+04	-5.240e+04
58	316	-6342.51	-1.289e+04	4.19e-04	-480.00	0.0	-266.09	-445.90	-112.14	-8261.08	-1.289e+04	-6342.51
		-8.068e+04	-3.083e+04	9.80e-03	0.0	160.0	-266.09	-925.90	-112.14	-8261.08	-3.083e+04	-8.068e+04
58	317	-5.533e+04	-1.333e+04	7.38e-04	-480.00	0.0	-2677.52	59.70	-36.21	-2579.32	-1.333e+04	-5.715e+04
		-7.865e+04	-1.913e+04	7.54e-03	0.0	160.0	-2677.52	-420.30	-36.21	-2579.32	-1.913e+04	-7.865e+04
58	324	-9643.11	-2.908e+04	1.61e-04	-480.00	0.0	-497.86	42.53	-19.16	-1108.92	-2.908e+04	-1.025e+04
		-3.900e+04	-3.214e+04	0.01	0.0	160.0	-497.86	-437.47	-19.16	-1108.92	-3.214e+04	-3.900e+04
58	344	-5955.04	-2.766e+04	1.13e-03	-480.00	0.0	-355.08	10.45	-40.72	-613.09	-2.766e+04	-6000.74
		-4.127e+04	-3.423e+04	0.01	0.0	160.0	-355.08	-469.55	-40.72	-613.09	-3.423e+04	-4.127e+04
58	352	-4569.51	-2.745e+04	1.40e-03	-480.00	0.0	-324.73	-0.34	-44.62	-371.36	-2.745e+04	-4569.51
		-4.113e+04	-3.465e+04	0.01	0.0	160.0	-324.73	-480.34	-44.62	-371.36	-3.465e+04	-4.113e+04
58	354	-4446.47	-2.759e+04	1.40e-03	-480.00	0.0	-288.83	-0.42	-46.63	-238.77	-2.759e+04	-4455.53
		-4.031e+04	-3.500e+04	0.01	0.0	160.0	-288.83	-480.42	-46.63	-238.77	-3.500e+04	-4.031e+04
58	355	-1.425e+04	-2.928e+04	-1.56e-03	-480.00	0.0	-706.90	85.48	8.31	-1979.07	-3.056e+04	-1.604e+04
		-3.770e+04	-3.056e+04	0.01	0.0	160.0	-706.90	-394.52	8.31	-1979.07	-2.928e+04	-3.770e+04
58	376	-8199.09	-2.840e+04	4.85e-04	-480.00	0.0	-445.77	26.76	-28.81	-799.94	-2.840e+04	-8464.53
		-4.022e+04	-3.305e+04	0.01	0.0	160.0	-445.77	-453.24	-28.81	-799.94	-3.305e+04	-4.022e+04
58	384	-7215.15	-2.827e+04	6.89e-04	-480.00	0.0	-412.13	21.18	-31.82	-741.84	-2.827e+04	-7425.25
		-4.006e+04	-3.339e+04	0.01	0.0	160.0	-412.13	-458.82	-31.82	-741.84	-3.339e+04	-4.006e+04
58	386	-7135.68	-2.834e+04	6.88e-04	-480.00	0.0	-393.78	21.15	-32.83	-673.60	-2.834e+04	-7368.52
		-3.964e+04	-3.356e+04	0.01	0.0	160.0	-393.78	-458.85	-32.83	-673.60	-3.356e+04	-3.964e+04
58	387	-1.201e+04	-2.981e+04	-8.16e-04	-480.00	0.0	-601.95	63.92	-5.49	-1544.24	-2.981e+04	-1.313e+04
		-3.836e+04	-3.072e+04	0.01	0.0	160.0	-601.95	-416.08	-5.49	-1544.24	-3.072e+04	-3.836e+04
59	50	1.007e+04	4.123e+04	-8.30e-04	-240.00	0.0	709.82	214.13	-572.75	-3.062e+04	4.123e+04	1.007e+04
		-6137.34	-4594.22	-4.30e-03	0.0	80.0	709.82	-25.87	-572.75	-3.062e+04	-4594.22	-6137.34
59	57	2.345e+05	1.237e+04	-6.72e-03	-324.00	0.0	2096.36	6669.67	-52.79	-1.372e+04	1.237e+04	-1.532e+05
		-1.532e+05	8147.81	-3.32e-03	0.0	80.0	2096.36	6345.67	-52.79	-1.372e+04	8147.81	2.345e+05
59	58	2.341e+05	1.306e+04	-6.63e-03	-240.00	0.0	2198.33	6481.29	-55.36	-1.222e+04	1.306e+04	-1.469e+05
		-1.469e+05	8635.47	-2.81e-03	0.0	80.0	2198.33	6241.29	-55.36	-1.222e+04	8635.47	2.341e+05
59	63	3.702e+04	4307.57	-1.43e-03	-324.00	0.0	-101.09	1673.19	188.02	-3935.90	-1.073e+04	-4.538e+04
		-4.538e+04	-1.073e+04	-2.87e-03	0.0	80.0	-101.09	1349.19	188.02	-3935.90	4307.57	3.702e+04
59	141	4194.59	-1230.10	-1.85e-04	-324.00	0.0	-495.62	710.54	-7.43	-5594.11	-1230.10	-1.371e+04
		-1.371e+04	-1824.34	-2.50e-03	0.0	80.0	-495.62	386.54	-7.43	-5594.11	-1824.34	4194.59
59	231	-1012.19	2.050e+04	-3.49e-04	-240.00	0.0	51.61	355.61	-295.51	-1.596e+04	2.050e+04	-1591.73
		-6473.55	-3136.70	-2.68e-03	0.0	80.0	51.61	115.61	-295.51	-1.596e+04	-3136.70	-6473.55
59	235	1.715e+05	6663.08	-4.64e-03	-240.00	0.0	1154.21	4997.95	87.74	-2336.85	-356.07	-1.179e+05
		-1.179e+05	-356.07	-1.61e-03	0.0	80.0	1154.21	4757.95	87.74	-2336.85	6663.08	1.715e+05
59	239	3.449e+04	5054.18	-1.18e-03	-240.00	0.0	-201.50	1508.26	256.51	1632.72	-1.547e+04	-4.340e+04
		-4.340e+04	-1.547e+04	-1.82e-03	0.0	80.0	-201.50	1268.26	256.51	1632.72	5054.18	3.449e+04
59	244	3060.16	-1386.00	-1.87e-04	-240.00	0.0	-414.11	547.77	31.76	-3922.13	-3926.57	-1.206e+04
		-1.206e+04	-3926.57	-1.90e-03	0.0	80.0	-414.11	307.77	31.76	-3922.13	-1386.00	3060.16
59	310	2959.91	-1115.57	-1.95e-04	-240.00	0.0	-300.15	531.71	-2.91	-4051.04	-1115.57	-1.268e+04
		-1.268e+04	-1348.62	-1.84e-03	0.0	80.0	-300.15	291.71	-2.91	-4051.04	2959.91	-1.268e+04
59	316	-3666.10	1.460e+04	-3.97e-04	-240.00	0.0	55.55	401.30	-216.21	-1.301e+04	1.460e+04	-8227.61
		-8227.61	-2692.35	-2.51e-03	0.0	80.0	55.55	161.30	-216.21	-1.301e+04	-2692.35	-4592.68
59	317	1.289e+05	4657.48	-3.62e-03	-240.00	0.0	882.50	3883.05	71.23	-2795.81	-1040.52	-9.545e+04
		-9.545e+04	-1040.52	-1.70e-03	0.0	80.0	882.50	3643.05	71.23	-2795.81	4657.48	1.289e+05
59	318	2.613e+04	3450.80	-1.02e-03	-240.00	0.0	-134.28	1265.78	197.80	181.37	-1.237e+04	-3.959e+04
		-3.959e+04	-1.237e+04	-1.87e-03	0.0	80.0	-134.28	1025.78	197.80	181.37	3450.80	2.613e+04

59	324	2489.17	-1348.62	-2.81e-04	-240.00	0.0	-208.01	533.62	0.84	-4031.92	-1415.89	-1.644e+04
		-1.644e+04	-1415.89	-1.84e-03	0.0	80.0	-208.01	293.62	0.84	-4031.92	-1348.62	2489.17
59	349	-1.120e+04	-1069.32	-1.01e-03	-240.00	0.0	178.60	470.74	19.45	-3798.38	-2635.56	-2.547e+04
		-2.547e+04	-2635.56	-1.57e-03	0.0	80.0	178.60	230.74	19.45	-3798.38	-1069.32	-1.120e+04
59	352	1.617e+04	-196.22	4.47e-04	-240.00	0.0	-594.62	596.50	-17.77	-4265.46	-196.22	-7400.88
		-7400.88	-1627.92	-2.11e-03	0.0	80.0	-594.62	356.50	-17.77	-4265.46	-1627.92	1.617e+04
59	354	1.610e+04	-512.34	4.54e-04	-240.00	0.0	-617.96	596.53	-7.19	-4594.95	-512.34	-7469.43
		-7469.43	-1069.34	-2.31e-03	0.0	80.0	-617.96	356.53	-7.19	-4594.95	-1069.34	1.610e+04
59	355	-1.112e+04	-1627.90	-1.02e-03	-240.00	0.0	201.93	470.72	8.87	-3468.89	-2319.44	-2.540e+04
		-2.540e+04	-2319.44	-1.36e-03	0.0	80.0	201.93	230.72	8.87	-3468.89	-1627.90	-1.112e+04
59	381	-4316.64	-1207.19	-6.43e-04	-240.00	0.0	-15.92	502.30	10.17	-3912.41	-2026.34	-2.093e+04
		-2.093e+04	-2026.34	-1.70e-03	0.0	80.0	-15.92	262.30	10.17	-3912.41	-1207.19	-4316.64
59	384	9294.97	-805.43	8.05e-05	-240.00	0.0	-400.10	564.95	-8.49	-4151.43	-805.43	-1.194e+04
		-1.194e+04	-1490.05	-1.97e-03	0.0	80.0	-400.10	324.95	-8.49	-4151.43	-1490.05	9294.97
59	386	9256.11	-967.48	8.41e-05	-240.00	0.0	-411.86	564.96	-3.11	-4316.79	-967.48	-1.198e+04
		-1.198e+04	-1207.20	-2.07e-03	0.0	80.0	-411.86	324.96	-3.11	-4316.79	-1207.20	9256.11
59	387	-4277.78	-1490.04	-6.47e-04	-240.00	0.0	-4.17	502.29	4.79	-3747.05	-1864.30	-2.089e+04
		-2.089e+04	-1864.30	-1.60e-03	0.0	80.0	-4.17	262.29	4.79	-3747.05	-1490.04	-4277.78
60	50	1.869e+04	5630.91	3.89e-04	-480.00	0.0	1473.07	-870.50	-267.50	-1.802e+04	5630.91	1.869e+04
		-9.568e+04	-3.717e+04	6.75e-03	0.0	160.0	1473.07	-1350.50	-267.50	-1.802e+04	-3.717e+04	-9.568e+04
60	57	-4.925e+04	-1.819e+04	1.16e-03	-648.00	0.0	-2941.42	-568.12	-131.37	-8695.68	-1.819e+04	-4.925e+04
		-1.424e+05	-3.921e+04	0.01	0.0	160.0	-2941.42	-1216.12	-131.37	-8695.68	-3.921e+04	-1.424e+05
60	187	-2.135e+04	-7.411e+04	2.03e-04	-648.00	0.0	-201.63	90.16	-76.42	-5753.11	-7.411e+04	-3.438e+04
		-3.438e+04	-8.633e+04	0.04	0.0	160.0	-201.63	-557.84	-76.42	-5753.11	-8.633e+04	-3.423e+04
60	231	-1.791e+04	-3035.23	5.12e-04	-480.00	0.0	110.79	-83.91	-106.90	-7081.06	-3035.23	-1.798e+04
		-5.289e+04	-2.014e+04	4.82e-03	0.0	160.0	110.79	-563.91	-106.90	-7081.06	-2.014e+04	-5.289e+04
60	235	-5.364e+04	-1.092e+04	9.95e-04	-480.00	0.0	-2807.28	-26.63	-15.63	-798.48	-1.092e+04	-5.387e+04
		-8.620e+04	-1.342e+04	5.56e-03	0.0	160.0	-2807.28	-506.63	-15.63	-798.48	-1.342e+04	-8.620e+04
60	289	-1.575e+04	-4.705e+04	1.70e-04	-480.00	0.0	-143.27	50.29	-62.59	-4565.26	-4.705e+04	-2.253e+04
		-2.863e+04	-5.706e+04	0.02	0.0	160.0	-143.27	-429.71	-62.59	-4565.26	-5.706e+04	-2.863e+04
60	300	-6273.43	-4.830e+04	2.77e-04	-480.00	0.0	-767.00	457.04	24.71	1366.79	-5.225e+04	-4.248e+04
		-4.248e+04	-5.225e+04	0.02	0.0	160.0	-767.00	-22.96	24.71	1366.79	-4.830e+04	-6273.43
60	313	-6048.00	-4.487e+04	2.08e-04	-480.00	0.0	-629.42	428.61	24.54	1171.13	-4.880e+04	-4.105e+04
		-4.105e+04	-4.880e+04	0.02	0.0	160.0	-629.42	-51.39	24.54	1171.13	-4.487e+04	-6114.49
60	316	-2.149e+04	-1.244e+04	3.57e-04	-480.00	0.0	-43.97	49.51	-71.70	-5067.48	-1.244e+04	-2.516e+04
		-3.981e+04	-2.391e+04	8.08e-03	0.0	160.0	-43.97	-430.49	-71.70	-5067.48	-2.391e+04	-3.981e+04
60	317	-4.780e+04	-1.835e+04	7.35e-04	-480.00	0.0	-2232.52	92.47	-3.24	-355.55	-1.835e+04	-5.207e+04
		-6.479e+04	-1.887e+04	8.64e-03	0.0	160.0	-2232.52	-387.53	-3.24	-355.55	-1.887e+04	-6.479e+04
60	324	-9643.11	-2.908e+04	2.42e-04	-480.00	0.0	-722.49	437.47	19.16	1108.91	-3.214e+04	-3.900e+04
		-3.900e+04	-3.214e+04	0.01	0.0	160.0	-722.49	-42.53	19.16	1108.91	-2.908e+04	-1.025e+04
60	347	-6051.47	-2.770e+04	-1.13e-03	-480.00	0.0	-563.66	468.24	39.68	564.94	-3.411e+04	-4.167e+04
		-4.167e+04	-3.411e+04	0.01	0.0	160.0	-563.66	-11.76	39.68	564.94	-2.770e+04	-6076.83
60	349	-4446.47	-2.759e+04	-1.40e-03	-480.00	0.0	-513.46	480.42	46.63	238.77	-3.500e+04	-4.031e+04
		-4.031e+04	-3.500e+04	0.02	0.0	160.0	-513.46	0.42	46.63	238.77	-2.759e+04	-4455.53
60	352	-1.425e+04	-2.928e+04	1.56e-03	-480.00	0.0	-931.53	394.52	-8.31	1979.06	-2.928e+04	-3.770e+04
		-3.770e+04	-3.056e+04	0.01	0.0	160.0	-931.53	-85.48	-8.31	1979.06	-3.056e+04	-1.604e+04
60	355	-4569.51	-2.745e+04	-1.40e-03	-480.00	0.0	-549.36	480.34	44.62	371.36	-3.465e+04	-4.113e+04
		-4.113e+04	-3.465e+04	0.01	0.0	160.0	-549.36	0.34	44.62	371.36	-2.745e+04	-4569.51
60	379	-8199.09	-2.840e+04	-4.01e-04	-480.00	0.0	-670.40	453.24	28.81	799.94	-3.305e+04	-4.022e+04
		-4.022e+04	-3.305e+04	0.01	0.0	160.0	-670.40	-26.76	28.81	799.94	-2.840e+04	-8464.53
60	381	-7135.69	-2.834e+04	-6.55e-04	-480.00	0.0	-618.41	458.85	32.83	673.60	-3.356e+04	-3.964e+04
		-3.964e+04	-3.356e+04	0.01	0.0	160.0	-618.41	-21.15	32.83	673.60	-2.834e+04	-7368.52
60	384	-1.201e+04	-2.981e+04	8.16e-04	-480.00	0.0	-826.58	416.08	5.49	1544.23	-3.072e+04	-3.836e+04
		-3.836e+04	-3.072e+04	0.01	0.0	160.0	-826.58	-63.92	5.49	1544.23	-2.981e+04	-1.313e+04
60	387	-7215.15	-2.827e+04	-6.54e-04	-480.00	0.0	-636.76	458.82	31.82	741.84	-3.339e+04	-4.006e+04
		-4.006e+04	-3.339e+04	0.01	0.0	160.0	-636.76	-21.18	31.82	741.84	-2.827e+04	-7425.25
61	72	2099.27	-1.165e+04	6.28e-04	-480.00	0.0	-231.70	-760.35	-187.07	-1.299e+04	-1.165e+04	2099.27
		-1.114e+05	-4.158e+04	0.01	0.0	160.0	-231.70	-1240.35	-187.07	-1.299e+04	-4.158e+04	-1.114e+05
61	73	8745.36	-2.297e+04	8.36e-04	-648.00	0.0	-418.72	-1336.81	-304.00	-2.113e+04	-2.297e+04	8745.36
		-1.764e+05	-7.161e+04	0.02	0.0	160.0	-418.72	-1984.81	-304.00	-2.113e+04	-7.161e+04	-1.764e+05
61	74	1.048e+04	-1.186e+04	7.47e-04	-480.00	0.0	-176.23	-1279.75	-291.09	-2.029e+04	-1.186e+04	1.048e+04
		-1.569e+05	-5.843e+04	0.02	0.0	160.0	-176.23	-1759.75	-291.09	-2.029e+04	-5.843e+04	-1.569e+05
61	81	-8.263e+04	-2.584e+04	1.40e-03	-648.00	0.0	-4771.33	-422.38	-167.03	-1.089e+04	-2.584e+04	-8.263e+04
		-1.726e+05	-5.257e+04	0.02	0.0	160.0	-4771.33	-1070.38	-167.03	-1.089e+04	-5.257e+04	-1.726e+05
61	89	5552.07	-8.376e+04	-5.83e-04	-648.00	0.0	-1047.52	-360.32	-136.12	-6596.77	-8.376e+04	5552.07
		-1.006e+05	-1.055e+05	0.05	0.0	160.0	-1047.52	-1008.32	-136.12	-6596.77	-1.055e+05	-1.006e+05
61	243	-2172.51	-7105.79	6.03e-04	-480.00	0.0	-233.59	-616.01	-147.83	-1.061e+04	-7105.79	-2172.51
		-9.709e+04	-3.076e+04	8.27e-03	0.0	160.0	-233.59	-1096.01	-147.83	-1.061e+04	-3.076e+04	-9.709e+04
61	247	-6.858e+04	-9230.61	1.01e-03	-480.00	0.0	-3457.75	61.34	-46.37	-3022.97	-9230.61	-6.986e+04
		-9.424e+04	-1.665e+04	5.95e-03	0.0	160.0	-3457.75	-418.66	-46.37	-3022.97	-1.665e+04	-9.424e+04
61	270	4982.27	-5.520e+04	-2.92e-04	-480.00	0.0	-734.88	-347.42	-105.15	-6074.90	-5.520e+04	4982.27
		-7.808e+04	-7.202e+04	0.03	0.0	160.0	-734.88	-827.42	-105.15	-6074.90	-7.202e+04	-7.808e+04
61	311	-5045.08	-4.462e+04	-2.61e-04	-480.00	0.0	-576.02	-91.67	-51.25	-3018.53	-4.462e+04	-5045.08
		-5.261e+04	-5.282e+04	0.02	0.0	160.0	-576.02	-571.67	-51.25	-3018.53	-5.282e+04	-5.261e+04
61	319	-6313.88	-1.212e+04	4.20e-04	-480.00	0.0	-261.12	-447.93	-112.38	-8265.52	-1.212e+04	-6313.88
		-8.081e+04	-3.010e+04	9.45e-03	0.0	160.0	-261.12	-927.93	-112.38	-8265.52	-3.010e+04	-8.081e+04
61	320	-5.528e+04	-1.372e+04	7.38e-04	-480.00	0.0	-2679.24	60.09	-36.28	-2574.99	-1.372e+04	-5.708e+04

		-7.867e+04-1.952e+04	7.72e-03	0.0	160.0	-2679.24	-419.91	-36.28	-2574.99-1.952e+04-7.867e+04
61	324	-9643.09-2.907e+04	1.61e-04	-480.00	0.0	-497.86	42.53	-19.16	-1108.91-2.907e+04-1.025e+04
		-3.900e+04-3.214e+04	0.01	0.0	160.0	-497.86	-437.47	-19.16	-1108.91-3.214e+04-3.900e+04
61	344	-5891.96-2.740e+04	1.82e-03	-480.00	0.0	-365.03	2.44	-47.26	-61.40-2.740e+04-5897.40
		-4.181e+04-3.499e+04	0.02	0.0	160.0	-365.03	-477.56	-47.26	-61.40-3.499e+04-4.181e+04
61	346	-5972.92-2.730e+04	1.82e-03	-480.00	0.0	-384.24	3.50	-45.90	-104.47-2.730e+04-5986.33
		-4.177e+04-3.468e+04	0.02	0.0	160.0	-384.24	-476.50	-45.90	-104.47-3.468e+04-4.177e+04
61	349	-1.234e+04-3.005e+04	-1.06e-03	-480.00	0.0	-633.17	74.53	0.87	-1668.88-3.020e+04-1.395e+04
		-3.656e+04-3.020e+04	0.01	0.0	160.0	-633.17	-405.47	0.87	-1668.88-3.005e+04-3.656e+04
61	352	-6478.81-2.795e+04	9.08e-04	-480.00	0.0	-362.54	10.53	-39.19	-548.94-2.795e+04-6547.57
		-4.145e+04-3.423e+04	0.01	0.0	160.0	-362.54	-469.47	-39.19	-548.94-3.423e+04-4.145e+04
61	373	-1.135e+04-2.967e+04	-8.18e-04	-480.00	0.0	-575.41	58.18	-8.18	-1449.32-2.967e+04-1.237e+04
		-3.812e+04-3.097e+04	0.01	0.0	160.0	-575.41	-421.82	-8.18	-1449.32-3.097e+04-3.812e+04
61	376	-7863.63-2.848e+04	6.93e-04	-480.00	0.0	-420.30	26.88	-30.14	-768.50-2.848e+04-8129.03
		-3.988e+04-3.331e+04	0.01	0.0	160.0	-420.30	-453.12	-30.14	-768.50-3.331e+04-3.988e+04
61	378	-7904.31-2.843e+04	6.93e-04	-480.00	0.0	-429.78	27.41	-29.46	-790.04-2.843e+04-8173.73
		-3.986e+04-3.315e+04	0.01	0.0	160.0	-429.78	-452.59	-29.46	-790.04-3.315e+04-3.986e+04
61	384	-8147.06-2.852e+04	4.87e-04	-480.00	0.0	-430.91	26.65	-29.12	-831.25-2.852e+04-8409.59
		-4.021e+04-3.318e+04	0.01	0.0	160.0	-430.91	-453.35	-29.12	-831.25-3.318e+04-4.021e+04
62	73	3904.27 4.040e+04	-9.20e-04	-324.00	0.0	617.25	402.34	-568.54-3.216e+04 4.040e+04	3674.96
		-5830.60 -5085.14	-4.76e-03	0.0	80.0	617.25	78.34	-568.54-3.216e+04	-5085.14 -5830.60
62	74	9916.37 4.109e+04	-8.28e-04	-240.00	0.0	719.22	213.96	-571.11-3.065e+04 4.109e+04	9916.37
		-6163.94 -4597.47	-4.31e-03	0.0	80.0	719.22	-26.04	-571.11-3.065e+04	-4597.47 -6163.94
62	81	2.345e+05 1.184e+04	-6.72e-03	-324.00	0.0	2094.11	6669.31	-46.21-1.385e+04 1.184e+04	-1.535e+05
		-1.535e+05 8141.13	-3.41e-03	0.0	80.0	2094.11	6345.31	-46.21-1.385e+04	8141.13 2.345e+05
62	82	2.341e+05 1.253e+04	-6.63e-03	-240.00	0.0	2196.08	6480.93	-48.78-1.235e+04 1.253e+04	-1.473e+05
		-1.473e+05 8628.79	-2.88e-03	0.0	80.0	2196.08	6240.93	-48.78-1.235e+04	8628.79 2.341e+05
62	141	4193.25 -1569.65	-1.81e-04	-324.00	0.0	-497.82	710.66	-3.24 -5659.12	-1569.65-1.391e+04
		-1.391e+04 -1828.47	-2.58e-03	0.0	80.0	-497.82	386.66	-3.24 -5659.12	-1828.47 4193.25
62	231	2967.51 -1389.24	-2.21e-04	-240.00	0.0	-293.77	540.42	48.85 -4580.28	-5297.56-1.786e+04
		-1.786e+04 -5297.56	-2.59e-03	0.0	80.0	-293.77	300.42	48.85 -4580.28	-1389.24 2967.51
62	243	-1155.12 2.042e+04	-3.48e-04	-240.00	0.0	60.04	355.90	-294.45-1.597e+04 2.042e+04	-1776.05
		-6492.35 -3138.72	-2.69e-03	0.0	80.0	60.04	115.90	-294.45-1.597e+04	-3138.72 -6492.35
62	247	1.715e+05 6658.51	-4.64e-03	-240.00	0.0	1154.02	4998.10	92.46 -2410.15	-738.50-1.182e+05
		-1.182e+05 -738.50	-1.68e-03	0.0	80.0	1154.02	4758.10	92.46 -2410.15	6658.51 1.715e+05
62	252	2968.01 -1389.32	-1.96e-04	-240.00	0.0	-410.25	549.49	33.10 -3873.79	-4037.00-1.237e+04
		-1.237e+04 -4037.00	-1.88e-03	0.0	80.0	-410.25	309.49	33.10 -3873.79	-1389.32 2968.01
62	310	2960.95 -1146.76	-1.95e-04	-240.00	0.0	-298.08	532.37	-2.52 -4033.43	-1146.76-1.283e+04
		-1.283e+04 -1348.62	-1.84e-03	0.0	80.0	-298.08	292.37	-2.52 -4033.43	-1348.62 2960.95
62	316	2489.14 -1379.32	-3.01e-04	-240.00	0.0	-203.12	539.69	39.34 -4441.60	-4526.84-2.022e+04
		-2.022e+04 -4526.84	-2.40e-03	0.0	80.0	-203.12	299.69	39.34 -4441.60	-1379.32 2489.14
62	319	-3654.69 1.476e+04	-3.96e-04	-240.00	0.0	62.24	401.29	-218.13-1.299e+04 1.476e+04	-8162.35
		-8162.35 -2691.43	-2.48e-03	0.0	80.0	62.24	161.29	-218.13-1.299e+04	-2691.43 -8162.35
62	320	1.289e+05 4656.50	-3.62e-03	-240.00	0.0	882.72	3882.94	72.05 -2814.00	-1107.54-9.549e+04
		-9.549e+04 -1107.54	-1.72e-03	0.0	80.0	882.72	3642.94	72.05 -2814.00	4656.50 1.289e+05
62	324	2489.15 -1348.62	-2.81e-04	-240.00	0.0	-208.01	533.62	0.84 -4031.90	-1415.81-1.644e+04
		-1.644e+04 -1415.81	-1.84e-03	0.0	80.0	-208.01	293.62	0.84 -4031.90	-1348.62 2489.15
62	341	-6432.05 -1611.46	-1.17e-03	-240.00	0.0	49.15	493.62	11.64 -4931.43	-2609.74-2.246e+04
		-2.246e+04 -2609.74	-2.98e-03	0.0	80.0	49.15	253.62	11.64 -4931.43	-1611.46 -6432.05
62	344	1.141e+04 -221.87	6.04e-04	-240.00	0.0	-465.16	573.62	-9.96 -3132.37	-221.87-1.041e+04
		-1.041e+04 -1085.78	-6.98e-04	0.0	80.0	-465.16	333.62	-9.96 -3132.37	-1085.78 1.141e+04
62	346	1.128e+04 94.08	6.09e-04	-240.00	0.0	-465.08	572.55	-21.78 -2917.72	94.08-1.021e+04
		-1.021e+04 -1715.98	-5.04e-04	0.0	80.0	-465.08	332.55	-21.78 -2917.72	-1715.98 1.128e+04
62	347	-6305.14 -981.26	-1.17e-03	-240.00	0.0	49.07	494.69	23.46 -5146.08	-2925.69-2.266e+04
		-2.266e+04 -2925.69	-3.17e-03	0.0	80.0	49.07	254.69	23.46 -5146.08	-981.26 -6305.14
62	371	922.37 -822.59	-3.59e-04	-240.00	0.0	-161.43	521.65	12.78 -4128.86	-1845.84-1.771e+04
		-1.771e+04 -1845.84	-1.95e-03	0.0	80.0	-161.43	281.65	12.78 -4128.86	-822.59 922.37
62	373	-2313.53 -1506.43	-6.44e-04	-240.00	0.0	-66.65	511.90	2.35 -3813.08	-1693.91-1.959e+04
		-1.959e+04 -1693.91	-1.99e-03	0.0	80.0	-66.65	271.90	2.35 -3813.08	-1506.43 -2313.53
62	376	7291.83 -1137.70	8.18e-05	-240.00	0.0	-349.36	555.34	-0.67 -4250.72	-1137.70-1.328e+04
		-1.328e+04 -1190.82	-1.68e-03	0.0	80.0	-349.36	315.34	-0.67 -4250.72	-1190.82 7291.83
62	379	-2249.53 -1190.81	-6.47e-04	-240.00	0.0	-66.70	512.44	8.26 -3920.51	-1852.12-1.969e+04
		-1.969e+04 -1852.12	-2.09e-03	0.0	80.0	-66.70	272.44	8.26 -3920.51	-1190.81 -2249.53
62	387	-1453.34 -1190.81	-5.22e-04	-240.00	0.0	-91.73	516.49	9.08 -3851.10	-1917.32-1.922e+04
		-1.922e+04 -1917.32	-1.64e-03	0.0	80.0	-91.73	276.49	9.08 -3851.10	-1190.81 -1453.34
63	49	-1.999e+04-7.247e+04	2.00e-04	-648.00	0.0	-54.06	42.59	-80.18	-5900.70-7.247e+04-2.997e+04
		-3.631e+04-8.530e+04	0.04	0.0	160.0	-54.06	-605.41	-80.18	-5900.70-8.530e+04-3.631e+04
63	74	1.854e+04 4739.86	3.87e-04	-480.00	0.0	1484.23	-870.81	-267.16-1.804e+04 4739.86	1.854e+04
		-9.542e+04-3.800e+04	7.14e-03	0.0	160.0	1484.23	-1350.81	-267.16-1.804e+04	-3.800e+04-9.542e+04
63	81	-4.939e+04-2.112e+04	1.16e-03	-648.00	0.0	-2923.82	-571.32	-130.93	-8717.44-2.112e+04-4.939e+04
		-1.419e+05-4.207e+04	0.01	0.0	160.0	-2923.82	-1219.32	-130.93	-8717.44-4.207e+04-1.419e+05
63	231	-7336.84-4.737e+04	2.78e-04	-480.00	0.0	-669.35	426.59	22.45	1282.17-5.097e+04-3.966e+04
		-3.966e+04-5.097e+04	0.02	0.0	160.0	-669.35	-53.41	22.45	1282.17-4.737e+04-3.966e+04
63	243	-1.807e+04-3537.11	5.12e-04	-480.00	0.0	118.20	-83.30	-106.49	-7090.78-3537.11-1.817e+04
		-5.265e+04-2.058e+04	5.03e-03	0.0	160.0	118.20	-563.30	-106.49	-7090.78-2.058e+04-5.265e+04
63	247	-5.377e+04-1.293e+04	9.93e-04	-480.00	0.0	-2795.10	-28.16	-15.15	-804.30-1.293e+04-5.404e+04
		-8.578e+04-1.536e+04	6.49e-03	0.0	160.0	-2795.10	-508.16	-15.15	-804.30-1.536e+04-8.578e+04

63	289	-1.554e+04 -5.060e+04	1.44e-04	-480.00	0.0	-112.94	44.43	-62.15	-4661.37 -5.060e+04 -2.263e+04
		-2.803e+04 -6.054e+04	0.03	0.0	160.0	-112.94	-435.57	-62.15	-4661.37 -6.054e+04 -2.803e+04
63	311	-1.281e+04 -4.550e+04	1.60e-04	-480.00	0.0	-375.55	260.47	-12.21	-1353.28 -4.550e+04 -3.228e+04
		-3.228e+04 -4.746e+04	0.02	0.0	160.0	-375.55	-219.53	-12.21	-1353.28 -4.746e+04 -1.596e+04
63	316	-6032.86 -4.327e+04	2.09e-04	-480.00	0.0	-635.47	433.06	25.00	1203.65 -4.727e+04 -4.130e+04
		-4.130e+04 -4.727e+04	0.02	0.0	160.0	-635.47	-46.94	25.00	1203.65 -4.327e+04 -6081.50
63	319	-2.153e+04 -1.170e+04	3.58e-04	-480.00	0.0	-44.80	50.64	-71.70	-5076.06 -1.170e+04 -2.518e+04
		-3.988e+04 -2.317e+04	7.72e-03	0.0	160.0	-44.80	-429.36	-71.70	-5076.06 -2.317e+04 -3.988e+04
63	320	-4.779e+04 -1.874e+04	7.35e-04	-480.00	0.0	-2229.77	91.99	-3.20	-361.20 -1.874e+04 -5.209e+04
		-6.473e+04 -1.926e+04	8.82e-03	0.0	160.0	-2229.77	-388.01	-3.20	-361.20 -1.926e+04 -6.473e+04
63	324	-9643.09 -2.907e+04	2.42e-04	-480.00	0.0	-722.49	437.47	19.16	1108.91 -3.214e+04 -3.900e+04
		-3.900e+04 -3.214e+04	0.01	0.0	160.0	-722.49	-42.53	19.16	1108.91 -2.907e+04 -1.025e+04
63	341	-6014.97 -2.734e+04	-1.82e-03	-480.00	0.0	-593.95	474.84	45.14	110.00 -3.460e+04 -4.181e+04
		-4.181e+04 -3.460e+04	0.01	0.0	160.0	-593.95	-5.16	45.14	110.00 -2.734e+04 -6028.64
63	346	-1.276e+04 -2.937e+04	1.98e-03	-480.00	0.0	-870.24	399.04	-8.18	2150.90 -2.937e+04 -3.616e+04
		-3.616e+04 -3.071e+04	0.02	0.0	160.0	-870.24	-80.96	-8.18	2150.90 -3.071e+04 -1.456e+04
63	347	-5934.01 -2.744e+04	-1.82e-03	-480.00	0.0	-574.74	475.89	46.50	66.92 -3.491e+04 -4.185e+04
		-4.185e+04 -3.491e+04	0.01	0.0	160.0	-574.74	-4.11	46.50	66.92 -2.744e+04 -5939.71
63	373	-7904.32 -2.843e+04	-6.56e-04	-480.00	0.0	-654.41	452.59	29.46	790.03 -3.315e+04 -3.986e+04
		-3.986e+04 -3.315e+04	0.01	0.0	160.0	-654.41	-27.41	29.46	790.03 -2.843e+04 -8173.74
63	378	-1.135e+04 -2.967e+04	8.18e-04	-480.00	0.0	-800.05	421.82	8.18	1449.32 -3.097e+04 -3.812e+04
		-3.812e+04 -3.097e+04	0.01	0.0	160.0	-800.05	-58.18	8.18	1449.32 -2.967e+04 -1.237e+04
63	379	-7863.63 -2.848e+04	-6.57e-04	-480.00	0.0	-644.94	453.12	30.14	768.50 -3.331e+04 -3.988e+04
		-3.988e+04 -3.331e+04	0.01	0.0	160.0	-644.94	-26.88	30.14	768.50 -2.848e+04 -8129.03
63	387	-8147.06 -2.852e+04	-4.04e-04	-480.00	0.0	-655.54	453.35	29.12	831.25 -3.318e+04 -4.021e+04
		-4.021e+04 -3.318e+04	0.01	0.0	160.0	-655.54	-26.65	29.12	831.25 -2.852e+04 -8409.60
64	90	1.225e+04 -3.013e+04	5.95e-04	-480.00	0.0	-330.58	-1061.56	-254.40	-1.730e+04 -3.013e+04 1.225e+04
		-1.368e+05 -7.084e+04	0.02	0.0	160.0	-330.58	-1541.56	-254.40	-1.730e+04 -7.084e+04 -1.368e+05
64	97	-1446.72 -8016.38	9.85e-04	-648.00	0.0	-506.87	-1384.91	-298.72	-2.096e+04 -8016.38 -1446.72
		-1.884e+05 -5.581e+04	0.01	0.0	160.0	-506.87	-2032.91	-298.72	-2.096e+04 -5.581e+04 -1.884e+05
64	98	286.76 3097.03	8.95e-04	-480.00	0.0	-264.38	-1327.85	-285.80	-2.012e+04 3097.03 286.76
		-1.689e+05 -4.263e+04	8.60e-03	0.0	160.0	-264.38	-1807.85	-285.80	-2.012e+04 -4.263e+04 -1.689e+05
64	105	6329.83 -8.757e+04	-6.50e-04	-648.00	0.0	-1060.62	-359.62	-137.02	-6628.38 -8.757e+04 6329.83
		-1.010e+05 -1.095e+05	0.05	0.0	160.0	-1060.62	-1007.62	-137.02	-6628.38 -1.095e+05 -1.010e+05
64	113	-3615.87 -7.860e+04	3.25e-04	-648.00	0.0	-1114.29	-142.41	-78.52	-3418.94 -7.860e+04 -3615.87
		-8.392e+04 -9.116e+04	0.04	0.0	160.0	-1114.29	-790.41	-78.52	-3418.94 -9.116e+04 -8.392e+04
64	255	-9754.51 4252.31	7.09e-04	-480.00	0.0	-296.65	-652.89	-143.94	-1.051e+04 4252.31 -9754.51
		-1.060e+05 -1.878e+04	2.83e-03	0.0	160.0	-296.65	-1132.89	-143.94	-1.051e+04 -1.878e+04 -1.060e+05
64	270	5847.13 -6.286e+04	-4.19e-04	-480.00	0.0	-800.79	-310.22	-104.41	-5317.64 -6.286e+04 5847.13
		-7.759e+04 -7.956e+04	0.03	0.0	160.0	-800.79	-790.22	-104.41	-5317.64 -7.956e+04 -7.759e+04
64	311	-4553.40 -4.940e+04	-3.49e-04	-480.00	0.0	-621.76	-64.01	-50.54	-2434.33 -4.940e+04 -4553.40
		-5.218e+04 -5.749e+04	0.03	0.0	160.0	-621.76	-544.01	-50.54	-2434.33 -5.749e+04 -5.218e+04
64	322	-1.216e+04 -2661.43	5.06e-04	-480.00	0.0	-304.96	-475.65	-109.30	-8172.56 -2661.43 -1.216e+04
		-8.740e+04 -2.015e+04	4.91e-03	0.0	160.0	-304.96	-955.65	-109.30	-8172.56 -2.015e+04 -8.740e+04
64	324	-9642.80 -2.908e+04	1.61e-04	-480.00	0.0	-497.85	42.53	-19.16	-1108.88 -2.908e+04 -1.025e+04
		-3.900e+04 -3.214e+04	0.01	0.0	160.0	-497.85	-437.47	-19.16	-1108.88 -3.214e+04 -3.900e+04
64	341	-1.512e+04 -2.711e+04	-1.49e-03	-480.00	0.0	-755.80	127.13	32.48	1469.40 -3.234e+04 -1.881e+04
		-3.340e+04 -3.234e+04	0.02	0.0	160.0	-755.80	-352.87	32.48	1469.40 -2.711e+04 -3.340e+04
64	344	-1685.74 -2.581e+04	1.33e-03	-480.00	0.0	-239.91	-42.07	-70.80	-3687.15 -2.581e+04 -1685.74
		-4.461e+04 -3.717e+04	0.01	0.0	160.0	-239.91	-522.07	-70.80	-3687.15 -3.717e+04 -4.461e+04
64	346	-2019.16 -2.554e+04	1.33e-03	-480.00	0.0	-271.58	-41.52	-66.84	-3828.98 -2.554e+04 -2019.16
		-4.550e+04 -3.633e+04	0.01	0.0	160.0	-271.58	-521.52	-66.84	-3828.98 -3.633e+04 -4.550e+04
64	376	-7018.59 -2.822e+04	6.02e-04	-480.00	0.0	-412.03	15.38	-34.79	-1309.67 -2.822e+04 -7206.76
		-4.020e+04 -3.777e+04	0.01	0.0	160.0	-412.03	-464.62	-34.79	-1309.67 -3.777e+04 -4.020e+04
64	378	-7203.69 -2.808e+04	6.04e-04	-480.00	0.0	-428.16	15.65	-32.81	-1382.19 -2.808e+04 -7373.63
		-4.065e+04 -3.335e+04	0.01	0.0	160.0	-428.16	-464.35	-32.81	-1382.19 -3.335e+04 -4.065e+04
64	381	-1.089e+04 -2.946e+04	-5.45e-04	-480.00	0.0	-584.08	55.24	-10.68	-819.55 -2.946e+04 -1.185e+04
		-3.794e+04 -3.118e+04	0.01	0.0	160.0	-584.08	-424.76	-10.68	-819.55 -3.118e+04 -3.794e+04
64	384	-8363.80 -2.869e+04	4.72e-04	-480.00	0.0	-411.63	29.82	-27.64	-1398.20 -2.869e+04 -8650.25
		-4.007e+04 -3.311e+04	0.01	0.0	160.0	-411.63	-450.18	-27.64	-1398.20 -3.311e+04 -4.007e+04
65	97	5406.99 4.729e+04	-1.06e-03	-324.00	0.0	769.53	508.27	-667.61	-3.410e+04 4.729e+04 5291.27
		-5123.00 -6114.32	-4.84e-03	0.0	80.0	769.53	184.27	-667.61	-3.410e+04 -6114.32 -5123.00
65	98	1.153e+04 4.799e+04	-9.70e-04	-240.00	0.0	871.50	319.89	-670.18	-3.260e+04 4.799e+04 1.153e+04
		-5456.40 -5626.65	-4.46e-03	0.0	80.0	871.50	79.89	-670.18	-3.260e+04 -5626.65 -5456.40
65	141	4149.23 -1833.08	-1.94e-04	-324.00	0.0	-489.37	707.70	0.14	-5835.74 -1833.08 4149.23
		-1.422e+04 -1844.37	-2.73e-03	0.0	80.0	-489.37	383.70	0.14	-5835.74 -1.422e+04 -1844.37
65	205	3290.39 -1822.68	-3.79e-04	-324.00	0.0	-284.59	720.60	1.43	-5454.73 -1822.68 3290.39
		-2.225e+04 -1937.20	-2.49e-03	0.0	80.0	-284.59	396.60	1.43	-5454.73 -2.225e+04 -1937.20
65	243	2929.48 -1393.58	-2.26e-04	-240.00	0.0	-283.38	539.02	51.51	-4684.88 -1393.58 2929.48
		-1.810e+04 -5514.14	-2.68e-03	0.0	80.0	-283.38	299.02	51.51	-4684.88 -1.810e+04 -5514.14
65	255	-134.02 2.558e+04	-4.57e-04	-240.00	0.0	175.35	433.74	-368.45	-1.743e+04 2.558e+04 -134.02
		-5976.90 -3900.69	-2.66e-03	0.0	80.0	175.35	193.74	-368.45	-1.743e+04 -3900.69 -5976.90
65	259	2699.27 -1410.80	-2.63e-04	-240.00	0.0	-394.67	552.56	52.01	-4042.31 -1410.80 2699.27
		-1.424e+04 -5571.28	-2.09e-03	0.0	80.0	-394.67	312.56	52.01	-4042.31 -1.424e+04 -5571.28
65	260	2913.32 -1396.01	-2.20e-04	-240.00	0.0	-399.19	546.32	37.82	-4080.98 -1396.01 2913.32
		-1.274e+04 -4421.74	-2.06e-03	0.0	80.0	-399.19	306.32	37.82	-4080.98 -1.274e+04 -4421.74
65	263	5316.39 -622.20	-4.51e-04	-240.00	0.0	-198.48	612.97	-16.24	-8269.28 -622.20 5316.39

		-1.529e+04	-1921.24	-2.88e-03	0.0	80.0	-198.48	372.97	-16.24	-8269.28	-1921.24	5316.39
65	310	2945.21	-1113.18	-2.01e-04	-240.00	0.0	-294.05	531.21	-2.94	-4073.94	-1113.18	-1.287e+04
		-1.287e+04	-1348.62	-1.87e-03	0.0	80.0	-294.05	291.21	-2.94	-4073.94	-1348.62	2945.21
65	311	3279.93	-526.98	-4.59e-04	-240.00	0.0	-94.91	520.82	-13.89	-7303.05	-526.98	-1.576e+04
		-1.576e+04	-1638.40	-2.42e-03	0.0	80.0	-94.91	280.82	-13.89	-7303.05	-1638.40	3279.93
65	319	2475.71	-1380.05	-3.00e-04	-240.00	0.0	-197.02	539.77	39.24	-4439.87	-4518.94	-2.028e+04
		-2.028e+04	-4518.94	-2.40e-03	0.0	80.0	-197.02	299.77	39.24	-4439.87	-1380.05	2475.71
65	322	-3054.69	1.880e+04	-4.74e-04	-240.00	0.0	147.03	460.81	-275.73	-1.400e+04	1.880e+04	-7139.05
		-7139.05	-3260.39	-2.30e-03	0.0	80.0	147.03	220.81	-275.73	-1.400e+04	-3260.39	-4204.07
65	323	2303.05	-1392.97	-3.28e-04	-240.00	0.0	-280.49	549.92	39.61	-3957.94	-4561.80	-1.738e+04
		-1.738e+04	-4561.80	-1.96e-03	0.0	80.0	-280.49	309.92	39.61	-3957.94	-1392.97	2303.05
65	324	2489.29	-1348.62	-2.81e-04	-240.00	0.0	-207.99	533.62	0.84	-4031.91	-1415.86	-1.644e+04
		-1.644e+04	-1415.86	-1.84e-03	0.0	80.0	-207.99	293.62	0.84	-4031.91	-1348.62	2489.29
65	341	-1.711e+04	-1974.13	-1.10e-03	-240.00	0.0	381.99	431.52	25.85	-1062.51	-4167.61	-2.840e+04
		-2.840e+04	-4167.61	-7.17e-04	0.0	80.0	381.99	191.52	25.85	-1062.51	-1974.13	-1.711e+04
65	344	2.209e+04	1335.90	5.38e-04	-240.00	0.0	-797.98	635.73	-24.17	-7001.31	1335.90	-4473.18
		-4473.18	-723.11	-2.96e-03	0.0	80.0	-797.98	395.73	-24.17	-7001.31	-723.11	2.209e+04
65	346	2.202e+04	2034.99	5.40e-04	-240.00	0.0	-766.93	618.21	-51.52	-6350.61	2034.99	-3634.80
		-3634.80	-2222.22	-2.45e-03	0.0	80.0	-766.93	378.21	-51.52	-6350.61	-2222.22	2.202e+04
65	347	-1.704e+04	-475.02	-1.10e-03	-240.00	0.0	350.95	449.04	53.20	-1713.22	-4866.70	-1.704e+04
		-2.924e+04	-4866.70	-1.23e-03	0.0	80.0	350.95	209.04	53.20	-1713.22	-475.02	-1.704e+04
65	369	1985.76	-881.32	-3.42e-04	-240.00	0.0	-155.58	515.36	-21.43	-3433.50	-881.32	-1.632e+04
		-1.632e+04	-2603.00	-1.35e-03	0.0	80.0	-155.58	275.36	-21.43	-3433.50	-2603.00	1985.76
65	372	2992.82	-94.24	-2.21e-04	-240.00	0.0	-260.40	551.89	23.11	-4630.32	-1950.39	-1.655e+04
		-1.655e+04	-1950.39	-2.33e-03	0.0	80.0	-260.40	311.89	23.11	-4630.32	-94.24	2992.82
65	373	-4047.17	-1724.93	-5.94e-04	-240.00	0.0	-12.91	503.48	3.33	-3589.21	-1988.30	-2.057e+04
		-2.057e+04	-1988.30	-1.34e-03	0.0	80.0	-12.91	263.48	3.33	-3589.21	-1724.93	-4047.17
65	376	9025.75	-843.41	3.10e-05	-240.00	0.0	-403.08	563.77	-1.65	-4474.61	-843.41	-1.230e+04
		-1.230e+04	-972.31	-2.34e-03	0.0	80.0	-403.08	323.77	-1.65	-4474.61	-972.31	9025.75
65	379	-4012.00	-972.30	-5.94e-04	-240.00	0.0	-28.69	512.30	17.08	-3915.10	-2340.70	-2.099e+04
		-2.099e+04	-2340.70	-1.59e-03	0.0	80.0	-28.69	272.30	17.08	-3915.10	-972.30	-4012.00
66	73	-1.988e+04	-7.482e+04	1.94e-04	-648.00	0.0	-31.62	39.73	-79.69	-5962.69	-7.482e+04	-3.015e+04
		-3.583e+04	-8.757e+04	0.04	0.0	160.0	-31.62	-608.27	-79.69	-5962.69	-8.757e+04	-3.583e+04
66	90	1.251e+04	-1.438e+04	2.84e-04	-480.00	0.0	1257.93	-703.11	-222.32	-1.519e+04	-1.438e+04	1.251e+04
		-7.782e+04	-4.995e+04	0.01	0.0	160.0	1257.93	-1183.11	-222.32	-1.519e+04	-4.995e+04	-7.782e+04
66	97	-6706.25	3899.55	6.31e-04	-648.00	0.0	751.03	-651.57	-266.83	-1.802e+04	3899.55	-6706.25
		-1.088e+05	-3.879e+04	7.46e-03	0.0	160.0	751.03	-1299.57	-266.83	-1.802e+04	-3.879e+04	-1.088e+05
66	98	1.279e+04	1.708e+04	5.19e-04	-480.00	0.0	1226.12	-876.63	-279.75	-1.886e+04	1.708e+04	1.279e+04
		-1.071e+05	-2.768e+04	2.00e-03	0.0	160.0	1226.12	-1356.63	-279.75	-1.886e+04	-2.768e+04	-1.071e+05
66	161	-1.320e+04	-4.135e+04	4.53e-04	-648.00	0.0	-1323.42	675.94	28.13	1879.30	-4.585e+04	-5.801e+04
		-5.801e+04	-4.585e+04	0.02	0.0	160.0	-1323.42	27.94	28.13	1879.30	-4.135e+04	-1.320e+04
66	243	-7021.71	-4.900e+04	2.69e-04	-480.00	0.0	-650.62	423.65	22.75	1214.20	-5.264e+04	-3.976e+04
		-3.976e+04	-5.264e+04	0.02	0.0	160.0	-650.62	-56.35	22.75	1214.20	-4.900e+04	-7021.71
66	251	-1.966e+04	-1.763e+04	4.30e-04	-480.00	0.0	-47.31	40.12	-73.34	-5000.94	-1.763e+04	-2.260e+04
		-3.963e+04	-2.937e+04	0.01	0.0	160.0	-47.31	-439.88	-73.34	-5000.94	-2.937e+04	-3.963e+04
66	255	-2.239e+04	5670.32	6.04e-04	-480.00	0.0	-70.88	-88.42	-115.88	-7713.64	5670.32	-2.239e+04
		-6.130e+04	-1.287e+04	-1.41e-03	0.0	160.0	-70.88	-568.42	-115.88	-7713.64	-1.287e+04	-6.130e+04
66	287	-9885.65	-3.039e+04	3.23e-04	-480.00	0.0	-934.99	488.16	20.15	1324.44	-3.361e+04	-4.208e+04
		-4.208e+04	-3.361e+04	0.02	0.0	160.0	-934.99	8.16	20.15	1324.44	-3.039e+04	-4.208e+04
66	289	-1.596e+04	-5.172e+04	-2.16e-04	-480.00	0.0	-181.88	70.86	-60.60	-3975.82	-5.172e+04	-2.365e+04
		-2.767e+04	-6.141e+04	0.03	0.0	160.0	-181.88	-409.14	-60.60	-3975.82	-6.141e+04	-2.767e+04
66	310	-1.165e+04	-2.864e+04	3.30e-04	-480.00	0.0	-778.70	430.87	14.64	1111.20	-3.098e+04	-3.657e+04
		-3.657e+04	-3.098e+04	0.01	0.0	160.0	-778.70	-49.13	14.64	1111.20	-2.864e+04	-1.165e+04
66	319	-5959.32	-4.326e+04	2.09e-04	-480.00	0.0	-632.08	433.63	25.18	1194.75	-4.326e+04	-5959.32
		-4.139e+04	-4.728e+04	0.02	0.0	160.0	-632.08	-46.37	25.18	1194.75	-4.326e+04	-4.139e+04
66	321	-1.980e+04	-2.103e+04	3.06e-04	-480.00	0.0	-179.60	145.98	-46.89	-3466.61	-2.103e+04	-2.852e+04
		-3.029e+04	-2.852e+04	0.01	0.0	160.0	-179.60	-334.02	-46.89	-3466.61	-2.852e+04	-3.029e+04
66	322	-2.571e+04	-3552.07	4.38e-04	-480.00	0.0	-197.27	49.58	-78.79	-5501.13	-3552.07	-2.571e+04
		-4.654e+04	-1.616e+04	4.13e-03	0.0	160.0	-197.27	-430.42	-78.79	-5501.13	-1.616e+04	-4.654e+04
66	324	-9642.81	-2.908e+04	2.42e-04	-480.00	0.0	-722.48	437.47	19.16	1108.87	-3.214e+04	-3.900e+04
		-3.900e+04	-3.214e+04	0.01	0.0	160.0	-722.48	-42.53	19.16	1108.87	-2.908e+04	-3.900e+04
66	341	-1929.90	-2.548e+04	-1.33e-03	-480.00	0.0	-488.19	522.92	67.60	3802.91	-3.639e+04	-4.574e+04
		-4.574e+04	-3.639e+04	0.02	0.0	160.0	-488.19	42.92	67.60	3802.91	-2.548e+04	-1929.90
66	346	-1.511e+04	-2.705e+04	1.49e-03	-480.00	0.0	-988.44	351.47	-33.24	-1443.33	-2.705e+04	-3.317e+04
		-3.317e+04	-3.239e+04	0.01	0.0	160.0	-988.44	-128.53	-33.24	-1443.33	-3.239e+04	-3.317e+04
66	347	-1596.48	-2.576e+04	-1.33e-03	-480.00	0.0	-456.52	523.47	71.56	3661.08	-3.723e+04	-4.484e+04
		-4.484e+04	-3.723e+04	0.02	0.0	160.0	-456.52	43.47	71.56	3661.08	-2.576e+04	-1596.48
66	373	-7203.69	-2.808e+04	-5.51e-04	-480.00	0.0	-652.78	464.35	32.81	1382.19	-3.335e+04	-4.065e+04
		-4.065e+04	-3.335e+04	0.01	0.0	160.0	-652.78	-15.65	32.81	1382.19	-2.808e+04	-7203.69
66	379	-7018.60	-2.822e+04	-5.52e-04	-480.00	0.0	-636.66	464.62	34.79	1309.66	-3.377e+04	-4.020e+04
		-4.020e+04	-3.377e+04	0.01	0.0	160.0	-636.66	-15.38	34.79	1309.66	-2.822e+04	-7018.60
66	386	-1.089e+04	-2.946e+04	5.49e-04	-480.00	0.0	-808.71	424.76	10.68	819.55	-3.118e+04	-3.794e+04
		-3.794e+04	-3.118e+04	0.01	0.0	160.0	-808.71	-55.24	10.68	819.55	-2.946e+04	-1.089e+04
66	387	-8363.81	-2.869e+04	-3.83e-04	-480.00	0.0	-636.25	450.18	27.64	1398.20	-3.311e+04	-4.007e+04
		-4.007e+04	-3.311e+04	0.01	0.0	160.0	-636.25	-29.82	27.64	1398.20	-2.869e+04	-8363.81
67	126	8.796e+05	2465.65	-0.04	-612.50	0.0	4.611e+04	2555.75	184.32	1.846e+04	-1.635e+04	7.356e+05
		7.356e+05	-1.635e+04	4.25e-04	0.0	102.1	4.611e+04	1943.25	184.32	1.846e+04	2465.65	8.796e+05

67	161	1.230e+06	6119.37	-0.05	-826.88	0.0	6.541e+04	3649.22	545.59	3.609e+04	-3.652e+04	1.020e+06
		1.020e+06	-3.652e+04	4.11e-04	-255.72	102.1	6.541e+04	2822.35	289.87	3.609e+04	6119.37	1.230e+06
67	187	4.012e+06	1899.71	-0.16	-826.88	0.0	1.684e+05	1.510e+04	792.06	4.630e+04	-7.113e+04	3.047e+06
		3.047e+06	-7.113e+04	2.39e-03	-153.43	102.1	1.684e+05	1.427e+04	638.63	4.630e+04	1899.71	4.012e+06
67	206	8.608e+05	3388.79	-0.04	-612.50	0.0	4.678e+04	2547.28	187.43	1.880e+04	-1.574e+04	7.160e+05
		7.160e+05	-1.574e+04	2.16e-04	0.0	102.1	4.678e+04	1934.78	187.43	1.880e+04	3388.79	8.608e+05
67	231	8.164e+05	4052.57	-0.03	-612.50	0.0	4.995e+04	2655.33	255.52	2.331e+04	-2.203e+04	6.622e+05
		6.622e+05	-2.203e+04	2.40e-04	0.0	102.1	4.995e+04	2042.83	255.52	2.331e+04	4052.57	8.164e+05
67	269	9.025e+05	3643.43	-0.04	-612.50	0.0	4.787e+04	2675.53	244.06	2.234e+04	-2.127e+04	7.492e+05
		7.492e+05	-2.127e+04	3.57e-04	0.0	102.1	4.787e+04	2063.03	244.06	2.234e+04	3643.43	9.025e+05
67	287	9.058e+05	4420.83	-0.04	-612.50	0.0	4.828e+04	2687.52	382.49	2.594e+04	-2.592e+04	7.514e+05
		7.514e+05	-2.592e+04	2.95e-04	-170.48	102.1	4.828e+04	2075.02	212.01	2.594e+04	4420.83	9.058e+05
67	300	2.750e+06	3880.15	-0.11	-612.50	0.0	1.128e+05	1.063e+04	497.76	4.195e+04	-4.171e+04	2.070e+06
		2.070e+06	-4.171e+04	1.56e-03	-102.29	102.1	1.128e+05	1.002e+04	395.48	4.195e+04	3880.15	2.750e+06
67	309	8.899e+05	4256.50	-0.04	-612.50	0.0	4.831e+04	2669.91	246.12	2.257e+04	-2.087e+04	7.361e+05
		7.361e+05	-2.087e+04	2.50e-04	0.0	102.1	4.831e+04	2057.41	246.12	2.257e+04	4256.50	8.899e+05
67	313	2.275e+06	4060.20	-0.09	-612.50	0.0	9.676e+04	8632.32	374.51	3.562e+04	-3.417e+04	1.727e+06
		1.727e+06	-3.417e+04	1.11e-03	0.0	102.1	9.676e+04	8019.82	374.51	3.562e+04	4060.20	2.275e+06
67	316	8.267e+05	4503.31	-0.03	-612.50	0.0	4.972e+04	2655.36	255.73	2.321e+04	-2.160e+04	6.723e+05
		6.723e+05	-2.160e+04	1.90e-04	0.0	102.1	4.972e+04	2042.86	255.73	2.321e+04	4503.31	8.267e+05
67	324	8.899e+05	4256.50	-0.04	-612.50	0.0	4.831e+04	2669.91	246.12	2.257e+04	-2.087e+04	7.361e+05
		7.361e+05	-2.087e+04	2.50e-04	0.0	102.1	4.831e+04	2057.41	246.12	2.257e+04	4256.50	8.899e+05
67	326	5.853e+05	6334.39	-0.02	-612.50	0.0	6.380e+04	3290.45	319.38	1.435e+04	-2.669e+04	4.783e+05
		4.783e+05	-2.669e+04	3.60e-04	0.0	102.1	6.380e+04	2677.95	319.38	1.435e+04	6334.39	5.853e+05
67	327	1.195e+06	2178.62	-0.05	-612.50	0.0	3.281e+04	2049.37	172.87	3.079e+04	-1.504e+04	9.940e+05
		9.940e+05	-1.504e+04	1.45e-04	0.0	102.1	3.281e+04	1436.87	172.87	3.079e+04	2178.62	1.195e+06
67	330	5.856e+05	5884.25	-0.02	-612.50	0.0	6.401e+04	3300.23	317.01	1.407e+04	-2.675e+04	4.787e+05
		4.787e+05	-2.675e+04	4.66e-04	0.0	102.1	6.401e+04	2687.73	317.01	1.407e+04	5884.25	5.856e+05
67	331	1.194e+06	2628.76	-0.05	-612.50	0.0	3.261e+04	2039.58	175.24	3.107e+04	-1.499e+04	9.836e+05
		9.836e+05	-1.499e+04	-2.28e-04	0.0	102.1	3.261e+04	1427.08	175.24	3.107e+04	2628.76	1.194e+06
67	353	8.096e+05	7456.87	-0.03	-612.50	0.0	5.133e+04	2654.36	291.40	2.369e+04	-2.144e+04	6.743e+05
		6.743e+05	-2.144e+04	-1.11e-03	0.0	102.1	5.133e+04	2041.86	291.40	2.369e+04	7456.87	8.096e+05
67	362	7.334e+05	5096.86	-0.03	-612.50	0.0	5.628e+04	2989.61	282.26	1.824e+04	-2.385e+04	6.037e+05
		6.037e+05	-2.385e+04	3.52e-04	0.0	102.1	5.628e+04	2377.11	282.26	1.824e+04	5096.86	7.334e+05
67	363	1.046e+06	3416.15	-0.04	-612.50	0.0	4.033e+04	2350.20	209.99	2.689e+04	-1.789e+04	8.686e+05
		8.686e+05	-1.789e+04	1.59e-04	0.0	102.1	4.033e+04	1737.70	209.99	2.689e+04	3416.15	1.046e+06
67	385	8.485e+05	5851.91	-0.03	-612.50	0.0	4.987e+04	2664.33	268.86	2.310e+04	-2.118e+04	7.041e+05
		7.041e+05	-2.118e+04	-5.01e-04	0.0	102.1	4.987e+04	2051.83	268.86	2.310e+04	5851.91	8.485e+05
68	126	7.868e+05	1221.28	0.05	-552.50	0.0	4.411e+04	-3480.38	330.91	6404.21	-2.925e+04	7.868e+05
		5.706e+05	-2.925e+04	-4.57e-04	0.0	92.1	4.411e+04	-4032.88	330.91	6404.21	1221.28	5.706e+05
68	161	1.093e+06	4214.98	0.07	-745.88	0.0	6.256e+04	-4845.76	735.06	1.109e+04	-5.285e+04	1.093e+06
		7.933e+05	-5.285e+04	-6.18e-04	-230.67	92.1	6.256e+04	-5591.63	504.39	1.109e+04	4214.98	7.933e+05
68	187	3.313e+06	-6272.28	0.22	-745.88	0.0	1.573e+05	-1.776e+04	1634.09	1.050e+05	-1.504e+05	3.313e+06
		2.257e+06	-1.504e+05	-2.83e-03	-138.40	92.1	1.573e+05	-1.851e+04	1495.68	1.050e+05	-6272.28	2.257e+06
68	206	7.683e+05	2004.30	0.05	-552.50	0.0	4.471e+04	-3487.75	327.86	5634.14	-2.819e+04	7.683e+05
		5.500e+05	-2.819e+04	-3.43e-04	0.0	92.1	4.471e+04	-4040.25	327.86	5634.14	2004.30	5.500e+05
68	231	7.251e+05	3348.71	0.05	-552.50	0.0	4.746e+04	-3541.54	397.07	6139.23	-3.321e+04	7.251e+05
		5.074e+05	-3.321e+04	-3.62e-04	0.0	92.1	4.746e+04	-4094.04	397.07	6139.23	3348.71	5.074e+05
68	243	7.253e+05	2342.89	0.05	-552.50	0.0	4.792e+04	-3553.81	404.72	7699.56	-3.493e+04	7.253e+05
		5.049e+05	-3.493e+04	-4.93e-04	0.0	92.1	4.792e+04	-4106.31	404.72	7699.56	2342.89	5.049e+05
68	269	8.026e+05	2265.33	0.05	-552.50	0.0	4.578e+04	-3551.79	392.54	6959.59	-3.388e+04	8.026e+05
		5.829e+05	-3.388e+04	-4.73e-04	0.0	92.1	4.578e+04	-4104.29	392.54	6959.59	2265.33	5.829e+05
68	300	2.256e+06	-2668.91	0.15	-552.50	0.0	1.053e+05	-1.213e+04	993.64	4.549e+04	-8.992e+04	2.256e+06
		1.533e+06	-8.992e+04	-1.69e-03	-92.27	92.1	1.053e+05	-1.269e+04	901.37	4.549e+04	-2668.91	1.533e+06
68	309	7.903e+05	2785.35	0.05	-552.50	0.0	4.619e+04	-3556.72	390.52	6447.70	-3.317e+04	7.903e+05
		5.692e+05	-3.317e+04	-3.97e-04	0.0	92.1	4.619e+04	-4109.22	390.52	6447.70	2785.35	5.692e+05
68	313	1.879e+06	-1269.26	0.13	-552.50	0.0	9.059e+04	-9976.47	783.46	3.499e+04	-7.341e+04	1.879e+06
		1.282e+06	-7.341e+04	-1.33e-03	0.0	92.1	9.059e+04	-1.053e+04	783.46	3.499e+04	-1269.26	1.282e+06
68	316	7.334e+05	3553.60	0.05	-552.50	0.0	4.730e+04	-3539.66	395.78	6081.61	-3.289e+04	7.334e+05
		5.146e+05	-3.289e+04	-3.29e-04	0.0	92.1	4.730e+04	-4092.16	395.78	6081.61	3553.60	5.146e+05
68	319	7.335e+05	2799.24	0.05	-552.50	0.0	4.764e+04	-3548.86	401.52	7251.86	-3.417e+04	7.335e+05
		5.126e+05	-3.417e+04	-4.27e-04	0.0	92.1	4.764e+04	-4101.36	401.52	7251.86	2799.24	5.126e+05
68	324	7.903e+05	2785.35	0.05	-552.50	0.0	4.619e+04	-3556.72	390.52	6447.70	-3.317e+04	7.903e+05
		5.692e+05	-3.317e+04	-3.97e-04	0.0	92.1	4.619e+04	-4109.22	390.52	6447.70	2785.35	5.692e+05
68	330	5.179e+05	4157.68	0.03	-552.50	0.0	6.012e+04	-2786.02	476.65	9005.12	-3.976e+04	5.179e+05
		3.639e+05	-3.976e+04	-4.49e-04	0.0	92.1	6.012e+04	-3338.52	476.65	9005.12	4157.68	3.639e+05
68	331	1.063e+06	1413.03	0.07	-552.50	0.0	3.225e+04	-4327.43	304.38	3890.29	-2.659e+04	1.063e+06
		7.745e+05	-2.659e+04	-3.46e-04	0.0	92.1	3.225e+04	-4879.93	304.38	3890.29	1413.03	7.745e+05
68	337	5.283e+05	5264.64	0.03	-552.50	0.0	5.854e+04	-2713.41	462.13	7071.72	-3.731e+04	5.283e+05
		3.701e+05	-3.731e+04	-2.74e-04	0.0	92.1	5.854e+04	-3265.91	462.13	7071.72	5264.64	3.701e+05
68	358	6.502e+05	3467.25	0.04	-552.50	0.0	5.307e+04	-3156.26	433.18	7617.25	-3.643e+04	6.502e+05
		4.626e+05	-3.643e+04	-4.13e-04	0.0	92.1	5.307e+04	-3708.76	433.18	7617.25	3467.25	4.626e+05
68	359	9.305e+05	2103.45	0.06	-552.50	0.0	3.930e+04	-3957.18	347.86	5278.15	-2.992e+04	9.305e+05
		6.758e+05	-2.992e+04	-3.82e-04	0.0	92.1	3.930e+04	-4509.68	347.86	5278.15	2103.45	6.758e+05
68	362	6.503e+05	3492.13	0.04	-552.50	0.0	5.326e+04	-3162.86	434.16	7727.30	-3.650e+04	6.503e+05
		4.635e+05	-3.650e+04	-4.20e-04	0.0	92.1	5.326e+04	-3715.36	434.16	7727.30	3492.13	4.635e+05
68	363	9.304e+05	2078.57	0.06	-552.50	0.0	3.911e+04	-3950.59	346.88	5168.11	-2.985e+04	9.304e+05

		6.749e+05	-2.985e+04	-3.75e-04	0.0	92.1	3.911e+04	-4503.09	346.88	5168.11	2078.57	6.749e+05
68	377	7.574e+05	4066.25	0.05	-552.50	0.0	4.762e+04	-3390.58	393.85	5482.70	-3.223e+04	7.574e+05
		5.459e+05	-3.223e+04	-2.30e-04	0.0	92.1	4.762e+04	-3943.08	393.85	5482.70	4066.25	5.459e+05
69	49	4.002e+06	426.19	-0.16	-826.88	0.0	1.691e+05	1.508e+04	683.03	4.355e+04	-6.930e+04	3.037e+06
		3.037e+06	-6.930e+04	2.48e-03	0.0	102.1	1.691e+05	1.425e+04	683.03	4.355e+04	426.19	4.002e+06
69	124	8.605e+05	2276.86	-0.04	-612.50	0.0	4.663e+04	2549.69	191.31	1.823e+04	-1.725e+04	7.163e+05
		7.163e+05	-1.725e+04	3.53e-04	0.0	102.1	4.663e+04	1937.19	191.31	1.823e+04	2276.86	8.605e+05
69	140	8.492e+05	2428.77	-0.03	-612.50	0.0	4.702e+04	2549.44	189.91	1.828e+04	-1.696e+04	7.051e+05
		7.051e+05	-1.696e+04	3.36e-04	0.0	102.1	4.702e+04	1936.94	189.91	1.828e+04	2428.77	8.492e+05
69	181	1.210e+06	6110.73	-0.05	-826.88	0.0	6.604e+04	3641.86	549.48	3.592e+04	-3.693e+04	1.001e+06
		1.001e+06	-3.693e+04	3.86e-04	-255.72	102.1	6.604e+04	2814.98	293.76	3.592e+04	6110.73	1.210e+06
69	231	2.743e+06	2812.34	-0.11	-612.50	0.0	1.134e+05	1.062e+04	426.57	4.007e+04	-4.073e+04	2.063e+06
		2.063e+06	-4.073e+04	1.58e-03	0.0	102.1	1.134e+05	1.000e+04	426.57	4.007e+04	2812.34	2.743e+06
69	268	8.902e+05	3517.94	-0.04	-612.50	0.0	4.823e+04	2669.84	248.95	2.217e+04	-2.190e+04	7.369e+05
		7.369e+05	-2.190e+04	3.31e-04	0.0	102.1	4.823e+04	2057.34	248.95	2.217e+04	3517.94	8.902e+05
69	281	8.135e+05	4159.07	-0.03	-612.50	0.0	4.982e+04	2673.31	247.78	2.167e+04	-2.114e+04	6.615e+05
		6.615e+05	-2.114e+04	2.76e-04	0.0	102.1	4.982e+04	2060.81	247.78	2.167e+04	4159.07	8.135e+05
69	302	8.411e+05	4820.29	-0.03	-612.50	0.0	4.971e+04	2684.92	384.95	2.543e+04	-2.577e+04	6.878e+05
		6.878e+05	-2.577e+04	2.48e-04	-170.48	102.1	4.971e+04	2072.42	214.47	2.543e+04	4820.29	8.411e+05
69	313	8.324e+05	4692.50	-0.03	-612.50	0.0	4.952e+04	2668.27	246.92	2.209e+04	-2.051e+04	6.799e+05
		6.799e+05	-2.051e+04	2.19e-04	0.0	102.1	4.952e+04	2055.77	246.92	2.209e+04	4692.50	8.324e+05
69	316	2.278e+06	3614.90	-0.09	-612.50	0.0	9.711e+04	8626.35	382.60	3.579e+04	-3.544e+04	1.729e+06
		1.729e+06	-3.544e+04	1.14e-03	0.0	102.1	9.711e+04	8013.85	382.60	3.579e+04	3614.90	2.278e+06
69	318	8.736e+05	4309.22	-0.04	-612.50	0.0	4.829e+04	2626.44	248.94	2.277e+04	-2.110e+04	7.223e+05
		7.223e+05	-2.110e+04	2.28e-04	0.0	102.1	4.829e+04	2013.94	248.94	2.277e+04	4309.22	8.736e+05
69	324	8.912e+05	4256.69	-0.04	-612.50	0.0	4.837e+04	2665.36	246.74	2.253e+04	-2.093e+04	7.377e+05
		7.377e+05	-2.093e+04	2.50e-04	0.0	102.1	4.837e+04	2052.86	246.74	2.253e+04	4256.69	8.912e+05
69	330	7.336e+05	4207.49	-0.03	-612.50	0.0	5.796e+04	3013.88	288.29	1.778e+04	-2.527e+04	6.033e+05
		6.033e+05	-2.527e+04	4.55e-04	0.0	102.1	5.796e+04	2401.38	288.29	1.778e+04	4207.49	7.336e+05
69	331	1.049e+06	4305.89	-0.04	-612.50	0.0	3.878e+04	2316.84	205.19	2.727e+04	-1.660e+04	8.720e+05
		8.720e+05	-1.660e+04	-2.06e-04	0.0	102.1	3.878e+04	1704.34	205.19	2.727e+04	4305.89	1.049e+06
69	339	1.049e+06	4237.61	-0.04	-612.50	0.0	3.890e+04	2321.54	204.52	2.725e+04	-1.660e+04	8.719e+05
		8.719e+05	-1.660e+04	-2.26e-04	0.0	102.1	3.890e+04	1709.04	204.52	2.725e+04	4237.61	1.049e+06
69	350	8.247e+05	228.76	-0.03	-612.50	0.0	5.426e+04	2847.09	251.84	1.923e+04	-2.557e+04	6.742e+05
		6.742e+05	-2.557e+04	1.15e-03	0.0	102.1	5.426e+04	2234.59	251.84	1.923e+04	228.76	8.247e+05
69	353	8.670e+05	9069.39	-0.03	-612.50	0.0	4.760e+04	2676.07	268.22	2.335e+04	-1.823e+04	7.251e+05
		7.251e+05	-1.823e+04	-9.70e-04	0.0	102.1	4.760e+04	2063.57	268.22	2.335e+04	9069.39	8.670e+05
69	362	8.102e+05	4246.63	-0.03	-612.50	0.0	5.322e+04	2841.78	267.81	2.012e+04	-2.311e+04	6.686e+05
		6.686e+05	-2.311e+04	3.47e-04	0.0	102.1	5.322e+04	2229.28	267.81	2.012e+04	4246.63	8.102e+05
69	363	9.722e+05	4266.74	-0.04	-612.50	0.0	4.352e+04	2488.94	225.67	2.494e+04	-1.875e+04	8.067e+05
		8.067e+05	-1.875e+04	1.64e-04	0.0	102.1	4.352e+04	1876.44	225.67	2.494e+04	4266.74	9.722e+05
69	371	9.722e+05	4233.03	-0.04	-612.50	0.0	4.358e+04	2491.26	225.34	2.492e+04	-1.875e+04	8.067e+05
		8.067e+05	-1.875e+04	1.60e-04	0.0	102.1	4.358e+04	1878.76	225.34	2.492e+04	4233.03	9.722e+05
69	382	8.573e+05	2259.22	-0.04	-612.50	0.0	5.132e+04	2756.50	249.40	2.087e+04	-2.325e+04	7.054e+05
		7.054e+05	-2.325e+04	6.19e-04	0.0	102.1	5.132e+04	2144.00	249.40	2.087e+04	2259.22	8.573e+05
69	385	8.785e+05	6652.74	-0.04	-612.50	0.0	4.801e+04	2671.82	257.55	2.293e+04	-1.960e+04	7.308e+05
		7.308e+05	-1.960e+04	-4.35e-04	0.0	102.1	4.801e+04	2059.32	257.55	2.293e+04	6652.74	8.785e+05
70	49	7.927e+05	1.064e+05	-0.32	-745.88	0.0	3.218e+04	2.614e+04	-885.39	-7.047e+04	1.064e+05	-1.136e+06
		-1.136e+06	2.485e+04	1.69e-03	0.0	92.1	3.218e+04	2.539e+04	-885.39	-7.047e+04	2.485e+04	7.927e+05
70	50	7.330e+05	1.148e+05	-0.30	-552.50	0.0	2.671e+04	2.274e+04	-1022.86	-8.362e+04	1.148e+05	-9.244e+05
		-9.244e+05	2.060e+04	1.85e-03	0.0	92.1	2.671e+04	2.218e+04	-1022.86	-8.362e+04	2.060e+04	7.330e+05
70	126	1.623e+05	8181.51	-0.07	-552.50	0.0	1.274e+04	8323.15	100.35	1.677e+04	-1059.24	-4.852e+05
		-4.852e+05	-1059.24	8.45e-05	0.0	92.1	1.274e+04	7770.65	100.35	1.677e+04	8181.51	1.623e+05
70	161	2.168e+05	1.335e+04	-0.10	-745.88	0.0	1.864e+04	1.183e+04	461.48	3.660e+04	-1.853e+04	-7.152e+05
		-7.152e+05	-1.853e+04	-3.34e-04	-230.67	92.1	1.864e+04	1.108e+04	230.81	3.660e+04	1.335e+04	2.168e+05
70	227	4.972e+05	1.690e+04	-0.11	-552.50	0.0	1.566e+04	1.583e+04	528.61	3.272e+04	-3.177e+04	-6.638e+05
		-6.638e+05	-3.177e+04	3.82e-04	0.0	92.1	1.566e+04	1.528e+04	528.61	3.272e+04	1.690e+04	4.972e+05
70	231	5.471e+05	3.928e+04	-0.22	-552.50	0.0	2.030e+04	1.742e+04	-268.77	-2.097e+04	3.928e+04	-7.176e+05
		-7.176e+05	1.453e+04	1.20e-03	0.0	92.1	2.030e+04	1.687e+04	-268.77	-2.097e+04	1.453e+04	5.471e+05
70	263	1.570e+05	1.717e+04	-0.09	-552.50	0.0	1.991e+04	1.118e+04	-38.32	1.135e+04	1.717e+04	-7.641e+05
		-7.641e+05	1.364e+04	-5.44e-04	0.0	92.1	1.991e+04	1.063e+04	-38.32	1.135e+04	1.364e+04	1.570e+05
70	269	1.622e+05	9161.21	-0.08	-552.50	0.0	1.351e+04	8653.28	168.23	2.165e+04	-6329.57	-5.167e+05
		-5.167e+05	-6329.57	-1.10e-04	0.0	92.1	1.351e+04	8100.78	168.23	2.165e+04	9161.21	1.622e+05
70	270	1.345e+05	4.386e+04	-0.09	-552.50	0.0	1.981e+04	1.065e+04	-319.00	-1.174e+04	4.386e+04	-7.552e+05
		-7.552e+05	1.448e+04	-7.39e-04	0.0	92.1	1.981e+04	1.010e+04	-319.00	-1.174e+04	1.448e+04	1.345e+05
70	310	1.528e+05	9332.93	-0.08	-552.50	0.0	1.394e+04	8681.59	159.35	2.177e+04	-5340.70	-5.347e+05
		-5.347e+05	-5340.70	-1.86e-04	0.0	92.1	1.394e+04	8129.09	159.35	2.177e+04	9332.93	1.528e+05
70	315	4.025e+05	1.532e+04	-0.10	-552.50	0.0	1.562e+04	1.405e+04	435.72	2.987e+04	-2.481e+04	-6.479e+05
		-6.479e+05	-2.481e+04	1.13e-04	0.0	92.1	1.562e+04	1.350e+04	435.72	2.987e+04	1.532e+04	4.025e+05
70	316	4.400e+05	2.848e+04	-0.18	-552.50	0.0	1.910e+04	1.524e+04	-162.31	-1.040e+04	2.848e+04	-6.882e+05
		-6.882e+05	1.353e+04	5.85e-04	0.0	92.1	1.910e+04	1.469e+04	-162.31	-1.040e+04	1.353e+04	4.400e+05
70	324	1.492e+05	9527.18	-0.08	-552.50	0.0	1.412e+04	8682.06	165.65	2.178e+04	-5726.34	-5.424e+05
		-5.424e+05	-5726.34	-4.24e-04	0.0	92.1	1.412e+04	8129.56	165.65	2.178e+04	9527.18	1.492e+05
70	327	2.380e+05	5937.18	-0.09	-552.50	0.0	1.051e+04	9203.83	253.53	2.567e+04	-1.677e+04	-4.255e+05
		-4.255e+05	-1.677e+04	-5.41e-04	0.0	92.1	1.051e+04	8651.33	253.53	2.567e+04	5937.18	2.380e+05
70	329	3.438e+04	1.399e+04	-0.06	-552.50	0.0	1.798e+04	7972.02	112.37	2.006e+04	2953.90	-6.708e+05
		-6.708e+05	2953.90	-1.43e-03	0.0	92.1	1.798e+04	7419.52	112.37	2.006e+04	1.399e+04	3.438e+04

70	332	2.640e+05	5063.60	-0.09	-552.50	0.0	1.027e+04	9392.10	218.92	2.350e+04	-1.441e+04	-4.141e+05
		-4.141e+05	-1.441e+04	5.83e-04	0.0	92.1	1.027e+04	8839.60	218.92	2.350e+04	5063.60	2.640e+05
70	333	3.496e+04	1.412e+04	-0.06	-552.50	0.0	1.790e+04	7949.11	122.60	2.057e+04	2079.25	-6.672e+05
		-6.672e+05	2079.25	-1.76e-03	0.0	92.1	1.790e+04	7396.61	122.60	2.057e+04	1.412e+04	3.496e+04
70	359	1.943e+05	7706.02	-0.08	-552.50	0.0	1.231e+04	8949.31	210.09	2.379e+04	-1.130e+04	-4.837e+05
		-4.837e+05	-1.130e+04	-4.20e-04	0.0	92.1	1.231e+04	8396.81	210.09	2.379e+04	7706.02	1.943e+05
70	361	9.143e+04	1.176e+04	-0.07	-552.50	0.0	1.606e+04	8320.83	138.56	2.089e+04	-1356.70	-6.067e+05
		-6.067e+05	-1356.70	-9.26e-04	0.0	92.1	1.606e+04	7768.33	138.56	2.089e+04	1.176e+04	9.143e+04
70	364	2.069e+05	7295.56	-0.08	-552.50	0.0	1.219e+04	9043.29	192.74	2.266e+04	-1.010e+04	-4.782e+05
		-4.782e+05	-1.010e+04	7.85e-05	0.0	92.1	1.219e+04	8490.79	192.74	2.266e+04	7295.56	2.069e+05
70	365	9.196e+04	1.180e+04	-0.07	-552.50	0.0	1.601e+04	8308.81	143.78	2.118e+04	-1826.59	-6.047e+05
		-6.047e+05	-1826.59	-1.03e-03	0.0	92.1	1.601e+04	7756.31	143.78	2.118e+04	1.180e+04	9.196e+04
73	36	-2.760e+06	8.241e+04	2.78e-03	0.0	0.0	3.450e+04	-3.034e+04	2060.34	-1.648e+05	0.0	-2.760e+06
		-3.973e+06	0.0	-7.06e-05	0.0	40.0	3.450e+04	-3.034e+04	2060.34	-1.648e+05	8.241e+04	-3.973e+06
73	73	-5.802e+06	0.0	-1.70e-03	0.0	0.0	7.252e+04	-1.864e+04	-2669.46	2.136e+05	0.0	-5.802e+06
		-6.548e+06	-1.068e+05	-3.86e-05	0.0	40.0	7.252e+04	-1.864e+04	-2669.46	2.136e+05	-1.068e+05	-6.548e+06
73	126	-2.406e+06	0.0	5.22e-04	0.0	0.0	3.008e+04	-1.147e+04	-57.47	4597.83	0.0	-2.406e+06
		-2.865e+06	-2298.92	2.74e-05	0.0	40.0	3.008e+04	-1.147e+04	-57.47	4597.83	-2298.92	-2.865e+06
73	187	-5.615e+06	0.0	9.39e-03	0.0	0.0	7.018e+04	-3.218e+04	-2381.74	1.905e+05	0.0	-5.615e+06
		-6.902e+06	-9.527e+04	-3.82e-04	0.0	40.0	7.018e+04	-3.218e+04	-2381.74	1.905e+05	-9.527e+04	-6.902e+06
73	223	-2.588e+06	7.749e+04	2.62e-03	0.0	0.0	3.235e+04	-2.980e+04	1937.37	-1.550e+05	0.0	-2.588e+06
		-3.780e+06	0.0	-7.90e-05	0.0	40.0	3.235e+04	-2.980e+04	1937.37	-1.550e+05	7.749e+04	-3.780e+06
73	225	-2.569e+06	5.504e+04	2.12e-03	0.0	0.0	3.211e+04	-2.537e+04	1375.94	-1.101e+05	0.0	-2.569e+06
		-3.584e+06	0.0	-5.53e-05	0.0	40.0	3.211e+04	-2.537e+04	1375.94	-1.101e+05	5.504e+04	-3.584e+06
73	265	-3.825e+06	0.0	5.26e-03	0.0	0.0	4.781e+04	-2.180e+04	-1071.60	8.573e+04	0.0	-3.825e+06
		-4.697e+06	-4.286e+04	-2.00e-04	0.0	40.0	4.781e+04	-2.180e+04	-1071.60	8.573e+04	-4.286e+04	-4.697e+06
73	289	-4.056e+06	0.0	-8.76e-04	0.0	0.0	5.070e+04	-1.385e+04	-1931.60	1.545e+05	0.0	-4.056e+06
		-4.610e+06	-7.726e+04	0.0	0.0	40.0	5.070e+04	-1.385e+04	-1931.60	1.545e+05	-7.726e+04	-4.610e+06
73	311	-3.616e+06	0.0	-8.51e-04	0.0	0.0	4.520e+04	-1.273e+04	-1846.69	1.477e+05	0.0	-3.616e+06
		-4.125e+06	-7.387e+04	-6.17e-06	0.0	40.0	4.520e+04	-1.273e+04	-1846.69	1.477e+05	-7.387e+04	-4.125e+06
73	313	-3.423e+06	0.0	5.00e-03	0.0	0.0	4.278e+04	-1.947e+04	-1474.14	1.179e+05	0.0	-3.423e+06
		-4.202e+06	-5.897e+04	-2.15e-04	0.0	40.0	4.278e+04	-1.947e+04	-1474.14	1.179e+05	-5.897e+04	-4.202e+06
73	314	-2.771e+06	2.852e+04	1.77e-03	0.0	0.0	3.464e+04	-2.536e+04	712.94	-5.704e+04	0.0	-2.771e+06
		-3.785e+06	0.0	-7.05e-05	0.0	40.0	3.464e+04	-2.536e+04	712.94	-5.704e+04	2.852e+04	-3.785e+06
73	324	-2.825e+06	0.0	3.83e-06	0.0	0.0	3.532e+04	-1.207e+04	-1105.61	8.845e+04	0.0	-2.825e+06
		-3.308e+06	-4.422e+04	0.0	0.0	40.0	3.532e+04	-1.207e+04	-1105.61	8.845e+04	-4.422e+04	-3.308e+06
73	329	-4.293e+06	0.0	-2.52e-03	0.0	0.0	5.366e+04	-9674.12	-2814.32	2.251e+05	0.0	-4.293e+06
		-4.824e+06	-1.126e+05	-8.15e-05	0.0	40.0	5.366e+04	-9674.12	-2814.32	2.251e+05	-1.126e+05	-4.824e+06
73	337	-4.293e+06	0.0	-1.78e-03	0.0	0.0	5.367e+04	-9700.88	-2705.62	2.164e+05	0.0	-4.293e+06
		-4.822e+06	-1.082e+05	-6.47e-05	0.0	40.0	5.367e+04	-9700.88	-2705.62	2.164e+05	-1.082e+05	-4.822e+06
73	340	-1.358e+06	1.978e+04	1.79e-03	0.0	0.0	1.697e+04	-1.444e+04	494.39	-3.955e+04	0.0	-1.358e+06
		-1.794e+06	0.0	6.51e-05	0.0	40.0	1.697e+04	-1.444e+04	494.39	-3.955e+04	1.978e+04	-1.794e+06
73	349	-3.624e+06	0.0	-7.52e-04	0.0	0.0	4.530e+04	-1.214e+04	-4390.58	3.512e+05	0.0	-3.624e+06
		-4.119e+06	-1.756e+05	-2.52e-04	0.0	40.0	4.530e+04	-1.214e+04	-4390.58	3.512e+05	-1.756e+05	-4.119e+06
73	352	-2.027e+06	8.717e+04	7.59e-04	0.0	0.0	2.533e+04	-1.200e+04	2179.36	-1.743e+05	0.0	-2.027e+06
		-2.497e+06	0.0	2.53e-04	0.0	40.0	2.533e+04	-1.200e+04	2179.36	-1.743e+05	8.717e+04	-2.497e+06
73	361	-3.560e+06	0.0	-1.28e-03	0.0	0.0	4.450e+04	-1.084e+04	-1957.00	1.566e+05	0.0	-3.560e+06
		-4.067e+06	-7.828e+04	-4.06e-05	0.0	40.0	4.450e+04	-1.084e+04	-1957.00	1.566e+05	-7.828e+04	-4.067e+06
73	369	-3.560e+06	0.0	-9.03e-04	0.0	0.0	4.450e+04	-1.085e+04	-1902.55	1.522e+05	0.0	-3.560e+06
		-4.066e+06	-7.610e+04	-3.20e-05	0.0	40.0	4.450e+04	-1.085e+04	-1902.55	1.522e+05	-7.610e+04	-4.066e+06
73	372	-2.091e+06	0.0	9.11e-04	0.0	0.0	2.613e+04	-1.329e+04	-308.67	2.469e+04	0.0	-2.091e+06
		-2.550e+06	-1.235e+04	3.24e-05	0.0	40.0	2.613e+04	-1.329e+04	-308.67	2.469e+04	-1.235e+04	-2.550e+06
73	381	-3.224e+06	0.0	-3.81e-04	0.0	0.0	4.030e+04	-1.209e+04	-2736.47	2.189e+05	0.0	-3.224e+06
		-3.713e+06	-1.095e+05	-1.26e-04	0.0	40.0	4.030e+04	-1.209e+04	-2736.47	2.189e+05	-1.095e+05	-3.713e+06
73	384	-2.427e+06	2.101e+04	3.89e-04	0.0	0.0	3.034e+04	-1.205e+04	525.25	-4.202e+04	0.0	-2.427e+06
		-2.903e+06	0.0	1.26e-04	0.0	40.0	3.034e+04	-1.205e+04	525.25	-4.202e+04	2.101e+04	-2.903e+06
74	44	-2.832e+06	7.732e+04	-1.32e-03	0.0	0.0	3.540e+04	3.033e+04	-1932.95	1.546e+05	7.732e+04	-4.045e+06
		-4.045e+06	0.0	1.20e-04	0.0	40.0	3.540e+04	3.033e+04	-1932.95	1.546e+05	0.0	-4.045e+06
74	49	-5.328e+06	0.0	-2.89e-03	0.0	0.0	6.661e+04	3.205e+04	1767.02	-1.414e+05	-7.068e+04	-6.610e+06
		-6.610e+06	-7.068e+04	4.46e-04	0.0	40.0	6.661e+04	3.205e+04	1767.02	-1.414e+05	0.0	-5.328e+06
74	73	-5.850e+06	0.0	-1.71e-03	0.0	0.0	7.312e+04	1.864e+04	3183.48	-2.547e+05	-1.273e+05	-6.596e+06
		-6.596e+06	-1.273e+05	-3.95e-05	0.0	40.0	7.312e+04	1.864e+04	3183.48	-2.547e+05	0.0	-5.850e+06
74	126	-2.387e+06	0.0	5.18e-04	0.0	0.0	2.984e+04	1.147e+04	157.87	-1.263e+04	-6314.99	-2.846e+06
		-2.846e+06	-6314.99	2.74e-05	0.0	40.0	2.984e+04	1.147e+04	157.87	-1.263e+04	0.0	-2.387e+06
74	227	-2.664e+06	7.332e+04	-1.44e-03	0.0	0.0	3.330e+04	2.979e+04	-1833.02	1.466e+05	7.332e+04	-3.856e+06
		-3.856e+06	0.0	1.10e-04	0.0	40.0	3.330e+04	2.979e+04	-1833.02	1.466e+05	0.0	-2.664e+06
74	269	-2.593e+06	0.0	3.45e-04	0.0	0.0	3.241e+04	1.205e+04	440.28	-3.522e+04	-1.761e+04	-3.075e+06
		-3.075e+06	-1.761e+04	1.82e-05	0.0	40.0	3.241e+04	1.205e+04	440.28	-3.522e+04	0.0	-2.593e+06
74	289	-4.086e+06	0.0	-8.83e-04	0.0	0.0	5.108e+04	1.384e+04	2005.49	-1.604e+05	-8.022e+04	-4.640e+06
		-4.640e+06	-8.022e+04	-1.35e-06	0.0	40.0	5.108e+04	1.384e+04	2005.49	-1.604e+05	0.0	-4.086e+06
74	310	-2.770e+06	0.0	-1.00e-06	0.0	0.0	3.463e+04	1.207e+04	594.56	-4.756e+04	-2.378e+04	-3.253e+06
		-3.253e+06	-2.378e+04	1.45e-05	0.0	40.0	3.463e+04	1.207e+04	594.56	-4.756e+04	0.0	-2.770e+06
74	311	-3.645e+06	0.0	-8.57e-04	0.0	0.0	4.557e+04	1.273e+04	1854.87	-1.484e+05	-7.419e+04	-4.155e+06
		-4.155e+06	-7.419e+04	-6.76e-06	0.0	40.0	4.557e+04	1.273e+04	1854.87	-1.484e+05	0.0	-3.645e+06
74	315	-2.835e+06	2.682e+04	-1.27e-03	0.0	0.0	3.544e+04	2.536e+04	-670.48	5.364e+04	2.682e+04	-3.850e+06
		-3.850e+06	0.0	7.10e-05	0.0	40.0	3.544e+04	2.536e+04	-670.48	5.364e+04	0.0	-2.835e+06
74	319	-3.578e+06	0.0	-1.17e-03	0.0	0.0	4.472e+04	1.203e+04	1955.76	-1.565e+05	-7.823e+04	-4.059e+06

		-4.059e+06-7.823e+04	-2.71e-05	0.0	40.0	4.472e+04	1.203e+04	1955.76-1.565e+05	0.0-3.578e+06	
74	324	-2.825e+06	0.0	-1.07e-06	0.0	0.0	3.532e+04	1.207e+04	1105.35-8.843e+04-4.421e+04-3.308e+06	
		-3.308e+06-4.421e+04	0.0	0.0	40.0	3.532e+04	1.207e+04	1105.35-8.843e+04	0.0-2.825e+06	
74	329	-4.282e+06	0.0	-1.64e-03	0.0	0.0	5.352e+04	1.090e+04	2763.15-2.211e+05-1.105e+05-4.788e+06	
		-4.788e+06-1.105e+05	-3.66e-04	0.0	40.0	5.352e+04	1.090e+04	2763.15-2.211e+05	0.0-4.282e+06	
74	332	-1.369e+06	2.210e+04	1.64e-03	0.0	0.0	1.711e+04	1.325e+04	-552.45 4.420e+04 2.210e+04-1.828e+06	
		-1.828e+06	0.0	3.66e-04	0.0	40.0	1.711e+04	1.325e+04	-552.45 4.420e+04	0.0-1.369e+06
74	353	-3.602e+06	0.0	-7.09e-04	0.0	0.0	4.502e+04	1.243e+04	5770.42-4.616e+05-2.308e+05-4.073e+06	
		-4.073e+06-2.308e+05	-1.83e-04	0.0	40.0	4.502e+04	1.243e+04	5770.42-4.616e+05	0.0-3.602e+06	
74	356	-2.049e+06	1.424e+05	7.07e-04	0.0	0.0	2.561e+04	1.172e+04	-3559.73 2.848e+05 1.424e+05-2.544e+06	
		-2.544e+06	0.0	1.83e-04	0.0	40.0	2.561e+04	1.172e+04	-3559.73 2.848e+05	0.0-2.049e+06
74	361	-3.554e+06	0.0	-8.26e-04	0.0	0.0	4.443e+04	1.147e+04	1930.48-1.544e+05-7.722e+04-4.049e+06	
		-4.049e+06-7.722e+04	-1.82e-04	0.0	40.0	4.443e+04	1.147e+04	1930.48-1.544e+05	0.0-3.554e+06	
74	364	-2.096e+06	0.0	8.24e-04	0.0	0.0	2.620e+04	1.268e+04	280.21-2.242e+04-1.121e+04-2.568e+06	
		-2.568e+06-1.121e+04	1.82e-04	0.0	40.0	2.620e+04	1.268e+04	280.21-2.242e+04	0.0-2.096e+06	
74	385	-3.213e+06	0.0	-3.59e-04	0.0	0.0	4.016e+04	1.224e+04	3424.98-2.740e+05-1.370e+05-3.690e+06	
		-3.690e+06-1.370e+05	-9.13e-05	0.0	40.0	4.016e+04	1.224e+04	3424.98-2.740e+05	0.0-3.213e+06	
74	388	-2.438e+06	4.857e+04	3.57e-04	0.0	0.0	3.048e+04	1.191e+04	-1214.28 9.714e+04 4.857e+04-2.927e+06	
		-2.927e+06	0.0	9.10e-05	0.0	40.0	3.048e+04	1.191e+04	-1214.28 9.714e+04	0.0-2.438e+06
77	122	-2.534e+06	2.084e+04	3.94e-04	0.0	0.0	3.072e+04-1.103e+04	521.09-4.169e+04	0.0-2.534e+06	
		-2.975e+06	0.0	3.38e-05	0.0	40.0	3.167e+04-1.103e+04	521.09-4.169e+04	2.084e+04-2.975e+06	
77	126	-2.489e+06	6108.53	5.22e-04	0.0	0.0	3.112e+04-1.102e+04	152.71-1.222e+04	0.0-2.489e+06	
		-2.930e+06	0.0	2.69e-05	0.0	40.0	3.112e+04-1.102e+04	152.71-1.222e+04	6108.53-2.930e+06	
77	187	-6.457e+06	0.0	9.37e-03	0.0	0.0	8.072e+04-3.672e+04	-1875.14 1.500e+05	0.0-6.457e+06	
		-7.926e+06-7.501e+04	-3.83e-04	0.0	40.0	8.072e+04-3.672e+04	-1875.14 1.500e+05	-7.501e+04-7.926e+06		
77	197	-4.981e+06	0.0	3.57e-03	0.0	0.0	6.227e+04-5.156e+04	-7187.75 5.750e+05	0.0-4.981e+06	
		-7.044e+06-2.875e+05	-1.07e-04	0.0	40.0	6.227e+04-5.156e+04	-7187.75 5.750e+05	-2.875e+05-7.044e+06		
77	269	-2.655e+06	0.0	3.49e-04	0.0	0.0	3.318e+04-1.112e+04	-533.45 4.268e+04	0.0-2.655e+06	
		-3.100e+06-2.134e+04	1.79e-05	0.0	40.0	3.318e+04-1.112e+04	-533.45 4.268e+04	-2.134e+04-3.100e+06		
77	289	-4.378e+06	0.0	-8.75e-04	0.0	0.0	5.472e+04-1.526e+04	-1866.48 1.493e+05	0.0-4.378e+06	
		-4.988e+06-7.466e+04	0.0	0.0	40.0	5.472e+04-1.526e+04	-1866.48 1.493e+05	-7.466e+04-4.988e+06		
77	305	-2.694e+06	0.0	2.61e-03	0.0	0.0	3.368e+04-3.405e+04	-4948.96 3.959e+05	0.0-2.694e+06	
		-4.057e+06-1.980e+05	-7.05e-05	0.0	40.0	3.368e+04-3.405e+04	-4948.96 3.959e+05	-1.980e+05-4.057e+06		
77	307	-2.699e+06	0.0	2.02e-03	0.0	0.0	3.374e+04-2.827e+04	-4095.20 3.276e+05	0.0-2.699e+06	
		-3.830e+06-1.638e+05	-5.17e-05	0.0	40.0	3.374e+04-2.827e+04	-4095.20 3.276e+05	-1.638e+05-3.830e+06		
77	310	-2.807e+06	0.0	3.78e-06	0.0	0.0	3.509e+04-1.115e+04	-828.33 6.627e+04	0.0-2.807e+06	
		-3.253e+06-3.313e+04	1.46e-05	0.0	40.0	3.509e+04-1.115e+04	-828.33 6.627e+04	-3.313e+04-3.253e+06		
77	311	-3.731e+06	0.0	-8.50e-04	0.0	0.0	4.664e+04-1.282e+04	-2217.32 1.774e+05	0.0-3.731e+06	
		-4.244e+06-8.869e+04	-5.05e-06	0.0	40.0	4.664e+04-1.282e+04	-2217.32 1.774e+05	-8.869e+04-4.244e+06		
77	313	-3.639e+06	0.0	4.99e-03	0.0	0.0	4.549e+04-2.012e+04	-1735.37 1.388e+05	0.0-3.639e+06	
		-4.444e+06-6.941e+04	-2.15e-04	0.0	40.0	4.549e+04-2.012e+04	-1735.37 1.388e+05	-6.941e+04-4.444e+06		
77	314	-2.819e+06	0.0	1.77e-03	0.0	0.0	3.524e+04-2.837e+04	-4686.83 3.749e+05	0.0-2.819e+06	
		-3.954e+06-1.875e+05	-6.18e-05	0.0	40.0	3.524e+04-2.837e+04	-4686.83 3.749e+05	-1.875e+05-3.954e+06		
77	319	-3.519e+06	0.0	-1.16e-03	0.0	0.0	4.399e+04-1.118e+04	-2185.98 1.749e+05	0.0-3.519e+06	
		-3.967e+06-8.744e+04	-2.49e-05	0.0	40.0	4.399e+04-1.118e+04	-2185.98 1.749e+05	-8.744e+04-3.967e+06		
77	324	-2.825e+06	0.0	3.78e-06	0.0	0.0	3.531e+04-1.114e+04	-1682.21 1.346e+05	0.0-2.825e+06	
		-3.270e+06-6.729e+04	0.0	0.0	40.0	3.531e+04-1.114e+04	-1682.21 1.346e+05	-6.729e+04-3.270e+06		
77	329	-4.200e+06	0.0	-2.50e-03	0.0	0.0	5.250e+04-1.346e+04	-4495.94 3.597e+05	0.0-4.200e+06	
		-4.696e+06-1.798e+05	-8.15e-05	0.0	40.0	5.250e+04-1.346e+04	-4495.94 3.597e+05	-1.798e+05-4.696e+06		
77	337	-4.200e+06	0.0	-1.76e-03	0.0	0.0	5.250e+04-1.345e+04	-4350.47 3.480e+05	0.0-4.200e+06	
		-4.696e+06-1.740e+05	-6.47e-05	0.0	40.0	5.250e+04-1.345e+04	-4350.47 3.480e+05	-1.740e+05-4.696e+06		
77	340	-1.450e+06	3.944e+04	1.76e-03	0.0	0.0	1.812e+04 -8819.88	986.05-7.888e+04	0.0-1.450e+06	
		-1.845e+06	0.0	6.53e-05	0.0	40.0	1.812e+04 -8819.88	986.05-7.888e+04	3.944e+04-1.845e+06	
77	349	-3.333e+06	0.0	-7.47e-04	0.0	0.0	4.167e+04-1.157e+04	-7112.13 5.690e+05	0.0-3.333e+06	
		-3.795e+06-2.845e+05	-2.50e-04	0.0	40.0	4.167e+04-1.157e+04	-7112.13 5.690e+05	-2.845e+05-3.795e+06		
77	352	-2.317e+06	1.499e+05	7.55e-04	0.0	0.0	2.896e+04-1.070e+04	3747.71-2.998e+05	0.0-2.317e+06	
		-2.746e+06	0.0	2.51e-04	0.0	40.0	2.896e+04-1.070e+04	3747.71-2.998e+05	1.499e+05-2.746e+06	
77	361	-3.514e+06	0.0	-1.27e-03	0.0	0.0	4.392e+04-1.232e+04	-3085.71 2.469e+05	0.0-3.514e+06	
		-3.984e+06-1.234e+05	-4.06e-05	0.0	40.0	4.392e+04-1.232e+04	-3085.71 2.469e+05	-1.234e+05-3.984e+06		
77	369	-3.514e+06	0.0	-8.92e-04	0.0	0.0	4.392e+04-1.232e+04	-3012.77 2.410e+05	0.0-3.514e+06	
		-3.984e+06-1.205e+05	-3.20e-05	0.0	40.0	4.392e+04-1.232e+04	-3012.77 2.410e+05	-1.205e+05-3.984e+06		
77	372	-2.136e+06	0.0	8.99e-04	0.0	0.0	2.670e+04 -9951.45	-351.66 2.813e+04	0.0-2.136e+06	
		-2.556e+06-1.407e+04	3.25e-05	0.0	40.0	2.670e+04 -9951.45	-351.66 2.813e+04	-1.407e+04-2.556e+06		
77	381	-3.079e+06	0.0	-3.79e-04	0.0	0.0	3.849e+04-1.136e+04	-4377.86 3.502e+05	0.0-3.079e+06	
		-3.533e+06-1.751e+05	-1.25e-04	0.0	40.0	3.849e+04-1.136e+04	-4377.86 3.502e+05	-1.751e+05-3.533e+06		
77	384	-2.571e+06	4.054e+04	3.86e-04	0.0	0.0	3.213e+04-1.091e+04	1013.44-8.107e+04	0.0-2.571e+06	
		-3.008e+06	0.0	1.25e-04	0.0	40.0	3.213e+04-1.091e+04	1013.44-8.107e+04	4.054e+04-3.008e+06	
78	41	-5.071e+06	0.0	-1.89e-03	0.0	0.0	6.339e+04 5.167e+04	6927.73-5.542e+05	-2.771e+05-7.138e+06	
		-7.138e+06-2.771e+05	1.20e-04	0.0	40.0	6.339e+04 5.167e+04	6927.73-5.542e+05	0.0-5.071e+06		
78	49	-6.189e+06	0.0	-2.88e-03	0.0	0.0	7.736e+04 3.684e+04	540.23-4.322e+04	-2.161e+04-7.662e+06	
		-7.662e+06-2.161e+04	4.39e-04	0.0	40.0	7.736e+04 3.684e+04	540.23-4.322e+04	0.0-6.189e+06		
78	52	-3.981e+06	3.114e+04	-2.06e-03	0.0	0.0	4.976e+04 2.541e+04	-778.55 6.228e+04	3.114e+04-4.997e+06	
		-4.997e+06	0.0	3.46e-04	0.0	40.0	4.976e+04 2.541e+04	-778.55 6.228e+04	0.0-3.981e+06	
78	73	-6.304e+06	0.0	-1.71e-03	0.0	0.0	7.880e+04 2.070e+04	3342.11-2.674e+05	-1.337e+05-7.132e+06	
		-7.132e+06-1.337e+05	-3.71e-05	0.0	40.0	7.880e+04 2.070e+04	3342.11-2.674e+05	0.0-6.304e+06		
78	126	-2.466e+06	5590.72	5.17e-04	0.0	0.0	3.082e+04 1.104e+04	-139.77 1.118e+04	5590.72-2.907e+06	
		-2.907e+06	0.0	2.69e-05	0.0	40.0	3.082e+04 1.104e+04	-139.77 1.118e+04	0.0-2.466e+06	

78	227	-2.763e+06	0.0	-1.43e-03	0.0	0.0	3.453e+04	3.413e+04	4737.09	-3.790e+05	-1.895e+05	-4.128e+06
		-4.128e+06	-1.895e+05	9.74e-05	0.0	40.0	3.453e+04	3.413e+04	4737.09	-3.790e+05	0.0	-2.763e+06
78	232	-3.358e+06	4808.82	-1.56e-03	0.0	0.0	4.198e+04	2.014e+04	-120.22	9617.64	4808.82	-4.164e+06
		-4.164e+06	0.0	2.59e-04	0.0	40.0	4.198e+04	2.014e+04	-120.22	9617.64	0.0	-3.358e+06
78	269	-2.639e+06	0.0	3.44e-04	0.0	0.0	3.299e+04	1.114e+04	542.31	-4.338e+04	-2.169e+04	-3.084e+06
		-3.084e+06	-2.169e+04	1.78e-05	0.0	40.0	3.299e+04	1.114e+04	542.31	-4.338e+04	0.0	-2.639e+06
78	289	-4.416e+06	0.0	-8.82e-04	0.0	0.0	5.520e+04	1.528e+04	1910.04	-1.528e+05	-7.640e+04	-5.027e+06
		-5.027e+06	-7.640e+04	0.0	0.0	40.0	5.520e+04	1.528e+04	1910.04	-1.528e+05	0.0	-4.416e+06
78	310	-2.807e+06	0.0	0.0	0.0	0.0	3.508e+04	1.115e+04	767.63	-6.141e+04	-3.071e+04	-3.253e+06
		-3.253e+06	-3.071e+04	1.44e-05	0.0	40.0	3.508e+04	1.115e+04	767.63	-6.141e+04	0.0	-2.807e+06
78	311	-3.769e+06	0.0	-8.56e-04	0.0	0.0	4.711e+04	1.283e+04	2225.29	-1.780e+05	-8.901e+04	-4.282e+06
		-4.282e+06	-8.901e+04	-5.76e-06	0.0	40.0	4.711e+04	1.283e+04	2225.29	-1.780e+05	0.0	-3.769e+06
78	315	-2.882e+06	0.0	-1.26e-03	0.0	0.0	3.602e+04	2.838e+04	4693.73	-3.755e+05	-1.877e+05	-4.017e+06
		-4.017e+06	-1.877e+05	6.17e-05	0.0	40.0	3.602e+04	2.838e+04	4693.73	-3.755e+05	0.0	-2.882e+06
78	316	-3.503e+06	0.0	-1.82e-03	0.0	0.0	4.379e+04	2.014e+04	1145.11	-9.161e+04	-4.580e+04	-4.308e+06
		-4.308e+06	-4.580e+04	2.39e-04	0.0	40.0	4.379e+04	2.014e+04	1145.11	-9.161e+04	0.0	-3.503e+06
78	324	-2.825e+06	0.0	-1.01e-06	0.0	0.0	3.531e+04	1.114e+04	1682.06	-1.346e+05	-6.728e+04	-3.271e+06
		-3.271e+06	-6.728e+04	0.0	0.0	40.0	3.531e+04	1.114e+04	1682.06	-1.346e+05	0.0	-2.825e+06
78	329	-4.169e+06	0.0	-1.65e-03	0.0	0.0	5.211e+04	1.238e+04	4848.65	-3.879e+05	-1.939e+05	-4.645e+06
		-4.645e+06	-1.939e+05	-3.65e-04	0.0	40.0	5.211e+04	1.238e+04	4848.65	-3.879e+05	0.0	-4.169e+06
78	332	-1.481e+06	5.938e+04	1.65e-03	0.0	0.0	1.851e+04	9902.59	-1484.53	1.188e+05	5.938e+04	-1.897e+06
		-1.897e+06	0.0	3.65e-04	0.0	40.0	1.851e+04	9902.59	-1484.53	1.188e+05	0.0	-1.481e+06
78	353	-3.284e+06	0.0	-7.16e-04	0.0	0.0	4.105e+04	1.125e+04	9707.28	-7.766e+05	-3.883e+05	-3.729e+06
		-3.729e+06	-3.883e+05	-1.82e-04	0.0	40.0	4.105e+04	1.125e+04	9707.28	-7.766e+05	0.0	-3.284e+06
78	356	-2.366e+06	2.537e+05	7.14e-04	0.0	0.0	2.958e+04	1.104e+04	-6343.16	5.075e+05	2.537e+05	-2.813e+06
		-2.813e+06	0.0	1.81e-04	0.0	40.0	2.958e+04	1.104e+04	-6343.16	5.075e+05	0.0	-2.366e+06
78	361	-3.498e+06	0.0	-8.29e-04	0.0	0.0	4.373e+04	1.177e+04	3259.46	-2.608e+05	-1.304e+05	-3.959e+06
		-3.959e+06	-1.304e+05	-1.82e-04	0.0	40.0	4.373e+04	1.177e+04	3259.46	-2.608e+05	0.0	-3.498e+06
78	364	-2.152e+06	0.0	8.27e-04	0.0	0.0	2.690e+04	1.051e+04	104.66	-8373.16	-4186.58	-2.583e+06
		-2.583e+06	-4186.58	1.81e-04	0.0	40.0	2.690e+04	1.051e+04	104.66	-8373.16	0.0	-2.152e+06
78	385	-3.054e+06	0.0	-3.63e-04	0.0	0.0	3.818e+04	1.120e+04	5672.96	-4.538e+05	-2.269e+05	-3.500e+06
		-3.500e+06	-2.269e+05	-9.06e-05	0.0	40.0	3.818e+04	1.120e+04	5672.96	-4.538e+05	0.0	-3.054e+06
78	388	-2.595e+06	9.235e+04	3.60e-04	0.0	0.0	3.244e+04	1.109e+04	-2308.83	1.847e+05	9.235e+04	-3.041e+06
		-3.041e+06	0.0	9.01e-05	0.0	40.0	3.244e+04	1.109e+04	-2308.83	1.847e+05	0.0	-2.595e+06
81	33	-5.748e+06	4.357e+05	3.58e-03	0.0	0.0	7.185e+04	-6.043e+04	1.089e+04	-8.713e+05	4.357e+05	-8.165e+06
		-8.165e+06	0.0	-8.22e-05	0.0	40.0	7.185e+04	-6.043e+04	1.089e+04	-8.713e+05	0.0	-5.748e+06
81	122	-2.624e+06	1.382e+05	3.94e-04	0.0	0.0	3.280e+04	-1.093e+04	3454.90	-2.764e+05	1.382e+05	-3.061e+06
		-3.061e+06	0.0	3.21e-05	0.0	40.0	3.280e+04	-1.093e+04	3454.90	-2.764e+05	0.0	-2.624e+06
81	149	-7.542e+06	1.695e+05	9.38e-03	0.0	0.0	9.428e+04	-4.025e+04	4237.43	-3.390e+05	1.695e+05	-9.152e+06
		-9.152e+06	0.0	-3.83e-04	0.0	40.0	9.428e+04	-4.025e+04	4237.43	-3.390e+05	0.0	-7.542e+06
81	164	-2.544e+06	9.681e+04	5.22e-04	0.0	0.0	3.180e+04	-1.100e+04	2420.32	-1.936e+05	9.681e+04	-2.984e+06
		-2.984e+06	0.0	1.64e-05	0.0	40.0	3.180e+04	-1.100e+04	2420.32	-1.936e+05	0.0	-2.544e+06
81	223	-2.829e+06	2.791e+05	2.62e-03	0.0	0.0	3.536e+04	-3.862e+04	6977.64	-5.582e+05	2.791e+05	-4.374e+06
		-4.374e+06	0.0	-5.23e-05	0.0	40.0	3.536e+04	-3.862e+04	6977.64	-5.582e+05	0.0	-2.829e+06
81	270	-4.844e+06	1.647e+05	-8.75e-04	0.0	0.0	6.055e+04	-1.723e+04	4116.58	-3.293e+05	1.647e+05	-5.533e+06
		-5.533e+06	0.0	8.72e-06	0.0	40.0	6.055e+04	-1.723e+04	4116.58	-3.293e+05	0.0	-4.844e+06
81	288	-2.691e+06	8.965e+04	3.49e-04	0.0	0.0	3.364e+04	-1.111e+04	2241.21	-1.793e+05	8.965e+04	-3.135e+06
		-3.135e+06	0.0	1.08e-05	0.0	40.0	3.364e+04	-1.111e+04	2241.21	-1.793e+05	0.0	-2.691e+06
81	306	-2.804e+06	2.389e+05	2.03e-03	0.0	0.0	3.504e+04	-3.174e+04	5973.10	-4.778e+05	2.389e+05	-4.073e+06
		-4.073e+06	0.0	-3.38e-05	0.0	40.0	3.504e+04	-3.174e+04	5973.10	-4.778e+05	0.0	-2.804e+06
81	309	-2.825e+06	6.729e+04	3.78e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.21	-1.346e+05	6.729e+04	-3.270e+06
		-3.270e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.21	-1.346e+05	0.0	-2.825e+06
81	310	-2.843e+06	1.014e+05	3.78e-06	0.0	0.0	3.554e+04	-1.113e+04	2536.10	-2.029e+05	1.014e+05	-3.288e+06
		-3.288e+06	0.0	1.41e-05	0.0	40.0	3.554e+04	-1.113e+04	2536.10	-2.029e+05	0.0	-2.843e+06
81	311	-3.903e+06	9.738e+04	-8.50e-04	0.0	0.0	4.879e+04	-1.362e+04	2434.62	-1.948e+05	9.738e+04	-4.448e+06
		-4.448e+06	0.0	-2.53e-06	0.0	40.0	4.879e+04	-1.362e+04	2434.62	-1.948e+05	0.0	-3.903e+06
81	313	-3.889e+06	4.849e+04	4.99e-03	0.0	0.0	4.861e+04	-2.060e+04	1212.34	-9.699e+04	4.849e+04	-4.713e+06
		-4.713e+06	0.0	-2.19e-04	0.0	40.0	4.861e+04	-2.060e+04	1212.34	-9.699e+04	0.0	-3.889e+06
81	314	-2.895e+06	2.037e+05	1.77e-03	0.0	0.0	3.619e+04	-3.177e+04	5093.75	-4.075e+05	2.037e+05	-4.166e+06
		-4.166e+06	0.0	-4.98e-05	0.0	40.0	3.619e+04	-3.177e+04	5093.75	-4.075e+05	0.0	-2.895e+06
81	324	-2.825e+06	6.729e+04	3.78e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.21	-1.346e+05	6.729e+04	-3.270e+06
		-3.270e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.21	-1.346e+05	0.0	-2.825e+06
81	330	-4.200e+06	1.740e+05	-1.76e-03	0.0	0.0	5.250e+04	-1.345e+04	4350.47	-3.480e+05	1.740e+05	-4.696e+06
		-4.696e+06	0.0	6.47e-05	0.0	40.0	5.250e+04	-1.345e+04	4350.47	-3.480e+05	0.0	-4.200e+06
81	331	-1.450e+06	0.0	1.76e-03	0.0	0.0	1.812e+04	-8819.88	-986.05	7.888e+04	-3.944e+04	-1.845e+06
		-1.845e+06	-3.944e+04	-6.53e-05	0.0	40.0	1.812e+04	-8819.88	-986.05	7.888e+04	0.0	-1.450e+06
81	338	-4.200e+06	1.798e+05	-2.50e-03	0.0	0.0	5.250e+04	-1.346e+04	4495.94	-3.597e+05	1.798e+05	-4.696e+06
		-4.696e+06	0.0	8.15e-05	0.0	40.0	5.250e+04	-1.346e+04	4495.94	-3.597e+05	0.0	-4.200e+06
81	354	-3.333e+06	2.845e+05	-7.47e-04	0.0	0.0	4.167e+04	-1.157e+04	7112.13	-5.690e+05	2.845e+05	-3.795e+06
		-3.795e+06	0.0	2.50e-04	0.0	40.0	4.167e+04	-1.157e+04	7112.13	-5.690e+05	0.0	-3.333e+06
81	355	-2.317e+06	0.0	7.55e-04	0.0	0.0	2.896e+04	-1.070e+04	-3747.71	2.998e+05	-1.499e+05	-2.746e+06
		-2.746e+06	-1.499e+05	-2.51e-04	0.0	40.0	2.896e+04	-1.070e+04	-3747.71	2.998e+05	0.0	-2.317e+06
81	362	-3.514e+06	1.205e+05	-8.92e-04	0.0	0.0	4.392e+04	-1.232e+04	3012.77	-2.410e+05	1.205e+05	-3.984e+06
		-3.984e+06	0.0	3.20e-05	0.0	40.0	4.392e+04	-1.232e+04	3012.77	-2.410e+05	0.0	-3.514e+06
81	363	-2.136e+06	1.407e+04	8.99e-04	0.0	0.0	2.670e+04	-9951.45	351.66	-2.813e+04	1.407e+04	-2.556e+06
		-2.556e+06	0.0	-3.25e-05	0.0	40.0	2.670e+04	-9951.45	351.66	-2.813e+04	0.0	-2.136e+06
81	370	-3.514e+06	1.234e+05	-1.27e-03	0.0	0.0	4.392e+04	-1.232e+04	3085.71	-2.469e+05	1.234e+05	-3.514e+06

	-3.984e+06	0.0	4.06e-05	0.0	40.0	4.392e+04	-1.232e+04	3085.71	-2.469e+05	1.234e+05	-3.984e+06	
81	386	-3.079e+06	1.751e+05	-3.79e-04	0.0	0.0	3.849e+04	-1.136e+04	4377.86	-3.502e+05	0.0	-3.079e+06
	-3.533e+06	0.0	1.25e-04	0.0	40.0	3.849e+04	-1.136e+04	4377.86	-3.502e+05	1.751e+05	-3.533e+06	
81	387	-2.571e+06	0.0	3.86e-04	0.0	0.0	3.213e+04	-1.091e+04	-1013.44	8.107e+04	0.0	-2.571e+06
	-3.008e+06	-4.054e+04	-1.25e-04	0.0	40.0	3.213e+04	-1.091e+04	-1013.44	8.107e+04	-4.054e+04	-3.008e+06	
82	41	-5.846e+06	4.476e+05	-1.90e-03	0.0	0.0	7.308e+04	6.045e+04	-1.119e+04	8.951e+05	4.476e+05	-5.846e+06
	-8.264e+06	0.0	9.39e-05	0.0	40.0	7.308e+04	6.045e+04	-1.119e+04	8.951e+05	0.0	-5.846e+06	
82	49	-7.289e+06	1.994e+05	-2.89e-03	0.0	0.0	9.111e+04	4.029e+04	-4985.53	3.988e+05	1.994e+05	-8.901e+06
	-8.901e+06	0.0	4.24e-04	0.0	40.0	9.111e+04	4.029e+04	-4985.53	3.988e+05	0.0	-7.289e+06	
82	121	-3.687e+06	1.759e+05	3.89e-04	0.0	0.0	4.609e+04	1.495e+04	-4396.46	3.517e+05	1.759e+05	-4.285e+06
	-4.285e+06	0.0	3.33e-05	0.0	40.0	4.609e+04	1.495e+04	-4396.46	3.517e+05	0.0	-3.687e+06	
82	164	-2.521e+06	1.046e+05	5.17e-04	0.0	0.0	3.344e+04	1.112e+04	-2615.73	2.093e+05	1.046e+05	-2.961e+06
	-2.961e+06	0.0	1.72e-05	0.0	40.0	3.151e+04	1.101e+04	-2615.73	2.093e+05	0.0	-2.521e+06	
82	224	-2.922e+06	1.267e+05	2.02e-03	0.0	0.0	3.653e+04	1.115e+04	-3167.23	2.534e+05	1.267e+05	-3.368e+06
	-3.368e+06	0.0	-2.95e-05	0.0	40.0	3.653e+04	1.115e+04	-3167.23	2.534e+05	0.0	-2.922e+06	
82	227	-2.903e+06	2.891e+05	-1.43e-03	0.0	0.0	3.628e+04	3.863e+04	-7228.24	5.783e+05	2.891e+05	-4.448e+06
	-4.448e+06	0.0	7.78e-05	0.0	40.0	3.628e+04	3.863e+04	-7228.24	5.783e+05	0.0	-2.903e+06	
82	270	-4.883e+06	1.680e+05	-8.83e-04	0.0	0.0	6.104e+04	1.725e+04	-4200.85	3.361e+05	1.680e+05	-5.573e+06
	-5.573e+06	0.0	1.00e-05	0.0	40.0	6.104e+04	1.725e+04	-4200.85	3.361e+05	0.0	-4.883e+06	
82	288	-2.675e+06	9.485e+04	3.44e-04	0.0	0.0	3.544e+04	1.112e+04	-2371.18	1.897e+05	9.485e+04	-3.120e+06
	-3.120e+06	0.0	1.15e-05	0.0	40.0	3.344e+04	1.112e+04	-2371.18	1.897e+05	0.0	-2.675e+06	
82	309	-2.825e+06	6.728e+04	-1.01e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.06	1.346e+05	6.728e+04	-3.271e+06
	-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.06	1.346e+05	0.0	-2.825e+06	
82	310	-2.843e+06	1.039e+05	-1.03e-06	0.0	0.0	3.554e+04	1.113e+04	-2596.50	2.077e+05	1.039e+05	-3.289e+06
	-3.289e+06	0.0	1.49e-05	0.0	40.0	3.554e+04	1.113e+04	-2596.50	2.077e+05	0.0	-2.843e+06	
82	311	-3.941e+06	9.652e+04	-8.56e-04	0.0	0.0	4.926e+04	1.363e+04	-2413.07	1.930e+05	9.652e+04	-4.486e+06
	-4.486e+06	0.0	-1.76e-06	0.0	40.0	4.926e+04	1.363e+04	-2413.07	1.930e+05	0.0	-3.941e+06	
82	315	-2.960e+06	2.076e+05	-1.27e-03	0.0	0.0	3.699e+04	3.177e+04	-5190.43	4.152e+05	2.076e+05	-4.230e+06
	-4.230e+06	0.0	4.78e-05	0.0	40.0	3.699e+04	3.177e+04	-5190.43	4.152e+05	0.0	-2.960e+06	
82	316	-3.761e+06	6.976e+04	-1.82e-03	0.0	0.0	4.701e+04	2.058e+04	-1743.88	1.395e+05	6.976e+04	-4.584e+06
	-4.584e+06	0.0	2.31e-04	0.0	40.0	4.701e+04	2.058e+04	-1743.88	1.395e+05	0.0	-3.761e+06	
82	324	-2.825e+06	6.728e+04	-1.01e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.06	1.346e+05	6.728e+04	-3.271e+06
	-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.06	1.346e+05	0.0	-2.825e+06	
82	338	-4.169e+06	1.939e+05	-1.65e-03	0.0	0.0	5.211e+04	1.238e+04	-4848.65	3.879e+05	1.939e+05	-4.645e+06
	-4.645e+06	0.0	3.65e-04	0.0	40.0	5.211e+04	1.238e+04	-4848.65	3.879e+05	0.0	-4.169e+06	
82	339	-1.481e+06	0.0	1.65e-03	0.0	0.0	1.851e+04	9902.59	1484.52	-1.188e+05	-5.938e+04	-1.897e+06
	-1.897e+06	-5.938e+04	-3.65e-04	0.0	40.0	1.851e+04	9902.59	1484.52	-1.188e+05	0.0	-1.481e+06	
82	350	-3.284e+06	3.883e+05	-7.16e-04	0.0	0.0	4.105e+04	1.125e+04	-9707.28	7.766e+05	3.883e+05	-3.729e+06
	-3.729e+06	0.0	1.82e-04	0.0	40.0	4.105e+04	1.125e+04	-9707.28	7.766e+05	0.0	-3.284e+06	
82	351	-2.366e+06	0.0	7.14e-04	0.0	0.0	2.958e+04	1.104e+04	6343.16	-5.075e+05	-2.537e+05	-2.813e+06
	-2.813e+06	-2.537e+05	-1.81e-04	0.0	40.0	2.958e+04	1.104e+04	6343.16	-5.075e+05	0.0	-2.366e+06	
82	370	-3.498e+06	1.304e+05	-8.29e-04	0.0	0.0	4.373e+04	1.177e+04	-3259.46	2.608e+05	1.304e+05	-3.959e+06
	-3.959e+06	0.0	1.82e-04	0.0	40.0	4.373e+04	1.177e+04	-3259.46	2.608e+05	0.0	-3.498e+06	
82	371	-2.152e+06	4186.61	8.27e-04	0.0	0.0	2.690e+04	1.051e+04	-104.67	8373.22	4186.61	-2.583e+06
	-2.583e+06	0.0	-1.81e-04	0.0	40.0	2.690e+04	1.051e+04	-104.67	8373.22	0.0	-2.152e+06	
82	382	-3.054e+06	2.269e+05	-3.63e-04	0.0	0.0	3.818e+04	1.120e+04	-5672.96	4.538e+05	2.269e+05	-3.500e+06
	-3.500e+06	0.0	9.06e-05	0.0	40.0	3.818e+04	1.120e+04	-5672.96	4.538e+05	0.0	-3.054e+06	
82	383	-2.595e+06	0.0	3.60e-04	0.0	0.0	3.244e+04	1.109e+04	2308.83	-1.847e+05	-9.235e+04	-3.041e+06
	-3.041e+06	-9.235e+04	-9.01e-05	0.0	40.0	3.244e+04	1.109e+04	2308.83	-1.847e+05	0.0	-2.595e+06	
85	49	-7.986e+06	1.778e+05	-2.89e-03	0.0	0.0	9.983e+04	-2.647e+04	4444.93	-3.556e+05	1.778e+05	-9.045e+06
	-9.045e+06	0.0	4.16e-04	0.0	40.0	9.983e+04	-2.647e+04	4444.93	-3.556e+05	0.0	-7.986e+06	
85	149	-8.138e+06	5.747e+04	9.41e-03	0.0	0.0	1.017e+05	-4.767e+04	1436.67	-1.149e+05	5.747e+04	-1.004e+07
	-1.004e+07	0.0	-3.84e-04	0.0	40.0	1.017e+05	-4.767e+04	1436.67	-1.149e+05	0.0	-8.138e+06	
85	164	-2.570e+06	6.063e+04	5.22e-04	0.0	0.0	3.212e+04	-1.148e+04	1515.83	-1.213e+05	6.063e+04	-3.029e+06
	-3.029e+06	0.0	1.62e-05	0.0	40.0	3.212e+04	-1.148e+04	1515.83	-1.213e+05	0.0	-2.570e+06	
85	198	-5.093e+06	0.0	3.61e-03	0.0	0.0	6.367e+04	-5.869e+04	-1563.85	1.251e+05	0.0	-5.093e+06
	-7.441e+06	-6.255e+04	-7.03e-05	0.0	40.0	6.367e+04	-5.869e+04	-1563.85	1.251e+05	-6.255e+04	-7.441e+06	
85	231	-4.217e+06	1.149e+05	-2.17e-03	0.0	0.0	5.272e+04	-1.200e+04	2872.07	-2.298e+05	1.149e+05	-4.697e+06
	-4.697e+06	0.0	3.17e-04	0.0	40.0	5.272e+04	-1.200e+04	2872.07	-2.298e+05	0.0	-4.217e+06	
85	270	-5.171e+06	1.018e+05	-8.75e-04	0.0	0.0	6.463e+04	-1.967e+04	2545.82	-2.037e+05	1.018e+05	-5.958e+06
	-5.958e+06	0.0	1.02e-05	0.0	40.0	6.463e+04	-1.967e+04	2545.82	-2.037e+05	0.0	-5.171e+06	
85	288	-2.714e+06	5.365e+04	3.49e-04	0.0	0.0	3.393e+04	-1.206e+04	1341.24	-1.073e+05	5.365e+04	-3.196e+06
	-3.196e+06	0.0	1.07e-05	0.0	40.0	3.393e+04	-1.206e+04	1341.24	-1.073e+05	0.0	-2.714e+06	
85	305	-2.885e+06	0.0	2.64e-03	0.0	0.0	3.606e+04	-3.949e+04	-1330.14	1.064e+05	0.0	-2.885e+06
	-4.464e+06	-5.321e+04	-4.32e-05	0.0	40.0	3.606e+04	-3.949e+04	-1330.14	1.064e+05	-5.321e+04	-4.464e+06	
85	309	-2.825e+06	4.422e+04	3.83e-06	0.0	0.0	3.532e+04	-1.207e+04	1105.61	-8.845e+04	4.422e+04	-3.308e+06
	-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.207e+04	1105.61	-8.845e+04	0.0	-2.825e+06	
85	311	-4.019e+06	6.822e+04	-8.51e-04	0.0	0.0	5.023e+04	-1.505e+04	1705.45	-1.364e+05	6.822e+04	-4.621e+06
	-4.621e+06	0.0	-1.39e-06	0.0	40.0	5.023e+04	-1.505e+04	1705.45	-1.364e+05	0.0	-4.019e+06	
85	313	-3.979e+06	1.619e+04	5.01e-03	0.0	0.0	4.974e+04	-2.371e+04	404.70	-3.238e+04	1.619e+04	-3.979e+06
	-4.928e+06	0.0	-2.20e-04	0.0	40.0	4.974e+04	-2.371e+04	404.70	-3.238e+04	0.0	-3.979e+06	
85	314	-2.926e+06	0.0	1.79e-03	0.0	0.0	3.657e+04	-3.264e+04	-931.49	7.452e+04	0.0	-2.926e+06
	-4.231e+06	-3.726e+04	-4.07e-05	0.0	40.0	3.657e+04	-3.264e+04	-931.49	7.452e+04	-3.726e+04	-4.231e+06	
85	316	-3.912e+06	8.673e+04	-1.82e-03	0.0	0.0	4.890e+04	-1.201e+04	2168.19	-1.735e+05	8.673e+04	-4.392e+06
	-4.392e+06	0.0	2.27e-04	0.0	40.0	4.890e+04	-1.201e+04	2168.19	-1.735e+05	0.0	-3.912e+06	
85	324	-2.825e+06	4.422e+04	3.83e-06	0.0	0.0	3.532e+04	-1.207e+04	1105.61	-8.845e+04	4.422e+04	-3.308e+06
	-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.207e+04	1105.61	-8.845e+04	0.0	-2.825e+06	

85	330	-4.293e+06	1.082e+05	-1.78e-03	0.0	0.0	5.367e+04	-9700.88	2705.62	-2.164e+05	0.0	-4.293e+06
		-4.822e+06	0.0	6.47e-05	0.0	40.0	5.367e+04	-9700.88	2705.62	-2.164e+05	1.082e+05	-4.822e+06
85	331	-1.358e+06	0.0	1.79e-03	0.0	0.0	1.697e+04	-1.444e+04	-494.39	3.955e+04	0.0	-1.358e+06
		-1.794e+06	-1.978e+04	-6.51e-05	0.0	40.0	1.697e+04	-1.444e+04	-494.39	3.955e+04	-1.978e+04	-1.794e+06
85	338	-4.293e+06	1.126e+05	-2.52e-03	0.0	0.0	5.366e+04	-9674.12	2814.32	-2.251e+05	0.0	-4.293e+06
		-4.824e+06	0.0	8.15e-05	0.0	40.0	5.366e+04	-9674.12	2814.32	-2.251e+05	1.126e+05	-4.824e+06
85	354	-3.624e+06	1.756e+05	-7.52e-04	0.0	0.0	4.530e+04	-1.214e+04	4390.58	-3.512e+05	-1.55e-06	-3.624e+06
		-4.119e+06	-1.55e-06	2.52e-04	0.0	40.0	4.530e+04	-1.214e+04	4390.58	-3.512e+05	1.756e+05	-4.119e+06
85	355	-2.027e+06	1.55e-06	7.59e-04	0.0	0.0	2.533e+04	-1.200e+04	-2179.36	1.743e+05	1.55e-06	-2.027e+06
		-2.497e+06	-8.717e+04	-2.53e-04	0.0	40.0	2.533e+04	-1.200e+04	-2179.36	1.743e+05	-8.717e+04	-2.497e+06
85	362	-3.560e+06	7.610e+04	-9.03e-04	0.0	0.0	4.450e+04	-1.085e+04	1902.55	-1.522e+05	0.0	-3.560e+06
		-4.066e+06	0.0	3.20e-05	0.0	40.0	4.450e+04	-1.085e+04	1902.55	-1.522e+05	7.610e+04	-4.066e+06
85	363	-2.091e+06	1.235e+04	9.11e-04	0.0	0.0	2.613e+04	-1.329e+04	308.67	-2.469e+04	0.0	-2.091e+06
		-2.550e+06	0.0	-3.24e-05	0.0	40.0	2.613e+04	-1.329e+04	308.67	-2.469e+04	1.235e+04	-2.550e+06
85	370	-3.560e+06	7.828e+04	-1.28e-03	0.0	0.0	4.450e+04	-1.084e+04	1957.00	-1.566e+05	0.0	-3.560e+06
		-4.067e+06	0.0	4.06e-05	0.0	40.0	4.450e+04	-1.084e+04	1957.00	-1.566e+05	7.828e+04	-4.067e+06
85	386	-3.224e+06	1.095e+05	-3.81e-04	0.0	0.0	4.030e+04	-1.209e+04	2736.47	-2.189e+05	0.0	-3.224e+06
		-3.713e+06	0.0	1.26e-04	0.0	40.0	4.030e+04	-1.209e+04	2736.47	-2.189e+05	1.095e+05	-3.713e+06
85	387	-2.427e+06	0.0	3.89e-04	0.0	0.0	3.034e+04	-1.205e+04	-525.25	4.202e+04	0.0	-2.427e+06
		-2.903e+06	-2.101e+04	-1.26e-04	0.0	40.0	3.034e+04	-1.205e+04	-525.25	4.202e+04	-2.101e+04	-2.903e+06
86	42	-5.231e+06	0.0	-1.92e-03	0.0	0.0	6.539e+04	5.873e+04	1186.91	-9.495e+04	-4.748e+04	-7.580e+06
		-7.580e+06	-4.748e+04	7.60e-05	0.0	40.0	6.539e+04	5.873e+04	1186.91	-9.495e+04	0.0	-5.231e+06
86	49	-7.916e+06	6.985e+04	-2.91e-03	0.0	0.0	9.895e+04	4.759e+04	-1746.27	1.397e+05	6.985e+04	-9.819e+06
		-9.819e+06	0.0	4.17e-04	0.0	40.0	9.895e+04	4.759e+04	-1746.27	1.397e+05	0.0	-7.916e+06
86	149	-7.976e+06	1.895e+05	9.39e-03	0.0	0.0	9.970e+04	2.662e+04	-4738.24	3.791e+05	1.895e+05	-9.041e+06
		-9.041e+06	0.0	-3.83e-04	0.0	40.0	9.970e+04	2.662e+04	-4738.24	3.791e+05	0.0	-7.976e+06
86	164	-2.553e+06	6.788e+04	5.18e-04	0.0	0.0	3.191e+04	1.148e+04	-1697.06	1.358e+05	6.788e+04	-3.012e+06
		-3.012e+06	0.0	1.67e-05	0.0	40.0	3.191e+04	1.148e+04	-1697.06	1.358e+05	0.0	-2.553e+06
86	227	-2.986e+06	0.0	-1.46e-03	0.0	0.0	3.733e+04	3.951e+04	1048.69	-8.389e+04	-4.195e+04	-4.567e+06
		-4.567e+06	-4.195e+04	6.48e-05	0.0	40.0	3.733e+04	3.951e+04	1048.69	-8.389e+04	0.0	-2.986e+06
86	270	-5.201e+06	1.053e+05	-8.84e-04	0.0	0.0	6.502e+04	1.967e+04	-2633.45	2.107e+05	1.053e+05	-5.988e+06
		-5.988e+06	0.0	1.10e-05	0.0	40.0	6.502e+04	1.967e+04	-2633.45	2.107e+05	0.0	-5.201e+06
86	281	-4.209e+06	1.235e+05	6.93e-03	0.0	0.0	5.261e+04	1.210e+04	-3086.46	2.469e+05	1.235e+05	-4.209e+06
		-4.693e+06	0.0	-2.76e-04	0.0	40.0	5.261e+04	1.210e+04	-3086.46	2.469e+05	0.0	-4.209e+06
86	288	-2.703e+06	5.847e+04	3.45e-04	0.0	0.0	3.379e+04	1.206e+04	-1461.86	1.169e+05	5.847e+04	-3.185e+06
		-3.185e+06	0.0	1.11e-05	0.0	40.0	3.379e+04	1.206e+04	-1461.86	1.169e+05	0.0	-2.703e+06
86	309	-2.825e+06	4.421e+04	-1.07e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.35	8.843e+04	4.421e+04	-3.308e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.35	8.843e+04	0.0	-2.825e+06
86	311	-4.048e+06	6.795e+04	-8.57e-04	0.0	0.0	5.060e+04	1.506e+04	-1698.82	1.359e+05	6.795e+04	-4.650e+06
		-4.650e+06	0.0	0.0	0.0	40.0	5.060e+04	1.506e+04	-1698.82	1.359e+05	0.0	-4.048e+06
86	313	-3.897e+06	8.664e+04	5.00e-03	0.0	0.0	4.871e+04	1.202e+04	-2166.00	1.733e+05	8.664e+04	-4.377e+06
		-4.377e+06	0.0	-2.19e-04	0.0	40.0	4.871e+04	1.202e+04	-2166.00	1.733e+05	0.0	-3.897e+06
86	315	-2.995e+06	0.0	-1.29e-03	0.0	0.0	3.743e+04	3.264e+04	848.42	-6.787e+04	-3.394e+04	-4.300e+06
		-4.300e+06	-3.394e+04	3.81e-05	0.0	40.0	3.743e+04	3.264e+04	848.42	-6.787e+04	0.0	-2.995e+06
86	316	-3.880e+06	2.402e+04	-1.83e-03	0.0	0.0	4.850e+04	2.374e+04	-600.40	4.803e+04	2.402e+04	-4.829e+06
		-4.829e+06	0.0	2.28e-04	0.0	40.0	4.850e+04	2.374e+04	-600.40	4.803e+04	0.0	-3.880e+06
86	324	-2.825e+06	4.421e+04	-1.07e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.35	8.843e+04	4.421e+04	-3.308e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.35	8.843e+04	0.0	-2.825e+06
86	338	-4.282e+06	1.105e+05	-1.64e-03	0.0	0.0	5.352e+04	1.090e+04	-2763.15	2.211e+05	1.105e+05	-4.788e+06
		-4.788e+06	0.0	3.66e-04	0.0	40.0	5.352e+04	1.090e+04	-2763.15	2.211e+05	0.0	-4.282e+06
86	339	-1.369e+06	0.0	1.64e-03	0.0	0.0	1.711e+04	1.325e+04	552.45	-4.420e+04	-2.210e+04	-1.828e+06
		-1.828e+06	-2.210e+04	-3.66e-04	0.0	40.0	1.711e+04	1.325e+04	552.45	-4.420e+04	0.0	-1.369e+06
86	350	-3.602e+06	2.308e+05	-7.09e-04	0.0	0.0	4.502e+04	1.243e+04	-5770.42	4.616e+05	2.308e+05	-4.073e+06
		-4.073e+06	0.0	1.83e-04	0.0	40.0	4.502e+04	1.243e+04	-5770.42	4.616e+05	0.0	-3.602e+06
86	351	-2.049e+06	0.0	7.07e-04	0.0	0.0	2.561e+04	1.172e+04	3559.72	-2.848e+05	-1.424e+05	-2.544e+06
		-2.544e+06	-1.424e+05	-1.83e-04	0.0	40.0	2.561e+04	1.172e+04	3559.72	-2.848e+05	0.0	-2.049e+06
86	370	-3.554e+06	7.722e+04	-8.26e-04	0.0	0.0	4.443e+04	1.147e+04	-1930.48	1.544e+05	7.722e+04	-4.049e+06
		-4.049e+06	0.0	1.82e-04	0.0	40.0	4.443e+04	1.147e+04	-1930.48	1.544e+05	0.0	-3.554e+06
86	371	-2.096e+06	1.121e+04	8.24e-04	0.0	0.0	2.620e+04	1.268e+04	-280.21	2.242e+04	1.121e+04	-2.568e+06
		-2.568e+06	0.0	-1.82e-04	0.0	40.0	2.620e+04	1.268e+04	-280.21	2.242e+04	0.0	-2.096e+06
86	382	-3.213e+06	1.370e+05	-3.59e-04	0.0	0.0	4.016e+04	1.224e+04	-3424.98	2.740e+05	1.370e+05	-3.690e+06
		-3.690e+06	0.0	9.13e-05	0.0	40.0	4.016e+04	1.224e+04	-3424.98	2.740e+05	0.0	-3.213e+06
86	383	-2.438e+06	0.0	3.57e-04	0.0	0.0	3.048e+04	1.191e+04	1214.28	-9.714e+04	-4.857e+04	-2.927e+06
		-2.927e+06	-4.857e+04	-9.10e-05	0.0	40.0	3.048e+04	1.191e+04	1214.28	-9.714e+04	0.0	-2.438e+06
87	126	8.698e+05	3893.56	-0.04	-612.50	0.0	4.546e+04	2274.47	-57.87	-5270.67	3893.56	7.433e+05
		7.433e+05	-2014.42	3.65e-04	0.0	102.1	4.546e+04	1661.97	-57.87	-5270.67	-2014.42	8.698e+05
87	149	4.367e+06	8.817e+04	-0.18	-826.88	0.0	1.853e+05	1.558e+04	-1188.62	-1.573e+05	8.817e+04	3.346e+06
		3.346e+06	-3.317e+04	2.11e-03	0.0	102.1	1.853e+05	1.475e+04	-1188.62	-1.573e+05	-3.317e+04	4.367e+06
87	187	4.370e+06	8.904e+04	-0.18	-826.88	0.0	1.854e+05	1.557e+04	-1194.62	-1.569e+05	8.904e+04	3.349e+06
		3.349e+06	-3.291e+04	2.02e-03	0.0	102.1	1.854e+05	1.475e+04	-1194.62	-1.569e+05	-3.291e+04	4.370e+06
87	206	8.480e+05	4302.02	-0.03	-612.50	0.0	4.625e+04	2274.74	-52.67	-4865.25	4302.02	7.212e+05
		7.212e+05	-1074.49	8.37e-05	0.0	102.1	4.625e+04	1662.24	-52.67	-4865.25	-1074.49	8.480e+05
87	231	7.977e+05	2606.04	-0.03	-612.50	0.0	4.949e+04	2289.36	-36.90	-3351.32	2606.04	6.708e+05
		6.708e+05	-1160.77	2.54e-05	0.0	102.1	4.949e+04	1676.86	-36.90	-3351.32	-1160.77	7.977e+05
87	269	8.850e+05	3457.27	-0.04	-612.50	0.0	4.697e+04	2293.25	-48.80	-4710.86	3457.27	7.584e+05
		7.584e+05	-1524.68	2.52e-04	0.0	102.1	4.697e+04	1680.75	-48.80	-4710.86	-1524.68	8.850e+05
87	281	2.909e+06	5.822e+04	-0.12	-612.50	0.0	1.194e+05	1.088e+04	-763.16	-9.688e+04	5.822e+04	2.194e+06

		2.194e+06	-1.968e+04	1.27e-03	0.0	102.1	1.194e+05	1.026e+04	-763.16	-9.688e+04	-1.968e+04	2.909e+06
87	300	2.911e+06	5.880e+04	-0.12	-612.50	0.0	1.195e+05	1.087e+04	-767.16	-9.663e+04	5.880e+04	2.196e+06
		2.196e+06	-1.951e+04	1.21e-03	0.0	102.1	1.195e+05	1.026e+04	-767.16	-9.663e+04	-1.951e+04	2.911e+06
87	310	8.700e+05	3639.20	-0.04	-612.50	0.0	4.750e+04	2292.99	-49.87	-4588.68	3639.20	7.433e+05
		7.433e+05	-1452.05	2.22e-04	0.0	102.1	4.750e+04	1680.49	-49.87	-4588.68	-1452.05	8.700e+05
87	313	2.392e+06	4.481e+04	-0.10	-612.50	0.0	1.017e+05	8730.12	-581.17	-7.357e+04	4.481e+04	1.824e+06
		1.824e+06	-1.452e+04	8.30e-04	0.0	102.1	1.017e+05	8117.62	-581.17	-7.357e+04	-1.452e+04	2.392e+06
87	316	8.072e+05	2940.00	-0.03	-612.50	0.0	4.926e+04	2290.38	-35.48	-3528.69	2940.00	6.802e+05
		6.802e+05	-682.11	-8.35e-05	0.0	102.1	4.926e+04	1677.88	-35.48	-3528.69	-682.11	8.072e+05
87	324	8.705e+05	3729.17	-0.04	-612.50	0.0	4.750e+04	2293.43	-45.35	-4441.24	3729.17	7.436e+05
		7.436e+05	-900.51	6.48e-05	0.0	102.1	4.750e+04	1680.93	-45.35	-4441.24	-900.51	8.705e+05
87	326	5.805e+05	6581.58	-0.02	-612.50	0.0	6.235e+04	1872.98	-81.69	-7220.00	6581.58	4.848e+05
		4.848e+05	-1876.45	2.20e-04	0.0	102.1	6.235e+04	1260.48	-81.69	-7220.00	-1876.45	5.805e+05
87	327	1.161e+06	876.77	-0.05	-612.50	0.0	3.266e+04	2713.88	-9.02	-1662.48	876.77	1.002e+06
		1.002e+06	75.43	-9.04e-05	0.0	102.1	3.266e+04	2101.38	-9.02	-1662.48	75.43	1.161e+06
87	329	5.827e+05	6665.80	-0.02	-612.50	0.0	6.258e+04	1905.89	-67.84	-6108.13	6665.80	4.886e+05
		4.886e+05	-802.62	-3.08e-04	0.0	102.1	6.258e+04	1293.39	-67.84	-6108.13	-802.62	5.827e+05
87	332	1.158e+06	792.54	-0.05	-612.50	0.0	3.243e+04	2680.97	-22.87	-2774.35	792.54	9.987e+05
		9.987e+05	-998.40	4.37e-04	0.0	102.1	3.243e+04	2068.47	-22.87	-2774.35	-998.40	1.158e+06
87	350	7.801e+05	3394.98	-0.03	-612.50	0.0	5.159e+04	2151.93	-87.06	-7353.60	3394.98	6.650e+05
		6.650e+05	-3693.32	1.25e-03	0.0	102.1	5.159e+04	1539.43	-87.06	-7353.60	-3693.32	7.801e+05
87	358	7.215e+05	5272.10	-0.03	-612.50	0.0	5.506e+04	2088.41	-66.46	-6010.02	5272.10	6.118e+05
		6.118e+05	-1531.53	2.14e-04	0.0	102.1	5.506e+04	1475.91	-66.46	-6010.02	-1531.53	7.215e+05
87	361	7.224e+05	5222.35	-0.03	-612.50	0.0	5.516e+04	2096.39	-56.97	-5296.27	5222.35	6.124e+05
		6.124e+05	-861.62	-1.20e-04	0.0	102.1	5.516e+04	1483.89	-56.97	-5296.27	-861.62	7.224e+05
87	363	1.020e+06	2566.04	-0.04	-612.50	0.0	3.997e+04	2497.33	-24.21	-2927.08	2566.04	8.755e+05
		8.755e+05	-169.87	-1.04e-04	0.0	102.1	3.997e+04	1884.83	-24.21	-2927.08	-169.87	1.020e+06
87	364	1.019e+06	2235.99	-0.04	-612.50	0.0	3.985e+04	2490.47	-33.73	-3586.21	2235.99	8.749e+05
		8.749e+05	-939.40	2.50e-04	0.0	102.1	3.985e+04	1877.97	-33.73	-3586.21	-939.40	1.019e+06
87	382	8.241e+05	3577.55	-0.03	-612.50	0.0	4.958e+04	2221.85	-66.15	-5895.17	3577.55	7.032e+05
		7.032e+05	-2286.82	6.52e-04	0.0	102.1	4.958e+04	1609.35	-66.15	-5895.17	-2286.82	8.241e+05
88	117	3.069e+06	2.394e+04	0.20	-745.88	0.0	1.492e+05	-1.600e+04	-316.15	6.198e+04	2.394e+04	3.069e+06
		2.089e+06	-5168.41	-1.01e-03	0.0	92.1	1.492e+05	-1.675e+04	-316.15	6.198e+04	-5168.41	2.089e+06
88	126	7.871e+05	7980.22	0.05	-552.50	0.0	4.329e+04	-3433.05	-97.94	-3922.12	7980.22	7.871e+05
		5.660e+05	-1038.63	-1.99e-04	0.0	92.1	4.329e+04	-3985.55	-97.94	-3922.12	-1038.63	5.660e+05
88	150	3.300e+06	1.324e+04	0.22	-552.50	0.0	1.540e+05	-1.775e+04	-241.37	1.089e+05	1.324e+04	3.300e+06
		2.220e+06	-8986.10	-1.39e-03	0.0	92.1	1.540e+05	-1.830e+04	-241.37	1.089e+05	-8986.10	2.220e+06
88	187	3.606e+06	1.852e+04	0.24	-745.88	0.0	1.713e+05	-1.920e+04	-294.07	1.041e+05	1.852e+04	3.606e+06
		2.432e+06	-8562.54	-1.39e-03	0.0	92.1	1.713e+05	-1.995e+04	-294.07	1.041e+05	-8562.54	2.432e+06
88	206	7.657e+05	1.014e+04	0.05	-552.50	0.0	4.406e+04	-3451.33	-111.60	-5068.70	1.014e+04	7.657e+05
		5.431e+05	-138.36	-1.34e-04	0.0	92.1	4.406e+04	-4003.83	-111.60	-5068.70	-138.36	5.431e+05
88	231	7.197e+05	9379.76	0.05	-552.50	0.0	4.715e+04	-3595.35	-95.62	-6552.68	9379.76	7.197e+05
		4.881e+05	574.77	-1.33e-04	0.0	92.1	4.715e+04	-4147.85	-95.62	-6552.68	574.77	4.881e+05
88	269	8.037e+05	8538.92	0.05	-552.50	0.0	4.474e+04	-3585.43	-98.90	-5139.34	8538.92	8.037e+05
		5.723e+05	-567.99	-1.83e-04	0.0	92.1	4.474e+04	-4137.93	-98.90	-5139.34	-567.99	5.723e+05
88	270	1.042e+06	1713.71	0.07	-552.50	0.0	6.322e+04	-5057.14	-64.93	2.203e+04	1713.71	1.042e+06
		7.207e+05	-4264.92	-4.16e-04	0.0	92.1	6.322e+04	-5609.64	-64.93	2.203e+04	-4264.92	7.207e+05
88	300	2.372e+06	2.049e+04	0.16	-552.50	0.0	1.100e+05	-1.274e+04	-249.86	5.022e+04	2.049e+04	2.372e+06
		1.592e+06	-2516.11	-7.82e-04	0.0	92.1	1.100e+05	-1.330e+04	-249.86	5.022e+04	-2516.11	1.592e+06
88	305	1.087e+06	2.130e+04	0.06	-552.50	0.0	5.729e+04	-2857.04	-229.03	-2.169e+04	2.130e+04	1.087e+06
		8.991e+05	208.49	-2.81e-04	0.0	92.1	5.729e+04	-3409.54	-229.03	-2.169e+04	208.49	8.991e+05
88	309	7.894e+05	9973.74	0.05	-552.50	0.0	4.526e+04	-3597.61	-107.99	-5902.08	9973.74	7.894e+05
		5.570e+05	29.93	-1.47e-04	0.0	92.1	4.526e+04	-4150.11	-107.99	-5902.08	29.93	5.570e+05
88	313	1.967e+06	1.796e+04	0.13	-552.50	0.0	9.402e+04	-1.045e+04	-211.78	3.650e+04	1.796e+04	1.967e+06
		1.325e+06	-1545.98	-5.81e-04	0.0	92.1	9.402e+04	-1.100e+04	-211.78	3.650e+04	-1545.98	1.325e+06
88	314	1.003e+06	1.856e+04	0.06	-552.50	0.0	5.452e+04	-3037.23	-196.17	-1.743e+04	1.856e+04	1.003e+06
		8.045e+05	497.47	-2.37e-04	0.0	92.1	5.452e+04	-3589.73	-196.17	-1.743e+04	497.47	8.045e+05
88	316	7.285e+05	1.019e+04	0.05	-552.50	0.0	4.694e+04	-3598.70	-101.58	-6646.28	1.019e+04	7.285e+05
		4.965e+05	835.34	-1.24e-04	0.0	92.1	4.694e+04	-4151.20	-101.58	-6646.28	835.34	4.965e+05
88	324	7.894e+05	9973.74	0.05	-552.50	0.0	4.526e+04	-3597.61	-107.99	-5902.08	9973.74	7.894e+05
		5.570e+05	29.93	-1.47e-04	0.0	92.1	4.526e+04	-4150.11	-107.99	-5902.08	29.93	5.570e+05
88	326	5.237e+05	7719.35	0.03	-552.50	0.0	5.808e+04	-4357.09	-79.31	-2982.76	7719.35	5.237e+05
		3.540e+05	333.59	-1.20e-04	0.0	92.1	5.808e+04	-4909.59	-79.31	-2982.76	333.59	3.540e+05
88	327	1.055e+06	1.223e+04	0.07	-552.50	0.0	3.243e+04	-2838.13	-136.67	-8821.41	1.223e+04	1.055e+06
		7.600e+05	-273.72	-1.74e-04	0.0	92.1	3.243e+04	-3390.63	-136.67	-8821.41	-273.72	7.600e+05
88	330	5.250e+05	7212.43	0.03	-552.50	0.0	5.848e+04	-4362.01	-78.11	-2841.30	7212.43	5.250e+05
		3.550e+05	-49.50	-1.82e-04	0.0	92.1	5.848e+04	-4914.51	-78.11	-2841.30	-49.50	3.550e+05
88	331	1.054e+06	1.274e+04	0.07	-552.50	0.0	3.203e+04	-2833.22	-137.86	-8962.87	1.274e+04	1.054e+06
		7.590e+05	109.37	-1.34e-04	0.0	92.1	3.203e+04	-3385.72	-137.86	-8962.87	109.37	7.590e+05
88	351	8.731e+05	1.464e+04	0.06	-552.50	0.0	4.065e+04	-3388.58	-141.44	-8979.57	1.464e+04	8.731e+05
		6.202e+05	1908.13	2.96e-04	0.0	92.1	4.065e+04	-3941.08	-141.44	-8979.57	1908.13	6.202e+05
88	356	8.635e+05	6169.06	0.05	-552.50	0.0	4.207e+04	-3344.43	-87.30	-4184.15	6169.06	8.635e+05
		6.145e+05	-2178.45	-5.02e-04	0.0	92.1	4.207e+04	-3896.93	-87.30	-4184.15	-2178.45	6.145e+05
88	358	6.534e+05	8645.15	0.04	-552.50	0.0	5.183e+04	-3988.29	-93.62	-4437.74	8645.15	6.534e+05
		4.529e+05	11.22	-1.54e-04	0.0	92.1	5.183e+04	-4540.79	-93.62	-4437.74	11.22	4.529e+05
88	362	6.534e+05	8580.99	0.04	-552.50	0.0	5.197e+04	-3987.63	-92.81	-4342.79	8580.99	6.534e+05
		4.531e+05	0.48	-1.58e-04	0.0	92.1	5.197e+04	-4540.13	-92.81	-4342.79	0.48	4.531e+05

88	363	9.254e+05	1.137e+04	0.06	-552.50	0.0	3.854e+04	-3207.59	-123.17	-7461.38	1.137e+04	9.254e+05
		6.610e+05	59.39	-1.40e-04	0.0	92.1	3.854e+04	-3760.09	-123.17	-7461.38	59.39	6.610e+05
88	383	8.323e+05	1.230e+04	0.05	-552.50	0.0	4.292e+04	-3490.68	-124.70	-7444.95	1.230e+04	8.323e+05
		5.895e+05	957.22	9.66e-05	0.0	92.1	4.292e+04	-4043.18	-124.70	-7444.95	957.22	5.895e+05
88	388	8.276e+05	8094.67	0.05	-552.50	0.0	4.363e+04	-3468.75	-97.83	-5056.73	8094.67	8.276e+05
		5.867e+05	-1066.85	-2.97e-04	0.0	92.1	4.363e+04	-4021.25	-97.83	-5056.73	-1066.85	5.867e+05
89	117	3.974e+06	4047.10	-0.16	-826.88	0.0	1.717e+05	1.500e+04	567.20	3.943e+04	-5.385e+04	2.987e+06
		2.987e+06	-5.385e+04	7.78e-04	0.0	102.1	1.717e+05	1.417e+04	567.20	3.943e+04	4047.10	3.974e+06
89	149	4.830e+06	2711.68	-0.20	-826.88	0.0	2.034e+05	1.895e+04	702.27	4.047e+04	-6.898e+04	3.569e+06
		3.569e+06	-6.898e+04	1.09e-03	0.0	102.1	2.034e+05	1.812e+04	702.27	4.047e+04	2711.68	4.830e+06
89	164	8.714e+05	352.44	-0.04	-612.50	0.0	4.547e+04	2275.80	44.25	4826.38	-4164.69	7.442e+05
		7.442e+05	-4164.69	1.09e-04	0.0	102.1	4.547e+04	1663.30	44.25	4826.38	352.44	8.714e+05
89	206	8.480e+05	1074.49	-0.03	-612.50	0.0	4.625e+04	2274.74	52.67	4865.25	-4302.02	7.212e+05
		7.212e+05	-4302.02	-8.37e-05	0.0	102.1	4.625e+04	1662.24	52.67	4865.25	1074.49	8.480e+05
89	231	7.963e+05	644.40	-0.03	-612.50	0.0	4.976e+04	2293.46	51.58	5779.35	-4621.47	6.699e+05
		6.699e+05	-4621.47	-8.67e-05	0.0	102.1	4.976e+04	1680.96	51.58	5779.35	644.40	7.963e+05
89	281	3.132e+06	4766.12	-0.13	-612.50	0.0	1.273e+05	1.270e+04	513.47	4.075e+04	-4.765e+04	2.291e+06
		2.291e+06	-4.765e+04	6.75e-04	0.0	102.1	1.273e+05	1.208e+04	513.47	4.075e+04	4766.12	3.132e+06
89	288	8.861e+05	421.59	-0.04	-612.50	0.0	4.698e+04	2294.13	39.76	4415.98	-3637.22	7.590e+05
		7.590e+05	-3637.22	7.12e-05	0.0	102.1	4.698e+04	1681.63	39.76	4415.98	421.59	8.861e+05
89	300	3.130e+06	4937.39	-0.13	-612.50	0.0	1.272e+05	1.270e+04	509.47	4.100e+04	-4.707e+04	2.289e+06
		2.289e+06	-4.707e+04	6.38e-04	0.0	102.1	1.272e+05	1.209e+04	509.47	4.100e+04	4937.39	3.130e+06
89	309	8.705e+05	900.51	-0.04	-612.50	0.0	4.750e+04	2293.43	45.35	4441.24	-3729.17	7.436e+05
		7.436e+05	-3729.17	-6.48e-05	0.0	102.1	4.750e+04	1680.93	45.35	4441.24	900.51	8.705e+05
89	313	2.557e+06	4287.34	-0.11	-612.50	0.0	1.076e+05	1.010e+04	397.68	3.188e+04	-3.631e+04	1.894e+06
		1.894e+06	-3.631e+04	4.35e-04	0.0	102.1	1.076e+05	9484.74	397.68	3.188e+04	4287.34	2.557e+06
89	316	8.053e+05	1122.15	-0.03	-612.50	0.0	4.946e+04	2292.79	53.28	5570.87	-4316.61	6.791e+05
		6.791e+05	-4316.61	-1.98e-04	0.0	102.1	4.946e+04	1680.29	53.28	5570.87	1122.15	8.053e+05
89	324	8.705e+05	900.51	-0.04	-612.50	0.0	4.750e+04	2293.43	45.35	4441.24	-3729.17	7.436e+05
		7.436e+05	-3729.17	-6.48e-05	0.0	102.1	4.750e+04	1680.93	45.35	4441.24	900.51	8.705e+05
89	333	5.805e+05	1897.99	-0.02	-612.50	0.0	6.239e+04	1878.44	82.87	7257.80	-6667.91	4.856e+05
		4.856e+05	-6667.91	-2.21e-04	0.0	102.1	6.239e+04	1265.94	82.87	7257.80	1897.99	5.805e+05
89	338	5.827e+05	802.62	-0.02	-612.50	0.0	6.258e+04	1905.89	67.84	6108.13	-6665.80	4.886e+05
		4.886e+05	-6665.80	3.08e-04	0.0	102.1	6.258e+04	1293.39	67.84	6108.13	802.62	5.827e+05
89	339	1.158e+06	998.40	-0.05	-612.50	0.0	3.243e+04	2680.98	22.87	2774.35	-792.54	9.987e+05
		9.987e+05	-792.54	-4.37e-04	0.0	102.1	3.243e+04	2068.48	22.87	2774.35	998.40	1.158e+06
89	340	1.160e+06	-555.09	-0.05	-612.50	0.0	3.267e+04	2694.87	3.62	1446.48	-1461.45	9.999e+05
		9.999e+05	-1461.45	2.76e-04	0.0	102.1	3.267e+04	2082.37	3.62	1446.48	-555.09	1.160e+06
89	353	7.801e+05	3693.33	-0.03	-612.50	0.0	5.159e+04	2151.93	87.06	7353.61	-3394.98	6.650e+05
		6.650e+05	-3394.98	-1.25e-03	0.0	102.1	5.159e+04	1539.43	87.06	7353.61	3693.33	7.801e+05
89	365	7.215e+05	1531.53	-0.03	-612.50	0.0	5.506e+04	2088.41	66.46	6010.02	-5272.10	6.118e+05
		6.118e+05	-5272.10	-2.14e-04	0.0	102.1	5.506e+04	1475.91	66.46	6010.02	1531.53	7.215e+05
89	370	7.224e+05	861.62	-0.03	-612.50	0.0	5.516e+04	2096.39	56.97	5296.27	-5222.35	6.124e+05
		6.124e+05	-5222.35	1.20e-04	0.0	102.1	5.516e+04	1483.89	56.97	5296.27	861.62	7.224e+05
89	371	1.019e+06	939.40	-0.04	-612.50	0.0	3.985e+04	2490.47	33.73	3586.22	-2235.99	8.749e+05
		8.749e+05	-2235.99	-2.50e-04	0.0	102.1	3.985e+04	1877.97	33.73	3586.22	939.40	1.019e+06
89	372	1.020e+06	169.87	-0.04	-612.50	0.0	3.997e+04	2497.33	24.21	2927.08	-2566.04	8.755e+05
		8.755e+05	-2566.04	1.04e-04	0.0	102.1	3.997e+04	1884.83	24.21	2927.08	169.87	1.020e+06
89	385	8.241e+05	2286.82	-0.03	-612.50	0.0	4.958e+04	2221.85	66.15	5895.18	-3577.54	7.032e+05
		7.032e+05	-3577.54	-6.52e-04	0.0	102.1	4.958e+04	1609.35	66.15	5895.18	2286.82	8.241e+05
90	149	3.882e+06	-1.361e+04	0.26	-745.88	0.0	1.879e+05	-2.075e+04	1207.55	1.059e+05	-1.248e+05	3.882e+06
		2.642e+06	-1.248e+05	9.91e-04	0.0	92.1	1.879e+05	-2.150e+04	1207.55	1.059e+05	-1.361e+04	2.642e+06
90	164	7.889e+05	-494.66	0.05	-552.50	0.0	4.328e+04	-3439.53	110.72	5038.48	-1.069e+04	7.889e+05
		5.668e+05	-1.069e+04	1.20e-04	0.0	92.1	4.328e+04	-3992.03	110.72	5038.48	-494.66	5.668e+05
90	206	7.657e+05	138.36	0.05	-552.50	0.0	4.406e+04	-3451.33	111.60	5068.70	-1.014e+04	7.657e+05
		5.431e+05	-1.014e+04	1.34e-04	0.0	92.1	4.406e+04	-4003.83	111.60	5068.70	138.36	5.431e+05
90	231	7.129e+05	258.05	0.05	-552.50	0.0	4.760e+04	-3619.62	114.45	4834.64	-1.028e+04	7.129e+05
		4.783e+05	-1.028e+04	1.56e-04	0.0	92.1	4.760e+04	-4172.12	114.45	4834.64	258.05	7.129e+05
90	281	2.499e+06	-7438.04	0.17	-552.50	0.0	1.168e+05	-1.379e+04	686.41	4.669e+04	-7.065e+04	2.499e+06
		1.668e+06	-7.065e+04	6.02e-04	0.0	92.1	1.168e+05	-1.434e+04	686.41	4.669e+04	-7438.04	1.668e+06
90	288	8.049e+05	-449.69	0.05	-552.50	0.0	4.473e+04	-3589.74	107.38	5880.29	-1.034e+04	8.049e+05
		5.729e+05	-1.034e+04	1.36e-04	0.0	92.1	4.473e+04	-4142.24	107.38	5880.29	-449.69	5.729e+05
90	310	7.900e+05	-538.77	0.05	-552.50	0.0	4.525e+04	-3599.76	112.23	6272.56	-1.087e+04	7.900e+05
		5.573e+05	-1.087e+04	1.30e-04	0.0	92.1	4.525e+04	-4152.26	112.23	6272.56	-538.77	5.573e+05
90	313	2.061e+06	-5156.38	0.14	-552.50	0.0	9.917e+04	-1.123e+04	532.84	3.562e+04	-5.422e+04	2.061e+06
		1.381e+06	-5.422e+04	4.92e-04	0.0	92.1	9.917e+04	-1.178e+04	532.84	3.562e+04	-5156.38	1.381e+06
90	316	7.225e+05	552.53	0.05	-552.50	0.0	4.728e+04	-3613.68	109.34	4802.03	-9515.84	7.225e+05
		4.886e+05	-9515.84	1.70e-04	0.0	92.1	4.728e+04	-4166.18	109.34	4802.03	552.53	4.886e+05
90	324	7.894e+05	-29.93	0.05	-552.50	0.0	4.526e+04	-3597.61	107.99	5902.08	-9973.74	7.894e+05
		5.570e+05	-9973.74	1.47e-04	0.0	92.1	4.526e+04	-4150.11	107.99	5902.08	-29.93	5.570e+05
90	333	5.239e+05	-290.96	0.03	-552.50	0.0	5.813e+04	-4362.28	80.98	3016.16	-7823.38	5.239e+05
		3.536e+05	-7823.38	1.20e-04	0.0	92.1	5.813e+04	-4914.78	80.98	3016.16	-290.96	3.536e+05
90	336	1.055e+06	231.10	0.07	-552.50	0.0	3.238e+04	-2832.94	134.99	8788.01	-1.212e+04	1.055e+06
		7.604e+05	-1.212e+04	1.74e-04	0.0	92.1	3.238e+04	-3385.44	134.99	8788.01	231.10	7.604e+05
90	337	5.250e+05	49.51	0.03	-552.50	0.0	5.848e+04	-4362.01	78.11	2841.30	-7212.43	5.250e+05
		3.550e+05	-7212.43	1.82e-04	0.0	92.1	5.848e+04	-4914.51	78.11	2841.30	49.51	3.550e+05
90	340	1.054e+06	-109.37	0.07	-552.50	0.0	3.203e+04	-2833.22	137.86	8962.87	-1.274e+04	1.054e+06

		7.590e+05	-1.274e+04	1.34e-04	0.0	92.1	3.203e+04	-3385.72	137.86	8962.87	-109.37	7.590e+05
90	351	8.635e+05	2178.47	0.05	-552.50	0.0	4.207e+04	-3344.43	87.30	4184.14	-6169.07	8.635e+05
		6.145e+05	-6169.07	5.02e-04	0.0	92.1	4.207e+04	-3896.93	87.30	4184.14	2178.47	6.145e+05
90	356	8.731e+05	-1908.14	0.06	-552.50	0.0	4.065e+04	-3388.58	141.44	8979.58	-1.464e+04	8.731e+05
		6.202e+05	-1.464e+04	-2.96e-04	0.0	92.1	4.065e+04	-3941.08	141.44	8979.58	-1908.14	6.202e+05
90	365	6.534e+05	-11.22	0.04	-552.50	0.0	5.183e+04	-3988.29	93.62	4437.74	-8645.15	6.534e+05
		4.529e+05	-8645.15	1.54e-04	0.0	92.1	5.183e+04	-4540.79	93.62	4437.74	-11.22	4.529e+05
90	369	6.534e+05	-0.48	0.04	-552.50	0.0	5.197e+04	-3987.63	92.81	4342.79	-8580.99	6.534e+05
		4.531e+05	-8580.99	1.58e-04	0.0	92.1	5.197e+04	-4540.13	92.81	4342.79	-0.48	4.531e+05
90	372	9.254e+05	-59.39	0.06	-552.50	0.0	3.854e+04	-3207.59	123.17	7461.38	-1.137e+04	9.254e+05
		6.610e+05	-1.137e+04	1.40e-04	0.0	92.1	3.854e+04	-3760.09	123.17	7461.38	-59.39	6.610e+05
90	383	8.276e+05	1066.85	0.05	-552.50	0.0	4.363e+04	-3468.75	97.83	5056.72	-8094.67	8.276e+05
		5.867e+05	-8094.67	2.97e-04	0.0	92.1	4.363e+04	-4021.25	97.83	5056.72	1066.85	5.867e+05
90	388	8.323e+05	-957.22	0.05	-552.50	0.0	4.292e+04	-3490.68	124.70	7444.95	-1.230e+04	8.323e+05
		5.895e+05	-1.230e+04	-9.66e-05	0.0	92.1	4.292e+04	-4043.18	124.70	7444.95	-957.22	5.895e+05
91	143	1.452e+06	3.899e+04	-0.05	-826.88	0.0	7.763e+04	2761.38	-587.71	-3.589e+04	3.899e+04	1.452e+06
		1.300e+06	-7957.58	2.40e-04	255.72	102.1	7.763e+04	1934.51	-331.99	-3.589e+04	-7957.58	1.456e+06
91	149	5.230e+06	1.457e+04	-0.22	-826.88	0.0	2.236e+05	2.062e+04	-500.40	-1.500e+05	1.457e+04	3.888e+06
		3.888e+06	-2.868e+04	-5.24e-04	153.43	102.1	2.236e+05	1.980e+04	-346.97	-1.500e+05	-2.868e+04	5.230e+06
91	164	8.848e+05	1.534e+04	-0.04	-612.50	0.0	4.589e+04	2540.89	-189.99	-1.900e+04	1.534e+04	6.587e+05
		7.394e+05	-4056.42	-1.30e-04	0.0	102.1	4.589e+04	1928.39	-189.99	-1.900e+04	-4056.42	8.848e+05
91	206	8.608e+05	1.574e+04	-0.04	-612.50	0.0	4.678e+04	2547.28	-187.43	-1.880e+04	1.574e+04	7.160e+05
		7.160e+05	-3388.79	-2.16e-04	0.0	102.1	4.678e+04	1934.78	-187.43	-1.880e+04	-3388.79	8.608e+05
91	231	8.123e+05	2.154e+04	-0.03	-612.50	0.0	5.047e+04	2684.36	-255.26	-2.104e+04	2.154e+04	6.587e+05
		6.587e+05	-4517.70	-2.48e-04	0.0	102.1	5.047e+04	2071.86	-255.26	-2.104e+04	-4517.70	8.123e+05
91	278	1.073e+06	2.783e+04	-0.04	-612.50	0.0	5.738e+04	2029.41	-413.31	-2.575e+04	2.783e+04	9.595e+05
		9.595e+05	-5660.39	-1.82e-04	170.48	102.1	5.738e+04	1416.91	-242.83	-2.575e+04	-5660.39	1.073e+06
91	281	3.334e+06	1.704e+04	-0.14	-612.50	0.0	1.366e+05	1.396e+04	-389.59	-9.367e+04	1.704e+04	2.423e+06
		2.423e+06	-1.751e+04	-3.69e-04	102.29	102.1	1.366e+05	1.335e+04	-287.30	-9.367e+04	-1.751e+04	3.334e+06
91	288	9.059e+05	2.060e+04	-0.04	-612.50	0.0	4.772e+04	2665.67	-247.83	-2.270e+04	2.060e+04	7.517e+05
		7.517e+05	-4699.25	-1.94e-04	0.0	102.1	4.772e+04	2053.17	-247.83	-2.270e+04	-4699.25	9.059e+05
91	310	8.917e+05	2.053e+04	-0.04	-612.50	0.0	4.823e+04	2664.98	-248.01	-2.275e+04	2.053e+04	7.374e+05
		7.374e+05	-4784.41	-1.78e-04	0.0	102.1	4.823e+04	2052.48	-248.01	-2.275e+04	-4784.41	8.917e+05
91	312	1.054e+06	2.345e+04	-0.04	-612.50	0.0	5.755e+04	2021.65	-273.19	-2.203e+04	2.345e+04	9.418e+05
		9.418e+05	-4440.25	-2.73e-04	0.0	102.1	5.755e+04	1409.15	-273.19	-2.203e+04	-4440.25	1.054e+06
91	313	2.710e+06	1.617e+04	-0.11	-612.50	0.0	1.147e+05	1.114e+04	-290.56	-7.415e+04	1.617e+04	1.989e+06
		1.989e+06	-1.349e+04	-4.47e-04	0.0	102.1	1.147e+05	1.052e+04	-290.56	-7.415e+04	-1.349e+04	2.710e+06
91	316	8.210e+05	2.174e+04	-0.03	-612.50	0.0	5.022e+04	2684.53	-252.71	-2.124e+04	2.174e+04	6.678e+05
		6.678e+05	-4060.29	-3.09e-04	0.0	102.1	5.022e+04	2072.03	-252.71	-2.124e+04	-4060.29	8.210e+05
91	324	8.899e+05	2.087e+04	-0.04	-612.50	0.0	4.831e+04	2669.91	-246.12	-2.257e+04	2.087e+04	7.361e+05
		7.361e+05	-4256.50	-2.50e-04	0.0	102.1	4.831e+04	2057.41	-246.12	-2.257e+04	-4256.50	8.899e+05
91	333	5.855e+05	2.681e+04	-0.02	-612.50	0.0	6.375e+04	3273.83	-317.33	-1.433e+04	2.681e+04	4.808e+05
		4.808e+05	-6267.17	-3.63e-04	0.0	102.1	6.375e+04	2661.33	-317.33	-1.433e+04	-6267.17	5.855e+05
91	336	1.194e+06	1.493e+04	-0.05	-612.50	0.0	3.287e+04	2065.99	-174.92	-3.081e+04	1.493e+04	9.915e+05
		9.915e+05	-2245.84	-1.42e-04	0.0	102.1	3.287e+04	1453.49	-174.92	-3.081e+04	-2245.84	1.194e+06
91	337	5.856e+05	2.675e+04	-0.02	-612.50	0.0	6.401e+04	3300.23	-317.01	-1.407e+04	2.675e+04	4.787e+05
		4.787e+05	-5884.25	-4.66e-04	0.0	102.1	6.401e+04	2687.73	-317.01	-1.407e+04	-5884.25	5.856e+05
91	340	1.194e+06	1.499e+04	-0.05	-612.50	0.0	3.261e+04	2039.58	-175.24	-3.107e+04	1.499e+04	9.936e+05
		9.936e+05	-2628.76	2.28e-04	0.0	102.1	3.261e+04	1427.08	-175.24	-3.107e+04	-2628.76	1.194e+06
91	350	8.096e+05	2.144e+04	-0.03	-612.50	0.0	5.133e+04	2654.36	-291.40	-2.369e+04	2.144e+04	6.743e+05
		6.743e+05	-7456.88	1.11e-03	0.0	102.1	5.133e+04	2041.86	-291.40	-2.369e+04	-7456.88	8.096e+05
91	369	7.334e+05	2.385e+04	-0.03	-612.50	0.0	5.628e+04	2989.61	-282.26	-1.824e+04	2.385e+04	6.037e+05
		6.037e+05	-5096.86	-3.52e-04	0.0	102.1	5.628e+04	2377.11	-282.26	-1.824e+04	-5096.86	7.334e+05
91	372	1.046e+06	1.789e+04	-0.04	-612.50	0.0	4.033e+04	2350.20	-209.99	-2.689e+04	1.789e+04	8.686e+05
		8.686e+05	-3416.15	-1.59e-04	0.0	102.1	4.033e+04	1737.70	-209.99	-2.689e+04	-3416.15	1.046e+06
91	382	8.485e+05	2.118e+04	-0.03	-612.50	0.0	4.987e+04	2664.33	-268.86	-2.310e+04	2.118e+04	7.041e+05
		7.041e+05	-5851.92	5.01e-04	0.0	102.1	4.987e+04	2051.83	-268.86	-2.310e+04	-5851.92	8.485e+05
92	127	1.088e+06	1.439e+05	0.41	-745.88	0.0	7.670e+04	-3.887e+04	1699.19	1.672e+05	-1.896e+04	1.088e+06
		-1.859e+06	-1.896e+04	-2.11e-03	138.40	92.1	7.670e+04	-3.961e+04	1837.59	1.672e+05	1.439e+05	-1.859e+06
92	165	1.091e+06	1.383e+05	0.41	-745.88	0.0	7.644e+04	-3.879e+04	1703.02	1.632e+05	-1.855e+04	1.091e+06
		-1.847e+06	-1.855e+04	-1.96e-03	0.0	92.1	7.644e+04	-3.954e+04	1703.02	1.632e+05	1.383e+05	-1.847e+06
92	206	1.423e+05	2952.12	0.07	-552.50	0.0	1.764e+04	-7785.44	121.69	1.692e+04	-8253.31	1.423e+05
		-5.164e+05	-8253.31	-3.78e-04	0.0	92.1	1.764e+04	-8337.94	121.69	1.692e+04	2952.12	-5.164e+05
92	270	8.077e+05	1.058e+05	0.30	-552.50	0.0	5.667e+04	-2.875e+04	1253.55	1.231e+05	-1.388e+04	8.077e+05
		-1.371e+06	-1.388e+04	-1.53e-03	92.27	92.1	5.667e+04	-2.930e+04	1345.82	1.231e+05	1.058e+05	-1.371e+06
92	287	1.306e+05	6160.89	0.07	-552.50	0.0	1.870e+04	-8098.78	169.80	2.054e+04	-9474.75	1.306e+05
		-5.649e+05	-9474.75	-6.18e-04	0.0	92.1	1.870e+04	-8651.28	169.80	2.054e+04	6160.89	-5.649e+05
92	289	8.099e+05	1.021e+05	0.30	-552.50	0.0	5.650e+04	-2.870e+04	1256.11	1.205e+05	-1.360e+04	8.099e+05
		-1.362e+06	-1.360e+04	-1.43e-03	0.0	92.1	5.650e+04	-2.925e+04	1256.11	1.205e+05	1.021e+05	-1.362e+06
92	309	1.487e+05	8588.50	0.08	-552.50	0.0	1.828e+04	-8100.93	191.23	2.170e+04	-9020.11	1.487e+05
		-5.348e+05	-9020.11	-3.84e-04	0.0	92.1	1.828e+04	-8653.43	191.23	2.170e+04	8588.50	-5.348e+05
92	311	6.288e+05	7.068e+04	0.23	-552.50	0.0	4.284e+04	-2.180e+04	890.56	8.422e+04	-1.133e+04	6.288e+05
		-1.019e+06	-1.133e+04	-8.51e-04	0.0	92.1	4.284e+04	-2.235e+04	890.56	8.422e+04	7.068e+04	-1.019e+06
92	324	1.487e+05	8588.50	0.08	-552.50	0.0	1.828e+04	-8100.93	191.23	2.170e+04	-9020.11	1.487e+05
		-5.348e+05	-9020.11	-3.84e-04	0.0	92.1	1.828e+04	-8653.43	191.23	2.170e+04	8588.50	-5.348e+05
92	325	3.084e+05	2.349e+04	0.10	-552.50	0.0	1.272e+04	-9179.38	335.02	2.911e+04	-5428.52	3.084e+05
		-3.611e+05	-5428.52	8.01e-04	0.0	92.1	1.272e+04	-9731.88	335.02	2.911e+04	2.349e+04	-3.611e+05

92	333	3.080e+05	2.377e+04	0.10	-552.50	0.0	1.266e+04	-9193.30	337.48	2.941e+04	-5378.70	3.080e+05
		-3.597e+05	-5378.70	7.34e-04	0.0	92.1	1.266e+04	-9745.80	337.48	2.941e+04	2.377e+04	-3.597e+05
92	335	3.018e+04	-143.22	0.05	-552.50	0.0	2.304e+04	-6767.69	145.81	1.885e+04	-1.559e+04	3.018e+04
		-6.779e+05	-1.559e+04	-6.80e-04	0.0	92.1	2.304e+04	-7320.19	145.81	1.885e+04	-143.22	-6.779e+05
92	336	-1.058e+04	-6589.00	0.05	-552.50	0.0	2.390e+04	-7008.57	44.97	1.400e+04	-1.266e+04	-1.058e+04
		-7.098e+05	-1.266e+04	-1.50e-03	0.0	92.1	2.390e+04	-7561.07	44.97	1.400e+04	-6589.00	-7.098e+05
92	357	2.278e+05	1.554e+04	0.09	-552.50	0.0	1.549e+04	-8703.35	255.80	2.478e+04	-7034.17	2.278e+05
		-4.478e+05	-7034.17	1.87e-04	0.0	92.1	1.549e+04	-9255.85	255.80	2.478e+04	1.554e+04	-4.478e+05
92	365	2.276e+05	1.568e+04	0.09	-552.50	0.0	1.546e+04	-8710.15	257.06	2.492e+04	-7009.31	2.276e+05
		-4.472e+05	-7009.31	1.53e-04	0.0	92.1	1.546e+04	-9262.65	257.06	2.492e+04	1.568e+04	-4.472e+05
92	367	8.680e+04	3596.63	0.06	-552.50	0.0	2.066e+04	-7470.55	159.19	1.952e+04	-1.212e+04	8.680e+04
		-6.064e+05	-1.212e+04	-5.55e-04	0.0	92.1	2.066e+04	-8023.05	159.19	1.952e+04	3596.63	-6.064e+05
92	368	6.983e+04	1501.26	0.06	-552.50	0.0	2.110e+04	-7491.72	125.40	1.848e+04	-1.103e+04	6.983e+04
		-6.224e+05	-1.103e+04	-9.22e-04	0.0	92.1	2.110e+04	-8044.22	125.40	1.848e+04	1501.26	-6.224e+05
92	369	2.268e+05	1.572e+04	0.09	-552.50	0.0	1.551e+04	-8702.88	257.20	2.491e+04	-6942.12	2.268e+05
		-4.487e+05	-6942.12	1.10e-04	0.0	92.1	1.551e+04	-9255.38	257.20	2.491e+04	1.572e+04	-4.487e+05
93	49	5.253e+06	7696.76	-0.22	-826.88	0.0	2.224e+05	2.060e+04	-358.58	-1.464e+05	7696.76	3.914e+06
		3.914e+06	-2.891e+04	-5.71e-04	0.0	102.1	2.224e+05	1.978e+04	-358.58	-1.464e+05	-2.891e+04	5.253e+06
93	143	1.217e+06	3.559e+04	-0.05	-826.88	0.0	6.569e+04	3630.16	-552.85	-3.644e+04	3.559e+04	1.007e+06
		-1.007e+06	-7794.27	-2.40e-04	255.72	102.1	6.569e+04	2803.28	-297.13	-3.644e+04	-7794.27	1.217e+06
93	162	8.690e+05	1.566e+04	-0.04	-612.50	0.0	4.618e+04	2538.85	-193.02	-1.874e+04	1.566e+04	7.240e+05
		7.240e+05	-4043.70	-1.64e-04	0.0	102.1	4.618e+04	1926.35	-193.02	-1.874e+04	-4043.70	8.690e+05
93	178	8.557e+05	1.570e+04	-0.04	-612.50	0.0	4.670e+04	2537.44	-193.84	-1.880e+04	1.570e+04	7.106e+05
		7.106e+05	-4084.26	-1.52e-04	0.0	102.1	4.670e+04	1924.94	-193.84	-1.880e+04	-4084.26	8.557e+05
93	231	3.351e+06	1.217e+04	-0.14	-612.50	0.0	1.356e+05	1.395e+04	-293.03	-9.132e+04	1.217e+04	2.442e+06
		2.442e+06	-1.775e+04	-4.37e-04	0.0	102.1	1.356e+05	1.334e+04	-293.03	-9.132e+04	-1.775e+04	3.351e+06
93	283	8.323e+05	2.717e+04	-0.04	-612.50	0.0	5.045e+04	2670.53	-402.06	-2.595e+04	2.717e+04	6.765e+05
		6.765e+05	-5174.61	-2.00e-04	170.48	102.1	5.045e+04	2058.03	-231.58	-2.595e+04	-5174.61	8.323e+05
93	287	8.958e+05	2.084e+04	-0.04	-612.50	0.0	4.793e+04	2662.65	-250.09	-2.251e+04	2.084e+04	7.420e+05
		7.420e+05	-4690.63	-2.17e-04	0.0	102.1	4.793e+04	2050.15	-250.09	-2.251e+04	-4690.63	8.958e+05
93	300	7.999e+05	2.334e+04	-0.03	-612.50	0.0	5.091e+04	2656.53	-270.21	-2.225e+04	2.334e+04	6.447e+05
		6.447e+05	-4240.61	-2.37e-04	0.0	102.1	5.091e+04	2044.03	-270.21	-2.225e+04	-4240.61	7.999e+05
93	310	8.940e+05	2.040e+04	-0.04	-612.50	0.0	4.822e+04	2661.77	-247.31	-2.269e+04	2.040e+04	7.402e+05
		7.402e+05	-4843.03	-1.98e-04	0.0	102.1	4.822e+04	2049.27	-247.31	-2.269e+04	-4843.03	8.940e+05
93	313	8.180e+05	2.296e+04	-0.03	-612.50	0.0	5.056e+04	2661.07	-262.89	-2.227e+04	2.296e+04	6.634e+05
		6.634e+05	-3874.14	-2.70e-04	0.0	102.1	5.056e+04	2048.57	-262.89	-2.227e+04	-3874.14	8.180e+05
93	315	1.102e+06	2.334e+04	-0.04	-612.50	0.0	5.976e+04	1848.28	-273.94	-2.152e+04	2.334e+04	1.001e+06
		1.001e+06	-4627.25	-2.51e-04	0.0	102.1	5.976e+04	1235.78	-273.94	-2.152e+04	-4627.25	1.102e+06
93	316	2.730e+06	1.481e+04	-0.11	-612.50	0.0	1.140e+05	1.113e+04	-281.59	-7.397e+04	1.481e+04	2.010e+06
		2.010e+06	-1.394e+04	-4.20e-04	0.0	102.1	1.140e+05	1.052e+04	-281.59	-7.397e+04	-1.394e+04	2.730e+06
93	324	8.912e+05	2.093e+04	-0.04	-612.50	0.0	4.837e+04	2665.36	-246.74	-2.253e+04	2.093e+04	7.377e+05
		7.377e+05	-4256.69	-2.50e-04	0.0	102.1	4.837e+04	2052.86	-246.74	-2.253e+04	-4256.69	8.912e+05
93	332	1.049e+06	1.660e+04	-0.04	-612.50	0.0	3.890e+04	2321.54	-204.52	-2.725e+04	1.660e+04	8.719e+05
		8.719e+05	-4237.61	2.26e-04	0.0	102.1	3.890e+04	1709.04	-204.52	-2.725e+04	-4237.61	1.049e+06
93	337	7.336e+05	2.527e+04	-0.03	-612.50	0.0	5.796e+04	3013.89	-288.29	-1.778e+04	2.527e+04	6.033e+05
		6.033e+05	-4207.49	-4.55e-04	0.0	102.1	5.796e+04	2401.39	-288.29	-1.778e+04	-4207.49	7.336e+05
93	340	1.049e+06	1.660e+04	-0.04	-612.50	0.0	3.878e+04	2316.84	-205.19	-2.727e+04	1.660e+04	8.720e+05
		8.720e+05	-4305.88	2.06e-04	0.0	102.1	3.878e+04	1704.34	-205.19	-2.727e+04	-4305.88	1.049e+06
93	350	8.670e+05	1.823e+04	-0.03	-612.50	0.0	4.760e+04	2676.06	-268.22	-2.335e+04	1.823e+04	7.251e+05
		7.251e+05	-9069.38	9.70e-04	0.0	102.1	4.760e+04	2063.56	-268.22	-2.335e+04	-9069.38	8.670e+05
93	353	8.247e+05	2.557e+04	-0.03	-612.50	0.0	5.426e+04	2847.10	-251.84	-1.923e+04	2.557e+04	6.742e+05
		6.742e+05	-228.78	-1.15e-03	0.0	102.1	5.426e+04	2234.60	-251.84	-1.923e+04	-228.78	8.247e+05
93	364	9.722e+05	1.875e+04	-0.04	-612.50	0.0	4.358e+04	2491.26	-225.34	-2.492e+04	1.875e+04	8.067e+05
		8.067e+05	-4233.03	-1.60e-04	0.0	102.1	4.358e+04	1878.76	-225.34	-2.492e+04	-4233.03	9.722e+05
93	369	8.102e+05	2.311e+04	-0.03	-612.50	0.0	5.322e+04	2841.78	-267.81	-2.012e+04	2.311e+04	6.686e+05
		6.686e+05	-4246.63	-3.47e-04	0.0	102.1	5.322e+04	2229.28	-267.81	-2.012e+04	-4246.63	8.102e+05
93	372	9.722e+05	1.875e+04	-0.04	-612.50	0.0	4.352e+04	2488.94	-225.67	-2.494e+04	1.875e+04	8.067e+05
		8.067e+05	-4266.74	-1.64e-04	0.0	102.1	4.352e+04	1876.44	-225.67	-2.494e+04	-4266.74	9.722e+05
93	382	8.785e+05	1.960e+04	-0.04	-612.50	0.0	4.801e+04	2671.82	-257.55	-2.293e+04	1.960e+04	7.308e+05
		7.308e+05	-6652.73	4.35e-04	0.0	102.1	4.801e+04	2059.32	-257.55	-2.293e+04	-6652.73	8.785e+05
93	385	8.573e+05	2.325e+04	-0.04	-612.50	0.0	5.132e+04	2756.50	-249.40	-2.087e+04	2.325e+04	7.054e+05
		7.054e+05	-2259.23	-6.19e-04	0.0	102.1	5.132e+04	2144.00	-249.40	-2.087e+04	-2259.23	8.573e+05
94	41	9.579e+05	1.263e+05	-0.22	-745.88	0.0	3.489e+04	3.271e+04	-1720.82	-1.271e+05	1.263e+05	-1.498e+06
		-1.498e+06	-3.220e+04	1.22e-03	0.0	92.1	3.489e+04	3.196e+04	-1720.82	-1.271e+05	-3.220e+04	9.579e+05
94	49	9.034e+05	1.315e+05	-0.42	-745.88	0.0	4.416e+04	3.420e+04	-1635.65	-1.598e+05	1.315e+05	-1.669e+06
		-1.669e+06	-1.915e+04	2.03e-03	0.0	92.1	4.416e+04	3.346e+04	-1635.65	-1.598e+05	-1.915e+04	9.034e+05
94	164	1.513e+05	2221.29	-0.07	-552.50	0.0	1.329e+04	8324.58	-119.33	-1.678e+04	2221.29	5.085e+05
		-5.085e+05	-8766.85	6.65e-04	0.0	92.1	1.329e+04	7772.08	-119.33	-1.678e+04	-8766.85	1.513e+05
94	227	6.243e+05	6.731e+04	-0.12	-552.50	0.0	1.749e+04	1.918e+04	-960.02	-5.870e+04	6.731e+04	-7.807e+05
		-7.807e+05	-2.109e+04	4.77e-04	0.0	92.1	1.749e+04	1.862e+04	-960.02	-5.870e+04	-2.109e+04	6.243e+05
94	231	5.839e+05	7.116e+04	-0.26	-552.50	0.0	2.437e+04	2.029e+04	-896.93	-8.291e+04	7.116e+04	-9.077e+05
		-9.077e+05	-1.143e+04	1.08e-03	0.0	92.1	2.437e+04	1.973e+04	-896.93	-8.291e+04	-1.143e+04	5.839e+05
94	270	1.722e+05	2.653e+04	-0.11	-552.50	0.0	2.509e+04	1.381e+04	-486.60	-5.782e+04	2.653e+04	-9.805e+05
		-9.805e+05	-1.403e+04	1.38e-03	92.27	92.1	2.509e+04	1.326e+04	-394.33	-5.782e+04	-1.403e+04	1.722e+05
94	288	1.550e+05	7100.84	-0.08	-552.50	0.0	1.387e+04	8654.23	-180.82	-2.165e+04	7100.84	-5.321e+05
		-5.321e+05	-9549.72	5.89e-04	0.0	92.1	1.387e+04	8101.73	-180.82	-2.165e+04	-9549.72	1.550e+05
94	309	1.492e+05	5726.34	-0.08	-552.50	0.0	1.412e+04	8682.06	-165.65	-2.178e+04	5726.34	-5.424e+05

		-5.424e+05	-9527.18	4.24e-04	0.0	92.1	1.412e+04	8129.56	-165.65	-2.178e+04	-9527.18	1.492e+05
94	315	5.033e+05	5.088e+04	-0.11	-552.50	0.0	1.672e+04	1.656e+04	-749.84	-4.935e+04	5.088e+04	-7.239e+05
		-7.239e+05	-1.817e+04	2.97e-04	0.0	92.1	1.672e+04	1.601e+04	-749.84	-4.935e+04	-1.817e+04	5.033e+05
94	316	4.731e+05	5.377e+04	-0.22	-552.50	0.0	2.188e+04	1.739e+04	-702.52	-6.750e+04	5.377e+04	-8.192e+05
		-8.192e+05	-1.092e+04	7.46e-04	0.0	92.1	2.188e+04	1.684e+04	-702.52	-6.750e+04	-1.092e+04	4.731e+05
94	324	1.492e+05	5726.34	-0.08	-552.50	0.0	1.412e+04	8682.06	-165.65	-2.178e+04	5726.34	-5.424e+05
		-5.424e+05	-9527.18	4.24e-04	0.0	92.1	1.412e+04	8129.56	-165.65	-2.178e+04	-9527.18	1.492e+05
94	326	3.544e+04	-2290.42	-0.06	-552.50	0.0	1.787e+04	7955.35	-119.61	-2.036e+04	-2290.42	-6.667e+05
		-6.667e+05	-1.406e+04	1.75e-03	0.0	92.1	1.787e+04	7402.85	-119.61	-2.036e+04	-1.406e+04	3.544e+04
94	338	3.438e+04	-2953.89	-0.06	-552.50	0.0	1.798e+04	7972.02	-112.37	-2.006e+04	-2953.89	-6.708e+05
		-6.708e+05	-1.399e+04	1.43e-03	0.0	92.1	1.798e+04	7419.52	-112.37	-2.006e+04	-1.399e+04	3.438e+04
94	339	2.640e+05	1.441e+04	-0.09	-552.50	0.0	1.027e+04	9392.10	-218.92	-2.350e+04	1.441e+04	-4.141e+05
		-4.141e+05	-5063.59	-5.83e-04	0.0	92.1	1.027e+04	8839.60	-218.92	-2.350e+04	-5063.59	2.640e+05
94	340	2.379e+05	1.673e+04	-0.09	-552.50	0.0	1.054e+04	9231.65	-251.70	-2.523e+04	1.673e+04	-4.275e+05
		-4.275e+05	-5817.70	7.63e-04	0.0	92.1	1.054e+04	8679.15	-251.70	-2.523e+04	-5817.70	2.379e+05
94	358	9.196e+04	1826.59	-0.07	-552.50	0.0	1.601e+04	8308.81	-143.78	-2.118e+04	1826.59	-6.047e+05
		-6.047e+05	-1.180e+04	1.03e-03	0.0	92.1	1.601e+04	7756.31	-143.78	-2.118e+04	-1.180e+04	9.196e+04
94	368	1.943e+05	1.130e+04	-0.08	-552.50	0.0	1.231e+04	8949.31	-210.09	-2.379e+04	1.130e+04	-4.837e+05
		-4.837e+05	-7706.02	4.20e-04	0.0	92.1	1.231e+04	8396.81	-210.09	-2.379e+04	-7706.02	1.943e+05
94	370	9.143e+04	1356.71	-0.07	-552.50	0.0	1.606e+04	8320.83	-138.56	-2.089e+04	1356.71	-6.067e+05
		-6.067e+05	-1.176e+04	9.26e-04	0.0	92.1	1.606e+04	7768.33	-138.56	-2.089e+04	-1.176e+04	9.143e+04
94	371	2.069e+05	1.010e+04	-0.08	-552.50	0.0	1.219e+04	9043.29	-192.74	-2.266e+04	1.010e+04	-4.782e+05
		-4.782e+05	-7295.55	-7.85e-05	0.0	92.1	1.219e+04	8490.79	-192.74	-2.266e+04	-7295.55	2.069e+05
95	47	3.717e+06	2696.91	-0.15	-826.88	0.0	1.570e+05	1.433e+04	541.65	3.686e+04	-5.260e+04	2.774e+06
		2.774e+06	-5.260e+04	7.90e-04	0.0	102.1	1.570e+05	1.350e+04	541.65	3.686e+04	2696.91	3.717e+06
95	49	4.845e+06	1866.84	-0.20	-826.88	0.0	2.030e+05	1.895e+04	710.03	4.068e+04	-7.062e+04	3.585e+06
		3.585e+06	-7.062e+04	1.11e-03	0.0	102.1	2.030e+05	1.812e+04	710.03	4.068e+04	1866.84	4.845e+06
95	164	8.607e+05	267.79	-0.04	-612.50	0.0	4.587e+04	2271.53	45.51	4838.66	-4377.59	7.338e+05
		7.338e+05	-4377.59	6.81e-05	0.0	102.1	4.587e+04	1659.03	45.51	4838.66	267.79	7.338e+05
95	178	8.430e+05	332.15	-0.03	-612.50	0.0	4.639e+04	2271.05	44.51	4876.93	-4211.36	7.162e+05
		7.162e+05	-4211.36	6.87e-05	0.0	102.1	4.639e+04	1658.55	44.51	4876.93	332.15	8.430e+05
95	231	3.143e+06	4105.40	-0.13	-612.50	0.0	1.269e+05	1.270e+04	519.76	4.081e+04	-4.895e+04	2.303e+06
		2.303e+06	-4.895e+04	6.76e-04	0.0	102.1	1.269e+05	1.208e+04	519.76	4.081e+04	4105.40	3.143e+06
95	288	8.794e+05	364.88	-0.04	-612.50	0.0	4.727e+04	2289.79	40.59	4430.83	-3778.43	7.527e+05
		7.527e+05	-3778.43	4.93e-05	0.0	102.1	4.727e+04	1677.29	40.59	4430.83	364.88	8.794e+05
95	300	7.887e+05	993.91	-0.03	-612.50	0.0	5.001e+04	2286.89	32.38	4671.67	-2311.87	6.618e+05
		6.618e+05	-2311.87	2.01e-05	0.0	102.1	5.001e+04	1674.39	32.38	4671.67	993.91	7.887e+05
95	310	8.728e+05	278.49	-0.04	-612.50	0.0	4.755e+04	2289.77	42.02	4292.46	-4011.35	7.460e+05
		7.460e+05	-4011.35	6.13e-05	0.0	102.1	4.755e+04	1677.27	42.02	4292.46	278.49	8.728e+05
95	313	8.052e+05	1370.85	-0.03	-612.50	0.0	4.958e+04	2286.97	39.26	4633.87	-2636.73	6.786e+05
		6.786e+05	-2636.73	-7.19e-05	0.0	102.1	4.958e+04	1674.47	39.26	4633.87	1370.85	8.052e+05
95	316	2.570e+06	3769.36	-0.11	-612.50	0.0	1.072e+05	1.009e+04	403.62	3.185e+04	-3.743e+04	1.908e+06
		1.908e+06	-3.743e+04	4.69e-04	0.0	102.1	1.072e+05	9480.76	403.62	3.185e+04	3769.36	2.570e+06
95	324	8.719e+05	899.11	-0.04	-612.50	0.0	4.757e+04	2289.08	45.39	4455.78	-3734.37	7.453e+05
		7.453e+05	-3734.37	-6.42e-05	0.0	102.1	4.757e+04	1676.58	45.39	4455.78	899.11	8.719e+05
95	332	1.019e+06	-119.46	-0.04	-612.50	0.0	3.887e+04	2510.92	53.96	2591.85	-5681.45	8.750e+05
		8.750e+05	-5681.45	2.50e-04	0.0	102.1	3.887e+04	1898.42	53.96	2591.85	-119.46	1.019e+06
95	337	7.247e+05	2648.95	-0.03	-612.50	0.0	5.631e+04	2068.24	70.84	6301.16	-4564.12	6.156e+05
		6.156e+05	-4564.12	-3.63e-04	0.0	102.1	5.631e+04	1455.74	70.84	6301.16	2648.95	7.247e+05
95	340	1.019e+06	-850.73	-0.04	-612.50	0.0	3.883e+04	2509.91	19.94	2610.41	-2904.62	8.750e+05
		8.750e+05	-2904.62	2.34e-04	0.0	102.1	3.883e+04	1897.41	19.94	2610.41	-850.73	1.019e+06
95	353	8.214e+05	5510.56	-0.03	-612.50	0.0	5.092e+04	2204.54	75.37	6711.25	-2070.49	7.008e+05
		7.008e+05	-2070.49	-1.14e-03	0.0	102.1	5.092e+04	1592.04	75.37	6711.25	5510.56	8.214e+05
95	354	8.353e+05	-3470.76	-0.03	-612.50	0.0	4.932e+04	2244.73	26.25	2970.91	-6274.45	7.131e+05
		7.131e+05	-6274.45	1.02e-03	0.0	102.1	4.932e+04	1632.23	26.25	2970.91	-3470.76	8.353e+05
95	364	9.475e+05	397.11	-0.04	-612.50	0.0	4.317e+04	2401.62	49.87	3514.90	-4719.63	8.120e+05
		8.120e+05	-4719.63	1.01e-04	0.0	102.1	4.317e+04	1789.12	49.87	3514.90	397.11	9.475e+05
95	365	7.963e+05	1461.65	-0.03	-612.50	0.0	5.195e+04	2174.60	58.45	5604.77	-4255.24	6.784e+05
		6.784e+05	-4255.24	-1.36e-04	0.0	102.1	5.195e+04	1562.10	58.45	5604.77	1461.65	7.963e+05
95	369	7.962e+05	1772.64	-0.03	-612.50	0.0	5.199e+04	2177.03	58.24	5387.40	-4163.05	6.786e+05
		6.786e+05	-4163.05	-2.13e-04	0.0	102.1	5.199e+04	1564.53	58.24	5387.40	1772.64	7.962e+05
95	372	9.475e+05	25.57	-0.04	-612.50	0.0	4.314e+04	2401.13	32.54	3524.17	-3305.68	8.121e+05
		8.121e+05	-3305.68	8.76e-05	0.0	102.1	4.314e+04	1788.63	32.54	3524.17	25.57	9.475e+05
95	385	8.460e+05	3192.11	-0.03	-612.50	0.0	4.926e+04	2246.41	60.35	5585.32	-2912.59	7.225e+05
		7.225e+05	-2912.59	-5.97e-04	0.0	102.1	4.926e+04	1633.91	60.35	5585.32	3192.11	8.460e+05
95	386	8.529e+05	-1271.50	-0.03	-612.50	0.0	4.846e+04	2266.31	35.94	3717.08	-5001.34	7.287e+05
		7.287e+05	-5001.34	4.77e-04	0.0	102.1	4.846e+04	1653.81	35.94	3717.08	-1271.50	8.529e+05
96	41	8.925e+05	5.094e+04	-0.20	-745.88	0.0	3.292e+04	2.902e+04	-196.28	-6887.57	5.094e+04	-1.313e+06
		-1.313e+06	3.286e+04	-5.72e-04	0.0	92.1	3.292e+04	2.827e+04	-196.28	-6887.57	3.286e+04	8.925e+05
96	49	8.546e+05	2.009e+05	-0.38	-745.88	0.0	4.103e+04	3.046e+04	-1980.51	-1.128e+05	2.009e+05	-1.477e+06
		-1.477e+06	1.855e+04	-1.70e-03	0.0	92.1	4.103e+04	2.972e+04	-1980.51	-1.128e+05	1.855e+04	8.546e+05
96	162	1.445e+05	2.650e+04	-0.07	-552.50	0.0	1.331e+04	7917.18	-241.22	5412.27	2.650e+04	-4.961e+05
		-4.961e+05	4284.84	-2.35e-04	0.0	92.1	1.331e+04	7364.68	-241.22	5412.27	4284.84	1.445e+05
96	164	1.477e+05	2.706e+04	-0.07	-552.50	0.0	1.319e+04	7919.36	-246.37	5024.18	2.706e+04	-4.913e+05
		-4.913e+05	4370.19	-2.25e-04	0.0	92.1	1.319e+04	7366.86	-246.37	5024.18	4370.19	1.477e+05
96	227	5.753e+05	1.945e+04	-0.11	-552.50	0.0	1.730e+04	1.722e+04	364.17	2.577e+04	-1.409e+04	-7.019e+05
		-7.019e+05	-1.409e+04	3.06e-04	0.0	92.1	1.730e+04	1.667e+04	364.17	2.577e+04	1.945e+04	5.753e+05

96	231	5.472e+05	9.702e+04	-0.25	-552.50	0.0	2.331e+04	1.830e+04	-957.49	-5.271e+04	9.702e+04	-8.238e+05
		-8.238e+05	8850.77	7.77e-04	0.0	92.1	2.331e+04	1.774e+04	-957.49	-5.271e+04	8850.77	5.472e+05
96	270	1.659e+05	9.350e+04	-0.10	-552.50	0.0	2.365e+04	1.249e+04	-897.80	-2.683e+04	9.350e+04	-9.014e+05
		-9.014e+05	1.083e+04	-9.01e-04	0.0	92.1	2.365e+04	1.194e+04	-897.80	-2.683e+04	1.083e+04	1.659e+05
96	288	1.452e+05	2.866e+04	-0.07	-552.50	0.0	1.376e+04	8103.78	-262.17	3908.31	2.866e+04	-5.131e+05
		-5.131e+05	4521.07	-2.78e-04	0.0	92.1	1.376e+04	7551.28	-262.17	3908.31	4521.07	1.452e+05
96	309	1.369e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8127.61	-253.66	3482.53	2.793e+04	-5.283e+05
		-5.283e+05	4570.74	-3.49e-04	0.0	92.1	1.413e+04	7575.11	-253.66	3482.53	4570.74	1.369e+05
96	315	4.610e+05	1.563e+04	-0.10	-552.50	0.0	1.670e+04	1.496e+04	226.70	2.012e+04	-5242.97	-6.662e+05
		-6.662e+05	-5242.97	-8.27e-05	0.0	92.1	1.670e+04	1.441e+04	226.70	2.012e+04	1.563e+04	4.610e+05
96	316	4.400e+05	7.809e+04	-0.20	-552.50	0.0	2.121e+04	1.576e+04	-764.55	-3.874e+04	7.809e+04	-7.577e+05
		-7.577e+05	7683.90	-6.88e-04	0.0	92.1	2.121e+04	1.521e+04	-764.55	-3.874e+04	7683.90	4.400e+05
96	324	1.369e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8127.61	-253.66	3482.53	2.793e+04	-5.283e+05
		-5.283e+05	4570.74	-3.49e-04	0.0	92.1	1.413e+04	7575.11	-253.66	3482.53	4570.74	1.369e+05
96	337	4.057e+04	3.195e+04	-0.06	-552.50	0.0	1.782e+04	8705.68	-281.63	6517.68	3.195e+04	-6.463e+05
		-6.463e+05	6211.27	-1.08e-03	0.0	92.1	1.782e+04	8153.18	-281.63	6517.68	6211.27	4.057e+04
96	340	2.332e+05	2.390e+04	-0.09	-552.50	0.0	1.044e+04	7549.55	-225.69	447.38	2.390e+04	-4.102e+05
		-4.102e+05	2930.21	9.53e-04	0.0	92.1	1.044e+04	6997.05	-225.69	447.38	2930.21	2.332e+05
96	350	1.146e+05	4.908e+04	-0.07	-552.50	0.0	1.495e+04	8277.81	-481.76	1246.36	4.908e+04	-5.573e+05
		-5.573e+05	4097.23	2.03e-03	0.0	92.1	1.495e+04	7725.31	-481.76	1246.36	4097.23	1.146e+05
96	369	8.837e+04	2.997e+04	-0.07	-552.50	0.0	1.598e+04	8421.98	-267.90	5008.09	2.997e+04	-5.874e+05
		-5.874e+05	5390.68	-6.63e-04	0.0	92.1	1.598e+04	7869.48	-267.90	5008.09	5390.68	8.837e+04
96	372	1.854e+05	2.589e+04	-0.08	-552.50	0.0	1.229e+04	7833.25	-239.42	1956.97	2.589e+04	-4.692e+05
		-4.692e+05	3750.80	4.42e-04	0.0	92.1	1.229e+04	7280.75	-239.42	1956.97	3750.80	1.854e+05
96	382	1.256e+05	3.846e+04	-0.07	-552.50	0.0	1.455e+04	8204.39	-367.21	2351.70	3.846e+04	-5.428e+05
		-5.428e+05	4339.37	9.75e-04	0.0	92.1	1.455e+04	7651.89	-367.21	2351.70	4339.37	1.256e+05
97	49	4.374e+06	8.634e+04	-0.18	-826.88	0.0	1.856e+05	1.557e+04	-1179.26	-1.571e+05	8.634e+04	3.353e+06
		3.353e+06	-3.404e+04	2.10e-03	0.0	102.1	1.856e+05	1.474e+04	-1179.26	-1.571e+05	-3.404e+04	4.374e+06
97	126	8.580e+05	3542.93	-0.04	-612.50	0.0	4.593e+04	2269.45	-55.65	-5330.81	3542.93	7.317e+05
		7.317e+05	-2137.91	2.56e-04	0.0	102.1	4.593e+04	1656.95	-55.65	-5330.81	-2137.91	8.580e+05
97	140	8.409e+05	3659.05	-0.03	-612.50	0.0	4.640e+04	2269.27	-56.16	-5348.20	3659.05	7.147e+05
		7.147e+05	-2073.83	2.58e-04	0.0	102.1	4.640e+04	1656.77	-56.16	-5348.20	-2073.83	8.409e+05
97	231	2.914e+06	5.678e+04	-0.12	-612.50	0.0	1.196e+05	1.087e+04	-755.70	-9.680e+04	5.678e+04	2.199e+06
		2.199e+06	-2.036e+04	1.23e-03	0.0	102.1	1.196e+05	1.026e+04	-755.70	-9.680e+04	-2.036e+04	2.914e+06
97	269	8.776e+05	3224.46	-0.04	-612.50	0.0	4.731e+04	2288.41	-47.32	-4757.48	3224.46	7.512e+05
		7.512e+05	-1606.12	1.79e-04	0.0	102.1	4.731e+04	1675.91	-47.32	-4757.48	-1606.12	8.776e+05
97	281	7.933e+05	4435.07	-0.03	-612.50	0.0	4.961e+04	2287.99	-53.04	-4807.78	4435.07	6.675e+05
		6.675e+05	-979.32	1.47e-04	0.0	102.1	4.961e+04	1675.49	-53.04	-4807.78	-979.32	7.933e+05
97	313	8.101e+05	4644.62	-0.03	-612.50	0.0	4.925e+04	2288.83	-49.70	-4490.97	4644.62	6.840e+05
		6.840e+05	-428.99	4.06e-05	0.0	102.1	4.925e+04	1676.33	-49.70	-4490.97	-428.99	8.101e+05
97	316	2.400e+06	4.372e+04	-0.10	-612.50	0.0	1.017e+05	8725.65	-575.53	-7.360e+04	4.372e+04	1.832e+06
		1.832e+06	-1.503e+04	8.61e-04	0.0	102.1	1.017e+05	8113.15	-575.53	-7.360e+04	-1.503e+04	2.400e+06
97	318	8.538e+05	3573.30	-0.03	-612.50	0.0	4.754e+04	2251.56	-43.14	-4082.07	3573.30	7.297e+05
		7.297e+05	-830.60	-2.94e-05	0.0	102.1	4.754e+04	1639.06	-43.14	-4082.07	-830.60	8.538e+05
97	324	8.719e+05	3734.37	-0.04	-612.50	0.0	4.757e+04	2289.08	-45.39	-4455.78	3734.37	7.453e+05
		7.453e+05	-899.11	6.42e-05	0.0	102.1	4.757e+04	1676.58	-45.39	-4455.78	-899.11	8.719e+05
97	330	7.247e+05	4564.12	-0.03	-612.50	0.0	5.631e+04	2068.24	-70.84	-6301.16	4564.12	6.156e+05
		6.156e+05	-2648.95	3.63e-04	0.0	102.1	5.631e+04	1455.74	-70.84	-6301.16	-2648.95	7.247e+05
97	331	1.019e+06	2904.61	-0.04	-612.50	0.0	3.883e+04	2509.91	-19.94	-2610.41	2904.61	8.750e+05
		8.750e+05	850.73	-2.34e-04	0.0	102.1	3.883e+04	1897.41	-19.94	-2610.41	850.73	1.019e+06
97	339	1.019e+06	5681.45	-0.04	-612.50	0.0	3.887e+04	2510.92	-53.96	-2591.85	5681.45	8.750e+05
		8.750e+05	119.46	-2.50e-04	0.0	102.1	3.887e+04	1898.42	-53.96	-2591.85	119.46	1.019e+06
97	349	8.353e+05	6274.43	-0.03	-612.50	0.0	4.932e+04	2244.73	-26.25	-2970.91	6274.43	7.131e+05
		7.131e+05	3470.76	-1.02e-03	0.0	102.1	4.932e+04	1632.23	-26.25	-2970.91	3470.76	8.353e+05
97	350	8.214e+05	2070.51	-0.03	-612.50	0.0	5.092e+04	2204.54	-75.37	-6711.25	2070.51	7.008e+05
		7.008e+05	-5510.56	1.14e-03	0.0	102.1	5.092e+04	1592.04	-75.37	-6711.25	-5510.56	8.214e+05
97	358	7.963e+05	4255.24	-0.03	-612.50	0.0	5.195e+04	2174.60	-58.45	-5604.77	4255.24	6.784e+05
		6.784e+05	-1461.65	1.36e-04	0.0	102.1	5.195e+04	1562.10	-58.45	-5604.77	-1461.65	7.963e+05
97	362	7.962e+05	4163.06	-0.03	-612.50	0.0	5.199e+04	2177.03	-58.24	-5387.40	4163.06	6.786e+05
		6.786e+05	-1772.64	2.13e-04	0.0	102.1	5.199e+04	1564.53	-58.24	-5387.40	-1772.64	7.962e+05
97	363	9.475e+05	3305.68	-0.04	-612.50	0.0	4.314e+04	2401.13	-32.54	-3524.17	3305.68	8.121e+05
		8.121e+05	-25.57	-8.76e-05	0.0	102.1	4.314e+04	1788.63	-32.54	-3524.17	-25.57	9.475e+05
97	371	9.475e+05	4719.62	-0.04	-612.50	0.0	4.317e+04	2401.62	-49.87	-3514.90	4719.62	8.120e+05
		8.120e+05	-397.11	-1.01e-04	0.0	102.1	4.317e+04	1789.12	-49.87	-3514.90	-397.11	9.475e+05
97	381	8.529e+05	5001.34	-0.03	-612.50	0.0	4.846e+04	2266.31	-35.94	-3717.08	5001.34	7.287e+05
		7.287e+05	1271.50	-4.77e-04	0.0	102.1	4.846e+04	1653.81	-35.94	-3717.08	1271.50	8.529e+05
97	382	8.460e+05	2912.60	-0.03	-612.50	0.0	4.926e+04	2246.41	-60.35	-5585.32	2912.60	7.225e+05
		7.225e+05	-3192.11	5.97e-04	0.0	102.1	4.926e+04	1633.91	-60.35	-5585.32	-3192.11	8.460e+05
98	42	6.983e+05	1.291e+05	-0.15	-552.50	0.0	2.399e+04	2.176e+04	-1654.31	-1.207e+05	1.291e+05	-9.306e+05
		-9.306e+05	-2.320e+04	9.21e-04	0.0	92.1	2.399e+04	2.121e+04	-1654.31	-1.207e+05	-2.320e+04	6.983e+05
98	49	7.815e+05	1.052e+05	-0.35	-745.88	0.0	3.653e+04	2.721e+04	-1153.55	-1.326e+05	1.052e+05	-1.280e+06
		-1.280e+06	-1021.00	1.91e-03	0.0	92.1	3.653e+04	2.646e+04	-1153.55	-1.326e+05	-1021.00	7.815e+05
98	126	1.483e+05	-3640.24	-0.07	-552.50	0.0	1.313e+04	7914.57	145.33	-4482.00	-1.702e+04	-4.873e+05
		-4.873e+05	-1.702e+04	4.88e-04	0.0	92.1	1.313e+04	7362.07	145.33	-4482.00	-3640.24	1.483e+05
98	205	1.850e+05	-6189.65	-0.10	-745.88	0.0	1.914e+04	1.100e+04	345.49	-4566.15	-3.800e+04	-7.153e+05
		-7.153e+05	-3.800e+04	4.75e-04	0.0	92.1	1.914e+04	1.025e+04	345.49	-4566.15	-6189.65	1.850e+05
98	227	5.036e+05	5.013e+04	-0.11	-552.50	0.0	1.660e+04	1.555e+04	-749.98	-4.862e+04	5.013e+04	-6.512e+05

		-6.512e+05	-1.893e+04	5.48e-04	0.0	92.1	1.660e+04	1.500e+04	-749.98	-4.862e+04	-1.893e+04	5.036e+05
98	231	5.283e+05	4.134e+04	-0.23	-552.50	0.0	2.189e+04	1.733e+04	-462.08	-5.730e+04	4.134e+04	-7.606e+05
		-7.606e+05	-1207.17	1.26e-03	0.0	92.1	2.189e+04	1.678e+04	-462.08	-5.730e+04	-1207.17	5.283e+05
98	243	5.965e+04	-6211.97	-0.06	-552.50	0.0	1.746e+04	8268.60	396.17	-2854.68	-4.269e+04	-6.678e+05
		-6.678e+05	-4.269e+04	5.05e-04	0.0	92.1	1.746e+04	7716.10	396.17	-2854.68	-6211.97	5.965e+04
98	269	1.456e+05	-4036.59	-0.07	-552.50	0.0	1.372e+04	8100.60	195.11	-3548.46	-2.200e+04	-5.104e+05
		-5.104e+05	-2.200e+04	4.35e-04	0.0	92.1	1.372e+04	7548.10	195.11	-3548.46	-4036.59	1.456e+05
98	289	1.310e+05	829.57	-0.09	-552.50	0.0	2.169e+04	1.104e+04	-63.86	-4.467e+04	829.57	-8.156e+05
		-8.156e+05	-5050.54	3.55e-04	0.0	92.1	2.169e+04	1.049e+04	-63.86	-4.467e+04	-5050.54	1.310e+05
98	310	1.371e+05	-4328.50	-0.07	-552.50	0.0	1.411e+04	8126.02	220.13	-3302.61	-2.460e+04	-5.269e+05
		-5.269e+05	-2.460e+04	4.33e-04	0.0	92.1	1.411e+04	7573.52	220.13	-3302.61	-4328.50	1.371e+05
98	315	4.070e+05	2.728e+04	-0.10	-552.50	0.0	1.621e+04	1.371e+04	-465.76	-3.753e+04	2.728e+04	-6.407e+05
		-6.302e+05	-1.561e+04	2.56e-04	0.0	92.1	1.621e+04	1.315e+04	-465.76	-3.753e+04	-1.561e+04	4.070e+05
98	316	4.255e+05	2.069e+04	-0.19	-552.50	0.0	2.018e+04	1.504e+04	-249.84	-4.404e+04	2.069e+04	-7.123e+05
		-7.123e+05	-2314.55	7.93e-04	0.0	92.1	2.018e+04	1.449e+04	-249.84	-4.404e+04	-2314.55	4.255e+05
98	319	7.400e+04	-6068.15	-0.07	-552.50	0.0	1.685e+04	8244.09	393.85	-3204.99	-4.234e+04	-6.427e+05
		-6.427e+05	-4.234e+04	4.27e-04	0.0	92.1	1.685e+04	7691.59	393.85	-3204.99	-6068.15	7.400e+04
98	324	1.369e+05	-4570.74	-0.07	-552.50	0.0	1.413e+04	8127.61	253.66	-3482.53	-2.793e+04	-5.283e+05
		-5.283e+05	-2.793e+04	3.49e-04	0.0	92.1	1.413e+04	7575.11	253.66	-3482.53	-4570.74	1.369e+05
98	330	4.057e+04	-6211.28	-0.06	-552.50	0.0	1.782e+04	8705.68	281.63	-6517.68	-3.195e+04	-6.407e+05
		-6.463e+05	-3.195e+04	1.08e-03	0.0	92.1	1.782e+04	8153.18	281.63	-6517.68	-6211.28	4.057e+04
98	331	2.332e+05	-2930.21	-0.09	-552.50	0.0	1.044e+04	7549.55	225.69	-447.38	-2.390e+04	-4.102e+05
		-4.102e+05	-2.390e+04	-9.53e-04	0.0	92.1	1.044e+04	6997.05	225.69	-447.38	-2930.21	2.332e+05
98	353	1.146e+05	-4097.21	-0.07	-552.50	0.0	1.495e+04	8277.81	481.76	-1246.36	-4.908e+04	-5.573e+05
		-5.573e+05	-4.908e+04	-2.03e-03	0.0	92.1	1.495e+04	7725.31	481.76	-1246.36	-4097.21	1.146e+05
98	362	8.837e+04	-5390.68	-0.07	-552.50	0.0	1.598e+04	8421.98	267.90	-5008.09	-2.997e+04	-5.874e+05
		-5.874e+05	-2.997e+04	6.63e-04	0.0	92.1	1.598e+04	7869.48	267.90	-5008.09	-5390.68	8.837e+04
98	363	1.854e+05	-3750.80	-0.08	-552.50	0.0	1.229e+04	7833.25	239.42	-1956.97	-2.589e+04	-4.692e+05
		-4.692e+05	-2.589e+04	-4.42e-04	0.0	92.1	1.229e+04	7280.75	239.42	-1956.97	-3750.80	1.854e+05
98	385	1.256e+05	-4339.36	-0.07	-552.50	0.0	1.455e+04	8204.39	367.21	-2351.70	-3.846e+04	-5.428e+05
		-5.428e+05	-3.846e+04	-9.75e-04	0.0	92.1	1.455e+04	7651.89	367.21	-2351.70	-4339.36	1.256e+05
101	60	2.871e+06	8.235e+04	2.84e-03	0.0	0.0	3.589e+04	-3.033e+04	2058.69	-1.647e+05	0.0	-2.871e+06
		-4.085e+06	0.0	-9.65e-05	0.0	40.0	3.589e+04	-3.033e+04	2058.69	-1.647e+05	8.235e+04	-4.085e+06
101	122	-2.521e+06	5715.64	5.83e-04	0.0	0.0	3.151e+04	-1.146e+04	142.89	-1.143e+04	0.0	-2.521e+06
		-2.979e+06	0.0	0.0	0.0	40.0	3.151e+04	-1.146e+04	142.89	-1.143e+04	5715.64	-2.979e+06
101	187	-6.148e+06	0.0	6.29e-03	0.0	0.0	7.685e+04	-1.876e+04	-3375.88	2.701e+05	0.0	-6.148e+06
		-6.898e+06	-1.350e+05	6.46e-05	0.0	40.0	7.685e+04	-1.876e+04	-3375.88	2.701e+05	-1.350e+05	-6.898e+06
101	235	-2.668e+06	7.743e+04	2.62e-03	0.0	0.0	3.335e+04	-2.980e+04	1935.83	-1.549e+05	0.0	-2.668e+06
		-3.860e+06	0.0	-9.57e-05	0.0	40.0	3.335e+04	-2.980e+04	1935.83	-1.549e+05	7.743e+04	-3.860e+06
101	236	-2.659e+06	6.029e+04	2.07e-03	0.0	0.0	3.324e+04	-2.537e+04	1507.16	-1.206e+05	0.0	-2.659e+06
		-3.674e+06	0.0	-7.18e-05	0.0	40.0	3.324e+04	-2.537e+04	1507.16	-1.206e+05	6.029e+04	-3.674e+06
101	289	-4.184e+06	0.0	-1.97e-03	0.0	0.0	5.230e+04	-1.385e+04	-2053.35	1.643e+05	0.0	-4.184e+06
		-4.738e+06	-8.213e+04	-7.50e-06	0.0	40.0	5.230e+04	-1.385e+04	-2053.35	1.643e+05	-8.213e+04	-4.738e+06
101	310	-2.756e+06	0.0	2.96e-06	0.0	0.0	3.446e+04	-1.207e+04	-566.28	4.530e+04	0.0	-2.756e+06
		-3.239e+06	-2.265e+04	0.0	0.0	40.0	3.446e+04	-1.207e+04	-566.28	4.530e+04	-2.265e+04	-3.239e+06
101	311	-3.658e+06	0.0	-1.77e-03	0.0	0.0	4.572e+04	-1.273e+04	-1907.72	1.526e+05	0.0	-3.658e+06
		-4.167e+06	-7.631e+04	-6.15e-06	0.0	40.0	4.572e+04	-1.273e+04	-1907.72	1.526e+05	-7.631e+04	-4.167e+06
101	313	-3.654e+06	0.0	3.17e-03	0.0	0.0	4.568e+04	-1.203e+04	-1978.01	1.582e+05	0.0	-3.654e+06
		-4.135e+06	-7.912e+04	3.52e-05	0.0	40.0	4.568e+04	-1.203e+04	-1978.01	1.582e+05	-7.912e+04	-4.135e+06
101	317	-2.782e+06	2.879e+04	1.68e-03	0.0	0.0	3.478e+04	-2.537e+04	719.72	-5.758e+04	0.0	-2.782e+06
		-3.797e+06	0.0	-7.21e-05	0.0	40.0	3.478e+04	-2.537e+04	719.72	-5.758e+04	2.879e+04	-3.797e+06
101	324	-2.825e+06	0.0	2.99e-06	0.0	0.0	3.532e+04	-1.207e+04	-1105.28	8.842e+04	0.0	-2.825e+06
		-3.308e+06	-4.421e+04	0.0	0.0	40.0	3.532e+04	-1.207e+04	-1105.28	8.842e+04	-4.421e+04	-3.308e+06
101	337	-3.514e+06	0.0	-3.08e-03	0.0	0.0	4.393e+04	-1.097e+04	-2751.99	2.202e+05	0.0	-3.514e+06
		-4.017e+06	-1.101e+05	2.62e-04	0.0	40.0	4.393e+04	-1.097e+04	-2751.99	2.202e+05	-1.101e+05	-4.017e+06
101	340	-2.136e+06	2.166e+04	3.09e-03	0.0	0.0	2.670e+04	-1.318e+04	541.43	-4.331e+04	0.0	-2.136e+06
		-2.599e+06	0.0	-2.61e-04	0.0	40.0	2.670e+04	-1.318e+04	541.43	-4.331e+04	2.166e+04	-2.599e+06
101	349	-3.467e+06	0.0	-9.11e-04	0.0	0.0	4.333e+04	-1.256e+04	-5907.81	4.726e+05	0.0	-3.467e+06
		-3.930e+06	-2.363e+05	9.81e-05	0.0	40.0	4.333e+04	-1.256e+04	-5907.81	4.726e+05	-2.363e+05	-3.930e+06
101	352	-2.184e+06	1.479e+05	9.17e-04	0.0	0.0	2.730e+04	-1.159e+04	3697.25	-2.958e+05	0.0	-2.184e+06
		-2.686e+06	0.0	-9.78e-05	0.0	40.0	2.730e+04	-1.159e+04	3697.25	-2.958e+05	1.479e+05	-2.686e+06
101	369	-3.170e+06	0.0	-1.56e-03	0.0	0.0	3.962e+04	-1.151e+04	-1924.62	1.540e+05	0.0	-3.170e+06
		-3.663e+06	-7.698e+04	1.30e-04	0.0	40.0	3.962e+04	-1.151e+04	-1924.62	1.540e+05	-7.698e+04	-3.663e+06
101	372	-2.481e+06	0.0	1.57e-03	0.0	0.0	3.101e+04	-1.264e+04	-285.94	2.288e+04	0.0	-2.481e+06
		-2.954e+06	-1.144e+04	-1.30e-04	0.0	40.0	3.101e+04	-1.264e+04	-285.94	2.288e+04	-1.144e+04	-2.954e+06
101	381	-3.145e+06	0.0	-4.60e-04	0.0	0.0	3.931e+04	-1.231e+04	-3492.96	2.794e+05	0.0	-3.145e+06
		-3.618e+06	-1.397e+05	4.88e-05	0.0	40.0	3.931e+04	-1.231e+04	-3492.96	2.794e+05	-1.397e+05	-3.618e+06
101	384	-2.506e+06	5.130e+04	4.66e-04	0.0	0.0	3.132e+04	-1.184e+04	1282.40	-1.026e+05	0.0	-2.506e+06
		-2.998e+06	0.0	-4.85e-05	0.0	40.0	3.132e+04	-1.184e+04	1282.40	-1.026e+05	5.130e+04	-2.998e+06
102	68	-2.884e+06	3.855e+04	-6.07e-04	0.0	0.0	3.605e+04	2.372e+04	-963.63	7.709e+04	3.855e+04	-3.833e+06
		-3.833e+06	0.0	7.75e-05	0.0	40.0	3.605e+04	2.372e+04	-963.63	7.709e+04	0.0	-3.833e+06
102	89	-5.839e+06	0.0	-2.94e-03	0.0	0.0	7.299e+04	1.864e+04	3175.03	-2.540e+05	-1.270e+05	-6.585e+06
		-6.585e+06	-1.270e+05	-5.38e-05	0.0	40.0	7.299e+04	1.864e+04	3175.03	-2.540e+05	0.0	-5.839e+06
102	122	-2.500e+06	117.43	5.78e-04	0.0	0.0	3.125e+04	1.146e+04	-2.94	234.85	117.43	-2.959e+06
		-2.959e+06	0.0	0.0	0.0	40.0	3.125e+04	1.146e+04	-2.94	234.85	0.0	-2.500e+06
102	187	-5.940e+06	0.0	6.28e-03	0.0	0.0	7.425e+04	1.877e+04	3102.15	-2.482e+05	-1.241e+05	-6.691e+06
		-6.691e+06	-1.241e+05	6.36e-05	0.0	40.0	7.425e+04	1.877e+04	3102.15	-2.482e+05	0.0	-5.940e+06

102	239	-2.687e+06	3.582e+04	-7.91e-04	0.0	0.0	3.359e+04	2.325e+04	-895.61	7.165e+04	3.582e+04	-3.617e+06
		-3.617e+06	0.0	7.65e-05	0.0	40.0	3.359e+04	2.325e+04	-895.61	7.165e+04	0.0	-2.687e+06
102	267	-2.668e+06	0.0	3.83e-04	0.0	0.0	3.335e+04	1.204e+04	330.75	-2.646e+04	-1.323e+04	-3.150e+06
		-3.150e+06	-1.323e+04	0.0	0.0	40.0	3.335e+04	1.204e+04	330.75	-2.646e+04	0.0	-2.668e+06
102	289	-4.253e+06	0.0	-1.98e-03	0.0	0.0	5.317e+04	1.383e+04	2114.62	-1.692e+05	-8.458e+04	-4.806e+06
		-4.806e+06	-8.458e+04	-8.16e-06	0.0	40.0	5.317e+04	1.383e+04	2114.62	-1.692e+05	0.0	-4.253e+06
102	310	-2.756e+06	0.0	-1.85e-06	0.0	0.0	3.445e+04	1.207e+04	578.52	-4.628e+04	-2.314e+04	-3.239e+06
		-3.239e+06	-2.314e+04	0.0	0.0	40.0	3.445e+04	1.207e+04	578.52	-4.628e+04	0.0	-2.756e+06
102	311	-3.719e+06	0.0	-1.77e-03	0.0	0.0	4.649e+04	1.272e+04	1893.53	-1.515e+05	-7.574e+04	-4.228e+06
		-4.228e+06	-7.574e+04	-6.75e-06	0.0	40.0	4.649e+04	1.272e+04	1893.53	-1.515e+05	0.0	-3.719e+06
102	318	-2.807e+06	177.40	-8.82e-04	0.0	0.0	3.509e+04	2.046e+04	-4.43	354.80	177.40	-3.625e+06
		-3.625e+06	0.0	5.68e-05	0.0	40.0	3.509e+04	2.046e+04	-4.43	354.80	0.0	-2.807e+06
102	321	-3.513e+06	0.0	-1.96e-03	0.0	0.0	4.391e+04	1.204e+04	1901.53	-1.521e+05	-7.606e+04	-3.994e+06
		-3.994e+06	-7.606e+04	-3.06e-05	0.0	40.0	4.391e+04	1.204e+04	1901.53	-1.521e+05	0.0	-3.513e+06
102	324	-2.825e+06	0.0	-1.91e-06	0.0	0.0	3.532e+04	1.207e+04	1105.29	-8.842e+04	-4.421e+04	-3.308e+06
		-3.308e+06	-4.421e+04	0.0	0.0	40.0	3.532e+04	1.207e+04	1105.29	-8.842e+04	0.0	-2.825e+06
102	329	-3.486e+06	0.0	-3.36e-03	0.0	0.0	4.358e+04	1.194e+04	1922.59	-1.538e+05	-7.690e+04	-3.967e+06
		-3.967e+06	-7.690e+04	6.53e-05	0.0	40.0	4.358e+04	1.194e+04	1922.59	-1.538e+05	0.0	-3.486e+06
102	332	-2.164e+06	0.0	3.36e-03	0.0	0.0	2.705e+04	1.221e+04	287.98	-2.304e+04	-1.152e+04	-2.649e+06
		-2.649e+06	-1.152e+04	-6.56e-05	0.0	40.0	2.705e+04	1.221e+04	287.98	-2.304e+04	0.0	-2.164e+06
102	353	-3.468e+06	0.0	-9.98e-04	0.0	0.0	4.335e+04	1.263e+04	4554.40	-3.644e+05	-1.822e+05	-3.932e+06
		-3.932e+06	-1.822e+05	1.48e-04	0.0	40.0	4.335e+04	1.263e+04	4554.40	-3.644e+05	0.0	-3.468e+06
102	356	-2.182e+06	9.375e+04	9.94e-04	0.0	0.0	2.728e+04	1.152e+04	-2343.82	1.875e+05	9.375e+04	-2.684e+06
		-2.684e+06	0.0	-1.49e-04	0.0	40.0	2.728e+04	1.152e+04	-2343.82	1.875e+05	0.0	-2.182e+06
102	361	-3.156e+06	0.0	-1.70e-03	0.0	0.0	3.945e+04	1.201e+04	1510.67	-1.209e+05	-6.043e+04	-3.638e+06
		-3.638e+06	-6.043e+04	3.25e-05	0.0	40.0	3.945e+04	1.201e+04	1510.67	-1.209e+05	0.0	-3.156e+06
102	364	-2.495e+06	0.0	1.70e-03	0.0	0.0	3.118e+04	1.214e+04	699.90	-5.599e+04	-2.800e+04	-2.979e+06
		-2.979e+06	-2.800e+04	-3.28e-05	0.0	40.0	3.118e+04	1.214e+04	699.90	-5.599e+04	0.0	-2.495e+06
102	385	-3.145e+06	0.0	-5.06e-04	0.0	0.0	3.932e+04	1.235e+04	2819.74	-2.256e+05	-1.128e+05	-3.619e+06
		-3.619e+06	-1.128e+05	7.36e-05	0.0	40.0	3.932e+04	1.235e+04	2819.74	-2.256e+05	0.0	-3.145e+06
102	388	-2.505e+06	2.437e+04	5.02e-04	0.0	0.0	3.131e+04	1.180e+04	-609.17	4.873e+04	2.437e+04	-2.998e+06
		-2.998e+06	0.0	-7.39e-05	0.0	40.0	3.131e+04	1.180e+04	-609.17	4.873e+04	0.0	-2.505e+06
105	49	-6.336e+06	0.0	7.46e-03	0.0	0.0	7.920e+04	-3.685e+04	-469.20	3.754e+04	0.0	-6.336e+06
		-7.810e+06	-1.877e+04	-4.34e-04	0.0	40.0	7.920e+04	-3.685e+04	-469.20	3.754e+04	-1.877e+04	-7.810e+06
105	52	-4.120e+06	3.594e+04	5.73e-03	0.0	0.0	5.150e+04	-2.541e+04	898.56	-7.188e+04	0.0	-4.120e+06
		-5.137e+06	0.0	-3.25e-04	0.0	40.0	5.150e+04	-2.541e+04	898.56	-7.188e+04	3.594e+04	-5.137e+06
105	57	-5.113e+06	0.0	3.59e-03	0.0	0.0	6.391e+04	-5.167e+04	-6813.30	5.451e+05	0.0	-5.113e+06
		-7.180e+06	-2.725e+05	-1.13e-04	0.0	40.0	6.391e+04	-5.167e+04	-6813.30	5.451e+05	-2.725e+05	-7.180e+06
105	126	-2.640e+06	1.018e+04	7.72e-04	0.0	0.0	3.300e+04	-1.104e+04	254.58	-2.037e+04	0.0	-2.640e+06
		-3.082e+06	0.0	0.0	0.0	40.0	3.300e+04	-1.104e+04	254.58	-2.037e+04	1.018e+04	-3.082e+06
105	187	-6.599e+06	0.0	6.29e-03	0.0	0.0	8.248e+04	-2.063e+04	-3641.15	2.913e+05	0.0	-6.599e+06
		-7.424e+06	-1.456e+05	5.69e-05	0.0	40.0	8.248e+04	-2.063e+04	-3641.15	2.913e+05	-1.456e+05	-7.424e+06
105	232	-3.451e+06	8589.18	4.21e-03	0.0	0.0	4.313e+04	-2.015e+04	214.73	-1.718e+04	0.0	-3.451e+06
		-4.256e+06	0.0	-2.42e-04	0.0	40.0	4.313e+04	-2.015e+04	214.73	-1.718e+04	8589.18	-4.256e+06
105	235	-2.781e+06	0.0	2.61e-03	0.0	0.0	3.476e+04	-3.413e+04	-4623.27	3.699e+05	0.0	-2.781e+06
		-4.146e+06	-1.849e+05	-8.44e-05	0.0	40.0	3.476e+04	-3.413e+04	-4623.27	3.699e+05	-1.849e+05	-4.146e+06
105	269	-2.755e+06	0.0	5.16e-04	0.0	0.0	3.444e+04	-1.114e+04	-465.98	3.728e+04	0.0	-2.755e+06
		-3.201e+06	-1.864e+04	0.0	0.0	40.0	3.444e+04	-1.114e+04	-465.98	3.728e+04	-1.864e+04	-3.201e+06
105	289	-4.499e+06	0.0	-1.97e-03	0.0	0.0	5.624e+04	-1.527e+04	-1961.41	1.569e+05	0.0	-4.499e+06
		-5.110e+06	-7.846e+04	-4.97e-06	0.0	40.0	5.624e+04	-1.527e+04	-1961.41	1.569e+05	-7.846e+04	-5.110e+06
105	310	-2.802e+06	0.0	2.93e-06	0.0	0.0	3.502e+04	-1.115e+04	-714.83	5.719e+04	0.0	-2.802e+06
		-3.248e+06	-2.859e+04	0.0	0.0	40.0	3.502e+04	-1.115e+04	-714.83	5.719e+04	-2.859e+04	-3.248e+06
105	311	-3.764e+06	0.0	-1.76e-03	0.0	0.0	4.705e+04	-1.283e+04	-2290.37	1.832e+05	0.0	-3.764e+06
		-4.277e+06	-9.161e+04	-3.91e-06	0.0	40.0	4.705e+04	-1.283e+04	-2290.37	1.832e+05	-9.161e+04	-4.277e+06
105	316	-3.510e+06	0.0	3.82e-03	0.0	0.0	4.387e+04	-2.014e+04	-1130.85	9.047e+04	0.0	-3.510e+06
		-4.315e+06	-4.523e+04	-2.41e-04	0.0	40.0	4.387e+04	-2.014e+04	-1130.85	9.047e+04	-4.523e+04	-4.315e+06
105	317	-2.830e+06	0.0	1.67e-03	0.0	0.0	3.538e+04	-2.837e+04	-4655.35	3.724e+05	0.0	-2.830e+06
		-3.965e+06	-1.862e+05	-6.32e-05	0.0	40.0	3.538e+04	-2.837e+04	-4655.35	3.724e+05	-1.862e+05	-3.965e+06
105	324	-2.825e+06	0.0	2.93e-06	0.0	0.0	3.531e+04	-1.114e+04	-1682.02	1.346e+05	0.0	-2.825e+06
		-3.271e+06	-6.728e+04	0.0	0.0	40.0	3.531e+04	-1.114e+04	-1682.02	1.346e+05	-6.728e+04	-3.271e+06
105	337	-3.399e+06	0.0	-3.07e-03	0.0	0.0	4.249e+04	-1.232e+04	-4317.82	3.454e+05	0.0	-3.399e+06
		-3.873e+06	-1.727e+05	2.60e-04	0.0	40.0	4.249e+04	-1.232e+04	-4317.82	3.454e+05	-1.727e+05	-3.873e+06
105	340	-2.250e+06	3.815e+04	3.08e-03	0.0	0.0	2.813e+04	-9969.55	953.78	-7.630e+04	0.0	-2.250e+06
		-2.668e+06	0.0	-2.59e-04	0.0	40.0	2.813e+04	-9969.55	953.78	-7.630e+04	3.815e+04	-2.668e+06
105	349	-3.082e+06	0.0	-9.17e-04	0.0	0.0	3.852e+04	-1.120e+04	-9762.97	7.810e+05	0.0	-3.082e+06
		-3.527e+06	-3.905e+05	9.69e-05	0.0	40.0	3.852e+04	-1.120e+04	-9762.97	7.810e+05	-3.905e+05	-3.527e+06
105	352	-2.568e+06	2.560e+05	9.23e-04	0.0	0.0	3.210e+04	-1.109e+04	6398.94	-5.119e+05	0.0	-2.568e+06
		-3.014e+06	0.0	-9.64e-05	0.0	40.0	3.210e+04	-1.109e+04	6398.94	-5.119e+05	2.560e+05	-3.014e+06
105	369	-3.112e+06	0.0	-1.56e-03	0.0	0.0	3.891e+04	-1.174e+04	-2993.97	2.395e+05	0.0	-3.112e+06
		-3.572e+06	-1.198e+05	1.29e-04	0.0	40.0	3.891e+04	-1.174e+04	-2993.97	2.395e+05	-1.198e+05	-3.572e+06
105	372	-2.537e+06	0.0	1.56e-03	0.0	0.0	3.172e+04	-1.054e+04	-370.07	2.961e+04	0.0	-2.537e+06
		-2.969e+06	-1.480e+04	-1.29e-04	0.0	40.0	3.172e+04	-1.054e+04	-370.07	2.961e+04	-1.480e+04	-2.969e+06
105	381	-2.953e+06	0.0	-4.63e-04	0.0	0.0	3.692e+04	-1.118e+04	-5699.68	4.560e+05	0.0	-2.953e+06
		-3.399e+06	-2.280e+05	4.83e-05	0.0	40.0	3.692e+04	-1.118e+04	-5699.68	4.560e+05	-2.280e+05	-3.399e+06
105	384	-2.697e+06	9.343e+04	4.69e-04	0.0	0.0	3.371e+04	-1.111e+04	2335.65	-1.869e+05	9.343e+04	-3.143e+06
		-3.143e+06	0.0	-4.78e-05	0.0	40.0	3.371e+04	-1.111e+04	2335.65	-1.869e+05	0.0	-2.697e+06
106	65	-5.160e+06	0.0	-1.00e-03	0.0	0.0	6.449e+04	3.970e+04	4284.45	-3.428e+05	-1.714e+05	-6.748e+06

	-6.748e+06	-1.714e+05	9.39e-05	0.0	40.0	6.449e+04	3.970e+04	4284.45	-3.428e+05	0.0	-5.160e+06	
106	73	-6.237e+06	0.0	-4.55e-03	0.0	0.0	7.796e+04	3.684e+04	543.52	-4.348e+04	-2.174e+04	-7.711e+06
		-7.711e+06	-2.174e+04	4.39e-04	0.0	40.0	7.796e+04	3.684e+04	543.52	-4.348e+04	0.0	-6.237e+06
106	76	-4.040e+06	3.142e+04	-3.26e-03	0.0	0.0	5.049e+04	2.541e+04	-785.62	6.285e+04	3.142e+04	-5.056e+06
		-5.056e+06	0.0	3.28e-04	0.0	40.0	5.049e+04	2.541e+04	-785.62	6.285e+04	0.0	-4.040e+06
106	126	-2.605e+06	3187.37	7.68e-04	0.0	0.0	3.257e+04	1.105e+04	-79.68	6374.75	3187.37	-3.047e+06
		-3.047e+06	0.0	0.0	0.0	40.0	3.257e+04	1.105e+04	-79.68	6374.75	0.0	-2.605e+06
106	187	-6.326e+06	0.0	6.28e-03	0.0	0.0	7.908e+04	2.065e+04	2910.19	-2.328e+05	-1.164e+05	-7.152e+06
		-7.152e+06	-1.164e+05	5.59e-05	0.0	40.0	7.908e+04	2.065e+04	2910.19	-2.328e+05	0.0	-6.326e+06
106	239	-2.817e+06	0.0	-7.86e-04	0.0	0.0	3.521e+04	2.526e+04	2759.04	-2.207e+05	-1.104e+05	-3.827e+06
		-3.827e+06	-1.104e+05	6.93e-05	0.0	40.0	3.521e+04	2.526e+04	2759.04	-2.207e+05	0.0	-2.817e+06
106	244	-3.393e+06	5388.69	-2.47e-03	0.0	0.0	4.241e+04	2.015e+04	-134.72	1.078e+04	5388.69	-4.199e+06
		-4.199e+06	0.0	2.44e-04	0.0	40.0	4.241e+04	2.015e+04	-134.72	1.078e+04	0.0	-3.393e+06
106	269	-2.732e+06	0.0	5.11e-04	0.0	0.0	3.415e+04	1.114e+04	582.45	-4.660e+04	-2.330e+04	-3.178e+06
		-3.178e+06	-2.330e+04	0.0	0.0	40.0	3.415e+04	1.114e+04	582.45	-4.660e+04	0.0	-2.732e+06
106	289	-4.586e+06	0.0	-1.98e-03	0.0	0.0	5.733e+04	1.529e+04	1967.73	-1.574e+05	-7.871e+04	-5.198e+06
		-5.198e+06	-7.871e+04	-5.59e-06	0.0	40.0	5.733e+04	1.529e+04	1967.73	-1.574e+05	0.0	-4.586e+06
106	310	-2.802e+06	0.0	-1.84e-06	0.0	0.0	3.502e+04	1.115e+04	743.08	-5.945e+04	-2.972e+04	-3.248e+06
		-3.248e+06	-2.972e+04	0.0	0.0	40.0	3.502e+04	1.115e+04	743.08	-5.945e+04	0.0	-2.802e+06
106	311	-3.507e+06	0.0	-1.77e-03	0.0	0.0	4.803e+04	1.284e+04	2238.35	-1.791e+05	-8.953e+04	-4.356e+06
		-4.356e+06	-8.953e+04	-4.63e-06	0.0	40.0	4.803e+04	1.284e+04	2238.35	-1.791e+05	0.0	-3.507e+06
106	318	-2.871e+06	0.0	-8.78e-04	0.0	0.0	3.588e+04	2.172e+04	3189.46	-2.552e+05	-1.276e+05	-3.740e+06
		-3.740e+06	-1.276e+05	5.17e-05	0.0	40.0	3.588e+04	2.172e+04	3189.46	-2.552e+05	0.0	-2.871e+06
106	321	-3.507e+06	0.0	-1.96e-03	0.0	0.0	4.383e+04	1.116e+04	2672.00	-2.138e+05	-1.069e+05	-3.953e+06
		-3.953e+06	-1.069e+05	-2.82e-05	0.0	40.0	4.383e+04	1.116e+04	2672.00	-2.138e+05	0.0	-3.507e+06
106	324	-2.825e+06	0.0	-1.86e-06	0.0	0.0	3.531e+04	1.114e+04	1682.01	-1.346e+05	-6.728e+04	-3.271e+06
		-3.271e+06	-6.728e+04	0.0	0.0	40.0	3.531e+04	1.114e+04	1682.01	-1.346e+05	0.0	-2.825e+06
106	329	-3.356e+06	0.0	-3.34e-03	0.0	0.0	4.196e+04	1.138e+04	3464.97	-2.772e+05	-1.386e+05	-3.805e+06
		-3.805e+06	-1.386e+05	6.58e-05	0.0	40.0	4.196e+04	1.138e+04	3464.97	-2.772e+05	0.0	-3.356e+06
106	332	-2.293e+06	4037.82	3.34e-03	0.0	0.0	2.867e+04	1.090e+04	-100.95	8075.64	4037.82	-2.736e+06
		-2.736e+06	0.0	-6.63e-05	0.0	40.0	2.867e+04	1.090e+04	-100.95	8075.64	0.0	-2.293e+06
106	345	-3.074e+06	-3.82e-06	-1.02e-03	0.0	0.0	3.842e+04	1.090e+04	7576.23	-6.061e+05	-3.030e+05	-3.520e+06
		-3.520e+06	-3.030e+05	2.99e-05	0.0	40.0	3.842e+04	1.090e+04	7576.23	-6.061e+05	-3.82e-06	-3.074e+06
106	348	-2.576e+06	1.685e+05	1.01e-03	0.0	0.0	3.220e+04	1.139e+04	-4212.21	3.370e+05	1.685e+05	-3.021e+06
		-3.021e+06	3.82e-06	-3.04e-05	0.0	40.0	3.220e+04	1.139e+04	-4212.21	3.370e+05	3.82e-06	-2.576e+06
106	361	-3.091e+06	0.0	-1.69e-03	0.0	0.0	3.864e+04	1.126e+04	2568.46	-2.055e+05	-1.027e+05	-3.538e+06
		-3.538e+06	-1.027e+05	3.27e-05	0.0	40.0	3.864e+04	1.126e+04	2568.46	-2.055e+05	0.0	-3.091e+06
106	364	-2.559e+06	0.0	1.69e-03	0.0	0.0	3.199e+04	1.102e+04	795.56	-6.365e+04	-3.182e+04	-3.003e+06
		-3.003e+06	-3.182e+04	-3.32e-05	0.0	40.0	3.199e+04	1.102e+04	795.56	-6.365e+04	0.0	-2.559e+06
106	385	-2.953e+06	0.0	-5.06e-04	0.0	0.0	3.692e+04	1.108e+04	4590.19	-3.672e+05	-1.836e+05	-3.396e+06
		-3.396e+06	-1.836e+05	7.29e-05	0.0	40.0	3.692e+04	1.108e+04	4590.19	-3.672e+05	0.0	-2.953e+06
106	388	-2.696e+06	4.905e+04	5.03e-04	0.0	0.0	3.371e+04	1.120e+04	-1226.16	9.809e+04	4.905e+04	-3.146e+06
		-3.146e+06	0.0	-7.34e-05	0.0	40.0	3.371e+04	1.120e+04	-1226.16	9.809e+04	0.0	-2.696e+06
109	49	-7.435e+06	1.962e+05	7.47e-03	0.0	0.0	9.294e+04	-4.030e+04	4904.07	-3.923e+05	1.962e+05	-9.047e+06
		-9.047e+06	0.0	-4.36e-04	0.0	40.0	9.294e+04	-4.030e+04	4904.07	-3.923e+05	0.0	-7.435e+06
109	57	-5.891e+06	4.448e+05	3.60e-03	0.0	0.0	7.364e+04	-6.044e+04	1.112e+04	-8.896e+05	4.448e+05	-8.309e+06
		-8.309e+06	0.0	-9.31e-05	0.0	40.0	7.364e+04	-6.044e+04	1.112e+04	-8.896e+05	0.0	-5.891e+06
109	164	-2.709e+06	1.064e+05	7.72e-04	0.0	0.0	3.387e+04	-1.101e+04	2659.86	-2.128e+05	1.064e+05	-3.150e+06
		-3.150e+06	0.0	-2.21e-06	0.0	40.0	3.387e+04	-1.101e+04	2659.86	-2.128e+05	0.0	-2.709e+06
109	235	-2.928e+06	2.883e+05	2.62e-03	0.0	0.0	3.660e+04	-3.863e+04	7208.50	-5.767e+05	2.883e+05	-4.473e+06
		-4.473e+06	0.0	-6.89e-05	0.0	40.0	3.660e+04	-3.863e+04	7208.50	-5.767e+05	0.0	-2.928e+06
109	270	-4.967e+06	1.707e+05	-1.97e-03	0.0	0.0	6.209e+04	-1.724e+04	4268.74	-3.415e+05	1.707e+05	-5.657e+06
		-5.657e+06	0.0	1.66e-06	0.0	40.0	6.209e+04	-1.724e+04	4268.74	-3.415e+05	0.0	-4.967e+06
109	288	-2.801e+06	9.601e+04	5.16e-04	0.0	0.0	3.501e+04	-1.112e+04	2400.35	-1.920e+05	9.601e+04	-3.246e+06
		-3.246e+06	0.0	-1.57e-06	0.0	40.0	3.501e+04	-1.112e+04	2400.35	-1.920e+05	0.0	-2.801e+06
109	309	-2.825e+06	6.728e+04	2.93e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	6.728e+04	-3.271e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	0.0	-2.825e+06
109	311	-3.933e+06	9.747e+04	-1.76e-03	0.0	0.0	4.916e+04	-1.363e+04	2436.86	-1.949e+05	9.747e+04	-4.478e+06
		-4.478e+06	0.0	2.13e-06	0.0	40.0	4.916e+04	-1.363e+04	2436.86	-1.949e+05	0.0	-3.933e+06
109	316	-3.764e+06	6.760e+04	3.83e-03	0.0	0.0	4.706e+04	-2.058e+04	1690.03	-1.352e+05	6.760e+04	-4.588e+06
		-4.588e+06	0.0	-2.41e-04	0.0	40.0	4.706e+04	-2.058e+04	1690.03	-1.352e+05	0.0	-3.764e+06
109	317	-2.907e+06	2.057e+05	1.68e-03	0.0	0.0	3.633e+04	-3.177e+04	5143.49	-4.115e+05	2.057e+05	-4.177e+06
		-4.177e+06	0.0	-5.09e-05	0.0	40.0	3.633e+04	-3.177e+04	5143.49	-4.115e+05	0.0	-2.907e+06
109	324	-2.825e+06	6.728e+04	2.93e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	6.728e+04	-3.271e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	0.0	-2.825e+06
109	326	-3.407e+06	1.459e+05	-3.07e-03	0.0	0.0	4.258e+04	-1.233e+04	3647.50	-2.918e+05	1.459e+05	-3.880e+06
		-3.880e+06	0.0	-2.26e-04	0.0	40.0	4.258e+04	-1.233e+04	3647.50	-2.918e+05	0.0	-3.407e+06
109	327	-2.243e+06	0.0	3.07e-03	0.0	0.0	2.804e+04	-9959.99	-283.46	2.268e+04	0.0	-2.243e+06
		-2.261e+06	-1.134e+04	2.25e-04	0.0	40.0	2.804e+04	-9959.99	-283.46	2.268e+04	-1.134e+04	-2.661e+06
109	354	-3.082e+06	3.905e+05	-9.17e-04	0.0	0.0	3.852e+04	-1.120e+04	9762.97	-7.810e+05	3.905e+05	-3.527e+06
		-3.527e+06	1.01e-06	-9.69e-05	0.0	40.0	3.852e+04	-1.120e+04	9762.97	-7.810e+05	0.0	-3.082e+06
109	355	-2.568e+06	-1.01e-06	9.23e-04	0.0	0.0	3.210e+04	-1.109e+04	-6398.94	5.119e+05	-1.01e-06	-2.568e+06
		-3.014e+06	-2.560e+05	9.64e-05	0.0	40.0	3.210e+04	-1.109e+04	-6398.94	5.119e+05	0.0	-2.568e+06
109	362	-3.112e+06	1.198e+05	-1.56e-03	0.0	0.0	3.891e+04	-1.174e+04	2993.96	-2.395e+05	1.198e+05	-3.572e+06
		-3.572e+06	0.0	-1.29e-04	0.0	40.0	3.891e+04	-1.174e+04	2993.96	-2.395e+05	0.0	-3.112e+06
109	363	-2.537e+06	1.480e+04	1.56e-03	0.0	0.0	3.172e+04	-1.054e+04	370.07	-2.961e+04	1.480e+04	-2.969e+06
		-2.969e+06	0.0	1.29e-04	0.0	40.0	3.172e+04	-1.054e+04	370.07	-2.961e+04	0.0	-2.537e+06

109	386	-2.953e+06	2.280e+05	-4.63e-04	0.0	0.0	3.692e+04	-1.118e+04	5699.68	-4.560e+05	0.0	-2.953e+06
		-3.399e+06	0.0	-4.83e-05	0.0	40.0	3.692e+04	-1.118e+04	5699.68	-4.560e+05	2.280e+05	-3.399e+06
109	387	-2.697e+06	0.0	4.69e-04	0.0	0.0	3.371e+04	-1.111e+04	-2335.65	1.869e+05	0.0	-2.697e+06
		-3.143e+06	-9.343e+04	4.78e-05	0.0	40.0	3.371e+04	-1.111e+04	-2335.65	1.869e+05	-9.343e+04	-3.143e+06
110	65	-5.917e+06	3.284e+05	-1.01e-03	0.0	0.0	7.396e+04	4.588e+04	-8209.19	6.567e+05	3.284e+05	-7.752e+06
		-7.752e+06	0.0	7.75e-05	0.0	40.0	7.396e+04	4.588e+04	-8209.19	6.567e+05	0.0	-5.917e+06
110	73	-7.337e+06	1.994e+05	-4.56e-03	0.0	0.0	9.171e+04	4.029e+04	-4984.13	3.987e+05	1.994e+05	-8.948e+06
		-8.948e+06	0.0	4.30e-04	0.0	40.0	9.171e+04	4.029e+04	-4984.13	3.987e+05	0.0	-7.337e+06
110	89	-6.939e+06	1.879e+05	-2.94e-03	0.0	0.0	8.673e+04	2.344e+04	-4696.35	3.757e+05	1.879e+05	-7.876e+06
		-7.876e+06	0.0	-3.69e-05	0.0	40.0	8.673e+04	2.344e+04	-4696.35	3.757e+05	0.0	-6.939e+06
110	164	-2.675e+06	1.100e+05	7.68e-04	0.0	0.0	3.344e+04	1.102e+04	-2749.65	2.200e+05	1.100e+05	-3.116e+06
		-3.116e+06	0.0	-1.35e-06	0.0	40.0	3.344e+04	1.102e+04	-2749.65	2.200e+05	0.0	-2.675e+06
110	239	-2.949e+06	2.011e+05	-7.90e-04	0.0	0.0	3.687e+04	2.785e+04	-5028.72	4.023e+05	2.011e+05	-4.063e+06
		-4.063e+06	0.0	5.71e-05	0.0	40.0	3.687e+04	2.785e+04	-5028.72	4.023e+05	0.0	-2.949e+06
110	251	-3.706e+06	9.706e+04	-2.22e-03	0.0	0.0	4.633e+04	1.122e+04	-2426.62	1.941e+05	9.706e+04	-4.155e+06
		-4.155e+06	0.0	-2.77e-05	0.0	40.0	4.633e+04	1.122e+04	-2426.62	1.941e+05	0.0	-3.706e+06
110	270	-5.054e+06	1.736e+05	-1.98e-03	0.0	0.0	6.317e+04	1.726e+04	-4339.44	3.472e+05	1.736e+05	-5.744e+06
		-5.744e+06	0.0	3.02e-06	0.0	40.0	6.317e+04	1.726e+04	-4339.44	3.472e+05	0.0	-5.054e+06
110	288	-2.778e+06	9.841e+04	5.11e-04	0.0	0.0	3.473e+04	1.112e+04	-2460.34	1.968e+05	9.841e+04	-3.223e+06
		-3.223e+06	0.0	0.0	0.0	40.0	3.473e+04	1.112e+04	-2460.34	1.968e+05	0.0	-2.778e+06
110	309	-2.825e+06	6.728e+04	-1.86e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.03	1.346e+05	6.728e+04	-3.271e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.03	1.346e+05	0.0	-2.825e+06
110	311	-4.010e+06	9.847e+04	-1.77e-03	0.0	0.0	5.013e+04	1.363e+04	-2461.87	1.969e+05	9.847e+04	-4.556e+06
		-4.556e+06	0.0	2.90e-06	0.0	40.0	5.013e+04	1.363e+04	-2461.87	1.969e+05	0.0	-4.010e+06
110	318	-2.935e+06	1.393e+05	-8.81e-04	0.0	0.0	3.669e+04	2.368e+04	-3483.33	2.787e+05	1.393e+05	-3.882e+06
		-3.882e+06	0.0	4.36e-05	0.0	40.0	3.669e+04	2.368e+04	-3483.33	2.787e+05	0.0	-2.935e+06
110	321	-3.503e+06	6.127e+04	-1.96e-03	0.0	0.0	4.378e+04	1.121e+04	-1531.75	1.225e+05	6.127e+04	-3.951e+06
		-3.951e+06	0.0	-2.00e-05	0.0	40.0	4.378e+04	1.121e+04	-1531.75	1.225e+05	0.0	-3.503e+06
110	324	-2.825e+06	6.728e+04	-1.86e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.03	1.346e+05	6.728e+04	-3.271e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.03	1.346e+05	0.0	-2.825e+06
110	334	-3.360e+06	1.398e+05	-3.33e-03	0.0	0.0	4.200e+04	1.133e+04	-3494.71	2.796e+05	1.398e+05	-3.809e+06
		-3.809e+06	0.0	-3.08e-05	0.0	40.0	4.200e+04	1.133e+04	-3494.71	2.796e+05	0.0	-3.360e+06
110	335	-2.290e+06	0.0	3.33e-03	0.0	0.0	2.862e+04	1.096e+04	130.65	-1.045e+04	-5225.97	-2.272e+06
		-2.732e+06	-5225.97	3.13e-05	0.0	40.0	2.862e+04	1.096e+04	130.65	-1.045e+04	0.0	-2.290e+06
110	342	-3.095e+06	3.052e+05	-9.77e-04	0.0	0.0	3.868e+04	1.083e+04	-7631.15	6.105e+05	3.052e+05	-3.534e+06
		-3.534e+06	0.0	-3.02e-05	0.0	40.0	3.868e+04	1.083e+04	-7631.15	6.105e+05	0.0	-3.095e+06
110	343	-2.555e+06	0.0	9.74e-04	0.0	0.0	3.194e+04	1.146e+04	4267.09	-3.414e+05	-1.707e+05	-3.007e+06
		-3.007e+06	-1.707e+05	3.07e-05	0.0	40.0	3.194e+04	1.146e+04	4267.09	-3.414e+05	0.0	-2.555e+06
110	370	-3.091e+06	1.027e+05	-1.69e-03	0.0	0.0	3.864e+04	1.126e+04	-2568.48	2.055e+05	1.027e+05	-3.538e+06
		-3.538e+06	0.0	-3.27e-05	0.0	40.0	3.864e+04	1.126e+04	-2568.48	2.055e+05	0.0	-3.091e+06
110	371	-2.559e+06	3.182e+04	1.69e-03	0.0	0.0	3.199e+04	1.102e+04	-795.57	6.365e+04	3.182e+04	-3.003e+06
		-3.003e+06	0.0	3.32e-05	0.0	40.0	3.199e+04	1.102e+04	-795.57	6.365e+04	0.0	-2.559e+06
110	382	-2.953e+06	1.836e+05	-5.06e-04	0.0	0.0	3.692e+04	1.108e+04	-4590.20	3.672e+05	1.836e+05	-3.396e+06
		-3.396e+06	0.0	-7.29e-05	0.0	40.0	3.692e+04	1.108e+04	-4590.20	3.672e+05	0.0	-2.953e+06
110	383	-2.696e+06	0.0	5.03e-04	0.0	0.0	3.371e+04	1.120e+04	1226.15	-9.809e+04	-4.905e+04	-3.146e+06
		-3.146e+06	-4.905e+04	7.34e-05	0.0	40.0	3.371e+04	1.120e+04	1226.15	-9.809e+04	0.0	-2.696e+06
113	49	-8.039e+06	6.689e+04	7.49e-03	0.0	0.0	1.005e+05	-4.758e+04	1672.31	-1.338e+05	0.0	-8.039e+06
		-9.942e+06	0.0	-4.34e-04	0.0	40.0	1.005e+05	-4.758e+04	1672.31	-1.338e+05	6.689e+04	-9.942e+06
113	58	-5.270e+06	0.0	3.63e-03	0.0	0.0	6.588e+04	-5.874e+04	-1282.03	1.026e+05	0.0	-5.270e+06
		-7.620e+06	-5.128e+04	-7.69e-05	0.0	40.0	6.588e+04	-5.874e+04	-1282.03	1.026e+05	-5.128e+04	-7.620e+06
113	73	-7.967e+06	1.767e+05	-4.57e-03	0.0	0.0	9.959e+04	-2.649e+04	4416.84	-3.533e+05	0.0	-7.967e+06
		-9.027e+06	0.0	4.24e-04	0.0	40.0	9.959e+04	-2.649e+04	4416.84	-3.533e+05	1.767e+05	-9.027e+06
113	206	-2.736e+06	4.635e+04	2.89e-06	0.0	0.0	3.420e+04	-1.151e+04	1158.82	-9.271e+04	0.0	-2.736e+06
		-3.196e+06	0.0	0.0	0.0	40.0	3.420e+04	-1.151e+04	1158.82	-9.271e+04	4.635e+04	-3.196e+06
113	235	-3.013e+06	0.0	2.64e-03	0.0	0.0	3.766e+04	-3.951e+04	-1101.96	8.816e+04	0.0	-3.013e+06
		-4.594e+06	-4.408e+04	-5.71e-05	0.0	40.0	3.766e+04	-3.951e+04	-1101.96	8.816e+04	-4.408e+04	-4.594e+06
113	243	-4.202e+06	1.151e+05	-3.43e-03	0.0	0.0	5.253e+04	-1.201e+04	2878.49	-2.303e+05	0.0	-4.202e+06
		-4.683e+06	0.0	3.14e-04	0.0	40.0	5.253e+04	-1.201e+04	2878.49	-2.303e+05	1.151e+05	-4.683e+06
113	270	-5.304e+06	1.076e+05	-1.97e-03	0.0	0.0	6.630e+04	-1.968e+04	2690.05	-2.152e+05	0.0	-5.304e+06
		-6.091e+06	0.0	4.43e-06	0.0	40.0	6.630e+04	-1.968e+04	2690.05	-2.152e+05	1.076e+05	-6.091e+06
113	287	-2.829e+06	5.768e+04	3.88e-04	0.0	0.0	3.536e+04	-1.204e+04	1442.05	-1.154e+05	0.0	-2.829e+06
		-3.310e+06	0.0	-1.51e-06	0.0	40.0	3.536e+04	-1.204e+04	1442.05	-1.154e+05	5.768e+04	-3.310e+06
113	309	-2.825e+06	4.421e+04	2.99e-06	0.0	0.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	0.0	-2.825e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	4.421e+04	-3.308e+06
113	311	-4.049e+06	6.918e+04	-1.77e-03	0.0	0.0	5.061e+04	-1.506e+04	1729.51	-1.384e+05	0.0	-4.049e+06
		-4.651e+06	0.0	4.41e-06	0.0	40.0	5.061e+04	-1.506e+04	1729.51	-1.384e+05	6.918e+04	-4.651e+06
113	316	-3.870e+06	2.231e+04	3.84e-03	0.0	0.0	4.837e+04	-2.374e+04	557.79	-4.462e+04	0.0	-3.870e+06
		-4.819e+06	0.0	-2.40e-04	0.0	40.0	4.837e+04	-2.374e+04	557.79	-4.462e+04	2.231e+04	-4.819e+06
113	317	-2.938e+06	0.0	1.69e-03	0.0	0.0	3.672e+04	-3.265e+04	-902.80	7.222e+04	0.0	-2.938e+06
		-4.244e+06	-3.611e+04	-4.17e-05	0.0	40.0	3.672e+04	-3.265e+04	-902.80	7.222e+04	-3.611e+04	-4.244e+06
113	319	-3.830e+06	8.330e+04	-2.86e-03	0.0	0.0	4.787e+04	-1.202e+04	2082.53	-1.666e+05	0.0	-3.830e+06
		-4.311e+06	0.0	2.37e-04	0.0	40.0	4.787e+04	-1.202e+04	2082.53	-1.666e+05	8.330e+04	-4.311e+06
113	324	-2.825e+06	4.421e+04	2.99e-06	0.0	0.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	0.0	-2.825e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	4.421e+04	-3.308e+06
113	330	-3.514e+06	1.101e+05	-3.08e-03	0.0	0.0	4.393e+04	-1.097e+04	2751.99	-2.202e+05	0.0	-3.514e+06
		-4.017e+06	0.0	-2.62e-04	0.0	40.0	4.393e+04	-1.097e+04	2751.99	-2.202e+05	1.101e+05	-4.017e+06
113	331	-2.136e+06	0.0	3.09e-03	0.0	0.0	2.670e+04	-1.318e+04	-541.43	4.331e+04	0.0	-2.136e+06

		-2.599e+06	-2.166e+04	2.61e-04	0.0	40.0	2.670e+04	-1.318e+04	-541.43	4.331e+04	-2.166e+04	-2.599e+06
113	354	-3.467e+06	2.363e+05	-9.11e-04	0.0	0.0	4.333e+04	-1.256e+04	5907.81	-4.726e+05	-1.11e-06	-3.467e+06
		-3.930e+06	-1.11e-06	-9.81e-05	0.0	40.0	4.333e+04	-1.256e+04	5907.81	-4.726e+05	2.363e+05	-3.930e+06
113	355	-2.184e+06	1.11e-06	9.17e-04	0.0	0.0	2.730e+04	-1.159e+04	-3697.25	2.958e+05	1.11e-06	-2.184e+06
		-2.686e+06	-1.479e+05	9.78e-05	0.0	40.0	2.730e+04	-1.159e+04	-3697.25	2.958e+05	-1.479e+05	-2.686e+06
113	362	-3.170e+06	7.698e+04	-1.56e-03	0.0	0.0	3.962e+04	-1.151e+04	1924.62	-1.540e+05	0.0	-3.170e+06
		-3.663e+06	0.0	-1.30e-04	0.0	40.0	3.962e+04	-1.151e+04	1924.62	-1.540e+05	7.698e+04	-3.663e+06
113	363	-2.481e+06	1.144e+04	1.57e-03	0.0	0.0	3.101e+04	-1.264e+04	285.94	-2.288e+04	0.0	-2.481e+06
		-2.954e+06	0.0	1.30e-04	0.0	40.0	3.101e+04	-1.264e+04	285.94	-2.288e+04	1.144e+04	-2.954e+06
113	386	-3.145e+06	1.397e+05	-4.60e-04	0.0	0.0	3.931e+04	-1.231e+04	3492.95	-2.794e+05	0.0	-3.145e+06
		-3.618e+06	0.0	-4.88e-05	0.0	40.0	3.931e+04	-1.231e+04	3492.95	-2.794e+05	1.397e+05	-3.618e+06
113	387	-2.506e+06	0.0	4.66e-04	0.0	0.0	3.132e+04	-1.184e+04	-1282.40	1.026e+05	0.0	-2.506e+06
		-2.998e+06	-5.130e+04	4.85e-05	0.0	40.0	3.132e+04	-1.184e+04	-1282.40	1.026e+05	-5.130e+04	-2.998e+06
114	49	-7.953e+06	1.820e+05	7.48e-03	0.0	0.0	9.941e+04	2.649e+04	-4549.93	3.640e+05	1.820e+05	-9.012e+06
		-9.012e+06	0.0	-4.33e-04	0.0	40.0	9.941e+04	2.649e+04	-4549.93	3.640e+05	0.0	-7.953e+06
114	73	-7.954e+06	7.020e+04	-4.58e-03	0.0	0.0	9.943e+04	4.758e+04	-1755.05	1.404e+05	7.020e+04	-9.857e+06
		-9.857e+06	0.0	4.25e-04	0.0	40.0	9.943e+04	4.758e+04	-1755.05	1.404e+05	0.0	-7.954e+06
114	99	-5.661e+06	1.273e+05	-1.92e-03	0.0	0.0	7.076e+04	2.040e+04	-3182.89	2.546e+05	1.273e+05	-6.477e+06
		-6.477e+06	0.0	-1.82e-05	0.0	40.0	7.076e+04	2.040e+04	-3182.89	2.546e+05	0.0	-5.661e+06
114	164	-2.721e+06	7.388e+04	7.68e-04	0.0	0.0	3.401e+04	1.147e+04	-1846.96	1.478e+05	7.388e+04	-3.180e+06
		-3.180e+06	0.0	-2.22e-06	0.0	40.0	3.401e+04	1.147e+04	-1846.96	1.478e+05	0.0	-2.721e+06
114	231	-4.193e+06	1.185e+05	5.50e-03	0.0	0.0	5.242e+04	1.201e+04	-2961.46	2.369e+05	1.185e+05	-4.674e+06
		-4.674e+06	0.0	-3.21e-04	0.0	40.0	5.242e+04	1.201e+04	-2961.46	2.369e+05	0.0	-4.193e+06
114	256	-3.506e+06	8.578e+04	-1.47e-03	0.0	0.0	4.382e+04	1.203e+04	-2144.57	1.716e+05	8.578e+04	-3.987e+06
		-3.987e+06	0.0	-1.35e-05	0.0	40.0	4.382e+04	1.203e+04	-2144.57	1.716e+05	0.0	-3.506e+06
114	270	-5.371e+06	1.112e+05	-1.98e-03	0.0	0.0	6.714e+04	1.966e+04	-2778.96	2.223e+05	1.112e+05	-6.158e+06
		-6.158e+06	0.0	5.30e-06	0.0	40.0	6.714e+04	1.966e+04	-2778.96	2.223e+05	0.0	-5.371e+06
114	288	-2.815e+06	6.247e+04	5.11e-04	0.0	0.0	3.519e+04	1.205e+04	-1561.69	1.249e+05	6.247e+04	-3.297e+06
		-3.297e+06	0.0	-1.42e-06	0.0	40.0	3.519e+04	1.205e+04	-1561.69	1.249e+05	0.0	-2.815e+06
114	309	-2.825e+06	4.421e+04	-1.91e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	4.421e+04	-3.308e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	0.0	-2.825e+06
114	311	-4.109e+06	6.994e+04	-1.77e-03	0.0	0.0	5.136e+04	1.505e+04	-1748.49	1.399e+05	6.994e+04	-4.711e+06
		-4.711e+06	0.0	4.96e-06	0.0	40.0	5.136e+04	1.505e+04	-1748.49	1.399e+05	0.0	-4.109e+06
114	316	-3.832e+06	8.393e+04	3.83e-03	0.0	0.0	4.791e+04	1.202e+04	-2098.21	1.679e+05	8.393e+04	-4.313e+06
		-4.313e+06	0.0	-2.40e-04	0.0	40.0	4.791e+04	1.202e+04	-2098.21	1.679e+05	0.0	-3.832e+06
114	318	-2.910e+06	0.0	-8.89e-04	0.0	0.0	3.638e+04	2.503e+04	85.70	-6855.76	-3427.88	-3.912e+06
		-3.912e+06	-3427.88	3.82e-05	0.0	40.0	3.638e+04	2.503e+04	85.70	-6855.76	0.0	-2.910e+06
114	319	-3.833e+06	2.182e+04	-2.87e-03	0.0	0.0	4.792e+04	2.374e+04	-545.51	4.364e+04	2.182e+04	-4.783e+06
		-4.783e+06	0.0	2.37e-04	0.0	40.0	4.792e+04	2.374e+04	-545.51	4.364e+04	0.0	-3.833e+06
114	324	-2.825e+06	4.421e+04	-1.91e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	4.421e+04	-3.308e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	0.0	-2.825e+06
114	338	-3.486e+06	7.690e+04	-3.36e-03	0.0	0.0	4.358e+04	1.194e+04	-1922.57	1.538e+05	7.690e+04	-3.967e+06
		-3.967e+06	0.0	-6.53e-05	0.0	40.0	4.358e+04	1.194e+04	-1922.57	1.538e+05	0.0	-3.486e+06
114	339	-2.164e+06	1.152e+04	3.36e-03	0.0	0.0	2.705e+04	1.221e+04	-287.97	2.304e+04	1.152e+04	-2.649e+06
		-2.649e+06	0.0	6.56e-05	0.0	40.0	2.705e+04	1.221e+04	-287.97	2.304e+04	0.0	-2.164e+06
114	350	-3.468e+06	1.822e+05	-9.98e-04	0.0	0.0	4.335e+04	1.263e+04	-4554.37	3.643e+05	1.822e+05	-3.932e+06
		-3.932e+06	1.19e-06	-1.48e-04	0.0	40.0	4.335e+04	1.263e+04	-4554.37	3.643e+05	1.19e-06	-3.468e+06
114	351	-2.182e+06	-1.19e-06	9.94e-04	0.0	0.0	2.728e+04	1.152e+04	2343.82	-1.875e+05	-9.375e+04	-2.684e+06
		-2.684e+06	-9.375e+04	1.49e-04	0.0	40.0	2.728e+04	1.152e+04	2343.82	-1.875e+05	-1.19e-06	-2.182e+06
114	370	-3.156e+06	6.043e+04	-1.70e-03	0.0	0.0	3.945e+04	1.201e+04	-1510.65	1.209e+05	6.043e+04	-3.638e+06
		-3.638e+06	0.0	-3.25e-05	0.0	40.0	3.945e+04	1.201e+04	-1510.65	1.209e+05	0.0	-3.156e+06
114	371	-2.495e+06	2.800e+04	1.70e-03	0.0	0.0	3.118e+04	1.214e+04	-699.89	5.599e+04	2.800e+04	-2.979e+06
		-2.979e+06	0.0	3.28e-05	0.0	40.0	3.118e+04	1.214e+04	-699.89	5.599e+04	0.0	-2.495e+06
114	382	-3.145e+06	1.128e+05	-5.06e-04	0.0	0.0	3.932e+04	1.235e+04	-2819.72	2.256e+05	1.128e+05	-3.619e+06
		-3.619e+06	0.0	-7.36e-05	0.0	40.0	3.932e+04	1.235e+04	-2819.72	2.256e+05	0.0	-3.145e+06
114	383	-2.505e+06	0.0	5.02e-04	0.0	0.0	3.131e+04	1.180e+04	609.18	-4.873e+04	-2.437e+04	-2.998e+06
		-2.998e+06	-2.437e+04	7.39e-05	0.0	40.0	3.131e+04	1.180e+04	609.18	-4.873e+04	0.0	-2.505e+06
117	49	-6.084e+06	0.0	4.43e-03	0.0	0.0	7.605e+04	-1.863e+04	-3228.39	2.583e+05	0.0	-6.084e+06
		-6.829e+06	-1.291e+05	5.61e-05	0.0	40.0	7.605e+04	-1.863e+04	-3228.39	2.583e+05	-1.291e+05	-6.829e+06
117	84	-3.012e+06	7.672e+04	2.64e-03	0.0	0.0	3.765e+04	-3.033e+04	1918.09	-1.534e+05	7.672e+04	-4.225e+06
		-4.225e+06	0.0	-9.57e-05	0.0	40.0	3.765e+04	-3.033e+04	1918.09	-1.534e+05	0.0	-3.012e+06
117	122	-2.633e+06	780.16	5.82e-04	0.0	0.0	3.291e+04	-1.146e+04	19.50	-1560.32	780.16	-3.092e+06
		-3.092e+06	0.0	2.47e-06	0.0	40.0	3.291e+04	-1.146e+04	19.50	-1560.32	0.0	-2.633e+06
117	247	-2.770e+06	7.341e+04	2.42e-03	0.0	0.0	3.463e+04	-2.979e+04	1835.22	-1.468e+05	7.341e+04	-3.962e+06
		-3.962e+06	0.0	-9.55e-05	0.0	40.0	3.463e+04	-2.979e+04	1835.22	-1.468e+05	0.0	-2.770e+06
117	248	-2.755e+06	5.635e+04	1.91e-03	0.0	0.0	3.443e+04	-2.536e+04	1408.75	-1.127e+05	5.635e+04	-3.769e+06
		-3.769e+06	0.0	-7.11e-05	0.0	40.0	3.443e+04	-2.536e+04	1408.75	-1.127e+05	0.0	-2.755e+06
117	289	-4.375e+06	0.0	-3.35e-03	0.0	0.0	5.469e+04	-1.384e+04	-2236.93	1.790e+05	0.0	-4.375e+06
		-4.929e+06	-8.948e+04	-3.69e-05	0.0	40.0	5.469e+04	-1.384e+04	-2236.93	1.790e+05	-8.948e+04	-4.929e+06
117	310	-2.756e+06	0.0	1.85e-06	0.0	0.0	3.445e+04	-1.207e+04	-578.51	4.628e+04	0.0	-2.756e+06
		-3.239e+06	-2.314e+04	0.0	0.0	40.0	3.445e+04	-1.207e+04	-578.51	4.628e+04	-2.314e+04	-3.239e+06
117	311	-3.744e+06	0.0	-2.80e-03	0.0	0.0	4.680e+04	-1.273e+04	-1993.51	1.595e+05	0.0	-3.744e+06
		-4.253e+06	-7.974e+04	-2.85e-05	0.0	40.0	4.680e+04	-1.273e+04	-1993.51	1.595e+05	-7.974e+04	-4.253e+06
117	320	-2.803e+06	2.804e+04	1.53e-03	0.0	0.0	3.503e+04	-2.537e+04	700.90	-5.607e+04	2.804e+04	-3.817e+06
		-3.817e+06	0.0	-7.26e-05	0.0	40.0	3.503e+04	-2.537e+04	700.90	-5.607e+04	0.0	-2.803e+06
117	324	-2.825e+06	0.0	1.91e-06	0.0	0.0	3.532e+04	-1.207e+04	-1105.28	8.842e+04	0.0	-2.825e+06
		-3.308e+06	-4.421e+04	0.0	0.0	40.0	3.532e+04	-1.207e+04	-1105.28	8.842e+04	-4.421e+04	-3.308e+06

117	342	-1.965e+06	6.829e+04	-9.96e-04	0.0	0.0	2.457e+04	-1.143e+04	1707.33	-1.366e+05	0.0	-1.965e+06
		-2.453e+06	0.0	6.19e-04	0.0	40.0	2.457e+04	-1.143e+04	1707.33	-1.366e+05	6.829e+04	-2.453e+06
117	343	-3.685e+06	0.0	1.00e-03	0.0	0.0	4.606e+04	-1.272e+04	-3917.88	3.134e+05	0.0	-3.685e+06
		-4.163e+06	-1.567e+05	-6.19e-04	0.0	40.0	4.606e+04	-1.272e+04	-3917.88	3.134e+05	-1.567e+05	-4.163e+06
117	346	-1.971e+06	7.434e+04	-9.82e-04	0.0	0.0	2.463e+04	-1.143e+04	1858.61	-1.487e+05	-1.03e-06	-1.971e+06
		-2.458e+06	-1.03e-06	6.06e-04	0.0	40.0	2.463e+04	-1.143e+04	1858.61	-1.487e+05	7.434e+04	-2.458e+06
117	347	-3.680e+06	1.03e-06	9.86e-04	0.0	0.0	4.600e+04	-1.272e+04	-4069.16	3.255e+05	1.03e-06	-3.680e+06
		-4.158e+06	-1.628e+05	-6.06e-04	0.0	40.0	4.600e+04	-1.272e+04	-4069.16	3.255e+05	-1.628e+05	-4.158e+06
117	358	-2.495e+06	0.0	-1.70e-03	0.0	0.0	3.118e+04	-1.214e+04	-699.90	5.599e+04	0.0	-2.495e+06
		-2.979e+06	-2.800e+04	3.28e-05	0.0	40.0	3.118e+04	-1.214e+04	-699.90	5.599e+04	-2.800e+04	-2.979e+06
117	359	-3.156e+06	0.0	1.70e-03	0.0	0.0	3.945e+04	-1.201e+04	-1510.66	1.209e+05	0.0	-3.156e+06
		-3.638e+06	-6.043e+04	-3.25e-05	0.0	40.0	3.945e+04	-1.201e+04	-1510.66	1.209e+05	-6.043e+04	-3.638e+06
117	378	-2.505e+06	2.437e+04	-5.02e-04	0.0	0.0	3.131e+04	-1.180e+04	609.18	-4.873e+04	0.0	-2.505e+06
		-2.998e+06	0.0	7.39e-05	0.0	40.0	3.131e+04	-1.180e+04	609.18	-4.873e+04	2.437e+04	-2.998e+06
117	379	-3.145e+06	0.0	5.06e-04	0.0	0.0	3.932e+04	-1.235e+04	-2819.73	2.256e+05	0.0	-3.145e+06
		-3.619e+06	-1.128e+05	-7.36e-05	0.0	40.0	3.932e+04	-1.235e+04	-2819.73	2.256e+05	-1.128e+05	-3.619e+06
118	92	-3.486e+06	4029.97	-4.39e-03	0.0	0.0	4.357e+04	2.564e+04	-100.75	8059.95	4029.97	-4.511e+06
		-4.511e+06	0.0	3.51e-04	0.0	40.0	4.357e+04	2.564e+04	-100.75	8059.95	0.0	-3.486e+06
118	122	-2.614e+06	0.0	5.77e-04	0.0	0.0	3.268e+04	1.145e+04	64.39	-5150.96	-2575.48	-3.073e+06
		-3.073e+06	-2575.48	2.46e-06	0.0	40.0	3.268e+04	1.145e+04	64.39	-5150.96	0.0	-2.614e+06
118	165	-6.067e+06	0.0	-4.47e-03	0.0	0.0	7.584e+04	1.876e+04	3339.70	-2.672e+05	-1.336e+05	-6.817e+06
		-6.817e+06	-1.336e+05	-5.06e-05	0.0	40.0	7.584e+04	1.876e+04	3339.70	-2.672e+05	0.0	-6.067e+06
118	252	-3.108e+06	2783.46	-3.31e-03	0.0	0.0	3.885e+04	2.188e+04	-69.59	5566.92	2783.46	-3.983e+06
		-3.983e+06	0.0	2.61e-04	0.0	40.0	3.885e+04	2.188e+04	-69.59	5566.92	0.0	-3.108e+06
118	267	-2.744e+06	0.0	3.82e-04	0.0	0.0	3.430e+04	1.204e+04	375.35	-3.003e+04	-1.501e+04	-3.226e+06
		-3.226e+06	-1.501e+04	1.58e-06	0.0	40.0	3.430e+04	1.204e+04	375.35	-3.003e+04	0.0	-2.744e+06
118	289	-4.486e+06	0.0	-3.35e-03	0.0	0.0	5.608e+04	1.382e+04	2520.87	-2.017e+05	-1.008e+05	-5.039e+06
		-5.039e+06	-1.008e+05	-3.76e-05	0.0	40.0	5.608e+04	1.382e+04	2520.87	-2.017e+05	0.0	-4.486e+06
118	310	-2.756e+06	0.0	-2.96e-06	0.0	0.0	3.446e+04	1.207e+04	566.29	-4.530e+04	-2.265e+04	-3.239e+06
		-3.239e+06	-2.265e+04	0.0	0.0	40.0	3.446e+04	1.207e+04	566.29	-4.530e+04	0.0	-2.756e+06
118	311	-3.837e+06	0.0	-2.80e-03	0.0	0.0	4.797e+04	1.272e+04	2155.19	-1.724e+05	-8.621e+04	-4.346e+06
		-4.346e+06	-8.621e+04	-2.92e-05	0.0	40.0	4.797e+04	1.272e+04	2155.19	-1.724e+05	0.0	-3.837e+06
118	324	-2.825e+06	0.0	-2.99e-06	0.0	0.0	3.532e+04	1.207e+04	1105.29	-8.842e+04	-4.421e+04	-3.308e+06
		-3.308e+06	-4.421e+04	0.0	0.0	40.0	3.532e+04	1.207e+04	1105.29	-8.842e+04	0.0	-2.825e+06
118	342	-2.055e+06	3.182e+05	-9.07e-04	0.0	0.0	2.568e+04	1.070e+04	-7954.59	6.364e+05	3.182e+05	-2.555e+06
		-2.555e+06	-1.09e-06	5.82e-04	0.0	40.0	2.568e+04	1.070e+04	-7954.59	6.364e+05	-1.09e-06	-2.055e+06
118	343	-3.596e+06	1.09e-06	9.01e-04	0.0	0.0	4.495e+04	1.344e+04	1.017e+04	-8.132e+05	-4.066e+05	-4.061e+06
		-4.061e+06	-4.066e+05	-5.82e-04	0.0	40.0	4.495e+04	1.344e+04	1.017e+04	-8.132e+05	1.09e-06	-3.596e+06
118	346	-2.050e+06	3.140e+05	-9.20e-04	0.0	0.0	2.563e+04	1.070e+04	-7849.80	6.280e+05	3.140e+05	-2.551e+06
		-2.551e+06	-1.11e-06	7.07e-04	0.0	40.0	2.563e+04	1.070e+04	-7849.80	6.280e+05	-1.11e-06	-2.050e+06
118	347	-3.600e+06	1.11e-06	9.14e-04	0.0	0.0	4.501e+04	1.345e+04	1.006e+04	-8.048e+05	-4.024e+05	-3.600e+06
		-4.066e+06	-4.024e+05	-7.08e-04	0.0	40.0	4.501e+04	1.345e+04	1.006e+04	-8.048e+05	1.11e-06	-3.600e+06
118	366	-2.481e+06	0.0	-1.57e-03	0.0	0.0	3.101e+04	1.264e+04	285.95	-2.288e+04	-1.144e+04	-2.954e+06
		-2.954e+06	-1.144e+04	1.30e-04	0.0	40.0	3.101e+04	1.264e+04	285.95	-2.288e+04	0.0	-2.481e+06
118	367	-3.170e+06	0.0	1.56e-03	0.0	0.0	3.962e+04	1.151e+04	1924.63	-1.540e+05	-7.699e+04	-3.663e+06
		-3.663e+06	-7.699e+04	-1.30e-04	0.0	40.0	3.962e+04	1.151e+04	1924.63	-1.540e+05	0.0	-3.170e+06
118	374	-2.506e+06	5.130e+04	-4.66e-04	0.0	0.0	3.132e+04	1.184e+04	-1282.39	1.026e+05	5.130e+04	-2.998e+06
		-2.998e+06	0.0	4.85e-05	0.0	40.0	3.132e+04	1.184e+04	-1282.39	1.026e+05	0.0	-2.506e+06
118	375	-3.145e+06	0.0	4.60e-04	0.0	0.0	3.931e+04	1.231e+04	3492.96	-2.794e+05	-1.397e+05	-3.618e+06
		-3.618e+06	-1.397e+05	-4.88e-05	0.0	40.0	3.931e+04	1.231e+04	3492.96	-2.794e+05	0.0	-3.145e+06
121	49	-6.556e+06	0.0	4.43e-03	0.0	0.0	8.195e+04	-2.071e+04	-3359.32	2.687e+05	0.0	-6.556e+06
		-7.384e+06	-1.344e+05	5.06e-05	0.0	40.0	8.195e+04	-2.071e+04	-3359.32	2.687e+05	-1.344e+05	-7.384e+06
121	73	-6.375e+06	0.0	5.71e-03	0.0	0.0	7.969e+04	-3.685e+04	-525.38	4.203e+04	0.0	-6.375e+06
		-7.849e+06	-2.102e+04	-4.37e-04	0.0	40.0	7.969e+04	-3.685e+04	-525.38	4.203e+04	-2.102e+04	-7.849e+06
121	76	-4.178e+06	3.215e+04	4.42e-03	0.0	0.0	5.222e+04	-2.541e+04	803.76	-6.430e+04	0.0	-4.178e+06
		-5.194e+06	0.0	-3.26e-04	0.0	40.0	5.222e+04	-2.541e+04	803.76	-6.430e+04	3.215e+04	-5.194e+06
121	81	-5.260e+06	0.0	3.31e-03	0.0	0.0	6.575e+04	-5.168e+04	-6931.57	5.545e+05	0.0	-5.260e+06
		-7.327e+06	-2.773e+05	-1.13e-04	0.0	40.0	6.575e+04	-5.168e+04	-6931.57	5.545e+05	-2.773e+05	-7.327e+06
121	206	-2.745e+06	0.0	1.82e-06	0.0	0.0	3.431e+04	-1.105e+04	-1575.92	1.261e+05	0.0	-2.745e+06
		-3.187e+06	-6.304e+04	0.0	0.0	40.0	3.431e+04	-1.105e+04	-1575.92	1.261e+05	-6.304e+04	-3.187e+06
121	244	-3.484e+06	5870.36	3.24e-03	0.0	0.0	4.355e+04	-2.015e+04	146.76	-1.174e+04	0.0	-3.484e+06
		-4.290e+06	0.0	-2.42e-04	0.0	40.0	4.355e+04	-2.015e+04	146.76	-1.174e+04	5870.36	-4.290e+06
121	247	-2.881e+06	0.0	2.41e-03	0.0	0.0	3.601e+04	-3.413e+04	-4721.27	3.777e+05	0.0	-2.881e+06
		-4.246e+06	-1.889e+05	-8.39e-05	0.0	40.0	3.601e+04	-3.413e+04	-4721.27	3.777e+05	-1.889e+05	-4.246e+06
121	267	-2.831e+06	0.0	3.87e-04	0.0	0.0	3.539e+04	-1.115e+04	-255.42	2.043e+04	0.0	-2.831e+06
		-3.277e+06	-1.022e+04	1.32e-06	0.0	40.0	3.539e+04	-1.115e+04	-255.42	2.043e+04	-1.022e+04	-3.277e+06
121	289	-4.669e+06	0.0	-3.34e-03	0.0	0.0	5.836e+04	-1.528e+04	-2127.41	1.702e+05	-8.510e+04	-5.280e+06
		-5.280e+06	-8.510e+04	-3.25e-05	0.0	40.0	5.836e+04	-1.528e+04	-2127.41	1.702e+05	-8.510e+04	-5.280e+06
121	310	-2.802e+06	0.0	1.84e-06	0.0	0.0	3.502e+04	-1.115e+04	-743.09	5.945e+04	0.0	-2.802e+06
		-3.248e+06	-2.972e+04	0.0	0.0	40.0	3.502e+04	-1.115e+04	-743.09	5.945e+04	-2.972e+04	-3.248e+06
121	311	-3.836e+06	0.0	-2.80e-03	0.0	0.0	4.794e+04	-1.283e+04	-2367.14	1.894e+05	0.0	-3.836e+06
		-4.349e+06	-9.469e+04	-2.49e-05	0.0	40.0	4.794e+04	-1.283e+04	-2367.14	1.894e+05	-9.469e+04	-4.349e+06
121	320	-2.850e+06	0.0	1.52e-03	0.0	0.0	3.562e+04	-2.838e+04	-4670.17	3.736e+05	0.0	-2.850e+06
		-3.985e+06	-1.868e+05	-6.35e-05	0.0	40.0	3.562e+04	-2.838e+04	-4670.17	3.736e+05	-1.868e+05	-3.985e+06
121	324	-2.825e+06	0.0	1.86e-06	0.0	0.0	3.531e+04	-1.114e+04	-1682.02	1.346e+05	0.0	-2.825e+06
		-3.271e+06	-6.728e+04	0.0	0.0	40.0	3.531e+04	-1.114e+04	-1682.02	1.346e+05	-6.728e+04	-3.271e+06
121	326	-2.269e+06	0.0	-3.33e-03	0.0	0.0	2.836e+04	-1.091e+04	-54.58	4366.02	0.0	-2.269e+06

		-2.710e+06	-2183.01	2.03e-04	0.0	40.0	2.836e+04	-1.091e+04	-54.58	4366.02	-2183.01	-2.710e+06
121	327	-3.381e+06	0.0	3.34e-03	0.0	0.0	4.226e+04	-1.137e+04	-3309.47	2.648e+05	0.0	-3.381e+06
		-3.831e+06	-1.324e+05	-2.02e-04	0.0	40.0	4.226e+04	-1.137e+04	-3309.47	2.648e+05	-1.324e+05	-3.831e+06
121	346	-2.486e+06	1.460e+05	-9.79e-04	0.0	0.0	3.108e+04	-1.131e+04	3649.67	-2.920e+05	-2.95e-06	-2.486e+06
		-2.933e+06	-2.95e-06	6.01e-04	0.0	40.0	3.108e+04	-1.131e+04	3649.67	-2.920e+05	1.460e+05	-2.933e+06
121	347	-3.164e+06	2.95e-06	9.83e-04	0.0	0.0	3.954e+04	-1.097e+04	-7013.71	5.611e+05	2.95e-06	-3.164e+06
		-3.608e+06	-2.805e+05	-6.01e-04	0.0	40.0	3.954e+04	-1.097e+04	-7013.71	5.611e+05	-2.805e+05	-3.608e+06
121	358	-2.559e+06	0.0	-1.69e-03	0.0	0.0	3.199e+04	-1.102e+04	-795.57	6.365e+04	0.0	-2.559e+06
		-3.003e+06	-3.182e+04	3.32e-05	0.0	40.0	3.199e+04	-1.102e+04	-795.57	6.365e+04	-3.182e+04	-3.003e+06
121	359	-3.091e+06	0.0	1.69e-03	0.0	0.0	3.864e+04	-1.126e+04	-2568.47	2.055e+05	0.0	-3.091e+06
		-3.538e+06	-1.027e+05	-3.27e-05	0.0	40.0	3.864e+04	-1.126e+04	-2568.47	2.055e+05	-1.027e+05	-3.538e+06
121	378	-2.696e+06	4.905e+04	-5.03e-04	0.0	0.0	3.371e+04	-1.120e+04	1226.15	-9.809e+04	0.0	-2.696e+06
		-3.146e+06	0.0	7.34e-05	0.0	40.0	3.371e+04	-1.120e+04	1226.15	-9.809e+04	4.905e+04	-3.146e+06
121	379	-2.953e+06	0.0	5.06e-04	0.0	0.0	3.692e+04	-1.108e+04	-4590.19	3.672e+05	0.0	-2.953e+06
		-3.396e+06	-1.836e+05	-7.29e-05	0.0	40.0	3.692e+04	-1.108e+04	-4590.19	3.672e+05	-1.836e+05	-3.396e+06
122	89	-6.231e+06	0.0	-6.05e-03	0.0	0.0	7.788e+04	4.212e+04	28.65	-2291.89	-1145.94	-7.915e+06
		-7.915e+06	-1145.94	4.61e-04	0.0	40.0	7.788e+04	4.212e+04	28.65	-2291.89	0.0	-6.231e+06
122	92	-4.063e+06	4.743e+04	-4.38e-03	0.0	0.0	5.079e+04	2.936e+04	-1185.65	9.485e+04	4.743e+04	-5.238e+06
		-5.238e+06	0.0	3.46e-04	0.0	40.0	5.079e+04	2.936e+04	-1185.65	9.485e+04	0.0	-4.063e+06
122	105	-6.529e+06	0.0	-4.56e-03	0.0	0.0	8.140e+04	2.072e+04	3417.87	-2.734e+05	-1.367e+05	-7.358e+06
		-7.358e+06	-1.367e+05	-5.47e-05	0.0	40.0	8.140e+04	2.072e+04	3417.87	-2.734e+05	0.0	-6.529e+06
122	122	-2.729e+06	2.141e+04	5.77e-04	0.0	0.0	3.412e+04	1.106e+04	-535.35	4.283e+04	2.141e+04	-3.172e+06
		-3.172e+06	0.0	2.01e-06	0.0	40.0	3.412e+04	1.106e+04	-535.35	4.283e+04	0.0	-2.729e+06
122	165	-6.512e+06	0.0	-4.46e-03	0.0	0.0	8.140e+04	2.064e+04	3461.10	-2.769e+05	-1.384e+05	-7.358e+06
		-7.338e+06	-1.384e+05	-4.48e-05	0.0	40.0	8.140e+04	2.064e+04	3461.10	-2.769e+05	0.0	-6.512e+06
122	252	-3.401e+06	1.765e+04	-3.30e-03	0.0	0.0	4.252e+04	2.308e+04	-441.23	3.530e+04	1.765e+04	-4.325e+06
		-4.325e+06	0.0	2.57e-04	0.0	40.0	4.252e+04	2.308e+04	-441.23	3.530e+04	0.0	-3.401e+06
122	267	-2.814e+06	0.0	3.82e-04	0.0	0.0	3.518e+04	1.115e+04	274.26	-2.194e+04	-1.097e+04	-3.261e+06
		-3.261e+06	-1.097e+04	1.23e-06	0.0	40.0	3.518e+04	1.115e+04	274.26	-2.194e+04	0.0	-2.814e+06
122	289	-4.813e+06	0.0	-3.35e-03	0.0	0.0	6.017e+04	1.529e+04	2630.63	-2.105e+05	-1.052e+05	-5.425e+06
		-5.425e+06	-1.052e+05	-3.33e-05	0.0	40.0	6.017e+04	1.529e+04	2630.63	-2.105e+05	0.0	-4.813e+06
122	310	-2.802e+06	0.0	-2.93e-06	0.0	0.0	3.502e+04	1.115e+04	714.82	-5.719e+04	-2.859e+04	-3.248e+06
		-3.248e+06	-2.859e+04	0.0	0.0	40.0	3.502e+04	1.115e+04	714.82	-5.719e+04	0.0	-2.802e+06
122	311	-3.957e+06	0.0	-2.80e-03	0.0	0.0	4.946e+04	1.283e+04	2708.28	-2.167e+05	-1.083e+05	-4.470e+06
		-4.470e+06	-1.083e+05	-2.57e-05	0.0	40.0	4.946e+04	1.283e+04	2708.28	-2.167e+05	0.0	-3.957e+06
122	321	-3.403e+06	0.0	-3.69e-03	0.0	0.0	4.254e+04	2.306e+04	792.35	-6.339e+04	-3.169e+04	-4.326e+06
		-4.326e+06	-3.169e+04	2.55e-04	0.0	40.0	4.254e+04	2.306e+04	792.35	-6.339e+04	0.0	-3.403e+06
122	324	-2.825e+06	0.0	-2.93e-06	0.0	0.0	3.531e+04	1.114e+04	1682.01	-1.346e+05	-6.728e+04	-3.271e+06
		-3.271e+06	-6.728e+04	0.0	0.0	40.0	3.531e+04	1.114e+04	1682.01	-1.346e+05	0.0	-2.825e+06
122	334	-2.240e+06	1.354e+05	-3.08e-03	0.0	0.0	2.800e+04	1.013e+04	-3386.24	2.709e+05	1.354e+05	-2.653e+06
		-2.653e+06	-1.39e-06	4.03e-04	0.0	40.0	2.800e+04	1.013e+04	-3386.24	2.709e+05	-1.39e-06	-2.240e+06
122	335	-3.410e+06	1.39e-06	3.07e-03	0.0	0.0	4.262e+04	1.216e+04	6750.26	-5.400e+05	-2.700e+05	-3.888e+06
		-3.888e+06	-2.700e+05	-4.04e-04	0.0	40.0	4.262e+04	1.216e+04	6750.26	-5.400e+05	1.39e-06	-3.410e+06
122	342	-2.533e+06	5.803e+05	-9.12e-04	0.0	0.0	3.167e+04	1.160e+04	-1.451e+04	1.161e+06	5.803e+05	-2.963e+06
		-2.963e+06	-4.66e-06	5.77e-04	0.0	40.0	3.167e+04	1.160e+04	-1.451e+04	1.161e+06	-4.66e-06	-2.533e+06
122	343	-3.117e+06	4.66e-06	9.06e-04	0.0	0.0	3.896e+04	1.068e+04	1.787e+04	-1.430e+06	-7.148e+05	-3.579e+06
		-3.579e+06	-7.148e+05	-5.77e-04	0.0	40.0	3.896e+04	1.068e+04	1.787e+04	-1.430e+06	4.66e-06	-3.117e+06
122	366	-2.537e+06	0.0	-1.56e-03	0.0	0.0	3.172e+04	1.054e+04	370.06	-2.960e+04	-1.480e+04	-2.969e+06
		-2.969e+06	-1.480e+04	1.29e-04	0.0	40.0	3.172e+04	1.054e+04	370.06	-2.960e+04	0.0	-2.537e+06
122	367	-3.112e+06	0.0	1.56e-03	0.0	0.0	3.891e+04	1.174e+04	2993.96	-2.395e+05	-1.198e+05	-3.572e+06
		-3.572e+06	-1.198e+05	-1.29e-04	0.0	40.0	3.891e+04	1.174e+04	2993.96	-2.395e+05	0.0	-3.112e+06
122	374	-2.697e+06	9.343e+04	-4.69e-04	0.0	0.0	3.371e+04	1.111e+04	-2335.66	1.869e+05	9.343e+04	-3.143e+06
		-3.143e+06	0.0	4.78e-05	0.0	40.0	3.371e+04	1.111e+04	-2335.66	1.869e+05	0.0	-2.697e+06
122	375	-2.953e+06	0.0	4.63e-04	0.0	0.0	3.692e+04	1.118e+04	5699.67	-4.560e+05	-2.280e+05	-3.399e+06
		-3.399e+06	-2.280e+05	-4.83e-05	0.0	40.0	3.692e+04	1.118e+04	5699.67	-4.560e+05	0.0	-2.953e+06
125	50	-6.109e+06	1.633e+05	4.43e-03	0.0	0.0	7.637e+04	-1.944e+04	4082.62	-3.266e+05	1.633e+05	-6.887e+06
		-6.887e+06	0.0	3.27e-05	0.0	40.0	7.637e+04	-1.944e+04	4082.62	-3.266e+05	0.0	-6.109e+06
125	73	-7.475e+06	1.986e+05	5.72e-03	0.0	0.0	9.343e+04	-4.030e+04	4965.96	-3.973e+05	1.986e+05	-9.087e+06
		-9.087e+06	0.0	-4.32e-04	0.0	40.0	9.343e+04	-4.030e+04	4965.96	-3.973e+05	0.0	-7.475e+06
125	81	-6.039e+06	4.484e+05	3.32e-03	0.0	0.0	7.548e+04	-6.045e+04	1.121e+04	-8.968e+05	4.484e+05	-8.457e+06
		-8.457e+06	0.0	-9.20e-05	0.0	40.0	7.548e+04	-6.045e+04	1.121e+04	-8.968e+05	0.0	-6.039e+06
125	206	-2.745e+06	6.304e+04	1.82e-06	0.0	0.0	3.431e+04	-1.105e+04	1575.92	-1.261e+05	6.304e+04	-3.187e+06
		-3.187e+06	0.0	0.0	0.0	40.0	3.431e+04	-1.105e+04	1575.92	-1.261e+05	0.0	-2.745e+06
125	232	-3.643e+06	1.137e+05	2.52e-03	0.0	0.0	4.553e+04	-1.120e+04	2841.61	-2.273e+05	1.137e+05	-4.091e+06
		-4.091e+06	0.0	1.84e-05	0.0	40.0	4.553e+04	-1.120e+04	2841.61	-2.273e+05	0.0	-3.643e+06
125	247	-3.029e+06	2.901e+05	2.42e-03	0.0	0.0	3.786e+04	-3.864e+04	7252.82	-5.802e+05	2.901e+05	-4.574e+06
		-4.574e+06	0.0	-6.77e-05	0.0	40.0	3.786e+04	-3.864e+04	7252.82	-5.802e+05	0.0	-3.029e+06
125	270	-5.124e+06	1.745e+05	-3.34e-03	0.0	0.0	6.405e+04	-1.725e+04	4362.14	-3.490e+05	1.745e+05	-5.814e+06
		-5.814e+06	0.0	-2.03e-05	0.0	40.0	6.405e+04	-1.725e+04	4362.14	-3.490e+05	0.0	-5.124e+06
125	287	-2.880e+06	9.335e+04	3.87e-04	0.0	0.0	3.599e+04	-1.112e+04	2333.83	-1.867e+05	9.335e+04	-3.324e+06
		-3.324e+06	0.0	0.0	0.0	40.0	3.599e+04	-1.112e+04	2333.83	-1.867e+05	0.0	-2.880e+06
125	309	-2.825e+06	6.728e+04	1.86e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	6.728e+04	-3.271e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	0.0	-2.825e+06
125	310	-2.848e+06	1.048e+05	1.88e-06	0.0	0.0	3.560e+04	-1.113e+04	2620.95	-2.097e+05	1.048e+05	-3.293e+06
		-3.293e+06	0.0	0.0	0.0	40.0	3.560e+04	-1.113e+04	2620.95	-2.097e+05	0.0	-2.848e+06
125	311	-3.994e+06	9.952e+04	-2.80e-03	0.0	0.0	4.993e+04	-1.363e+04	2487.93	-1.990e+05	9.952e+04	-4.539e+06
		-4.539e+06	0.0	-1.49e-05	0.0	40.0	4.993e+04	-1.363e+04	2487.93	-1.990e+05	0.0	-3.994e+06

125	319	-3.724e+06	6.767e+04	2.86e-03	0.0	0.0	4.655e+04	-2.057e+04	1691.63	-1.353e+05	0.0	-3.724e+06
		-4.547e+06	0.0	-2.39e-04	0.0	40.0	4.655e+04	-2.057e+04	1691.63	-1.353e+05	6.767e+04	-4.547e+06
125	320	-2.926e+06	2.064e+05	1.52e-03	0.0	0.0	3.658e+04	-3.177e+04	5160.44	-4.128e+05	0.0	-2.926e+06
		-4.197e+06	0.0	-5.06e-05	0.0	40.0	3.658e+04	-3.177e+04	5160.44	-4.128e+05	2.064e+05	-4.197e+06
125	324	-2.825e+06	6.728e+04	1.86e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	0.0	-2.825e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.02	-1.346e+05	6.728e+04	-3.271e+06
125	333	-2.265e+06	1829.79	-3.34e-03	0.0	0.0	2.831e+04	-1.089e+04	45.74	-3659.58	0.0	-2.265e+06
		-2.706e+06	0.0	-2.03e-04	0.0	40.0	2.831e+04	-1.089e+04	45.74	-3659.58	1829.79	-2.706e+06
125	336	-3.385e+06	1.327e+05	3.35e-03	0.0	0.0	4.231e+04	-1.139e+04	3318.30	-2.655e+05	0.0	-3.385e+06
		-3.835e+06	0.0	2.02e-04	0.0	40.0	4.231e+04	-1.139e+04	3318.30	-2.655e+05	1.327e+05	-3.835e+06
125	341	-2.472e+06	2.99e-06	-1.01e-03	0.0	0.0	3.090e+04	-1.125e+04	-3679.10	2.943e+05	2.99e-06	-2.472e+06
		-2.919e+06	-1.472e+05	-6.02e-04	0.0	40.0	3.090e+04	-1.125e+04	-3679.10	2.943e+05	-1.472e+05	-2.919e+06
125	344	-3.178e+06	2.817e+05	1.02e-03	0.0	0.0	3.972e+04	-1.104e+04	7043.14	-5.635e+05	-2.99e-06	-3.178e+06
		-3.622e+06	-2.99e-06	6.01e-04	0.0	40.0	3.972e+04	-1.104e+04	7043.14	-5.635e+05	2.817e+05	-3.622e+06
125	365	-2.559e+06	3.182e+04	-1.69e-03	0.0	0.0	3.199e+04	-1.102e+04	795.57	-6.365e+04	0.0	-2.559e+06
		-3.003e+06	0.0	-3.32e-05	0.0	40.0	3.199e+04	-1.102e+04	795.57	-6.365e+04	3.182e+04	-3.003e+06
125	368	-3.091e+06	1.027e+05	1.69e-03	0.0	0.0	3.864e+04	-1.126e+04	2568.47	-2.055e+05	0.0	-3.091e+06
		-3.538e+06	0.0	3.27e-05	0.0	40.0	3.864e+04	-1.126e+04	2568.47	-2.055e+05	1.027e+05	-3.538e+06
125	373	-2.696e+06	0.0	-5.03e-04	0.0	0.0	3.371e+04	-1.120e+04	-1226.15	9.809e+04	0.0	-2.696e+06
		-3.146e+06	-4.905e+04	-7.34e-05	0.0	40.0	3.371e+04	-1.120e+04	-1226.15	9.809e+04	-4.905e+04	-3.146e+06
125	376	-2.953e+06	1.836e+05	5.06e-04	0.0	0.0	3.692e+04	-1.108e+04	4590.19	-3.672e+05	0.0	-2.953e+06
		-3.396e+06	0.0	7.29e-05	0.0	40.0	3.692e+04	-1.108e+04	4590.19	-3.672e+05	1.836e+05	-3.396e+06
126	73	-7.316e+06	2.763e+05	5.71e-03	0.0	0.0	9.145e+04	2.345e+04	-6907.18	5.526e+05	2.763e+05	-7.316e+06
		-8.254e+06	0.0	-4.30e-04	0.0	40.0	9.145e+04	2.345e+04	-6907.18	5.526e+05	0.0	-8.254e+06
126	89	-7.354e+06	2.002e+05	-6.06e-03	0.0	0.0	9.193e+04	4.651e+04	-5005.16	4.004e+05	2.002e+05	-7.354e+06
		-9.215e+06	0.0	4.49e-04	0.0	40.0	9.193e+04	4.651e+04	-5005.16	4.004e+05	0.0	-9.215e+06
126	206	-2.745e+06	6.304e+04	-2.86e-06	0.0	0.0	3.431e+04	1.105e+04	-1575.92	1.261e+05	6.304e+04	-3.187e+06
		-3.187e+06	0.0	0.0	0.0	40.0	3.431e+04	1.105e+04	-1575.92	1.261e+05	0.0	-2.745e+06
126	243	-3.977e+06	1.630e+05	4.19e-03	0.0	0.0	4.971e+04	1.123e+04	-4074.65	3.260e+05	1.630e+05	-3.977e+06
		-4.426e+06	0.0	-3.18e-04	0.0	40.0	4.971e+04	1.123e+04	-4074.65	3.260e+05	0.0	-3.977e+06
126	270	-5.275e+06	1.575e+05	-3.35e-03	0.0	0.0	6.594e+04	1.730e+04	-3937.45	3.150e+05	1.575e+05	-5.275e+06
		-5.967e+06	0.0	-1.90e-05	0.0	40.0	6.594e+04	1.730e+04	-3937.45	3.150e+05	0.0	-5.275e+06
126	287	-2.862e+06	9.660e+04	3.82e-04	0.0	0.0	3.578e+04	1.112e+04	-2414.92	1.932e+05	9.660e+04	-2.862e+06
		-3.307e+06	0.0	0.0	0.0	40.0	3.578e+04	1.112e+04	-2414.92	1.932e+05	0.0	-2.862e+06
126	289	-5.262e+06	1.408e+05	-3.35e-03	0.0	0.0	6.577e+04	1.734e+04	-3519.42	2.816e+05	1.408e+05	-5.262e+06
		-5.955e+06	0.0	-1.93e-05	0.0	40.0	6.577e+04	1.734e+04	-3519.42	2.816e+05	0.0	-5.262e+06
126	309	-2.825e+06	6.728e+04	-2.93e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.02	1.346e+05	6.728e+04	-3.271e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.02	1.346e+05	0.0	-2.825e+06
126	311	-4.121e+06	8.418e+04	-2.80e-03	0.0	0.0	5.151e+04	1.366e+04	-2104.38	1.684e+05	8.418e+04	-4.667e+06
		-4.667e+06	0.0	-1.42e-05	0.0	40.0	5.151e+04	1.366e+04	-2104.38	1.684e+05	0.0	-4.121e+06
126	319	-3.650e+06	1.084e+05	2.85e-03	0.0	0.0	4.563e+04	1.121e+04	-2709.10	2.167e+05	1.084e+05	-3.650e+06
		-4.099e+06	0.0	-2.39e-04	0.0	40.0	4.563e+04	1.121e+04	-2709.10	2.167e+05	0.0	-3.650e+06
126	321	-3.671e+06	6.610e+04	-3.69e-03	0.0	0.0	4.589e+04	2.402e+04	-1652.43	1.322e+05	6.610e+04	-4.632e+06
		-4.632e+06	0.0	2.50e-04	0.0	40.0	4.589e+04	2.402e+04	-1652.43	1.322e+05	0.0	-3.671e+06
126	324	-2.825e+06	6.728e+04	-2.93e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.02	1.346e+05	6.728e+04	-3.271e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.02	1.346e+05	0.0	-2.825e+06
126	325	-2.238e+06	0.0	-3.09e-03	0.0	0.0	2.798e+04	1.010e+04	3383.88	-2.707e+05	-1.354e+05	-2.238e+06
		-2.653e+06	-1.354e+05	-4.03e-04	0.0	40.0	2.798e+04	1.010e+04	3383.88	-2.707e+05	0.0	-2.238e+06
126	328	-3.412e+06	2.699e+05	3.08e-03	0.0	0.0	4.264e+04	1.219e+04	-6747.93	5.398e+05	2.699e+05	-3.888e+06
		-3.888e+06	0.0	4.04e-04	0.0	40.0	4.264e+04	1.219e+04	-6747.93	5.398e+05	0.0	-3.412e+06
126	345	-2.527e+06	0.0	-9.47e-04	0.0	0.0	3.159e+04	1.152e+04	1.450e+04	-1.160e+06	-5.800e+05	-2.527e+06
		-2.963e+06	-5.800e+05	-5.78e-04	0.0	40.0	3.159e+04	1.152e+04	1.450e+04	-1.160e+06	0.0	-2.527e+06
126	348	-3.123e+06	7.145e+05	9.41e-04	0.0	0.0	3.903e+04	1.077e+04	-1.786e+04	1.429e+06	7.145e+05	-3.578e+06
		-3.578e+06	0.0	5.78e-04	0.0	40.0	3.903e+04	1.077e+04	-1.786e+04	1.429e+06	0.0	-3.123e+06
126	357	-2.537e+06	1.480e+04	-1.56e-03	0.0	0.0	3.172e+04	1.054e+04	-370.07	2.961e+04	1.480e+04	-2.969e+06
		-2.969e+06	0.0	-1.29e-04	0.0	40.0	3.172e+04	1.054e+04	-370.07	2.961e+04	0.0	-2.537e+06
126	360	-3.112e+06	1.198e+05	1.56e-03	0.0	0.0	3.891e+04	1.174e+04	-2993.97	2.395e+05	1.198e+05	-3.572e+06
		-3.572e+06	0.0	1.29e-04	0.0	40.0	3.891e+04	1.174e+04	-2993.97	2.395e+05	0.0	-3.112e+06
126	377	-2.697e+06	0.0	-4.69e-04	0.0	0.0	3.371e+04	1.111e+04	2335.64	-1.869e+05	-9.343e+04	-3.143e+06
		-3.143e+06	-9.343e+04	-4.78e-05	0.0	40.0	3.371e+04	1.111e+04	2335.64	-1.869e+05	0.0	-2.697e+06
126	380	-2.953e+06	2.280e+05	4.63e-04	0.0	0.0	3.692e+04	1.118e+04	-5699.69	4.560e+05	2.280e+05	-3.399e+06
		-3.399e+06	0.0	4.83e-05	0.0	40.0	3.692e+04	1.118e+04	-5699.69	4.560e+05	0.0	-2.953e+06
129	73	-8.087e+06	6.954e+04	5.74e-03	0.0	0.0	1.011e+05	-4.758e+04	1738.51	-1.391e+05	6.954e+04	-9.990e+06
		-9.990e+06	0.0	-4.28e-04	0.0	40.0	1.011e+05	-4.758e+04	1738.51	-1.391e+05	0.0	-8.087e+06
129	82	-5.420e+06	0.0	3.35e-03	0.0	0.0	6.775e+04	-5.873e+04	-1158.23	9.266e+04	0.0	-5.420e+06
		-7.770e+06	-4.633e+04	-7.55e-05	0.0	40.0	6.775e+04	-5.873e+04	-1158.23	9.266e+04	-4.633e+04	-7.770e+06
129	89	-7.990e+06	1.784e+05	-6.07e-03	0.0	0.0	9.987e+04	-2.649e+04	4458.98	-3.567e+05	1.784e+05	-9.049e+06
		-9.049e+06	0.0	4.42e-04	0.0	40.0	9.987e+04	-2.649e+04	4458.98	-3.567e+05	0.0	-7.990e+06
129	206	-2.736e+06	4.635e+04	1.84e-06	0.0	0.0	3.420e+04	-1.151e+04	1158.82	-9.271e+04	0.0	-2.736e+06
		-3.196e+06	0.0	0.0	0.0	40.0	3.420e+04	-1.151e+04	1158.82	-9.271e+04	4.635e+04	-3.196e+06
129	247	-3.116e+06	0.0	2.44e-03	0.0	0.0	3.895e+04	-3.951e+04	-1024.60	8.197e+04	-4.098e+04	-4.696e+06
		-4.696e+06	-4.098e+04	-5.56e-05	0.0	40.0	3.895e+04	-3.951e+04	-1024.60	8.197e+04	0.0	-3.116e+06
129	251	-4.211e+06	1.158e+05	-4.55e-03	0.0	0.0	5.263e+04	-1.201e+04	2895.35	-2.316e+05	1.158e+05	-4.691e+06
		-4.691e+06	0.0	3.28e-04	0.0	40.0	5.263e+04	-1.201e+04	2895.35	-2.316e+05	0.0	-4.211e+06
129	270	-5.457e+06	1.132e+05	-3.35e-03	0.0	0.0	6.821e+04	-1.967e+04	2828.96	-2.263e+05	1.132e+05	-6.244e+06
		-6.244e+06	0.0	-1.60e-05	0.0	40.0	6.821e+04	-1.967e+04	2828.96	-2.263e+05	0.0	-5.457e+06
129	287	-2.904e+06	5.988e+04	3.87e-04	0.0	0.0	3.630e+04	-1.203e+04	1497.10	-1.198e+05	0.0	-2.904e+06

	-3.386e+06	0.0	0.0	0.0	40.0	3.630e+04	-1.203e+04	1497.10	-1.198e+05	5.988e+04	-3.386e+06	
129	309	-2.825e+06	4.421e+04	1.91e-06	0.0	0.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	0.0	-2.825e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	4.421e+04	-3.308e+06
129	311	-4.107e+06	7.177e+04	-2.80e-03	0.0	0.0	5.134e+04	-1.506e+04	1794.23	-1.435e+05	0.0	-4.107e+06
		-4.710e+06	0.0	-1.15e-05	0.0	40.0	5.134e+04	-1.506e+04	1794.23	-1.435e+05	7.177e+04	-4.710e+06
129	319	-3.833e+06	2.182e+04	2.87e-03	0.0	0.0	4.792e+04	-2.374e+04	545.51	-4.364e+04	0.0	-3.833e+06
		-4.783e+06	0.0	-2.37e-04	0.0	40.0	4.792e+04	-2.374e+04	545.51	-4.364e+04	2.182e+04	-4.783e+06
129	320	-2.958e+06	0.0	1.54e-03	0.0	0.0	3.698e+04	-3.265e+04	-883.08	7.065e+04	0.0	-2.958e+06
		-4.264e+06	-3.532e+04	-4.12e-05	0.0	40.0	3.698e+04	-3.265e+04	-883.08	7.065e+04	-3.532e+04	-4.264e+06
129	321	-3.779e+06	8.228e+04	-3.70e-03	0.0	0.0	4.724e+04	-1.202e+04	2056.88	-1.646e+05	0.0	-3.779e+06
		-4.260e+06	0.0	2.46e-04	0.0	40.0	4.724e+04	-1.202e+04	2056.88	-1.646e+05	8.228e+04	-4.260e+06
129	324	-3.706e+06	4.421e+04	1.91e-06	0.0	0.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	0.0	-3.706e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.207e+04	1105.28	-8.842e+04	4.421e+04	-3.308e+06
129	341	-1.950e+06	-1.03e-06	-1.02e-03	0.0	0.0	2.438e+04	-1.156e+04	-1865.19	1.492e+05	-1.03e-06	-1.950e+06
		-2.436e+06	-7.461e+04	-6.07e-04	0.0	40.0	2.438e+04	-1.156e+04	-1865.19	1.492e+05	-7.461e+04	-2.436e+06
129	344	-3.700e+06	1.630e+05	1.02e-03	0.0	0.0	4.625e+04	-1.235e+04	4075.74	-3.261e+05	1.03e+05	-3.700e+06
		-4.180e+06	1.03e-06	6.07e-04	0.0	40.0	4.625e+04	-1.235e+04	4075.74	-3.261e+05	1.630e+05	-4.180e+06
129	345	-1.945e+06	0.0	-1.03e-03	0.0	0.0	2.431e+04	-1.156e+04	-1713.91	1.371e+05	0.0	-1.945e+06
		-2.431e+06	-6.856e+04	-6.20e-04	0.0	40.0	2.431e+04	-1.156e+04	-1713.91	1.371e+05	-6.856e+04	-2.431e+06
129	348	-3.706e+06	1.570e+05	1.03e-03	0.0	0.0	4.632e+04	-1.259e+04	3924.46	-3.140e+05	1.570e+05	-3.706e+06
		-4.185e+06	0.0	6.20e-04	0.0	40.0	4.632e+04	-1.259e+04	3924.46	-3.140e+05	1.570e+05	-4.185e+06
129	365	-2.495e+06	2.800e+04	-1.70e-03	0.0	0.0	3.118e+04	-1.214e+04	699.90	-5.599e+04	0.0	-2.495e+06
		-2.979e+06	0.0	-3.28e-05	0.0	40.0	3.118e+04	-1.214e+04	699.90	-5.599e+04	2.800e+04	-2.979e+06
129	368	-3.156e+06	6.043e+04	1.70e-03	0.0	0.0	3.945e+04	-1.201e+04	1510.66	-1.209e+05	0.0	-3.156e+06
		-3.638e+06	0.0	3.25e-05	0.0	40.0	3.945e+04	-1.201e+04	1510.66	-1.209e+05	6.043e+04	-3.638e+06
129	373	-2.505e+06	0.0	-5.02e-04	0.0	0.0	3.131e+04	-1.180e+04	-609.18	4.873e+04	0.0	-2.505e+06
		-2.998e+06	-2.437e+04	-7.39e-05	0.0	40.0	3.131e+04	-1.180e+04	-609.18	4.873e+04	-2.437e+04	-2.998e+06
129	376	-3.145e+06	1.128e+05	5.06e-04	0.0	0.0	3.932e+04	-1.235e+04	2819.73	-2.256e+05	0.0	-3.145e+06
		-3.619e+06	0.0	7.36e-05	0.0	40.0	3.932e+04	-1.235e+04	2819.73	-2.256e+05	1.128e+05	-3.619e+06
130	73	-8.061e+06	1.850e+05	5.73e-03	0.0	0.0	1.008e+05	2.648e+04	-4624.07	3.699e+05	1.850e+05	-9.120e+06
		-9.120e+06	0.0	-4.27e-04	0.0	40.0	1.008e+05	2.648e+04	-4624.07	3.699e+05	0.0	-8.061e+06
130	89	-7.954e+06	4.809e+04	-6.09e-03	0.0	0.0	9.943e+04	5.427e+04	-1202.32	9.619e+04	4.809e+04	-1.013e+07
		-1.013e+07	0.0	4.43e-04	0.0	40.0	9.943e+04	5.427e+04	-1202.32	9.619e+04	0.0	-7.954e+06
130	205	-3.827e+06	5.936e+04	-4.05e-06	0.0	0.0	4.784e+04	1.639e+04	-1484.09	1.187e+05	5.936e+04	-4.483e+06
		-4.483e+06	0.0	0.0	0.0	40.0	4.784e+04	1.639e+04	-1484.09	1.187e+05	0.0	-3.827e+06
130	206	-2.736e+06	4.635e+04	-2.88e-06	0.0	0.0	3.420e+04	1.151e+04	-1158.81	9.271e+04	4.635e+04	-3.196e+06
		-3.196e+06	0.0	0.0	0.0	40.0	3.420e+04	1.151e+04	-1158.81	9.271e+04	0.0	-2.736e+06
130	243	-4.265e+06	1.206e+05	4.20e-03	0.0	0.0	5.331e+04	1.200e+04	-3016.04	2.413e+05	1.206e+05	-4.745e+06
		-4.745e+06	0.0	-3.16e-04	0.0	40.0	5.331e+04	1.200e+04	-3016.04	2.413e+05	0.0	-4.265e+06
130	270	-5.577e+06	1.084e+05	-3.36e-03	0.0	0.0	6.971e+04	1.964e+04	-2709.06	2.167e+05	1.084e+05	-6.362e+06
		-6.362e+06	0.0	-1.51e-05	0.0	40.0	6.971e+04	1.964e+04	-2709.06	2.167e+05	0.0	-5.577e+06
130	287	-2.891e+06	6.318e+04	3.82e-04	0.0	0.0	3.614e+04	1.203e+04	-1579.61	1.264e+05	6.318e+04	-3.372e+06
		-3.372e+06	0.0	0.0	0.0	40.0	3.614e+04	1.203e+04	-1579.61	1.264e+05	0.0	-2.891e+06
130	309	-2.825e+06	4.421e+04	-2.99e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	4.421e+04	-3.308e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	0.0	-2.825e+06
130	311	-4.207e+06	6.562e+04	-2.81e-03	0.0	0.0	5.259e+04	1.504e+04	-1640.60	1.312e+05	6.562e+04	-4.809e+06
		-4.809e+06	0.0	-1.10e-05	0.0	40.0	5.259e+04	1.504e+04	-1640.60	1.312e+05	0.0	-4.207e+06
130	319	-3.830e+06	8.330e+04	2.86e-03	0.0	0.0	4.787e+04	1.202e+04	-2082.51	1.666e+05	8.330e+04	-4.311e+06
		-4.311e+06	0.0	-2.37e-04	0.0	40.0	4.787e+04	1.202e+04	-2082.51	1.666e+05	0.0	-3.830e+06
130	321	-3.771e+06	7261.56	-3.70e-03	0.0	0.0	4.713e+04	2.746e+04	-181.54	1.452e+04	7261.56	-4.869e+06
		-4.869e+06	0.0	2.47e-04	0.0	40.0	4.713e+04	2.746e+04	-181.54	1.452e+04	0.0	-3.771e+06
130	324	-2.825e+06	4.421e+04	-2.99e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	4.421e+04	-3.308e+06
		-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.27	8.842e+04	0.0	-2.825e+06
130	341	-2.017e+06	0.0	-9.55e-04	0.0	0.0	2.521e+04	1.070e+04	7865.69	-6.293e+05	-3.146e+05	-2.525e+06
		-2.525e+06	-3.146e+05	-7.09e-04	0.0	40.0	2.521e+04	1.070e+04	7865.69	-6.293e+05	0.0	-2.017e+06
130	344	-3.634e+06	4.030e+05	9.49e-04	0.0	0.0	4.543e+04	1.345e+04	-1.008e+04	8.061e+05	4.030e+05	-4.091e+06
		-4.091e+06	0.0	7.09e-04	0.0	40.0	4.543e+04	1.345e+04	-1.008e+04	8.061e+05	0.0	-3.634e+06
130	345	-2.021e+06	0.0	-9.42e-04	0.0	0.0	2.527e+04	1.070e+04	7970.48	-6.376e+05	-3.188e+05	-2.530e+06
		-2.530e+06	-3.188e+05	-5.83e-04	0.0	40.0	2.527e+04	1.070e+04	7970.48	-6.376e+05	0.0	-2.021e+06
130	348	-3.629e+06	4.072e+05	9.36e-04	0.0	0.0	4.537e+04	1.345e+04	-1.018e+04	8.145e+05	4.072e+05	-4.087e+06
		-4.087e+06	0.0	5.83e-04	0.0	40.0	4.537e+04	1.345e+04	-1.018e+04	8.145e+05	0.0	-3.629e+06
130	357	-2.481e+06	1.144e+04	-1.57e-03	0.0	0.0	3.101e+04	1.264e+04	-285.94	2.287e+04	1.144e+04	-2.954e+06
		-2.954e+06	0.0	-1.30e-04	0.0	40.0	3.101e+04	1.264e+04	-285.94	2.287e+04	0.0	-2.481e+06
130	360	-3.170e+06	7.698e+04	1.56e-03	0.0	0.0	3.962e+04	1.151e+04	-1924.61	1.540e+05	7.698e+04	-3.663e+06
		-3.663e+06	0.0	1.30e-04	0.0	40.0	3.962e+04	1.151e+04	-1924.61	1.540e+05	0.0	-3.170e+06
130	377	-2.506e+06	0.0	-4.66e-04	0.0	0.0	3.132e+04	1.184e+04	1282.40	-1.026e+05	-5.130e+04	-2.998e+06
		-2.998e+06	-5.130e+04	-4.85e-05	0.0	40.0	3.132e+04	1.184e+04	1282.40	-1.026e+05	0.0	-2.506e+06
130	380	-3.145e+06	1.397e+05	4.60e-04	0.0	0.0	3.931e+04	1.231e+04	-3492.94	2.794e+05	1.397e+05	-3.618e+06
		-3.618e+06	0.0	4.88e-05	0.0	40.0	3.931e+04	1.231e+04	-3492.94	2.794e+05	0.0	-3.145e+06
133	73	-6.211e+06	0.0	2.49e-03	0.0	0.0	7.763e+04	-1.863e+04	-3363.65	2.691e+05	0.0	-6.211e+06
		-6.956e+06	-1.345e+05	4.13e-05	0.0	40.0	7.763e+04	-1.863e+04	-3363.65	2.691e+05	-1.345e+05	-6.956e+06
133	97	-5.509e+06	0.0	3.78e-03	0.0	0.0	6.886e+04	-3.637e+04	-951.99	7.616e+04	0.0	-5.509e+06
		-6.963e+06	-3.808e+04	-4.72e-04	0.0	40.0	6.886e+04	-3.637e+04	-951.99	7.616e+04	-3.808e+04	-6.963e+06
133	100	-3.667e+06	815.36	2.93e-03	0.0	0.0	4.584e+04	-2.564e+04	20.38	-1630.71	0.0	-3.667e+06
		-4.692e+06	0.0	-3.71e-04	0.0	40.0	4.584e+04	-2.564e+04	20.38	-1630.71	815.36	-4.692e+06
133	206	-2.736e+06	0.0	1.11e-06	0.0	0.0	3.420e+04	-1.151e+04	-1158.88	9.271e+04	0.0	-2.736e+06
		-3.196e+06	-4.636e+04	0.0	0.0	40.0	3.420e+04	-1.151e+04	-1158.88	9.271e+04	-4.636e+04	-3.196e+06

133	256	-3.234e+06	213.08	2.14e-03	0.0	0.0	4.043e+04	-2.188e+04	5.33	-426.16	0.0	-3.234e+06
		-4.109e+06	0.0	-2.77e-04	0.0	40.0	4.043e+04	-2.188e+04	5.33	-426.16	213.08	-4.109e+06
133	267	-2.854e+06	0.0	2.60e-04	0.0	0.0	3.567e+04	-1.204e+04	-409.53	3.276e+04	0.0	-2.854e+06
		-3.335e+06	-1.638e+04	-2.16e-05	0.0	40.0	3.567e+04	-1.204e+04	-409.53	3.276e+04	-1.638e+04	-3.335e+06
133	289	-4.345e+06	0.0	-5.49e-03	0.0	0.0	5.431e+04	-1.383e+04	-2147.82	1.718e+05	0.0	-4.345e+06
		-4.898e+06	-8.591e+04	1.99e-04	0.0	40.0	5.431e+04	-1.383e+04	-2147.82	1.718e+05	-8.591e+04	-4.898e+06
133	310	-2.770e+06	0.0	1.11e-06	0.0	0.0	3.463e+04	-1.207e+04	-594.55	4.756e+04	0.0	-2.770e+06
		-3.253e+06	-2.378e+04	-1.45e-05	0.0	40.0	3.463e+04	-1.207e+04	-594.55	4.756e+04	-2.378e+04	-3.253e+06
133	311	-3.660e+06	0.0	-4.31e-03	0.0	0.0	4.575e+04	-1.273e+04	-1871.93	1.498e+05	0.0	-3.660e+06
		-4.169e+06	-7.488e+04	1.54e-04	0.0	40.0	4.575e+04	-1.273e+04	-1871.93	1.498e+05	-7.488e+04	-4.169e+06
133	319	-3.578e+06	0.0	1.17e-03	0.0	0.0	4.472e+04	-1.203e+04	-1955.74	1.565e+05	0.0	-3.578e+06
		-4.059e+06	-7.823e+04	2.71e-05	0.0	40.0	4.472e+04	-1.203e+04	-1955.74	1.565e+05	-7.823e+04	-4.059e+06
133	324	-2.825e+06	0.0	1.17e-06	0.0	0.0	3.532e+04	-1.207e+04	-1105.34	8.843e+04	0.0	-2.825e+06
		-3.308e+06	-4.421e+04	0.0	0.0	40.0	3.532e+04	-1.207e+04	-1105.34	8.843e+04	-4.421e+04	-3.308e+06
133	326	-1.301e+06	4.254e+04	-1.64e-03	0.0	0.0	1.627e+04	-1.303e+04	1063.59	-8.509e+04	0.0	-1.301e+06
		-1.764e+06	0.0	-4.43e-04	0.0	40.0	1.627e+04	-1.303e+04	1063.59	-8.509e+04	4.254e+04	-1.764e+06
133	327	-4.349e+06	0.0	1.64e-03	0.0	0.0	5.437e+04	-1.112e+04	-3274.26	2.619e+05	0.0	-4.349e+06
		-4.853e+06	-1.310e+05	4.43e-04	0.0	40.0	5.437e+04	-1.112e+04	-3274.26	2.619e+05	-1.310e+05	-4.853e+06
133	346	-1.824e+06	2.105e+05	-6.94e-04	0.0	0.0	2.280e+04	-1.097e+04	5263.50	-4.211e+05	-1.28e-06	-1.824e+06
		-2.329e+06	-1.28e-06	-4.40e-04	0.0	40.0	2.280e+04	-1.097e+04	5263.50	-4.211e+05	2.105e+05	-2.329e+06
133	347	-3.827e+06	1.28e-06	6.97e-04	0.0	0.0	4.783e+04	-1.318e+04	-7474.17	5.979e+05	1.28e-06	-3.827e+06
		-4.288e+06	-2.990e+05	4.41e-04	0.0	40.0	4.783e+04	-1.318e+04	-7474.17	5.979e+05	-2.990e+05	-4.288e+06
133	358	-2.096e+06	0.0	-8.24e-04	0.0	0.0	2.620e+04	-1.268e+04	-280.21	2.242e+04	0.0	-2.096e+06
		-2.568e+06	-1.121e+04	-1.82e-04	0.0	40.0	2.620e+04	-1.268e+04	-280.21	2.242e+04	-1.121e+04	-2.568e+06
133	359	-3.554e+06	0.0	8.26e-04	0.0	0.0	4.443e+04	-1.147e+04	-1930.47	1.544e+05	0.0	-3.554e+06
		-4.049e+06	-7.722e+04	1.82e-04	0.0	40.0	4.443e+04	-1.147e+04	-1930.47	1.544e+05	-7.722e+04	-4.049e+06
133	378	-2.438e+06	4.857e+04	-3.57e-04	0.0	0.0	3.048e+04	-1.191e+04	1214.29	-9.714e+04	0.0	-2.438e+06
		-2.927e+06	0.0	-9.10e-05	0.0	40.0	3.048e+04	-1.191e+04	1214.29	-9.714e+04	4.857e+04	-2.927e+06
133	379	-3.213e+06	0.0	3.59e-04	0.0	0.0	4.016e+04	-1.224e+04	-3424.97	2.740e+05	0.0	-3.213e+06
		-3.690e+06	-1.370e+05	9.13e-05	0.0	40.0	4.016e+04	-1.224e+04	-3424.97	2.740e+05	-1.370e+05	-3.690e+06
134	73	-6.136e+06	0.0	2.48e-03	0.0	0.0	7.670e+04	1.862e+04	3074.08	-2.459e+05	-1.230e+05	-6.881e+06
		-6.881e+06	-1.230e+05	4.03e-05	0.0	40.0	7.670e+04	1.862e+04	3074.08	-2.459e+05	0.0	-6.136e+06
134	105	-5.652e+06	0.0	-8.05e-03	0.0	0.0	7.065e+04	3.635e+04	1450.19	-1.160e+05	-5.801e+04	-7.106e+06
		-7.106e+06	-5.801e+04	4.22e-04	0.0	40.0	7.065e+04	3.635e+04	1450.19	-1.160e+05	0.0	-5.652e+06
134	165	-5.936e+06	0.0	-7.38e-03	0.0	0.0	7.420e+04	2.774e+04	3231.28	-2.585e+05	-1.293e+05	-7.046e+06
		-7.046e+06	-1.293e+05	2.66e-04	0.0	40.0	7.420e+04	2.774e+04	3231.28	-2.585e+05	0.0	-5.936e+06
134	206	-2.736e+06	0.0	-3.71e-06	0.0	0.0	3.420e+04	1.150e+04	1159.16	-9.273e+04	-4.637e+04	-3.196e+06
		-3.196e+06	-4.637e+04	0.0	0.0	40.0	3.420e+04	1.150e+04	1159.16	-9.273e+04	0.0	-2.736e+06
134	267	-2.847e+06	0.0	2.55e-04	0.0	0.0	3.558e+04	1.203e+04	525.29	-4.202e+04	-2.101e+04	-3.328e+06
		-3.328e+06	-2.101e+04	-2.18e-05	0.0	40.0	3.558e+04	1.203e+04	525.29	-4.202e+04	0.0	-2.847e+06
134	289	-4.379e+06	0.0	-5.50e-03	0.0	0.0	5.473e+04	2.047e+04	2427.77	-1.942e+05	-9.711e+04	-5.198e+06
		-5.198e+06	-9.711e+04	1.98e-04	0.0	40.0	5.473e+04	2.047e+04	2427.77	-1.942e+05	0.0	-4.379e+06
134	310	-2.771e+06	0.0	-3.83e-06	0.0	0.0	3.464e+04	1.206e+04	621.65	-4.973e+04	-2.487e+04	-3.254e+06
		-3.254e+06	-2.487e+04	-1.47e-05	0.0	40.0	3.464e+04	1.206e+04	621.65	-4.973e+04	0.0	-2.771e+06
134	311	-3.691e+06	0.0	-4.32e-03	0.0	0.0	4.614e+04	1.771e+04	2017.41	-1.614e+05	-8.070e+04	-4.400e+06
		-4.400e+06	-8.070e+04	1.53e-04	0.0	40.0	4.614e+04	1.771e+04	2017.41	-1.614e+05	0.0	-3.691e+06
134	324	-2.825e+06	0.0	-3.83e-06	0.0	0.0	3.532e+04	1.207e+04	1105.62	-8.845e+04	-4.422e+04	-3.308e+06
		-3.308e+06	-4.422e+04	0.0	0.0	40.0	3.532e+04	1.207e+04	1105.62	-8.845e+04	0.0	-2.825e+06
134	327	-4.369e+06	0.0	2.52e-03	0.0	0.0	5.462e+04	9656.32	2867.56	-2.294e+05	-1.147e+05	-4.902e+06
		-4.902e+06	-1.147e+05	1.50e-04	0.0	40.0	5.462e+04	9656.32	2867.56	-2.294e+05	0.0	-4.369e+06
134	334	-1.281e+06	2.191e+04	-1.78e-03	0.0	0.0	1.602e+04	1.445e+04	-547.63	4.381e+04	2.191e+04	-1.716e+06
		-1.716e+06	0.0	-1.34e-04	0.0	40.0	1.602e+04	1.445e+04	-547.63	4.381e+04	0.0	-1.281e+06
134	335	-4.370e+06	0.0	1.78e-03	0.0	0.0	5.462e+04	9683.09	2758.86	-2.207e+05	-1.104e+05	-4.900e+06
		-4.900e+06	-1.104e+05	1.33e-04	0.0	40.0	5.462e+04	9683.09	2758.86	-2.207e+05	0.0	-4.370e+06
134	342	-1.772e+06	9.427e+04	-7.48e-04	0.0	0.0	2.215e+04	1.206e+04	-2356.81	1.885e+05	9.427e+04	-2.237e+06
		-2.237e+06	-2.27e-06	-4.82e-04	0.0	40.0	2.215e+04	1.206e+04	-2356.81	1.885e+05	-2.27e-06	-1.772e+06
134	343	-3.879e+06	2.27e-06	7.40e-04	0.0	0.0	4.848e+04	1.208e+04	4568.05	-3.654e+05	-1.827e+05	-3.879e+06
		-4.380e+06	-1.827e+05	4.81e-04	0.0	40.0	4.848e+04	1.208e+04	4568.05	-3.654e+05	2.27e-06	-3.80e+06
134	359	-3.560e+06	0.0	1.28e-03	0.0	0.0	4.450e+04	1.084e+04	1957.01	-1.566e+05	-7.828e+04	-4.067e+06
		-4.067e+06	-7.828e+04	4.06e-05	0.0	40.0	4.450e+04	1.084e+04	1957.01	-1.566e+05	0.0	-3.560e+06
134	366	-2.091e+06	0.0	-9.11e-04	0.0	0.0	2.613e+04	1.329e+04	308.68	-2.469e+04	-1.235e+04	-2.550e+06
		-2.550e+06	-1.235e+04	-3.24e-05	0.0	40.0	2.613e+04	1.329e+04	308.68	-2.469e+04	0.0	-2.091e+06
134	367	-3.560e+06	0.0	9.03e-04	0.0	0.0	4.450e+04	1.085e+04	1902.56	-1.522e+05	-7.610e+04	-4.066e+06
		-4.066e+06	-7.610e+04	3.20e-05	0.0	40.0	4.450e+04	1.085e+04	1902.56	-1.522e+05	0.0	-3.560e+06
134	374	-2.427e+06	2.101e+04	-3.89e-04	0.0	0.0	3.034e+04	1.205e+04	-525.24	4.202e+04	2.101e+04	-2.903e+06
		-2.903e+06	0.0	-1.26e-04	0.0	40.0	3.034e+04	1.205e+04	-525.24	4.202e+04	0.0	-2.427e+06
134	375	-3.224e+06	0.0	3.81e-04	0.0	0.0	4.030e+04	1.209e+04	2736.48	-2.189e+05	-1.095e+05	-3.713e+06
		-3.713e+06	-1.095e+05	1.26e-04	0.0	40.0	4.030e+04	1.209e+04	2736.48	-2.189e+05	0.0	-3.224e+06
137	73	-6.666e+06	0.0	2.49e-03	0.0	0.0	8.332e+04	-2.071e+04	-3480.98	2.785e+05	0.0	-6.666e+06
		-7.494e+06	-1.392e+05	3.83e-05	0.0	40.0	8.332e+04	-2.071e+04	-3480.98	2.785e+05	-1.392e+05	-7.494e+06
137	97	-6.394e+06	0.0	3.77e-03	0.0	0.0	7.993e+04	-4.212e+04	-90.97	7277.98	0.0	-6.394e+06
		-8.079e+06	-3638.99	-4.62e-04	0.0	40.0	7.993e+04	-4.212e+04	-90.97	7277.98	-3638.99	-8.079e+06
137	100	-4.226e+06	4.319e+04	2.92e-03	0.0	0.0	5.282e+04	-2.936e+04	1079.68	-8.637e+04	0.0	-4.226e+06
		-5.400e+06	0.0	-3.63e-04	0.0	40.0	5.282e+04	-2.936e+04	1079.68	-8.637e+04	4.319e+04	-5.400e+06
137	206	-2.745e+06	0.0	1.10e-06	0.0	0.0	3.431e+04	-1.105e+04	-1575.96	1.261e+05	0.0	-2.745e+06
		-3.187e+06	-6.304e+04	0.0	0.0	40.0	3.431e+04	-1.105e+04	-1575.96	1.261e+05	-6.304e+04	-3.187e+06
137	243	-3.916e+06	0.0	1.81e-03	0.0	0.0	4.895e+04	-1.119e+04	-2173.25	1.739e+05	0.0	-3.916e+06

		-4.364e+06	-8.693e+04	1.99e-05	0.0	40.0	4.895e+04	-1.119e+04	-2173.25	1.739e+05	-8.693e+04	-4.364e+06
137	256	-3.512e+06	1.419e+04	2.14e-03	0.0	0.0	4.390e+04	-2.308e+04	354.78	-2.838e+04	0.0	-3.512e+06
		-4.435e+06	0.0	-2.71e-04	0.0	40.0	4.390e+04	-2.308e+04	354.78	-2.838e+04	1.419e+04	-4.435e+06
137	267	-2.913e+06	0.0	2.60e-04	0.0	0.0	3.641e+04	-1.115e+04	-345.03	2.760e+04	0.0	-2.913e+06
		-3.359e+06	-1.380e+04	-2.17e-05	0.0	40.0	3.641e+04	-1.115e+04	-345.03	2.760e+04	-1.380e+04	-3.359e+06
137	289	-4.802e+06	0.0	-5.48e-03	0.0	0.0	6.002e+04	-1.527e+04	-1846.03	1.477e+05	0.0	-4.802e+06
		-5.413e+06	-7.384e+04	2.01e-04	0.0	40.0	6.002e+04	-1.527e+04	-1846.03	1.477e+05	-7.384e+04	-5.413e+06
137	310	-2.807e+06	0.0	1.10e-06	0.0	0.0	3.508e+04	-1.115e+04	-767.63	6.141e+04	0.0	-2.807e+06
		-3.253e+06	-3.071e+04	-1.44e-05	0.0	40.0	3.508e+04	-1.115e+04	-767.63	6.141e+04	-3.071e+04	-3.253e+06
137	311	-3.878e+06	0.0	-4.31e-03	0.0	0.0	4.847e+04	-1.282e+04	-2108.16	1.687e+05	0.0	-3.878e+06
		-4.391e+06	-8.433e+04	1.55e-04	0.0	40.0	4.847e+04	-1.282e+04	-2108.16	1.687e+05	-8.433e+04	-4.391e+06
137	319	-3.567e+06	0.0	1.17e-03	0.0	0.0	4.459e+04	-1.117e+04	-2701.72	2.161e+05	0.0	-3.567e+06
		-4.014e+06	-1.081e+05	2.56e-05	0.0	40.0	4.459e+04	-1.117e+04	-2701.72	2.161e+05	-1.081e+05	-4.014e+06
137	324	-2.825e+06	0.0	1.12e-06	0.0	0.0	3.531e+04	-1.114e+04	-1682.07	1.346e+05	0.0	-2.825e+06
		-3.271e+06	-6.728e+04	0.0	0.0	40.0	3.531e+04	-1.114e+04	-1682.07	1.346e+05	-6.728e+04	-3.271e+06
137	326	-1.465e+06	1.023e+05	-1.64e-03	0.0	0.0	1.832e+04	-1.001e+04	2558.29	-2.047e+05	1.023e+05	-1.465e+06
		-1.881e+06	0.0	-4.41e-04	0.0	40.0	1.832e+04	-1.001e+04	2558.29	-2.047e+05	0.0	-1.881e+06
137	327	-4.185e+06	0.0	1.64e-03	0.0	0.0	5.231e+04	-1.228e+04	-5922.42	4.738e+05	0.0	-4.185e+06
		-4.660e+06	-2.369e+05	4.42e-04	0.0	40.0	5.231e+04	-1.228e+04	-5922.42	4.738e+05	-2.369e+05	-4.660e+06
137	346	-2.315e+06	3.969e+05	-7.00e-04	0.0	0.0	2.894e+04	-1.139e+04	9922.39	-7.938e+05	3.969e+05	-2.315e+06
		-2.760e+06	2.08e-06	-4.37e-04	0.0	40.0	2.894e+04	-1.139e+04	9922.39	-7.938e+05	0.0	-2.760e+06
137	347	-3.335e+06	-2.08e-06	7.02e-04	0.0	0.0	4.169e+04	-1.089e+04	-1.329e+04	1.063e+06	-2.08e-06	-3.335e+06
		-3.781e+06	-5.315e+05	4.37e-04	0.0	40.0	4.169e+04	-1.089e+04	-1.329e+04	1.063e+06	-5.315e+05	-3.781e+06
137	358	-2.152e+06	0.0	-8.27e-04	0.0	0.0	2.690e+04	-1.051e+04	-104.67	8373.36	0.0	-2.152e+06
		-2.583e+06	-4186.68	-1.81e-04	0.0	40.0	2.690e+04	-1.051e+04	-104.67	8373.36	-4186.68	-2.583e+06
137	359	-3.498e+06	0.0	8.29e-04	0.0	0.0	4.373e+04	-1.177e+04	-3259.46	2.608e+05	0.0	-3.498e+06
		-3.959e+06	-1.304e+05	1.82e-04	0.0	40.0	4.373e+04	-1.177e+04	-3259.46	2.608e+05	-1.304e+05	-3.959e+06
137	378	-2.595e+06	9.235e+04	-3.60e-04	0.0	0.0	3.244e+04	-1.109e+04	2308.83	-1.847e+05	9.235e+04	-2.595e+06
		-3.041e+06	0.0	-9.01e-05	0.0	40.0	3.244e+04	-1.109e+04	2308.83	-1.847e+05	0.0	-3.041e+06
137	379	-3.054e+06	0.0	3.63e-04	0.0	0.0	3.818e+04	-1.120e+04	-5672.96	4.538e+05	0.0	-3.054e+06
		-3.500e+06	-2.269e+05	9.06e-05	0.0	40.0	3.818e+04	-1.120e+04	-5672.96	4.538e+05	-2.269e+05	-3.500e+06
138	105	-6.538e+06	0.0	-8.04e-03	0.0	0.0	8.172e+04	4.210e+04	971.88	-7.775e+04	-3.888e+04	-6.538e+06
		-8.222e+06	-3.888e+04	4.18e-04	0.0	40.0	8.172e+04	4.210e+04	971.88	-7.775e+04	0.0	-8.222e+06
138	108	-4.329e+06	1.296e+04	-5.92e-03	0.0	0.0	5.411e+04	2.935e+04	-323.99	2.592e+04	1.296e+04	-5.503e+06
		-5.503e+06	0.0	2.96e-04	0.0	40.0	5.411e+04	2.935e+04	-323.99	2.592e+04	0.0	-4.329e+06
138	165	-6.667e+06	0.0	-7.37e-03	0.0	0.0	8.334e+04	3.139e+04	3022.60	-2.418e+05	-1.209e+05	-7.923e+06
		-7.923e+06	-1.209e+05	2.68e-04	0.0	40.0	8.334e+04	3.139e+04	3022.60	-2.418e+05	0.0	-6.667e+06
138	206	-2.745e+06	0.0	-3.69e-06	0.0	0.0	3.431e+04	1.104e+04	1576.12	-1.261e+05	-6.304e+04	-3.187e+06
		-3.187e+06	-6.304e+04	0.0	0.0	40.0	3.431e+04	1.104e+04	1576.12	-1.261e+05	0.0	-2.745e+06
138	255	-3.812e+06	0.0	2.76e-03	0.0	0.0	4.765e+04	1.119e+04	907.72	-7.262e+04	-3.631e+04	-4.260e+06
		-4.260e+06	-3.631e+04	-3.51e-04	0.0	40.0	4.765e+04	1.119e+04	907.72	-7.262e+04	0.0	-3.812e+06
138	267	-2.902e+06	0.0	2.55e-04	0.0	0.0	3.627e+04	1.115e+04	498.88	-3.991e+04	-1.996e+04	-3.347e+06
		-3.347e+06	-1.996e+04	-2.19e-05	0.0	40.0	3.627e+04	1.115e+04	498.88	-3.991e+04	0.0	-2.902e+06
138	289	-4.919e+06	0.0	-5.49e-03	0.0	0.0	6.148e+04	2.325e+04	2289.20	-1.831e+05	-9.157e+04	-5.849e+06
		-5.849e+06	-9.157e+04	2.00e-04	0.0	40.0	6.148e+04	2.325e+04	2289.20	-1.831e+05	0.0	-4.919e+06
138	310	-2.807e+06	0.0	-3.78e-06	0.0	0.0	3.509e+04	1.115e+04	828.32	-6.627e+04	-3.313e+04	-3.253e+06
		-3.253e+06	-3.313e+04	-1.46e-05	0.0	40.0	3.509e+04	1.115e+04	828.32	-6.627e+04	0.0	-2.807e+06
138	311	-3.974e+06	0.0	-4.31e-03	0.0	0.0	4.968e+04	1.880e+04	2373.60	-1.899e+05	-9.494e+04	-4.726e+06
		-4.726e+06	-9.494e+04	1.55e-04	0.0	40.0	4.968e+04	1.880e+04	2373.60	-1.899e+05	0.0	-3.974e+06
138	322	-3.498e+06	0.0	1.87e-03	0.0	0.0	4.372e+04	1.116e+04	1661.37	-1.329e+05	-6.645e+04	-3.944e+06
		-3.944e+06	-6.645e+04	-2.53e-04	0.0	40.0	4.372e+04	1.116e+04	1661.37	-1.329e+05	0.0	-3.498e+06
138	324	-2.825e+06	0.0	-3.78e-06	0.0	0.0	3.531e+04	1.114e+04	1682.21	-1.346e+05	-6.729e+04	-3.270e+06
		-3.270e+06	-6.729e+04	0.0	0.0	40.0	3.531e+04	1.114e+04	1682.21	-1.346e+05	0.0	-2.825e+06
138	327	-4.226e+06	0.0	2.50e-03	0.0	0.0	5.282e+04	1.346e+04	4633.84	-3.707e+05	-1.854e+05	-4.722e+06
		-4.722e+06	-1.854e+05	1.50e-04	0.0	40.0	5.282e+04	1.346e+04	4633.84	-3.707e+05	0.0	-4.226e+06
138	334	-1.424e+06	4.496e+04	-1.76e-03	0.0	0.0	1.780e+04	8813.51	-1123.95	8.992e+04	4.496e+04	-1.819e+06
		-1.819e+06	0.0	-1.34e-04	0.0	40.0	1.780e+04	8813.51	-1123.95	8.992e+04	0.0	-1.424e+06
138	335	-4.226e+06	0.0	1.75e-03	0.0	0.0	5.283e+04	1.346e+04	4488.37	-3.591e+05	-1.795e+05	-4.722e+06
		-4.722e+06	-1.795e+05	1.33e-04	0.0	40.0	5.283e+04	1.346e+04	4488.37	-3.591e+05	0.0	-4.226e+06
138	342	-2.231e+06	1.683e+05	-7.44e-04	0.0	0.0	2.788e+04	1.068e+04	-4207.38	3.366e+05	1.683e+05	-2.659e+06
		-2.659e+06	1.42e-06	-4.78e-04	0.0	40.0	2.788e+04	1.068e+04	-4207.38	3.366e+05	0.0	-2.231e+06
138	343	-3.419e+06	-1.42e-06	7.37e-04	0.0	0.0	4.274e+04	1.159e+04	7571.80	-6.057e+05	-3.029e+05	-3.881e+06
		-3.881e+06	-3.029e+05	4.78e-04	0.0	40.0	4.274e+04	1.159e+04	7571.80	-6.057e+05	-1.42e-06	-3.419e+06
138	359	-3.514e+06	0.0	1.27e-03	0.0	0.0	4.392e+04	1.232e+04	3085.70	-2.469e+05	-1.234e+05	-3.984e+06
		-3.984e+06	-1.234e+05	4.06e-05	0.0	40.0	4.392e+04	1.232e+04	3085.70	-2.469e+05	0.0	-3.514e+06
138	366	-2.136e+06	0.0	-8.99e-04	0.0	0.0	2.670e+04	9951.45	351.65	-2.813e+04	-1.407e+04	-2.556e+06
		-2.556e+06	-1.407e+04	-3.25e-05	0.0	40.0	2.670e+04	9951.45	351.65	-2.813e+04	0.0	-2.136e+06
138	367	-3.514e+06	0.0	8.92e-04	0.0	0.0	4.392e+04	1.232e+04	3012.76	-2.410e+05	-1.205e+05	-3.984e+06
		-3.984e+06	-1.205e+05	3.20e-05	0.0	40.0	4.392e+04	1.232e+04	3012.76	-2.410e+05	0.0	-3.514e+06
138	374	-2.571e+06	4.054e+04	-3.86e-04	0.0	0.0	3.213e+04	1.091e+04	-1013.44	8.108e+04	4.054e+04	-3.008e+06
		-3.008e+06	0.0	-1.25e-04	0.0	40.0	3.213e+04	1.091e+04	-1013.44	8.108e+04	0.0	-2.571e+06
138	375	-3.079e+06	0.0	3.79e-04	0.0	0.0	3.849e+04	1.136e+04	4377.86	-3.502e+05	-1.751e+05	-3.533e+06
		-3.533e+06	-1.751e+05	1.25e-04	0.0	40.0	3.849e+04	1.136e+04	4377.86	-3.502e+05	0.0	-3.079e+06
141	97	-7.520e+06	2.028e+05	3.78e-03	0.0	0.0	9.399e+04	-4.651e+04	5070.27	-4.056e+05	2.028e+05	-7.520e+06
		-9.380e+06	0.0	-4.41e-04	0.0	40.0	9.399e+04	-4.651e+04	5070.27	-4.056e+05	0.0	-9.380e+06
141	127	-7.365e+06	2.789e+05	-7.37e-03	0.0	0.0	9.206e+04	-2.334e+04	6972.90	-5.578e+05	2.789e+05	-8.299e+06
		-8.299e+06	0.0	2.69e-04	0.0	40.0	9.206e+04	-2.334e+04	6972.90	-5.578e+05	0.0	-7.365e+06

141	171	-5.830e+06	2.016e+05	-5.41e-03	0.0	0.0	7.288e+04	-1.842e+04	5040.01	-4.032e+05	0.0	-5.830e+06
		-6.567e+06	0.0	2.01e-04	0.0	40.0	7.288e+04	-1.842e+04	5040.01	-4.032e+05	2.016e+05	-6.567e+06
141	206	-2.745e+06	6.304e+04	1.10e-06	0.0	0.0	3.431e+04	-1.105e+04	1575.96	-1.261e+05	0.0	-2.745e+06
		-3.187e+06	0.0	0.0	0.0	40.0	3.431e+04	-1.105e+04	1575.96	-1.261e+05	6.304e+04	-3.187e+06
141	270	-5.430e+06	2.006e+05	-5.49e-03	0.0	0.0	6.788e+04	-1.729e+04	5015.91	-4.013e+05	0.0	-5.430e+06
		-6.122e+06	0.0	2.01e-04	0.0	40.0	6.788e+04	-1.729e+04	5015.91	-4.013e+05	2.006e+05	-6.122e+06
141	287	-2.950e+06	9.478e+04	2.60e-04	0.0	0.0	3.688e+04	-1.112e+04	2369.46	-1.896e+05	0.0	-2.950e+06
		-3.395e+06	0.0	-1.05e-05	0.0	40.0	3.688e+04	-1.112e+04	2369.46	-1.896e+05	9.478e+04	-3.395e+06
141	292	-4.297e+06	1.457e+05	-4.05e-03	0.0	0.0	5.371e+04	-1.363e+04	3642.64	-2.914e+05	0.0	-4.297e+06
		-4.842e+06	0.0	1.51e-04	0.0	40.0	5.371e+04	-1.363e+04	3642.64	-2.914e+05	1.457e+05	-4.842e+06
141	309	-2.825e+06	6.728e+04	1.12e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.07	-1.346e+05	0.0	-2.825e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.07	-1.346e+05	6.728e+04	-3.271e+06
141	311	-4.171e+06	1.182e+05	-4.31e-03	0.0	0.0	5.214e+04	-1.365e+04	2955.24	-2.364e+05	0.0	-4.171e+06
		-4.717e+06	0.0	1.61e-04	0.0	40.0	5.214e+04	-1.365e+04	2955.24	-2.364e+05	1.182e+05	-4.717e+06
141	319	-3.563e+06	6.450e+04	1.17e-03	0.0	0.0	4.454e+04	-1.121e+04	1612.60	-1.290e+05	0.0	-3.563e+06
		-4.012e+06	0.0	2.05e-05	0.0	40.0	4.454e+04	-1.121e+04	1612.60	-1.290e+05	6.450e+04	-4.012e+06
141	324	-2.825e+06	6.728e+04	1.12e-06	0.0	0.0	3.531e+04	-1.114e+04	1682.07	-1.346e+05	0.0	-2.825e+06
		-3.271e+06	0.0	0.0	0.0	40.0	3.531e+04	-1.114e+04	1682.07	-1.346e+05	6.728e+04	-3.271e+06
141	333	-1.466e+06	-1.20e-06	-1.65e-03	0.0	0.0	1.832e+04	-9971.72	-2545.89	2.037e+05	-1.20e-06	-1.466e+06
		-1.882e+06	-1.018e+05	4.41e-04	0.0	40.0	1.832e+04	-9971.72	-2545.89	2.037e+05	-1.018e+05	-1.882e+06
141	336	-4.184e+06	2.364e+05	1.65e-03	0.0	0.0	5.230e+04	-1.231e+04	5910.02	-4.728e+05	1.20e-06	-4.184e+06
		-4.660e+06	1.20e-06	-4.42e-04	0.0	40.0	5.230e+04	-1.231e+04	5910.02	-4.728e+05	2.364e+05	-4.660e+06
141	341	-2.316e+06	-3.83e-06	-7.16e-04	0.0	0.0	2.895e+04	-1.127e+04	-9881.05	7.905e+05	-3.83e-06	-2.316e+06
		-2.763e+06	-3.952e+05	4.37e-04	0.0	40.0	2.895e+04	-1.127e+04	-9881.05	7.905e+05	-3.952e+05	-2.763e+06
141	344	-3.334e+06	5.298e+05	7.18e-04	0.0	0.0	4.167e+04	-1.102e+04	1.325e+04	-1.060e+06	3.83e-06	-3.334e+06
		-3.778e+06	3.83e-06	-4.38e-04	0.0	40.0	4.167e+04	-1.102e+04	1.325e+04	-1.060e+06	5.298e+05	-3.778e+06
141	365	-2.152e+06	4186.68	-8.27e-04	0.0	0.0	2.690e+04	-1.051e+04	104.67	-8373.36	0.0	-2.152e+06
		-2.583e+06	0.0	1.81e-04	0.0	40.0	2.690e+04	-1.051e+04	104.67	-8373.36	4186.68	-2.583e+06
141	368	-3.498e+06	1.304e+05	8.29e-04	0.0	0.0	4.373e+04	-1.177e+04	3259.46	-2.608e+05	0.0	-3.498e+06
		-3.959e+06	0.0	-1.82e-04	0.0	40.0	4.373e+04	-1.177e+04	3259.46	-2.608e+05	1.304e+05	-3.959e+06
141	373	-2.595e+06	0.0	-3.60e-04	0.0	0.0	3.244e+04	-1.109e+04	-2308.83	1.847e+05	0.0	-2.595e+06
		-3.041e+06	-9.235e+04	9.01e-05	0.0	40.0	3.244e+04	-1.109e+04	-2308.83	1.847e+05	-9.235e+04	-3.041e+06
141	376	-3.054e+06	2.269e+05	3.63e-04	0.0	0.0	3.818e+04	-1.120e+04	5672.96	-4.538e+05	0.0	-3.054e+06
		-3.500e+06	0.0	-9.06e-05	0.0	40.0	3.818e+04	-1.120e+04	5672.96	-4.538e+05	2.269e+05	-3.500e+06
142	97	-7.502e+06	2.845e+05	3.77e-03	0.0	0.0	9.377e+04	2.345e+04	-7111.66	5.689e+05	2.845e+05	-8.440e+06
		-8.440e+06	0.0	-4.39e-04	0.0	40.0	9.377e+04	2.345e+04	-7111.66	5.689e+05	0.0	-7.502e+06
142	105	-7.650e+06	1.757e+05	-8.05e-03	0.0	0.0	9.563e+04	4.655e+04	-4393.11	3.514e+05	1.757e+05	-9.512e+06
		-9.512e+06	0.0	4.14e-04	0.0	40.0	9.563e+04	4.655e+04	-4393.11	3.514e+05	0.0	-7.650e+06
142	205	-3.826e+06	9.148e+04	-5.12e-06	0.0	0.0	4.782e+04	1.505e+04	-2286.91	1.830e+05	9.148e+04	-4.428e+06
		-4.428e+06	0.0	0.0	0.0	40.0	4.782e+04	1.505e+04	-2286.91	1.830e+05	0.0	-3.826e+06
142	206	-2.745e+06	6.305e+04	-3.69e-06	0.0	0.0	3.431e+04	1.104e+04	-1576.13	1.261e+05	6.305e+04	-3.187e+06
		-3.187e+06	0.0	0.0	0.0	40.0	3.431e+04	1.104e+04	-1576.13	1.261e+05	0.0	-2.745e+06
142	210	-5.636e+06	1.177e+05	-5.50e-03	0.0	0.0	7.046e+04	2.561e+04	-2941.32	2.353e+05	1.177e+05	-6.661e+06
		-6.661e+06	0.0	2.06e-04	0.0	40.0	7.046e+04	2.561e+04	-2941.32	2.353e+05	0.0	-5.636e+06
142	255	-4.102e+06	1.661e+05	2.76e-03	0.0	0.0	5.128e+04	1.123e+04	-4152.88	3.322e+05	1.661e+05	-4.552e+06
		-4.552e+06	0.0	-3.34e-04	0.0	40.0	5.128e+04	1.123e+04	-4152.88	3.322e+05	0.0	-4.102e+06
142	270	-5.640e+06	1.265e+05	-5.50e-03	0.0	0.0	7.050e+04	2.556e+04	-3162.98	2.530e+05	1.265e+05	-6.663e+06
		-6.663e+06	0.0	2.03e-04	0.0	40.0	7.050e+04	2.556e+04	-3162.98	2.530e+05	0.0	-5.640e+06
142	287	-2.939e+06	9.560e+04	2.55e-04	0.0	0.0	3.673e+04	1.112e+04	-2389.97	1.912e+05	9.560e+04	-3.384e+06
		-3.384e+06	0.0	-9.78e-06	0.0	40.0	3.673e+04	1.112e+04	-2389.97	1.912e+05	0.0	-2.939e+06
142	309	-2.825e+06	6.729e+04	-3.78e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.22	1.346e+05	6.729e+04	-3.270e+06
		-3.270e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.22	1.346e+05	0.0	-2.825e+06
142	311	-4.338e+06	6.235e+04	-4.32e-03	0.0	0.0	5.422e+04	1.985e+04	-1558.66	1.247e+05	6.235e+04	-5.132e+06
		-5.132e+06	0.0	1.62e-04	0.0	40.0	5.422e+04	1.985e+04	-1558.66	1.247e+05	0.0	-4.338e+06
142	322	-3.688e+06	1.126e+05	1.88e-03	0.0	0.0	4.610e+04	1.121e+04	-2814.42	2.252e+05	1.126e+05	-4.136e+06
		-4.136e+06	0.0	-2.39e-04	0.0	40.0	4.610e+04	1.121e+04	-2814.42	2.252e+05	0.0	-3.688e+06
142	324	-2.825e+06	6.729e+04	-3.78e-06	0.0	0.0	3.531e+04	1.114e+04	-1682.22	1.346e+05	6.729e+04	-3.270e+06
		-3.270e+06	0.0	0.0	0.0	40.0	3.531e+04	1.114e+04	-1682.22	1.346e+05	0.0	-2.825e+06
142	325	-1.420e+06	1.18e-06	-1.77e-03	0.0	0.0	1.775e+04	8824.73	1123.30	-8.986e+04	-4.493e+04	-1.814e+06
		-1.814e+06	-4.493e+04	1.34e-04	0.0	40.0	1.775e+04	8824.73	1123.30	-8.986e+04	1.18e-06	-1.420e+06
142	328	-4.230e+06	1.795e+05	1.76e-03	0.0	0.0	5.287e+04	1.345e+04	-4487.74	3.590e+05	1.795e+05	-4.727e+06
		-4.727e+06	-1.18e-06	-1.33e-04	0.0	40.0	5.287e+04	1.345e+04	-4487.74	3.590e+05	-1.18e-06	-4.230e+06
142	336	-4.230e+06	1.853e+05	2.50e-03	0.0	0.0	5.287e+04	1.345e+04	-4633.21	3.707e+05	1.853e+05	-4.727e+06
		-4.727e+06	-1.17e-06	-1.50e-04	0.0	40.0	5.287e+04	1.345e+04	-4633.21	3.707e+05	-1.17e-06	-4.230e+06
142	345	-2.218e+06	4.00e-06	-7.61e-04	0.0	0.0	2.772e+04	1.072e+04	4205.19	-3.364e+05	-1.682e+05	-2.644e+06
		-2.644e+06	-1.682e+05	4.79e-04	0.0	40.0	2.772e+04	1.072e+04	4205.19	-3.364e+05	4.00e-06	-2.218e+06
142	348	-3.432e+06	3.028e+05	7.53e-04	0.0	0.0	4.291e+04	1.155e+04	-7569.63	6.056e+05	3.028e+05	-3.897e+06
		-3.897e+06	-4.00e-06	-4.78e-04	0.0	40.0	4.291e+04	1.155e+04	-7569.63	6.056e+05	-4.00e-06	-3.432e+06
142	357	-2.136e+06	1.407e+04	-8.99e-04	0.0	0.0	2.670e+04	9951.45	-351.66	2.813e+04	1.407e+04	-2.556e+06
		-2.556e+06	0.0	3.25e-05	0.0	40.0	2.670e+04	9951.45	-351.66	2.813e+04	0.0	-2.136e+06
142	360	-3.514e+06	1.205e+05	8.92e-04	0.0	0.0	4.392e+04	1.232e+04	-3012.78	2.410e+05	1.205e+05	-3.984e+06
		-3.984e+06	0.0	-3.20e-05	0.0	40.0	4.392e+04	1.232e+04	-3012.78	2.410e+05	0.0	-3.514e+06
142	368	-3.514e+06	1.234e+05	1.27e-03	0.0	0.0	4.392e+04	1.232e+04	-3085.72	2.469e+05	1.234e+05	-3.984e+06
		-3.984e+06	0.0	-4.06e-05	0.0	40.0	4.392e+04	1.232e+04	-3085.72	2.469e+05	0.0	-3.514e+06
142	377	-2.571e+06	0.0	-3.86e-04	0.0	0.0	3.213e+04	1.091e+04	1013.43	-8.107e+04	-4.054e+04	-3.008e+06
		-3.008e+06	-4.054e+04	1.25e-04	0.0	40.0	3.213e+04	1.091e+04	1013.43	-8.107e+04	0.0	-2.571e+06
142	380	-3.079e+06	1.751e+05	3.79e-04	0.0	0.0	3.849e+04	1.136e+04	-4377.87	3.502e+05	1.751e+05	-3.533e+06

	-3.533e+06	0.0	-1.25e-04	0.0	40.0	3.849e+04	1.136e+04	-4377.87	3.502e+05	0.0	-3.079e+06
145	97 -8.133e+06	5.087e+04	3.80e-03	0.0	0.0	1.017e+05	-5.427e+04	1271.71	-1.017e+05	0.0	-8.133e+06
	-1.030e+07	0.0	-4.31e-04	0.0	40.0	1.017e+05	-5.427e+04	1271.71	-1.017e+05	5.087e+04	-1.030e+07
145	105 -8.185e+06	1.858e+05	-8.06e-03	0.0	0.0	1.023e+05	-2.648e+04	4645.73	-3.717e+05	0.0	-8.185e+06
	-9.244e+06	0.0	4.09e-04	0.0	40.0	1.023e+05	-2.648e+04	4645.73	-3.717e+05	1.858e+05	-9.244e+06
145	205 -3.827e+06	5.937e+04	1.58e-06	0.0	0.0	4.784e+04	-1.639e+04	1484.17	-1.187e+05	0.0	-3.827e+06
	-4.483e+06	0.0	0.0	0.0	40.0	4.784e+04	-1.639e+04	1484.17	-1.187e+05	5.937e+04	-4.483e+06
145	206 -2.736e+06	4.636e+04	1.11e-06	0.0	0.0	3.420e+04	-1.151e+04	1158.88	-9.271e+04	0.0	-2.736e+06
	-3.196e+06	0.0	0.0	0.0	40.0	3.420e+04	-1.151e+04	1158.88	-9.271e+04	4.636e+04	-3.196e+06
145	255 -4.300e+06	2.071e+04	2.79e-03	0.0	0.0	5.375e+04	-3.259e+04	517.68	-4.141e+04	0.0	-4.300e+06
	-5.604e+06	0.0	-3.28e-04	0.0	40.0	5.375e+04	-3.259e+04	517.68	-4.141e+04	2.071e+04	-5.604e+06
145	270 -5.808e+06	1.338e+05	-5.50e-03	0.0	0.0	4.710e+04	-1.276e+04	3345.74	-2.677e+05	0.0	-5.808e+06
	-6.714e+06	0.0	2.03e-04	0.0	40.0	7.410e+04	-1.965e+04	3345.74	-2.677e+05	1.338e+05	-6.714e+06
145	287 -2.970e+06	6.207e+04	2.60e-04	0.0	0.0	3.713e+04	-1.203e+04	1551.68	-1.241e+05	0.0	-2.970e+06
	-3.451e+06	0.0	-1.07e-05	0.0	40.0	3.713e+04	-1.203e+04	1551.68	-1.241e+05	6.207e+04	-3.451e+06
145	309 -2.825e+06	4.421e+04	1.17e-06	0.0	0.0	3.532e+04	-1.122e+04	1105.34	-8.843e+04	0.0	-2.825e+06
	-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.122e+04	1105.34	-8.843e+04	4.421e+04	-3.308e+06
145	311 -4.413e+06	8.573e+04	-4.32e-03	0.0	0.0	5.516e+04	-1.505e+04	2143.33	-1.715e+05	0.0	-4.413e+06
	-5.015e+06	0.0	1.62e-04	0.0	40.0	5.516e+04	-1.505e+04	2143.33	-1.715e+05	8.573e+04	-5.015e+06
145	322 -5.800e+06	9466.04	1.90e-03	0.0	0.0	4.710e+04	-1.276e+04	236.65	-1.893e+04	0.0	-5.800e+06
	-4.899e+06	0.0	-2.34e-04	0.0	40.0	4.750e+04	-2.746e+04	236.65	-1.893e+04	9466.04	-4.899e+06
145	324 -2.825e+06	4.421e+04	1.17e-06	0.0	0.0	3.532e+04	-1.122e+04	1105.34	-8.843e+04	0.0	-2.825e+06
	-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	-1.122e+04	1105.34	-8.843e+04	4.421e+04	-3.308e+06
145	333 -1.297e+06	0.0	-1.64e-03	0.0	0.0	1.621e+04	-1.310e+04	-1056.72	8.454e+04	0.0	-1.297e+06
	-1.758e+06	-4.227e+04	4.43e-04	0.0	40.0	1.621e+04	-1.310e+04	-1056.72	8.454e+04	-4.227e+04	-1.758e+06
145	336 -4.354e+06	1.307e+05	1.64e-03	0.0	0.0	5.442e+04	-1.105e+04	3267.39	-2.614e+05	0.0	-4.354e+06
	-4.858e+06	0.0	-4.43e-04	0.0	40.0	5.442e+04	-1.105e+04	3267.39	-2.614e+05	1.307e+05	-4.858e+06
145	341 -1.810e+06	0.0	-7.12e-04	0.0	0.0	2.262e+04	-1.122e+04	-5240.60	4.192e+05	0.0	-1.810e+06
	-2.311e+06	-2.096e+05	4.41e-04	0.0	40.0	2.262e+04	-1.122e+04	-5240.60	4.192e+05	-2.096e+05	-2.311e+06
145	344 -3.841e+06	2.981e+05	7.14e-04	0.0	0.0	4.801e+04	-1.293e+04	7451.27	-5.961e+05	0.0	-3.841e+06
	-4.306e+06	0.0	-4.41e-04	0.0	40.0	4.801e+04	-1.293e+04	7451.27	-5.961e+05	2.981e+05	-4.306e+06
145	365 -2.096e+06	1.121e+04	-8.24e-04	0.0	0.0	2.620e+04	-1.268e+04	280.20	-2.242e+04	0.0	-2.096e+06
	-2.568e+06	0.0	1.82e-04	0.0	40.0	2.620e+04	-1.268e+04	280.20	-2.242e+04	1.121e+04	-2.568e+06
145	368 -3.554e+06	7.722e+04	8.26e-04	0.0	0.0	4.443e+04	-1.147e+04	1930.47	-1.544e+05	0.0	-3.554e+06
	-4.049e+06	0.0	-1.82e-04	0.0	40.0	4.443e+04	-1.147e+04	1930.47	-1.544e+05	7.722e+04	-4.049e+06
145	373 -2.438e+06	0.0	-3.57e-04	0.0	0.0	3.048e+04	-1.191e+04	-1214.29	9.714e+04	0.0	-2.438e+06
	-2.927e+06	-4.857e+04	9.10e-05	0.0	40.0	3.048e+04	-1.191e+04	-1214.29	9.714e+04	-4.857e+04	-2.927e+06
145	376 -3.213e+06	1.370e+05	3.59e-04	0.0	0.0	4.016e+04	-1.224e+04	3424.97	-2.740e+05	0.0	-3.213e+06
	-3.690e+06	0.0	-9.13e-05	0.0	40.0	4.016e+04	-1.224e+04	3424.97	-2.740e+05	1.370e+05	-3.690e+06
146	97 -8.247e+06	1.921e+05	3.79e-03	0.0	0.0	1.031e+05	2.644e+04	-4801.40	3.841e+05	1.921e+05	-9.305e+06
	-9.305e+06	0.0	-4.30e-04	0.0	40.0	1.031e+05	2.644e+04	-4801.40	3.841e+05	0.0	-8.247e+06
146	105 -8.225e+06	4.315e+04	-8.08e-03	0.0	0.0	1.028e+05	5.421e+04	-1078.86	8.631e+04	4.315e+04	-1.039e+07
	-1.039e+07	0.0	4.10e-04	0.0	40.0	1.028e+05	5.421e+04	-1078.86	8.631e+04	0.0	-8.225e+06
146	107 -6.410e+06	5.892e+04	-5.94e-03	0.0	0.0	8.013e+04	4.114e+04	-1473.04	1.178e+05	5.892e+04	-8.056e+06
	-8.056e+06	0.0	2.89e-04	0.0	40.0	8.013e+04	4.114e+04	-1473.04	1.178e+05	0.0	-6.410e+06
146	206 -2.736e+06	4.637e+04	-3.71e-06	0.0	0.0	3.420e+04	1.150e+04	-1159.15	9.273e+04	4.637e+04	-3.196e+06
	-3.196e+06	0.0	0.0	0.0	40.0	3.420e+04	1.150e+04	-1159.15	9.273e+04	0.0	-2.736e+06
146	255 -4.385e+06	1.242e+05	2.78e-03	0.0	0.0	5.481e+04	1.199e+04	-3104.97	2.484e+05	1.242e+05	-4.864e+06
	-4.864e+06	0.0	-3.27e-04	0.0	40.0	5.481e+04	1.199e+04	-3104.97	2.484e+05	0.0	-4.385e+06
146	260 -4.042e+06	3.412e+04	-4.44e-03	0.0	0.0	5.053e+04	2.743e+04	-852.93	6.823e+04	3.412e+04	-5.139e+06
	-5.139e+06	0.0	2.13e-04	0.0	40.0	5.053e+04	2.743e+04	-852.93	6.823e+04	0.0	-4.042e+06
146	270 -6.045e+06	6.178e+04	-5.51e-03	0.0	0.0	7.557e+04	3.007e+04	-1544.56	1.236e+05	6.178e+04	-7.248e+06
	-7.248e+06	0.0	2.04e-04	0.0	40.0	7.557e+04	3.007e+04	-1544.56	1.236e+05	0.0	-6.045e+06
146	287 -2.961e+06	6.433e+04	2.55e-04	0.0	0.0	3.701e+04	1.202e+04	-1608.32	1.287e+05	6.433e+04	-3.442e+06
	-3.442e+06	0.0	-1.02e-05	0.0	40.0	3.701e+04	1.202e+04	-1608.32	1.287e+05	0.0	-2.961e+06
146	309 -2.825e+06	4.422e+04	-3.83e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.60	8.845e+04	4.422e+04	-3.308e+06
	-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.60	8.845e+04	0.0	-2.825e+06
146	310 -2.880e+06	6.358e+04	-3.84e-06	0.0	0.0	3.599e+04	1.207e+04	-1589.57	1.272e+05	6.358e+04	-3.362e+06
	-3.362e+06	0.0	-1.43e-05	0.0	40.0	3.599e+04	1.207e+04	-1589.57	1.272e+05	0.0	-2.880e+06
146	311 -4.508e+06	3.012e+04	-4.33e-03	0.0	0.0	5.635e+04	2.286e+04	-753.10	6.025e+04	3.012e+04	-5.423e+06
	-5.423e+06	0.0	1.63e-04	0.0	40.0	5.635e+04	2.286e+04	-753.10	6.025e+04	0.0	-4.508e+06
146	322 -3.871e+06	8.566e+04	1.89e-03	0.0	0.0	4.839e+04	1.201e+04	-2141.45	1.713e+05	8.566e+04	-4.352e+06
	-4.352e+06	0.0	-2.34e-04	0.0	40.0	4.839e+04	1.201e+04	-2141.45	1.713e+05	0.0	-3.871e+06
146	324 -2.825e+06	4.422e+04	-3.83e-06	0.0	0.0	3.532e+04	1.207e+04	-1105.60	8.845e+04	4.422e+04	-3.308e+06
	-3.308e+06	0.0	0.0	0.0	40.0	3.532e+04	1.207e+04	-1105.60	8.845e+04	0.0	-2.825e+06
146	325 -1.278e+06	0.0	-1.79e-03	0.0	0.0	1.597e+04	1.448e+04	546.11	-4.369e+04	-2.184e+04	-1.712e+06
	-1.712e+06	-2.184e+04	1.34e-04	0.0	40.0	1.597e+04	1.448e+04	546.11	-4.369e+04	0.0	-1.278e+06
146	328 -4.373e+06	1.103e+05	1.78e-03	0.0	0.0	5.466e+04	9658.66	-2757.31	2.206e+05	1.103e+05	-4.905e+06
	-4.905e+06	0.0	-1.34e-04	0.0	40.0	5.466e+04	9658.66	-2757.31	2.206e+05	0.0	-4.373e+06
146	336 -4.373e+06	1.146e+05	2.52e-03	0.0	0.0	5.466e+04	9631.89	-2866.01	2.293e+05	1.146e+05	-4.906e+06
	-4.906e+06	0.0	-1.50e-04	0.0	40.0	5.466e+04	9631.89	-2866.01	2.293e+05	0.0	-3.871e+06
146	345 -1.761e+06	0.0	-7.65e-04	0.0	0.0	2.201e+04	1.214e+04	2351.75	-1.881e+05	-9.407e+04	-2.223e+06
	-2.223e+06	-9.407e+04	4.82e-04	0.0	40.0	2.201e+04	1.214e+04	2351.75	-1.881e+05	0.0	-1.761e+06
146	348 -3.890e+06	1.825e+05	7.57e-04	0.0	0.0	4.863e+04	1.200e+04	-4562.95	3.650e+05	1.825e+05	-4.393e+06
	-4.393e+06	0.0	-4.82e-04	0.0	40.0	4.863e+04	1.200e+04	-4562.95	3.650e+05	0.0	-3.890e+06
146	357 -2.091e+06	1.235e+04	-9.11e-04	0.0	0.0	2.613e+04	1.329e+04	-308.67	2.469e+04	1.235e+04	-2.550e+06
	-2.550e+06	0.0	3.24e-05	0.0	40.0	2.613e+04	1.329e+04	-308.67	2.469e+04	0.0	-2.091e+06

146	360	-3.560e+06	7.610e+04	9.03e-04	0.0	0.0	4.450e+04	1.085e+04	-1902.54	1.522e+05	7.610e+04	-4.066e+06
		-4.066e+06	0.0	-3.20e-05	0.0	40.0	4.450e+04	1.085e+04	-1902.54	1.522e+05	0.0	-3.560e+06
146	368	-3.560e+06	7.828e+04	1.28e-03	0.0	0.0	4.450e+04	1.084e+04	-1956.99	1.566e+05	7.828e+04	-4.067e+06
		-4.067e+06	0.0	-4.06e-05	0.0	40.0	4.450e+04	1.084e+04	-1956.99	1.566e+05	0.0	-3.560e+06
146	377	-2.427e+06	0.0	-3.89e-04	0.0	0.0	3.034e+04	1.205e+04	525.25	-4.202e+04	-2.101e+04	-2.903e+06
		-2.903e+06	-2.101e+04	1.26e-04	0.0	40.0	3.034e+04	1.205e+04	525.25	-4.202e+04	0.0	-2.427e+06
146	380	-3.224e+06	1.095e+05	3.81e-04	0.0	0.0	4.030e+04	1.209e+04	-2736.46	2.189e+05	1.095e+05	-3.713e+06
		-3.713e+06	0.0	-1.26e-04	0.0	40.0	4.030e+04	1.209e+04	-2736.46	2.189e+05	0.0	-3.224e+06
147	73	3.999e+06	423.28	-0.16	-826.88	0.0	1.692e+05	1.508e+04	683.55	4.352e+04	-6.936e+04	3.033e+06
		3.033e+06	-6.936e+04	2.49e-03	0.0	102.1	1.692e+05	1.425e+04	683.55	4.352e+04	423.28	3.999e+06
147	124	8.523e+05	2331.75	-0.03	-612.50	0.0	4.680e+04	2549.95	191.47	1.817e+04	-1.721e+04	7.082e+05
		7.082e+05	-1.721e+04	3.42e-04	0.0	102.1	4.680e+04	1937.45	191.47	1.817e+04	2331.75	8.523e+05
147	140	8.421e+05	2415.04	-0.03	-612.50	0.0	4.721e+04	2549.08	191.12	1.825e+04	-1.710e+04	6.980e+05
		6.980e+05	-1.710e+04	3.28e-04	0.0	102.1	4.721e+04	1936.58	191.12	1.825e+04	2415.04	8.421e+05
147	161	1.212e+06	6094.29	-0.05	-826.87	0.0	6.601e+04	3641.72	549.57	3.593e+04	-3.696e+04	1.002e+06
		1.002e+06	-3.696e+04	3.83e-04	-255.72	102.1	6.601e+04	2814.85	293.85	3.593e+04	6094.29	1.212e+06
147	243	2.742e+06	2824.60	-0.11	-612.50	0.0	1.134e+05	1.062e+04	426.59	4.005e+04	-4.072e+04	2.061e+06
		2.061e+06	-4.072e+04	1.58e-03	0.0	102.1	1.134e+05	1.000e+04	426.59	4.005e+04	2824.60	2.742e+06
147	268	8.847e+05	3554.41	-0.04	-612.50	0.0	4.834e+04	2670.01	249.06	2.213e+04	-2.187e+04	7.315e+05
		7.315e+05	-2.187e+04	3.24e-04	0.0	102.1	4.834e+04	2057.51	249.06	2.213e+04	3554.41	8.847e+05
147	281	8.110e+05	3594.64	-0.03	-612.50	0.0	5.036e+04	2668.23	257.71	2.187e+04	-2.271e+04	6.577e+05
		6.577e+05	-2.271e+04	3.23e-04	0.0	102.1	5.036e+04	2055.73	257.71	2.187e+04	3594.64	8.110e+05
147	287	8.942e+05	4404.24	-0.04	-612.50	0.0	4.869e+04	2682.09	385.18	2.583e+04	-2.622e+04	7.399e+05
		7.399e+05	-2.622e+04	2.76e-04	-170.48	102.1	4.869e+04	2069.59	214.71	2.583e+04	4404.24	8.942e+05
147	309	8.912e+05	4256.68	-0.04	-612.50	0.0	4.837e+04	2665.36	246.74	2.253e+04	-2.093e+04	7.377e+05
		7.377e+05	-2.093e+04	2.50e-04	0.0	102.1	4.837e+04	2052.86	246.74	2.253e+04	4256.68	8.912e+05
147	313	8.347e+05	4244.32	-0.03	-612.50	0.0	4.984e+04	2664.34	254.24	2.226e+04	-2.171e+04	6.811e+05
		6.811e+05	-2.171e+04	2.56e-04	0.0	102.1	4.984e+04	2051.84	254.24	2.226e+04	4244.32	8.347e+05
147	316	8.393e+05	4724.07	-0.03	-612.50	0.0	4.931e+04	2668.76	245.55	2.210e+04	-2.034e+04	6.868e+05
		6.868e+05	-2.034e+04	2.09e-04	0.0	102.1	4.931e+04	2056.26	245.55	2.210e+04	4724.07	8.393e+05
147	319	2.281e+06	3603.01	-0.09	-612.50	0.0	9.704e+04	8626.72	382.42	3.580e+04	-3.544e+04	1.732e+06
		1.732e+06	-3.544e+04	1.14e-03	0.0	102.1	9.704e+04	8014.22	382.42	3.580e+04	3603.01	2.281e+06
147	324	8.912e+05	4256.68	-0.04	-612.50	0.0	4.837e+04	2665.36	246.74	2.253e+04	-2.093e+04	7.377e+05
		7.377e+05	-2.093e+04	2.50e-04	0.0	102.1	4.837e+04	2052.86	246.74	2.253e+04	4256.68	8.912e+05
147	342	8.512e+05	1590.60	-0.04	-612.50	0.0	5.233e+04	2808.50	232.86	2.715e+04	-2.324e+04	7.019e+05
		7.019e+05	-2.324e+04	6.72e-04	0.0	102.1	5.233e+04	2196.00	232.86	2.715e+04	1590.60	8.512e+05
147	343	9.312e+05	6922.76	-0.04	-612.50	0.0	4.441e+04	2522.22	260.62	1.790e+04	-1.863e+04	7.735e+05
		7.735e+05	-1.863e+04	-4.84e-04	0.0	102.1	4.441e+04	1909.72	260.62	1.790e+04	6922.76	9.312e+05
147	346	8.512e+05	1670.50	-0.04	-612.50	0.0	5.233e+04	2807.65	233.06	2.714e+04	-2.327e+04	7.020e+05
		7.020e+05	-2.327e+04	6.75e-04	0.0	102.1	5.233e+04	2195.15	233.06	2.714e+04	1670.50	8.512e+05
147	351	9.105e+05	6934.45	-0.04	-612.50	0.0	4.719e+04	2506.33	260.28	2.718e+04	-1.950e+04	7.607e+05
		7.607e+05	-1.950e+04	-3.05e-04	0.0	102.1	4.719e+04	1893.83	260.28	2.718e+04	6934.45	9.105e+05
147	374	8.782e+05	2870.52	-0.04	-612.50	0.0	4.888e+04	2699.20	241.95	2.148e+04	-2.180e+04	7.251e+05
		7.251e+05	-2.180e+04	4.82e-04	0.0	102.1	4.888e+04	2086.70	241.95	2.148e+04	2870.52	8.782e+05
147	375	9.042e+05	5642.84	-0.04	-612.50	0.0	4.786e+04	2631.53	251.53	2.357e+04	-2.006e+04	7.503e+05
		7.503e+05	-2.006e+04	-2.76e-04	0.0	102.1	4.786e+04	2019.03	251.53	2.357e+04	5642.84	9.042e+05
147	378	8.782e+05	2910.14	-0.04	-612.50	0.0	4.888e+04	2698.77	242.05	2.148e+04	-2.182e+04	7.252e+05
		7.252e+05	-2.182e+04	4.83e-04	0.0	102.1	4.888e+04	2086.27	242.05	2.148e+04	2910.14	8.782e+05
147	382	8.816e+05	2927.42	-0.04	-612.50	0.0	4.896e+04	2744.25	240.01	2.021e+04	-2.164e+04	7.263e+05
		7.263e+05	-2.164e+04	3.73e-04	0.0	102.1	4.896e+04	2131.75	240.01	2.021e+04	2927.42	8.816e+05
147	383	9.008e+05	5585.94	-0.04	-612.50	0.0	4.778e+04	2586.48	253.47	2.484e+04	-2.022e+04	7.491e+05
		7.491e+05	-2.022e+04	1.51e-04	0.0	102.1	4.778e+04	1973.98	253.47	2.484e+04	5585.94	9.008e+05
148	73	4.371e+06	8.633e+04	-0.18	-826.88	0.0	1.857e+05	1.557e+04	-1179.14	-1.571e+05	8.633e+04	3.349e+06
		3.349e+06	-3.404e+04	2.10e-03	0.0	102.1	1.857e+05	1.474e+04	-1179.14	-1.571e+05	-3.404e+04	4.371e+06
148	124	8.454e+05	3398.03	-0.03	-612.50	0.0	4.619e+04	2268.77	-54.50	-5495.49	3398.03	7.192e+05
		7.192e+05	-2165.86	2.59e-04	0.0	102.1	4.619e+04	1656.27	-54.50	-5495.49	-2165.86	8.454e+05
148	140	8.342e+05	3598.92	-0.03	-612.50	0.0	4.660e+04	2269.01	-55.76	-5362.82	3598.92	7.080e+05
		7.080e+05	-2093.25	2.45e-04	0.0	102.1	4.660e+04	1656.51	-55.76	-5362.82	-2093.25	8.342e+05
148	243	2.913e+06	5.681e+04	-0.12	-612.50	0.0	1.196e+05	1.087e+04	-755.79	-9.680e+04	5.681e+04	2.198e+06
		2.198e+06	-2.035e+04	1.22e-03	0.0	102.1	1.196e+05	1.026e+04	-755.79	-9.680e+04	-2.035e+04	2.913e+06
148	268	8.692e+05	3127.59	-0.04	-612.50	0.0	4.748e+04	2287.96	-46.55	-4867.29	3127.59	7.429e+05
		7.429e+05	-1624.88	1.81e-04	0.0	102.1	4.748e+04	1675.46	-46.55	-4867.29	-1624.88	8.692e+05
148	281	7.971e+05	3080.31	-0.03	-612.50	0.0	4.962e+04	2287.44	-46.10	-4876.12	3080.31	6.709e+05
		6.709e+05	-1626.15	1.90e-04	0.0	102.1	4.962e+04	1674.94	-46.10	-4876.12	-1626.15	7.971e+05
148	309	8.719e+05	3734.36	-0.04	-612.50	0.0	4.757e+04	2289.08	-45.39	-4455.80	3734.36	7.453e+05
		7.453e+05	-899.11	6.42e-05	0.0	102.1	4.757e+04	1676.58	-45.39	-4455.80	-899.11	8.719e+05
148	316	8.164e+05	4723.96	-0.03	-612.50	0.0	4.906e+04	2288.56	-50.09	-4482.93	4723.96	6.903e+05
		6.903e+05	-389.61	-4.61e-05	0.0	102.1	4.906e+04	1676.06	-50.09	-4482.93	-389.61	8.164e+05
148	319	2.403e+06	4.370e+04	-0.10	-612.50	0.0	1.016e+05	8725.31	-575.45	-7.359e+04	4.370e+04	1.835e+06
		1.835e+06	-1.504e+04	8.66e-04	0.0	102.1	1.016e+05	8112.81	-575.45	-7.359e+04	-1.504e+04	2.403e+06
148	324	8.719e+05	3734.36	-0.04	-612.50	0.0	4.757e+04	2289.08	-45.39	-4455.80	3734.36	7.453e+05
		7.453e+05	-899.11	6.42e-05	0.0	102.1	4.757e+04	1676.58	-45.39	-4455.80	-899.11	8.719e+05
148	327	8.877e+05	3855.00	-0.04	-612.50	0.0	4.758e+04	2347.01	-32.54	-5881.62	3855.00	7.638e+05
		7.638e+05	73.71	-1.30e-04	0.0	102.1	4.758e+04	1734.51	-32.54	-5881.62	73.71	8.877e+05
148	334	8.561e+05	3082.98	-0.03	-612.50	0.0	4.755e+04	2231.36	-51.61	-3088.26	3082.98	7.268e+05
		7.268e+05	-1696.77	2.65e-04	0.0	102.1	4.755e+04	1618.86	-51.61	-3088.26	-1696.77	8.561e+05
148	341	8.800e+05	5029.30	-0.03	-612.50	0.0	4.887e+04	2321.69	-12.86	-8485.06	5029.30	7.522e+05

		7.522e+05	2087.93	-5.18e-04	0.0	102.1	4.887e+04	1709.19	-12.86	-8485.06	2087.93	8.800e+05
148	344	8.638e+05	2439.41	-0.04	-612.50	0.0	4.626e+04	2256.47	-77.92	-426.54	2439.41	7.384e+05
		7.384e+05	-3886.15	6.46e-04	0.0	102.1	4.626e+04	1643.97	-77.92	-426.54	-3886.15	8.638e+05
148	348	8.637e+05	2598.63	-0.04	-612.50	0.0	4.626e+04	2256.40	-79.91	-409.06	2598.63	7.384e+05
		7.384e+05	-3938.69	6.44e-04	0.0	102.1	4.626e+04	1643.90	-79.91	-409.06	-3938.69	8.637e+05
148	355	8.811e+05	5062.32	-0.04	-612.50	0.0	4.727e+04	2319.64	-19.39	-1349.40	5062.32	7.544e+05
		7.544e+05	1712.63	-3.47e-04	0.0	102.1	4.727e+04	1707.14	-19.39	-1349.40	1712.63	8.811e+05
148	359	8.790e+05	3812.32	-0.04	-612.50	0.0	4.738e+04	2314.43	-41.03	-4234.99	3812.32	7.538e+05
		7.538e+05	-469.54	-6.84e-05	0.0	102.1	4.738e+04	1701.93	-41.03	-4234.99	-469.54	8.790e+05
148	362	8.649e+05	3671.84	-0.03	-612.50	0.0	4.777e+04	2264.66	-50.84	-4825.96	3671.84	7.371e+05
		7.371e+05	-1327.62	1.33e-04	0.0	102.1	4.777e+04	1652.16	-50.84	-4825.96	-1327.62	8.649e+05
148	363	8.788e+05	3796.87	-0.04	-612.50	0.0	4.737e+04	2313.49	-39.94	-4085.64	3796.87	7.535e+05
		7.535e+05	-470.60	-4.35e-05	0.0	102.1	4.737e+04	1700.99	-39.94	-4085.64	-470.60	8.788e+05
148	366	8.648e+05	3392.07	-0.03	-612.50	0.0	4.775e+04	2263.83	-46.45	-4705.87	3392.07	7.368e+05
		7.368e+05	-1241.73	1.87e-04	0.0	102.1	4.775e+04	1651.33	-46.45	-4705.87	-1241.73	8.648e+05
148	379	8.770e+05	4443.98	-0.04	-612.50	0.0	4.746e+04	2307.32	-36.12	-3409.19	4443.98	7.508e+05
		7.508e+05	401.08	-3.08e-04	0.0	102.1	4.746e+04	1694.82	-36.12	-3409.19	401.08	8.770e+05
148	380	8.704e+05	3110.06	-0.04	-612.50	0.0	4.758e+04	2283.87	-55.79	-5544.55	3110.06	7.443e+05
		7.443e+05	-2230.57	4.29e-04	0.0	102.1	4.758e+04	1671.37	-55.79	-5544.55	-2230.57	8.704e+05
149	71	3.712e+06	2714.99	-0.15	-826.88	0.0	1.572e+05	1.433e+04	541.37	3.687e+04	-5.255e+04	2.707e+06
		2.770e+06	-5.255e+04	7.88e-04	0.0	102.1	1.572e+05	1.350e+04	541.37	3.687e+04	2714.99	3.712e+06
149	73	4.842e+06	1863.35	-0.20	-826.88	0.0	2.031e+05	1.895e+04	709.98	4.069e+04	-7.061e+04	3.582e+06
		3.582e+06	-7.061e+04	1.12e-03	0.0	102.1	2.031e+05	1.812e+04	709.98	4.069e+04	1863.35	4.842e+06
149	162	8.477e+05	384.34	-0.03	-612.50	0.0	4.616e+04	2270.75	43.49	5012.83	-4055.04	7.208e+05
		7.208e+05	-4055.04	5.27e-05	0.0	102.1	4.616e+04	1658.25	43.49	5012.83	384.34	8.477e+05
149	178	8.365e+05	295.33	-0.03	-612.50	0.0	4.657e+04	2270.99	44.89	4879.40	-4287.40	7.097e+05
		7.097e+05	-4287.40	6.61e-05	0.0	102.1	4.657e+04	1658.49	44.89	4879.40	295.33	8.365e+05
149	231	7.917e+05	989.79	-0.03	-612.50	0.0	5.003e+04	2286.68	33.23	4524.31	-2402.36	6.649e+05
		6.649e+05	-2402.36	1.47e-05	0.0	102.1	5.003e+04	1674.18	33.23	4524.31	989.79	7.917e+05
149	243	3.141e+06	4119.67	-0.13	-612.50	0.0	1.269e+05	1.270e+04	519.56	4.082e+04	-4.892e+04	2.301e+06
		2.301e+06	-4.892e+04	6.75e-04	0.0	102.1	1.269e+05	1.208e+04	519.56	4.082e+04	4119.67	3.141e+06
149	287	8.707e+05	442.45	-0.04	-612.50	0.0	4.747e+04	2289.27	39.24	4546.93	-3563.65	7.440e+05
		7.440e+05	-3563.65	3.96e-05	0.0	102.1	4.747e+04	1676.77	39.24	4546.93	442.45	8.707e+05
149	310	8.726e+05	307.89	-0.04	-612.50	0.0	4.756e+04	2289.73	41.73	4295.62	-3952.39	7.459e+05
		7.459e+05	-3952.39	5.72e-05	0.0	102.1	4.756e+04	1677.23	41.73	4295.62	307.89	8.726e+05
149	316	8.112e+05	1410.58	-0.03	-612.50	0.0	4.942e+04	2286.68	39.01	4627.95	-2571.37	6.846e+05
		6.846e+05	-2571.37	-9.46e-05	0.0	102.1	4.942e+04	1674.18	39.01	4627.95	1410.58	8.112e+05
149	319	2.573e+06	3757.99	-0.11	-612.50	0.0	1.071e+05	1.009e+04	403.76	3.185e+04	-3.746e+04	1.911e+06
		1.911e+06	-3.746e+04	4.71e-04	0.0	102.1	1.071e+05	9480.44	403.76	3.185e+04	3757.99	2.573e+06
149	324	8.719e+05	899.10	-0.04	-612.50	0.0	4.757e+04	2289.08	45.39	4455.80	-3734.36	7.453e+05
		7.453e+05	-3734.36	-6.42e-05	0.0	102.1	4.757e+04	1676.58	45.39	4455.80	899.10	8.719e+05
149	325	8.560e+05	1770.17	-0.03	-612.50	0.0	4.757e+04	2234.10	53.61	2968.69	-3009.43	7.267e+05
		7.267e+05	-3009.43	-2.67e-04	0.0	102.1	4.757e+04	1621.60	53.61	2968.69	1770.17	8.560e+05
149	336	8.878e+05	-147.11	-0.04	-612.50	0.0	4.755e+04	2344.27	30.54	6001.18	-3928.55	7.640e+05
		7.640e+05	-3928.55	1.32e-04	0.0	102.1	4.755e+04	1731.77	30.54	6001.18	-147.11	8.878e+05
149	343	8.634e+05	4183.36	-0.04	-612.50	0.0	4.636e+04	2265.52	86.57	10.51	-2353.48	7.381e+05
		7.381e+05	-2353.48	-6.52e-04	0.0	102.1	4.636e+04	1653.02	86.57	10.51	4183.36	8.634e+05
149	344	8.877e+05	-2322.29	-0.04	-612.50	0.0	4.857e+04	2339.01	6.49	8985.59	-5286.25	7.616e+05
		7.616e+05	-5286.25	5.38e-04	0.0	102.1	4.857e+04	1726.51	6.49	8985.59	-2322.29	8.877e+05
149	346	8.803e+05	-2332.61	-0.03	-612.50	0.0	4.878e+04	2312.57	6.20	8883.60	-5274.47	7.526e+05
		7.526e+05	-5274.47	5.25e-04	0.0	102.1	4.878e+04	1700.07	6.20	8883.60	-2332.61	8.803e+05
149	347	8.634e+05	4130.82	-0.04	-612.50	0.0	4.636e+04	2265.58	84.58	27.99	-2194.26	7.381e+05
		7.381e+05	-2194.26	-6.53e-04	0.0	102.1	4.636e+04	1653.08	84.58	27.99	4130.82	8.634e+05
149	357	8.648e+05	1241.72	-0.03	-612.50	0.0	4.775e+04	2263.83	46.45	4705.86	-3392.07	7.368e+05
		7.368e+05	-3392.07	-1.87e-04	0.0	102.1	4.775e+04	1651.33	46.45	4705.86	1241.72	8.648e+05
149	368	8.790e+05	469.54	-0.04	-612.50	0.0	4.738e+04	2314.43	41.03	4234.99	-3812.33	7.538e+05
		7.538e+05	-3812.33	6.84e-05	0.0	102.1	4.738e+04	1701.93	41.03	4234.99	469.54	8.790e+05
149	369	8.649e+05	1327.61	-0.03	-612.50	0.0	4.777e+04	2264.66	50.84	4825.95	-3671.85	7.371e+05
		7.371e+05	-3671.85	-1.33e-04	0.0	102.1	4.777e+04	1652.16	50.84	4825.95	1327.61	8.649e+05
149	372	8.788e+05	470.59	-0.04	-612.50	0.0	4.737e+04	2313.49	39.94	4085.64	-3796.87	7.535e+05
		7.535e+05	-3796.87	4.35e-05	0.0	102.1	4.737e+04	1700.99	39.94	4085.64	470.59	8.788e+05
149	375	8.704e+05	2230.57	-0.04	-612.50	0.0	4.758e+04	2283.87	55.79	5544.55	-3110.05	7.443e+05
		7.443e+05	-3110.05	-4.29e-04	0.0	102.1	4.758e+04	1671.37	55.79	5544.55	2230.57	8.704e+05
149	376	8.770e+05	-401.08	-0.04	-612.50	0.0	4.746e+04	2307.32	36.12	3409.18	-4443.99	7.508e+05
		7.508e+05	-4443.99	3.08e-04	0.0	102.1	4.746e+04	1694.82	36.12	3409.18	-401.08	8.770e+05
150	73	5.249e+06	7734.49	-0.21	-826.88	0.0	2.225e+05	2.060e+04	-358.99	-1.464e+05	7734.49	3.911e+06
		3.911e+06	-2.891e+04	-5.66e-04	0.0	102.1	2.225e+05	1.978e+04	-358.99	-1.464e+05	-2.891e+04	5.249e+06
150	143	1.210e+06	3.569e+04	-0.05	-826.87	0.0	6.589e+04	3630.31	-553.78	-3.641e+04	3.569e+04	9.991e+05
		9.991e+05	-7793.27	-2.44e-04	255.72	102.1	6.589e+04	2803.44	-298.06	-3.641e+04	-7793.27	1.210e+06
150	162	8.595e+05	1.585e+04	-0.04	-612.50	0.0	4.644e+04	2538.69	-194.62	-1.870e+04	1.585e+04	7.144e+05
		7.144e+05	-4021.30	-1.67e-04	0.0	102.1	4.644e+04	1926.19	-194.62	-1.870e+04	-4021.30	8.595e+05
150	178	8.495e+05	1.569e+04	-0.03	-612.50	0.0	4.684e+04	2537.86	-194.01	-1.876e+04	1.569e+04	7.044e+05
		7.044e+05	-4118.94	-1.54e-04	0.0	102.1	4.684e+04	1925.36	-194.01	-1.876e+04	-4118.94	8.495e+05
150	231	8.036e+05	2.322e+04	-0.03	-612.50	0.0	5.101e+04	2656.33	-269.12	-2.242e+04	2.322e+04	6.483e+05
		6.483e+05	-4257.02	-2.42e-04	0.0	102.1	5.101e+04	2043.83	-269.12	-2.242e+04	-4257.02	8.036e+05
150	243	3.349e+06	1.223e+04	-0.14	-612.50	0.0	1.356e+05	1.395e+04	-293.52	-9.131e+04	1.223e+04	2.440e+06
		2.440e+06	-1.773e+04	-4.37e-04	0.0	102.1	1.356e+05	1.334e+04	-293.52	-9.131e+04	-1.773e+04	3.349e+06

150	283	8.437e+05	2.588e+04	-0.04	-612.50	0.0	4.983e+04	2673.70	-393.49	-2.589e+04	2.588e+04	6.888e+05
		6.888e+05	-5586.01	-1.74e-04	170.48	102.1	4.983e+04	2061.20	-223.01	-2.589e+04	-5586.01	8.437e+05
150	287	8.895e+05	2.096e+04	-0.04	-612.50	0.0	4.811e+04	2662.54	-251.15	-2.248e+04	2.096e+04	7.356e+05
		7.356e+05	-4675.80	-2.19e-04	0.0	102.1	4.811e+04	2050.04	-251.15	-2.248e+04	-4675.80	8.895e+05
150	310	8.936e+05	2.048e+04	-0.04	-612.50	0.0	4.825e+04	2661.63	-247.79	-2.270e+04	2.048e+04	7.397e+05
		7.397e+05	-4817.37	-2.01e-04	0.0	102.1	4.825e+04	2049.13	-247.79	-2.270e+04	-4817.37	8.936e+05
150	316	8.237e+05	2.299e+04	-0.03	-612.50	0.0	5.044e+04	2661.50	-262.74	-2.231e+04	2.299e+04	6.691e+05
		6.691e+05	-3836.28	-2.82e-04	0.0	102.1	5.044e+04	2049.00	-262.74	-2.231e+04	-3836.28	8.237e+05
150	319	2.733e+06	1.475e+04	-0.11	-612.50	0.0	1.139e+05	1.113e+04	-281.04	-7.398e+04	1.475e+04	2.013e+06
		2.013e+06	-1.394e+04	-4.18e-04	0.0	102.1	1.139e+05	1.052e+04	-281.04	-7.398e+04	-1.394e+04	2.733e+06
150	324	8.912e+05	2.093e+04	-0.04	-612.50	0.0	4.837e+04	2665.36	-246.74	-2.253e+04	2.093e+04	7.377e+05
		7.377e+05	-4256.68	-2.50e-04	0.0	102.1	4.837e+04	2052.86	-246.74	-2.253e+04	-4256.68	8.912e+05
150	341	8.513e+05	2.258e+04	-0.04	-612.50	0.0	5.214e+04	2811.71	-229.55	-2.769e+04	2.258e+04	7.015e+05
		7.015e+05	-1339.83	-6.85e-04	0.0	102.1	5.214e+04	2199.21	-229.55	-2.769e+04	-1339.83	8.513e+05
150	345	8.513e+05	2.255e+04	-0.04	-612.50	0.0	5.214e+04	2812.57	-229.35	-2.770e+04	2.255e+04	7.013e+05
		7.013e+05	-1259.93	-6.82e-04	0.0	102.1	5.214e+04	2200.07	-229.35	-2.770e+04	-1259.93	8.513e+05
150	348	9.311e+05	1.932e+04	-0.04	-612.50	0.0	4.460e+04	2518.16	-264.13	-1.735e+04	1.932e+04	7.740e+05
		7.740e+05	-7253.44	4.95e-04	0.0	102.1	4.460e+04	1905.66	-264.13	-1.735e+04	-7253.44	9.311e+05
150	373	8.782e+05	2.182e+04	-0.04	-612.50	0.0	4.888e+04	2698.77	-242.05	-2.148e+04	2.182e+04	7.252e+05
		7.252e+05	-2910.14	-4.83e-04	0.0	102.1	4.888e+04	2086.27	-242.05	-2.148e+04	-2910.14	8.782e+05
150	377	8.782e+05	2.180e+04	-0.04	-612.50	0.0	4.888e+04	2699.20	-241.95	-2.148e+04	2.180e+04	7.251e+05
		7.251e+05	-2870.53	-4.82e-04	0.0	102.1	4.888e+04	2086.70	-241.95	-2.148e+04	-2870.53	8.782e+05
150	380	9.042e+05	2.006e+04	-0.04	-612.50	0.0	4.786e+04	2631.53	-251.53	-2.357e+04	2.006e+04	7.503e+05
		7.503e+05	-5642.83	2.76e-04	0.0	102.1	4.786e+04	2019.03	-251.53	-2.357e+04	-5642.83	9.042e+05
150	385	8.816e+05	2.164e+04	-0.04	-612.50	0.0	4.896e+04	2744.25	-240.01	-2.021e+04	2.164e+04	7.263e+05
		7.263e+05	-2927.43	-3.73e-04	0.0	102.1	4.896e+04	2131.75	-240.01	-2.021e+04	-2927.43	8.816e+05
150	388	9.008e+05	2.022e+04	-0.04	-612.50	0.0	4.778e+04	2586.48	-253.47	-2.484e+04	2.022e+04	7.491e+05
		7.491e+05	-5585.94	-1.51e-04	0.0	102.1	4.778e+04	1973.98	-253.47	-2.484e+04	-5585.94	9.008e+05
151	73	7.889e+05	1.070e+05	-0.32	-745.88	0.0	3.234e+04	2.614e+04	-890.67	-7.055e+04	1.070e+05	-1.142e+06
		-1.142e+06	2.494e+04	1.68e-03	0.0	92.1	3.234e+04	2.540e+04	-890.67	-7.055e+04	2.494e+04	7.889e+05
151	74	7.293e+05	1.154e+05	-0.29	-552.50	0.0	2.687e+04	2.274e+04	-1028.14	-8.370e+04	1.154e+05	-9.309e+05
		-9.309e+05	2.069e+04	1.84e-03	0.0	92.1	2.687e+04	2.219e+04	-1028.14	-8.370e+04	2.069e+04	7.293e+05
151	122	1.534e+05	8391.26	-0.07	-552.50	0.0	1.308e+04	8333.38	87.13	1.676e+04	368.26	4.995e+05
		4.995e+05	368.26	1.09e-04	0.0	92.1	1.308e+04	7780.88	87.13	1.676e+04	8391.26	1.534e+05
151	161	2.080e+05	1.357e+04	-0.10	-745.88	0.0	1.901e+04	1.184e+04	451.23	3.649e+04	-1.736e+04	-7.304e+05
		-7.304e+05	-1.736e+04	-3.94e-04	-230.67	92.1	1.901e+04	1.109e+04	451.23	3.649e+04	1.357e+04	2.080e+05
151	239	4.465e+05	1.618e+04	-0.10	-552.50	0.0	1.586e+04	1.437e+04	453.28	3.108e+04	-2.556e+04	-6.214e+05
		-6.214e+05	-2.556e+04	2.54e-04	0.0	92.1	1.586e+04	1.382e+04	453.28	3.108e+04	1.618e+04	4.465e+05
151	243	5.457e+05	3.940e+04	-0.22	-552.50	0.0	2.035e+04	1.742e+04	-269.52	-2.093e+04	3.940e+04	-7.198e+05
		-7.198e+05	1.458e+04	1.18e-03	0.0	92.1	2.035e+04	1.687e+04	-269.52	-2.093e+04	1.458e+04	5.457e+05
151	267	1.563e+05	9300.18	-0.08	-552.50	0.0	1.373e+04	8660.10	159.38	2.164e+04	-5376.37	-5.262e+05
		-5.262e+05	-5376.37	-1.02e-04	0.0	92.1	1.373e+04	8107.60	159.38	2.164e+04	9300.18	1.563e+05
151	270	1.203e+05	4.612e+04	-0.08	-552.50	0.0	2.041e+04	1.068e+04	-339.83	-1.215e+04	4.612e+04	-7.800e+05
		-7.800e+05	1.483e+04	-8.02e-04	0.0	92.1	2.041e+04	1.012e+04	-339.83	-1.215e+04	1.483e+04	1.203e+05
151	289	1.188e+05	4.230e+04	-0.08	-552.50	0.0	2.058e+04	1.072e+04	-248.65	-9365.83	4.230e+04	-7.872e+05
		-7.872e+05	1.516e+04	-8.53e-04	-92.27	92.1	2.058e+04	1.017e+04	-340.91	-9365.83	1.516e+04	1.188e+05
151	310	1.539e+05	9337.04	-0.08	-552.50	0.0	1.389e+04	8677.84	163.00	2.191e+04	-5672.76	-5.326e+05
		-5.326e+05	-5672.76	-2.01e-04	0.0	92.1	1.389e+04	8125.34	163.00	2.191e+04	9337.04	1.539e+05
151	311	1.102e+05	1.876e+04	-0.08	-552.50	0.0	1.782e+04	9524.24	-70.26	7628.79	1.876e+04	-6.865e+05
		-6.865e+05	1.229e+04	-6.91e-04	0.0	92.1	1.782e+04	8971.74	-70.26	7628.79	1.229e+04	1.102e+05
151	318	3.687e+05	1.466e+04	-0.09	-552.50	0.0	1.560e+04	1.295e+04	383.45	2.866e+04	-2.065e+04	-6.090e+05
		-6.090e+05	-2.065e+04	-9.16e-05	0.0	92.1	1.560e+04	1.240e+04	383.45	2.866e+04	1.466e+04	3.687e+05
151	319	4.431e+05	2.807e+04	-0.18	-552.50	0.0	1.897e+04	1.524e+04	-158.65	-1.035e+04	2.807e+04	-6.828e+05
		-6.828e+05	1.346e+04	6.08e-04	0.0	92.1	1.897e+04	1.469e+04	-158.65	-1.035e+04	1.346e+04	4.431e+05
151	324	1.492e+05	9527.16	-0.08	-552.50	0.0	1.412e+04	8682.06	165.65	2.178e+04	-5726.71	-5.424e+05
		-5.424e+05	-5726.71	-4.24e-04	0.0	92.1	1.412e+04	8129.56	165.65	2.178e+04	9527.16	1.492e+05
151	325	9.131e+04	1.179e+04	-0.07	-552.50	0.0	1.547e+04	8735.21	104.91	1.993e+04	633.73	-5.922e+05
		-5.922e+05	633.73	-9.12e-04	0.0	92.1	1.547e+04	8182.71	104.91	1.993e+04	1.179e+04	9.131e+04
151	328	2.071e+05	7263.18	-0.08	-552.50	0.0	1.278e+04	8628.90	226.40	2.362e+04	-1.209e+04	-4.927e+05
		-4.927e+05	-1.209e+04	8.32e-05	0.0	92.1	1.278e+04	8076.40	226.40	2.362e+04	7263.18	2.071e+05
151	329	9.189e+04	1.148e+04	-0.07	-552.50	0.0	1.544e+04	8651.63	153.28	2.369e+04	-2817.94	-5.935e+05
		-5.935e+05	-2817.94	-8.27e-04	0.0	92.1	1.544e+04	8099.13	153.28	2.369e+04	1.148e+04	9.189e+04
151	341	8.128e+04	1.233e+04	-0.07	-552.50	0.0	1.538e+04	9159.72	53.14	1.335e+04	2893.32	-5.864e+05
		-5.864e+05	2893.32	-1.69e-03	0.0	92.1	1.538e+04	8607.22	53.14	1.335e+04	1.233e+04	8.128e+04
151	344	2.171e+05	6728.50	-0.08	-552.50	0.0	1.286e+04	8204.39	278.16	3.021e+04	-1.435e+04	-4.985e+05
		-4.985e+05	-1.435e+04	8.47e-04	0.0	92.1	1.286e+04	7651.89	278.16	3.021e+04	6728.50	2.171e+05
151	357	1.222e+05	1.052e+04	-0.07	-552.50	0.0	1.475e+04	8605.25	159.07	2.257e+04	-4208.87	-5.668e+05
		-5.668e+05	-4208.87	-6.76e-04	0.0	92.1	1.475e+04	8052.75	159.07	2.257e+04	1.052e+04	1.222e+05
151	361	1.206e+05	1.050e+04	-0.07	-552.50	0.0	1.478e+04	8667.21	159.38	2.273e+04	-4264.57	-5.680e+05
		-5.680e+05	-4264.57	-6.25e-04	0.0	92.1	1.478e+04	8114.71	159.38	2.273e+04	1.050e+04	1.206e+05
151	363	1.618e+05	8934.05	-0.08	-552.50	0.0	1.372e+04	8764.98	189.05	2.199e+04	-8418.11	-5.277e+05
		-5.277e+05	-8418.11	-5.06e-04	0.0	92.1	1.372e+04	8212.48	189.05	2.199e+04	8934.05	1.618e+05
151	364	1.778e+05	8554.02	-0.08	-552.50	0.0	1.347e+04	8696.90	171.92	2.083e+04	-7188.86	-5.169e+05
		-5.169e+05	-7188.86	-2.22e-04	0.0	92.1	1.347e+04	8144.40	171.92	2.083e+04	8554.02	1.778e+05
151	384	1.820e+05	8658.83	-0.08	-552.50	0.0	1.354e+04	8583.26	141.56	1.973e+04	-4301.00	-5.184e+05
		-5.184e+05	-4301.00	6.69e-05	0.0	92.1	1.354e+04	8030.76	141.56	1.973e+04	8658.83	1.820e+05
152	66	6.569e+05	1.210e+05	-0.14	-552.50	0.0	2.472e+04	2.048e+04	-1572.72	-1.149e+05	1.210e+05	-9.030e+05

		-9.030e+05	-2.381e+04	8.23e-04	0.0	92.1	2.472e+04	1.993e+04	-1572.72	-1.149e+05	-2.381e+04	6.569e+05
152	73	7.774e+05	1.045e+05	-0.35	-745.88	0.0	3.671e+04	2.721e+04	-1146.83	-1.327e+05	1.045e+05	-1.287e+06
		-1.287e+06	-1088.43	1.92e-03	0.0	92.1	3.671e+04	2.647e+04	-1146.83	-1.327e+05	-1088.43	7.774e+05
152	111	2.311e+05	-7287.01	-0.12	-745.88	0.0	2.338e+04	1.343e+04	350.50	-6675.85	-3.956e+04	-8.726e+05
		-8.726e+05	-3.956e+04	6.69e-04	0.0	92.1	2.338e+04	1.269e+04	350.50	-6675.85	-7287.01	2.311e+05
152	124	1.362e+05	-3605.93	-0.07	-552.50	0.0	1.363e+04	7927.97	158.54	-4670.95	-1.820e+04	-5.081e+05
		-5.081e+05	-1.820e+04	4.90e-04	0.0	92.1	1.363e+04	7375.47	158.54	-4670.95	-3605.93	1.362e+05
152	239	4.738e+05	4.422e+04	-0.10	-552.50	0.0	1.710e+04	1.460e+04	-690.19	-4.417e+04	4.422e+04	-6.290e+05
		-6.290e+05	-1.934e+04	4.62e-04	0.0	92.1	1.710e+04	1.405e+04	-690.19	-4.417e+04	-1.934e+04	4.738e+05
152	243	5.262e+05	4.094e+04	-0.23	-552.50	0.0	2.198e+04	1.733e+04	-457.75	-5.723e+04	4.094e+04	-7.645e+05
		-7.645e+05	-1209.12	1.26e-03	0.0	92.1	2.198e+04	1.678e+04	-457.75	-5.723e+04	-1209.12	5.262e+05
152	251	6.058e+04	-6157.00	-0.06	-552.50	0.0	1.742e+04	8265.56	398.18	-2608.88	-4.282e+04	-6.660e+05
		-6.660e+05	-4.282e+04	4.91e-04	0.0	92.1	1.742e+04	7713.06	398.18	-2608.88	-6157.00	6.058e+04
152	268	1.375e+05	-4013.96	-0.07	-552.50	0.0	1.405e+04	8109.54	203.91	-3675.11	-2.279e+04	-5.242e+05
		-5.242e+05	-2.279e+04	4.38e-04	0.0	92.1	1.405e+04	7557.04	203.91	-3675.11	-4013.96	1.375e+05
152	289	1.164e+05	-1414.13	-0.09	-552.50	0.0	2.233e+04	1.107e+04	-42.01	-4.495e+04	-1414.13	-8.422e+05
		-8.422e+05	-5282.18	3.50e-04	0.0	92.1	2.233e+04	1.052e+04	-42.01	-4.495e+04	-5282.18	1.164e+05
152	310	1.374e+05	-4267.75	-0.07	-552.50	0.0	1.410e+04	8124.38	221.18	-3139.92	-2.464e+04	-5.262e+05
		-5.262e+05	-2.464e+04	4.20e-04	0.0	92.1	1.410e+04	7571.88	221.18	-3139.92	-4267.75	1.374e+05
152	318	3.892e+05	2.371e+04	-0.09	-552.50	0.0	1.639e+04	1.299e+04	-429.80	-3.425e+04	2.371e+04	-6.055e+05
		-6.055e+05	-1.587e+04	2.10e-04	0.0	92.1	1.639e+04	1.243e+04	-429.80	-3.425e+04	-1.587e+04	3.892e+05
152	319	4.285e+05	2.125e+04	-0.19	-552.50	0.0	2.005e+04	1.503e+04	-255.47	-4.405e+04	2.125e+04	-7.071e+05
		-7.071e+05	-2275.82	8.05e-04	0.0	92.1	2.005e+04	1.448e+04	-255.47	-4.405e+04	-2275.82	4.285e+05
152	321	7.922e+04	-5986.72	-0.07	-552.50	0.0	1.663e+04	8233.66	386.48	-3080.19	-4.158e+04	-6.332e+05
		-6.332e+05	-4.158e+04	4.16e-04	0.0	92.1	1.663e+04	7681.16	386.48	-3080.19	-5986.72	7.922e+04
152	324	1.369e+05	-4570.70	-0.07	-552.50	0.0	1.413e+04	8127.61	253.66	-3482.49	-2.793e+04	-5.283e+05
		-5.283e+05	-2.793e+04	3.49e-04	0.0	92.1	1.413e+04	7575.11	253.66	-3482.49	-4570.70	1.369e+05
152	325	9.721e+04	-5689.46	-0.07	-552.50	0.0	1.528e+04	8186.23	313.13	-6579.91	-3.429e+04	-5.688e+05
		-5.688e+05	-3.429e+04	2.94e-04	0.0	92.1	1.528e+04	7633.73	313.13	-6579.91	-5689.46	9.721e+04
152	328	1.765e+05	-3451.93	-0.08	-552.50	0.0	1.299e+04	8069.00	194.19	-385.07	-2.157e+04	-4.877e+05
		-4.877e+05	-2.157e+04	4.50e-04	0.0	92.1	1.299e+04	7516.50	194.19	-385.07	-3451.93	1.765e+05
152	345	1.206e+05	-6268.86	-0.07	-552.50	0.0	1.486e+04	8090.67	387.62	-1.119e+04	-4.132e+04	-5.463e+05
		-5.463e+05	-4.132e+04	-1.02e-03	0.0	92.1	1.486e+04	7538.17	387.62	-1.119e+04	-6268.86	1.206e+05
152	352	1.535e+05	-2854.34	-0.07	-552.50	0.0	1.378e+04	8124.54	134.00	40.08	-1.538e+04	-5.133e+05
		-5.133e+05	-1.538e+04	8.15e-04	0.0	92.1	1.378e+04	7572.04	134.00	40.08	-2854.34	1.535e+05
152	361	1.170e+05	-5129.61	-0.07	-552.50	0.0	1.465e+04	8162.42	282.11	-4407.67	-3.106e+04	-5.480e+05
		-5.480e+05	-3.106e+04	3.39e-04	0.0	92.1	1.465e+04	7609.92	282.11	-4407.67	-5129.61	1.170e+05
152	364	1.567e+05	-4011.78	-0.07	-552.50	0.0	1.362e+04	8092.80	225.22	-2557.31	-2.480e+04	-5.085e+05
		-5.085e+05	-2.480e+04	3.66e-04	0.0	92.1	1.362e+04	7540.30	225.22	-2557.31	-4011.78	1.567e+05
152	384	1.452e+05	-3718.85	-0.07	-552.50	0.0	1.396e+04	8126.15	194.17	-1726.84	-2.169e+04	-5.208e+05
		-5.208e+05	-2.169e+04	4.95e-04	0.0	92.1	1.396e+04	7573.65	194.17	-1726.84	-3718.85	1.452e+05
152	385	1.288e+05	-5418.43	-0.07	-552.50	0.0	1.431e+04	8129.00	316.30	-5260.39	-3.445e+04	-5.356e+05
		-5.356e+05	-3.445e+04	-3.13e-04	0.0	92.1	1.431e+04	7576.50	316.30	-5260.39	-5418.43	1.288e+05
153	65	8.516e+05	4.822e+04	-0.19	-745.88	0.0	3.371e+04	2.760e+04	-162.93	-4173.02	4.822e+04	-1.274e+06
		-1.274e+06	3.322e+04	-5.65e-04	0.0	92.1	3.371e+04	2.685e+04	-162.93	-4173.02	3.322e+04	8.516e+05
153	73	8.506e+05	2.016e+05	-0.38	-745.88	0.0	4.120e+04	3.047e+04	-1987.53	-1.128e+05	2.016e+05	-1.287e+06
		-1.287e+06	1.861e+04	-1.70e-03	0.0	92.1	4.120e+04	2.972e+04	-1987.53	-1.128e+05	1.861e+04	8.506e+05
153	162	1.346e+05	2.813e+04	-0.07	-552.50	0.0	1.374e+04	7937.70	-256.41	5703.21	2.813e+04	-5.143e+05
		-5.143e+05	4518.80	-2.60e-04	0.0	92.1	1.374e+04	7385.20	-256.41	5703.21	4518.80	1.346e+05
153	206	1.352e+05	2.593e+04	-0.07	-552.50	0.0	1.375e+04	7955.10	-233.39	4384.25	2.593e+04	-5.141e+05
		-5.141e+05	4443.04	-3.26e-04	0.0	92.1	1.375e+04	7402.60	-233.39	4384.25	4443.04	1.352e+05
153	239	5.455e+05	1.973e+04	-0.10	-552.50	0.0	1.787e+04	1.617e+04	390.72	2.786e+04	-1.624e+04	-6.724e+05
		-6.724e+05	-1.624e+04	2.58e-04	0.0	92.1	1.787e+04	1.562e+04	390.72	2.786e+04	1.973e+04	5.455e+05
153	243	5.448e+05	9.739e+04	-0.25	-552.50	0.0	2.342e+04	1.830e+04	-960.83	-5.263e+04	9.739e+04	-8.283e+05
		-8.283e+05	8912.13	7.67e-04	0.0	92.1	2.342e+04	1.775e+04	-960.83	-5.263e+04	8912.13	5.448e+05
153	270	1.514e+05	9.627e+04	-0.10	-552.50	0.0	2.428e+04	1.252e+04	-924.68	-2.672e+04	9.627e+04	-9.279e+05
		-9.279e+05	1.112e+04	-9.33e-04	0.0	92.1	2.428e+04	1.197e+04	-924.68	-2.672e+04	1.112e+04	-5.184e+05
153	287	1.365e+05	2.938e+04	-0.07	-552.50	0.0	1.413e+04	8116.00	-268.87	4360.23	2.938e+04	-5.283e+05
		-5.283e+05	4619.85	-3.03e-04	0.0	92.1	1.413e+04	7563.50	-268.87	4360.23	4619.85	1.365e+05
153	309	1.369e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8127.61	-253.66	3482.47	2.793e+04	-5.283e+05
		-5.283e+05	4570.69	-3.49e-04	0.0	92.1	1.413e+04	7575.11	-253.66	3482.47	4570.69	1.369e+05
153	318	4.437e+05	1.572e+04	-0.10	-552.50	0.0	1.691e+04	1.416e+04	253.91	2.151e+04	-7665.81	-6.349e+05
		-6.349e+05	-7665.81	-7.59e-05	0.0	92.1	1.691e+04	1.361e+04	253.91	2.151e+04	1.572e+04	4.437e+05
153	319	4.432e+05	7.756e+04	-0.20	-552.50	0.0	2.107e+04	1.576e+04	-759.75	-3.886e+04	7.756e+04	-7.519e+05
		-7.519e+05	7598.65	-6.79e-04	0.0	92.1	2.107e+04	1.520e+04	-759.75	-3.886e+04	7598.65	4.432e+05
153	324	1.369e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8127.61	-253.66	3482.47	2.793e+04	-5.283e+05
		-5.283e+05	4570.69	-3.49e-04	0.0	92.1	1.413e+04	7575.11	-253.66	3482.47	4570.69	1.369e+05
153	334	9.653e+04	3.447e+04	-0.07	-552.50	0.0	1.525e+04	8186.10	-315.06	6545.40	3.447e+04	-5.687e+05
		-5.687e+05	5703.69	-2.96e-04	0.0	92.1	1.525e+04	7633.60	-315.06	6545.40	5703.69	9.653e+04
153	335	1.772e+05	2.138e+04	-0.08	-552.50	0.0	1.301e+04	8069.13	-192.27	419.55	2.138e+04	-4.879e+05
		-4.879e+05	3437.69	-4.49e-04	0.0	92.1	1.301e+04	7516.63	-192.27	419.55	3437.69	1.772e+05
153	342	1.183e+05	4.193e+04	-0.07	-552.50	0.0	1.477e+04	8090.24	-394.05	1.108e+04	4.193e+04	-5.459e+05
		-5.459e+05	6316.31	1.02e-03	0.0	92.1	1.477e+04	7537.74	-394.05	1.108e+04	6316.31	1.183e+05
153	347	1.558e+05	1.450e+04	-0.07	-552.50	0.0	1.349e+04	8164.84	-119.55	-4068.04	1.450e+04	-5.102e+05
		-5.102e+05	2816.83	-1.14e-03	0.0	92.1	1.349e+04	7612.34	-119.55	-4068.04	2816.83	1.558e+05
153	370	1.170e+05	3.106e+04	-0.07	-552.50	0.0	1.465e+04	8162.42	-282.11	4407.65	3.106e+04	-5.480e+05
		-5.480e+05	5129.61	-3.39e-04	0.0	92.1	1.465e+04	7609.92	-282.11	4407.65	5129.61	1.170e+05

153	371	1.567e+05	2.480e+04	-0.07	-552.50	0.0	1.362e+04	8092.80	-225.22	2557.29	2.480e+04	-5.085e+05
		-5.085e+05	4011.78	-3.66e-04	0.0	92.1	1.362e+04	7540.30	-225.22	2557.29	4011.78	1.567e+05
153	382	1.288e+05	3.445e+04	-0.07	-552.50	0.0	1.431e+04	8129.00	-316.30	5260.38	3.445e+04	-5.356e+05
		-5.356e+05	5418.42	3.13e-04	0.0	92.1	1.431e+04	7576.50	-316.30	5260.38	5418.42	1.288e+05
153	387	1.452e+05	2.169e+04	-0.07	-552.50	0.0	1.396e+04	8126.15	-194.17	1726.81	2.169e+04	-5.208e+05
		-5.208e+05	3718.85	-4.95e-04	0.0	92.1	1.396e+04	7573.65	-194.17	1726.81	3718.85	1.452e+05
154	65	8.658e+05	1.057e+05	-0.21	-745.88	0.0	3.507e+04	2.978e+04	-1484.89	-1.163e+05	1.057e+05	-1.399e+06
		-1.399e+06	-3.099e+04	1.23e-03	0.0	92.1	3.507e+04	2.903e+04	-1484.89	-1.163e+05	-3.099e+04	8.658e+05
154	73	8.999e+05	1.310e+05	-0.42	-745.88	0.0	4.430e+04	3.421e+04	-1631.24	-1.598e+05	1.310e+05	-1.675e+06
		-1.675e+06	-1.925e+04	2.05e-03	0.0	92.1	4.430e+04	3.346e+04	-1631.24	-1.598e+05	-1.925e+04	8.999e+05
154	206	1.427e+05	157.07	-0.07	-552.50	0.0	1.367e+04	8366.32	-96.53	-1.697e+04	157.07	-5.239e+05
		-5.239e+05	-8731.79	4.15e-04	0.0	92.1	1.367e+04	7813.82	-96.53	-1.697e+04	-8731.79	1.427e+05
154	239	5.562e+05	5.204e+04	-0.11	-552.50	0.0	1.763e+04	1.701e+04	-784.24	-5.061e+04	5.204e+04	-7.077e+05
		-7.077e+05	-2.018e+04	4.67e-04	0.0	92.1	1.763e+04	1.646e+04	-784.24	-5.061e+04	-2.018e+04	5.562e+05
154	243	5.815e+05	7.072e+04	-0.26	-552.50	0.0	2.447e+04	2.029e+04	-892.65	-8.281e+04	7.072e+04	-9.120e+05
		-9.120e+05	-1.148e+04	1.08e-03	0.0	92.1	2.447e+04	1.974e+04	-892.65	-8.281e+04	-1.148e+04	5.815e+05
154	270	1.573e+05	2.438e+04	-0.11	-552.50	0.0	2.572e+04	1.383e+04	-466.85	-5.754e+04	2.438e+04	-1.007e+06
		-1.007e+06	-1.436e+04	1.43e-03	92.27	92.1	2.572e+04	1.328e+04	-374.59	-5.754e+04	-1.436e+04	1.573e+05
154	287	1.459e+05	5322.52	-0.08	-552.50	0.0	1.423e+04	8658.90	-163.82	-2.112e+04	5322.52	-5.470e+05
		-5.470e+05	-9732.38	5.81e-04	0.0	92.1	1.423e+04	8106.40	-163.82	-2.112e+04	-9732.38	1.459e+05
154	309	1.492e+05	5726.46	-0.08	-552.50	0.0	1.412e+04	8682.06	-165.65	-2.178e+04	5726.46	-5.424e+05
		-5.424e+05	-9527.22	4.24e-04	0.0	92.1	1.412e+04	8129.56	-165.65	-2.178e+04	-9527.22	1.492e+05
154	318	4.581e+05	4.043e+04	-0.10	-552.50	0.0	1.657e+04	1.493e+04	-627.69	-4.351e+04	4.043e+04	-6.589e+05
		-6.589e+05	-1.737e+04	2.83e-04	0.0	92.1	1.657e+04	1.437e+04	-627.69	-4.351e+04	-1.737e+04	4.581e+05
154	319	4.770e+05	5.444e+04	-0.22	-552.50	0.0	2.170e+04	1.738e+04	-708.99	-6.766e+04	5.444e+04	-8.121e+05
		-8.121e+05	-1.085e+04	7.40e-04	0.0	92.1	2.170e+04	1.683e+04	-708.99	-6.766e+04	-1.085e+04	4.770e+05
154	324	1.492e+05	5726.46	-0.08	-552.50	0.0	1.412e+04	8682.06	-165.65	-2.178e+04	5726.46	-5.424e+05
		-5.424e+05	-9527.22	4.24e-04	0.0	92.1	1.412e+04	8129.56	-165.65	-2.178e+04	-9527.22	1.492e+05
154	334	9.025e+04	-519.22	-0.07	-552.50	0.0	1.547e+04	8728.27	-107.16	-2.011e+04	-519.22	-5.929e+05
		-5.929e+05	-1.169e+04	9.19e-04	0.0	92.1	1.547e+04	8175.77	-107.16	-2.011e+04	-1.169e+04	9.025e+04
154	335	2.081e+05	1.197e+04	-0.08	-552.50	0.0	1.278e+04	8635.84	-224.15	-2.344e+04	1.197e+04	-4.920e+05
		-4.920e+05	-7363.28	-8.37e-05	0.0	92.1	1.278e+04	8083.34	-224.15	-2.344e+04	-7363.28	2.081e+05
154	338	9.189e+04	2817.66	-0.07	-552.50	0.0	1.544e+04	8651.64	-153.28	-2.369e+04	2817.66	-5.935e+05
		-5.935e+05	-1.148e+04	8.27e-04	0.0	92.1	1.544e+04	8099.14	-153.28	-2.369e+04	-1.148e+04	9.189e+04
154	346	7.773e+04	-2510.95	-0.07	-552.50	0.0	1.538e+04	9136.60	-60.64	-1.396e+04	-2510.95	-5.886e+05
		-5.886e+05	-1.199e+04	1.72e-03	0.0	92.1	1.538e+04	8584.10	-60.64	-1.396e+04	-1.199e+04	7.773e+04
154	347	2.206e+05	1.396e+04	-0.08	-552.50	0.0	1.287e+04	8227.52	-270.66	-2.960e+04	1.396e+04	-4.962e+05
		-4.962e+05	-7062.05	-8.69e-04	0.0	92.1	1.287e+04	7675.02	-270.66	-2.960e+04	-7062.05	2.206e+05
154	366	1.222e+05	4208.60	-0.07	-552.50	0.0	1.475e+04	8605.25	-159.07	-2.257e+04	4208.60	-5.668e+05
		-5.668e+05	-1.052e+04	6.76e-04	0.0	92.1	1.475e+04	8052.75	-159.07	-2.257e+04	-1.052e+04	1.222e+05
154	370	1.206e+05	4264.30	-0.07	-552.50	0.0	1.478e+04	8667.21	-159.38	-2.273e+04	4264.30	-5.680e+05
		-5.680e+05	-1.050e+04	6.25e-04	0.0	92.1	1.478e+04	8114.71	-159.38	-2.273e+04	-1.050e+04	1.206e+05
154	371	1.778e+05	7188.61	-0.08	-552.50	0.0	1.347e+04	8696.90	-171.92	-2.083e+04	7188.61	-5.169e+05
		-5.169e+05	-8554.08	2.22e-04	0.0	92.1	1.347e+04	8144.40	-171.92	-2.083e+04	-8554.08	1.778e+05
154	372	1.618e+05	8417.87	-0.08	-552.50	0.0	1.372e+04	8764.98	-189.05	-2.199e+04	8417.87	-5.277e+05
		-5.277e+05	-8934.12	5.06e-04	0.0	92.1	1.372e+04	8212.48	-189.05	-2.199e+04	-8934.12	1.618e+05
154	387	1.820e+05	4300.73	-0.08	-552.50	0.0	1.354e+04	8583.27	-141.55	-1.973e+04	4300.73	-5.184e+05
		-5.184e+05	-8658.89	-6.69e-05	0.0	92.1	1.354e+04	8030.77	-141.55	-1.973e+04	-8658.89	1.820e+05
155	89	4.964e+06	1.726e+04	-0.16	-826.88	0.0	2.389e+05	5249.89	-462.63	-9.985e+04	1.726e+04	4.964e+06
		4.666e+06	-2.997e+04	1.39e-04	0.0	102.1	2.389e+05	4423.02	-462.63	-9.985e+04	-2.997e+04	4.666e+06
155	143	1.202e+06	3.577e+04	-0.05	-826.88	0.0	6.606e+04	3628.94	-554.87	-3.648e+04	3.577e+04	9.914e+05
		9.914e+05	-7824.79	-2.43e-04	255.72	102.1	6.606e+04	2802.06	-299.15	-3.648e+04	-7824.79	1.202e+06
155	162	8.506e+05	1.594e+04	-0.03	-612.50	0.0	4.665e+04	2537.99	-195.74	-1.871e+04	1.594e+04	7.055e+05
		7.055e+05	-4042.05	-1.65e-04	0.0	102.1	4.665e+04	1925.49	-195.74	-1.871e+04	-4042.05	8.506e+05
155	184	8.418e+05	1.578e+04	-0.03	-612.50	0.0	4.702e+04	2537.08	-195.11	-1.880e+04	1.578e+04	6.967e+05
		6.967e+05	-4135.44	-1.53e-04	0.0	102.1	4.702e+04	1924.58	-195.11	-1.880e+04	-4135.44	8.418e+05
155	243	7.978e+05	2.327e+04	-0.03	-612.50	0.0	5.114e+04	2656.18	-269.88	-2.244e+04	2.327e+04	6.424e+05
		6.424e+05	-2475.79	-2.41e-04	0.0	102.1	5.114e+04	2043.68	-269.88	-2.244e+04	-2475.79	7.978e+05
155	251	3.139e+06	1.927e+04	-0.10	-612.50	0.0	1.478e+05	2580.67	-370.20	-5.687e+04	1.927e+04	3.000e+06
		3.000e+06	-1.853e+04	-8.18e-05	0.0	102.1	1.478e+05	1968.17	-370.20	-5.687e+04	-1.853e+04	3.139e+06
155	283	8.437e+05	2.595e+04	-0.03	-612.50	0.0	4.983e+04	2673.19	-394.05	-2.597e+04	2.595e+04	6.887e+05
		6.887e+05	-5574.42	-1.80e-04	170.48	102.1	4.983e+04	2060.69	-223.57	-2.597e+04	-5574.42	8.437e+05
155	287	8.836e+05	2.102e+04	-0.04	-612.50	0.0	4.825e+04	2662.07	-251.90	-2.249e+04	2.102e+04	7.297e+05
		7.297e+05	-4689.54	-2.18e-04	0.0	102.1	4.825e+04	2049.57	-251.90	-2.249e+04	-4689.54	8.836e+05
155	310	8.938e+05	2.046e+04	-0.04	-612.50	0.0	4.823e+04	2660.87	-247.79	-2.276e+04	2.046e+04	7.399e+05
		7.399e+05	-4834.18	-2.00e-04	0.0	102.1	4.823e+04	2048.37	-247.79	-2.276e+04	-4834.18	8.938e+05
155	319	8.237e+05	2.299e+04	-0.03	-612.50	0.0	5.044e+04	2661.92	-262.76	-2.231e+04	2.299e+04	6.691e+05
		6.691e+05	-3835.95	-2.82e-04	0.0	102.1	5.044e+04	2049.42	-262.76	-2.231e+04	-3835.95	8.237e+05
155	321	2.579e+06	1.998e+04	-0.08	-612.50	0.0	1.229e+05	2605.29	-338.00	-4.813e+04	1.998e+04	2.437e+06
		2.437e+06	-1.452e+04	-1.50e-04	0.0	102.1	1.229e+05	1992.79	-338.00	-4.813e+04	-1.452e+04	2.579e+06
155	324	8.912e+05	2.093e+04	-0.04	-612.50	0.0	4.837e+04	2665.36	-246.74	-2.253e+04	2.093e+04	7.161e+05
		7.161e+05	-4256.68	-2.50e-04	0.0	102.1	4.837e+04	2052.86	-246.74	-2.253e+04	-4256.68	8.912e+05
155	327	7.116e+05	2.855e+04	-0.03	-612.50	0.0	6.015e+04	2439.87	-271.16	-1.624e+04	2.855e+04	5.855e+05
		5.855e+05	-1455.81	-4.99e-04	0.0	102.1	6.015e+04	1827.37	-271.16	-1.624e+04	-1455.81	7.116e+05
155	334	1.071e+06	1.315e+04	-0.04	-612.50	0.0	3.647e+04	2892.58	-221.02	-2.878e+04	1.315e+04	8.899e+05
		8.899e+05	-7091.55	1.79e-04	0.0	102.1	3.647e+04	2280.08	-221.02	-2.878e+04	-7091.55	1.071e+06
155	344	9.258e+05	6409.08	-0.04	-612.50	0.0	3.977e+04	2391.28	-322.47	-2.964e+04	6409.08	7.755e+05

		7.755e+05	-1.878e+04	9.73e-04	0.0	102.1	3.977e+04	1778.78	-322.47	-2.964e+04	-1.878e+04	9.258e+05
155	346	1.019e+06	4564.65	-0.04	-612.50	0.0	3.467e+04	2561.19	-296.13	-3.192e+04	4564.65	8.530e+05
		8.530e+05	-1.794e+04	9.41e-04	0.0	102.1	3.467e+04	1948.69	-296.13	-3.192e+04	-1.794e+04	1.019e+06
155	347	7.635e+05	3.730e+04	-0.03	-612.50	0.0	6.207e+04	2769.54	-197.35	-1.314e+04	3.730e+04	6.223e+05
		6.223e+05	9423.70	-1.22e-03	0.0	102.1	6.207e+04	2157.04	-197.35	-1.314e+04	9423.70	7.635e+05
155	363	8.090e+05	2.274e+04	-0.03	-612.50	0.0	5.282e+04	2548.95	-267.11	-1.996e+04	2.274e+04	6.665e+05
		6.665e+05	-4594.08	-2.90e-04	0.0	102.1	5.282e+04	1936.45	-267.11	-1.996e+04	-4594.08	8.090e+05
155	366	9.732e+05	1.892e+04	-0.04	-612.50	0.0	4.344e+04	2798.01	-226.00	-2.506e+04	1.892e+04	8.065e+05
		8.065e+05	-4119.47	-1.76e-04	0.0	102.1	4.344e+04	2185.51	-226.00	-2.506e+04	-4119.47	9.732e+05
155	367	8.092e+05	2.294e+04	-0.03	-612.50	0.0	5.330e+04	2532.71	-267.48	-1.999e+04	2.294e+04	6.689e+05
		6.689e+05	-4393.89	-3.31e-04	0.0	102.1	5.330e+04	1920.21	-267.48	-1.999e+04	-4393.89	8.092e+05
155	370	9.734e+05	1.904e+04	-0.04	-612.50	0.0	4.386e+04	2782.63	-225.73	-2.508e+04	1.904e+04	8.088e+05
		8.088e+05	-3935.99	-2.05e-04	0.0	102.1	4.386e+04	2170.13	-225.73	-2.508e+04	-3935.99	9.734e+05
155	376	8.747e+05	2.001e+04	-0.04	-612.50	0.0	4.768e+04	2582.83	-259.46	-2.396e+04	2.001e+04	7.256e+05
		7.256e+05	-6374.83	4.01e-04	0.0	102.1	4.768e+04	1970.33	-259.46	-2.396e+04	-6374.83	8.747e+05
156	89	4.582e+06	7634.95	-0.15	-826.88	0.0	2.179e+05	5515.61	861.77	1.016e+04	-8.034e+04	4.242e+06
		4.244e+06	-8.034e+04	9.29e-04	0.0	102.1	2.179e+05	4688.73	861.77	1.016e+04	7634.95	4.582e+06
156	184	8.290e+05	282.17	-0.03	-612.50	0.0	4.678e+04	2270.57	44.17	4817.33	-4227.01	7.022e+05
		7.022e+05	-4227.01	6.64e-05	0.0	102.1	4.678e+04	1658.07	44.17	4817.33	282.17	8.290e+05
156	206	8.493e+05	1073.26	-0.03	-612.50	0.0	4.632e+04	2270.46	52.73	4877.20	-4309.64	7.228e+05
		7.228e+05	-4309.64	-8.32e-05	0.0	102.1	4.632e+04	1657.96	52.73	4877.20	1073.26	8.493e+05
156	243	7.860e+05	972.38	-0.03	-612.50	0.0	5.020e+04	2285.87	32.68	4475.17	-2364.21	6.591e+05
		6.591e+05	-2364.21	1.56e-05	0.0	102.1	5.020e+04	1673.37	32.68	4475.17	972.38	7.860e+05
156	251	2.950e+06	8384.93	-0.09	-612.50	0.0	1.379e+05	2746.08	631.75	1.817e+04	-5.611e+04	2.792e+06
		2.792e+06	-5.611e+04	5.56e-04	0.0	102.1	1.379e+05	2133.58	631.75	1.817e+04	8384.93	2.950e+06
156	287	8.649e+05	430.75	-0.04	-612.50	0.0	4.763e+04	2289.03	38.86	4514.63	-3536.19	7.382e+05
		7.382e+05	-3536.19	4.07e-05	0.0	102.1	4.763e+04	1676.53	38.86	4514.63	430.75	8.649e+05
156	310	8.727e+05	290.45	-0.04	-612.50	0.0	4.755e+04	2289.68	41.29	4233.43	-3924.68	7.459e+05
		7.459e+05	-3924.68	5.89e-05	0.0	102.1	4.755e+04	1677.18	41.29	4233.43	290.45	8.727e+05
156	319	8.112e+05	1410.56	-0.03	-612.50	0.0	4.942e+04	2286.26	38.99	4630.52	-2570.11	6.846e+05
		6.846e+05	-2570.11	-9.49e-05	0.0	102.1	4.942e+04	1673.76	38.99	4630.52	1410.56	8.112e+05
156	321	2.434e+06	6969.98	-0.08	-612.50	0.0	1.152e+05	2631.42	488.29	1.490e+04	-4.288e+04	2.284e+06
		2.284e+06	-4.288e+04	3.87e-04	0.0	102.1	1.152e+05	2018.92	488.29	1.490e+04	6969.98	2.434e+06
156	324	8.719e+05	899.10	-0.04	-612.50	0.0	4.757e+04	2289.07	45.39	4455.80	-3734.36	7.453e+05
		7.453e+05	-3734.36	-6.42e-05	0.0	102.1	4.757e+04	1676.57	45.39	4455.80	899.10	8.719e+05
156	334	1.028e+06	-3140.65	-0.04	-612.50	0.0	3.844e+04	2121.43	38.59	577.84	-8392.37	8.837e+05
		8.837e+05	-8392.37	3.07e-04	0.0	102.1	3.844e+04	1508.93	38.59	577.84	-3140.65	1.028e+06
156	335	7.155e+05	4938.86	-0.03	-612.50	0.0	5.670e+04	2456.72	52.19	8333.76	923.66	6.070e+05
		6.070e+05	923.66	-4.10e-04	0.0	102.1	5.670e+04	1844.22	52.19	8333.76	4938.86	7.155e+05
156	344	8.525e+05	-1.397e+04	-0.03	-612.50	0.0	4.755e+04	2438.96	-30.15	-2814.47	-1.519e+04	7.308e+05
		7.308e+05	-1.519e+04	1.20e-03	0.0	102.1	4.755e+04	1826.46	-30.15	-2814.47	-1.397e+04	8.525e+05
156	345	8.912e+05	1.602e+04	-0.04	-612.50	0.0	4.757e+04	2139.01	131.91	1.169e+04	6845.54	7.598e+05
		7.598e+05	6845.54	-1.32e-03	0.0	102.1	4.757e+04	1526.51	131.91	1.169e+04	1.602e+04	8.912e+05
156	366	9.491e+05	497.37	-0.04	-612.50	0.0	4.317e+04	2193.65	48.41	3186.44	-4497.35	8.134e+05
		8.134e+05	-4497.35	8.54e-05	0.0	102.1	4.317e+04	1581.15	48.41	3186.44	497.37	9.491e+05
156	367	7.946e+05	1300.84	-0.03	-612.50	0.0	5.197e+04	2384.50	42.37	5725.16	-2971.36	6.772e+05
		6.772e+05	-2971.36	-2.01e-04	0.0	102.1	5.197e+04	1772.00	42.37	5725.16	1300.84	7.946e+05
156	370	9.494e+05	747.88	-0.04	-612.50	0.0	4.330e+04	2192.31	51.11	3225.76	-4747.63	8.138e+05
		8.138e+05	-4747.63	5.13e-05	0.0	102.1	4.330e+04	1579.81	51.11	3225.76	747.88	9.494e+05
156	371	7.943e+05	1050.33	-0.03	-612.50	0.0	5.184e+04	2385.84	39.67	5685.84	-2721.08	6.768e+05
		6.768e+05	-2721.08	-1.32e-04	0.0	102.1	5.184e+04	1773.34	39.67	5685.84	1050.33	7.943e+05
156	377	8.920e+05	3074.53	-0.04	-612.50	0.0	4.682e+04	2246.68	67.82	5813.02	-3714.04	7.629e+05
		7.629e+05	-3714.04	-5.68e-04	0.0	102.1	4.682e+04	1634.18	67.82	5813.02	3074.53	8.920e+05
156	384	8.528e+05	-312.69	-0.03	-612.50	0.0	4.875e+04	2326.92	37.54	3212.00	-5034.47	7.291e+05
		7.291e+05	-5034.47	2.11e-04	0.0	102.1	4.875e+04	1714.42	37.54	3212.00	-312.69	8.528e+05
157	89	4.132e+06	7.019e+04	-0.13	-826.88	0.0	1.980e+05	4062.40	-1069.24	-8.477e+04	7.019e+04	3.908e+06
		3.908e+06	-3.896e+04	1.76e-03	0.0	102.1	1.980e+05	3235.53	-1069.24	-8.477e+04	-3.896e+04	4.132e+06
157	146	8.265e+05	3651.98	-0.03	-612.50	0.0	4.683e+04	2268.74	-56.51	-5487.51	3651.98	7.004e+05
		7.004e+05	-2116.86	2.47e-04	0.0	102.1	4.683e+04	1656.24	-56.51	-5487.51	-2116.86	8.265e+05
157	206	8.493e+05	4309.63	-0.03	-612.50	0.0	4.632e+04	2270.46	-52.73	-4877.21	4309.63	7.228e+05
		7.228e+05	-1073.26	8.32e-05	0.0	102.1	4.632e+04	1657.96	-52.73	-4877.21	-1073.26	8.493e+05
157	251	2.736e+06	4.487e+04	-0.09	-612.50	0.0	1.287e+05	2345.94	-674.65	-4.328e+04	4.487e+04	2.612e+06
		2.612e+06	-2.400e+04	9.72e-04	0.0	102.1	1.287e+05	1733.44	-674.65	-4.328e+04	-2.400e+04	2.736e+06
157	259	7.898e+05	2677.54	-0.03	-612.50	0.0	4.983e+04	2283.50	-37.44	-3479.27	2677.54	6.633e+05
		6.633e+05	-1144.71	-3.53e-05	0.0	102.1	4.983e+04	1671.00	-37.44	-3479.27	-1144.71	7.898e+05
157	268	8.633e+05	3155.53	-0.04	-612.50	0.0	4.766e+04	2287.81	-47.06	-4959.38	3155.53	7.370e+05
		7.370e+05	-1648.05	1.85e-04	0.0	102.1	4.766e+04	1675.31	-47.06	-4959.38	-1648.05	8.633e+05
157	309	8.719e+05	3734.35	-0.04	-612.50	0.0	4.757e+04	2289.07	-45.39	-4455.81	3734.35	7.453e+05
		7.453e+05	-899.11	6.42e-05	0.0	102.1	4.757e+04	1676.57	-45.39	-4455.81	-899.11	8.719e+05
157	321	2.275e+06	3.474e+04	-0.07	-612.50	0.0	1.083e+05	2332.23	-514.32	-3.340e+04	3.474e+04	2.150e+06
		2.150e+06	-1.777e+04	6.74e-04	0.0	102.1	1.083e+05	1719.73	-514.32	-3.340e+04	-1.777e+04	2.275e+06
157	323	8.153e+05	3090.60	-0.03	-612.50	0.0	4.913e+04	2285.40	-36.42	-3550.04	3090.60	6.887e+05
		6.887e+05	-626.83	-8.00e-05	0.0	102.1	4.913e+04	1672.90	-36.42	-3550.04	-626.83	8.153e+05
157	324	8.719e+05	3734.35	-0.04	-612.50	0.0	4.757e+04	2289.07	-45.39	-4455.81	3734.35	7.453e+05
		7.453e+05	-899.11	6.42e-05	0.0	102.1	4.757e+04	1676.57	-45.39	-4455.81	-899.11	8.719e+05
157	325	1.034e+06	8025.86	-0.04	-612.50	0.0	3.816e+04	2122.93	-38.97	-788.61	8025.86	8.891e+05
		8.891e+05	3004.82	-3.09e-04	0.0	102.1	3.816e+04	1510.43	-38.97	-788.61	3004.82	1.034e+06

157	328	7.093e+05	-557.15	-0.03	-612.50	0.0	5.697e+04	2455.22	-51.80	-8123.00	-557.15	6.016e+05
		6.016e+05	-4803.03	4.18e-04	0.0	102.1	5.697e+04	1842.72	-51.80	-8123.00	-4803.03	7.093e+05
157	342	8.704e+05	-5623.85	-0.04	-612.50	0.0	4.849e+04	2134.01	-130.63	-1.099e+04	-5623.85	7.419e+05
		7.419e+05	-1.557e+04	1.34e-03	0.0	102.1	4.849e+04	1521.51	-130.63	-1.099e+04	-1.557e+04	8.704e+05
157	347	8.733e+05	1.397e+04	-0.04	-612.50	0.0	4.664e+04	2443.96	28.86	2111.90	1.397e+04	7.487e+05
		7.487e+05	1.352e+04	-1.22e-03	0.0	102.1	4.664e+04	1831.46	28.86	2111.90	1.352e+04	8.733e+05
157	357	9.491e+05	4497.35	-0.04	-612.50	0.0	4.317e+04	2193.65	-48.41	-3186.45	4497.35	8.134e+05
		8.134e+05	-497.37	-8.54e-05	0.0	102.1	4.317e+04	1581.15	-48.41	-3186.45	-497.37	9.491e+05
157	360	7.946e+05	2971.36	-0.03	-612.50	0.0	5.197e+04	2384.50	-42.37	-5725.16	2971.36	6.772e+05
		6.772e+05	-1300.84	2.01e-04	0.0	102.1	5.197e+04	1772.00	-42.37	-5725.16	-1300.84	7.946e+05
157	361	9.494e+05	4747.64	-0.04	-612.50	0.0	4.330e+04	2192.31	-51.11	-3225.76	4747.64	8.138e+05
		8.138e+05	-747.88	-5.13e-05	0.0	102.1	4.330e+04	1579.81	-51.11	-3225.76	-747.88	9.494e+05
157	364	7.943e+05	2721.07	-0.03	-612.50	0.0	5.184e+04	2385.84	-39.67	-5685.85	2721.07	6.768e+05
		6.768e+05	-1050.33	1.32e-04	0.0	102.1	5.184e+04	1773.34	-39.67	-5685.85	-1050.33	7.943e+05
157	374	8.920e+05	3714.03	-0.04	-612.50	0.0	4.682e+04	2246.68	-67.82	-5813.03	3714.03	7.629e+05
		7.629e+05	-3074.54	5.68e-04	0.0	102.1	4.682e+04	1634.18	-67.82	-5813.03	-3074.54	8.920e+05
157	387	8.528e+05	5034.48	-0.03	-612.50	0.0	4.875e+04	2326.92	-37.54	-3211.99	5034.48	7.291e+05
		7.291e+05	312.68	-2.11e-04	0.0	102.1	4.875e+04	1714.42	-37.54	-3211.99	312.68	8.528e+05
158	89	3.773e+06	1272.28	-0.12	-826.88	0.0	1.794e+05	4613.53	878.78	3.684e+04	-8.844e+04	3.513e+06
		3.513e+06	-8.844e+04	1.71e-03	0.0	102.1	1.794e+05	3786.66	878.78	3.684e+04	1272.28	3.773e+06
158	146	8.339e+05	2394.72	-0.03	-612.50	0.0	4.744e+04	2550.60	191.97	1.810e+04	-1.720e+04	6.899e+05
		6.899e+05	-1.720e+04	3.28e-04	0.0	102.1	4.744e+04	1938.10	191.97	1.810e+04	2394.72	8.339e+05
158	181	1.194e+06	6084.07	-0.05	-826.88	0.0	6.647e+04	3642.46	551.73	3.578e+04	-3.719e+04	9.845e+05
		9.845e+05	-3.719e+04	3.83e-04	-255.72	102.1	6.647e+04	2815.59	296.01	3.578e+04	6084.07	1.194e+06
158	206	8.621e+05	3388.89	-0.04	-612.50	0.0	4.684e+04	2542.95	188.00	1.877e+04	-1.580e+04	7.175e+05
		7.175e+05	-1.580e+04	2.16e-04	0.0	102.1	4.684e+04	1930.45	188.00	1.877e+04	3388.89	8.621e+05
158	251	2.575e+06	3443.58	-0.08	-612.50	0.0	1.209e+05	2863.68	571.12	3.508e+04	-5.486e+04	2.417e+06
		2.417e+06	-5.486e+04	9.70e-04	0.0	102.1	1.209e+05	2251.18	571.12	3.508e+04	3443.58	2.575e+06
158	259	8.082e+05	4066.30	-0.03	-612.50	0.0	5.024e+04	2652.23	257.00	2.310e+04	-2.217e+04	6.543e+05
		6.543e+05	-2.217e+04	2.17e-04	0.0	102.1	5.024e+04	2039.73	257.00	2.310e+04	4066.30	8.082e+05
158	268	8.784e+05	3534.55	-0.04	-612.50	0.0	4.852e+04	2671.06	249.80	2.202e+04	-2.197e+04	7.252e+05
		7.252e+05	-2.197e+04	3.26e-04	0.0	102.1	4.852e+04	2058.56	249.80	2.202e+04	3534.55	8.784e+05
158	302	8.384e+05	4412.96	-0.03	-612.50	0.0	5.012e+04	2682.09	392.09	2.551e+04	-2.691e+04	6.814e+05
		6.814e+05	-2.691e+04	2.73e-04	-170.48	102.1	5.012e+04	2069.59	221.61	2.551e+04	4412.96	8.384e+05
158	309	8.912e+05	4256.68	-0.04	-612.50	0.0	4.837e+04	2665.36	246.74	2.253e+04	-2.093e+04	7.377e+05
		7.377e+05	-2.093e+04	2.50e-04	0.0	102.1	4.837e+04	2052.86	246.74	2.253e+04	4256.68	8.912e+05
158	319	8.393e+05	4723.39	-0.03	-612.50	0.0	4.931e+04	2669.17	245.57	2.210e+04	-2.035e+04	6.868e+05
		6.868e+05	-2.035e+04	2.09e-04	0.0	102.1	4.931e+04	2056.67	245.57	2.210e+04	4723.39	8.393e+05
158	321	2.160e+06	4078.04	-0.07	-612.50	0.0	1.025e+05	2810.81	490.26	3.214e+04	-4.597e+04	2.003e+06
		2.003e+06	-4.597e+04	7.42e-04	0.0	102.1	1.025e+05	2198.31	490.26	3.214e+04	4078.04	2.160e+06
158	323	8.355e+05	4545.08	-0.03	-612.50	0.0	4.955e+04	2652.22	254.67	2.316e+04	-2.145e+04	6.814e+05
		6.814e+05	-2.145e+04	1.90e-04	0.0	102.1	4.955e+04	2039.72	254.67	2.316e+04	4545.08	8.355e+05
158	324	8.912e+05	4256.68	-0.04	-612.50	0.0	4.837e+04	2665.36	246.74	2.253e+04	-2.093e+04	7.377e+05
		7.377e+05	-2.093e+04	2.50e-04	0.0	102.1	4.837e+04	2052.86	246.74	2.253e+04	4256.68	8.912e+05
158	325	1.077e+06	6792.03	-0.04	-612.50	0.0	3.653e+04	2871.43	186.60	2.887e+04	-1.365e+04	8.965e+05
		8.965e+05	-1.365e+04	-2.12e-04	0.0	102.1	3.653e+04	2258.93	186.60	2.887e+04	6792.03	1.077e+06
158	336	7.053e+05	1755.33	-0.03	-612.50	0.0	6.009e+04	2461.02	305.58	1.615e+04	-2.805e+04	5.788e+05
		5.788e+05	-2.805e+04	5.08e-04	0.0	102.1	6.009e+04	1848.52	305.58	1.615e+04	1755.33	7.053e+05
158	341	1.040e+06	1.694e+04	-0.04	-612.50	0.0	3.489e+04	2490.67	181.41	3.220e+04	-6246.20	8.751e+05
		8.751e+05	-6246.20	-1.05e-03	0.0	102.1	3.489e+04	1878.17	181.41	3.220e+04	1.694e+04	1.040e+06
158	344	7.424e+05	-8425.30	-0.03	-612.50	0.0	6.186e+04	2840.05	312.07	1.286e+04	-3.562e+04	6.002e+05
		6.002e+05	-3.562e+04	1.29e-03	0.0	102.1	6.186e+04	2227.55	312.07	1.286e+04	-8425.30	7.424e+05
158	347	9.468e+05	1.779e+04	-0.04	-612.50	0.0	3.999e+04	2320.77	207.75	2.992e+04	-8090.62	7.976e+05
		7.976e+05	-8090.62	-1.08e-03	0.0	102.1	3.999e+04	1708.27	207.75	2.992e+04	1.779e+04	9.468e+05
158	357	9.732e+05	4119.47	-0.04	-612.50	0.0	4.344e+04	2798.01	226.00	2.506e+04	-1.892e+04	8.065e+05
		8.065e+05	-1.892e+04	1.76e-04	0.0	102.1	4.344e+04	2185.51	226.00	2.506e+04	4119.47	9.732e+05
158	360	8.092e+05	4393.89	-0.03	-612.50	0.0	5.330e+04	2532.72	267.48	1.999e+04	-2.294e+04	6.689e+05
		6.689e+05	-2.294e+04	3.31e-04	0.0	102.1	5.330e+04	1920.22	267.48	1.999e+04	4393.89	8.092e+05
158	361	9.734e+05	3935.98	-0.04	-612.50	0.0	4.386e+04	2782.63	225.73	2.508e+04	-1.904e+04	8.088e+05
		8.088e+05	-1.904e+04	2.05e-04	0.0	102.1	4.386e+04	2170.13	225.73	2.508e+04	3935.98	9.734e+05
158	372	8.090e+05	4594.08	-0.03	-612.50	0.0	5.282e+04	2548.95	267.11	1.996e+04	-2.274e+04	6.665e+05
		6.665e+05	-2.274e+04	2.90e-04	0.0	102.1	5.282e+04	1936.45	267.11	1.996e+04	4594.08	8.090e+05
158	379	8.747e+05	6374.83	-0.04	-612.50	0.0	4.768e+04	2582.83	259.46	2.396e+04	-2.001e+04	7.256e+05
		7.256e+05	-2.001e+04	-4.01e-04	0.0	102.1	4.768e+04	1970.33	259.46	2.396e+04	6374.83	8.747e+05
159	89	1.164e+06	1.477e+05	-0.41	-745.88	0.0	4.679e+04	3.949e+04	-1817.37	-1.696e+05	1.477e+05	-1.741e+06
		-1.741e+06	1.964e+04	1.75e-03	0.0	92.1	4.679e+04	3.875e+04	-1817.37	-1.696e+05	-1.964e+04	1.164e+06
159	127	1.870e+05	2.812e+04	-0.15	-745.87	0.0	3.593e+04	1.878e+04	-596.06	-7.671e+04	2.812e+04	-1.408e+06
		-1.408e+06	-2.040e+04	1.86e-03	138.40	92.1	3.593e+04	1.804e+04	-457.66	-7.671e+04	-2.040e+04	1.870e+05
159	206	1.427e+05	156.83	-0.07	-552.50	0.0	1.367e+04	8366.32	-96.53	-1.697e+04	156.83	-5.239e+05
		-5.239e+05	-8731.84	4.15e-04	0.0	92.1	1.367e+04	7813.82	-96.53	-1.697e+04	-8731.84	1.427e+05
159	243	2.436e+04	-1.173e+04	-0.06	-552.50	0.0	1.962e+04	8908.02	48.57	-1.600e+04	-1.620e+04	-7.673e+05
		-7.673e+05	-1.620e+04	7.30e-04	0.0	92.1	1.962e+04	8355.52	48.57	-1.600e+04	-1.173e+04	2.436e+04
159	251	7.775e+05	8.331e+04	-0.26	-552.50	0.0	2.628e+04	2.420e+04	-1032.31	-9.019e+04	8.331e+04	-9.597e+05
		-9.597e+05	-1.175e+04	8.55e-04	0.0	92.1	2.628e+04	2.365e+04	-1032.31	-9.019e+04	-1.175e+04	7.775e+05
159	270	1.391e+05	1.991e+04	-0.11	-552.50	0.0	2.650e+04	1.387e+04	-424.61	-5.604e+04	1.991e+04	-1.038e+06
		-1.038e+06	-1.494e+04	1.34e-03	92.27	92.1	2.650e+04	1.332e+04	-332.35	-5.604e+04	-1.494e+04	1.391e+05
159	287	1.393e+05	4407.40	-0.07	-552.50	0.0	1.451e+04	8667.62	-155.43	-2.101e+04	4407.40	-5.585e+05

		-5.585e+05	-9905.13	6.13e-04	0.0	92.1	1.451e+04	8115.12	-155.43	-2.101e+04	-9905.13	1.393e+05
159	309	1.492e+05	5726.21	-0.08	-552.50	0.0	1.412e+04	8682.06	-165.65	-2.178e+04	5726.21	-5.424e+05
		-5.424e+05	-9527.27	4.24e-04	0.0	92.1	1.412e+04	8129.56	-165.65	-2.178e+04	-9527.27	1.492e+05
159	311	1.209e+05	5347.53	-0.09	-552.50	0.0	2.006e+04	1.079e+04	-189.96	-3.354e+04	5347.53	-7.813e+05
		-7.813e+05	-1.214e+04	7.18e-04	0.0	92.1	2.006e+04	1.023e+04	-189.96	-3.354e+04	-1.214e+04	1.209e+05
159	321	6.290e+05	6.454e+04	-0.22	-552.50	0.0	2.286e+04	2.031e+04	-819.73	-7.326e+04	6.454e+04	-8.394e+05
		-8.394e+05	-1.095e+04	5.48e-04	0.0	92.1	2.286e+04	1.976e+04	-819.73	-7.326e+04	-1.095e+04	6.290e+05
159	324	1.492e+05	5726.21	-0.08	-552.50	0.0	1.412e+04	8682.06	-165.65	-2.178e+04	5726.21	-5.424e+05
		-5.424e+05	-9527.27	4.24e-04	0.0	92.1	1.412e+04	8129.56	-165.65	-2.178e+04	-9527.27	1.492e+05
159	333	2.231e+05	4173.78	-0.08	-552.50	0.0	1.154e+04	9575.09	-136.59	-1.809e+04	4173.78	-4.705e+05
		-4.705e+05	-6795.12	-1.38e-03	0.0	92.1	1.154e+04	9022.59	-136.59	-1.809e+04	-6795.12	2.231e+05
159	336	7.528e+04	7278.64	-0.07	-552.50	0.0	1.671e+04	7789.03	-194.71	-2.547e+04	7278.64	-6.144e+05
		-6.144e+05	-1.226e+04	2.22e-03	0.0	92.1	1.671e+04	7236.53	-194.71	-2.547e+04	-1.226e+04	7.528e+04
159	341	2.457e+05	-5709.52	-0.07	-552.50	0.0	1.212e+04	9681.25	56.17	-1524.04	-1.173e+04	-4.806e+05
		-4.806e+05	-1.173e+04	-4.57e-03	0.0	92.1	1.212e+04	9128.75	56.17	-1524.04	-5709.52	2.457e+05
159	342	8.258e+04	2.585e+04	-0.09	-552.50	0.0	1.484e+04	8069.75	-413.26	-4.361e+04	2.585e+04	-5.693e+05
		-5.693e+05	-1.225e+04	5.24e-03	0.0	92.1	1.484e+04	7517.25	-413.26	-4.361e+04	-1.225e+04	8.258e+04
159	343	2.158e+05	-6806.36	-0.06	-552.50	0.0	1.341e+04	9294.37	81.96	52.29	-1.439e+04	-5.156e+05
		-5.156e+05	-1.439e+04	-4.40e-03	0.0	92.1	1.341e+04	8741.87	81.96	52.29	-6806.36	2.158e+05
159	364	1.174e+05	4293.18	-0.07	-552.50	0.0	1.531e+04	8322.16	-154.65	-2.114e+04	4293.18	-5.758e+05
		-5.758e+05	-1.066e+04	7.18e-04	0.0	92.1	1.531e+04	7769.66	-154.65	-2.114e+04	-1.066e+04	1.174e+05
159	365	1.833e+05	7261.39	-0.08	-552.50	0.0	1.291e+04	9077.43	-179.09	-2.233e+04	7261.39	-5.083e+05
		-5.083e+05	-8459.68	-5.29e-05	0.0	92.1	1.291e+04	8524.93	-179.09	-2.233e+04	-8459.68	1.833e+05
159	368	1.151e+05	4191.03	-0.07	-552.50	0.0	1.534e+04	8286.69	-152.21	-2.455e+04	4191.03	-5.766e+05
		-5.766e+05	-1.059e+04	9.00e-04	0.0	92.1	1.534e+04	7734.19	-152.21	-2.455e+04	-1.059e+04	1.151e+05
159	373	1.863e+05	4583.26	-0.08	-552.50	0.0	1.339e+04	8990.98	-146.23	-1.952e+04	4583.26	-5.178e+05
		-5.178e+05	-8622.68	-6.61e-04	0.0	92.1	1.339e+04	8438.48	-146.23	-1.952e+04	-8622.68	1.863e+05
159	382	1.357e+05	9148.21	-0.08	-552.50	0.0	1.412e+04	8678.23	-209.12	-2.455e+04	9148.21	-5.475e+05
		-5.475e+05	-9962.08	8.83e-04	0.0	92.1	1.412e+04	8125.73	-209.12	-2.455e+04	-9962.08	1.357e+05
160	89	1.093e+06	1.832e+05	-0.38	-745.88	0.0	4.362e+04	3.527e+04	-1831.46	-1.015e+05	1.832e+05	-1.543e+06
		-1.543e+06	1.460e+04	-1.49e-03	0.0	92.1	4.362e+04	3.452e+04	-1831.46	-1.015e+05	1.460e+04	1.093e+06
160	97	6.215e+05	1.872e+05	-0.33	-745.87	0.0	3.890e+04	2.593e+04	-1836.28	-9.488e+04	1.872e+05	-1.429e+06
		-1.429e+06	1.816e+04	-1.65e-03	0.0	92.1	3.890e+04	2.519e+04	-1836.28	-9.488e+04	1.816e+04	6.215e+05
160	206	1.352e+05	2.593e+04	-0.07	-552.50	0.0	1.375e+04	7955.11	-233.39	4384.25	2.593e+04	-5.141e+05
		-5.141e+05	4443.06	-3.26e-04	0.0	92.1	1.375e+04	7402.61	-233.39	4384.25	4443.06	1.352e+05
160	251	7.254e+05	8.375e+04	-0.24	-552.50	0.0	2.517e+04	2.186e+04	-845.07	-4.432e+04	8.375e+04	-8.703e+05
		-8.703e+05	5937.76	7.69e-04	0.0	92.1	2.517e+04	2.130e+04	-845.07	-4.432e+04	5937.76	7.254e+05
160	270	1.320e+05	9.637e+04	-0.10	-552.50	0.0	2.514e+04	1.256e+04	-926.19	-2.552e+04	9.637e+04	-9.635e+05
		-9.635e+05	1.108e+04	-1.00e-03	0.0	92.1	2.514e+04	1.201e+04	-926.19	-2.552e+04	1.108e+04	1.320e+05
160	287	1.301e+05	3.062e+04	-0.07	-552.50	0.0	1.440e+04	8128.18	-281.00	4391.13	3.062e+04	-5.399e+05
		-5.399e+05	4744.94	-3.14e-04	0.0	92.1	1.440e+04	7575.68	-281.00	4391.13	4744.94	1.301e+05
160	309	1.369e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8127.62	-253.67	3482.48	2.793e+04	-5.283e+05
		-5.283e+05	4570.72	-3.49e-04	0.0	92.1	1.413e+04	7575.12	-253.67	3482.48	4570.72	1.369e+05
160	321	5.833e+05	6.635e+04	-0.20	-552.50	0.0	2.218e+04	1.841e+04	-663.37	-3.264e+04	6.635e+04	-7.747e+05
		-7.747e+05	5270.01	-5.51e-04	0.0	92.1	2.218e+04	1.786e+04	-663.37	-3.264e+04	5270.01	5.833e+05
160	322	3.212e+05	6.858e+04	-0.17	-552.50	0.0	1.956e+04	1.322e+04	-666.05	-2.893e+04	6.858e+04	-7.110e+05
		-7.110e+05	7248.15	-6.38e-04	0.0	92.1	1.956e+04	1.267e+04	-666.05	-2.893e+04	7248.15	3.212e+05
160	324	1.369e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8127.62	-253.67	3482.48	2.793e+04	-5.283e+05
		-5.283e+05	4570.72	-3.49e-04	0.0	92.1	1.413e+04	7575.12	-253.67	3482.48	4570.72	1.369e+05
160	326	1.873e+05	3.607e+04	-0.09	-552.50	0.0	1.168e+04	7505.47	-346.48	-3679.12	3.607e+04	-4.657e+05
		-4.657e+05	5138.86	1.30e-03	0.0	92.1	1.168e+04	6952.97	-346.48	-3679.12	5138.86	1.873e+05
160	327	8.644e+04	1.979e+04	-0.06	-552.50	0.0	1.659e+04	8749.77	-160.85	1.064e+04	1.979e+04	-5.908e+05
		-5.908e+05	4002.58	-1.43e-03	0.0	92.1	1.659e+04	8197.27	-160.85	1.064e+04	4002.58	8.644e+04
160	345	1.338e+05	1500.00	-0.07	-552.50	0.0	1.445e+04	8091.38	197.87	2.464e+04	-1.337e+04	-5.312e+05
		-5.312e+05	-1.337e+04	-4.78e-03	0.0	92.1	1.445e+04	7538.88	197.87	2.464e+04	1500.00	1.338e+05
160	348	1.399e+05	6.923e+04	-0.07	-552.50	0.0	1.382e+04	8163.85	-705.21	-1.768e+04	6.923e+04	-5.253e+05
		-5.253e+05	7641.44	4.65e-03	0.0	92.1	1.382e+04	7611.35	-705.21	-1.768e+04	7641.44	1.399e+05
160	357	1.607e+05	2.361e+04	-0.08	-552.50	0.0	1.300e+04	7837.29	-209.68	2378.90	2.361e+04	-4.992e+05
		-4.992e+05	4207.99	-4.75e-04	0.0	92.1	1.300e+04	7284.79	-209.68	2378.90	4207.99	1.607e+05
160	360	1.130e+05	3.225e+04	-0.07	-552.50	0.0	1.527e+04	8417.95	-297.65	4586.06	3.225e+04	-5.573e+05
		-5.573e+05	4933.45	-2.67e-04	0.0	92.1	1.527e+04	7865.45	-297.65	4586.06	4933.45	1.130e+05
160	361	1.609e+05	2.437e+04	-0.08	-552.50	0.0	1.304e+04	7834.89	-217.45	2590.44	2.437e+04	-4.993e+05
		-4.993e+05	4201.90	-3.89e-04	0.0	92.1	1.304e+04	7282.39	-217.45	2590.44	4201.90	1.609e+05
160	380	1.278e+05	3.672e+04	-0.07	-552.50	0.0	1.462e+04	8197.69	-344.26	6067.23	3.672e+04	-5.389e+05
		-5.389e+05	5297.06	8.81e-04	0.0	92.1	1.462e+04	7645.19	-344.26	6067.23	5297.06	1.278e+05
160	385	1.464e+05	2.168e+04	-0.08	-552.50	0.0	1.378e+04	8049.56	-188.98	1602.89	2.168e+04	-5.179e+05
		-5.179e+05	3824.09	-5.27e-04	0.0	92.1	1.378e+04	7497.06	-188.98	1602.89	3824.09	1.464e+05
161	89	9.858e+05	1.303e+05	-0.35	-745.87	0.0	3.870e+04	3.127e+04	-1404.02	-1.480e+05	1.303e+05	-1.333e+06
		-1.333e+06	1047.22	2.09e-03	0.0	92.1	3.870e+04	3.053e+04	-1404.02	-1.480e+05	1047.22	9.858e+05
161	90	9.359e+05	1.424e+05	-0.32	-552.50	0.0	3.331e+04	2.823e+04	-1516.12	-1.478e+05	1.424e+05	-1.132e+06
		-1.132e+06	2793.77	2.06e-03	0.0	92.1	3.331e+04	2.768e+04	-1516.12	-1.478e+05	2793.77	9.359e+05
161	111	2.215e+05	-7433.43	-0.12	-745.87	0.0	2.380e+04	1.345e+04	363.91	-6911.04	-4.094e+04	-8.902e+05
		-8.902e+05	-4.094e+04	6.87e-04	0.0	92.1	2.380e+04	1.271e+04	363.91	-6911.04	-7433.43	2.215e+05
161	206	1.352e+05	-4443.07	-0.07	-552.50	0.0	1.375e+04	7955.11	233.39	-4384.27	-2.593e+04	-5.141e+05
		-5.141e+05	-2.593e+04	3.26e-04	0.0	92.1	1.375e+04	7402.61	233.39	-4384.27	-4443.07	1.352e+05
161	251	6.813e+05	6.031e+04	-0.23	-552.50	0.0	2.343e+04	2.034e+04	-650.63	-6.864e+04	6.031e+04	-7.972e+05
		-7.972e+05	395.60	1.39e-03	0.0	92.1	2.343e+04	1.979e+04	-650.63	-6.864e+04	395.60	6.813e+05

161	259	4.712e+04	-6360.87	-0.06	-552.50	0.0	1.801e+04	8293.87	416.36	-2958.99	-4.470e+04	-6.907e+05
		-6.907e+05	-4.470e+04	5.14e-04	0.0	92.1	1.801e+04	7741.37	416.36	-2958.99	-6360.87	4.712e+04
161	268	1.311e+05	-4105.71	-0.07	-552.50	0.0	1.433e+04	8122.95	212.18	-3855.56	-2.364e+04	-5.360e+05
		-5.360e+05	-2.364e+04	4.51e-04	0.0	92.1	1.433e+04	7570.45	212.18	-3855.56	-4105.71	1.311e+05
161	289	9.761e+04	-5993.40	-0.09	-552.50	0.0	2.313e+04	1.110e+04	22.16	-4.417e+04	-8034.21	-8.764e+05
		-8.764e+05	-8034.21	2.36e-04	0.0	92.1	2.313e+04	1.055e+04	22.16	-4.417e+04	-5993.40	9.761e+04
161	310	1.374e+05	-4251.11	-0.07	-552.50	0.0	1.410e+04	8125.00	219.26	-3214.70	-2.444e+04	-5.263e+05
		-5.263e+05	-2.444e+04	4.22e-04	0.0	92.1	1.410e+04	7572.50	219.26	-3214.70	-4251.11	1.374e+05
161	321	5.495e+05	3.646e+04	-0.19	-552.50	0.0	2.093e+04	1.728e+04	-406.80	-5.249e+04	3.646e+04	-7.228e+05
		-7.228e+05	-999.42	8.99e-04	0.0	92.1	2.093e+04	1.673e+04	-406.80	-5.249e+04	-999.42	5.495e+05
161	323	7.394e+04	-6066.77	-0.07	-552.50	0.0	1.686e+04	8244.99	393.44	-3225.71	-4.230e+04	-6.429e+05
		-6.429e+05	-4.230e+04	4.24e-04	0.0	92.1	1.686e+04	7692.49	393.44	-3225.71	-6066.77	7.394e+04
161	324	1.369e+05	-4570.72	-0.07	-552.50	0.0	1.413e+04	8127.62	253.67	-3482.49	-2.793e+04	-5.283e+05
		-5.283e+05	-2.793e+04	3.49e-04	0.0	92.1	1.413e+04	7575.12	253.67	-3482.49	-4570.72	1.369e+05
161	333	1.879e+05	-3376.36	-0.09	-552.50	0.0	1.168e+04	7491.79	352.71	3328.06	-3.649e+04	-4.654e+05
		-4.654e+05	-3.649e+04	-1.30e-03	0.0	92.1	1.168e+04	6939.29	352.71	3328.06	-3376.36	1.879e+05
161	336	8.588e+04	-5765.09	-0.06	-552.50	0.0	1.659e+04	8763.44	154.62	-1.029e+04	-1.936e+04	-5.912e+05
		-5.912e+05	-1.936e+04	1.42e-03	0.0	92.1	1.659e+04	8210.94	154.62	-1.029e+04	-5765.09	8.588e+04
161	342	1.319e+05	1.480e+04	-0.07	-552.50	0.0	1.446e+04	8136.96	-218.65	-2.347e+04	1.480e+04	-5.323e+05
		-5.323e+05	-7375.03	4.76e-03	0.0	92.1	1.446e+04	7584.46	-218.65	-2.347e+04	-7375.03	1.319e+05
161	343	1.418e+05	-1766.42	-0.07	-552.50	0.0	1.381e+04	8118.27	725.98	1.651e+04	-7.066e+04	-5.242e+05
		-5.242e+05	-7.066e+04	-4.63e-03	0.0	92.1	1.381e+04	7565.77	725.98	1.651e+04	-1766.42	1.418e+05
161	366	1.607e+05	-4207.99	-0.08	-552.50	0.0	1.300e+04	7837.28	209.68	-2378.91	-2.361e+04	-4.992e+05
		-4.992e+05	-2.361e+04	4.75e-04	0.0	92.1	1.300e+04	7284.78	209.68	-2378.91	-4207.99	1.607e+05
161	367	1.130e+05	-4933.45	-0.07	-552.50	0.0	1.527e+04	8417.95	297.65	-4586.07	-3.225e+04	-5.573e+05
		-5.573e+05	-3.225e+04	2.67e-04	0.0	92.1	1.527e+04	7865.45	297.65	-4586.07	-4933.45	1.130e+05
161	370	1.609e+05	-4201.91	-0.08	-552.50	0.0	1.304e+04	7834.89	217.45	-2590.46	-2.437e+04	-4.993e+05
		-4.993e+05	-2.437e+04	3.89e-04	0.0	92.1	1.304e+04	7282.39	217.45	-2590.46	-4201.91	1.609e+05
161	375	1.278e+05	-5297.06	-0.07	-552.50	0.0	1.462e+04	8197.69	344.26	-6067.24	-3.672e+04	-5.389e+05
		-5.389e+05	-3.672e+04	-8.81e-04	0.0	92.1	1.462e+04	7645.19	344.26	-6067.24	-5297.06	1.278e+05
161	382	1.464e+05	-3824.09	-0.08	-552.50	0.0	1.378e+04	8049.56	188.97	-1602.91	-2.168e+04	-5.179e+05
		-5.179e+05	-2.168e+04	5.27e-04	0.0	92.1	1.378e+04	7497.06	188.97	-1602.91	-3824.09	1.464e+05
162	89	9.648e+05	9.618e+04	-0.32	-745.87	0.0	3.390e+04	2.964e+04	-785.75	-6.281e+04	9.618e+04	-1.181e+06
		-1.181e+06	2.382e+04	2.07e-03	0.0	92.1	3.390e+04	2.889e+04	-785.75	-6.281e+04	2.382e+04	9.648e+05
162	98	5.235e+05	1.059e+05	-0.25	-552.50	0.0	2.558e+04	1.897e+04	-934.99	-7.080e+04	1.059e+05	-9.116e+05
		-9.116e+05	1.985e+04	1.11e-03	0.0	92.1	2.558e+04	1.842e+04	-934.99	-7.080e+04	1.985e+04	5.235e+05
162	122	1.434e+05	8633.52	-0.07	-552.50	0.0	1.351e+04	8350.34	70.36	1.634e+04	2154.26	-5.170e+05
		-5.170e+05	2154.26	8.48e-05	0.0	92.1	1.351e+04	7797.84	70.36	1.634e+04	8633.52	1.434e+05
162	161	1.980e+05	1.380e+04	-0.10	-745.87	0.0	1.943e+04	1.186e+04	436.05	3.617e+04	-1.573e+04	-7.478e+05
		-7.478e+05	-1.573e+04	-4.28e-04	-230.67	92.1	1.943e+04	1.111e+04	205.38	3.617e+04	1.380e+04	1.980e+05
162	251	6.768e+05	3.137e+04	-0.22	-552.50	0.0	2.148e+04	2.001e+04	-191.44	-1.522e+04	3.137e+04	-7.471e+05
		-7.471e+05	1.374e+04	1.48e-03	0.0	92.1	2.148e+04	1.946e+04	-191.44	-1.522e+04	1.374e+04	6.768e+05
162	267	1.497e+05	9461.05	-0.07	-552.50	0.0	1.401e+04	8671.36	148.25	2.136e+04	-4190.04	-5.378e+05
		-5.378e+05	-4190.04	-1.23e-04	0.0	92.1	1.401e+04	8118.86	148.25	2.136e+04	9461.05	1.497e+05
162	270	9.981e+04	4.749e+04	-0.08	-552.50	0.0	2.124e+04	1.069e+04	-351.36	-1.155e+04	4.749e+04	-8.153e+05
		-8.153e+05	1.513e+04	-9.59e-04	0.0	92.1	2.124e+04	1.014e+04	-351.36	-1.155e+04	1.513e+04	9.981e+04
162	287	1.463e+05	1.008e+04	-0.08	-552.50	0.0	1.432e+04	8740.10	300.41	2.581e+04	-1.051e+04	-5.509e+05
		-5.509e+05	-1.051e+04	-3.28e-04	-153.78	92.1	1.432e+04	8187.60	146.63	2.581e+04	1.008e+04	1.463e+05
162	289	9.838e+04	4.361e+04	-0.08	-552.50	0.0	2.141e+04	1.074e+04	-259.70	-8743.16	4.361e+04	-8.225e+05
		-8.225e+05	1.545e+04	-1.02e-03	-92.27	92.1	2.141e+04	1.018e+04	-259.70	-8743.16	1.545e+04	9.838e+04
162	309	1.492e+05	9527.20	-0.08	-552.50	0.0	1.412e+04	8682.06	165.65	2.178e+04	-5726.47	-5.424e+05
		-5.424e+05	-5726.47	-4.24e-04	0.0	92.1	1.412e+04	8129.56	165.65	2.178e+04	9527.20	1.492e+05
162	310	1.539e+05	9345.31	-0.08	-552.50	0.0	1.389e+04	8679.00	161.75	2.184e+04	-5549.41	-5.327e+05
		-5.327e+05	-5549.41	-1.95e-04	0.0	92.1	1.389e+04	8126.50	161.75	2.184e+04	9345.31	1.539e+05
162	311	9.987e+04	1.895e+04	-0.08	-552.50	0.0	1.824e+04	9525.69	-71.17	8244.77	1.895e+04	-7.044e+05
		-7.044e+05	1.240e+04	-8.29e-04	0.0	92.1	1.824e+04	8973.19	-71.17	8244.77	1.240e+04	9.987e+04
162	321	5.463e+05	2.121e+04	-0.18	-552.50	0.0	1.960e+04	1.717e+04	-92.24	-5888.54	2.121e+04	-6.945e+05
		-6.945e+05	1.217e+04	8.46e-04	0.0	92.1	1.960e+04	1.662e+04	-92.24	-5888.54	1.217e+04	5.463e+05
162	322	3.343e+05	2.196e+04	-0.16	-552.50	0.0	1.802e+04	1.314e+04	-98.78	-3017.24	2.196e+04	-6.625e+05
		-6.625e+05	1.287e+04	-2.41e-04	0.0	92.1	1.802e+04	1.259e+04	-98.78	-3017.24	1.287e+04	3.343e+05
162	324	1.492e+05	9527.20	-0.08	-552.50	0.0	1.412e+04	8682.06	165.65	2.178e+04	-5726.47	-5.424e+05
		-5.424e+05	-5726.47	-4.24e-04	0.0	92.1	1.412e+04	8129.56	165.65	2.178e+04	9527.20	1.492e+05
162	326	2.215e+05	6779.52	-0.08	-552.50	0.0	1.155e+04	9564.59	132.65	1.843e+04	-3864.68	-4.711e+05
		-4.711e+05	-3864.68	1.36e-03	0.0	92.1	1.155e+04	9012.09	132.65	1.843e+04	6779.52	2.215e+05
162	327	7.685e+04	1.227e+04	-0.07	-552.50	0.0	1.670e+04	7799.53	198.66	2.513e+04	-7588.25	-6.138e+05
		-6.138e+05	-7588.25	-2.20e-03	0.0	92.1	1.670e+04	7247.03	198.66	2.513e+04	1.227e+04	7.685e+04
162	345	8.782e+04	1.230e+04	-0.09	-552.50	0.0	1.481e+04	8104.74	426.39	4.247e+04	-2.688e+04	-5.673e+05
		-5.673e+05	-2.688e+04	-5.17e-03	0.0	92.1	1.481e+04	7552.24	426.39	4.247e+04	1.230e+04	8.782e+04
162	346	2.404e+05	1.276e+04	-0.07	-552.50	0.0	1.214e+04	9646.26	-69.30	2664.98	1.276e+04	-4.827e+05
		-4.827e+05	5657.65	4.50e-03	0.0	92.1	1.214e+04	9093.76	-69.30	2664.98	5657.65	2.404e+05
162	348	2.106e+05	1.542e+04	-0.06	-552.50	0.0	1.344e+04	9259.38	-95.09	1088.64	1.542e+04	-5.176e+05
		-5.176e+05	6754.49	4.32e-03	0.0	92.1	1.344e+04	8706.88	-95.09	1088.64	6754.49	2.106e+05
162	358	1.833e+05	8459.62	-0.08	-552.50	0.0	1.291e+04	9077.43	179.09	2.233e+04	-7261.64	-5.083e+05
		-5.083e+05	-7261.64	5.29e-05	0.0	92.1	1.291e+04	8524.93	179.09	2.233e+04	8459.62	1.833e+05
162	359	1.151e+05	1.059e+04	-0.07	-552.50	0.0	1.534e+04	8286.69	152.21	2.123e+04	-4191.29	-5.766e+05
		-5.766e+05	-4191.29	-9.00e-04	0.0	92.1	1.534e+04	7734.19	152.21	2.123e+04	1.059e+04	1.151e+05
162	371	1.174e+05	1.066e+04	-0.07	-552.50	0.0	1.531e+04	8322.16	154.65	2.114e+04	-4293.44	-5.758e+05

		-5.758e+05	-4293.44	-7.18e-04	0.0	92.1	1.531e+04	7769.66	154.65	2.114e+04	1.066e+04	1.174e+05
162	378	1.863e+05	8622.61	-0.08	-552.50	0.0	1.339e+04	8990.98	146.23	1.952e+04	-4583.55	-5.178e+05
		-5.178e+05	-4583.55	6.61e-04	0.0	92.1	1.339e+04	8438.48	146.23	1.952e+04	8622.61	1.863e+05
162	385	1.357e+05	9962.02	-0.08	-552.50	0.0	1.412e+04	8678.23	209.12	2.455e+04	-9148.43	-5.475e+05
		-5.475e+05	-9148.43	-8.83e-04	0.0	92.1	1.412e+04	8125.73	209.12	2.455e+04	9962.02	1.357e+05
163	105	4.932e+06	1.783e+04	-0.16	-826.87	0.0	2.399e+05	5256.34	-464.50	-9.798e+04	1.783e+04	4.636e+06
		4.636e+06	-2.959e+04	-2.63e-04	0.0	102.1	2.399e+05	4429.47	-464.50	-9.798e+04	-2.959e+04	4.932e+06
163	143	1.191e+06	3.583e+04	-0.05	-826.87	0.0	6.629e+04	3628.02	-555.08	-3.617e+04	3.583e+04	9.810e+05
		9.810e+05	-7779.44	-2.96e-04	255.72	102.1	6.629e+04	2801.15	-299.36	-3.617e+04	-7779.44	1.191e+06
163	184	8.282e+05	1.591e+04	-0.03	-612.50	0.0	4.733e+04	2536.06	-196.10	-1.857e+04	1.591e+04	6.835e+05
		6.835e+05	-4110.26	-1.91e-04	0.0	102.1	4.733e+04	1923.56	-196.10	-1.857e+04	-4110.26	8.282e+05
163	206	8.611e+05	1.580e+04	-0.03	-612.50	0.0	4.681e+04	2538.66	-187.96	-1.874e+04	1.580e+04	7.168e+05
		7.168e+05	-3387.62	-2.16e-04	0.0	102.1	4.681e+04	1926.16	-187.96	-1.874e+04	-3387.62	8.611e+05
163	255	7.871e+05	2.344e+04	-0.03	-612.50	0.0	5.136e+04	2652.44	-271.40	-2.238e+04	2.344e+04	6.320e+05
		6.320e+05	-4263.79	-2.55e-04	0.0	102.1	5.136e+04	2039.94	-271.40	-2.238e+04	-4263.79	7.871e+05
163	259	3.117e+06	1.966e+04	-0.09	-612.50	0.0	1.485e+05	2591.18	-371.28	-5.558e+04	1.966e+04	2.979e+06
		2.979e+06	-1.824e+04	-2.58e-04	0.0	102.1	1.485e+05	1978.68	-371.28	-5.558e+04	-1.824e+04	3.117e+06
163	283	8.390e+05	2.598e+04	-0.03	-612.50	0.0	4.992e+04	2672.39	-393.95	-2.577e+04	2.598e+04	6.844e+05
		6.844e+05	-5538.75	-2.16e-04	170.48	102.1	4.992e+04	2059.89	-223.47	-2.577e+04	-5538.75	8.390e+05
163	287	8.761e+05	2.109e+04	-0.04	-612.50	0.0	4.839e+04	2659.42	-252.35	-2.235e+04	2.109e+04	7.225e+05
		7.225e+05	-4675.19	-2.39e-04	0.0	102.1	4.839e+04	2046.92	-252.35	-2.235e+04	-4675.19	8.761e+05
163	310	8.926e+05	2.044e+04	-0.04	-612.50	0.0	4.822e+04	2658.93	-247.30	-2.262e+04	2.044e+04	7.392e+05
		7.392e+05	-4809.67	-2.31e-04	0.0	102.1	4.822e+04	2046.43	-247.30	-2.262e+04	-4809.67	8.926e+05
163	322	8.205e+05	2.307e+04	-0.03	-612.50	0.0	5.045e+04	2656.05	-263.60	-2.237e+04	2.307e+04	6.660e+05
		6.660e+05	-3842.25	-2.69e-04	0.0	102.1	5.045e+04	2043.55	-263.60	-2.237e+04	-3842.25	8.205e+05
163	323	2.567e+06	2.023e+04	-0.08	-612.50	0.0	1.233e+05	2610.11	-338.52	-4.727e+04	2.023e+04	2.426e+06
		2.426e+06	-1.432e+04	-2.33e-04	0.0	102.1	1.233e+05	1997.61	-338.52	-4.727e+04	-1.432e+04	2.567e+06
163	324	8.902e+05	2.093e+04	-0.04	-612.50	0.0	4.834e+04	2660.90	-246.68	-2.250e+04	2.093e+04	7.370e+05
		7.370e+05	-4255.39	-2.50e-04	0.0	102.1	4.834e+04	2048.40	-246.68	-2.250e+04	-4255.39	8.902e+05
163	334	1.204e+06	1.393e+04	-0.05	-612.50	0.0	3.184e+04	2082.21	-173.43	-3.132e+04	1.393e+04	1.002e+06
		1.002e+06	-2971.86	-1.78e-04	0.0	102.1	3.184e+04	1469.71	-173.43	-3.132e+04	-2971.86	1.204e+06
163	335	5.768e+05	2.793e+04	-0.02	-612.50	0.0	6.484e+04	3239.59	-319.94	-1.367e+04	2.793e+04	4.719e+05
		4.719e+05	-3228.93	-3.22e-04	0.0	102.1	6.484e+04	2627.09	-319.94	-1.367e+04	-3228.93	5.768e+05
163	344	8.336e+05	1.823e+04	-0.03	-612.50	0.0	4.907e+04	2347.64	-293.49	-2.555e+04	1.823e+04	6.962e+05
		6.962e+05	-9064.32	1.31e-04	0.0	102.1	4.907e+04	1735.14	-293.49	-2.555e+04	-9064.32	8.336e+05
163	366	1.050e+06	1.758e+04	-0.04	-612.50	0.0	4.015e+04	2379.76	-208.26	-2.656e+04	1.758e+04	8.706e+05
		8.706e+05	-3402.85	-2.30e-04	0.0	102.1	4.015e+04	1767.26	-208.26	-2.656e+04	-3402.85	1.050e+06
163	367	7.310e+05	2.427e+04	-0.03	-612.50	0.0	5.653e+04	2942.04	-285.11	-1.843e+04	2.427e+04	6.034e+05
		6.034e+05	-5107.94	-2.69e-04	0.0	102.1	5.653e+04	2329.54	-285.11	-1.843e+04	-5107.94	7.310e+05
163	371	7.313e+05	2.423e+04	-0.03	-612.50	0.0	5.634e+04	2941.31	-286.31	-1.855e+04	2.423e+04	6.030e+05
		6.030e+05	-5149.03	-2.64e-04	0.0	102.1	5.634e+04	2328.81	-286.31	-1.855e+04	-5149.03	7.313e+05
163	380	8.547e+05	2.028e+04	-0.03	-612.50	0.0	4.938e+04	2710.15	-266.63	-2.256e+04	2.028e+04	7.063e+05
		7.063e+05	-6037.33	-2.12e-04	0.0	102.1	4.938e+04	2097.65	-266.63	-2.256e+04	-6037.33	8.547e+05
164	105	4.555e+06	8031.30	-0.14	-826.87	0.0	2.186e+05	5505.10	874.12	1.198e+04	-8.120e+04	4.218e+06
		4.218e+06	-8.120e+04	8.52e-04	0.0	102.1	2.186e+05	4678.23	874.12	1.198e+04	8031.30	4.555e+06
164	184	8.159e+05	308.19	-0.03	-612.50	0.0	4.711e+04	2266.19	45.80	4975.86	-3466.89	6.895e+05
		6.895e+05	-4366.89	-5.50e-05	0.0	102.1	4.711e+04	1653.69	45.80	4975.86	308.19	8.159e+05
164	206	8.483e+05	1072.81	-0.03	-612.50	0.0	4.628e+04	2266.25	52.80	4884.10	-4317.08	7.221e+05
		7.221e+05	-4317.08	-8.30e-05	0.0	102.1	4.628e+04	1653.75	52.80	4884.10	1072.81	8.483e+05
164	255	7.758e+05	987.44	-0.03	-612.50	0.0	5.044e+04	2280.37	32.23	4472.18	-2302.49	6.493e+05
		6.493e+05	-2302.49	-4.35e-05	0.0	102.1	5.044e+04	1667.87	32.23	4472.18	987.44	7.758e+05
164	259	2.931e+06	8684.03	-0.09	-612.50	0.0	1.384e+05	2741.50	641.26	1.943e+04	-5.678e+04	2.774e+06
		2.774e+06	-5.678e+04	4.86e-04	0.0	102.1	1.384e+05	2129.00	641.26	1.943e+04	8684.03	2.931e+06
164	287	8.576e+05	444.60	-0.03	-612.50	0.0	4.778e+04	2284.68	39.81	4605.10	-3619.38	7.312e+05
		7.312e+05	-3619.38	-4.69e-05	0.0	102.1	4.778e+04	1672.18	39.81	4605.10	444.60	8.576e+05
164	310	8.716e+05	311.31	-0.04	-612.50	0.0	4.753e+04	2285.65	42.82	4352.79	-4059.64	7.452e+05
		7.452e+05	-4059.64	-4.73e-05	0.0	102.1	4.753e+04	1673.15	42.82	4352.79	311.31	8.716e+05
164	322	8.081e+05	1405.62	-0.03	-612.50	0.0	4.946e+04	2281.03	37.66	4539.73	-2438.55	6.817e+05
		6.817e+05	-2438.55	-6.23e-05	0.0	102.1	4.946e+04	1668.53	37.66	4539.73	1405.62	8.081e+05
164	323	2.424e+06	7178.06	-0.08	-612.50	0.0	1.155e+05	2626.88	494.43	1.576e+04	-4.330e+04	2.275e+06
		2.275e+06	-4.330e+04	3.55e-04	0.0	102.1	1.155e+05	2014.38	494.43	1.576e+04	7178.06	2.424e+06
164	324	8.708e+05	898.63	-0.04	-612.50	0.0	4.753e+04	2284.76	45.47	4464.65	-3743.04	7.446e+05
		7.446e+05	-3743.04	-6.40e-05	0.0	102.1	4.753e+04	1672.26	45.47	4464.65	898.63	8.708e+05
164	333	1.158e+06	1373.80	-0.05	-612.50	0.0	3.216e+04	1912.33	83.37	3121.19	-5309.39	9.983e+05
		9.983e+05	-5309.39	-1.36e-04	0.0	102.1	3.216e+04	1299.83	83.37	3121.19	1373.80	1.158e+06
164	334	1.165e+06	-1056.85	-0.05	-612.50	0.0	3.291e+04	1932.44	73.35	768.03	-7435.10	1.005e+06
		1.005e+06	-7435.10	9.84e-05	0.0	102.1	3.291e+04	1319.94	73.35	768.03	-1056.85	1.165e+06
164	335	5.768e+05	2854.11	-0.02	-612.50	0.0	6.216e+04	2637.08	17.58	8161.27	-50.99	4.841e+05
		4.841e+05	-50.99	-1.21e-04	0.0	102.1	6.216e+04	2024.58	17.58	8161.27	2854.11	5.768e+05
164	336	5.837e+05	423.46	-0.02	-612.50	0.0	6.291e+04	2657.20	7.57	5808.11	-2176.70	4.908e+05
		4.908e+05	-2176.70	2.54e-05	0.0	102.1	6.291e+04	2044.70	7.57	5808.11	423.46	5.837e+05
164	344	7.954e+05	-3367.80	-0.03	-612.50	0.0	5.327e+04	2426.83	38.78	1306.94	-8095.19	6.787e+05
		6.787e+05	-8095.19	2.15e-04	0.0	102.1	5.327e+04	1814.33	38.78	1306.94	-3367.80	7.954e+05
164	347	7.720e+05	5171.75	-0.03	-612.50	0.0	5.078e+04	2359.96	52.29	9142.60	588.57	6.563e+05
		6.563e+05	588.57	-2.72e-04	0.0	102.1	5.078e+04	1747.46	52.29	9142.60	5171.75	7.720e+05
164	364	7.226e+05	134.98	-0.03	-612.50	0.0	5.517e+04	2471.97	61.38	5638.45	-5425.41	6.132e+05
		6.132e+05	-5425.41	-6.55e-05	0.0	102.1	5.517e+04	1859.47	61.38	5638.45	134.98	7.226e+05

164	366	1.021e+06	63.01	-0.04	-612.50	0.0	3.981e+04	2104.21	60.29	3008.72	-5347.00	8.778e+05
		8.778e+05	-5347.00	-6.49e-05	0.0	102.1	3.981e+04	1491.71	60.29	3008.72	63.01	1.021e+06
164	367	7.204e+05	1734.25	-0.03	-612.50	0.0	5.526e+04	2465.32	30.65	5920.58	-2139.08	6.113e+05
		6.113e+05	-2139.08	-6.32e-05	0.0	102.1	5.526e+04	1852.82	30.65	5920.58	1734.25	7.204e+05
164	370	1.021e+06	124.65	-0.04	-612.50	0.0	3.996e+04	2102.49	61.15	3067.61	-5391.78	8.776e+05
		8.776e+05	-5391.78	-7.38e-05	0.0	102.1	3.996e+04	1489.99	61.15	3067.61	124.65	1.021e+06
164	379	8.227e+05	2544.81	-0.03	-612.50	0.0	5.018e+04	2325.83	46.91	5442.14	-2465.47	7.017e+05
		7.017e+05	-2465.47	-7.66e-05	0.0	102.1	5.018e+04	1713.33	46.91	5442.14	2544.81	8.227e+05
165	105	4.108e+06	6.929e+04	-0.13	-826.87	0.0	1.985e+05	4053.24	-1056.49	-8.307e+04	6.929e+04	3.884e+06
		3.884e+06	-3.856e+04	1.54e-03	0.0	102.1	1.985e+05	3226.37	-1056.49	-8.307e+04	-3.856e+04	4.108e+06
165	146	8.136e+05	3413.22	-0.03	-612.50	0.0	4.713e+04	2263.53	-53.79	-5312.92	3413.22	6.877e+05
		6.877e+05	-2077.82	1.05e-04	0.0	102.1	4.713e+04	1651.03	-53.79	-5312.92	-2077.82	8.136e+05
165	206	8.483e+05	4317.07	-0.03	-612.50	0.0	4.628e+04	2266.25	-52.80	-4884.10	4317.07	7.221e+05
		7.221e+05	-1072.81	8.30e-05	0.0	102.1	4.628e+04	1653.75	-52.80	-4884.10	-1072.81	8.483e+05
165	255	7.812e+05	4890.66	-0.03	-612.50	0.0	4.998e+04	2281.65	-55.90	-4795.35	4890.66	6.559e+05
		6.559e+05	-815.58	6.25e-05	0.0	102.1	4.998e+04	1669.15	-55.90	-4795.35	-815.58	7.812e+05
165	259	2.720e+06	4.417e+04	-0.08	-612.50	0.0	1.291e+05	2340.04	-664.84	-4.211e+04	4.417e+04	2.596e+06
		2.596e+06	-2.370e+04	7.68e-04	0.0	102.1	1.291e+05	1727.54	-664.84	-4.211e+04	-2.370e+04	2.720e+06
165	268	8.561e+05	2986.19	-0.03	-612.50	0.0	4.779e+04	2282.91	-45.11	-4828.80	2986.19	7.300e+05
		7.300e+05	-1619.24	8.03e-05	0.0	102.1	4.779e+04	1670.41	-45.11	-4828.80	-1619.24	8.561e+05
165	309	8.708e+05	3743.04	-0.04	-612.50	0.0	4.753e+04	2284.76	-45.47	-4464.65	3743.04	7.446e+05
		7.446e+05	-898.63	6.40e-05	0.0	102.1	4.753e+04	1672.26	-45.47	-4464.65	-898.63	8.708e+05
165	322	8.133e+05	4854.57	-0.03	-612.50	0.0	4.910e+04	2283.32	-51.43	-4614.33	4854.57	6.876e+05
		6.876e+05	-395.75	5.14e-05	0.0	102.1	4.910e+04	1670.82	-51.43	-4614.33	-395.75	8.133e+05
165	323	2.267e+06	3.431e+04	-0.07	-612.50	0.0	1.084e+05	2327.11	-508.14	-3.260e+04	3.431e+04	2.142e+06
		2.142e+06	-1.756e+04	5.81e-04	0.0	102.1	1.084e+05	1714.61	-508.14	-3.260e+04	-1.756e+04	2.267e+06
165	324	8.708e+05	3743.04	-0.04	-612.50	0.0	4.753e+04	2284.76	-45.47	-4464.65	3743.04	7.446e+05
		7.446e+05	-898.63	6.40e-05	0.0	102.1	4.753e+04	1672.26	-45.47	-4464.65	-898.63	8.708e+05
165	325	1.165e+06	7554.61	-0.05	-612.50	0.0	3.287e+04	1934.19	-73.39	-685.11	7554.61	1.004e+06
		1.004e+06	989.52	-9.82e-05	0.0	102.1	3.287e+04	1321.69	-73.39	-685.11	989.52	1.165e+06
165	326	1.158e+06	5189.86	-0.05	-612.50	0.0	3.220e+04	1910.59	-83.33	-3204.11	5189.86	9.989e+05
		9.989e+05	-1306.47	1.34e-04	0.0	102.1	3.220e+04	1298.09	-83.33	-3204.11	-1306.47	1.158e+06
165	327	5.839e+05	2296.21	-0.02	-612.50	0.0	6.286e+04	2658.94	-7.60	-5725.19	2296.21	4.903e+05
		4.903e+05	-490.79	-2.52e-05	0.0	102.1	6.286e+04	2046.44	-7.60	-5725.19	-490.79	5.839e+05
165	328	5.766e+05	-68.53	-0.02	-612.50	0.0	6.220e+04	2635.34	-17.55	-8244.19	-68.53	4.847e+05
		4.847e+05	-2786.79	1.19e-04	0.0	102.1	6.220e+04	2022.84	-17.55	-8244.19	-2786.79	5.766e+05
165	344	7.714e+05	-986.96	-0.03	-612.50	0.0	5.093e+04	2354.15	-52.18	-9419.00	-986.96	6.581e+05
		6.581e+05	-4947.34	2.66e-04	0.0	102.1	5.093e+04	1741.65	-52.18	-9419.00	-4947.34	7.714e+05
165	347	7.960e+05	8493.57	-0.03	-612.50	0.0	5.312e+04	2432.64	-38.89	-1030.54	8493.57	6.769e+05
		6.769e+05	3143.39	-2.13e-04	0.0	102.1	5.312e+04	1820.14	-38.89	-1030.54	3143.39	7.960e+05
165	357	1.021e+06	5347.00	-0.04	-612.50	0.0	3.981e+04	2104.21	-60.29	-3008.72	5347.00	8.778e+05
		8.778e+05	-63.01	6.49e-05	0.0	102.1	3.981e+04	1491.71	-60.29	-3008.72	-63.01	1.021e+06
165	360	7.204e+05	2139.08	-0.03	-612.50	0.0	5.526e+04	2465.32	-30.65	-5920.58	2139.08	6.113e+05
		6.113e+05	-1734.25	6.32e-05	0.0	102.1	5.526e+04	1852.82	-30.65	-5920.58	-1734.25	7.204e+05
165	361	1.021e+06	5391.78	-0.04	-612.50	0.0	3.996e+04	2102.49	-61.15	-3067.61	5391.78	8.776e+05
		8.776e+05	-124.66	7.38e-05	0.0	102.1	3.996e+04	1489.99	-61.15	-3067.61	-124.66	1.021e+06
165	371	7.226e+05	5425.41	-0.03	-612.50	0.0	5.517e+04	2471.97	-61.38	-5638.46	5425.41	6.132e+05
		6.132e+05	-134.98	6.55e-05	0.0	102.1	5.517e+04	1859.47	-61.38	-5638.46	-134.98	7.226e+05
165	376	8.227e+05	2465.46	-0.03	-612.50	0.0	5.018e+04	2325.83	-46.91	-5442.14	2465.46	7.017e+05
		7.017e+05	-2544.81	7.66e-05	0.0	102.1	5.018e+04	1713.33	-46.91	-5442.14	-2544.81	8.227e+05
166	105	3.753e+06	1663.05	-0.12	-826.87	0.0	1.795e+05	4591.00	882.65	3.832e+04	-8.844e+04	3.492e+06
		3.492e+06	-8.844e+04	1.59e-03	0.0	102.1	1.795e+05	3764.12	882.65	3.832e+04	1663.05	3.753e+06
166	146	8.211e+05	2440.19	-0.03	-612.50	0.0	4.768e+04	2541.99	194.23	1.820e+04	-1.739e+04	6.771e+05
		6.771e+05	-1.739e+04	2.50e-04	0.0	102.1	4.768e+04	1929.49	194.23	1.820e+04	2440.19	8.211e+05
166	181	1.184e+06	6109.36	-0.05	-826.87	0.0	6.664e+04	3633.95	553.22	3.580e+04	-3.731e+04	9.745e+05
		9.745e+05	-3.731e+04	3.49e-04	-255.72	102.1	6.664e+04	2807.07	297.50	3.580e+04	6109.36	1.184e+06
166	206	8.611e+05	3387.61	-0.03	-612.50	0.0	4.681e+04	2538.66	187.96	1.874e+04	-1.580e+04	7.168e+05
		7.168e+05	-1.580e+04	2.16e-04	0.0	102.1	4.681e+04	1926.16	187.96	1.874e+04	3387.61	8.611e+05
166	243	8.000e+05	3689.95	-0.03	-612.50	0.0	5.072e+04	2662.64	257.57	2.193e+04	-2.260e+04	6.468e+05
		6.468e+05	-2.260e+04	2.76e-04	0.0	102.1	5.072e+04	2050.14	257.57	2.193e+04	3689.95	8.000e+05
166	259	2.561e+06	3740.29	-0.08	-612.50	0.0	1.210e+05	2845.11	574.06	3.609e+04	-5.486e+04	2.403e+06
		2.403e+06	-5.486e+04	8.61e-04	0.0	102.1	1.210e+05	2232.61	574.06	3.609e+04	3740.29	2.561e+06
166	268	8.713e+05	3566.64	-0.04	-612.50	0.0	4.862e+04	2663.35	251.11	2.211e+04	-2.207e+04	7.182e+05
		7.182e+05	-2.207e+04	2.77e-04	0.0	102.1	4.862e+04	2050.85	251.11	2.211e+04	3566.64	8.713e+05
166	302	8.342e+05	4431.28	-0.03	-612.50	0.0	5.015e+04	2676.33	392.69	2.553e+04	-2.695e+04	6.801e+05
		6.801e+05	-2.695e+04	2.51e-04	-170.48	102.1	5.015e+04	2063.83	222.21	2.553e+04	4431.28	8.342e+05
166	309	8.902e+05	4255.39	-0.04	-612.50	0.0	4.834e+04	2660.90	246.68	2.250e+04	-2.093e+04	7.370e+05
		7.370e+05	-2.093e+04	2.50e-04	0.0	102.1	4.834e+04	2048.40	246.68	2.250e+04	4255.39	8.902e+05
166	319	8.337e+05	4243.29	-0.03	-612.50	0.0	4.980e+04	2660.76	254.16	2.221e+04	-2.170e+04	6.803e+05
		6.803e+05	-2.170e+04	2.56e-04	0.0	102.1	4.980e+04	2048.26	254.16	2.221e+04	4243.29	8.337e+05
166	322	8.361e+05	4712.94	-0.03	-612.50	0.0	4.934e+04	2667.37	245.28	2.193e+04	-2.033e+04	6.839e+05
		6.839e+05	-2.033e+04	2.22e-04	0.0	102.1	4.934e+04	2054.87	245.28	2.193e+04	4712.94	8.361e+05
166	323	2.154e+06	4281.04	-0.07	-612.50	0.0	1.025e+05	2797.61	491.53	3.283e+04	-4.590e+04	1.997e+06
		1.997e+06	-4.590e+04	6.93e-04	0.0	102.1	1.025e+05	2185.11	491.53	3.283e+04	4281.04	2.154e+06
166	324	8.902e+05	4255.39	-0.04	-612.50	0.0	4.834e+04	2660.90	246.68	2.250e+04	-2.093e+04	7.370e+05
		7.370e+05	-2.093e+04	2.50e-04	0.0	102.1	4.834e+04	2048.40	246.68	2.250e+04	4255.39	8.902e+05
166	325	1.204e+06	2882.41	-0.05	-612.50	0.0	3.187e+04	2082.18	174.20	3.142e+04	-1.374e+04	1.002e+06

		1.002e+06-1.374e+04	1.78e-04	0.0	102.1	3.187e+04	1469.68	174.20	3.142e+04	2882.41	1.204e+06	
166	328	5.768e+05	5628.38	-0.02	-612.50	0.0	6.481e+04	3239.63	319.17	1.358e+04	-2.811e+04	4.722e+05
		4.722e+05-2.811e+04	3.22e-04	0.0	102.1	6.481e+04	2627.13	319.17	1.358e+04	5628.38	5.768e+05	
166	347	8.337e+05	8766.16	-0.03	-612.50	0.0	4.916e+04	2347.54	296.05	2.585e+04	-1.761e+04	6.950e+05
		6.950e+05-1.761e+04	-1.19e-04	0.0	102.1	4.916e+04	1735.04	296.05	2.585e+04	8766.16	8.337e+05	
166	357	1.050e+06	3402.85	-0.04	-612.50	0.0	4.015e+04	2379.76	208.26	2.656e+04	-1.758e+04	8.706e+05
		8.706e+05-1.758e+04	2.30e-04	0.0	102.1	4.015e+04	1767.26	208.26	2.656e+04	3402.85	1.050e+06	
166	360	7.310e+05	5107.94	-0.03	-612.50	0.0	5.653e+04	2942.04	285.11	1.843e+04	-2.427e+04	6.034e+05
		6.034e+05-2.427e+04	2.69e-04	0.0	102.1	5.653e+04	2329.54	285.11	1.843e+04	5107.94	7.310e+05	
166	364	7.313e+05	5149.03	-0.03	-612.50	0.0	5.634e+04	2941.31	286.31	1.855e+04	-2.423e+04	6.030e+05
		6.030e+05-2.423e+04	2.64e-04	0.0	102.1	5.634e+04	2328.81	286.31	1.855e+04	5149.03	7.313e+05	
166	375	8.547e+05	6037.33	-0.03	-612.50	0.0	4.938e+04	2710.15	266.63	2.256e+04	-2.028e+04	7.063e+05
		7.063e+05-2.028e+04	2.12e-04	0.0	102.1	4.938e+04	2097.65	266.63	2.256e+04	6037.33	8.547e+05	
167	105	1.139e+06	1.411e+05	-0.41	-745.88	0.0	4.782e+04	3.954e+04	-1754.98	-1.672e+05	1.411e+05	-1.783e+06
		-1.783e+06-2.047e+04	1.60e-03	0.0	92.1	4.782e+04	3.879e+04	-1754.98	-1.672e+05	-2.047e+04	1.139e+06	
167	127	6.428e+05	1.011e+05	-0.35	-745.87	0.0	4.289e+04	2.908e+04	-1389.88	-1.402e+05	1.011e+05	-1.402e+06
		-1.402e+06-2.050e+04	1.93e-03	138.40	92.1	4.289e+04	2.833e+04	-1251.48	-1.402e+05	-2.050e+04	6.230e+05	
167	206	1.425e+05	140.57	-0.07	-552.50	0.0	1.367e+04	8362.23	-96.35	-1.696e+04	140.57	-5.239e+05
		-5.239e+05-8731.64	4.15e-04	0.0	92.1	1.367e+04	7809.73	-96.35	-1.696e+04	-8731.64	1.425e+05	
167	255	1.535e+04	1.197e+04	-0.06	-552.50	0.0	2.006e+04	8918.92	63.91	-1.571e+04	-1.197e+04	1.213e+06
		-1.213e+06-7.856e+05	7.44e-04	0.0	92.1	2.006e+04	8366.42	63.91	-1.571e+04	-1.197e+04	1.356e+04	
167	259	7.610e+05	7.879e+04	-0.26	-552.50	0.0	2.698e+04	2.424e+04	-989.78	-8.852e+04	7.879e+04	-9.881e+05
		-9.881e+05-1.235e+04	6.97e-04	0.0	92.1	2.698e+04	2.369e+04	-989.78	-8.852e+04	-1.235e+04	7.610e+05	
167	270	4.628e+05	7.409e+04	-0.26	-552.50	0.0	3.162e+04	2.150e+04	-1013.63	-1.031e+05	7.409e+04	-1.213e+06
		-1.213e+06-1.500e+04	1.40e-03	92.27	92.1	3.162e+04	2.095e+04	-921.36	-1.031e+05	-1.500e+04	4.628e+05	
167	287	1.328e+05	3377.73	-0.07	-552.50	0.0	1.477e+04	8673.08	-146.16	-2.082e+04	3377.73	-5.692e+05
		-5.692e+05-1.008e+04	5.97e-04	0.0	92.1	1.477e+04	8120.58	-146.16	-2.082e+04	-1.008e+04	1.328e+05	
167	309	1.490e+05	5708.62	-0.08	-552.50	0.0	1.412e+04	8677.86	-165.46	-2.177e+04	5708.62	-5.424e+05
		-5.424e+05-9527.10	4.24e-04	0.0	92.1	1.412e+04	8125.36	-165.46	-2.177e+04	-9527.10	1.490e+05	
167	311	3.681e+05	4.680e+04	-0.20	-552.50	0.0	2.371e+04	1.650e+04	-639.08	-6.903e+04	4.680e+04	-9.048e+05
		-9.048e+05-1.205e+04	7.82e-04	0.0	92.1	2.371e+04	1.595e+04	-639.08	-6.903e+04	-1.205e+04	3.681e+05	
167	323	6.209e+05	6.189e+04	-0.21	-552.50	0.0	2.320e+04	2.033e+04	-794.38	-7.214e+04	6.189e+04	-8.531e+05
		-8.531e+05-1.126e+04	4.60e-04	0.0	92.1	2.320e+04	1.978e+04	-794.38	-7.214e+04	-1.126e+04	6.209e+05	
167	324	1.490e+05	5708.62	-0.08	-552.50	0.0	1.412e+04	8677.86	-165.46	-2.177e+04	5708.62	-5.424e+05
		-5.424e+05-9527.10	4.24e-04	0.0	92.1	1.412e+04	8125.36	-165.46	-2.177e+04	-9527.10	1.490e+05	
167	325	2.818e+05	1.840e+04	-0.10	-552.50	0.0	9075.41	9811.22	-285.46	-2.824e+04	1.840e+04	-3.919e+05
		-3.919e+05-4665.05	-2.88e-04	0.0	92.1	9075.41	9258.72	-285.46	-2.824e+04	-4665.05	2.818e+05	
167	328	1.610e+04	-6981.67	-0.05	-552.50	0.0	1.917e+04	7544.50	-45.45	-1.530e+04	-6981.67	-6.929e+05
		-6.929e+05-1.439e+04	1.13e-03	0.0	92.1	1.917e+04	6992.00	-45.45	-1.530e+04	-1.439e+04	1.610e+04	
167	333	2.818e+05	1.838e+04	-0.10	-552.50	0.0	9019.78	9823.24	-287.14	-2.848e+04	1.838e+04	-3.904e+05
		-3.904e+05-4715.05	-3.19e-04	0.0	92.1	9019.78	9270.74	-287.14	-2.848e+04	-4715.05	2.818e+05	
167	336	1.613e+04	-6966.47	-0.05	-552.50	0.0	1.923e+04	7532.48	-43.78	-1.506e+04	-6966.47	-6.945e+05
		-6.945e+05-1.434e+04	1.17e-03	0.0	92.1	1.923e+04	6979.98	-43.78	-1.506e+04	-1.434e+04	1.613e+04	
167	357	2.143e+05	1.056e+04	-0.09	-552.50	0.0	1.172e+04	9335.74	-205.73	-2.411e+04	1.056e+04	-4.714e+05
		-4.714e+05-7213.53	-3.89e-05	0.0	92.1	1.172e+04	8783.24	-205.73	-2.411e+04	-7213.53	2.143e+05	
167	362	2.047e+05	1.139e+04	-0.09	-552.50	0.0	1.194e+04	9272.78	-217.44	-2.455e+04	1.139e+04	-4.793e+05
		-4.793e+05-7506.68	2.39e-04	0.0	92.1	1.194e+04	8720.28	-217.44	-2.455e+04	-7506.68	2.047e+05	
167	364	8.482e+04	958.43	-0.06	-552.50	0.0	1.644e+04	8033.89	-126.51	-1.943e+04	958.43	-6.110e+05
		-6.110e+05-1.185e+04	8.61e-04	0.0	92.1	1.644e+04	7481.39	-126.51	-1.943e+04	-1.185e+04	8.482e+04	
167	365	2.143e+05	1.056e+04	-0.09	-552.50	0.0	1.169e+04	9341.68	-206.59	-2.423e+04	1.056e+04	-4.706e+05
		-4.706e+05-7238.48	-4.27e-05	0.0	92.1	1.169e+04	8789.18	-206.59	-2.423e+04	-7238.48	2.143e+05	
167	368	8.366e+04	859.76	-0.06	-552.50	0.0	1.655e+04	8014.04	-124.32	-1.930e+04	859.76	-6.142e+05
		-6.142e+05-1.182e+04	8.35e-04	0.0	92.1	1.655e+04	7461.54	-124.32	-1.930e+04	-1.182e+04	8.366e+04	
168	105	1.067e+06	1.826e+05	-0.38	-745.88	0.0	4.477e+04	3.532e+04	-1825.58	-9.948e+04	1.826e+05	-1.591e+06
		-1.591e+06-1.447e+04	-1.57e-03	0.0	92.1	4.477e+04	3.458e+04	-1825.58	-9.948e+04	-1.447e+04	1.067e+06	
168	127	5.907e+05	1.870e+05	-0.33	-745.87	0.0	4.024e+04	2.600e+04	-1834.14	-9.270e+04	1.870e+05	-1.484e+06
		-1.484e+06-1.811e+04	-1.75e-03	0.0	92.1	4.024e+04	2.525e+04	-1834.14	-9.270e+04	-1.811e+04	5.907e+05	
168	206	1.350e+05	2.594e+04	-0.07	-552.50	0.0	1.375e+04	7950.85	-233.44	-4.386e+04	2.594e+04	-5.141e+05
		-5.141e+05-4443.50	-3.26e-04	0.0	92.1	1.375e+04	7398.35	-233.44	-4.386e+04	-4443.50	1.350e+05	
168	259	7.068e+05	8.303e+04	-0.24	-552.50	0.0	2.599e+04	2.190e+04	-839.02	-4.298e+04	8.303e+04	-9.038e+05
		-9.038e+05-5766.94	-6.65e-04	0.0	92.1	2.599e+04	2.134e+04	-839.02	-4.298e+04	-5766.94	7.068e+05	
168	270	4.390e+05	1.376e+05	-0.24	-552.50	0.0	2.969e+04	1.923e+04	-1349.05	-6.857e+04	1.376e+05	-1.095e+06
		-1.095e+06-1.333e+04	-1.30e-03	0.0	92.1	2.969e+04	1.868e+04	-1349.05	-6.857e+04	-1.333e+04	4.390e+05	
168	287	1.232e+05	3.149e+04	-0.07	-552.50	0.0	1.469e+04	8137.29	-290.00	-4.462e+04	3.149e+04	-5.519e+05
		-5.519e+05-4789.15	-3.41e-04	0.0	92.1	1.469e+04	7584.79	-290.00	-4.462e+04	-4789.15	1.232e+05	
168	309	1.366e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8123.20	-253.71	-4.385e+04	2.793e+04	-5.282e+05
		-5.282e+05-4571.15	-3.49e-04	0.0	92.1	1.413e+04	7570.70	-253.71	-4.385e+04	-4571.15	1.366e+05	
168	311	3.439e+05	8.734e+04	-0.19	-552.50	0.0	2.288e+04	1.495e+04	-850.89	-3.986e+04	8.734e+04	-8.393e+05
		-8.393e+05-8982.30	-8.89e-04	0.0	92.1	2.288e+04	1.440e+04	-850.89	-3.986e+04	-8982.30	3.439e+05	
168	323	5.743e+05	6.528e+04	-0.20	-552.50	0.0	2.258e+04	1.843e+04	-653.12	-3.168e+04	6.528e+04	-7.909e+05
		-7.909e+05-5137.36	-5.84e-04	0.0	92.1	2.258e+04	1.788e+04	-653.12	-3.168e+04	-5137.36	5.743e+05	
168	324	1.366e+05	2.793e+04	-0.07	-552.50	0.0	1.413e+04	8123.20	-253.71	-4.385e+04	2.793e+04	-5.282e+05
		-5.282e+05-4571.15	-3.49e-04	0.0	92.1	1.413e+04	7570.70	-253.71	-4.385e+04	-4571.15	1.366e+05	
168	333	2.496e+05	1.260e+04	-0.10	-552.50	0.0	9543.03	7050.21	-97.26	-266.07	1.260e+04	-3.972e+05
		-3.972e+05-2362.56	-1.68e-04	0.0	92.1	9543.03	6497.71	-97.26	-266.07	-2362.56	2.496e+05	
168	336	2.369e+04	4.327e+04	-0.05	-552.50	0.0	1.872e+04	9196.20	-410.16	7236.55	4.327e+04	-6.592e+05
		-6.592e+05-6779.74	-5.32e-04	0.0	92.1	1.872e+04	8643.70	-410.16	7236.55	6779.74	2.369e+04	

168	345	1.840e+05	9426.39	-0.08	-552.50	0.0	1.230e+04	7829.19	-47.08	-2078.69	9426.39	-4.749e+05
		-4.749e+05	835.10	-1.77e-04	0.0	92.1	1.230e+04	7276.69	-47.08	-2078.69	835.10	1.840e+05
168	348	8.927e+04	4.644e+04	-0.07	-552.50	0.0	1.597e+04	8417.22	-460.35	9049.17	4.644e+04	-5.815e+05
		-5.815e+05	8307.21	-5.34e-04	0.0	92.1	1.597e+04	7864.72	-460.35	9049.17	8307.21	8.927e+04
168	366	1.926e+05	2.436e+04	-0.09	-552.50	0.0	1.186e+04	7566.35	-221.46	2497.91	2.436e+04	-4.638e+05
		-4.638e+05	3803.32	-2.69e-04	0.0	92.1	1.186e+04	7013.85	-221.46	2497.91	3803.32	1.926e+05
168	367	8.075e+04	3.150e+04	-0.06	-552.50	0.0	1.641e+04	8680.06	-285.97	4472.57	3.150e+04	-5.926e+05
		-5.926e+05	5338.99	-4.34e-04	0.0	92.1	1.641e+04	8127.56	-285.97	4472.57	5338.99	8.075e+04
168	380	1.225e+05	3.562e+04	-0.07	-552.50	0.0	1.465e+04	8275.19	-335.27	4389.25	3.562e+04	-5.436e+05
		-5.436e+05	4189.68	-3.39e-04	0.0	92.1	1.465e+04	7722.69	-335.27	4389.25	4189.68	1.225e+05
169	105	9.600e+05	1.207e+05	-0.34	-745.87	0.0	3.978e+04	3.131e+04	-1310.66	-1.465e+05	1.207e+05	-1.379e+06
		-1.379e+06	21.93	1.83e-03	0.0	92.1	3.978e+04	3.056e+04	-1310.66	-1.465e+05	21.93	9.600e+05
169	106	9.103e+05	1.328e+05	-0.32	-552.50	0.0	3.440e+04	2.826e+04	-1422.78	-1.464e+05	1.328e+05	-1.178e+06
		-1.178e+06	1768.64	1.81e-03	0.0	92.1	3.440e+04	2.771e+04	-1422.78	-1.464e+05	1768.64	9.103e+05
169	111	2.105e+05	-7789.10	-0.12	-745.87	0.0	2.426e+04	1.347e+04	387.39	-7071.80	-4.346e+04	-9.097e+05
		-9.097e+05	-4.346e+04	6.60e-04	0.0	92.1	2.426e+04	1.272e+04	387.39	-7071.80	-7789.10	-1.379e+06
169	206	1.350e+05	-4443.51	-0.07	-552.50	0.0	1.375e+04	7950.85	233.44	-4386.69	-2.594e+04	-5.141e+05
		-5.141e+05	-2.594e+04	3.26e-04	0.0	92.1	1.375e+04	7398.35	233.44	-4386.69	-4443.51	1.350e+05
169	255	4.417e+04	-4485.87	-0.06	-552.50	0.0	1.806e+04	8280.69	414.99	-581.50	-4.270e+04	-6.916e+05
		-6.916e+05	-4.270e+04	3.59e-04	0.0	92.1	1.806e+04	7728.19	414.99	-581.50	-4485.87	4.417e+04
169	259	6.629e+05	5.323e+04	-0.23	-552.50	0.0	2.420e+04	2.036e+04	-582.53	-6.772e+04	5.323e+04	-8.301e+05
		-8.301e+05	-407.78	1.16e-03	0.0	92.1	2.420e+04	1.981e+04	-582.53	-6.772e+04	-407.78	6.629e+05
169	268	1.238e+05	-4379.30	-0.07	-552.50	0.0	1.464e+04	8132.04	229.10	-3964.39	-2.548e+04	-5.490e+05
		-5.490e+05	-2.548e+04	4.21e-04	0.0	92.1	1.464e+04	7579.54	229.10	-3964.39	-4379.30	1.238e+05
169	289	3.977e+05	4.433e+04	-0.22	-552.50	0.0	2.665e+04	1.716e+04	-513.70	-8.302e+04	4.433e+04	-9.616e+05
		-9.616e+05	-2975.05	7.96e-04	0.0	92.1	2.665e+04	1.661e+04	-513.70	-8.302e+04	-2975.05	3.977e+05
169	310	1.369e+05	-4366.23	-0.07	-552.50	0.0	1.411e+04	8120.58	223.26	-3236.27	-2.492e+04	-5.268e+05
		-5.268e+05	-2.492e+04	3.92e-04	0.0	92.1	1.411e+04	7568.08	223.26	-3236.27	-4366.23	1.369e+05
169	311	3.249e+05	1.387e+04	-0.18	-552.50	0.0	2.130e+04	1.390e+04	-187.41	-4.915e+04	1.387e+04	-7.706e+05
		-7.706e+05	-3388.24	4.67e-04	0.0	92.1	2.130e+04	1.335e+04	-187.41	-4.915e+04	-3388.24	3.249e+05
169	322	7.694e+04	-4483.95	-0.07	-552.50	0.0	1.667e+04	8223.87	380.78	-1365.47	-3.955e+04	-6.339e+05
		-6.339e+05	-3.955e+04	3.19e-04	0.0	92.1	1.667e+04	7671.37	380.78	-1365.47	-4483.95	7.694e+04
169	323	5.410e+05	3.240e+04	-0.19	-552.50	0.0	2.128e+04	1.729e+04	-367.36	-5.172e+04	3.240e+04	-7.378e+05
		-7.378e+05	-1425.38	7.76e-04	0.0	92.1	2.128e+04	1.673e+04	-367.36	-5.172e+04	-1425.38	5.410e+05
169	324	1.366e+05	-4571.16	-0.07	-552.50	0.0	1.413e+04	8123.20	253.71	-3485.25	-2.793e+04	-5.282e+05
		-5.282e+05	-2.793e+04	3.49e-04	0.0	92.1	1.413e+04	7570.70	253.71	-3485.25	-4571.16	1.366e+05
169	326	2.493e+05	-2369.53	-0.10	-552.50	0.0	9554.83	7049.54	97.29	259.90	-1.260e+04	-3.977e+05
		-3.977e+05	-1.260e+04	1.68e-04	0.0	92.1	9554.83	6497.04	97.29	259.90	-2369.53	2.493e+05
169	327	2.396e+04	-6772.79	-0.05	-552.50	0.0	1.871e+04	9196.86	410.14	-7230.40	-4.327e+04	-6.587e+05
		-6.587e+05	-4.327e+04	5.31e-04	0.0	92.1	1.871e+04	8644.36	410.14	-7230.40	-6772.79	2.396e+04
169	342	1.831e+05	-858.30	-0.08	-552.50	0.0	1.234e+04	7826.96	47.16	2058.14	-9435.78	-4.766e+05
		-4.766e+05	-9435.78	1.78e-04	0.0	92.1	1.234e+04	7274.46	47.16	2058.14	-858.30	1.831e+05
169	343	9.020e+04	-8284.01	-0.07	-552.50	0.0	1.593e+04	8419.44	460.26	-9028.64	-4.643e+04	-5.799e+05
		-5.799e+05	-4.643e+04	5.33e-04	0.0	92.1	1.593e+04	7866.94	460.26	-9028.64	-8284.01	9.020e+04
169	357	1.926e+05	-3803.32	-0.09	-552.50	0.0	1.186e+04	7566.35	221.45	-2497.93	-2.436e+04	-4.638e+05
		-4.638e+05	-2.436e+04	2.69e-04	0.0	92.1	1.186e+04	7013.85	221.45	-2497.93	-3803.32	1.926e+05
169	360	8.075e+04	-5339.00	-0.06	-552.50	0.0	1.641e+04	8680.06	285.97	-4472.58	-3.150e+04	-5.926e+05
		-5.926e+05	-3.150e+04	4.34e-04	0.0	92.1	1.641e+04	8127.56	285.97	-4472.58	-5339.00	8.075e+04
169	375	1.225e+05	-4189.69	-0.07	-552.50	0.0	1.465e+04	8275.19	335.27	-4389.27	-3.562e+04	-5.436e+05
		-5.436e+05	-3.562e+04	3.39e-04	0.0	92.1	1.465e+04	7722.68	335.27	-4389.27	-4189.69	1.225e+05
170	105	9.366e+05	9.751e+04	-0.32	-745.87	0.0	3.503e+04	2.965e+04	-796.22	-6.156e+04	9.751e+04	-1.229e+06
		-1.229e+06	2.419e+04	1.70e-03	0.0	92.1	3.503e+04	2.890e+04	-796.22	-6.156e+04	2.419e+04	9.366e+05
170	128	4.918e+05	1.073e+05	-0.25	-552.50	0.0	2.679e+04	1.896e+04	-945.73	-6.944e+04	1.073e+05	-9.635e+05
		-9.635e+05	2.026e+04	-9.80e-04	0.0	92.1	2.679e+04	1.841e+04	-945.73	-6.944e+04	2.026e+04	4.918e+05
170	161	1.860e+05	1.402e+04	-0.10	-745.87	0.0	1.992e+04	1.187e+04	419.95	3.591e+04	-1.403e+04	-7.684e+05
		-7.684e+05	-1.403e+04	-5.41e-04	-230.67	92.1	1.992e+04	1.112e+04	189.28	3.591e+04	1.402e+04	1.860e+05
170	206	1.425e+05	8731.58	-0.07	-552.50	0.0	1.367e+04	8362.23	96.35	1.696e+04	-140.83	-5.239e+05
		-5.239e+05	-140.83	-4.15e-04	0.0	92.1	1.367e+04	7809.73	96.35	1.696e+04	8731.58	1.425e+05
170	259	6.561e+05	3.245e+04	-0.22	-552.50	0.0	2.231e+04	2.002e+04	-200.48	-1.443e+04	3.245e+04	-7.826e+05
		-7.826e+05	1.399e+04	1.17e-03	0.0	92.1	2.231e+04	1.946e+04	-200.48	-1.443e+04	1.399e+04	6.561e+05
170	267	1.407e+05	9579.24	-0.07	-552.50	0.0	1.439e+04	8678.12	136.76	2.121e+04	-3014.27	-5.533e+05
		-5.533e+05	-3014.27	-2.37e-04	0.0	92.1	1.439e+04	8125.62	136.76	2.121e+04	9579.24	1.407e+05
170	270	4.088e+05	7.361e+04	-0.20	-552.50	0.0	2.381e+04	1.653e+04	-603.33	-4.217e+04	7.361e+04	-8.665e+05
		-8.665e+05	1.805e+04	-7.43e-04	0.0	92.1	2.381e+04	1.598e+04	-603.33	-4.217e+04	1.805e+04	4.088e+05
170	287	1.383e+05	1.022e+04	-0.07	-552.50	0.0	1.465e+04	8746.31	289.71	2.564e+04	-9379.91	-5.646e+05
		-5.646e+05	-9379.91	-4.03e-04	-153.78	92.1	1.465e+04	8193.81	135.93	2.564e+04	1.022e+04	1.383e+05
170	289	4.078e+05	6.971e+04	-0.21	-552.50	0.0	2.395e+04	1.657e+04	-511.33	-3.937e+04	6.971e+04	-8.729e+05
		-8.729e+05	1.838e+04	-7.65e-04	-92.27	92.1	2.395e+04	1.602e+04	-603.59	-3.937e+04	1.838e+04	4.078e+05
170	309	1.490e+05	9527.04	-0.08	-552.50	0.0	1.412e+04	8677.86	165.46	2.177e+04	-5708.88	-5.424e+05
		-5.424e+05	-5708.88	-4.24e-04	0.0	92.1	1.412e+04	8125.36	165.46	2.177e+04	9527.04	1.490e+05
170	310	1.525e+05	9318.94	-0.08	-552.50	0.0	1.394e+04	8675.40	160.56	2.184e+04	-5466.27	-5.348e+05
		-5.348e+05	-5466.27	-2.57e-04	0.0	92.1	1.394e+04	8122.90	160.56	2.184e+04	9318.94	1.525e+05
170	311	3.376e+05	3.777e+04	-0.17	-552.50	0.0	1.990e+04	1.390e+04	-252.86	-1.466e+04	3.777e+04	-7.322e+05
		-7.322e+05	1.449e+04	-4.97e-04	0.0	92.1	1.990e+04	1.334e+04	-252.86	-1.466e+04	1.449e+04	3.376e+05
170	323	5.369e+05	2.117e+04	-0.18	-552.50	0.0	1.997e+04	1.717e+04	-90.97	-5183.26	2.117e+04	-7.104e+05
		-7.104e+05	1.280e+04	6.87e-04	0.0	92.1	1.997e+04	1.662e+04	-90.97	-5183.26	1.280e+04	5.369e+05
170	324	1.490e+05	9527.04	-0.08	-552.50	0.0	1.412e+04	8677.86	165.46	2.177e+04	-5708.88	-5.424e+05

		-5.424e+05	-5708.88	-4.24e-04	0.0	92.1	1.412e+04	8125.36	165.46	2.177e+04	9527.04	1.490e+05
170	326	2.821e+05	4703.02	-0.10	-552.50	0.0	9034.16	9815.94	285.61	2.842e+04	-1.824e+04	-3.908e+05
		-3.908e+05	-1.824e+04	3.18e-04	0.0	92.1	9034.16	9263.44	285.61	2.842e+04	4703.02	2.821e+05
170	327	1.582e+04	1.435e+04	-0.05	-552.50	0.0	1.921e+04	7539.78	45.31	1.511e+04	6817.72	-6.940e+05
		-6.940e+05	6817.72	-1.17e-03	0.0	92.1	1.921e+04	6987.28	45.31	1.511e+04	1.435e+04	1.582e+04
170	334	2.821e+05	4653.03	-0.10	-552.50	0.0	9089.80	9803.91	283.94	2.819e+04	-1.825e+04	-3.923e+05
		-3.923e+05	-1.825e+04	2.86e-04	0.0	92.1	9089.80	9251.41	283.94	2.819e+04	4653.03	2.821e+05
170	335	1.580e+04	1.440e+04	-0.05	-552.50	0.0	1.916e+04	7551.80	46.98	1.535e+04	6832.91	-6.925e+05
		-6.925e+05	6832.91	-1.13e-03	0.0	92.1	1.916e+04	6999.30	46.98	1.535e+04	1.440e+04	1.580e+04
170	358	2.143e+05	7238.42	-0.09	-552.50	0.0	1.169e+04	9341.68	206.59	2.423e+04	-1.056e+04	-4.706e+05
		-4.706e+05	-1.056e+04	4.27e-05	0.0	92.1	1.169e+04	8789.18	206.59	2.423e+04	7238.42	2.143e+05
170	359	8.366e+04	1.182e+04	-0.06	-552.50	0.0	1.655e+04	8014.04	124.32	1.930e+04	-860.06	-6.142e+05
		-6.142e+05	-860.06	-8.35e-04	0.0	92.1	1.655e+04	7461.54	124.32	1.930e+04	1.182e+04	8.366e+04
170	366	2.143e+05	7213.48	-0.09	-552.50	0.0	1.172e+04	9335.73	205.73	2.411e+04	-1.056e+04	-4.714e+05
		-4.714e+05	-1.056e+04	3.89e-05	0.0	92.1	1.172e+04	8783.23	205.73	2.411e+04	7213.48	2.143e+05
170	369	2.047e+05	7506.63	-0.09	-552.50	0.0	1.194e+04	9272.78	217.44	2.455e+04	-1.139e+04	-4.793e+05
		-4.793e+05	-1.139e+04	-2.39e-04	0.0	92.1	1.194e+04	8720.28	217.44	2.455e+04	7506.63	2.047e+05
170	371	8.482e+04	1.185e+04	-0.06	-552.50	0.0	1.644e+04	8033.89	126.51	1.943e+04	-958.72	-6.110e+05
		-6.110e+05	-958.72	-8.61e-04	0.0	92.1	1.644e+04	7481.39	126.51	1.943e+04	1.185e+04	8.482e+04
171	41	8.267e+04	5.150e+04	1.40e-03	-648.00	0.0	-4763.15	-425.11	167.21	1.090e+04	2.475e+04	-8.267e+04
		-1.727e+05	2.475e+04	-0.02	0.0	160.0	-4763.15	-1073.11	167.21	1.090e+04	5.150e+04	-1.727e+05
171	49	8861.28	7.081e+04	8.42e-04	-648.00	0.0	-409.99	-1339.35	304.42	2.111e+04	2.210e+04	8861.28
		-1.767e+05	2.210e+04	-0.02	0.0	160.0	-409.99	-1987.35	304.42	2.111e+04	7.081e+04	-1.767e+05
171	50	1.059e+04	5.763e+04	7.53e-04	-480.00	0.0	-167.50	-1282.30	291.50	2.027e+04	1.099e+04	1.059e+04
		-1.572e+05	1.099e+04	-0.02	0.0	160.0	-167.50	-1762.30	291.50	2.027e+04	5.763e+04	-1.572e+05
171	54	2024.08	3.957e+04	6.29e-04	-480.00	0.0	-216.50	-765.43	187.38	1.301e+04	9593.49	2024.08
		-1.117e+05	9593.49	-0.01	0.0	160.0	-216.50	-1245.43	187.38	1.301e+04	3.957e+04	-1.117e+05
171	149	8841.31	1.086e+05	-5.73e-04	-648.00	0.0	-1120.64	-420.86	142.42	6916.82	8.586e+04	8841.31
		-1.062e+05	8.586e+04	-0.05	0.0	160.0	-1120.64	-1068.86	142.42	6916.82	1.086e+05	-1.062e+05
171	227	-6.861e+04	1.593e+04	1.01e-03	-480.00	0.0	-3451.23	58.56	46.55	3054.01	8478.63	-6.861e+04
		-9.436e+04	8478.63	-5.59e-03	0.0	160.0	-3451.23	-421.44	46.55	3054.01	1.593e+04	-9.436e+04
171	231	-2075.01	3.023e+04	6.03e-04	-480.00	0.0	-226.67	-618.66	148.18	1.062e+04	6521.08	-2075.01
		-9.728e+04	6521.08	-8.01e-03	0.0	160.0	-226.67	-1098.66	148.18	1.062e+04	3.023e+04	-9.728e+04
171	270	4155.61	6.884e+04	2.78e-04	-480.00	0.0	-728.29	-347.65	104.04	6106.19	5.220e+04	4155.61
		-7.759e+04	5.220e+04	-0.03	0.0	160.0	-728.29	-827.65	104.04	6106.19	6.884e+04	-7.759e+04
171	311	-5538.24	5.165e+04	-2.26e-04	-480.00	0.0	-578.89	-88.93	50.38	3008.49	4.359e+04	-5538.24
		-5.219e+04	4.359e+04	-0.02	0.0	160.0	-578.89	-568.93	50.38	3008.49	5.165e+04	-5.219e+04
171	315	-5.519e+04	2.021e+04	7.38e-04	-480.00	0.0	-2682.41	61.07	36.37	2560.85	1.439e+04	-5.519e+04
		-7.870e+04	1.439e+04	-8.05e-03	0.0	160.0	-2682.41	-418.93	36.37	2560.85	2.021e+04	-7.870e+04
171	316	-6112.73	3.094e+04	4.24e-04	-480.00	0.0	-263.99	-446.84	112.60	8233.11	1.292e+04	-6112.73
		-8.089e+04	1.292e+04	-9.86e-03	0.0	160.0	-263.99	-926.84	112.60	8233.11	3.094e+04	-8.089e+04
171	324	-9642.82	3.214e+04	1.61e-04	-480.00	0.0	-497.85	42.53	19.16	1108.88	2.908e+04	-9642.82
		-3.900e+04	2.908e+04	-0.01	0.0	160.0	-497.85	-437.47	19.16	1108.88	3.214e+04	-3.900e+04
171	342	-6426.77	3.433e+04	7.80e-04	-480.00	0.0	-324.70	16.52	38.87	1570.20	2.814e+04	-6426.77
		-4.055e+04	2.814e+04	-0.01	0.0	160.0	-324.70	-463.48	38.87	1570.20	3.433e+04	-4.055e+04
171	343	-1.250e+04	3.001e+04	-9.19e-04	-480.00	0.0	-671.00	68.54	-0.54	647.55	3.001e+04	-1.250e+04
		-3.746e+04	2.995e+04	-0.01	0.0	160.0	-671.00	-411.46	-0.54	647.55	2.995e+04	-3.746e+04
171	350	-4131.60	3.541e+04	1.19e-03	-480.00	0.0	-325.31	-12.04	50.57	1509.85	2.735e+04	-4131.60
		-4.142e+04	2.735e+04	-0.01	0.0	160.0	-325.31	-492.04	50.57	1509.85	3.541e+04	-4.142e+04
171	356	-4465.02	3.457e+04	1.19e-03	-480.00	0.0	-356.98	-11.49	46.61	1651.69	2.707e+04	-4465.02
		-4.232e+04	2.707e+04	-0.01	0.0	160.0	-356.98	-491.49	46.61	1651.69	3.457e+04	-4.232e+04
171	374	-8363.84	3.311e+04	4.72e-04	-480.00	0.0	-411.62	29.82	27.64	1398.20	2.869e+04	-8363.84
		-4.007e+04	2.869e+04	-0.01	0.0	160.0	-411.62	-450.18	27.64	1398.20	3.311e+04	-4.007e+04
171	375	-1.089e+04	3.118e+04	-5.45e-04	-480.00	0.0	-584.08	55.24	10.68	819.55	2.946e+04	-1.089e+04
		-3.794e+04	2.946e+04	-0.01	0.0	160.0	-584.08	-424.76	10.68	819.55	3.118e+04	-3.794e+04
171	382	-7018.63	3.377e+04	6.02e-04	-480.00	0.0	-412.03	15.38	34.79	1309.67	2.822e+04	-7018.63
		-4.020e+04	2.822e+04	-0.01	0.0	160.0	-412.03	-464.62	34.79	1309.67	3.377e+04	-4.020e+04
171	388	-7203.73	3.335e+04	6.04e-04	-480.00	0.0	-428.15	15.65	32.81	1382.20	2.808e+04	-7203.73
		-4.065e+04	2.808e+04	-0.01	0.0	160.0	-428.15	-464.35	32.81	1382.20	3.335e+04	-4.065e+04
172	41	2.344e+05	-8142.34	-6.72e-03	-324.00	0.0	2105.57	6669.29	48.74	1.381e+04	-1.204e+04	-1.535e+05
		-1.535e+05	-1.204e+04	3.38e-03	0.0	80.0	2105.57	6345.29	48.74	1.381e+04	-8142.34	2.344e+05
172	42	2.341e+05	-8630.00	-6.63e-03	-240.00	0.0	2207.53	6480.91	51.32	1.231e+04	-1.274e+04	-1.473e+05
		-1.473e+05	-1.274e+04	2.86e-03	0.0	80.0	2207.53	6240.91	51.32	1.231e+04	-8630.00	2.341e+05
172	49	3826.35	5085.41	-9.16e-04	-324.00	0.0	635.54	402.93	570.69	3.211e+04	-4.057e+04	3591.60
		-5870.40	-4.057e+04	4.73e-03	0.0	80.0	635.54	78.93	570.69	3.211e+04	5085.41	-5870.40
172	50	9832.98	4597.74	-8.24e-04	-240.00	0.0	737.50	214.55	573.26	3.061e+04	-4.126e+04	9832.98
		-6203.79	-4.126e+04	4.29e-03	0.0	80.0	737.50	-25.45	573.26	3.061e+04	4597.74	-6203.79
172	141	4128.26	1826.73	-2.07e-04	-324.00	0.0	-480.26	710.62	7.58	5592.55	1220.10	-1.392e+04
		-1.392e+04	1220.10	2.53e-03	0.0	80.0	-480.26	386.62	7.58	5592.55	1826.73	4128.26
172	227	1.715e+05	599.10	-4.65e-03	-240.00	0.0	1164.08	4997.37	-90.73	2414.87	599.10	-1.183e+05
		-1.183e+05	599.10	1.68e-03	0.0	80.0	1164.08	4757.37	-90.73	2414.87	-6659.09	1.715e+05
172	231	-1236.13	3139.24	-3.48e-04	-240.00	0.0	75.17	355.62	295.90	1.597e+04	-2.053e+04	-1871.52
		-6529.97	-2.053e+04	2.68e-03	0.0	80.0	75.17	115.62	295.90	1.597e+04	3139.24	-6529.97
172	282	2940.31	3966.72	-2.03e-04	-240.00	0.0	-401.77	540.77	-32.18	4137.29	3966.72	-1.180e+04
		-1.180e+04	3966.72	2.04e-03	0.0	80.0	-401.77	300.77	-32.18	4137.29	1392.51	2940.31
172	300	2784.24	5526.34	-2.73e-04	-240.00	0.0	-372.69	555.62	-51.48	3995.04	5526.34	-1.513e+04
		-1.513e+04	1407.84	2.10e-03	0.0	80.0	-372.69	315.62	-51.48	3995.04	1407.84	2784.24

172	310	2945.21	1348.62	-2.01e-04	-240.00	0.0	-294.05	531.21	2.94	4073.93	1113.19	-1.287e+04
		-1.287e+04	1113.19	1.87e-03	0.0	80.0	-294.05	291.21	2.94	4073.93	1348.62	2945.21
172	313	2371.83	4799.61	-3.25e-04	-240.00	0.0	-276.25	548.26	-42.56	4079.45	4799.61	-1.749e+04
		-1.749e+04	1394.61	2.06e-03	0.0	80.0	-276.25	308.26	-42.56	4079.45	1394.61	2371.83
172	315	1.289e+05	1227.93	-3.62e-03	-240.00	0.0	882.65	3882.96	-73.54	2837.86	1227.93	-9.556e+04
		-9.556e+04	-4654.87	1.74e-03	0.0	80.0	882.65	3642.96	-73.54	2837.86	-4654.87	1.289e+05
172	316	-3695.39	2693.88	-3.92e-04	-240.00	0.0	65.96	401.65	216.43	1.300e+04	-1.462e+04	-8271.54
		-8271.54	-1.462e+04	2.49e-03	0.0	80.0	65.96	161.65	216.43	1.300e+04	2693.88	-4615.31
172	324	2489.28	1415.86	-2.81e-04	-240.00	0.0	-207.99	533.62	-0.84	4031.91	1415.86	-1.644e+04
		-1.644e+04	1348.62	1.84e-03	0.0	80.0	-207.99	293.62	-0.84	4031.91	1348.62	2489.28
172	333	-1073.04	2882.51	-4.30e-04	-240.00	0.0	-174.67	552.41	-50.29	4977.33	2882.51	-1.987e+04
		-1.987e+04	-1165.42	2.61e-03	0.0	80.0	-174.67	312.41	-50.29	4977.33	-1165.42	-1073.04
172	336	6051.60	3862.66	-1.32e-04	-240.00	0.0	-241.31	514.84	48.61	3086.49	-50.79	-1.300e+04
		-1.300e+04	-50.79	1.07e-03	0.0	80.0	-241.31	274.84	48.61	3086.49	3862.66	6051.60
172	350	1.563e+04	599.07	3.47e-04	-240.00	0.0	-600.13	594.15	4.30	4914.39	261.66	-8111.67
		-8111.67	261.66	2.84e-03	0.0	80.0	-600.13	354.15	4.30	4914.39	599.07	1.563e+04
172	351	-1.066e+04	2570.05	-9.10e-04	-240.00	0.0	184.15	473.09	-5.98	3149.42	2570.05	-2.476e+04
		-2.476e+04	2098.17	8.32e-04	0.0	80.0	184.15	233.09	-5.98	3149.42	2098.17	-1.066e+04
172	353	-1.059e+04	3269.14	-9.12e-04	-240.00	0.0	153.11	490.61	-33.32	3800.13	3269.14	-2.560e+04
		-2.560e+04	599.06	1.34e-03	0.0	80.0	153.11	250.61	-33.32	3800.13	599.06	-1.059e+04
172	369	8.77	2266.19	-3.82e-04	-240.00	0.0	-172.60	539.89	-27.06	4473.96	2266.19	-1.858e+04
		-1.858e+04	94.24	2.16e-03	0.0	80.0	-172.60	299.89	-27.06	4473.96	94.24	8.77
172	372	4969.79	2603.00	-1.80e-04	-240.00	0.0	-243.39	527.36	25.38	3589.85	565.52	-1.429e+04
		-1.429e+04	565.52	1.51e-03	0.0	80.0	-243.39	287.36	25.38	3589.85	2603.00	4969.79
172	382	9025.74	972.31	3.10e-05	-240.00	0.0	-403.07	563.77	1.65	4474.61	843.41	-1.230e+04
		-1.230e+04	843.41	2.34e-03	0.0	80.0	-403.07	323.77	1.65	4474.61	972.31	9025.74
172	383	-4047.18	1988.30	-5.94e-04	-240.00	0.0	-12.91	503.47	-3.33	3589.21	1988.30	-2.057e+04
		-2.057e+04	1724.93	1.34e-03	0.0	80.0	-12.91	263.47	-3.33	3589.21	1724.93	-4047.18
172	385	-4012.01	2340.70	-5.94e-04	-240.00	0.0	-28.69	512.30	-17.08	3915.10	2340.70	-2.099e+04
		-2.099e+04	972.30	1.59e-03	0.0	80.0	-28.69	272.30	-17.08	3915.10	972.30	-4012.01
173	41	-4.947e+04	4.111e+04	1.16e-03	-648.00	0.0	-2923.20	-569.79	130.81	8733.51	2.018e+04	-4.947e+04
		-1.419e+05	2.018e+04	-0.01	0.0	160.0	-2923.20	-1217.79	130.81	8733.51	4.111e+04	-1.419e+05
173	50	1.830e+04	3.709e+04	3.91e-04	-480.00	0.0	1488.26	-867.86	266.72	1.806e+04	-5584.76	1.830e+04
		-9.531e+04	-5584.76	-6.72e-03	0.0	160.0	1488.26	-1347.86	266.72	1.806e+04	3.709e+04	-9.531e+04
173	73	-2.012e+04	8.319e+04	1.99e-04	-648.00	0.0	-54.37	46.03	79.93	5928.03	7.040e+04	-2.012e+04
		-3.640e+04	7.040e+04	-0.04	0.0	160.0	-54.37	-601.97	79.93	5928.03	8.319e+04	-3.640e+04
173	227	-5.380e+04	1.492e+04	9.88e-04	-480.00	0.0	-2790.78	-28.32	15.10	840.92	1.250e+04	-5.380e+04
		-8.577e+04	1.250e+04	-6.26e-03	0.0	160.0	-2790.78	-508.32	15.10	840.92	1.492e+04	-8.577e+04
173	231	-1.820e+04	2.018e+04	5.09e-04	-480.00	0.0	125.05	-82.41	106.21	7124.43	3.185e+02	-1.831e+04
		-5.254e+04	3.185e+02	-4.83e-03	0.0	160.0	125.05	-562.41	106.21	7124.43	2.018e+04	-5.254e+04
173	243	-7376.28	4.970e+04	2.72e-04	-480.00	0.0	-665.72	427.84	-22.59	-1237.21	4.970e+04	-7376.28
		-3.975e+04	4.609e+04	-0.02	0.0	160.0	-665.72	-52.16	-22.59	-1237.21	4.609e+04	-3.975e+04
173	289	-1.571e+04	5.710e+04	1.70e-04	-480.00	0.0	-153.81	48.61	63.13	4536.80	4.700e+04	-1.571e+04
		-2.889e+04	4.700e+04	-0.02	0.0	160.0	-153.81	-431.39	63.13	4536.80	5.710e+04	-2.889e+04
173	315	-4.778e+04	1.988e+04	7.35e-04	-480.00	0.0	-2225.87	91.51	3.08	363.84	1.938e+04	-4.778e+04
		-6.461e+04	1.938e+04	-9.12e-03	0.0	160.0	-2225.87	-388.49	3.08	363.84	1.988e+04	-6.461e+04
173	316	-2.155e+04	2.382e+04	3.61e-04	-480.00	0.0	-39.00	50.95	71.42	5076.47	1.239e+04	-2.155e+04
		-3.969e+04	1.239e+04	-8.05e-03	0.0	160.0	-39.00	-429.05	71.42	5076.47	2.382e+04	-3.969e+04
173	319	-5959.36	4.728e+04	2.09e-04	-480.00	0.0	-632.08	433.63	-25.18	-1194.75	4.728e+04	-5959.36
		-4.139e+04	4.326e+04	-0.02	0.0	160.0	-632.08	-46.37	-25.18	-1194.75	4.326e+04	-4.139e+04
173	324	-9642.83	3.214e+04	2.42e-04	-480.00	0.0	-722.48	437.47	-19.16	-1108.88	3.214e+04	-9642.83
		-3.900e+04	2.908e+04	-0.01	0.0	160.0	-722.48	-42.53	-19.16	-1108.88	2.908e+04	-3.900e+04
173	345	-6557.92	3.429e+04	-7.57e-04	-480.00	0.0	-540.29	463.83	-38.22	-1639.16	3.429e+04	-6557.92
		-4.098e+04	2.820e+04	-0.02	0.0	160.0	-540.29	-16.17	-38.22	-1639.16	2.820e+04	-4.098e+04
173	348	-1.233e+04	2.999e+04	9.19e-04	-480.00	0.0	-904.67	411.11	-0.11	-578.60	2.999e+04	-1.233e+04
		-3.703e+04	2.995e+04	-0.01	0.0	160.0	-904.67	-68.89	-0.11	-578.60	2.995e+04	-3.703e+04
173	351	-4465.02	3.457e+04	-1.19e-03	-480.00	0.0	-581.60	491.49	-46.61	-1651.69	3.457e+04	-4465.02
		-4.232e+04	2.707e+04	-0.02	0.0	160.0	-581.60	11.49	-46.61	-1651.69	2.707e+04	-4.232e+04
173	353	-4131.61	3.541e+04	-1.19e-03	-480.00	0.0	-549.93	492.04	-50.57	-1509.85	3.541e+04	-4131.61
		-4.142e+04	2.735e+04	-0.02	0.0	160.0	-549.93	12.04	-50.57	-1509.85	2.735e+04	-4.142e+04
173	377	-8363.85	3.311e+04	-3.83e-04	-480.00	0.0	-636.25	450.18	-27.64	-1398.20	3.311e+04	-8363.85
		-4.007e+04	2.869e+04	-0.01	0.0	160.0	-636.25	-29.82	-27.64	-1398.20	2.869e+04	-4.007e+04
173	380	-1.089e+04	3.118e+04	5.49e-04	-480.00	0.0	-808.70	424.76	-10.68	-819.55	3.118e+04	-1.089e+04
		-3.794e+04	2.946e+04	-0.01	0.0	160.0	-808.70	-55.24	-10.68	-819.55	2.946e+04	-3.794e+04
173	383	-7203.73	3.335e+04	-5.51e-04	-480.00	0.0	-652.78	464.35	-32.81	-1382.19	3.335e+04	-7203.73
		-4.065e+04	2.808e+04	-0.01	0.0	160.0	-652.78	-15.65	-32.81	-1382.19	2.808e+04	-4.065e+04
173	385	-7018.63	3.377e+04	-5.52e-04	-480.00	0.0	-636.65	464.62	-34.79	-1309.67	3.377e+04	-7018.63
		-4.020e+04	2.822e+04	-0.01	0.0	160.0	-636.65	-15.38	-34.79	-1309.67	2.822e+04	-4.020e+04
174	49	6113.46	1.075e+05	-5.24e-04	-648.00	0.0	-1050.99	-361.91	136.89	6619.71	8.561e+04	6113.46
		-1.009e+05	8.561e+04	-0.05	0.0	160.0	-1050.99	-1009.91	136.89	6619.71	1.075e+05	-1.009e+05
174	65	-5.338e+04	5.323e+04	9.89e-04	-648.00	0.0	-3106.12	-390.02	146.31	9336.37	5.323e+04	-5.338e+04
		-1.439e+05	2.982e+04	-0.02	0.0	160.0	-3106.12	-1038.02	146.31	9336.37	5.323e+04	-1.439e+05
174	73	8835.83	7.163e+04	8.37e-04	-648.00	0.0	-416.94	-1337.41	304.19	2.112e+04	2.296e+04	8835.83
		-1.765e+05	2.296e+04	-0.02	0.0	160.0	-416.94	-1985.41	304.19	2.112e+04	7.163e+04	-1.765e+05
174	74	1.057e+04	5.845e+04	7.47e-04	-480.00	0.0	-174.46	-1280.35	291.27	2.028e+04	1.185e+04	1.057e+04
		-1.570e+05	1.185e+04	-0.02	0.0	160.0	-174.46	-1760.35	291.27	2.028e+04	5.845e+04	-1.570e+05
174	78	2204.40	4.160e+04	6.28e-04	-480.00	0.0	-229.64	-761.05	187.28	1.298e+04	1.163e+04	2204.40

		-1.116e+05	1.163e+04	-0.01	0.0	160.0	-229.64	-1241.05	187.28	1.298e+04	4.160e+04	-1.116e+05
174	239	-4.700e+04	1.714e+04	7.05e-04	-480.00	0.0	-2224.40	85.36	31.01	1876.52	1.218e+04	-4.820e+04
		-7.300e+04	1.218e+04	-6.79e-03	0.0	160.0	-2224.40	-394.64	31.01	1876.52	1.714e+04	-7.300e+04
174	243	-2112.53	3.077e+04	6.03e-04	-480.00	0.0	-232.42	-616.41	147.96	1.060e+04	7096.31	-2112.53
		-9.715e+04	7096.31	-8.28e-03	0.0	160.0	-232.42	-1096.41	147.96	1.060e+04	3.077e+04	-9.715e+04
174	270	4701.23	7.221e+04	2.79e-04	-480.00	0.0	-748.96	-343.52	104.49	6094.01	5.549e+04	4701.23
		-7.770e+04	5.549e+04	-0.03	0.0	160.0	-748.96	-823.52	104.49	6094.01	7.221e+04	-7.770e+04
174	311	-5300.73	5.295e+04	-2.29e-04	-480.00	0.0	-587.46	-88.45	50.66	3037.53	4.484e+04	-5300.73
		-5.228e+04	4.484e+04	-0.02	0.0	160.0	-587.46	-568.45	50.66	3037.53	5.295e+04	-5.228e+04
174	318	-3.912e+04	1.988e+04	5.06e-04	-480.00	0.0	-1755.11	78.40	24.67	1719.82	1.594e+04	-4.088e+04
		-6.269e+04	1.594e+04	-8.35e-03	0.0	160.0	-1755.11	-401.60	24.67	1719.82	1.988e+04	-6.269e+04
174	319	-6313.74	3.010e+04	4.20e-04	-480.00	0.0	-261.12	-447.93	112.38	8265.53	1.212e+04	-6313.74
		-8.081e+04	1.212e+04	-9.45e-03	0.0	160.0	-261.12	-927.93	112.38	8265.53	3.010e+04	-8.081e+04
174	324	-9642.85	3.214e+04	1.61e-04	-480.00	0.0	-497.86	42.53	19.16	1108.91	2.907e+04	-1.025e+04
		-3.900e+04	2.907e+04	-0.01	0.0	160.0	-497.86	-437.47	19.16	1108.91	3.214e+04	-3.900e+04
174	342	-6089.11	3.454e+04	1.14e-03	-480.00	0.0	-290.77	10.24	42.48	-54.06	2.771e+04	-6089.11
		-4.243e+04	2.771e+04	-0.01	0.0	160.0	-290.77	-469.76	42.48	-54.06	3.454e+04	-4.243e+04
174	343	-1.250e+04	3.044e+04	-1.30e-03	-480.00	0.0	-704.94	74.82	-4.15	2271.88	3.044e+04	-1.441e+04
		-3.558e+04	2.975e+04	-0.01	0.0	160.0	-704.94	-405.18	-4.15	2271.88	2.975e+04	-3.558e+04
174	348	-6178.04	3.312e+04	1.14e-03	-480.00	0.0	-309.99	11.30	41.12	-10.98	2.852e+04	-6178.04
		-4.239e+04	2.761e+04	-0.01	0.0	160.0	-309.99	-468.70	41.12	-10.98	3.422e+04	-4.239e+04
174	350	-5909.12	3.449e+04	1.40e-03	-480.00	0.0	-341.53	11.01	41.25	424.65	2.788e+04	-5983.85
		-4.079e+04	2.788e+04	-0.02	0.0	160.0	-341.53	-468.99	41.25	424.65	3.449e+04	-4.079e+04
174	374	-8146.85	3.318e+04	4.87e-04	-480.00	0.0	-430.91	26.65	29.12	831.25	2.852e+04	-8409.40
		-4.021e+04	2.852e+04	-0.01	0.0	160.0	-430.91	-453.35	29.12	831.25	3.318e+04	-4.021e+04
174	382	-7863.42	3.331e+04	6.93e-04	-480.00	0.0	-420.30	26.88	30.14	768.50	2.848e+04	-8128.84
		-3.988e+04	2.848e+04	-0.01	0.0	160.0	-420.30	-453.12	30.14	768.50	3.331e+04	-3.988e+04
174	383	-1.135e+04	3.097e+04	-8.18e-04	-480.00	0.0	-575.41	58.18	8.18	1449.32	2.967e+04	-1.237e+04
		-3.812e+04	2.967e+04	-0.01	0.0	160.0	-575.41	-421.82	8.18	1449.32	3.097e+04	-3.812e+04
174	388	-7904.11	3.315e+04	6.93e-04	-480.00	0.0	-429.77	27.41	29.46	790.04	2.843e+04	-8173.54
		-3.986e+04	2.843e+04	-0.01	0.0	160.0	-429.77	-452.59	29.46	790.04	3.315e+04	-3.986e+04
175	65	1.139e+05	-683.24	-3.68e-03	-324.00	0.0	1689.21	3382.07	312.55	1.948e+04	-2.569e+04	-7.243e+04
		-7.243e+04	-2.569e+04	3.51e-03	0.0	80.0	1689.21	3058.07	312.55	1.948e+04	-683.24	1.139e+05
175	66	1.136e+05	-1170.90	-3.59e-03	-240.00	0.0	1791.18	3193.69	315.12	1.798e+04	-2.638e+04	-6.619e+04
		-6.619e+04	-2.638e+04	3.07e-03	0.0	80.0	1791.18	2953.69	315.12	1.798e+04	-1170.90	1.136e+05
175	73	3844.76	5086.06	-9.19e-04	-324.00	0.0	623.89	402.43	568.65	3.215e+04	-4.041e+04	3609.78
		-5850.40	-4.041e+04	4.76e-03	0.0	80.0	623.89	78.43	568.65	3.215e+04	5086.06	-5850.40
175	74	9851.17	4598.40	-8.27e-04	-240.00	0.0	725.86	214.05	571.22	3.065e+04	-4.110e+04	9851.17
		-6183.75	-4.110e+04	4.31e-03	0.0	80.0	725.86	-25.95	571.22	3.065e+04	4598.40	-6183.75
175	121	4173.01	1824.55	-1.82e-04	-324.00	0.0	-484.72	711.50	8.36	5548.23	1156.01	-1.383e+04
		-1.383e+04	1156.01	2.48e-03	0.0	80.0	-484.72	387.50	8.36	5548.23	1824.55	4173.01
175	231	2848.85	5360.68	-2.22e-04	-240.00	0.0	-399.22	554.33	-49.45	3937.75	5360.68	-1.396e+04
		-1.396e+04	1404.51	1.99e-03	0.0	80.0	-399.22	314.33	-49.45	3937.75	1404.51	2848.85
175	232	3032.50	4216.83	-1.86e-04	-240.00	0.0	-403.41	548.43	-35.33	3962.03	4216.83	-1.248e+04
		-1.248e+04	1390.62	1.95e-03	0.0	80.0	-403.41	308.43	-35.33	3962.03	1390.62	3032.50
175	239	8.223e+04	-1134.22	-2.39e-03	-240.00	0.0	853.58	2563.10	104.82	6584.56	-9519.47	-5.815e+04
		-5.815e+04	-9519.47	1.71e-03	0.0	80.0	853.58	2323.10	104.82	6584.56	-1134.22	8.223e+04
175	243	-1190.86	3139.34	-3.47e-04	-240.00	0.0	64.45	355.96	294.52	1.597e+04	-2.042e+04	-1819.32
		-6505.50	-2.042e+04	2.69e-03	0.0	80.0	64.45	115.96	294.52	1.597e+04	3139.34	-6505.50
175	310	2960.96	1348.62	-1.95e-04	-240.00	0.0	-298.08	532.37	2.52	4033.43	1348.62	-1.283e+04
		-1.283e+04	1146.76	1.84e-03	0.0	80.0	-298.08	292.37	2.52	4033.43	2960.96	-1.283e+04
175	316	2410.00	4578.32	-3.02e-04	-240.00	0.0	-285.51	550.07	-39.85	3960.58	4578.32	-1.726e+04
		-1.726e+04	1390.31	1.95e-03	0.0	80.0	-285.51	310.07	-39.85	3960.58	1390.31	2410.00
175	318	6.195e+04	-513.74	-1.93e-03	-240.00	0.0	654.09	2056.65	75.85	5945.69	-6581.80	-5.041e+04
		-5.041e+04	-6581.80	1.73e-03	0.0	80.0	654.09	1816.65	75.85	5945.69	-513.74	6.195e+04
175	319	-3654.67	2691.43	-3.96e-04	-240.00	0.0	62.24	401.29	218.13	1.299e+04	-1.476e+04	-8162.28
		-8162.28	-1.476e+04	2.48e-03	0.0	80.0	62.24	161.29	218.13	1.299e+04	2691.43	-8162.28
175	324	2489.16	1415.80	-2.81e-04	-240.00	0.0	-208.00	533.62	-0.84	4031.90	1415.80	-1.644e+04
		-1.644e+04	1348.62	1.84e-03	0.0	80.0	-208.00	293.62	-0.84	4031.90	1348.62	2489.16
175	342	1.236e+04	1143.64	3.53e-04	-240.00	0.0	-505.28	578.47	6.55	3158.23	491.61	-9803.93
		-9803.93	491.61	2.09e-03	0.0	80.0	-505.28	338.47	6.55	3158.23	1143.64	1.236e+04
175	343	-7384.54	2340.00	-9.16e-04	-240.00	0.0	89.27	488.77	-8.23	4905.57	2340.00	-2.307e+04
		-2.307e+04	1553.60	1.59e-03	0.0	80.0	89.27	248.77	-8.23	4905.57	1553.60	-7384.54
175	345	-7257.63	2655.95	-9.20e-04	-240.00	0.0	89.20	489.84	-20.04	5120.22	2655.95	-2.327e+04
		-2.327e+04	923.40	1.78e-03	0.0	80.0	89.20	249.84	-20.04	5120.22	923.40	-7257.63
175	348	1.224e+04	1773.84	3.58e-04	-240.00	0.0	-505.21	577.41	18.36	2943.57	1773.84	-9603.40
		-9603.40	175.66	1.89e-03	0.0	80.0	-505.21	337.41	18.36	2943.57	1773.84	1.224e+04
175	369	683.52	1826.28	-3.97e-04	-240.00	0.0	-153.92	520.44	-12.54	4149.68	1826.28	-1.785e+04
		-1.785e+04	822.59	2.09e-03	0.0	80.0	-153.92	280.44	-12.54	4149.68	822.59	683.52
175	377	-1453.34	1917.32	-5.22e-04	-240.00	0.0	-91.73	516.49	-9.08	3851.10	1917.32	-1.922e+04
		-1.922e+04	1190.81	1.64e-03	0.0	80.0	-91.73	276.49	-9.08	3851.10	1190.81	-1453.34
175	382	7291.84	1190.82	8.18e-05	-240.00	0.0	-349.36	555.34	0.67	4250.72	1137.70	-1.328e+04
		-1.328e+04	1137.70	1.68e-03	0.0	80.0	-349.36	315.34	0.67	4250.72	1190.82	7291.84
175	383	-2313.53	1693.91	-6.44e-04	-240.00	0.0	-66.65	511.90	-2.35	3813.08	1693.91	-1.959e+04
		-1.959e+04	1506.42	1.99e-03	0.0	80.0	-66.65	271.90	-2.35	3813.08	1506.42	-2313.53
175	385	-2249.54	1852.12	-6.47e-04	-240.00	0.0	-66.70	512.44	-8.26	3920.51	1852.12	-1.969e+04
		-1.969e+04	1190.81	2.09e-03	0.0	80.0	-66.70	272.44	-8.26	3920.51	1190.81	-2249.54

176	65	-3.791e+04	4.476e+04	8.04e-04	-648.00	0.0	-1667.50	-388.88	129.90	8756.81	2.398e+04	-3.791e+04
		-1.073e+05	2.398e+04	-0.02	0.0	160.0	-1667.50	-1036.88	129.90	8756.81	4.476e+04	-1.073e+05
176	67	-4.565e+04	3.543e+04	8.41e-04	-648.00	0.0	-1863.16	44.72	55.82	3442.37	2.650e+04	-4.809e+04
		-7.720e+04	2.650e+04	-0.01	0.0	160.0	-1863.16	-603.28	55.82	3442.37	3.543e+04	-7.720e+04
176	74	1.844e+04	3.799e+04	3.87e-04	-480.00	0.0	1487.86	-870.21	266.97	1.805e+04	-4724.47	1.844e+04
		-9.533e+04	-4724.47	-7.14e-03	0.0	160.0	1487.86	-1350.21	266.97	1.805e+04	3.799e+04	-9.533e+04
176	187	-2.131e+04	8.467e+04	1.99e-04	-648.00	0.0	-181.60	70.27	82.82	6266.73	7.142e+04	-3.160e+04
		-3.725e+04	7.142e+04	-0.04	0.0	160.0	-181.60	-577.73	82.82	6266.73	8.467e+04	-3.725e+04
176	239	-4.186e+04	1.735e+04	7.30e-04	-480.00	0.0	-1864.77	106.94	14.40	832.75	1.504e+04	-4.553e+04
		-6.019e+04	1.504e+04	-7.48e-03	0.0	160.0	-1864.77	-373.06	14.40	832.75	1.735e+04	-6.019e+04
176	243	-1.813e+04	2.057e+04	5.11e-04	-480.00	0.0	120.61	-82.90	106.37	7097.00	3547.33	-1.823e+04
		-5.259e+04	3547.33	-5.03e-03	0.0	160.0	120.61	-562.90	106.37	7097.00	2.057e+04	-5.259e+04
176	251	-7360.84	4.937e+04	2.78e-04	-480.00	0.0	-674.50	430.27	-22.78	-1300.81	4.937e+04	-3.986e+04
		-3.986e+04	4.573e+04	-0.02	0.0	160.0	-674.50	-49.73	-22.78	-1300.81	4.573e+04	-7594.42
176	289	-1.549e+04	6.041e+04	1.68e-04	-480.00	0.0	-138.75	41.92	63.47	4580.93	5.025e+04	-2.202e+04
		-2.870e+04	5.025e+04	-0.03	0.0	160.0	-138.75	-438.08	63.47	4580.93	6.041e+04	-2.870e+04
176	311	-1.302e+04	4.736e+04	1.75e-04	-480.00	0.0	-396.72	258.29	13.29	1288.28	4.524e+04	-3.177e+04
		-3.177e+04	4.524e+04	-0.02	0.0	160.0	-396.72	-221.71	13.29	1288.28	4.736e+04	-1.650e+04
176	318	-3.602e+04	2.076e+04	5.37e-04	-480.00	0.0	-1533.84	193.01	2.72	377.87	2.032e+04	-4.566e+04
		-4.566e+04	2.032e+04	-9.57e-03	0.0	160.0	-1533.84	-286.99	2.72	377.87	2.076e+04	-4.558e+04
176	319	-2.153e+04	2.317e+04	3.58e-04	-480.00	0.0	-44.80	50.64	71.70	5076.06	1.170e+04	-2.518e+04
		-3.988e+04	1.170e+04	-7.72e-03	0.0	160.0	-44.80	-429.36	71.70	5076.06	2.317e+04	-3.988e+04
176	321	-6089.99	4.606e+04	2.09e-04	-480.00	0.0	-641.13	435.52	-25.16	-1222.29	4.606e+04	-4.140e+04
		-4.140e+04	4.204e+04	-0.02	0.0	160.0	-641.13	-44.48	-25.16	-1222.29	4.204e+04	-6135.72
176	324	-9643.13	3.214e+04	2.42e-04	-480.00	0.0	-722.49	437.47	-19.16	-1108.91	3.214e+04	-3.900e+04
		-3.900e+04	2.907e+04	-0.01	0.0	160.0	-722.49	-42.53	-19.16	-1108.91	2.907e+04	-1.025e+04
176	343	-6336.53	3.412e+04	-1.14e-03	-480.00	0.0	-525.79	468.93	-40.23	63.32	3.412e+04	-4.281e+04
		-4.281e+04	2.765e+04	-0.01	0.0	160.0	-525.79	-11.07	-40.23	63.32	2.765e+04	-6336.53
176	345	-6247.60	3.412e+04	-1.14e-03	-480.00	0.0	-506.58	469.98	-41.59	106.40	3.412e+04	-4.285e+04
		-4.285e+04	2.774e+04	-0.01	0.0	160.0	-506.58	-10.02	-41.59	106.40	2.774e+04	-6247.60
176	348	-1.228e+04	3.041e+04	1.30e-03	-480.00	0.0	-938.40	404.95	3.27	-2324.22	2.985e+04	-3.516e+04
		-3.516e+04	2.985e+04	-0.01	0.0	160.0	-938.40	-75.05	3.27	-2324.22	3.041e+04	-1.425e+04
176	353	-5909.36	3.449e+04	-1.40e-03	-480.00	0.0	-566.17	468.99	-41.25	-424.65	3.097e+04	-4.079e+04
		-4.079e+04	2.788e+04	-0.01	0.0	160.0	-566.17	-11.01	-41.25	-424.65	2.788e+04	-5984.10
176	377	-8147.11	3.318e+04	-4.04e-04	-480.00	0.0	-655.54	453.35	-29.12	-831.25	3.318e+04	-4.021e+04
		-4.021e+04	2.852e+04	-0.01	0.0	160.0	-655.54	-26.65	-29.12	-831.25	2.852e+04	-8409.67
176	383	-7904.37	3.315e+04	-6.56e-04	-480.00	0.0	-654.41	452.59	-29.46	-790.04	3.315e+04	-3.986e+04
		-3.986e+04	2.843e+04	-0.01	0.0	160.0	-654.41	-27.41	-29.46	-790.04	2.843e+04	-8173.80
176	385	-7863.68	3.331e+04	-6.57e-04	-480.00	0.0	-644.93	453.12	-30.14	-768.50	3.331e+04	-3.988e+04
		-3.988e+04	2.848e+04	-0.01	0.0	160.0	-644.93	-26.88	-30.14	-768.50	2.848e+04	-8129.10
176	388	-1.135e+04	3.097e+04	8.18e-04	-480.00	0.0	-800.04	421.82	-8.18	-1449.32	3.097e+04	-3.812e+04
		-3.812e+04	2.967e+04	-0.01	0.0	160.0	-800.04	-58.18	-8.18	-1449.32	2.967e+04	-1.237e+04
177	73	6346.09	1.097e+05	-5.23e-04	-648.00	0.0	-1065.70	-358.55	136.92	6624.88	8.780e+04	6346.09
		-1.008e+05	8.780e+04	-0.05	0.0	160.0	-1065.70	-1006.55	136.92	6624.88	1.097e+05	-1.008e+05
177	89	-1752.52	5.506e+04	9.79e-04	-648.00	0.0	-507.40	-1384.66	298.24	2.100e+04	7342.24	-1752.52
		-1.882e+05	7342.24	-0.01	0.0	160.0	-507.40	-2032.66	298.24	2.100e+04	5.506e+04	-1.882e+05
177	90	-18.94	4.188e+04	8.90e-04	-480.00	0.0	-264.91	-1327.61	285.32	2.016e+04	-3771.17	-18.94
		-1.687e+05	-3771.17	-8.24e-03	0.0	160.0	-264.91	-1807.61	285.32	2.016e+04	4.188e+04	-1.687e+05
177	98	1.212e+04	7.150e+04	5.90e-04	-480.00	0.0	-338.13	-1058.91	253.97	1.731e+04	3.087e+04	1.212e+04
		-1.366e+05	3.087e+04	-0.02	0.0	160.0	-338.13	-1538.91	253.97	1.731e+04	7.150e+04	-1.366e+05
177	251	-9906.96	1.834e+04	7.09e-04	-480.00	0.0	-299.29	-652.26	143.70	1.052e+04	-4654.39	-9906.96
		-1.058e+05	-4654.39	-2.63e-03	0.0	160.0	-299.29	-1132.26	143.70	1.052e+04	1.834e+04	-1.058e+05
177	263	-5108.65	6.372e+04	2.78e-04	-480.00	0.0	-759.99	-103.45	53.48	2891.99	5.516e+04	-5108.65
		-5.911e+04	5.516e+04	-0.03	0.0	160.0	-759.99	-583.45	53.48	2891.99	6.372e+04	-5.911e+04
177	270	3002.52	7.592e+04	-2.98e-04	-480.00	0.0	-747.29	-321.75	99.80	5878.10	5.995e+04	3002.52
		-7.548e+04	5.995e+04	-0.03	0.0	160.0	-747.29	-801.75	99.80	5878.10	7.592e+04	-7.548e+04
177	311	-6814.12	5.461e+04	-2.66e-04	-480.00	0.0	-579.90	-72.89	46.86	2875.75	4.712e+04	-6814.12
		-5.051e+04	4.712e+04	-0.02	0.0	160.0	-579.90	-552.89	46.86	2875.75	5.461e+04	-5.051e+04
177	319	-7556.96	5.002e+04	-1.74e-04	-480.00	0.0	-615.02	94.58	19.26	219.87	4.694e+04	-7911.76
		-3.867e+04	4.694e+04	-0.02	0.0	160.0	-615.02	-385.42	19.26	219.87	5.002e+04	-3.867e+04
177	321	-1.241e+04	1.966e+04	5.00e-04	-480.00	0.0	-304.86	-475.48	108.88	8204.48	2239.26	-1.241e+04
		-8.721e+04	2239.26	-4.67e-03	0.0	160.0	-304.86	-955.48	108.88	8204.48	1.966e+04	-8.721e+04
177	322	-5666.33	3.612e+04	3.34e-04	-480.00	0.0	-345.53	-326.21	91.46	6621.46	2.148e+04	-5666.33
		-6.939e+04	2.148e+04	-0.01	0.0	160.0	-345.53	-806.21	91.46	6621.46	3.612e+04	-6.939e+04
177	324	-9642.87	3.214e+04	1.61e-04	-480.00	0.0	-497.86	42.53	19.16	1108.92	2.908e+04	-1.025e+04
		-3.900e+04	2.908e+04	-0.01	0.0	160.0	-497.86	-437.47	19.16	1108.92	3.214e+04	-3.900e+04
177	342	1885.97	3.826e+04	1.82e-03	-480.00	0.0	-181.04	-73.07	86.20	4291.67	2.436e+04	1885.97
		-4.708e+04	2.436e+04	-0.01	0.0	160.0	-181.04	-553.07	86.20	4291.67	3.826e+04	-4.708e+04
177	345	-1.696e+04	3.365e+04	-1.98e-03	-480.00	0.0	-850.58	158.21	-49.89	-1941.24	3.365e+04	-2.250e+04
		-3.174e+04	2.567e+04	-0.02	0.0	160.0	-850.58	-321.79	-49.89	-1941.24	2.567e+04	-3.174e+04
177	348	1999.96	3.861e+04	1.82e-03	-480.00	0.0	-145.14	-73.14	88.21	4159.07	2.450e+04	1999.96
		-4.626e+04	2.450e+04	-0.01	0.0	160.0	-145.14	-553.14	88.21	4159.07	3.861e+04	-4.626e+04
177	374	-7214.95	3.339e+04	6.89e-04	-480.00	0.0	-412.13	21.18	31.82	741.84	2.826e+04	-7425.07
		-4.006e+04	2.826e+04	-0.01	0.0	160.0	-412.13	-458.82	31.82	741.84	3.339e+04	-4.006e+04
177	377	-1.201e+04	3.072e+04	-8.16e-04	-480.00	0.0	-601.95	63.92	5.49	1544.24	2.981e+04	-1.313e+04
		-3.836e+04	2.981e+04	-0.01	0.0	160.0	-601.95	-416.08	5.49	1544.24	3.072e+04	-3.836e+04
177	380	-7135.48	3.356e+04	6.88e-04	-480.00	0.0	-393.77	21.15	32.83	673.60	2.834e+04	-7368.33

		-3.964e+04	2.834e+04	-0.01	0.0	160.0	-393.77	-458.85	32.83	673.60	3.356e+04	-3.964e+04
177	382	-8198.88	3.305e+04	4.85e-04	-480.00	0.0	-445.77	26.76	28.81	799.94	2.840e+04	-8464.33
		-4.022e+04	2.840e+04	-0.01	0.0	160.0	-445.77	-453.24	28.81	799.94	3.305e+04	-4.022e+04
178	89	5582.66	6111.10	-1.07e-03	-324.00	0.0	756.02	508.05	668.94	3.408e+04	-4.740e+04	5484.54
		-5095.61	-4.740e+04	4.83e-03	0.0	80.0	756.02	184.05	668.94	3.408e+04	6111.10	-5095.61
178	90	1.173e+04	5623.43	-9.75e-04	-240.00	0.0	858.00	319.67	671.51	3.258e+04	-4.810e+04	1.173e+04
		-5428.96	-4.810e+04	4.45e-03	0.0	80.0	858.00	79.67	671.51	3.258e+04	5623.43	-5428.96
178	113	7532.43	2625.73	-5.61e-04	-324.00	0.0	-236.78	831.90	22.35	1.176e+04	837.87	-2.301e+04
		-2.301e+04	837.87	4.32e-03	0.0	80.0	-236.78	507.90	22.35	1.176e+04	2625.73	7532.43
178	141	4158.63	1838.85	-1.80e-04	-324.00	0.0	-494.63	708.96	-0.06	5781.32	1838.85	-1.388e+04
		-1.388e+04	1834.25	2.66e-03	0.0	80.0	-494.63	384.96	-0.06	5781.32	1834.25	4158.63
178	243	2863.37	5601.38	-2.21e-04	-240.00	0.0	-411.94	553.19	-52.43	4024.76	5601.38	-1.387e+04
		-1.387e+04	1406.79	2.06e-03	0.0	80.0	-411.94	313.19	-52.43	4024.76	1406.79	2863.37
178	244	3042.17	4444.58	-1.86e-04	-240.00	0.0	-414.79	547.10	-38.14	4054.22	4444.58	-1.236e+04
		-1.236e+04	1393.14	2.02e-03	0.0	80.0	-414.79	307.10	-38.14	4054.22	1393.14	3042.17
178	251	76.82	3898.24	-4.57e-04	-240.00	0.0	161.45	433.87	369.41	1.740e+04	-2.565e+04	-333.13
		-5946.73	-2.565e+04	2.64e-03	0.0	80.0	161.45	193.87	369.41	1.740e+04	3898.24	-5946.73
178	259	2959.38	5499.36	-2.21e-04	-240.00	0.0	-298.65	538.96	-51.34	4675.37	5499.36	-1.782e+04
		-1.782e+04	1392.22	2.65e-03	0.0	80.0	-298.65	298.96	-51.34	4675.37	1392.22	2959.38
178	263	5402.62	1912.04	-4.18e-04	-240.00	0.0	-160.37	605.78	16.42	8598.42	598.51	-1.709e+04
		-1.709e+04	598.51	3.15e-03	0.0	80.0	-160.37	365.78	16.42	8598.42	1912.04	5402.62
178	310	2959.91	1348.62	-1.95e-04	-240.00	0.0	-300.15	531.71	2.91	4051.04	1115.57	-1.268e+04
		-1.268e+04	1115.57	1.84e-03	0.0	80.0	-300.15	291.71	2.91	4051.04	1348.62	2959.91
178	311	3362.73	1628.68	-4.32e-04	-240.00	0.0	-54.33	513.08	14.04	7656.05	505.44	-1.770e+04
		-1.770e+04	505.44	2.71e-03	0.0	80.0	-54.33	273.08	14.04	7656.05	1628.68	3362.73
178	319	2423.51	4585.99	-3.02e-04	-240.00	0.0	-291.60	549.98	-39.96	3962.67	4585.99	-1.721e+04
		-1.721e+04	1389.57	1.96e-03	0.0	80.0	-291.60	309.98	-39.96	3962.67	1389.57	2423.51
178	321	-3012.79	3258.16	-4.78e-04	-240.00	0.0	138.44	460.49	276.42	1.399e+04	-1.886e+04	-7060.65
		-7060.65	-1.886e+04	2.30e-03	0.0	80.0	138.44	220.49	276.42	1.399e+04	3258.16	-4184.07
178	323	2495.52	4509.48	-3.02e-04	-240.00	0.0	-206.63	539.30	-39.14	4450.63	4509.48	-2.018e+04
		-2.018e+04	1378.65	2.40e-03	0.0	80.0	-206.63	299.30	-39.14	4450.63	1378.65	2495.52
178	324	2489.17	1415.89	-2.81e-04	-240.00	0.0	-208.01	533.62	-0.84	4031.92	1415.89	-1.644e+04
		-1.644e+04	1348.62	1.84e-03	0.0	80.0	-208.01	293.62	-0.84	4031.92	1348.62	2489.17
178	342	3.046e+04	1974.77	7.32e-04	-240.00	0.0	-1010.54	668.40	59.45	7048.24	-3090.85	1690.43
		1690.43	-3090.85	2.92e-03	0.0	80.0	-1010.54	428.40	59.45	7048.24	1974.77	3.046e+04
178	343	-2.548e+04	5922.63	-1.29e-03	-240.00	0.0	594.52	398.85	-61.13	1015.60	5922.63	-3.456e+04
		-3.456e+04	722.47	7.55e-04	0.0	80.0	594.52	158.85	-61.13	1015.60	722.47	-2.548e+04
178	345	-2.540e+04	5606.51	-1.30e-03	-240.00	0.0	617.85	398.83	-50.55	686.11	5606.51	-3.449e+04
		-3.449e+04	1281.05	5.49e-04	0.0	80.0	617.85	158.83	-50.55	686.11	1281.05	-2.540e+04
178	348	3.038e+04	1416.19	7.39e-04	-240.00	0.0	-1033.88	668.42	48.87	7377.73	-2774.73	1621.87
		1621.87	-2774.73	3.13e-03	0.0	80.0	-1033.88	428.42	48.87	7377.73	1416.19	3.038e+04
178	374	9294.99	1490.05	8.05e-05	-240.00	0.0	-400.10	564.95	8.49	4151.43	805.43	-1.194e+04
		-1.194e+04	805.43	1.97e-03	0.0	80.0	-400.10	324.95	8.49	4151.43	1490.05	9294.99
178	375	-4316.65	2026.34	-6.43e-04	-240.00	0.0	-15.92	502.30	-10.17	3912.41	2026.34	-2.093e+04
		-2.093e+04	1207.20	1.70e-03	0.0	80.0	-15.92	262.30	-10.17	3912.41	1207.20	-4316.65
178	377	-4277.79	1864.29	-6.47e-04	-240.00	0.0	-4.17	502.28	-4.79	3747.05	1864.29	-2.089e+04
		-2.089e+04	1490.04	1.60e-03	0.0	80.0	-4.17	262.28	-4.79	3747.05	1490.04	-4277.79
178	380	9256.13	1207.20	8.41e-05	-240.00	0.0	-411.86	564.96	3.11	4316.79	967.48	-1.198e+04
		-1.198e+04	967.48	2.07e-03	0.0	80.0	-411.86	324.96	3.11	4316.79	1207.20	9256.13
179	89	-6462.64	3.817e+04	6.28e-04	-648.00	0.0	739.32	-652.34	267.35	1.799e+04	-4603.40	-6462.64
		-1.091e+05	-4603.40	-7.16e-03	0.0	160.0	739.32	-1300.34	267.35	1.799e+04	3.817e+04	-1.091e+05
179	90	1.304e+04	2.706e+04	5.16e-04	-480.00	0.0	1214.41	-877.40	280.27	1.883e+04	-1.778e+04	1.304e+04
		-1.074e+05	-1.778e+04	1.84e-03	0.0	160.0	1214.41	-1357.40	280.27	1.883e+04	2.706e+04	-1.074e+05
179	98	1.269e+04	5.065e+04	2.81e-04	-480.00	0.0	1253.18	-705.11	222.64	1.517e+04	1.503e+04	1.269e+04
		-7.791e+04	1.503e+04	-0.01	0.0	160.0	1253.18	-1185.11	222.64	1.517e+04	5.065e+04	-7.791e+04
179	161	-1.326e+04	4.566e+04	4.60e-04	-648.00	0.0	-1326.23	677.18	-28.06	-1898.54	4.566e+04	-5.800e+04
		-5.800e+04	4.117e+04	-0.02	0.0	160.0	-1326.23	29.18	-28.06	-1898.54	4.117e+04	-1.352e+04
179	165	-2.128e+04	8.746e+04	2.11e-04	-648.00	0.0	-194.51	82.05	78.34	5878.92	7.493e+04	-3.351e+04
		-3.498e+04	7.493e+04	-0.04	0.0	160.0	-194.51	-565.95	78.34	5878.92	8.746e+04	-3.498e+04
179	210	-1.438e+04	6.436e+04	1.42e-04	-480.00	0.0	-8.54	15.29	61.77	4544.00	5.448e+04	-2.086e+04
		-2.764e+04	5.448e+04	-0.03	0.0	160.0	-8.54	-464.71	61.77	4544.00	6.436e+04	-2.764e+04
179	251	-2.216e+04	1.231e+04	6.07e-04	-480.00	0.0	-83.01	-88.61	116.40	7681.20	-6309.20	-2.216e+04
		-6.161e+04	-6309.20	1.36e-03	0.0	160.0	-83.01	-568.61	116.40	7681.20	1.231e+04	-6.161e+04
179	259	-7294.44	5.236e+04	2.76e-04	-480.00	0.0	-660.82	422.76	-22.13	-1242.37	5.236e+04	-3.949e+04
		-3.949e+04	4.882e+04	-0.02	0.0	160.0	-660.82	-57.24	-22.13	-1242.37	4.882e+04	-7548.03
179	287	-9927.64	3.348e+04	3.27e-04	-480.00	0.0	-936.84	488.98	-20.10	-1337.17	3.348e+04	-4.207e+04
		-4.207e+04	3.027e+04	-0.02	0.0	160.0	-936.84	8.98	-20.10	-1337.17	3.027e+04	-1.018e+04
179	289	-1.546e+04	6.457e+04	1.43e-04	-480.00	0.0	-105.73	50.77	58.47	4414.30	5.522e+04	-2.417e+04
		-2.596e+04	5.522e+04	-0.03	0.0	160.0	-105.73	-429.23	58.47	4414.30	6.457e+04	-2.596e+04
179	310	-1.175e+04	3.078e+04	3.38e-04	-480.00	0.0	-784.37	431.60	-14.42	-1137.57	3.078e+04	-3.649e+04
		-3.649e+04	2.847e+04	-0.01	0.0	160.0	-784.37	-48.40	-14.42	-1137.57	2.847e+04	-1.324e+04
179	311	-1.207e+04	4.939e+04	1.61e-04	-480.00	0.0	-378.13	266.79	9.52	1147.73	4.787e+04	-3.341e+04
		-3.341e+04	4.787e+04	-0.02	0.0	160.0	-378.13	-213.21	9.52	1147.73	4.939e+04	-1.456e+04
179	321	-2.564e+04	1.587e+04	4.34e-04	-480.00	0.0	-203.61	48.63	79.09	5492.73	3219.21	-2.821e+04
		-4.671e+04	3219.21	-3.99e-03	0.0	160.0	-203.61	-431.37	79.09	5492.73	1.587e+04	-4.671e+04
179	322	-1.977e+04	2.898e+04	3.03e-04	-480.00	0.0	-182.07	144.35	47.08	3459.16	2.145e+04	-2.840e+04
		-3.033e+04	2.145e+04	-0.01	0.0	160.0	-182.07	-335.65	47.08	3459.16	2.898e+04	-3.033e+04

179	323	-6102.31	4.722e+04	2.08e-04	-480.00	0.0	-636.97	432.17	-24.81	-1199.94	4.722e+04	-4.121e+04
		-4.121e+04	4.325e+04	-0.02	0.0	160.0	-636.97	-47.83	-24.81	-1199.94	4.325e+04	-6161.66
179	324	-9643.15	3.214e+04	2.42e-04	-480.00	0.0	-722.49	437.47	-19.16	-1108.92	3.214e+04	-3.900e+04
		-3.900e+04	2.908e+04	-0.01	0.0	160.0	-722.49	-42.53	-19.16	-1108.92	2.908e+04	-1.025e+04
179	342	-1.692e+04	3.390e+04	1.98e-03	-480.00	0.0	-1046.10	310.43	53.03	1780.79	2.543e+04	-3.080e+04
		-3.080e+04	2.543e+04	-0.01	0.0	160.0	-1046.10	-169.57	53.03	1780.79	3.390e+04	-2.299e+04
179	343	2494.64	3.885e+04	-1.82e-03	-480.00	0.0	-398.88	564.51	-91.35	-3998.62	3.885e+04	-4.721e+04
		-4.721e+04	2.425e+04	-0.02	0.0	160.0	-398.88	84.51	-91.35	-3998.62	2.425e+04	2494.64
179	345	2380.66	3.849e+04	-1.82e-03	-480.00	0.0	-434.78	564.44	-89.34	-4131.22	3.849e+04	-4.803e+04
		-4.803e+04	2.410e+04	-0.02	0.0	160.0	-434.78	84.44	-89.34	-4131.22	2.410e+04	2380.66
179	374	-1.201e+04	3.072e+04	8.16e-04	-480.00	0.0	-826.58	416.08	-5.49	-1544.24	3.072e+04	-3.836e+04
		-3.836e+04	2.981e+04	-0.01	0.0	160.0	-826.58	-63.92	-5.49	-1544.24	2.981e+04	-1.313e+04
179	375	-7135.74	3.356e+04	-6.55e-04	-480.00	0.0	-618.40	458.85	-32.83	-673.60	3.356e+04	-3.964e+04
		-3.964e+04	2.834e+04	-0.01	0.0	160.0	-618.40	-21.15	-32.83	-673.60	2.834e+04	-7368.59
179	377	-7215.21	3.339e+04	-6.54e-04	-480.00	0.0	-636.76	458.82	-31.82	-741.84	3.339e+04	-4.006e+04
		-4.006e+04	2.827e+04	-0.01	0.0	160.0	-636.76	-21.18	-31.82	-741.84	2.827e+04	-7425.33
179	385	-8199.15	3.305e+04	-4.01e-04	-480.00	0.0	-670.40	453.24	-28.81	-799.95	3.305e+04	-4.022e+04
		-4.022e+04	2.840e+04	-0.01	0.0	160.0	-670.40	-26.76	-28.81	-799.95	2.840e+04	-8464.61
180	97	6773.90	1.134e+05	-5.75e-04	-648.00	0.0	-1095.91	-348.94	136.71	6547.72	9.150e+04	6773.90
		-1.008e+05	9.150e+04	-0.05	0.0	160.0	-1095.91	-996.94	136.71	6547.72	1.134e+05	-1.008e+05
180	105	-4456.92	5.989e+04	9.33e-04	-648.00	0.0	-503.21	-1349.71	290.51	2.063e+04	1.341e+04	-4456.92
		-1.846e+05	1.341e+04	-0.02	0.0	160.0	-503.21	-1997.71	290.51	2.063e+04	5.989e+04	-1.846e+05
180	106	-2725.55	4.671e+04	8.46e-04	-480.00	0.0	-260.71	-1292.69	277.60	1.979e+04	2289.34	-2725.55
		-1.651e+05	2289.34	-0.01	0.0	160.0	-260.71	-1772.69	277.60	1.979e+04	4.671e+04	-1.651e+05
180	128	1.064e+04	7.784e+04	5.70e-04	-480.00	0.0	-399.46	-1066.29	248.10	1.701e+04	3.814e+04	1.064e+04
		-1.367e+05	3.814e+04	-0.03	0.0	160.0	-399.46	-1546.29	248.10	1.701e+04	7.784e+04	-1.367e+05
180	259	-1.209e+04	2.161e+04	6.70e-04	-480.00	0.0	-290.47	-628.14	137.95	1.029e+04	-464.90	-1.209e+04
		-1.032e+05	-464.90	-4.42e-03	0.0	160.0	-290.47	-1108.14	137.95	1.029e+04	2.161e+04	-1.032e+05
180	265	-7005.63	5.394e+04	3.01e-04	-480.00	0.0	-733.90	29.44	26.31	1007.75	4.973e+04	-7005.63
		-4.755e+04	4.973e+04	-0.02	0.0	160.0	-733.90	-450.56	26.31	1007.75	5.394e+04	-4.755e+04
180	270	5887.70	6.668e+04	4.72e-04	-480.00	0.0	-456.37	-821.05	191.89	1.317e+04	3.598e+04	5887.70
		-1.145e+05	3.598e+04	-0.02	0.0	160.0	-456.37	-1301.05	191.89	1.317e+04	6.668e+04	-1.145e+05
180	311	-4541.29	4.669e+04	-3.68e-04	-480.00	0.0	-359.92	-450.00	116.41	8357.04	2.807e+04	-4541.29
		-7.998e+04	2.807e+04	-0.02	0.0	160.0	-359.92	-930.00	116.41	8357.04	4.669e+04	-7.998e+04
180	322	-7377.93	5.084e+04	-2.00e-04	-480.00	0.0	-626.68	96.56	19.53	206.07	4.772e+04	-7686.15
		-3.882e+04	4.772e+04	-0.02	0.0	160.0	-626.68	-383.44	19.53	206.07	5.084e+04	-3.882e+04
180	323	-1.393e+04	2.113e+04	4.79e-04	-480.00	0.0	-297.40	-459.42	104.98	8028.89	4337.71	-1.393e+04
		-8.541e+04	4337.71	-5.52e-03	0.0	160.0	-297.40	-939.42	104.98	8028.89	2.113e+04	-8.541e+04
180	324	-9635.64	3.216e+04	1.61e-04	-480.00	0.0	-497.89	42.61	19.15	1107.82	2.909e+04	-1.024e+04
		-3.899e+04	2.909e+04	-0.01	0.0	160.0	-497.89	-437.39	19.15	1107.82	3.216e+04	-3.899e+04
180	334	-9340.97	3.146e+04	4.68e-04	-480.00	0.0	-565.00	13.14	19.45	1288.60	2.801e+04	-9534.77
		-4.243e+04	2.801e+04	-0.01	0.0	160.0	-565.00	-466.86	19.45	1288.60	3.146e+04	-4.243e+04
180	345	-1.338e+04	3.073e+04	-1.48e-03	-480.00	0.0	-651.52	78.79	-10.56	2133.38	3.073e+04	-1.505e+04
		-3.733e+04	2.910e+04	-0.01	0.0	160.0	-651.52	-401.21	-10.56	2133.38	2.910e+04	-3.733e+04
180	346	-5838.08	3.432e+04	1.33e-03	-480.00	0.0	-406.57	-3.81	44.13	351.13	2.713e+04	-5838.08
		-4.227e+04	2.713e+04	-0.02	0.0	160.0	-406.57	-483.81	44.13	351.13	3.432e+04	-4.227e+04
180	348	-5384.50	3.521e+04	1.32e-03	-480.00	0.0	-344.26	6.43	48.87	82.25	2.746e+04	-5433.31
		-4.065e+04	2.746e+04	-0.02	0.0	160.0	-344.26	-473.57	48.87	82.25	3.521e+04	-4.065e+04
180	366	-9621.16	3.172e+04	2.89e-04	-480.00	0.0	-532.34	29.23	18.30	1303.38	2.862e+04	-9991.18
		-4.063e+04	2.862e+04	-0.01	0.0	160.0	-532.34	-450.77	18.30	1303.38	3.172e+04	-4.063e+04
180	377	-1.138e+04	3.092e+04	-7.07e-04	-480.00	0.0	-577.06	55.45	7.55	1293.46	2.966e+04	-1.231e+04
		-3.857e+04	2.966e+04	-0.01	0.0	160.0	-577.06	-424.55	7.55	1293.46	3.092e+04	-3.857e+04
180	378	-8122.14	3.296e+04	6.04e-04	-480.00	0.0	-450.76	24.52	28.37	1060.48	2.836e+04	-8380.57
		-4.025e+04	2.836e+04	-0.01	0.0	160.0	-450.76	-455.48	28.37	1060.48	3.296e+04	-4.025e+04
180	380	-7879.95	3.340e+04	5.96e-04	-480.00	0.0	-418.73	29.77	30.75	922.18	2.853e+04	-8177.78
		-3.941e+04	2.853e+04	-0.01	0.0	160.0	-418.73	-450.23	30.75	922.18	3.340e+04	-3.941e+04
181	105	2108.82	6121.14	-1.10e-03	-324.00	0.0	792.79	521.98	645.96	3.395e+04	-4.556e+04	1260.40
		-5065.93	-4.556e+04	4.86e-03	0.0	80.0	792.79	197.98	645.96	3.395e+04	6121.14	-5065.93
181	106	7500.64	5633.75	-1.01e-03	-240.00	0.0	894.71	333.64	648.56	3.245e+04	-4.625e+04	7500.64
		-5400.69	-4.625e+04	4.47e-03	0.0	80.0	894.71	93.64	648.56	3.245e+04	5633.75	-5400.69
181	115	7509.86	2594.14	-5.49e-04	-324.00	0.0	-217.32	828.35	59.91	1.127e+04	-2198.54	-2.005e+04
		-2.005e+04	-2198.54	3.71e-03	0.0	80.0	-217.32	504.35	59.91	1.127e+04	2594.14	7509.86
181	141	4122.68	2341.80	-1.93e-04	-324.00	0.0	-474.56	708.91	-6.30	5887.40	2341.80	-1.513e+04
		-1.513e+04	1837.94	2.69e-03	0.0	80.0	-474.56	384.91	-6.30	5887.40	1837.94	4122.68
181	205	3294.83	1943.98	-3.79e-04	-324.00	0.0	-284.46	720.46	-1.53	5453.61	1943.98	-2.225e+04
		-2.225e+04	1821.68	2.49e-03	0.0	80.0	-284.46	396.46	-1.53	5453.61	1821.68	3294.83
181	255	2763.97	6039.39	-2.34e-04	-240.00	0.0	-427.62	552.60	-57.83	4114.98	6039.39	-1.404e+04
		-1.404e+04	1412.95	2.11e-03	0.0	80.0	-427.62	312.60	-57.83	4114.98	1412.95	2763.97
181	259	-2280.71	3905.64	-4.85e-04	-240.00	0.0	197.73	443.21	353.07	1.733e+04	-2.434e+04	-3680.62
		-5947.53	-2.434e+04	2.65e-03	0.0	80.0	197.73	203.21	353.07	1.733e+04	3905.64	-5947.53
181	262	4513.79	1836.02	-2.73e-04	-240.00	0.0	-306.00	626.08	-2.52	5047.35	1836.02	-1.641e+04
		-1.641e+04	1634.47	2.31e-03	0.0	80.0	-306.00	386.08	-2.52	5047.35	1634.47	4513.79
181	265	4481.89	3849.41	-2.68e-04	-240.00	0.0	-319.62	623.40	-27.36	5559.18	3849.41	-1.745e+04
		-1.745e+04	1660.38	2.78e-03	0.0	80.0	-319.62	383.40	-27.36	5559.18	1660.38	4481.89
181	289	-1169.09	3171.44	-6.88e-04	-240.00	0.0	441.02	338.39	299.76	2.061e+04	-2.081e+04	-6700.86
		-6700.86	-2.081e+04	3.67e-03	0.0	80.0	441.02	98.39	299.76	2.061e+04	3171.44	-1725.17
181	310	2944.77	1347.89	-2.01e-04	-240.00	0.0	-288.62	531.88	2.33	4053.01	1161.50	-1.315e+04

		-1.315e+04	1161.50	1.81e-03	0.0	80.0	-288.62	291.88	2.33	4053.01	1347.89	2944.77
181	311	-1769.97	2490.46	-5.19e-04	-240.00	0.0	195.92	405.44	184.49	1.367e+04	-1.227e+04	-1.221e+04
		-1.221e+04	-1.227e+04	2.85e-03	0.0	80.0	195.92	165.44	184.49	1.367e+04	2490.46	-1769.97
181	319	2435.65	3796.57	-3.00e-04	-240.00	0.0	-220.21	528.75	-30.22	4697.44	3796.57	-1.768e+04
		-1.768e+04	1379.05	2.45e-03	0.0	80.0	-220.21	288.75	-30.22	4697.44	1379.05	2435.65
181	322	2364.29	4674.98	-3.07e-04	-240.00	0.0	-309.26	549.60	-41.04	3974.58	4674.98	-1.690e+04
		-1.690e+04	1391.47	1.97e-03	0.0	80.0	-309.26	309.60	-41.04	3974.58	1391.47	2364.29
181	323	-3607.75	3260.99	-4.96e-04	-240.00	0.0	159.75	467.56	267.13	1.388e+04	-1.811e+04	-9123.00
		-9123.00	-1.811e+04	2.35e-03	0.0	80.0	159.75	227.56	267.13	1.388e+04	3260.99	-4169.33
181	324	2492.56	1420.87	-2.81e-04	-240.00	0.0	-207.90	533.52	-0.91	4031.09	1420.87	-1.643e+04
		-1.643e+04	1347.89	1.84e-03	0.0	80.0	-207.90	293.52	-0.91	4031.09	1347.89	2492.56
181	326	7151.02	3870.73	-1.10e-04	-240.00	0.0	-220.08	503.81	51.67	2515.46	-333.86	-1.282e+04
		-1.282e+04	-333.86	6.70e-04	0.0	80.0	-220.08	263.81	51.67	2515.46	3870.73	7151.02
181	327	-2165.90	3175.60	-4.52e-04	-240.00	0.0	-195.71	563.23	-53.49	5546.71	3175.60	-2.004e+04
		-2.004e+04	-1174.96	3.01e-03	0.0	80.0	-195.71	323.23	-53.49	5546.71	-1174.96	-2165.90
181	343	-7292.94	3360.28	-9.44e-04	-240.00	0.0	38.56	511.92	-34.53	5396.60	3360.28	-2.360e+04
		-2.360e+04	528.50	3.01e-03	0.0	80.0	38.56	271.92	-34.53	5396.60	528.50	-7292.94
181	345	-7304.88	2583.91	-9.57e-04	-240.00	0.0	80.93	488.00	-6.52	4664.40	2583.91	-2.268e+04
		-2.268e+04	2029.83	2.50e-03	0.0	80.0	80.93	248.00	-6.52	4664.40	2029.83	-7304.88
181	348	1.229e+04	665.94	3.94e-04	-240.00	0.0	-496.72	579.04	4.69	3397.77	257.82	-1.018e+04
		-1.018e+04	257.82	1.18e-03	0.0	80.0	-496.72	339.04	4.69	3397.77	665.94	1.229e+04
181	358	4721.19	2610.33	-2.04e-04	-240.00	0.0	-209.95	517.98	24.47	3458.78	2610.33	-1.475e+04
		-1.475e+04	624.06	1.28e-03	0.0	80.0	-209.95	277.98	24.47	3458.78	624.06	4721.19
181	359	263.92	2217.68	-3.58e-04	-240.00	0.0	-205.84	549.05	-26.30	4603.40	2217.68	-1.812e+04
		-1.812e+04	85.44	2.40e-03	0.0	80.0	-205.84	309.05	-26.30	4603.40	85.44	263.92
181	375	-1986.75	2085.20	-5.87e-04	-240.00	0.0	-96.20	523.69	-13.84	4090.19	2085.20	-1.960e+04
		-1.960e+04	969.15	2.35e-03	0.0	80.0	-96.20	283.69	-13.84	4090.19	969.15	-1986.75
181	377	-1992.05	1726.61	-5.93e-04	-240.00	0.0	-74.63	511.48	0.34	3723.00	1726.61	-1.914e+04
		-1.914e+04	1689.58	2.09e-03	0.0	80.0	-74.63	271.48	0.34	3723.00	1689.58	-1992.05
181	380	6977.16	1152.15	3.09e-05	-240.00	0.0	-341.16	555.56	-2.16	4339.18	1152.15	-1.373e+04
		-1.373e+04	969.16	1.58e-03	0.0	80.0	-341.16	315.56	-2.16	4339.18	969.16	6977.16
182	8	8108.26	5.702e+04	-2.41e-04	-480.00	0.0	1302.49	-680.23	211.76	1.477e+04	2.314e+04	8108.26
		-7.246e+04	2.314e+04	-0.02	0.0	160.0	1302.49	-1160.23	211.76	1.477e+04	5.702e+04	-7.246e+04
182	73	-1.917e+04	8.898e+04	1.89e-04	-648.00	0.0	-24.98	11.25	87.37	6433.73	7.500e+04	-2.659e+04
		-3.922e+04	7.500e+04	-0.04	0.0	160.0	-24.98	-636.75	87.37	6433.73	8.898e+04	-3.922e+04
182	105	-9746.25	4.378e+04	5.81e-04	-648.00	0.0	778.18	-635.72	259.44	1.770e+04	2267.90	-9746.25
		-1.051e+05	2267.90	-0.01	0.0	160.0	778.18	-1283.72	259.44	1.770e+04	4.378e+04	-1.051e+05
182	106	9747.49	3.266e+04	4.67e-04	-480.00	0.0	1253.18	-860.74	272.35	1.854e+04	-1.092e+04	9747.49
		-1.033e+05	-1.092e+04	-4.56e-03	0.0	160.0	1253.18	-1340.74	272.35	1.854e+04	3.266e+04	-1.033e+05
182	161	-1.262e+04	4.830e+04	4.50e-04	-648.00	0.0	-1305.09	674.30	-28.87	-1865.19	4.830e+04	-5.830e+04
		-5.830e+04	4.368e+04	-0.02	0.0	160.0	-1305.09	26.30	-28.87	-1865.19	4.368e+04	-1.281e+04
182	210	-8117.96	5.009e+04	2.27e-04	-480.00	0.0	638.60	-343.07	147.45	1.036e+04	2.650e+04	-8117.96
		-5.489e+04	2.650e+04	-0.02	0.0	160.0	638.60	-823.07	147.45	1.036e+04	5.009e+04	-5.489e+04
182	243	-8942.01	5.259e+04	2.67e-04	-480.00	0.0	-641.92	401.71	-16.93	-847.79	5.259e+04	-3.713e+04
		-3.713e+04	4.988e+04	-0.02	0.0	160.0	-641.92	-78.29	-16.93	-847.79	4.988e+04	-9714.83
182	259	-2.452e+04	1.640e+04	5.64e-04	-480.00	0.0	-46.99	-77.52	110.53	7497.36	-1288.01	-2.466e+04
		-5.850e+04	-1288.01	-3.00e-03	0.0	160.0	-46.99	-557.52	110.53	7497.36	1.640e+04	-5.850e+04
182	270	-7482.64	4.999e+04	2.44e-04	-480.00	0.0	634.60	-347.80	148.96	1.040e+04	2.616e+04	-7482.64
		-5.552e+04	2.616e+04	-0.02	0.0	160.0	634.60	-827.80	148.96	1.040e+04	4.999e+04	-5.552e+04
182	287	-9502.32	3.524e+04	3.20e-04	-480.00	0.0	-922.80	487.06	-20.64	-1314.95	3.524e+04	-4.227e+04
		-4.227e+04	3.194e+04	-0.02	0.0	160.0	-922.80	7.06	-20.64	-1314.95	3.194e+04	-9717.82
182	310	-1.149e+04	3.105e+04	3.29e-04	-480.00	0.0	-776.27	432.07	-15.08	-1125.71	3.105e+04	-3.678e+04
		-3.678e+04	2.864e+04	-0.01	0.0	160.0	-776.27	-47.93	-15.08	-1125.71	2.864e+04	-1.286e+04
182	311	-1.905e+04	3.746e+04	2.18e-04	-480.00	0.0	98.22	-1.27	74.33	5502.97	2.556e+04	-2.366e+04
		-3.536e+04	2.556e+04	-0.01	0.0	160.0	98.22	-481.27	74.33	5502.97	3.746e+04	-3.536e+04
182	319	-7895.93	4.603e+04	2.05e-04	-480.00	0.0	-635.00	417.57	-20.33	-921.71	4.603e+04	-3.921e+04
		-3.921e+04	4.278e+04	-0.02	0.0	160.0	-635.00	-62.43	-20.33	-921.71	4.278e+04	-8222.86
182	323	-2.628e+04	1.766e+04	4.12e-04	-480.00	0.0	-188.80	58.14	75.27	5337.15	5622.28	-2.985e+04
		-4.481e+04	5622.28	-5.01e-03	0.0	160.0	-188.80	-421.86	75.27	5337.15	1.766e+04	-4.481e+04
182	324	-9635.91	3.216e+04	2.42e-04	-480.00	0.0	-722.29	437.39	-19.15	-1107.82	3.216e+04	-3.899e+04
		-3.899e+04	2.909e+04	-0.01	0.0	160.0	-722.29	-42.61	-19.15	-1107.82	2.909e+04	-1.024e+04
182	325	-9365.48	3.144e+04	-3.50e-04	-480.00	0.0	-784.63	466.22	-19.23	-1296.02	3.144e+04	-4.244e+04
		-4.244e+04	2.803e+04	-0.01	0.0	160.0	-784.63	-13.78	-19.23	-1296.02	2.803e+04	-9560.46
182	341	-5922.98	3.427e+04	-1.33e-03	-480.00	0.0	-615.08	481.71	-43.39	-375.86	3.427e+04	-4.230e+04
		-4.230e+04	2.720e+04	-0.01	0.0	160.0	-615.08	1.71	-43.39	-375.86	2.720e+04	-5922.98
182	342	-1.331e+04	3.066e+04	1.48e-03	-480.00	0.0	-891.81	403.32	9.82	-2108.65	2.916e+04	-3.731e+04
		-3.731e+04	2.916e+04	-0.02	0.0	160.0	-891.81	-76.68	9.82	-2108.65	3.066e+04	-1.497e+04
182	343	-5465.48	3.516e+04	-1.32e-03	-480.00	0.0	-552.77	471.46	-48.13	-106.99	3.516e+04	-4.067e+04
		-4.067e+04	2.752e+04	-0.01	0.0	160.0	-552.77	-8.54	-48.13	-106.99	2.752e+04	-5518.20
182	357	-9621.44	3.172e+04	1.77e-04	-480.00	0.0	-756.74	450.77	-18.30	-1303.38	3.172e+04	-4.063e+04
		-4.063e+04	2.862e+04	-0.01	0.0	160.0	-756.74	-29.23	-18.30	-1303.38	2.862e+04	-9991.47
182	373	-8122.41	3.296e+04	-5.48e-04	-480.00	0.0	-675.16	455.48	-28.37	-1060.48	3.296e+04	-4.025e+04
		-4.025e+04	2.836e+04	-0.01	0.0	160.0	-675.16	-24.52	-28.37	-1060.48	2.836e+04	-8380.84
182	374	-1.138e+04	3.092e+04	7.07e-04	-480.00	0.0	-801.45	424.55	-7.55	-1293.46	3.092e+04	-3.857e+04
		-3.857e+04	2.966e+04	-0.01	0.0	160.0	-801.45	-55.45	-7.55	-1293.46	2.966e+04	-1.231e+04
182	375	-7880.21	3.340e+04	-5.46e-04	-480.00	0.0	-643.12	450.23	-30.75	-922.18	3.340e+04	-3.941e+04
		-3.941e+04	2.853e+04	-0.01	0.0	160.0	-643.12	-29.77	-30.75	-922.18	2.853e+04	-8178.04

183	34	1.088e+05	6.317e+05	-8.08e-04	0.0	0.0	-1359.90	8.040e+04	-2878.13	-1.252e+06	6.317e+05	-1.276e+07
		-1.276e+07	1.712e+05	-2.88e-04	0.0	160.0	-1359.90	8.040e+04	-2878.13	-1.252e+06	1.712e+05	1.088e+05
183	41	1.842e+05	-1.610e+05	-8.28e-04	0.0	0.0	-2302.63	9.015e+04	3597.20	1.195e+06	-7.366e+05	-1.424e+07
		-1.424e+07	-7.366e+05	3.29e-04	0.0	160.0	-2302.63	9.015e+04	3597.20	1.195e+06	-1.610e+05	1.842e+05
183	127	5.708e+05	8.581e+04	-3.15e-04	0.0	0.0	-7135.39	5.332e+04	-502.60	4.035e+04	8.581e+04	-7.960e+06
		-7.960e+06	5398.25	6.54e-05	0.0	160.0	-7135.39	5.332e+04	-502.60	4.035e+04	5398.25	5.708e+05
183	197	1.436e+05	6.307e+05	-8.83e-04	0.0	0.0	-1794.80	9.008e+04	-2874.17	-1.252e+06	6.307e+05	-1.427e+07
		-1.427e+07	1.709e+05	-3.05e-04	0.0	160.0	-1794.80	9.008e+04	-2874.17	-1.252e+06	1.709e+05	1.436e+05
183	198	9.153e+04	6.309e+05	-8.51e-04	0.0	0.0	-1144.11	8.032e+04	-2875.18	-1.252e+06	6.309e+05	-1.276e+07
		-1.276e+07	1.709e+05	-3.05e-04	0.0	160.0	-1144.11	8.032e+04	-2875.18	-1.252e+06	1.709e+05	9.153e+04
183	223	5.267e+04	4.712e+05	-2.73e-04	0.0	0.0	-658.40	5.157e+04	-2150.29	-9.261e+05	4.712e+05	-8.199e+06
		-8.199e+06	1.272e+05	-1.79e-04	0.0	160.0	-658.40	5.157e+04	-2150.29	-9.261e+05	1.272e+05	5.267e+04
183	227	6.998e+04	-1.189e+05	-2.64e-04	0.0	0.0	-874.72	5.156e+04	2645.50	8.867e+05	-5.422e+05	-8.180e+06
		-8.180e+06	-5.422e+05	2.78e-04	0.0	160.0	-874.72	5.156e+04	2645.50	8.867e+05	-1.189e+05	6.998e+04
183	270	4.143e+05	6.489e+04	-2.55e-04	0.0	0.0	-5179.28	3.934e+04	-383.63	3.081e+04	6.489e+04	-5.881e+06
		-5.881e+06	3505.15	4.07e-05	0.0	160.0	-5179.28	3.934e+04	-383.63	3.081e+04	3505.15	4.143e+05
183	305	4.116e+04	4.707e+05	-3.01e-04	0.0	0.0	-514.54	5.152e+04	-2148.33	-9.263e+05	4.707e+05	-8.202e+06
		-8.202e+06	1.270e+05	-1.90e-04	0.0	160.0	-514.54	5.152e+04	-2148.33	-9.263e+05	1.270e+05	4.116e+04
183	311	2.723e+05	5.778e+04	-2.26e-04	0.0	0.0	-3404.26	3.011e+04	-362.79	2.919e+04	5.778e+04	-4.546e+06
		-4.546e+06	-265.29	-5.77e-06	0.0	160.0	-3404.26	3.011e+04	-362.79	2.919e+04	-265.29	2.723e+05
183	314	3.568e+04	3.622e+05	-3.47e-04	0.0	0.0	-446.02	4.470e+04	-1686.62	-6.885e+05	3.622e+05	-7.116e+06
		-7.116e+06	9.236e+04	-1.76e-04	0.0	160.0	-446.02	4.470e+04	-1686.62	-6.885e+05	9.236e+04	3.568e+04
183	315	4.866e+04	-9.220e+04	-3.40e-04	0.0	0.0	-608.27	4.469e+04	1910.23	6.712e+05	-3.978e+05	-7.102e+06
		-7.102e+06	-3.978e+05	1.66e-04	0.0	160.0	-608.27	4.469e+04	1910.23	6.712e+05	-9.220e+04	4.866e+04
183	324	1.769e+05	-10.47	-8.06e-05	0.0	0.0	-2210.96	2.414e+04	2.38	26.28	-391.57	-3.686e+06
		-3.686e+06	-391.57	0.0	0.0	160.0	-2210.96	2.414e+04	2.38	26.28	-10.47	1.769e+05
183	350	7.624e+05	1.312e+05	1.18e-03	0.0	0.0	-9529.79	2.447e+04	-374.85	3.967e+04	1.356e+04	-2.820e+06
		-2.820e+06	1.356e+04	1.52e-03	0.0	160.0	-9529.79	2.447e+04	-374.85	3.967e+04	1.312e+05	7.624e+05
183	351	-4.086e+05	-1.435e+04	-1.35e-03	0.0	0.0	5107.87	2.381e+04	379.62	-3.962e+04	-1.435e+04	-4.552e+06
		-4.552e+06	-1.312e+05	-1.52e-03	0.0	160.0	5107.87	2.381e+04	379.62	-3.962e+04	-1.312e+05	-4.086e+05
183	353	-3.476e+05	-7.323e+04	-1.35e-03	0.0	0.0	4345.43	2.140e+04	742.13	-9.502e+04	-7.323e+04	-4.192e+06
		-4.192e+06	-1.356e+05	-1.52e-03	0.0	160.0	4345.43	2.140e+04	742.13	-9.502e+04	-1.356e+05	-3.476e+05
183	355	-4.012e+05	-1.721e+04	-1.34e-03	0.0	0.0	5014.49	2.382e+04	415.80	-4.191e+04	-1.721e+04	-4.555e+06
		-4.555e+06	-1.241e+05	-1.56e-03	0.0	160.0	5014.49	2.382e+04	415.80	-4.191e+04	-1.241e+05	-4.012e+05
183	356	7.014e+05	1.356e+05	1.19e-03	0.0	0.0	-8767.35	2.689e+04	-737.37	9.508e+04	7.245e+04	-3.180e+06
		-3.180e+06	7.245e+04	1.52e-03	0.0	160.0	-8767.35	2.689e+04	-737.37	9.508e+04	1.356e+05	7.014e+05
183	382	4.679e+05	6.510e+04	5.48e-04	0.0	0.0	-5849.27	2.428e+04	-184.40	1.944e+04	6535.67	-3.253e+06
		-3.253e+06	6535.67	7.55e-04	0.0	160.0	-5849.27	2.428e+04	-184.40	1.944e+04	6.510e+04	4.679e+05
183	383	-1.142e+05	-7318.82	-7.09e-04	0.0	0.0	1427.35	2.400e+04	189.16	-1.939e+04	-7318.82	-4.119e+06
		-4.119e+06	-6.512e+04	-7.55e-04	0.0	160.0	1427.35	2.400e+04	189.16	-1.939e+04	-6.512e+04	-1.142e+05
183	385	-8.365e+04	-3.659e+04	-7.13e-04	0.0	0.0	1045.58	2.277e+04	369.30	-4.740e+04	-3.659e+04	-3.934e+06
		-3.934e+06	-6.734e+04	-7.56e-04	0.0	160.0	1045.58	2.277e+04	369.30	-4.740e+04	-6.734e+04	-8.365e+04
183	387	-1.104e+05	-8750.97	-7.04e-04	0.0	0.0	1380.54	2.401e+04	207.16	-2.050e+04	-8750.97	-4.120e+06
		-4.120e+06	-6.155e+04	-7.75e-04	0.0	160.0	1380.54	2.401e+04	207.16	-2.050e+04	-6.155e+04	-1.104e+05
183	388	4.374e+05	6.732e+04	5.51e-04	0.0	0.0	-5467.50	2.552e+04	-364.54	4.746e+04	3.580e+04	-3.438e+06
		-3.438e+06	3.580e+04	7.56e-04	0.0	160.0	-5467.50	2.552e+04	-364.54	4.746e+04	6.732e+04	4.374e+05
184	33	-9.135e+06	9.235e+05	-2.15e-04	0.0	0.0	-8502.29	-1.336e+05	6213.79	1.700e+06	4.264e+05	-9.135e+06
		-9.135e+06	4.264e+05	-1.97e-04	0.0	80.0	-8502.29	-1.336e+05	6213.79	1.700e+06	9.235e+05	-1.983e+07
184	41	-9.115e+06	-5.313e+05	-2.09e-04	0.0	0.0	-8707.13	-1.337e+05	-7883.30	-1.568e+06	-5.313e+05	-9.115e+06
		-9.115e+06	-1.162e+06	2.30e-04	0.0	80.0	-8707.13	-1.337e+05	-7883.30	-1.568e+06	-1.162e+06	-1.981e+07
184	73	-5.042e+06	2.723e+05	-1.07e-04	0.0	0.0	-1.155e+04	-7.869e+04	1452.28	-1.156e+05	1.562e+05	-5.042e+06
		-5.042e+06	1.562e+05	-6.97e-05	0.0	80.0	-1.155e+04	-7.869e+04	1452.28	-1.156e+05	2.723e+05	-1.134e+07
184	122	-3.771e+06	-3.030e+04	2.00e-04	0.0	0.0	1268.90	-4.501e+04	-413.97	3.246e+04	-3.030e+04	-3.771e+06
		-3.771e+06	-6.342e+04	6.70e-05	0.0	80.0	1268.90	-4.501e+04	-413.97	3.246e+04	-6.342e+04	-3.772e+06
184	198	-7.700e+06	9.255e+05	-2.43e-04	0.0	0.0	-7452.79	-1.160e+05	6218.39	1.700e+06	4.280e+05	-7.700e+06
		-7.700e+06	4.280e+05	-2.06e-04	0.0	80.0	-7452.79	-1.160e+05	6218.39	1.700e+06	9.255e+05	-1.698e+07
184	206	-3.243e+06	-373.94	1.77e-05	0.0	0.0	-5470.13	-4.509e+04	-2.87	-198.49	-373.94	-3.243e+06
		-3.243e+06	-603.69	0.0	0.0	80.0	-5470.13	-4.509e+04	-2.87	-198.49	-603.69	-6.851e+06
184	223	-6.362e+06	6.846e+05	-1.33e-05	0.0	0.0	-4200.73	-8.713e+04	4628.62	1.257e+06	3.143e+05	-6.362e+06
		-6.362e+06	3.143e+05	-1.30e-04	0.0	80.0	-4200.73	-8.713e+04	4628.62	1.257e+06	6.846e+05	-1.333e+07
184	227	-6.347e+06	-3.952e+05	-8.96e-06	0.0	0.0	-4352.47	-8.713e+04	-5813.67	-1.164e+06	-3.952e+05	-6.347e+06
		-6.347e+06	-8.602e+05	1.87e-04	0.0	80.0	-4352.47	-8.713e+04	-5813.67	-1.164e+06	-8.602e+05	-1.332e+07
184	243	-3.330e+06	2.022e+05	6.65e-05	0.0	0.0	-6457.40	-4.642e+04	1101.57	-8.781e+04	1.141e+05	-3.330e+06
		-3.330e+06	1.141e+05	-3.50e-05	0.0	80.0	-6457.40	-4.642e+04	1101.57	-8.781e+04	2.022e+05	-7.043e+06
184	267	-3.768e+06	-2.030e+04	1.40e-04	0.0	0.0	-1084.09	-4.637e+04	-275.89	2.148e+04	-2.030e+04	-3.768e+06
		-3.768e+06	-4.237e+04	4.47e-05	0.0	80.0	-1084.09	-4.637e+04	-275.89	2.148e+04	-4.237e+04	-7.478e+06
184	289	-3.814e+06	1.338e+05	-7.07e-05	0.0	0.0	-7713.62	-5.823e+04	859.44	-6.919e+04	6.508e+04	-3.814e+06
		-3.814e+06	6.508e+04	1.79e-06	0.0	80.0	-7713.62	-5.823e+04	859.44	-6.919e+04	1.338e+05	-8.472e+06
184	305	-6.336e+06	6.857e+05	-2.73e-05	0.0	0.0	-4882.54	-8.719e+04	4630.93	1.257e+06	3.153e+05	-6.336e+06
		-6.336e+06	3.153e+05	-1.35e-04	0.0	80.0	-4882.54	-8.719e+04	4630.93	1.257e+06	6.857e+05	-1.331e+07
184	310	-3.637e+06	-5508.71	9.90e-05	0.0	0.0	-2812.16	-4.643e+04	-14.81	642.80	-5508.71	-3.637e+06
		-3.637e+06	-6693.24	2.89e-05	0.0	80.0	-2812.16	-4.643e+04	-14.81	642.80	-6693.24	-7.351e+06
184	314	-5.438e+06	5.422e+05	-6.58e-05	0.0	0.0	-6877.16	-7.694e+04	3670.73	9.270e+05	2.485e+05	-5.438e+06
		-5.438e+06	2.485e+05	-1.19e-04	0.0	80.0	-6877.16	-7.694e+04	3670.73	9.270e+05	5.422e+05	-1.159e+07
184	315	-5.427e+06	-2.836e+05	-6.26e-05	0.0	0.0	-6990.96	-7.694e+04	-4160.99	-8.887e+05	-2.836e+05	-5.427e+06
		-5.427e+06	-6.164e+05	1.18e-04	0.0	80.0	-6990.96	-7.694e+04	-4160.99	-8.887e+05	-6.164e+05	-1.158e+07
184	319	-3.164e+06	1.804e+05	-5.98e-06	0.0	0.0	-8569.66	-4.641e+04	1025.44	-8.183e+04	9.838e+04	-3.164e+06

		-6.877e+06	9.838e+04	-4.83e-05	0.0	80.0	-8569.66	-4.641e+04	1025.44	-8.183e+04	1.804e+05	-6.877e+06
184	324	-3.417e+06	-397.64	1.84e-05	0.0	0.0	-5575.24	-4.642e+04	-2.96	-205.18	-397.64	-3.417e+06
		-7.131e+06	-634.16	0.0	0.0	80.0	-5575.24	-4.642e+04	-2.96	-205.18	-634.16	-7.131e+06
184	350	-4.816e+06	-2.238e+05	6.46e-04	0.0	0.0	1.173e+04	-5.070e+04	-1922.31	2.150e+05	-3.076e+05	-4.816e+06
		-8.458e+06	-3.076e+05	7.54e-04	0.0	80.0	1.173e+04	-5.070e+04	-1922.31	2.150e+05	-2.238e+05	-8.458e+06
184	351	-2.018e+06	3.068e+05	-6.09e-04	0.0	0.0	-2.288e+04	-4.215e+04	1916.40	-2.154e+05	3.068e+05	-2.018e+06
		-5.804e+06	2.225e+05	-7.54e-04	0.0	80.0	-2.288e+04	-4.215e+04	1916.40	-2.154e+05	2.225e+05	-5.804e+06
184	352	-5.180e+06	-9.762e+04	6.41e-04	0.0	0.0	1.370e+04	-4.605e+04	-1082.11	9.590e+04	-2.469e+05	-5.180e+06
		-9.174e+06	-2.469e+05	7.74e-04	0.0	80.0	1.370e+04	-4.605e+04	-1082.11	9.590e+04	-9.762e+04	-9.174e+06
184	353	-1.653e+06	2.495e+05	-8.33e-04	0.0	0.0	-2.511e+04	-4.216e+04	1018.56	-9.229e+04	2.495e+05	-1.653e+06
		-5.093e+06	9.448e+04	-7.54e-04	0.0	80.0	-2.511e+04	-4.216e+04	1018.56	-9.229e+04	9.448e+04	-5.093e+06
184	356	-5.181e+06	-9.575e+04	8.70e-04	0.0	0.0	1.395e+04	-5.068e+04	-1024.47	9.188e+04	-2.503e+05	-5.181e+06
		-9.169e+06	-2.503e+05	7.54e-04	0.0	80.0	1.395e+04	-5.068e+04	-1024.47	9.188e+04	-9.575e+04	-9.169e+06
184	382	-4.109e+06	-1.115e+05	3.30e-04	0.0	0.0	3020.83	-4.857e+04	-956.12	1.071e+05	-1.529e+05	-4.109e+06
		-7.783e+06	-1.529e+05	3.74e-04	0.0	80.0	3020.83	-4.857e+04	-956.12	1.071e+05	-1.115e+05	-7.783e+06
184	383	-2.725e+06	1.521e+05	-2.93e-04	0.0	0.0	-1.417e+04	-4.427e+04	950.20	-1.076e+05	1.521e+05	-2.725e+06
		-6.478e+06	1.102e+05	-3.74e-04	0.0	80.0	-1.417e+04	-4.427e+04	950.20	-1.076e+05	1.102e+05	-6.478e+06
184	384	-4.296e+06	-4.876e+04	3.28e-04	0.0	0.0	4007.35	-4.620e+04	-537.11	4.690e+04	-1.227e+05	-4.296e+06
		-8.151e+06	-1.227e+05	3.84e-04	0.0	80.0	4007.35	-4.620e+04	-537.11	4.690e+04	-4.876e+04	-8.151e+06
184	385	-2.537e+06	1.237e+05	-4.08e-04	0.0	0.0	-1.528e+04	-4.428e+04	502.69	-4.536e+04	1.237e+05	-2.537e+06
		-6.113e+06	4.656e+04	-3.74e-04	0.0	80.0	-1.528e+04	-4.428e+04	502.69	-4.536e+04	4.656e+04	-6.113e+06
184	388	-4.296e+06	-4.782e+04	4.45e-04	0.0	0.0	4134.09	-4.856e+04	-508.60	4.495e+04	-1.244e+05	-4.296e+06
		-8.149e+06	-1.244e+05	3.74e-04	0.0	80.0	4134.09	-4.856e+04	-508.60	4.495e+04	-4.782e+04	-8.149e+06
185	36	-1.198e+05	4.683e+05	4.75e-05	0.0	0.0	1498.07	-4.276e+04	2271.09	5.350e+05	4.683e+05	-1.198e+05
		-6.962e+06	1.049e+05	-2.65e-04	0.0	160.0	1498.07	-4.276e+04	2271.09	5.350e+05	4.683e+05	-6.962e+06
185	41	1.877e+04	-1.329e+05	-3.01e-04	0.0	0.0	-234.68	-6.132e+04	-3836.07	-6.509e+05	-1.329e+05	1.877e+04
		-9.793e+06	-7.467e+05	5.24e-04	0.0	160.0	-234.68	-6.132e+04	-3836.07	-6.509e+05	-7.467e+05	-9.793e+06
185	73	4.682e+05	1.166e+05	-1.51e-04	0.0	0.0	-5852.94	-3.728e+04	600.39	-4.796e+04	2.056e+04	4.682e+05
		-5.497e+06	2.056e+04	-1.52e-04	0.0	160.0	-5852.94	-3.728e+04	600.39	-4.796e+04	1.166e+05	-5.497e+06
185	197	3.283e+04	6.383e+05	-3.55e-04	0.0	0.0	-410.32	-6.161e+04	3109.32	7.092e+05	1.408e+05	3.283e+04
		-9.825e+06	1.408e+05	-4.66e-04	0.0	160.0	-410.32	-6.161e+04	3109.32	7.092e+05	6.383e+05	-9.825e+06
185	198	-1.923e+04	6.385e+05	-3.88e-04	0.0	0.0	240.37	-5.185e+04	3110.33	7.092e+05	1.408e+05	-1.923e+04
		-8.316e+06	1.408e+05	-4.66e-04	0.0	160.0	240.37	-5.185e+04	3110.33	7.092e+05	6.385e+05	-8.316e+06
185	223	-1.040e+05	4.724e+05	5.53e-05	0.0	0.0	1299.87	-4.186e+04	2308.94	5.247e+05	1.030e+05	-1.040e+05
		-6.802e+06	1.030e+05	-2.99e-04	0.0	160.0	1299.87	-4.186e+04	2308.94	5.247e+05	4.724e+05	-6.802e+06
185	227	-9.426e+04	-9.951e+04	6.38e-05	0.0	0.0	1178.20	-4.185e+04	-2833.62	-4.830e+05	-9.951e+04	-9.426e+04
		-6.790e+06	-5.529e+05	4.22e-04	0.0	160.0	1178.20	-4.185e+04	-2833.62	-4.830e+05	-5.529e+05	-6.790e+06
185	289	3.150e+05	6.334e+04	-9.31e-05	0.0	0.0	-3937.09	-2.769e+04	377.40	-2.987e+04	2955.37	3.150e+05
		-4.116e+06	2955.37	-2.55e-06	0.0	160.0	-3937.09	-2.769e+04	377.40	-2.987e+04	6.334e+04	-4.116e+06
185	305	-8.586e+04	4.729e+05	2.84e-05	0.0	0.0	1073.27	-4.204e+04	2310.89	5.245e+05	1.032e+05	-8.586e+04
		-6.813e+06	1.032e+05	-3.10e-04	0.0	160.0	1073.27	-4.204e+04	2310.89	5.245e+05	4.729e+05	-6.813e+06
185	311	2.961e+05	5.929e+04	-4.38e-05	0.0	0.0	-3701.57	-2.546e+04	368.54	-2.946e+04	327.14	2.961e+05
		-3.777e+06	327.14	-2.45e-05	0.0	160.0	-3701.57	-2.546e+04	368.54	-2.946e+04	5.929e+04	-3.777e+06
185	314	3.756e+04	3.671e+05	-6.10e-05	0.0	0.0	-469.46	-3.743e+04	1820.75	3.862e+05	7.581e+04	3.756e+04
		-5.951e+06	7.581e+04	-2.70e-04	0.0	160.0	-469.46	-3.743e+04	1820.75	3.862e+05	3.671e+05	-5.951e+06
185	315	4.486e+04	-7.607e+04	-5.46e-05	0.0	0.0	-560.71	-3.742e+04	-2036.17	-3.695e+05	-7.607e+04	4.486e+04
		-5.942e+06	-4.019e+05	2.71e-04	0.0	160.0	-560.71	-3.742e+04	-2036.17	-3.695e+05	-4.019e+05	-5.942e+06
185	324	1.769e+05	-10.49	8.06e-05	0.0	0.0	-2210.96	-2.414e+04	-2.38	-26.29	-10.49	1.769e+05
		-3.686e+06	-391.57	0.0	0.0	160.0	-2210.96	-2.414e+04	-2.38	-26.29	-391.57	-3.686e+06
185	350	-3.476e+05	-7.324e+04	1.35e-03	0.0	0.0	4345.43	-2.140e+04	-742.13	9.502e+04	-1.356e+05	-3.476e+05
		-4.192e+06	-1.356e+05	1.52e-03	0.0	160.0	4345.43	-2.140e+04	-742.13	9.502e+04	-7.324e+04	-4.192e+06
185	351	7.014e+05	1.356e+05	-1.19e-03	0.0	0.0	-8767.35	-2.689e+04	737.36	-9.508e+04	1.356e+05	7.014e+05
		-3.180e+06	7.245e+04	-1.52e-03	0.0	160.0	-8767.35	-2.689e+04	737.36	-9.508e+04	7.245e+04	-3.180e+06
185	352	-4.012e+05	-1.721e+04	1.34e-03	0.0	0.0	5014.49	-2.382e+04	-415.79	4.191e+04	-1.241e+05	-4.012e+05
		-4.555e+06	-1.241e+05	1.56e-03	0.0	160.0	5014.49	-2.382e+04	-415.79	4.191e+04	-1.721e+04	-4.555e+06
185	353	7.624e+05	1.312e+05	-1.18e-03	0.0	0.0	-9529.79	-2.447e+04	374.85	-3.967e+04	1.312e+05	7.624e+05
		-2.820e+06	1.357e+04	-1.52e-03	0.0	160.0	-9529.79	-2.447e+04	374.85	-3.967e+04	1.357e+04	-2.820e+06
185	356	-4.486e+05	-1.435e+04	1.35e-03	0.0	0.0	5107.87	-2.381e+04	-379.61	3.962e+04	-1.312e+05	-4.486e+05
		-4.552e+06	-1.312e+05	1.52e-03	0.0	160.0	5107.87	-2.381e+04	-379.61	3.962e+04	-1.435e+04	-4.552e+06
185	382	-8.365e+04	-3.659e+04	7.13e-04	0.0	0.0	1045.58	-2.277e+04	-369.30	4.740e+04	-6.734e+04	-8.365e+04
		-3.934e+06	-6.734e+04	7.56e-04	0.0	160.0	1045.58	-2.277e+04	-369.30	4.740e+04	-3.659e+04	-3.934e+06
185	383	4.374e+05	6.732e+04	-5.51e-04	0.0	0.0	-5467.50	-2.552e+04	364.54	-4.746e+04	6.732e+04	4.374e+05
		-3.438e+06	3.580e+04	-7.56e-04	0.0	160.0	-5467.50	-2.552e+04	364.54	-4.746e+04	3.580e+04	-3.438e+06
185	384	-1.104e+05	-8751.37	7.04e-04	0.0	0.0	1380.54	-2.401e+04	-207.15	2.050e+04	-6.155e+04	-1.104e+05
		-4.120e+06	-6.155e+04	7.75e-04	0.0	160.0	1380.54	-2.401e+04	-207.15	2.050e+04	-8751.37	-4.120e+06
185	385	4.679e+05	6.510e+04	-5.48e-04	0.0	0.0	-5849.27	-2.428e+04	184.40	-1.944e+04	6.510e+04	4.679e+05
		-3.253e+06	6536.08	-7.55e-04	0.0	160.0	-5849.27	-2.428e+04	184.40	-1.944e+04	6536.08	-3.253e+06
185	388	-1.142e+05	-7319.22	7.09e-04	0.0	0.0	1427.35	-2.400e+04	-189.16	1.939e+04	-6.512e+04	-1.142e+05
		-4.119e+06	-6.512e+04	7.55e-04	0.0	160.0	1427.35	-2.400e+04	-189.16	1.939e+04	-7319.22	-4.119e+06
186	57	1.854e+05	6.300e+05	-8.28e-04	0.0	0.0	-2317.47	9.016e+04	-2879.54	-1.252e+06	6.300e+05	-1.424e+07
		-1.424e+07	1.692e+05	-3.31e-04	0.0	160.0	-2317.47	9.016e+04	-2879.54	-1.252e+06	1.692e+05	-1.424e+07
186	58	1.334e+05	6.300e+05	-7.95e-04	0.0	0.0	-1666.93	8.040e+04	-2879.63	-1.252e+06	6.300e+05	-1.273e+07
		-1.273e+07	1.692e+05	-3.31e-04	0.0	160.0	-1666.93	8.040e+04	-2879.63	-1.252e+06	1.692e+05	-1.334e+05
186	65	2.622e+05	-8.161e+04	-7.15e-04	0.0	0.0	-3278.06	8.136e+04	2236.17	5.594e+05	-4.394e+05	-1.275e+07
		-1.275e+07	-4.394e+05	2.82e-04	0.0	160.0	-3278.06	8.136e+04	2236.17	5.594e+05	-8.161e+04	-1.275e+07
186	149	6.110e+05	1.895e+04	-3.88e-04	0.0	0.0	-7637.46	5.326e+04	2806.03	-2.230e+05	-4.300e+05	6.110e+05
		-7.910e+06	-4.300e+05	1.09e-04	0.0	160.0	-7637.46	5.326e+04	2806.03	-2.230e+05	1.895e+04	-7.910e+06

186	235	7.316e+04	4.695e+05	-2.55e-04	0.0	0.0	-914.54	5.157e+04	-2154.99	-9.260e+05	4.695e+05	-8.177e+06
		-8.177e+06	1.247e+05	-2.46e-04	0.0	160.0	-914.54	5.157e+04	-2154.99	-9.260e+05	1.247e+05	7.316e+04
186	239	1.301e+05	-6.108e+04	-1.72e-04	0.0	0.0	-1626.08	4.504e+04	1634.42	4.161e+05	-3.226e+05	-7.077e+06
		-7.077e+06	-3.226e+05	2.08e-04	0.0	160.0	-1626.08	4.504e+04	1634.42	4.161e+05	-6.108e+04	1.301e+05
186	270	4.375e+05	1.386e+05	-2.47e-04	0.0	0.0	-5469.01	3.934e+04	-844.18	6.691e+04	1.386e+05	-5.857e+06
		-5.857e+06	3556.14	1.61e-05	0.0	160.0	-5469.01	3.934e+04	-844.18	6.691e+04	3556.14	4.375e+05
186	311	2.782e+05	1.212e+05	-2.27e-04	0.0	0.0	-3478.00	3.012e+04	-752.48	5.985e+04	1.212e+05	-4.540e+06
		-4.540e+06	759.44	1.59e-05	0.0	160.0	-3478.00	3.012e+04	-752.48	5.985e+04	759.44	2.782e+05
186	317	3.894e+04	3.693e+05	-3.43e-04	0.0	0.0	-486.69	4.470e+04	-1735.07	-6.849e+05	3.693e+05	-7.114e+06
		-7.114e+06	9.169e+04	-1.80e-04	0.0	160.0	-486.69	4.470e+04	-1735.07	-6.849e+05	9.169e+04	3.894e+04
186	318	8.163e+04	-4.767e+04	-2.80e-04	0.0	0.0	-1020.35	3.981e+04	1106.99	3.217e+05	-2.248e+05	-6.288e+06
		-6.288e+06	-2.248e+05	1.60e-04	0.0	160.0	-1020.35	3.981e+04	1106.99	3.217e+05	-4.767e+04	8.163e+04
186	324	1.768e+05	-0.28	-8.06e-05	0.0	0.0	-2210.55	2.415e+04	0.24	-19.59	-38.07	-3.687e+06
		-3.687e+06	-38.07	0.0	0.0	160.0	-2210.55	2.415e+04	0.24	-19.59	-0.28	1.768e+05
186	325	6.506e+04	6856.75	-4.42e-04	0.0	0.0	-813.24	2.205e+04	952.68	-1.376e+05	-1.465e+05	-3.738e+06
		-3.738e+06	-1.465e+05	-3.14e-04	0.0	160.0	-813.24	2.205e+04	952.68	-1.376e+05	6856.75	6.506e+04
186	328	2.886e+05	1.464e+05	2.81e-04	0.0	0.0	-3607.86	2.625e+04	-952.21	1.376e+05	1.464e+05	-3.636e+06
		-3.636e+06	-6857.30	3.14e-04	0.0	160.0	-3607.86	2.625e+04	-952.21	1.376e+05	-6857.30	2.886e+05
186	347	-3.592e+05	2.296e+04	-1.30e-03	0.0	0.0	4489.87	2.222e+04	168.94	-2.203e+04	-1.201e+04	-4.601e+06
		-4.601e+06	-1.201e+04	-6.27e-04	0.0	160.0	4489.87	2.222e+04	168.94	-2.203e+04	2.296e+04	-3.592e+05
186	350	8.223e+05	-6.188e+04	1.40e-03	0.0	0.0	-1.028e+04	2.526e+04	-30.51	1212.69	-6.188e+04	-2.791e+06
		-2.791e+06	-6.649e+04	-8.34e-04	0.0	160.0	-1.028e+04	2.526e+04	-30.51	1212.69	-6.649e+04	8.223e+05
186	351	-4.686e+05	6.649e+04	-1.56e-03	0.0	0.0	5857.99	2.304e+04	30.99	-1251.87	6.180e+04	-4.583e+06
		-4.583e+06	6.180e+04	8.34e-04	0.0	160.0	5857.99	2.304e+04	30.99	-1251.87	6.649e+04	-4.686e+05
186	357	1.366e+05	-4259.94	-2.24e-04	0.0	0.0	-1706.95	2.323e+04	436.37	-6.477e+04	-7.359e+04	-3.670e+06
		-3.670e+06	-7.359e+04	-2.24e-04	0.0	160.0	-1706.95	2.323e+04	436.37	-6.477e+04	-4259.94	1.366e+05
186	360	2.171e+05	7.352e+04	6.27e-05	0.0	0.0	-2714.15	2.507e+04	-435.90	6.473e+04	7.352e+04	-3.703e+06
		-3.703e+06	4259.39	2.24e-04	0.0	160.0	-2714.15	2.507e+04	-435.90	6.473e+04	4259.39	2.171e+05
186	382	4.977e+05	-3.104e+04	6.56e-04	0.0	0.0	-6221.60	2.469e+04	-13.11	232.61	-3.104e+04	-3.241e+06
		-3.241e+06	-3.300e+04	-4.14e-04	0.0	160.0	-6221.60	2.469e+04	-13.11	232.61	-3.300e+04	4.977e+05
186	383	-1.440e+05	3.300e+04	-8.17e-04	0.0	0.0	1800.50	2.361e+04	13.59	-271.79	3.096e+04	-4.133e+06
		-4.133e+06	3.096e+04	4.14e-04	0.0	160.0	1800.50	2.361e+04	13.59	-271.79	3.300e+04	-1.440e+05
186	387	-1.423e+05	3.820e+04	-8.19e-04	0.0	0.0	1778.51	2.361e+04	43.59	-2133.58	2.790e+04	-4.133e+06
		-4.133e+06	2.790e+04	3.74e-04	0.0	160.0	1778.51	2.361e+04	43.59	-2133.58	3.820e+04	-1.423e+05
187	57	-9.116e+06	9.259e+05	-2.09e-04	0.0	0.0	-8705.71	-1.337e+05	6184.71	1.703e+06	4.311e+05	-9.116e+06
		-9.116e+06	4.311e+05	-2.19e-04	0.0	80.0	-8705.71	-1.337e+05	6184.71	1.703e+06	9.259e+05	-1.981e+07
187	58	-7.720e+06	9.259e+05	-2.16e-04	0.0	0.0	-6633.72	-1.159e+05	6184.91	1.703e+06	4.311e+05	-7.720e+06
		-7.720e+06	4.311e+05	-2.19e-04	0.0	80.0	-6633.72	-1.159e+05	6184.91	1.703e+06	9.259e+05	-1.699e+07
187	122	-3.780e+06	-2.938e+04	2.14e-04	0.0	0.0	1395.79	-4.503e+04	-589.12	4.720e+04	-2.938e+04	-3.780e+06
		-3.780e+06	-2.938e+04	0.0	0.0	80.0	1395.79	-4.503e+04	-589.12	4.720e+04	-7.651e+04	-7.382e+06
187	187	-4.963e+06	-4.557e+05	-1.26e-04	0.0	0.0	-1.303e+04	-7.881e+04	-6002.38	4.791e+05	-4.557e+05	-4.963e+06
		-4.963e+06	-4.557e+05	-1.26e-04	0.0	80.0	-1.303e+04	-7.881e+04	-6002.38	4.791e+05	-9.359e+05	-1.127e+07
187	206	-3.244e+06	-35.41	1.77e-05	0.0	0.0	-5469.48	-4.510e+04	-0.52	41.72	-35.41	-3.244e+06
		-3.244e+06	-35.41	0.0	0.0	80.0	-5469.48	-4.510e+04	-0.52	41.72	-76.94	-6.852e+06
187	235	-6.361e+06	6.919e+05	-4.90e-06	0.0	0.0	-4199.65	-8.714e+04	4620.75	1.259e+06	3.222e+05	-6.361e+06
		-6.361e+06	3.222e+05	-1.63e-04	0.0	80.0	-4199.65	-8.714e+04	4620.75	1.259e+06	6.919e+05	-1.333e+07
187	267	-3.775e+06	-1.951e+04	1.49e-04	0.0	0.0	-998.25	-4.638e+04	-391.25	3.135e+04	-1.951e+04	-3.775e+06
		-3.775e+06	-1.951e+04	0.0	0.0	80.0	-998.25	-4.638e+04	-391.25	3.135e+04	-5.081e+04	-7.485e+06
187	289	-3.780e+06	2.970e+05	-6.93e-05	0.0	0.0	-8097.11	-5.824e+04	1955.10	-1.564e+05	1.406e+05	-3.780e+06
		-3.780e+06	1.406e+05	-7.30e-06	0.0	80.0	-8097.11	-5.824e+04	1955.10	-1.564e+05	2.970e+05	-8.440e+06
187	300	-3.288e+06	-3.346e+05	5.85e-05	0.0	0.0	-7322.06	-4.650e+04	-4406.90	3.518e+05	-3.346e+05	-3.288e+06
		-3.288e+06	-3.346e+05	7.52e-05	0.0	80.0	-7322.06	-4.650e+04	-4406.90	3.518e+05	-6.872e+05	-7.008e+06
187	310	-3.654e+06	777.12	1.05e-04	0.0	0.0	-2602.72	-4.645e+04	-8.54	715.75	777.12	-3.654e+06
		-3.654e+06	777.12	0.0	0.0	80.0	-2602.72	-4.645e+04	-8.54	715.75	93.72	-7.370e+06
187	313	-3.157e+06	-2.359e+05	-5.13e-06	0.0	0.0	-8657.06	-4.642e+04	-3016.62	2.407e+05	-2.359e+05	-3.157e+06
		-3.157e+06	-2.359e+05	-5.13e-06	0.0	80.0	-8657.06	-4.642e+04	-3016.62	2.407e+05	-4.773e+05	-6.871e+06
187	317	-5.440e+06	5.570e+05	-6.41e-05	0.0	0.0	-6857.25	-7.695e+04	3755.29	9.207e+05	2.566e+05	-5.440e+06
		-5.440e+06	2.566e+05	-1.22e-04	0.0	80.0	-6857.25	-7.695e+04	3755.29	9.207e+05	5.570e+05	-1.600e+07
187	324	-3.418e+06	-36.42	1.85e-05	0.0	0.0	-5574.60	-4.643e+04	-0.53	42.93	-36.42	-3.418e+06
		-3.418e+06	-36.42	0.0	0.0	80.0	-5574.60	-4.643e+04	-0.53	42.93	-79.11	-7.132e+06
187	337	-2.641e+06	-1.557e+05	-2.00e-04	0.0	0.0	-1.358e+04	-4.852e+04	-1776.53	2.412e+05	-1.557e+05	-2.641e+06
		-2.641e+06	-1.557e+05	1.85e-04	0.0	80.0	-1.358e+04	-4.852e+04	-1776.53	2.412e+05	-2.973e+05	-6.121e+06
187	340	-4.194e+06	2.971e+05	2.37e-04	0.0	0.0	2434.83	-4.435e+04	1775.46	-2.411e+05	1.557e+05	-4.194e+06
		-4.194e+06	1.557e+05	-1.85e-04	0.0	80.0	2434.83	-4.435e+04	1775.46	-2.411e+05	2.971e+05	-8.144e+06
187	352	-5.370e+06	1.809e+05	7.52e-04	0.0	0.0	1.598e+04	-4.925e+04	-275.25	1.102e+04	1.809e+05	-5.370e+06
		-5.370e+06	1.809e+05	-3.73e-04	0.0	80.0	1.598e+04	-4.925e+04	-275.25	1.102e+04	1.576e+05	-9.289e+06
187	353	-1.463e+06	-1.641e+05	-7.13e-04	0.0	0.0	-2.725e+04	-4.523e+04	180.00	-4554.99	-1.641e+05	-1.463e+06
		-1.463e+06	-1.641e+05	4.13e-04	0.0	80.0	-2.725e+04	-4.523e+04	180.00	-4554.99	-1.641e+05	-4.977e+06
187	356	-5.372e+06	1.783e+05	7.50e-04	0.0	0.0	1.610e+04	-4.764e+04	-181.07	4640.84	1.783e+05	-5.372e+06
		-5.372e+06	1.783e+05	-4.13e-04	0.0	80.0	1.610e+04	-4.764e+04	-181.07	4640.84	1.639e+05	-9.287e+06
187	366	-3.505e+06	-7.371e+04	9.06e-05	0.0	0.0	-4267.98	-4.808e+04	-1037.06	1.374e+05	-7.371e+04	-3.505e+06
		-3.505e+06	-7.371e+04	1.11e-04	0.0	80.0	-4267.98	-4.808e+04	-1037.06	1.374e+05	-1.538e+05	-7.139e+06
187	367	-3.331e+06	1.537e+05	-5.37e-05	0.0	0.0	-6881.21	-4.479e+04	1035.99	-1.373e+05	7.363e+04	-3.331e+06
		-3.331e+06	1.537e+05	-1.11e-04	0.0	80.0	-6881.21	-4.479e+04	1035.99	-1.373e+05	1.537e+05	-7.126e+06
187	384	-4.389e+06	9.003e+04	3.83e-04	0.0	0.0	5139.54	-4.784e+04	-131.49	4635.14	9.003e+04	-4.389e+06
		-4.389e+06	9.003e+04	-1.85e-04	0.0	80.0	5139.54	-4.784e+04	-131.49	4635.14	7.892e+04	-8.206e+06
187	385	-2.445e+06	-8.218e+04	-3.45e-04	0.0	0.0	-1.635e+04	-4.585e+04	83.89	-1413.35	-8.883e+04	-2.445e+06

		-6.060e+06	-8.883e+04	2.05e-04	0.0	80.0	-1.635e+04	-4.585e+04	83.89	-1413.35	-8.218e+04	-6.060e+06
187	388	-4.390e+06	8.876e+04	3.82e-04	0.0	0.0	5200.17	-4.702e+04	-84.96	1499.20	8.876e+04	-4.390e+06
		-8.205e+06	8.202e+04	-2.05e-04	0.0	80.0	5200.17	-4.702e+04	-84.96	1499.20	8.202e+04	-8.205e+06
188	57	1.901e+04	6.375e+05	-3.01e-04	0.0	0.0	-237.66	-6.133e+04	3093.58	7.105e+05	1.425e+05	1.901e+04
		-9.793e+06	1.425e+05	-4.92e-04	0.0	160.0	-237.66	-6.133e+04	3093.58	7.105e+05	6.375e+05	-9.793e+06
188	58	-3.303e+04	6.375e+05	-3.33e-04	0.0	0.0	412.89	-5.157e+04	3093.67	7.105e+05	1.425e+05	-3.303e+04
		-8.284e+06	1.425e+05	-4.92e-04	0.0	160.0	412.89	-5.157e+04	3093.67	7.105e+05	6.375e+05	-8.284e+06
188	60	-1.128e+05	4.677e+05	7.15e-05	0.0	0.0	1409.64	-4.275e+04	2246.40	5.370e+05	1.083e+05	-1.128e+05
		-6.953e+06	1.083e+05	-3.69e-04	0.0	160.0	1409.64	-4.275e+04	2246.40	5.370e+05	4.677e+05	-6.953e+06
188	65	9.213e+04	-6.652e+04	-2.42e-04	0.0	0.0	-1151.56	-5.567e+04	-2307.76	-2.922e+05	-6.652e+04	9.213e+04
		-8.815e+06	-4.358e+05	4.01e-04	0.0	160.0	-1151.56	-5.567e+04	-2307.76	-2.922e+05	-4.358e+05	-8.815e+06
188	187	5.182e+05	-1.095e+04	-1.88e-04	0.0	0.0	-6478.02	-3.753e+04	-2596.75	2.072e+05	-1.095e+04	5.182e+05
		-5.487e+06	-4.264e+05	2.46e-04	0.0	160.0	-6478.02	-3.753e+04	-2596.75	2.072e+05	-4.264e+05	-5.487e+06
188	235	-9.878e+04	4.747e+05	7.20e-05	0.0	0.0	1234.74	-4.185e+04	2307.68	5.250e+05	1.055e+05	-9.878e+04
		-6.796e+06	1.055e+05	-3.66e-04	0.0	160.0	1234.74	-4.185e+04	2307.68	5.250e+05	4.747e+05	-6.796e+06
188	239	-4.462e+04	-4.934e+04	1.16e-04	0.0	0.0	557.77	-3.767e+04	-1693.31	-2.177e+05	-4.934e+04	-4.462e+04
		-6.071e+06	-3.203e+05	2.96e-04	0.0	160.0	557.77	-3.767e+04	-1693.31	-2.177e+05	-3.203e+05	-6.071e+06
188	289	3.334e+05	1.403e+05	-9.05e-05	0.0	0.0	-4167.97	-2.768e+04	861.66	-6.825e+04	2450.81	3.334e+05
		-4.095e+06	2450.81	-2.80e-05	0.0	160.0	-4167.97	-2.768e+04	861.66	-6.825e+04	1.403e+05	-4.095e+06
188	311	3.041e+05	1.227e+05	-4.60e-05	0.0	0.0	-3801.25	-2.546e+04	770.69	-6.124e+04	-567.45	3.041e+05
		-3.769e+06	-567.45	-2.30e-05	0.0	160.0	-3801.25	-2.546e+04	770.69	-6.124e+04	1.227e+05	-3.769e+06
188	317	3.787e+04	3.737e+05	-5.75e-05	0.0	0.0	-473.38	-3.743e+04	1857.14	3.835e+05	7.651e+04	3.787e+04
		-5.951e+06	7.651e+04	-2.76e-04	0.0	160.0	-473.38	-3.743e+04	1857.14	3.835e+05	3.737e+05	-5.951e+06
188	318	7.849e+04	-3.960e+04	-2.46e-05	0.0	0.0	-981.10	-3.429e+04	-1143.61	-1.735e+05	-3.960e+04	7.849e+04
		-5.408e+06	-2.226e+05	2.20e-04	0.0	160.0	-981.10	-3.429e+04	-1143.61	-1.735e+05	-2.226e+05	-5.408e+06
188	324	1.768e+05	0.33	8.06e-05	0.0	0.0	-2210.57	-2.415e+04	-0.23	18.50	0.33	1.768e+05
		-3.687e+06	-36.22	0.0	0.0	160.0	-2210.57	-2.415e+04	-0.23	18.50	-36.22	-3.687e+06
188	334	6.578e+04	6879.95	4.42e-04	0.0	0.0	-822.25	-2.200e+04	-943.60	1.361e+05	6879.95	6.578e+04
		-3.743e+06	-1.449e+05	3.26e-04	0.0	160.0	-822.25	-2.200e+04	-943.60	1.361e+05	-1.449e+05	-3.743e+06
188	335	2.879e+05	1.448e+05	-2.81e-04	0.0	0.0	-3598.88	-2.630e+04	943.14	-1.361e+05	-6879.29	2.879e+05
		-3.631e+06	-6879.29	-3.26e-04	0.0	160.0	-3598.88	-2.630e+04	943.14	-1.361e+05	1.448e+05	-3.631e+06
188	344	-3.568e+05	2.304e+04	1.30e-03	0.0	0.0	4459.87	-2.206e+04	-138.69	1.702e+04	2.304e+04	-3.568e+05
		-4.615e+06	-6540.07	6.65e-04	0.0	160.0	4459.87	-2.206e+04	-138.69	1.702e+04	-6540.07	-4.615e+06
188	353	8.223e+05	-6.188e+04	-1.40e-03	0.0	0.0	-1.028e+04	-2.526e+04	30.51	-1211.84	-6.649e+04	8.223e+05
		-2.791e+06	-6.649e+04	8.34e-04	0.0	160.0	-1.028e+04	-2.526e+04	30.51	-1211.84	-6.188e+04	-2.791e+06
188	356	-4.686e+05	6.649e+04	1.56e-03	0.0	0.0	5857.99	-2.304e+04	-30.96	1248.84	6.649e+04	-4.686e+05
		-4.583e+06	6.180e+04	-8.34e-04	0.0	160.0	5857.99	-2.304e+04	-30.96	1248.84	6.180e+04	-4.583e+06
188	366	1.366e+05	-4259.27	2.24e-04	0.0	0.0	-1706.97	-2.323e+04	-436.37	6.477e+04	-4259.27	1.366e+05
		-3.670e+06	-7.359e+04	2.24e-04	0.0	160.0	-1706.97	-2.323e+04	-436.37	6.477e+04	-7.359e+04	-3.670e+06
188	367	2.171e+05	7.352e+04	-6.27e-05	0.0	0.0	-2714.16	-2.507e+04	435.91	-6.473e+04	4259.93	2.171e+05
		-3.703e+06	4259.93	-2.24e-04	0.0	160.0	-2714.16	-2.507e+04	435.91	-6.473e+04	7.352e+04	-3.703e+06
188	384	-1.423e+05	3.820e+04	8.19e-04	0.0	0.0	1778.50	-2.361e+04	-43.58	2131.53	3.820e+04	-1.423e+05
		-4.133e+06	2.790e+04	-3.74e-04	0.0	160.0	1778.50	-2.361e+04	-43.58	2131.53	2.790e+04	-4.133e+06
188	385	4.977e+05	-3.104e+04	-6.56e-04	0.0	0.0	-6221.62	-2.469e+04	13.11	-232.74	-3.300e+04	4.977e+05
		-3.241e+06	-3.300e+04	4.14e-04	0.0	160.0	-6221.62	-2.469e+04	13.11	-232.74	-3.104e+04	-3.241e+06
188	388	-1.440e+05	3.300e+04	8.17e-04	0.0	0.0	1800.49	-2.361e+04	-13.57	269.74	3.300e+04	-1.440e+05
		-4.133e+06	3.097e+04	-4.14e-04	0.0	160.0	1800.49	-2.361e+04	-13.57	269.74	3.097e+04	-4.133e+06
189	50	5.298e+05	2.085e+04	-4.05e-04	0.0	0.0	-6622.72	4.322e+04	2028.43	-1.611e+05	-3.037e+05	5.298e+05
		-6.386e+06	-3.037e+05	1.19e-04	0.0	160.0	-6622.72	4.322e+04	2028.43	-1.611e+05	2.085e+04	-6.386e+06
189	81	2.063e+05	6.487e+05	-8.27e-04	0.0	0.0	-2578.82	9.014e+04	-2993.40	-1.243e+06	6.487e+05	-1.422e+07
		-1.422e+07	1.698e+05	-3.26e-04	0.0	160.0	-2578.82	9.014e+04	-2993.40	-1.243e+06	1.698e+05	-1.422e+07
189	82	1.543e+05	6.487e+05	-7.94e-04	0.0	0.0	-1928.28	8.038e+04	-2993.32	-1.243e+06	6.487e+05	-1.271e+07
		-1.271e+07	1.698e+05	-3.26e-04	0.0	160.0	-1928.28	8.038e+04	-2993.32	-1.243e+06	1.698e+05	-1.271e+07
189	149	6.389e+05	3551.80	-3.00e-04	0.0	0.0	-7985.79	5.328e+04	1785.01	-1.423e+05	-2.821e+05	6.389e+05
		-7.886e+06	-2.821e+05	-3.26e-05	0.0	160.0	-7985.79	5.328e+04	1785.01	-1.423e+05	3551.80	-7.886e+06
189	231	3.657e+05	1.538e+04	3.38e-05	0.0	0.0	-4570.81	2.403e+04	1486.51	-1.180e+05	-2.225e+05	3.657e+05
		-3.479e+06	-2.225e+05	8.97e-05	0.0	160.0	-4570.81	2.403e+04	1486.51	-1.180e+05	1.538e+04	-3.479e+06
189	247	8.748e+04	4.830e+05	-2.55e-04	0.0	0.0	-1093.44	5.155e+04	-2233.30	-9.197e+05	4.830e+05	8.748e+04
		-8.161e+06	1.257e+05	-2.40e-04	0.0	160.0	-1093.44	5.155e+04	-2233.30	-9.197e+05	1.257e+05	-8.161e+06
189	270	4.430e+05	2.346e+05	-2.95e-04	0.0	0.0	-5538.02	3.931e+04	-1495.95	1.185e+05	2.346e+05	-5.847e+06
		-5.847e+06	-4795.67	-6.73e-05	0.0	160.0	-5538.02	3.931e+04	-1495.95	1.185e+05	-4795.67	-5.847e+06
189	311	2.748e+05	1.935e+05	-2.64e-04	0.0	0.0	-3434.83	3.010e+04	-1247.93	9.904e+04	1.935e+05	-2.748e+05
		-4.541e+06	-6145.46	-4.89e-05	0.0	160.0	-3434.83	3.010e+04	-1247.93	9.904e+04	-6145.46	-4.541e+06
189	316	2.507e+05	8937.65	-1.26e-04	0.0	0.0	-3133.96	2.406e+04	988.39	-7.831e+04	-1.492e+05	2.507e+05
		-3.598e+06	-1.492e+05	6.87e-05	0.0	160.0	-3133.96	2.406e+04	988.39	-7.831e+04	8937.65	-3.598e+06
189	320	4.207e+04	3.799e+05	-3.43e-04	0.0	0.0	-525.94	4.470e+04	-1801.47	-6.796e+05	3.799e+05	-7.110e+06
		-7.110e+06	9.168e+04	-1.79e-04	0.0	160.0	-525.94	4.470e+04	-1801.47	-6.796e+05	9.168e+04	-7.110e+06
189	324	1.768e+05	36.19	-8.06e-05	0.0	0.0	-2210.55	2.415e+04	-0.23	17.32	36.19	-3.687e+06
		-3.687e+06	-0.26	0.0	0.0	160.0	-2210.55	2.415e+04	-0.23	17.32	-0.26	-3.687e+06
189	341	-6.867e+05	-1.273e+05	-1.98e-03	0.0	0.0	8583.38	2.263e+04	-1235.79	1.466e+05	-1.273e+05	-6.867e+05
		-4.823e+06	-3.138e+05	-3.08e-03	0.0	160.0	8583.38	2.263e+04	-1235.79	1.466e+05	-3.138e+05	-4.823e+06
189	344	1.040e+06	3.138e+05	1.82e-03	0.0	0.0	-1.300e+04	2.567e+04	1235.34	-1.465e+05	1.274e+05	-2.551e+06
		-2.551e+06	1.274e+05	3.08e-03	0.0	160.0	-1.300e+04	2.567e+04	1235.34	-1.465e+05	3.138e+05	-2.551e+06
189	345	-6.832e+05	-1.212e+05	-1.99e-03	0.0	0.0	8539.51	2.263e+04	-1296.40	1.504e+05	-1.212e+05	-6.832e+05
		-4.824e+06	-3.242e+05	-3.00e-03	0.0	160.0	8539.51	2.263e+04	-1296.40	1.504e+05	-3.242e+05	-4.824e+06
189	348	1.037e+06	3.242e+05	1.82e-03	0.0	0.0	-1.296e+04	2.566e+04	1295.95	-1.503e+05	1.212e+05	-2.550e+06
		-2.550e+06	1.212e+05	3.00e-03	0.0	160.0	-1.296e+04	2.566e+04	1295.95	-1.503e+05	3.242e+05	-2.550e+06

189	362	2.171e+05	-4259.82	6.27e-05	0.0	0.0	-2714.15	2.507e+04	435.91	-6.473e+04	-7.352e+04	-3.703e+06
		-3.703e+06	-7.352e+04	-2.24e-04	0.0	160.0	-2714.15	2.507e+04	435.91	-6.473e+04	-4259.82	2.171e+05
189	363	1.366e+05	7.359e+04	-2.24e-04	0.0	0.0	-1706.95	2.323e+04	-436.37	6.476e+04	7.359e+04	3.670e+06
		-3.670e+06	4259.31	2.24e-04	0.0	160.0	-1706.95	2.323e+04	-436.37	6.476e+04	4259.31	1.366e+05
189	373	-1.440e+05	-3.096e+04	-8.17e-04	0.0	0.0	1800.50	2.361e+04	-13.57	269.16	-3.096e+04	-4.133e+06
		-4.133e+06	-3.300e+04	-4.14e-04	0.0	160.0	1800.50	2.361e+04	-13.57	269.16	-3.300e+04	-1.440e+05
189	376	4.977e+05	3.300e+04	6.56e-04	0.0	0.0	-6221.60	2.469e+04	13.12	-234.51	3.104e+04	-3.241e+06
		-3.241e+06	3.104e+04	4.14e-04	0.0	160.0	-6221.60	2.469e+04	13.12	-234.51	3.300e+04	4.977e+05
189	377	-1.423e+05	-2.790e+04	-8.19e-04	0.0	0.0	1778.51	2.361e+04	-43.58	2130.95	-2.790e+04	-4.133e+06
		-4.133e+06	-3.820e+04	-3.74e-04	0.0	160.0	1778.51	2.361e+04	-43.58	2130.95	-3.820e+04	-1.423e+05
190	50	-3.604e+06	-3.293e+05	-1.12e-04	0.0	0.0	-9961.65	-6.092e+04	-4137.08	3.298e+05	-3.293e+05	-3.604e+06
		-8.478e+06	-6.603e+05	9.26e-05	0.0	80.0	-9961.65	-6.092e+04	-4137.08	3.298e+05	-6.603e+05	-8.478e+06
190	81	-9.076e+06	9.664e+05	-2.09e-04	0.0	0.0	-9168.80	-1.337e+05	6465.33	1.681e+06	4.492e+05	-9.076e+06
		-1.977e+07	4.492e+05	-2.18e-04	0.0	80.0	-9168.80	-1.337e+05	6465.33	1.681e+06	9.664e+05	-1.977e+07
190	122	-3.750e+06	-3.304e+04	2.14e-04	0.0	0.0	1054.48	-4.503e+04	-551.36	4.404e+04	-3.304e+04	-3.750e+06
		-7.352e+06	-7.715e+04	3.04e-06	0.0	80.0	1054.48	-4.503e+04	-551.36	4.404e+04	-7.715e+04	-7.352e+06
190	165	-5.004e+06	6.805e+05	-1.15e-04	0.0	0.0	-1.252e+04	-7.882e+04	4263.57	-3.403e+05	3.394e+05	-5.004e+06
		-1.131e+07	3.394e+05	-8.07e-05	0.0	80.0	-1.252e+04	-7.882e+04	4263.57	-3.403e+05	6.805e+05	-1.131e+07
190	206	-3.244e+06	77.19	1.77e-05	0.0	0.0	-5469.48	-4.510e+04	0.51	-40.49	36.51	-3.244e+06
		-6.852e+06	36.51	0.0	0.0	80.0	-5469.48	-4.510e+04	0.51	-40.49	77.19	-6.852e+06
190	231	-3.314e+06	-2.420e+05	7.23e-05	0.0	0.0	-6638.50	-4.643e+04	-3015.98	2.404e+05	-2.420e+05	-3.314e+06
		-7.028e+06	-4.833e+05	6.90e-05	0.0	80.0	-6638.50	-4.643e+04	-3015.98	2.404e+05	-4.833e+05	-7.028e+06
190	247	-6.333e+06	7.217e+05	-4.91e-06	0.0	0.0	-4516.39	-8.714e+04	4837.51	1.241e+06	3.347e+05	-6.333e+06
		-1.330e+07	3.347e+05	-1.61e-04	0.0	80.0	-4516.39	-8.714e+04	4837.51	1.241e+06	7.217e+05	-1.330e+07
190	252	-5.375e+06	-2.274e+05	9.95e-05	0.0	0.0	-637.91	-6.817e+04	-1233.00	-7.713e+05	-2.274e+05	-5.375e+06
		-1.083e+07	-3.261e+05	5.09e-04	0.0	80.0	-637.91	-6.817e+04	-1233.00	-7.713e+05	-3.261e+05	-1.083e+07
190	289	-3.664e+06	5.100e+05	-9.36e-05	0.0	0.0	-9515.84	-5.823e+04	3201.36	-2.555e+05	2.539e+05	-3.664e+06
		-8.322e+06	2.539e+05	-6.00e-05	0.0	80.0	-9515.84	-5.823e+04	3201.36	-2.555e+05	5.100e+05	-8.322e+06
190	310	-3.654e+06	-93.81	1.05e-04	0.0	0.0	-2602.72	-4.645e+04	8.53	-714.30	-776.23	-3.654e+06
		-7.370e+06	-776.23	0.0	0.0	80.0	-2602.72	-4.645e+04	8.53	-714.30	-93.81	-7.370e+06
190	311	-3.334e+06	4.208e+05	-6.31e-05	0.0	0.0	-9224.12	-5.111e+04	2682.06	-2.141e+05	2.063e+05	-3.334e+06
		-7.423e+06	2.063e+05	-4.59e-05	0.0	80.0	-9224.12	-5.111e+04	2682.06	-2.141e+05	4.208e+05	-7.423e+06
190	316	-3.170e+06	-1.653e+05	-6.12e-06	0.0	0.0	-8516.48	-4.642e+04	-1984.01	1.581e+05	-1.653e+05	-3.170e+06
		-6.883e+06	-3.241e+05	5.05e-05	0.0	80.0	-8516.48	-4.642e+04	-1984.01	1.581e+05	-3.241e+05	-6.883e+06
190	320	-5.434e+06	5.796e+05	-6.41e-05	0.0	0.0	-6924.90	-7.695e+04	3906.11	9.087e+05	2.672e+05	-5.434e+06
		-1.159e+07	2.672e+05	-1.22e-04	0.0	80.0	-6924.90	-7.695e+04	3906.11	9.087e+05	5.796e+05	-1.159e+07
190	324	-3.418e+06	79.36	1.85e-05	0.0	0.0	-5574.59	-4.643e+04	0.52	-41.58	37.54	-3.418e+06
		-7.132e+06	37.54	0.0	0.0	80.0	-5574.59	-4.643e+04	0.52	-41.58	79.36	-7.132e+06
190	342	-6.014e+06	-3.684e+05	9.76e-04	0.0	0.0	2.422e+04	-5.001e+04	3593.75	-3.418e+05	-6.460e+05	-6.014e+06
		-9.959e+06	-6.460e+05	1.25e-03	0.0	80.0	2.422e+04	-5.001e+04	3593.75	-3.418e+05	-3.684e+05	-9.959e+06
190	343	-8.214e+05	6.461e+05	-9.39e-04	0.0	0.0	-3.537e+04	-4.285e+04	-3592.70	3.417e+05	6.461e+05	-8.214e+05
		-4.306e+06	3.686e+05	-1.25e-03	0.0	80.0	-3.537e+04	-4.285e+04	-3592.70	3.417e+05	3.686e+05	-4.306e+06
190	346	-6.016e+06	-3.747e+05	9.74e-04	0.0	0.0	2.434e+04	-4.839e+04	3499.57	-3.354e+05	-6.435e+05	-6.016e+06
		-9.958e+06	-6.435e+05	1.29e-03	0.0	80.0	2.434e+04	-4.839e+04	3499.57	-3.354e+05	-3.747e+05	-9.958e+06
190	347	-8.196e+05	6.436e+05	-9.37e-04	0.0	0.0	-3.549e+04	-4.447e+04	-3498.52	3.353e+05	6.436e+05	-8.196e+05
		-4.307e+06	3.748e+05	-1.29e-03	0.0	80.0	-3.549e+04	-4.447e+04	-3498.52	3.353e+05	3.748e+05	-4.307e+06
190	369	-3.331e+06	-7.363e+04	-5.37e-05	0.0	0.0	-6881.21	-4.479e+04	-1036.00	1.373e+05	-7.363e+04	-3.331e+06
		-7.126e+06	-1.537e+05	1.11e-04	0.0	80.0	-6881.21	-4.479e+04	-1036.00	1.373e+05	-1.537e+05	-7.126e+06
190	372	-3.505e+06	1.538e+05	9.06e-05	0.0	0.0	-4267.98	-4.808e+04	1037.04	-1.374e+05	7.371e+04	-3.505e+06
		-7.139e+06	7.371e+04	-1.11e-04	0.0	80.0	-4267.98	-4.808e+04	1037.04	-1.374e+05	1.538e+05	-7.139e+06
190	374	-4.389e+06	-7.892e+04	3.83e-04	0.0	0.0	5139.54	-4.784e+04	131.49	-4635.24	-9.003e+04	-4.389e+06
		-8.206e+06	-9.003e+04	1.85e-04	0.0	80.0	5139.54	-4.784e+04	131.49	-4635.24	-7.892e+04	-8.206e+06
190	378	-4.390e+06	-8.802e+04	3.82e-04	0.0	0.0	5200.17	-4.702e+04	84.96	-1499.31	-8.876e+04	-4.390e+06
		-8.205e+06	-8.876e+04	2.05e-04	0.0	80.0	5200.17	-4.702e+04	84.96	-1499.31	-8.202e+04	-8.205e+06
190	379	-2.445e+06	8.883e+04	-3.45e-04	0.0	0.0	-1.635e+04	-4.585e+04	-83.91	1416.15	8.883e+04	-2.445e+06
		-6.060e+06	8.218e+04	-2.05e-04	0.0	80.0	-1.635e+04	-4.585e+04	-83.91	1416.15	8.218e+04	-6.060e+06
191	81	3.978e+04	6.569e+05	-3.01e-04	0.0	0.0	-497.21	-6.131e+04	3218.08	7.006e+05	1.420e+05	3.978e+04
		-9.769e+06	1.420e+05	-4.93e-04	0.0	160.0	-497.21	-6.131e+04	3218.08	7.006e+05	6.569e+05	-9.769e+06
191	84	-9.339e+04	4.830e+05	7.10e-05	0.0	0.0	1167.43	-4.273e+04	2351.53	5.287e+05	1.068e+05	-9.339e+04
		-6.931e+06	1.068e+05	-3.65e-04	0.0	160.0	1167.43	-4.273e+04	2351.53	5.287e+05	4.830e+05	-6.931e+06
191	90	1.999e+05	-5.515e+04	-1.74e-04	0.0	0.0	-2498.39	-4.525e+04	-1773.03	-5.669e+05	-5.515e+04	1.999e+05
		-7.040e+06	-3.388e+05	1.86e-03	0.0	160.0	-2498.39	-4.525e+04	-1773.03	-5.669e+05	-3.388e+05	-7.040e+06
191	165	5.029e+05	3.120e+05	-1.66e-04	0.0	0.0	-6285.99	-3.754e+04	1851.75	-1.471e+05	1.574e+04	5.029e+05
		-5.503e+06	1.574e+04	-1.92e-04	0.0	160.0	-6285.99	-3.754e+04	1851.75	-1.471e+05	3.120e+05	-5.503e+06
191	247	-8.457e+04	4.894e+05	7.17e-05	0.0	0.0	1057.16	-4.184e+04	2405.58	5.172e+05	1.045e+05	-8.457e+04
		-6.779e+06	1.045e+05	-3.65e-04	0.0	160.0	1057.16	-4.184e+04	2405.58	5.172e+05	4.894e+05	-6.779e+06
191	251	7.257e+04	-4.148e+04	1.90e-04	0.0	0.0	-907.08	-3.718e+04	-1291.47	-4.217e+05	-2.481e+05	7.257e+04
		-5.876e+06	-2.481e+05	1.38e-03	0.0	160.0	-907.08	-3.718e+04	-1291.47	-4.217e+05	-4.148e+04	-5.876e+06
191	289	3.806e+05	2.338e+05	-1.40e-04	0.0	0.0	-4757.80	-2.766e+04	1390.17	-1.105e+05	1.136e+04	3.806e+05
		-4.045e+06	1.136e+04	-1.43e-04	0.0	160.0	-4757.80	-2.766e+04	1390.17	-1.105e+05	2.338e+05	-4.045e+06
191	311	3.319e+05	1.926e+05	-8.30e-05	0.0	0.0	-4148.70	-2.545e+04	1163.50	-9.265e+04	6467.17	3.319e+05
		-3.740e+06	6467.17	-1.11e-04	0.0	160.0	-4148.70	-2.545e+04	1163.50	-9.265e+04	1.926e+05	-3.740e+06
191	320	4.093e+04	3.842e+05	-5.75e-05	0.0	0.0	-511.62	-3.743e+04	1923.12	3.783e+05	7.654e+04	4.093e+04
		-5.947e+06	7.654e+04	-2.77e-04	0.0	160.0	-511.62	-3.743e+04	1923.12	3.783e+05	3.842e+05	-5.947e+06
191	321	1.588e+05	-3.297e+04	3.15e-05	0.0	0.0	-1984.80	-3.393e+04	-849.66	-3.259e+05	-1.689e+05	1.588e+05
		-5.270e+06	-1.689e+05	1.03e-03	0.0	160.0	-1984.80	-3.393e+04	-849.66	-3.259e+05	-3.297e+04	-5.270e+06
191	324	1.768e+05	38.05	8.06e-05	0.0	0.0	-2210.57	-2.415e+04	0.24	-18.43	0.36	1.768e+05

		-3.687e+06	0.36	0.0	0.0	160.0	-2210.57	-2.415e+04	0.24	-18.43	38.05	-3.687e+06
191	342	-6.811e+05	-7.945e+04	1.98e-03	0.0	0.0	8513.38	-2.250e+04	1574.97	-1.638e+05	-3.240e+05	-6.811e+05
		-4.800e+06	-3.240e+05	3.01e-03	0.0	160.0	8513.38	-2.250e+04	1574.97	-1.638e+05	-7.945e+04	-4.800e+06
191	343	1.035e+06	3.240e+05	-1.82e-03	0.0	0.0	-1.293e+04	-2.580e+04	-1574.50	1.637e+05	3.240e+05	1.035e+06
		-2.574e+06	7.953e+04	-3.01e-03	0.0	160.0	-1.293e+04	-2.580e+04	-1574.50	1.637e+05	7.953e+04	-2.574e+06
191	346	-6.846e+05	-8.563e+04	1.98e-03	0.0	0.0	8557.25	-2.250e+04	1514.36	-1.600e+05	-3.136e+05	-6.846e+05
		-4.799e+06	-3.136e+05	3.09e-03	0.0	160.0	8557.25	-2.250e+04	1514.36	-1.600e+05	-8.563e+04	-4.799e+06
191	347	1.038e+06	3.136e+05	-1.82e-03	0.0	0.0	-1.298e+04	-2.580e+04	-1513.89	1.599e+05	3.136e+05	1.038e+06
		-2.575e+06	8.571e+04	-3.09e-03	0.0	160.0	-1.298e+04	-2.580e+04	-1513.89	1.599e+05	8.571e+04	-2.575e+06
191	369	2.171e+05	-4259.27	-6.27e-05	0.0	0.0	-2714.16	-2.507e+04	-435.90	6.473e+04	-4259.27	2.171e+05
		-3.703e+06	-7.352e+04	2.24e-04	0.0	160.0	-2714.16	-2.507e+04	-435.90	6.473e+04	-7.352e+04	-3.703e+06
191	372	1.366e+05	7.359e+04	2.24e-04	0.0	0.0	-1706.97	-2.323e+04	436.37	-6.477e+04	4260.00	1.366e+05
		-3.670e+06	4260.00	-2.24e-04	0.0	160.0	-1706.97	-2.323e+04	436.37	-6.477e+04	7.359e+04	-3.670e+06
191	374	-1.423e+05	-2.790e+04	8.19e-04	0.0	0.0	1778.50	-2.361e+04	43.59	-2131.94	-3.820e+04	-1.423e+05
		-4.133e+06	-3.820e+04	3.74e-04	0.0	160.0	1778.50	-2.361e+04	43.59	-2131.94	-2.790e+04	-4.133e+06
191	378	-1.440e+05	-3.096e+04	8.17e-04	0.0	0.0	1800.49	-2.361e+04	13.58	-270.14	-3.300e+04	-1.440e+05
		-4.133e+06	-3.300e+04	4.14e-04	0.0	160.0	1800.49	-2.361e+04	13.58	-270.14	-3.096e+04	-4.133e+06
191	379	4.977e+05	3.300e+04	-6.56e-04	0.0	0.0	-6221.62	-2.469e+04	-13.11	233.29	3.300e+04	4.977e+05
		-3.241e+06	3.104e+04	-4.14e-04	0.0	160.0	-6221.62	-2.469e+04	-13.11	233.29	3.104e+04	-3.241e+06
192	74	5.476e+05	2.034e+04	-4.10e-04	0.0	0.0	-6844.93	4.319e+04	1195.75	-9.558e+04	-1.710e+05	-6.366e+06
		-6.363e+06	-1.710e+05	1.06e-04	0.0	160.0	-6844.93	4.319e+04	1195.75	-9.558e+04	2.034e+04	-6.363e+06
192	97	4.858e+05	3.690e+05	-5.98e-04	0.0	0.0	-6073.11	8.071e+04	-1424.10	-9.991e+05	3.690e+05	-1.243e+07
		-1.243e+07	1.412e+05	-1.74e-03	0.0	160.0	-6073.11	8.071e+04	-1424.10	-9.991e+05	1.412e+05	-1.243e+07
192	105	4.580e+05	-6.228e+04	-6.76e-04	0.0	0.0	-5724.59	8.069e+04	-502.44	1.150e+06	-1.427e+05	4.580e+05
		-1.245e+07	-1.427e+05	1.65e-03	0.0	160.0	-5724.59	8.069e+04	-502.44	1.150e+06	-1.427e+05	-1.245e+07
192	149	6.347e+05	3528.34	-3.13e-04	0.0	0.0	-7933.16	5.326e+04	919.62	-7.418e+04	-1.436e+05	-7.887e+06
		-7.887e+06	-1.436e+05	-7.49e-05	0.0	160.0	-7933.16	5.326e+04	919.62	-7.418e+04	3528.34	-7.887e+06
192	206	1.854e+05	368.19	-7.68e-05	0.0	0.0	-2318.02	2.301e+04	-2.23	-33.39	368.19	-3.495e+06
		-3.495e+06	10.92	0.0	0.0	160.0	-2318.02	2.301e+04	-2.23	-33.39	10.92	-3.495e+06
192	243	3.741e+05	1.398e+04	2.23e-05	0.0	0.0	-4676.35	2.401e+04	878.69	-6.994e+04	-1.266e+05	-3.467e+06
		-3.467e+06	-1.266e+05	4.53e-05	0.0	160.0	-4676.35	2.401e+04	878.69	-6.994e+04	1.398e+04	-3.467e+06
192	255	2.898e+05	2.733e+05	-9.27e-05	0.0	0.0	-3622.65	4.457e+04	-1061.20	-7.392e+05	2.733e+05	-6.842e+06
		-6.842e+06	1.035e+05	-1.32e-03	0.0	160.0	-3622.65	4.457e+04	-1061.20	-7.392e+05	1.035e+05	-6.842e+06
192	270	3.912e+05	1.630e+05	-4.31e-04	0.0	0.0	-4890.30	4.971e+04	-1469.16	5.342e+05	1.630e+05	-7.563e+06
		-7.563e+06	-7.205e+04	8.15e-04	0.0	160.0	-4890.30	4.971e+04	-1469.16	5.342e+05	-7.205e+04	-7.563e+06
192	281	3.980e+05	1545.38	1.15e-04	0.0	0.0	-4975.29	2.422e+04	674.68	-5.408e+04	-1.064e+05	-3.477e+06
		-3.477e+06	-1.064e+05	-8.77e-05	0.0	160.0	-4975.29	2.422e+04	674.68	-5.408e+04	1545.38	-3.477e+06
192	287	2.528e+05	2265.80	3.57e-05	0.0	0.0	-3160.00	2.405e+04	113.86	-9483.54	-1.595e+04	-3.595e+06
		-3.595e+06	-1.595e+04	-4.14e-05	0.0	160.0	-3160.00	2.405e+04	113.86	-9483.54	2265.80	-3.595e+06
192	316	2.636e+05	-620.74	-7.62e-05	0.0	0.0	-3295.00	2.407e+04	432.78	-3.465e+04	-6.987e+04	-3.587e+06
		-3.587e+06	-6.987e+04	-4.17e-06	0.0	160.0	-3295.00	2.407e+04	432.78	-3.465e+04	-620.74	-3.587e+06
192	319	2.535e+05	9056.57	-1.26e-04	0.0	0.0	-3168.38	2.405e+04	568.77	-4.517e+04	-8.195e+04	-3.594e+06
		-3.594e+06	-8.195e+04	7.93e-05	0.0	160.0	-3168.38	2.405e+04	568.77	-4.517e+04	9056.57	-3.594e+06
192	322	1.902e+05	2.180e+05	-2.12e-04	0.0	0.0	-2378.10	3.947e+04	-886.14	-5.471e+05	2.180e+05	-6.125e+06
		-6.125e+06	7.619e+04	-9.46e-04	0.0	160.0	-2378.10	3.947e+04	-886.14	-5.471e+05	7.619e+04	-6.125e+06
192	323	1.748e+05	-2.165e+04	-2.56e-04	0.0	0.0	-2184.48	3.946e+04	-374.11	6.466e+05	-2.165e+04	-6.139e+06
		-6.139e+06	-8.151e+04	9.35e-04	0.0	160.0	-2184.48	3.946e+04	-374.11	6.466e+05	-8.151e+04	-6.139e+06
192	324	1.769e+05	392.67	-8.06e-05	0.0	0.0	-2210.94	2.414e+04	-2.39	-26.90	392.67	-3.686e+06
		-3.686e+06	10.63	0.0	0.0	160.0	-2210.94	2.414e+04	-2.39	-26.90	10.63	-3.686e+06
192	341	-4.809e+05	2.379e+05	-1.49e-03	0.0	0.0	6010.87	2.382e+04	1202.57	-1.565e+05	5.782e+04	-4.631e+06
		-4.631e+06	5.782e+04	2.76e-03	0.0	160.0	6010.87	2.382e+04	1202.57	-1.565e+05	2.379e+05	-4.809e+05
192	344	8.346e+05	-5.703e+04	1.33e-03	0.0	0.0	-1.043e+04	2.447e+04	-1207.34	1.564e+05	-5.703e+04	-2.741e+06
		-2.741e+06	-2.378e+05	-2.76e-03	0.0	160.0	-1.043e+04	2.447e+04	-1207.34	1.564e+05	-2.378e+05	-2.741e+06
192	345	-4.734e+05	2.307e+05	-1.48e-03	0.0	0.0	5917.49	2.383e+04	1166.39	-1.542e+05	6.068e+04	-4.734e+05
		-4.634e+06	6.068e+04	2.80e-03	0.0	160.0	5917.49	2.383e+04	1166.39	-1.542e+05	2.307e+05	-4.734e+05
192	346	7.736e+05	-1.159e+05	1.33e-03	0.0	0.0	-9670.32	2.688e+04	-844.83	1.010e+05	-1.159e+05	-3.102e+06
		-3.102e+06	-2.423e+05	-2.76e-03	0.0	160.0	-9670.32	2.688e+04	-844.83	1.010e+05	-2.423e+05	-3.102e+06
192	347	-4.199e+05	2.423e+05	-1.49e-03	0.0	0.0	5248.44	2.140e+04	840.05	-1.011e+05	1.167e+05	-4.270e+06
		-4.270e+06	1.167e+05	2.76e-03	0.0	160.0	5248.44	2.140e+04	840.05	-1.011e+05	2.423e+05	-4.199e+05
192	373	-1.142e+05	6.512e+04	-7.09e-04	0.0	0.0	1427.36	2.400e+04	-189.17	1.939e+04	7320.36	-4.119e+06
		-4.119e+06	7320.36	7.55e-04	0.0	160.0	1427.36	2.400e+04	-189.17	1.939e+04	6.512e+04	-4.119e+06
192	376	4.679e+05	-6535.01	5.48e-04	0.0	0.0	-5849.24	2.428e+04	184.39	-1.945e+04	-6535.01	-3.253e+06
		-3.253e+06	-6.510e+04	-7.55e-04	0.0	160.0	-5849.24	2.428e+04	184.39	-1.945e+04	-6.510e+04	-3.253e+06
192	377	-1.104e+05	6.155e+04	-7.04e-04	0.0	0.0	1380.56	2.401e+04	-207.16	2.050e+04	8752.51	-4.120e+06
		-4.120e+06	8752.51	7.75e-04	0.0	160.0	1380.56	2.401e+04	-207.16	2.050e+04	6.155e+04	-4.120e+06
192	378	4.374e+05	-3.580e+04	5.51e-04	0.0	0.0	-5467.48	2.552e+04	364.53	-4.746e+04	-3.580e+04	-3.438e+06
		-3.438e+06	-6.732e+04	-7.56e-04	0.0	160.0	-5467.48	2.552e+04	364.53	-4.746e+04	-6.732e+04	-3.438e+06
192	379	-8.365e+04	6.734e+04	-7.13e-04	0.0	0.0	1045.60	2.277e+04	-369.31	4.740e+04	3.659e+04	-3.934e+06
		-3.934e+06	3.659e+04	7.56e-04	0.0	160.0	1045.60	2.277e+04	-369.31	4.740e+04	6.734e+04	-3.934e+06
193	73	-4.951e+06	-1.926e+05	-1.08e-04	0.0	0.0	-1.260e+04	-7.869e+04	-2220.15	1.771e+05	-1.926e+05	-4.951e+06
		-1.125e+07	-3.702e+05	7.12e-05	0.0	80.0	-1.260e+04	-7.869e+04	-2220.15	1.771e+05	-3.702e+05	-1.125e+07
193	74	-3.555e+06	-1.927e+05	-1.15e-04	0.0	0.0	-1.052e+04	-6.091e+04	-2221.28	1.770e+05	-1.927e+05	-3.555e+06
		-8.429e+06	-3.704e+05	7.12e-05	0.0	80.0	-1.052e+04	-6.091e+04	-2221.28	1.770e+05	-3.704e+05	-8.429e+06
193	97	-8.373e+06	9.244e+05	-1.18e-04	0.0	0.0	-5291.63	-1.178e+05	4394.83	1.215e+06	5.728e+05	-8.373e+06
		-1.780e+07	5.728e+05	-9.12e-04	0.0	80.0	-5291.63	-1.178e+05	4394.83	1.215e+06	9.244e+05	-1.780e+07
193	122	-3.680e+06	-6111.23	2.00e-04	0.0	0.0	222.30	-4.501e+04	-353.89	2.897e+04	-6111.23	-3.680e+06
		-7.281e+06	-3.442e+04	-6.55e-05	0.0	80.0	222.30	-4.501e+04	-353.89	2.897e+04	-3.442e+04	-7.281e+06

193	206	-3.243e+06	605.70	1.77e-05	0.0	0.0	-5470.12-4.509e+04	2.87	199.26	376.34-3.243e+06
		-6.851e+06	376.34	0.0	0.0	80.0	-5470.12-4.509e+04	2.87	199.26	605.70-6.851e+06
193	243	-3.270e+06-1.383e+05	6.64e-05	0.0	0.0	0.0	-7152.04-4.642e+04	-1611.22	1.286e+05	-1.383e+05-3.270e+06
		-6.983e+06-2.672e+05	3.59e-05	0.0	80.0	0.0	-7152.04-4.642e+04	-1611.22	1.286e+05	-2.672e+05-6.983e+06
193	255	-5.805e+06	6.918e+05	5.84e-05	0.0	0.0	-1741.86-7.539e+04	3288.76	8.973e+05	4.287e+05-5.805e+06
		-1.184e+07	4.287e+05	-6.93e-04	0.0	80.0	-1741.86-7.539e+04	3288.76	8.973e+05	6.918e+05-1.184e+07
193	256	-5.329e+06	5.144e+05	9.54e-05	0.0	0.0	-1175.24-6.816e+04	2410.52	6.776e+05	3.216e+05-5.329e+06
		-1.078e+07	3.216e+05	-5.36e-04	0.0	80.0	-1175.24-6.816e+04	2410.52	6.776e+05	5.144e+05-1.078e+07
193	289	-4.792e+06	2.478e+05	-1.34e-04	0.0	0.0	-8710.82-7.283e+04	1888.31	-7.357e+05	9.671e+04-4.792e+06
		-1.062e+07	9.671e+04	4.03e-04	0.0	80.0	-8710.82-7.283e+04	1888.31	-7.357e+05	2.478e+05-1.062e+07
193	310	-3.637e+06	6695.21	9.90e-05	0.0	0.0	-2812.15-4.643e+04	14.80	-641.90	5511.12-3.637e+06
		-7.351e+06	5511.12	-2.89e-05	0.0	80.0	-2812.15-4.643e+04	14.80	-641.90	6695.21-7.351e+06
193	319	-3.164e+06-9.837e+04	-5.98e-06	0.0	0.0	0.0	-8569.65-4.641e+04	-1025.45	8.183e+04	-9.837e+04-3.164e+06
		-6.877e+06-1.804e+05	4.83e-05	0.0	80.0	0.0	-8569.65-4.641e+04	-1025.45	8.183e+04	-1.804e+05-6.877e+06
193	322	-5.066e+06	5.388e+05	-1.19e-05	0.0	0.0	-4512.01-6.814e+04	2649.54	6.583e+05	3.268e+05-5.066e+06
		-1.052e+07	3.268e+05	-4.98e-04	0.0	80.0	-4512.01-6.814e+04	2649.54	6.583e+05	5.388e+05-1.052e+07
193	324	-3.417e+06	636.28	1.84e-05	0.0	0.0	-5575.23-4.642e+04	2.95	206.03	400.15-3.417e+06
		-7.131e+06	400.15	0.0	0.0	80.0	-5575.23-4.642e+04	2.95	206.03	636.28-7.131e+06
193	341	-1.717e+06-3.541e+05	-8.73e-04	0.0	0.0	0.0	-2.614e+04-4.177e+04	2416.08	-2.504e+05	-3.541e+05-1.717e+06
		-5.465e+06-5.390e+05	9.85e-04	0.0	80.0	0.0	-2.614e+04-4.177e+04	2416.08	-2.504e+05	-5.390e+05-5.465e+06
193	342	-5.480e+06	4.791e+05	4.50e-04	0.0	0.0	1.696e+04-4.643e+04	-3250.37	3.699e+05	4.791e+05-5.480e+06
		-9.512e+06	2.292e+05	-1.00e-03	0.0	80.0	1.696e+04-4.643e+04	-3250.37	3.699e+05	2.292e+05-9.512e+06
193	344	-5.116e+06	5.398e+05	9.10e-04	0.0	0.0	1.499e+04-5.107e+04	-2410.17	2.508e+05	5.398e+05-5.116e+06
		-8.796e+06	3.554e+05	-9.85e-04	0.0	80.0	1.499e+04-5.107e+04	-2410.17	2.508e+05	3.554e+05-8.796e+06
193	346	-5.482e+06	4.825e+05	6.79e-04	0.0	0.0	1.721e+04-5.106e+04	-3308.01	3.739e+05	4.825e+05-5.482e+06
		-9.507e+06	2.274e+05	-9.85e-04	0.0	80.0	1.721e+04-5.106e+04	-3308.01	3.739e+05	2.274e+05-9.507e+06
193	347	-1.352e+06-2.261e+05	-6.42e-04	0.0	0.0	0.0	-2.836e+04-4.179e+04	3313.92	-3.735e+05	-2.261e+05-1.352e+06
		-4.754e+06-4.817e+05	9.85e-04	0.0	80.0	0.0	-2.836e+04-4.179e+04	3313.92	-3.735e+05	-4.817e+05-4.754e+06
193	373	-2.725e+06-1.102e+05	-4.10e-04	0.0	0.0	0.0	-1.417e+04-4.427e+04	-950.21	1.076e+05	-1.102e+05-2.725e+06
		-6.478e+06-1.521e+05	3.74e-04	0.0	80.0	0.0	-1.417e+04-4.427e+04	-950.21	1.076e+05	-1.521e+05-6.478e+06
193	374	-4.296e+06	1.227e+05	2.12e-04	0.0	0.0	4007.36-4.620e+04	537.11	-4.690e+04	1.227e+05-4.296e+06
		-8.151e+06	4.876e+04	-3.84e-04	0.0	80.0	4007.36-4.620e+04	537.11	-4.690e+04	4.876e+04-8.151e+06
193	376	-4.109e+06	1.529e+05	4.46e-04	0.0	0.0	3020.84-4.857e+04	956.12	-1.071e+05	1.529e+05-4.109e+06
		-7.783e+06	1.115e+05	-3.74e-04	0.0	80.0	3020.84-4.857e+04	956.12	-1.071e+05	1.115e+05-7.783e+06
193	378	-4.296e+06	1.245e+05	3.29e-04	0.0	0.0	4134.10-4.856e+04	508.60	-4.494e+04	1.245e+05-4.296e+06
		-8.149e+06	4.783e+04	-3.74e-04	0.0	80.0	4134.10-4.856e+04	508.60	-4.494e+04	4.783e+04-8.149e+06
193	379	-2.537e+06-4.655e+04	-2.92e-04	0.0	0.0	0.0	-1.528e+04-4.428e+04	-502.70	4.536e+04	-4.655e+04-2.537e+06
		-6.113e+06-1.236e+05	3.74e-04	0.0	80.0	0.0	-1.528e+04-4.428e+04	-502.70	4.536e+04	-1.236e+05-6.113e+06
194	73	5.150e+05-1.158e+04	-1.52e-04	0.0	0.0	0.0	-6437.72-3.724e+04	-930.10	7.485e+04	-1.158e+04-5.150e+05
		-5.444e+06-1.604e+05	1.59e-04	0.0	160.0	0.0	-6437.72-3.724e+04	-930.10	7.485e+04	-1.604e+05-5.444e+06
194	97	2.775e+05	5.072e+05	-1.33e-04	0.0	0.0	-3468.26-5.498e+04	2778.71	4.878e+05	6.257e+05-2.775e+05
		-8.519e+06	6.257e+04	-1.87e-03	0.0	160.0	-3468.26-5.498e+04	2778.71	4.878e+05	6.257e+04-8.519e+06
194	106	2.649e+05-4.248e+04	-2.45e-04	0.0	0.0	0.0	-3311.64-4.523e+04	-1001.86	-6.287e+05	-4.248e+04-2.649e+05
		-6.972e+06-2.028e+05	1.68e-03	0.0	160.0	0.0	-3311.64-4.523e+04	-1001.86	-6.287e+05	-2.028e+05-6.972e+06
194	122	3.241e+04	6960.20	4.45e-04	0.0	0.0	-405.13-2.289e+04	-139.48	1.166e+04	6960.20-3.241e+04
		-3.630e+06-1.536e+04	-1.30e-04	0.0	160.0	0.0	-405.13-2.289e+04	-139.48	1.166e+04	-1.536e+04-3.630e+06
194	255	9.376e+04	3.789e+05	1.89e-04	0.0	0.0	-1172.01-3.715e+04	2075.79	3.600e+05	4.674e+04-9.376e+04
		-5.851e+06	4.674e+04	-1.42e-03	0.0	160.0	-1172.01-3.715e+04	2075.79	3.600e+05	4.674e+04-5.851e+06
194	256	7.200e+04	2.822e+05	2.57e-04	0.0	0.0	-899.99-3.389e+04	1535.97	2.718e+05	3.643e+04-7.200e+04
		-5.351e+06	3.643e+04	-1.10e-03	0.0	160.0	-899.99-3.389e+04	1535.97	2.718e+05	3.643e+04-5.351e+06
194	259	1.230e+05-3.108e+04	1.30e-04	0.0	0.0	0.0	-1537.98-3.716e+04	-723.88	-4.670e+05	-3.108e+04-1.230e+05
		-5.822e+06-1.469e+05	1.21e-03	0.0	160.0	0.0	-1537.98-3.716e+04	-723.88	-4.670e+05	-1.469e+05-5.822e+06
194	289	3.660e+05	7.898e+04	-2.08e-04	0.0	0.0	-4575.60-3.431e+04	423.66	-2.996e+05	1.120e+04-3.660e+05
		-5.123e+06	1.120e+04	7.97e-04	0.0	160.0	-4575.60-3.431e+04	423.66	-2.996e+05	7.898e+04-5.123e+06
194	310	9.730e+04	3083.44	2.44e-04	0.0	0.0	-1216.20-2.414e+04	12.49	-767.06	3083.44-9.730e+04
		-3.764e+06	1084.25	-5.82e-05	0.0	160.0	-1216.20-2.414e+04	12.49	-767.06	1084.25-3.764e+06
194	311	3.111e+05	6.924e+04	-1.30e-04	0.0	0.0	-3889.34-3.044e+04	396.40	-2.310e+05	5819.54-3.111e+05
		-4.559e+06	5819.54	6.17e-04	0.0	160.0	-3889.34-3.044e+04	396.40	-2.310e+05	6.924e+04-4.559e+06
194	322	1.626e+05	2.931e+05	3.96e-05	0.0	0.0	-2032.26-3.392e+04	1631.93	2.639e+05	3.202e+04-1.626e+05
		-5.264e+06	3.202e+04	-1.02e-03	0.0	160.0	-2032.26-3.392e+04	1631.93	2.639e+05	2.931e+05-5.264e+06
194	323	1.845e+05-2.634e+04	-4.27e-06	0.0	0.0	0.0	-2306.74-3.392e+04	-467.82	-3.563e+05	-2.634e+04-1.845e+05
		-5.243e+06-1.012e+05	9.52e-04	0.0	160.0	0.0	-2306.74-3.392e+04	-467.82	-3.563e+05	-1.012e+05-5.243e+06
194	324	1.769e+05	394.53	8.06e-05	0.0	0.0	-2210.96-2.414e+04	2.40	25.81	11.27-1.769e+05
		-3.686e+06	11.27	0.0	0.0	160.0	-2210.96-2.414e+04	2.40	25.81	394.53-3.686e+06
194	341	7.748e+05-1.069e+05	-1.33e-03	0.0	0.0	0.0	-9684.60-2.715e+04	910.79	-1.154e+05	-1.069e+05-7.748e+05
		-3.064e+06-2.436e+05	2.76e-03	0.0	160.0	0.0	-9684.60-2.715e+04	910.79	-1.154e+05	-2.436e+05-3.064e+06
194	342	-4.745e+05	2.321e+05	1.48e-03	0.0	0.0	5931.74-2.356e+04	-1232.33	1.686e+05	2.321e+05-4.745e+05
		-4.671e+06	5.164e+04	-2.80e-03	0.0	160.0	5931.74-2.356e+04	-1232.33	1.686e+05	5.164e+04-4.671e+06
194	344	-4.210e+05	2.436e+05	1.49e-03	0.0	0.0	5262.69-2.114e+04	-906.00	1.155e+05	2.436e+05-4.210e+05
		-4.308e+06	1.077e+05	-2.76e-03	0.0	160.0	5262.69-2.114e+04	-906.00	1.155e+05	1.077e+05-4.308e+06
194	346	-4.820e+05	2.392e+05	1.49e-03	0.0	0.0	6025.12-2.355e+04	-1268.51	1.709e+05	2.392e+05-4.820e+05
		-4.668e+06	4.877e+04	-2.76e-03	0.0	160.0	6025.12-2.355e+04	-1268.51	1.709e+05	4.877e+04-4.668e+06
194	347	8.358e+05-4.799e+04	-1.33e-03	0.0	0.0	0.0	-1.045e+04-2.473e+04	1273.30	-1.708e+05	-4.799e+04-8.358e+05
		-2.704e+06-2.392e+05	2.76e-03	0.0	160.0	0.0	-1.045e+04-2.473e+04	1273.30	-1.708e+05	-2.392e+05-2.704e+06
194	373	4.374e+05-3.580e+04	-5.51e-04	0.0	0.0	0.0	-5467.50-2.552e+04	-364.53	4.746e+04	-3.580e+04-4.374e+05
		-3.438e+06-6.731e+04	7.56e-04	0.0	160.0	0.0	-5467.50-2.552e+04	-364.53	4.746e+04	-6.731e+04-3.438e+06
194	374	-1.104e+05	6.156e+04	7.04e-04	0.0	0.0	1380.55-2.401e+04	207.17	-2.050e+04	6.156e+04-1.104e+05

		-4.120e+06	8753.87	-7.75e-04	0.0	160.0	1380.55	-2.401e+04	207.17	-2.050e+04	8753.87	-4.120e+06
194	376	-8.365e+04	6.734e+04	7.13e-04	0.0	0.0	1045.59	-2.277e+04	369.32	-4.740e+04	6.734e+04	-8.365e+04
		-3.934e+06	3.659e+04	-7.56e-04	0.0	160.0	1045.59	-2.277e+04	369.32	-4.740e+04	3.659e+04	-3.934e+06
194	378	-1.142e+05	6.512e+04	7.09e-04	0.0	0.0	1427.35	-2.400e+04	189.18	-1.939e+04	6.512e+04	-1.142e+05
		-4.119e+06	7321.69	-7.55e-04	0.0	160.0	1427.35	-2.400e+04	189.18	-1.939e+04	7321.69	-4.119e+06
194	379	4.679e+05	-6532.62	-5.48e-04	0.0	0.0	-5849.26	-2.428e+04	-184.39	1.944e+04	-6.510e+04	4.679e+05
		-3.253e+06	-6.510e+04	7.55e-04	0.0	160.0	-5849.26	-2.428e+04	-184.39	1.944e+04	-6532.62	-3.253e+06
195	97	-8427.61	-8.779e+04	6.73e-04	-648.00	0.0	-970.38	-384.62	-127.24	-7663.44	-8.779e+04	-8427.61
		-1.040e+05	-1.081e+05	0.05	0.0	160.0	-970.38	-1032.62	-127.24	-7663.44	-1.081e+05	-1.040e+05
195	106	2919.46	-4.381e+04	9.51e-04	-480.00	0.0	-465.19	-978.88	-249.10	-1.617e+04	-4.381e+04	2919.46
		-1.386e+05	-8.366e+04	0.03	0.0	160.0	-465.19	-1458.88	-249.10	-1.617e+04	-8.366e+04	-1.386e+05
195	117	-1.276e+04	-7.737e+04	5.89e-04	-648.00	0.0	-1101.27	-174.08	-76.75	-4002.95	-7.737e+04	-1.276e+04
		-9.010e+04	-8.965e+04	0.04	0.0	160.0	-1101.27	-822.08	-76.75	-4002.95	-8.965e+04	-9.010e+04
195	127	-9246.41	-2.543e+04	1.45e-03	-648.00	0.0	-789.89	-1329.90	-296.31	-1.961e+04	-2.543e+04	-9246.41
		-1.944e+05	-7.284e+04	0.02	0.0	160.0	-789.89	-1977.90	-296.31	-1.961e+04	-7.284e+04	-1.944e+05
195	166	-9718.95	-1.313e+04	1.30e-03	-480.00	0.0	-449.04	-1209.08	-276.81	-1.856e+04	-1.313e+04	-9718.95
		-1.678e+05	-5.742e+04	0.02	0.0	160.0	-449.04	-1689.08	-276.81	-1.856e+04	-5.742e+04	-1.678e+05
195	172	-1.333e+04	-1.369e+04	9.12e-04	-480.00	0.0	-430.84	-704.92	-174.67	-1.160e+04	-1.369e+04	-1.333e+04
		-1.192e+05	-4.164e+04	0.01	0.0	160.0	-430.84	-1184.92	-174.67	-1.160e+04	-4.164e+04	-1.192e+05
195	255	-1.177e+04	-5.425e+04	2.55e-04	-480.00	0.0	-630.68	80.19	-17.96	-606.36	-5.425e+04	-1.177e+04
		-4.296e+04	-5.713e+04	0.03	0.0	160.0	-630.68	-399.81	-17.96	-606.36	-5.713e+04	-4.296e+04
195	259	-5908.81	-3.024e+04	5.54e-04	-480.00	0.0	-442.45	-404.91	-117.56	-7523.29	-3.024e+04	-5908.81
		-8.391e+04	-4.905e+04	0.02	0.0	160.0	-442.45	-884.91	-117.56	-7523.29	-4.905e+04	-8.391e+04
195	265	-1.186e+04	-5.199e+04	3.29e-04	-480.00	0.0	-758.02	24.35	-25.50	-914.08	-5.199e+04	-1.186e+04
		-5.185e+04	-5.607e+04	0.03	0.0	160.0	-758.02	-455.65	-25.50	-914.08	-5.607e+04	-5.185e+04
195	270	-7548.78	-1.824e+04	1.07e-03	-480.00	0.0	-564.87	-974.15	-218.06	-1.448e+04	-1.824e+04	-7548.78
		-1.428e+05	-5.313e+04	0.02	0.0	160.0	-564.87	-1454.15	-218.06	-1.448e+04	-5.313e+04	-1.428e+05
195	289	-9841.35	-1.774e+04	1.05e-03	-480.00	0.0	-505.02	-934.02	-213.46	-1.435e+04	-1.774e+04	-9841.35
		-1.388e+05	-5.199e+04	0.02	0.0	160.0	-505.02	-1414.02	-213.46	-1.435e+04	-5.199e+04	-1.388e+05
195	311	-1.439e+04	-1.440e+04	7.69e-04	-480.00	0.0	-438.39	-569.97	-136.33	-9400.60	-1.440e+04	-1.439e+04
		-1.015e+05	-3.621e+04	0.01	0.0	160.0	-438.39	-1049.97	-136.33	-9400.60	-3.621e+04	-1.015e+05
195	319	-1.198e+04	-4.391e+04	2.57e-04	-480.00	0.0	-578.18	51.68	-20.12	-1008.46	-4.391e+04	-1.198e+04
		-4.302e+04	-4.712e+04	0.02	0.0	160.0	-578.18	-428.32	-20.12	-1008.46	-4.712e+04	-4.302e+04
195	322	-1.373e+04	-4.520e+04	2.56e-04	-480.00	0.0	-553.22	68.42	-14.90	-840.96	-4.520e+04	-1.373e+04
		-4.074e+04	-4.758e+04	0.02	0.0	160.0	-553.22	-411.58	-14.90	-840.96	-4.758e+04	-4.074e+04
195	323	-1.005e+04	-2.719e+04	4.81e-04	-480.00	0.0	-412.04	-295.41	-89.60	-6028.66	-2.719e+04	-1.005e+04
		-7.145e+04	-4.152e+04	0.02	0.0	160.0	-412.04	-775.41	-89.60	-6028.66	-4.152e+04	-7.145e+04
195	324	-1.283e+04	-3.027e+04	2.56e-04	-480.00	0.0	-515.92	36.44	-18.65	-1104.44	-3.027e+04	-1.283e+04
		-4.181e+04	-3.325e+04	0.01	0.0	160.0	-515.92	-443.56	-18.65	-1104.44	-3.325e+04	-4.181e+04
195	344	-8978.32	-2.924e+04	2.41e-04	-480.00	0.0	-373.61	-8.71	-40.81	425.71	-2.924e+04	-8978.32
		-4.403e+04	-4.152e+04	0.02	0.0	160.0	-373.61	-488.71	-40.81	425.71	-4.152e+04	-4.403e+04
195	345	-1.609e+04	-3.076e+04	2.71e-04	-480.00	0.0	-658.53	81.35	3.31	-2639.88	-3.076e+04	-1.609e+04
		-3.960e+04	-3.127e+04	0.01	0.0	160.0	-658.53	-398.65	3.31	-2639.88	-3.076e+04	-3.960e+04
195	346	-9566.19	-2.890e+04	2.56e-04	-480.00	0.0	-432.55	-0.36	-35.59	165.68	-2.890e+04	-9566.19
		-4.538e+04	-3.473e+04	0.01	0.0	160.0	-432.55	-480.36	-35.59	165.68	-3.473e+04	-4.538e+04
195	348	-9046.45	-2.926e+04	2.42e-04	-480.00	0.0	-373.31	-8.48	-40.61	430.99	-2.926e+04	-9046.45
		-4.402e+04	-3.574e+04	0.02	0.0	160.0	-373.31	-488.48	-40.61	430.99	-3.574e+04	-4.402e+04
195	365	-1.375e+04	-3.009e+04	2.71e-04	-480.00	0.0	-577.91	48.59	-11.91	-1465.08	-3.009e+04	-1.375e+04
		-4.266e+04	-3.214e+04	0.01	0.0	160.0	-577.91	-431.41	-11.91	-1465.08	-3.214e+04	-4.266e+04
195	366	-1.288e+04	-2.982e+04	2.67e-04	-480.00	0.0	-555.23	38.07	-16.98	-1198.25	-2.982e+04	-1.288e+04
		-4.329e+04	-3.269e+04	0.01	0.0	160.0	-555.23	-441.93	-16.98	-1198.25	-3.269e+04	-4.329e+04
195	368	-1.191e+04	-3.044e+04	2.41e-04	-480.00	0.0	-453.93	24.29	-25.39	-743.81	-3.044e+04	-1.191e+04
		-4.096e+04	-3.436e+04	0.02	0.0	160.0	-453.93	-455.71	-25.39	-743.81	-3.436e+04	-4.096e+04
195	376	-1.119e+04	-2.990e+04	2.47e-04	-480.00	0.0	-463.06	16.72	-28.46	-594.34	-2.990e+04	-1.119e+04
		-4.251e+04	-3.442e+04	0.02	0.0	160.0	-463.06	-463.28	-28.46	-594.34	-3.442e+04	-4.251e+04
195	378	-1.150e+04	-2.972e+04	2.55e-04	-480.00	0.0	-493.31	20.96	-25.84	-727.89	-2.972e+04	-1.150e+04
		-4.320e+04	-3.391e+04	0.01	0.0	160.0	-493.31	-459.04	-25.84	-727.89	-3.391e+04	-4.320e+04
196	127	8749.77	4.272e+04	-9.73e-04	-324.00	0.0	276.36	677.88	-603.24	-3.179e+04	4.272e+04	8749.77
		-3113.27	-5541.40	-4.08e-03	0.0	80.0	276.36	353.88	-603.24	-3.179e+04	-5541.40	-3113.27
196	128	1.417e+04	4.366e+04	-8.70e-04	-240.00	0.0	406.39	479.29	-609.52	-3.046e+04	4.366e+04	1.417e+04
		-3613.35	-5097.16	-3.78e-03	0.0	80.0	406.39	239.29	-609.52	-3.046e+04	-5097.16	-3613.35
196	141	4452.87	-1686.70	-4.14e-04	-324.00	0.0	-626.81	753.31	20.93	-5052.22	-3361.37	-1.119e+04
		-1.119e+04	-3361.37	-2.57e-03	0.0	80.0	-626.81	429.31	20.93	-5052.22	-1686.70	4452.87
196	166	1.143e+04	4.321e+04	-8.70e-04	-240.00	0.0	449.33	490.44	-603.87	-3.030e+04	4.321e+04	1.143e+04
		-3550.75	-5097.16	-3.75e-03	0.0	80.0	449.33	250.44	-603.87	-3.030e+04	-5097.16	-3550.75
196	205	3780.83	-1661.71	-4.18e-04	-324.00	0.0	-388.40	758.09	15.07	-4862.42	-2867.36	-1.957e+04
		-1.957e+04	-2867.36	-2.32e-03	0.0	80.0	-388.40	434.09	15.07	-4862.42	-1661.71	3780.83
196	255	2582.88	-1316.31	-2.99e-04	-240.00	0.0	-366.27	571.47	67.12	-4209.51	-6686.25	-1.589e+04
		-1.589e+04	-6686.25	-2.61e-03	0.0	80.0	-366.27	331.47	67.12	-4209.51	-1316.31	2582.88
196	270	6040.40	3.168e+04	-7.22e-04	-240.00	0.0	221.83	502.29	-447.32	-2.353e+04	3.168e+04	5996.23
		-2297.05	-4102.02	-3.02e-03	0.0	80.0	221.83	262.29	-447.32	-2.353e+04	-4102.02	-2297.05
196	282	2985.38	-1283.85	-3.03e-04	-240.00	0.0	-468.17	558.22	37.17	-4117.04	-4257.44	-9493.99
		-9493.99	-4257.44	-2.27e-03	0.0	80.0	-468.17	318.22	37.17	-4117.04	-1283.85	2985.38
196	289	4426.14	3.138e+04	-7.22e-04	-240.00	0.0	250.45	509.72	-443.55	-2.343e+04	3.138e+04	4168.02
		-2255.31	-4102.02	-3.00e-03	0.0	80.0	250.45	269.72	-443.55	-2.343e+04	-4102.02	-2255.31
196	310	3310.26	-1229.55	-3.10e-04	-240.00	0.0	-383.29	561.76	8.07	-3525.55	-1875.19	-1.070e+04
		-1.070e+04	-1875.19	-1.71e-03	0.0	80.0	-383.29	321.76	8.07	-3525.55	-1229.55	3310.26

196	311	-390.70	2.020e+04	-5.54e-04	-240.00	0.0	60.30	527.43	-292.25	-1.580e+04	2.020e+04	-3647.00
		-3647.00	-3182.07	-2.14e-03	0.0	80.0	60.30	287.43	-292.25	-1.580e+04	-3182.07	-2058.03
196	322	2373.60	-1286.10	-3.03e-04	-240.00	0.0	-266.45	568.61	50.16	-4017.36	-5298.82	-1.821e+04
		-1.821e+04	-5298.82	-2.30e-03	0.0	80.0	-266.45	328.61	50.16	-4017.36	-1286.10	2373.60
196	324	2848.63	-1229.55	-3.10e-04	-240.00	0.0	-284.77	561.34	10.93	-3594.22	-2103.59	-1.446e+04
		-1.446e+04	-2103.59	-1.71e-03	0.0	80.0	-284.77	321.34	10.93	-3594.22	-1229.55	2848.63
196	326	7710.64	-236.62	-3.59e-04	-240.00	0.0	-282.62	527.16	-50.81	-1850.36	-236.62	-1.113e+04
		-1.113e+04	-4377.00	-5.23e-04	0.0	80.0	-282.62	287.16	-50.81	-1850.36	-4377.00	7710.64
196	327	-2013.38	1917.89	-2.62e-04	-240.00	0.0	-286.92	595.53	72.67	-5338.09	-3970.56	-1.779e+04
		-1.779e+04	-3970.56	-2.90e-03	0.0	80.0	-286.92	355.53	72.67	-5338.09	1917.89	-2013.38
196	341	-4907.42	-2033.66	-3.12e-04	-240.00	0.0	-2.45	513.62	5.32	-4454.81	-2583.62	-2.007e+04
		-2.007e+04	-2583.62	-1.43e-03	0.0	80.0	-2.45	273.62	5.32	-4454.81	-2033.66	-4907.42
196	342	1.200e+04	-675.14	-3.36e-04	-240.00	0.0	-519.29	582.36	-18.38	-1915.82	-675.14	-7938.35
		-7938.35	-2290.77	-1.29e-03	0.0	80.0	-519.29	342.36	-18.38	-1915.82	-2290.77	1.200e+04
196	344	1.060e+04	-425.44	-3.09e-04	-240.00	0.0	-567.09	609.06	16.53	-2733.63	-1623.56	-8844.64
		-8844.64	-2583.62	-1.99e-03	0.0	80.0	-567.09	369.06	16.53	-2733.63	-425.44	1.060e+04
196	347	-6267.42	-168.34	-2.84e-04	-240.00	0.0	-47.17	539.86	40.50	-5272.75	-3553.15	-2.108e+04
		-2.108e+04	-3553.15	-2.14e-03	0.0	80.0	-47.17	299.86	40.50	-5272.75	-168.34	-6267.42
196	364	2433.86	334.01	-2.87e-04	-240.00	0.0	-348.57	586.86	39.45	-4175.77	-2839.60	-1.467e+04
		-1.467e+04	-2839.60	-2.30e-03	0.0	80.0	-348.57	346.86	39.45	-4175.77	334.01	2433.86
196	367	624.72	334.00	-2.87e-04	-240.00	0.0	-287.56	579.27	41.57	-4373.82	-3009.55	-1.617e+04
		-1.617e+04	-3009.55	-2.30e-03	0.0	80.0	-287.56	339.27	41.57	-4373.82	334.00	624.72
196	373	-427.81	-1698.62	-3.17e-04	-240.00	0.0	-163.90	541.37	5.07	-3712.92	-2098.49	-1.684e+04
		-1.684e+04	-2098.49	-1.54e-03	0.0	80.0	-163.90	301.37	5.07	-3712.92	-1698.62	-427.81
196	374	6838.94	-1628.62	-3.17e-04	-240.00	0.0	-381.34	567.74	-0.81	-3066.27	-1628.62	-1.162e+04
		-1.162e+04	-1698.62	-1.54e-03	0.0	80.0	-381.34	327.74	-0.81	-3066.27	-1698.62	6838.94
196	376	6125.06	-760.49	-3.04e-04	-240.00	0.0	-405.64	581.32	16.79	-3475.53	-2108.69	-1.208e+04
		-1.208e+04	-2108.69	-1.89e-03	0.0	80.0	-405.64	341.32	16.79	-3475.53	-760.49	6125.06
196	379	-1124.92	-760.49	-3.04e-04	-240.00	0.0	-186.67	554.72	22.79	-4122.33	-2589.17	-1.735e+04
		-1.735e+04	-2589.17	-1.89e-03	0.0	80.0	-186.67	314.72	22.79	-4122.33	-760.49	-1124.92
197	97	-2.720e+04	-8.147e+04	3.84e-04	-648.00	0.0	-98.32	59.48	-77.92	-6082.57	-8.147e+04	-3.866e+04
		-4.166e+04	-9.394e+04	0.04	0.0	160.0	-98.32	-588.52	-77.92	-6082.57	-9.394e+04	-4.166e+04
197	106	4044.47	-1.798e+04	4.48e-04	-480.00	0.0	1070.65	-631.29	-216.87	-1.414e+04	-1.798e+04	4044.47
		-7.965e+04	-5.268e+04	0.02	0.0	160.0	1070.65	-1111.29	-216.87	-1.414e+04	-5.268e+04	-7.965e+04
197	127	-1.520e+04	1570.22	7.90e-04	-648.00	0.0	455.85	-563.88	-262.91	-1.656e+04	1570.22	-1.520e+04
		-1.115e+05	-4.050e+04	9.43e-03	0.0	160.0	455.85	-1211.88	-262.91	-1.656e+04	-4.050e+04	-1.115e+05
197	128	5431.69	1.515e+04	6.81e-04	-480.00	0.0	961.57	-792.51	-275.52	-1.740e+04	1.515e+04	5431.69
		-1.086e+05	-2.894e+04	3.90e-03	0.0	160.0	961.57	-1272.51	-275.52	-1.740e+04	-2.894e+04	-1.086e+05
197	161	-1.746e+04	-4.477e+04	3.93e-04	-648.00	0.0	-1420.06	688.66	27.93	1964.14	-4.924e+04	-6.246e+04
		-6.246e+04	-4.924e+04	0.02	0.0	160.0	-1420.06	40.66	27.93	1964.14	-4.477e+04	-1.770e+04
197	210	-1.165e+04	1015.00	5.80e-04	-480.00	0.0	373.39	-419.47	-193.22	-1.229e+04	1015.00	-1.165e+04
		-8.177e+04	-2.990e+04	6.99e-03	0.0	160.0	373.39	-899.47	-193.22	-1.229e+04	-2.990e+04	-8.177e+04
197	255	-1.128e+04	-5.288e+04	2.60e-04	-480.00	0.0	-693.88	429.23	23.00	1167.49	-5.656e+04	-4.418e+04
		-4.418e+04	-5.656e+04	0.03	0.0	160.0	-693.88	-50.77	23.00	1167.49	-5.288e+04	-1.148e+04
197	270	-1.100e+04	1465.57	5.81e-04	-480.00	0.0	366.74	-423.57	-194.73	-1.232e+04	1465.57	-1.100e+04
		-8.241e+04	-2.969e+04	6.84e-03	0.0	160.0	366.74	-903.57	-194.73	-1.232e+04	-2.969e+04	-8.241e+04
197	287	-1.304e+04	-3.278e+04	2.84e-04	-480.00	0.0	-1004.83	497.11	19.97	1380.58	-3.598e+04	-4.531e+04
		-4.531e+04	-3.598e+04	0.02	0.0	160.0	-1004.83	17.11	19.97	1380.58	-3.278e+04	-1.329e+04
197	310	-1.476e+04	-2.925e+04	2.58e-04	-480.00	0.0	-853.06	440.88	14.58	1222.79	-3.158e+04	-3.946e+04
		-3.946e+04	-3.158e+04	0.01	0.0	160.0	-853.06	-39.12	14.58	1222.79	-2.925e+04	-1.626e+04
197	311	-2.585e+04	-5281.52	4.77e-04	-480.00	0.0	-104.61	-61.82	-109.08	-7004.86	-5281.52	-2.634e+04
		-5.605e+04	-2.273e+04	6.66e-03	0.0	160.0	-104.61	-541.82	-109.08	-7004.86	-2.273e+04	-5.605e+04
197	322	-1.002e+04	-4.570e+04	2.58e-04	-480.00	0.0	-677.78	437.67	24.78	1084.30	-4.967e+04	-4.518e+04
		-4.518e+04	-4.570e+04	0.02	0.0	160.0	-677.78	-42.33	24.78	1084.30	-4.570e+04	-1.007e+04
197	324	-1.283e+04	-3.027e+04	2.56e-04	-480.00	0.0	-784.54	443.56	18.65	1104.44	-3.325e+04	-4.181e+04
		-4.181e+04	-3.325e+04	0.01	0.0	160.0	-784.54	-36.44	18.65	1104.44	-3.027e+04	-1.349e+04
197	341	-9619.31	-2.891e+04	2.59e-04	-480.00	0.0	-701.02	481.44	35.34	-255.44	-3.473e+04	-4.563e+04
		-4.563e+04	-3.473e+04	0.01	0.0	160.0	-701.02	1.44	35.34	-255.44	-2.891e+04	-9619.31
197	342	-1.601e+04	-3.077e+04	2.69e-04	-480.00	0.0	-927.30	397.57	-3.07	2729.64	-3.077e+04	-3.935e+04
		-3.935e+04	-3.126e+04	0.01	0.0	160.0	-927.30	-82.43	-3.07	2729.64	-3.126e+04	-1.782e+04
197	343	-9100.29	-2.927e+04	2.44e-04	-480.00	0.0	-641.78	489.55	40.37	-520.76	-3.573e+04	-4.426e+04
		-4.426e+04	-3.573e+04	0.02	0.0	160.0	-641.78	9.55	40.37	-520.76	-2.927e+04	-9155.98
197	347	-9032.16	-2.925e+04	2.44e-04	-480.00	0.0	-642.08	489.79	40.57	-515.47	-3.576e+04	-4.428e+04
		-4.428e+04	-3.576e+04	0.02	0.0	160.0	-642.08	9.79	40.57	-515.47	-2.925e+04	-9082.25
197	357	-1.288e+04	-2.982e+04	2.67e-04	-480.00	0.0	-823.85	441.93	16.98	1198.25	-3.269e+04	-4.329e+04
		-4.329e+04	-3.269e+04	0.01	0.0	160.0	-823.85	-38.07	16.98	1198.25	-2.982e+04	-1.333e+04
197	358	-1.375e+04	-3.009e+04	2.71e-04	-480.00	0.0	-846.53	431.41	11.91	1465.08	-3.214e+04	-4.266e+04
		-4.266e+04	-3.214e+04	0.01	0.0	160.0	-846.53	-48.59	11.91	1465.08	-3.009e+04	-1.442e+04
197	359	-1.191e+04	-3.044e+04	2.41e-04	-480.00	0.0	-722.55	455.71	25.39	743.80	-3.436e+04	-4.096e+04
		-4.096e+04	-3.436e+04	0.02	0.0	160.0	-722.55	-24.29	25.39	743.80	-3.044e+04	-1.256e+04
197	373	-1.150e+04	-2.972e+04	2.55e-04	-480.00	0.0	-761.93	459.04	25.84	727.89	-3.214e+04	-4.320e+04
		-4.320e+04	-3.391e+04	0.01	0.0	160.0	-761.93	-20.96	25.84	727.89	-2.972e+04	-1.179e+04
197	379	-1.119e+04	-2.990e+04	2.47e-04	-480.00	0.0	-731.68	463.28	28.46	594.33	-3.442e+04	-4.251e+04
		-4.251e+04	-3.442e+04	0.02	0.0	160.0	-731.68	-16.72	28.46	594.33	-2.990e+04	-1.152e+04
198	17	-5.530e+04	4.595e+04	1.42e-03	-648.00	0.0	-3090.15	-579.68	127.55	8264.37	2.554e+04	-5.530e+04
		-1.493e+05	2.554e+04	-0.02	0.0	160.0	-3090.15	-1227.68	127.55	8264.37	4.595e+04	-1.493e+05
198	26	1.000e+04	3.425e+04	5.46e-04	-480.00	0.0	1224.99	-773.70	260.63	1.659e+04	-7449.61	1.000e+04

		-9.648e+04	-7449.61	-6.68e-03	0.0	160.0	1224.99	-1253.70	260.63	1.659e+04	3.425e+04	-9.648e+04
198	49	-2.712e+04	8.654e+04	3.84e-04	-648.00	0.0	-141.01	67.70	78.87	6022.78	7.392e+04	-3.793e+04
		-4.238e+04	7.392e+04	-0.04	0.0	160.0	-141.01	-580.30	78.87	6022.78	8.654e+04	-4.238e+04
198	150	1.098e+04	3.394e+04	5.47e-04	-480.00	0.0	1215.00	-779.85	262.89	1.663e+04	-8125.45	1.098e+04
		-9.744e+04	-8125.45	-6.47e-03	0.0	160.0	1215.00	-1259.85	262.89	1.663e+04	3.394e+04	-9.744e+04
198	177	-8.100e+04	2.428e+04	1.40e-03	-648.00	0.0	-4118.56	2.88	13.76	365.66	2.208e+04	-8.179e+04
		-1.209e+05	2.208e+04	-0.01	0.0	160.0	-4118.56	-645.12	13.76	365.66	2.428e+04	-1.209e+05
198	219	-2.312e+04	1.794e+04	4.39e-04	-480.00	0.0	-84.35	-19.47	102.95	6004.35	1468.89	-2.347e+04
		-5.424e+04	1468.89	-4.66e-03	0.0	160.0	-84.35	-499.47	102.95	6004.35	1.794e+04	-5.424e+04
198	231	-1.170e+04	5.168e+04	2.60e-04	-480.00	0.0	-721.59	434.43	-22.34	-1205.18	5.168e+04	-4.369e+04
		-4.369e+04	4.811e+04	-0.02	0.0	160.0	-721.59	-45.57	-22.34	-1205.18	4.811e+04	-1.196e+04
198	276	-5.590e+04	1.784e+04	1.02e-03	-480.00	0.0	-2912.80	-49.22	15.22	482.98	1.540e+04	-5.591e+04
		-9.183e+04	1.540e+04	-7.83e-03	0.0	160.0	-2912.80	-529.22	15.22	482.98	1.784e+04	-9.183e+04
198	281	-2.258e+04	1.773e+04	4.40e-04	-480.00	0.0	-91.01	-23.58	104.46	6032.08	1018.32	-2.282e+04
		-5.488e+04	1018.32	-4.51e-03	0.0	160.0	-91.01	-503.58	104.46	6032.08	1.773e+04	-5.488e+04
198	289	-2.064e+04	5.630e+04	2.96e-04	-480.00	0.0	-247.62	72.50	62.36	4488.51	4.632e+04	-2.774e+04
		-3.310e+04	4.632e+04	-0.02	0.0	160.0	-247.62	-407.50	62.36	4488.51	5.630e+04	-3.310e+04
198	295	-5.943e+04	1.833e+04	1.03e-03	-480.00	0.0	-3007.31	-9.09	10.62	343.52	1.663e+04	-5.993e+04
		-8.954e+04	1.663e+04	-8.23e-03	0.0	160.0	-3007.31	-489.09	10.62	343.52	1.833e+04	-8.954e+04
198	312	-5.115e+04	2.416e+04	8.21e-04	-480.00	0.0	-2311.73	76.22	2.39	175.41	2.377e+04	-5.481e+04
		-6.952e+04	2.377e+04	-0.01	0.0	160.0	-2311.73	-403.78	2.39	175.41	2.416e+04	-6.952e+04
198	313	-2.542e+04	2.408e+04	3.86e-04	-480.00	0.0	-195.39	95.45	69.32	4337.23	1.299e+04	-2.999e+04
		-4.181e+04	1.299e+04	-8.73e-03	0.0	160.0	-195.39	-384.55	69.32	4337.23	2.408e+04	-4.181e+04
198	316	-1.004e+04	5.065e+04	2.58e-04	-480.00	0.0	-673.32	435.88	-24.65	-1069.92	5.065e+04	-4.516e+04
		-4.516e+04	4.670e+04	-0.02	0.0	160.0	-673.32	-44.12	-24.65	-1069.92	4.670e+04	-1.010e+04
198	324	-1.283e+04	3.325e+04	2.56e-04	-480.00	0.0	-784.54	443.56	-18.65	-1104.44	3.325e+04	-4.181e+04
		-4.181e+04	3.027e+04	-0.01	0.0	160.0	-784.54	-36.44	-18.65	-1104.44	3.027e+04	-1.349e+04
198	329	-1.098e+04	3.547e+04	2.27e-04	-480.00	0.0	-662.95	467.76	-32.14	-393.48	3.547e+04	-4.017e+04
		-4.017e+04	3.060e+04	-0.02	0.0	160.0	-662.95	-12.24	-32.14	-393.48	3.060e+04	-1.161e+04
198	332	-1.468e+04	3.103e+04	2.85e-04	-480.00	0.0	-906.13	419.36	-5.16	-1815.40	3.103e+04	-4.345e+04
		-4.345e+04	2.993e+04	-0.01	0.0	160.0	-906.13	-60.64	-5.16	-1815.40	2.993e+04	-1.537e+04
198	343	-1.067e+04	3.398e+04	2.62e-04	-480.00	0.0	-764.84	472.67	-28.81	-568.28	3.398e+04	-4.499e+04
		-4.499e+04	2.926e+04	-0.01	0.0	160.0	-764.84	-7.33	-28.81	-568.28	2.926e+04	-1.079e+04
198	351	-9949.49	3.458e+04	2.53e-04	-480.00	0.0	-737.96	475.10	-33.20	-341.20	3.458e+04	-4.462e+04
		-4.462e+04	2.917e+04	-0.02	0.0	160.0	-737.96	-4.90	-33.20	-341.20	2.917e+04	-1.004e+04
198	353	-9361.62	3.561e+04	2.38e-04	-480.00	0.0	-679.02	483.45	-38.43	-81.17	3.561e+04	-4.327e+04
		-4.327e+04	2.951e+04	-0.02	0.0	160.0	-679.02	3.45	-38.43	-81.17	2.951e+04	-9501.16
198	361	-1.191e+04	3.436e+04	2.41e-04	-480.00	0.0	-722.55	455.71	-25.39	-743.81	3.436e+04	-4.096e+04
		-4.096e+04	3.044e+04	-0.02	0.0	160.0	-722.55	-24.29	-25.39	-743.81	3.044e+04	-1.256e+04
198	363	-1.288e+04	3.269e+04	2.67e-04	-480.00	0.0	-823.85	441.93	-16.98	-1198.25	3.269e+04	-4.329e+04
		-4.329e+04	2.982e+04	-0.01	0.0	160.0	-823.85	-38.07	-16.98	-1198.25	2.982e+04	-1.333e+04
198	364	-1.375e+04	3.214e+04	2.71e-04	-480.00	0.0	-846.53	431.41	-11.91	-1465.08	3.214e+04	-4.266e+04
		-4.266e+04	3.009e+04	-0.01	0.0	160.0	-846.53	-48.59	-11.91	-1465.08	3.009e+04	-1.442e+04
198	383	-1.150e+04	3.391e+04	2.55e-04	-480.00	0.0	-761.93	459.04	-25.84	-727.89	3.391e+04	-4.320e+04
		-4.320e+04	2.972e+04	-0.01	0.0	160.0	-761.93	-20.96	-25.84	-727.89	2.972e+04	-1.179e+04
198	385	-1.119e+04	3.442e+04	2.47e-04	-480.00	0.0	-731.68	463.28	-28.46	-594.34	3.442e+04	-4.251e+04
		-4.251e+04	2.990e+04	-0.02	0.0	160.0	-731.68	-16.72	-28.46	-594.34	2.990e+04	-1.152e+04
199	17	2.302e+05	3938.40	-6.41e-03	-324.00	0.0	2023.34	6574.94	-190.73	7819.24	3938.40	-1.464e+05
		-1.464e+05	-1.132e+04	2.93e-03	0.0	80.0	2023.34	6250.94	-190.73	7819.24	-1.132e+04	2.302e+05
199	18	2.297e+05	2991.26	-6.31e-03	-240.00	0.0	2153.37	6376.35	-184.44	6482.92	2991.26	-1.409e+05
		-1.409e+05	-1.176e+04	2.31e-03	0.0	80.0	2153.37	6136.35	-184.44	6482.92	-1.176e+04	2.297e+05
199	121	4795.36	1645.30	-4.20e-04	-324.00	0.0	-599.86	753.25	3.63	4615.88	1354.76	-1.052e+04
		-1.052e+04	1354.76	2.14e-03	0.0	80.0	-599.86	429.25	3.63	4615.88	1645.30	4795.36
199	150	1.266e+04	4151.24	-7.38e-04	-240.00	0.0	313.54	368.57	527.54	2.840e+04	-3.805e+04	1.266e+04
		-4712.36	-3.805e+04	3.53e-03	0.0	80.0	313.54	128.57	527.54	2.840e+04	4151.24	-4712.36
199	177	2.271e+05	1.638e+04	-6.15e-03	-324.00	0.0	1550.47	6610.81	-355.57	-2575.83	1.638e+04	-1.526e+05
		-1.526e+05	-1.206e+04	1.93e-03	0.0	80.0	1550.47	6286.81	-355.57	-2575.83	-1.206e+04	2.271e+05
199	244	3129.69	3673.78	-3.05e-04	-240.00	0.0	-443.12	560.86	-30.06	3955.44	3673.78	-9943.40
		-9943.40	1269.25	2.12e-03	0.0	80.0	-443.12	320.86	-30.06	3955.44	1269.25	3129.69
199	281	1550.41	2852.67	-4.32e-04	-240.00	0.0	-211.81	442.78	265.01	1.439e+04	-1.835e+04	1344.71
		-5409.70	-1.835e+04	1.99e-03	0.0	80.0	-211.81	202.78	265.01	1.439e+04	2852.67	-5409.70
199	295	1.682e+05	1.219e+04	-4.55e-03	-240.00	0.0	1160.71	4896.24	-264.05	-1887.76	1.219e+04	-1.133e+05
		-1.133e+05	-8935.94	1.44e-03	0.0	80.0	1160.71	4656.24	-264.05	-1887.76	-8935.94	1.682e+05
199	310	3310.27	1875.19	-3.10e-04	-240.00	0.0	-383.29	561.76	-8.07	3525.54	1875.19	-1.070e+04
		-1.070e+04	1229.55	1.71e-03	0.0	80.0	-383.29	321.76	-8.07	3525.54	1229.55	3310.27
199	312	1.265e+05	1.014e+04	-3.49e-03	-240.00	0.0	859.00	3809.46	-206.56	-335.63	1.014e+04	-9.083e+04
		-9.083e+04	-6386.40	1.60e-03	0.0	80.0	859.00	3569.46	-206.56	-335.63	-6386.40	1.265e+05
199	313	-2407.54	2455.06	-4.01e-04	-240.00	0.0	-148.93	474.94	187.41	1.180e+04	-1.254e+04	-6192.36
		-6192.36	-1.254e+04	1.98e-03	0.0	80.0	-148.93	234.94	187.41	1.180e+04	2455.06	-3736.65
199	324	2848.64	2103.59	-3.10e-04	-240.00	0.0	-284.77	561.34	-10.93	3594.22	2103.59	-1.446e+04
		-1.446e+04	1229.55	1.71e-03	0.0	80.0	-284.77	321.34	-10.93	3594.22	1229.55	2848.64
199	325	-1265.74	3855.24	-2.63e-04	-240.00	0.0	-311.15	597.61	-71.01	5106.34	3855.24	-1.715e+04
		-1.715e+04	-1907.73	2.89e-03	0.0	80.0	-311.15	357.61	-71.01	5106.34	-1907.73	-1265.74
199	328	6963.03	4366.84	-3.58e-04	-240.00	0.0	-258.39	525.07	49.16	2082.10	351.94	-1.177e+04
		-1.177e+04	351.94	5.37e-04	0.0	80.0	-258.39	285.07	49.16	2082.10	4366.84	6963.03
199	350	9512.13	2101.52	-2.97e-04	-240.00	0.0	-528.91	601.47	-22.43	3352.09	2101.52	-9632.90
		-9632.90	296.88	2.07e-03	0.0	80.0	-528.91	361.47	-22.43	3352.09	296.88	9512.13

199	351	-3814.85	2162.23	-3.24e-04	-240.00	0.0	-40.62	521.21	0.58	3836.35	2105.66	-1.928e+04
		-1.928e+04	2105.66	1.36e-03	0.0	80.0	-40.62	281.21	0.58	3836.35	2162.23	-3814.85
199	352	1.091e+04	2162.20	-3.24e-04	-240.00	0.0	-481.11	574.78	12.48	2534.28	1153.10	-8726.61
		-8726.61	1153.10	1.36e-03	0.0	80.0	-481.11	334.78	12.48	2534.28	2162.20	1.091e+04
199	353	-5174.85	3075.20	-2.97e-04	-240.00	0.0	-85.34	547.45	-34.60	4654.29	3075.20	-2.030e+04
		-2.030e+04	296.91	2.06e-03	0.0	80.0	-85.34	307.45	-34.60	4654.29	296.91	-5174.85
199	362	2748.85	2833.23	-2.87e-04	-240.00	0.0	-357.89	587.93	-39.37	4179.32	2833.23	-1.444e+04
		-1.444e+04	-334.01	2.30e-03	0.0	80.0	-357.89	347.93	-39.37	4179.32	-334.01	2748.85
199	369	624.73	3009.55	-2.87e-04	-240.00	0.0	-287.56	579.27	-41.57	4373.82	3009.55	-1.617e+04
		-1.617e+04	-334.00	2.30e-03	0.0	80.0	-287.56	339.27	-41.57	4373.82	-334.00	624.73
199	382	6125.07	2108.69	-3.04e-04	-240.00	0.0	-405.64	581.32	-16.79	3475.53	2108.69	-1.208e+04
		-1.208e+04	760.48	1.89e-03	0.0	80.0	-405.64	341.32	-16.79	3475.53	760.48	6125.07
199	383	-427.79	2098.49	-3.17e-04	-240.00	0.0	-163.90	541.37	-5.07	3712.91	2098.49	-1.684e+04
		-1.684e+04	1698.63	1.54e-03	0.0	80.0	-163.90	301.37	-5.07	3712.91	1698.63	-427.79
199	384	6838.95	1698.61	-3.17e-04	-240.00	0.0	-381.33	567.74	0.81	3066.27	1628.61	-1.162e+04
		-1.162e+04	1628.61	1.54e-03	0.0	80.0	-381.33	327.74	0.81	3066.27	1698.61	6838.95
199	385	-1124.90	2589.17	-3.04e-04	-240.00	0.0	-186.67	554.72	-22.79	4122.32	2589.17	-1.735e+04
		-1.735e+04	760.49	1.89e-03	0.0	80.0	-186.67	314.72	-22.79	4122.32	760.49	-1124.90
200	17	-9.904e+04	5.927e+04	1.96e-03	-648.00	0.0	-4994.53	-279.85	148.66	9523.10	3.549e+04	-9.904e+04
		-1.712e+05	3.549e+04	-0.02	0.0	160.0	-4994.53	-927.85	148.66	9523.10	5.927e+04	-1.712e+05
200	49	-8781.07	1.007e+05	6.73e-04	-648.00	0.0	-939.71	-394.83	127.04	7741.67	8.041e+04	-8781.07
		-1.036e+05	8.041e+04	-0.04	0.0	160.0	-939.71	-1042.83	127.04	7741.67	1.007e+05	-1.036e+05
200	149	349.31	8.280e+04	1.27e-03	-648.00	0.0	-653.40	-1295.23	301.80	1.984e+04	3.451e+04	349.31
		-1.829e+05	3.451e+04	-0.03	0.0	160.0	-653.40	-1943.23	301.80	1.984e+04	8.280e+04	-1.829e+05
200	150	3315.64	6.922e+04	1.15e-03	-480.00	0.0	-402.32	-1234.60	289.19	1.901e+04	2.295e+04	3315.64
		-1.623e+05	2.295e+04	-0.02	0.0	160.0	-402.32	-1714.60	289.19	1.901e+04	6.922e+04	-1.623e+05
200	178	-9.492e+04	1.500e+04	1.52e-03	-480.00	0.0	-4633.42	270.41	32.26	1838.22	9833.95	-1.043e+05
		-1.048e+05	9833.95	-5.85e-03	0.0	160.0	-4633.42	-209.59	32.26	1838.22	1.500e+04	-1.048e+05
200	188	-123.22	6.737e+04	1.12e-03	-480.00	0.0	-312.54	-1174.41	282.29	1.880e+04	2.221e+04	-123.22
		-1.563e+05	2.221e+04	-0.02	0.0	160.0	-312.54	-1654.41	282.29	1.880e+04	6.737e+04	-1.563e+05
200	270	-2965.67	6.847e+04	5.13e-04	-480.00	0.0	-740.40	-347.46	101.83	6044.93	5.217e+04	-2965.67
		-8.151e+04	5.217e+04	-0.03	0.0	160.0	-740.40	-827.46	101.83	6044.93	6.847e+04	-8.151e+04
200	276	-7.499e+04	2.735e+04	1.23e-03	-480.00	0.0	-3667.59	122.66	36.97	2089.02	1.651e+04	-7.499e+04
		-9.616e+04	1.651e+04	-9.17e-03	0.0	160.0	-3667.59	-357.34	36.97	2089.02	2.243e+04	-9.616e+04
200	281	-5746.91	3.898e+04	6.99e-04	-480.00	0.0	-393.18	-589.45	146.97	9606.63	1.547e+04	-5746.91
		-1.011e+05	1.547e+04	-0.01	0.0	160.0	-393.18	-1069.45	146.97	9606.63	3.898e+04	-1.011e+05
200	300	-8039.48	3.775e+04	6.83e-04	-480.00	0.0	-333.33	-549.32	142.37	9467.17	1.497e+04	-8039.48
		-9.710e+04	1.497e+04	-0.01	0.0	160.0	-333.33	-1029.32	142.37	9467.17	3.775e+04	-9.710e+04
200	310	-1.056e+04	3.492e+04	2.54e-04	-480.00	0.0	-567.26	33.75	22.72	986.10	3.129e+04	-1.072e+04
		-4.416e+04	3.129e+04	-0.02	0.0	160.0	-567.26	-446.25	22.72	986.10	3.492e+04	-4.416e+04
200	311	-1.062e+04	5.236e+04	3.53e-04	-480.00	0.0	-590.56	-94.26	49.52	3028.02	4.444e+04	-1.062e+04
		-5.585e+04	4.444e+04	-0.02	0.0	160.0	-590.56	-574.26	49.52	3028.02	5.236e+04	-5.585e+04
200	312	-6.073e+04	2.561e+04	9.77e-04	-480.00	0.0	-2811.77	132.98	27.20	1826.51	2.126e+04	-6.467e+04
		-7.845e+04	2.126e+04	-0.01	0.0	160.0	-2811.77	-347.02	27.20	1826.51	2.561e+04	-7.845e+04
200	313	-1.083e+04	3.803e+04	5.78e-04	-480.00	0.0	-355.96	-401.09	109.70	7464.72	2.048e+04	-1.083e+04
		-8.217e+04	2.048e+04	-0.01	0.0	160.0	-355.96	-881.09	109.70	7464.72	3.803e+04	-8.217e+04
200	324	-1.283e+04	3.325e+04	2.56e-04	-480.00	0.0	-515.92	36.44	18.65	1104.44	3.027e+04	-1.349e+04
		-4.181e+04	3.027e+04	-0.01	0.0	160.0	-515.92	-443.56	18.65	1104.44	3.325e+04	-4.181e+04
200	338	-1.098e+04	3.547e+04	2.27e-04	-480.00	0.0	-394.33	12.24	32.14	393.48	3.060e+04	-1.161e+04
		-4.017e+04	3.060e+04	-0.02	0.0	160.0	-394.33	-467.76	32.14	393.48	3.547e+04	-4.017e+04
200	339	-1.468e+04	3.103e+04	2.85e-04	-480.00	0.0	-637.51	60.64	5.16	1815.40	2.993e+04	-1.537e+04
		-4.345e+04	2.993e+04	-0.01	0.0	160.0	-637.51	-419.36	5.16	1815.40	3.103e+04	-4.345e+04
200	340	-1.288e+04	3.213e+04	2.78e-04	-480.00	0.0	-591.79	39.29	15.40	1277.87	2.938e+04	-1.316e+04
		-4.472e+04	2.938e+04	-0.01	0.0	160.0	-591.79	-440.71	15.40	1277.87	3.213e+04	-4.472e+04
200	350	-9361.62	3.561e+04	2.38e-04	-480.00	0.0	-410.40	-3.45	38.43	81.17	2.951e+04	-9501.16
		-4.327e+04	2.951e+04	-0.02	0.0	160.0	-410.40	-483.45	38.43	81.17	3.561e+04	-4.327e+04
200	356	-9949.49	3.458e+04	2.53e-04	-480.00	0.0	-469.34	4.90	33.20	341.20	2.917e+04	-1.004e+04
		-4.462e+04	2.917e+04	-0.02	0.0	160.0	-469.34	-475.10	33.20	341.20	3.458e+04	-4.462e+04
200	370	-1.191e+04	3.436e+04	2.41e-04	-480.00	0.0	-453.92	24.29	25.39	743.81	3.044e+04	-1.256e+04
		-4.096e+04	3.044e+04	-0.02	0.0	160.0	-453.92	-455.71	25.39	743.81	3.436e+04	-4.096e+04
200	371	-1.375e+04	3.214e+04	2.71e-04	-480.00	0.0	-577.91	48.59	11.91	1465.08	3.009e+04	-1.442e+04
		-4.266e+04	3.009e+04	-0.01	0.0	160.0	-577.91	-431.41	11.91	1465.08	3.214e+04	-4.266e+04
200	372	-1.288e+04	3.269e+04	2.67e-04	-480.00	0.0	-555.23	38.07	16.98	1198.25	2.982e+04	-1.333e+04
		-4.329e+04	2.982e+04	-0.01	0.0	160.0	-555.23	-441.93	16.98	1198.25	3.269e+04	-4.329e+04
200	382	-1.119e+04	3.442e+04	2.47e-04	-480.00	0.0	-463.06	16.72	28.46	594.34	2.990e+04	-1.152e+04
		-4.251e+04	2.990e+04	-0.02	0.0	160.0	-463.06	-463.28	28.46	594.34	3.442e+04	-4.251e+04
200	388	-1.150e+04	3.391e+04	2.55e-04	-480.00	0.0	-493.31	20.96	25.84	727.89	2.972e+04	-1.179e+04
		-4.320e+04	2.972e+04	-0.01	0.0	160.0	-493.31	-459.04	25.84	727.89	3.391e+04	-4.320e+04
201	34	-1.156e+07	8.465e+05	-3.29e-04	0.0	0.0	-1.627e+04	1.562e+05	-5413.34	-2.532e+06	8.465e+05	-2.406e+07
		-2.406e+07	4.135e+05	-1.71e-04	0.0	80.0	-1.627e+04	1.562e+05	-5413.34	-2.532e+06	4.135e+05	-1.156e+07
201	41	-1.291e+07	5.073e+05	-3.30e-04	0.0	0.0	-1.895e+04	1.739e+05	7066.41	2.402e+06	-1.073e+06	-2.682e+07
		-2.682e+07	-1.073e+06	1.96e-04	0.0	80.0	-1.895e+04	1.739e+05	7066.41	2.402e+06	-5.073e+05	-1.291e+07
201	122	-2.810e+06	-6863.72	1.64e-04	0.0	0.0	-1.150e+04	4.517e+04	359.63	-2.857e+04	-3.563e+04	-6.424e+06
		-6.424e+06	-3.563e+04	6.55e-05	0.0	80.0	-1.150e+04	4.517e+04	359.63	-2.857e+04	-6863.72	-2.810e+06
201	197	-1.300e+07	8.445e+05	-3.57e-04	0.0	0.0	-1.765e+04	1.738e+05	-5408.73	-2.532e+06	8.445e+05	-2.691e+07
		-2.691e+07	4.118e+05	-1.79e-04	0.0	80.0	-1.765e+04	1.738e+05	-5408.73	-2.532e+06	4.118e+05	-1.300e+07
201	206	-3.243e+06	-373.90	-1.77e-05	0.0	0.0	-5470.13	4.509e+04	2.87	198.48	-603.67	-6.851e+06

	-6.851e+06	-603.67	0.0	0.0	80.0	-5470.13	4.509e+04	2.87	198.48	-373.90	-3.243e+06
201	223-7.403e+06	6.344e+05	-8.79e-05	0.0	0.0	-1.060e+04	1.014e+05	-4044.83	-1.873e+06	6.344e+05	-1.551e+07
	-1.551e+07	3.108e+05	-1.10e-04	0.0	80.0	-1.060e+04	1.014e+05	-4044.83	-1.873e+06	3.108e+05	-7.403e+06
201	227-7.365e+06	-3.711e+05	-8.34e-05	0.0	0.0	-1.106e+04	1.014e+05	5198.59	1.782e+06	-7.870e+05	-1.547e+07
	-1.547e+07	-7.870e+05	1.62e-04	0.0	80.0	-1.106e+04	1.014e+05	5198.59	1.782e+06	-3.711e+05	-7.365e+06
201	252-2.999e+06	1.134e+05	9.02e-05	0.0	0.0	-1.071e+04	4.641e+04	-672.01	5.403e+04	1.134e+05	-6.711e+06
	-6.711e+06	5.962e+04	3.64e-05	0.0	80.0	-1.071e+04	4.641e+04	-672.01	5.403e+04	5.962e+04	-2.999e+06
201	270-5.215e+06	1.378e+05	-9.34e-05	0.0	0.0	-1.350e+04	7.382e+04	-869.52	7.037e+04	1.378e+05	-1.112e+07
	-1.112e+07	6.826e+04	1.72e-05	0.0	80.0	-1.350e+04	7.382e+04	-869.52	7.037e+04	6.826e+04	-5.215e+06
201	287-3.274e+06	-9038.29	3.86e-05	0.0	0.0	-7224.79	4.630e+04	249.78	-1.961e+04	-2.902e+04	-6.978e+06
	-6.978e+06	-2.902e+04	1.90e-05	0.0	80.0	-7224.79	4.630e+04	249.78	-1.961e+04	-9038.29	-3.274e+06
201	305-7.432e+06	6.332e+05	-1.02e-04	0.0	0.0	-1.014e+04	1.013e+05	-4042.51	-1.873e+06	6.332e+05	-7.403e+06
	-1.553e+07	3.098e+05	-1.15e-04	0.0	80.0	-1.014e+04	1.013e+05	-4042.51	-1.873e+06	3.098e+05	-7.432e+06
201	310-3.197e+06	5424.93	6.21e-05	0.0	0.0	-8338.31	4.641e+04	-8.89	1053.13	5424.93	-6.910e+06
	-6.910e+06	4713.46	2.89e-05	0.0	80.0	-8338.31	4.641e+04	-8.89	1053.13	4713.46	-3.197e+06
201	314-6.549e+06	4.954e+05	-1.31e-04	0.0	0.0	-7533.84	8.763e+04	-3215.11	-1.390e+06	4.954e+05	-6.549e+06
	-1.356e+07	2.382e+05	-1.03e-04	0.0	80.0	-7533.84	8.763e+04	-3215.11	-1.390e+06	2.382e+05	-6.549e+06
201	315-6.521e+06	-2.732e+05	-1.28e-04	0.0	0.0	-7873.72	8.763e+04	3717.46	1.351e+06	-5.706e+05	-1.353e+07
	-1.353e+07	-5.706e+05	1.00e-04	0.0	80.0	-7873.72	8.763e+04	3717.46	1.351e+06	-2.732e+05	-6.521e+06
201	317-3.587e+06	6.232e+05	-2.62e-05	0.0	0.0	-5501.09	4.827e+04	10.99	7.334e+04	-2.531e+04	-3.587e+06
	-7.449e+06	-2.619e+04	3.84e-05	0.0	80.0	-5501.09	4.827e+04	10.99	7.334e+04	-2.531e+04	-3.587e+06
201	324-3.417e+06	-397.61	-1.84e-05	0.0	0.0	-5575.24	4.642e+04	2.96	205.16	-634.14	-7.131e+06
	-7.131e+06	-634.14	0.0	0.0	80.0	-5575.24	4.642e+04	2.96	205.16	-397.61	-3.417e+06
201	350-1.653e+06	2.495e+05	8.33e-04	0.0	0.0	-2.511e+04	4.216e+04	-1018.57	9.229e+04	9.448e+04	-5.093e+06
	-5.093e+06	9.448e+04	7.54e-04	0.0	80.0	-2.511e+04	4.216e+04	-1018.57	9.229e+04	2.495e+05	-1.653e+06
201	351-5.181e+06	-9.575e+04	-8.70e-04	0.0	0.0	1.395e+04	5.068e+04	1024.48	-9.188e+04	-9.575e+04	-9.169e+06
	-9.169e+06	-2.503e+05	-7.54e-04	0.0	80.0	1.395e+04	5.068e+04	1024.48	-9.188e+04	-2.503e+05	-5.181e+06
201	353-4.816e+06	-2.238e+05	-6.46e-04	0.0	0.0	1.173e+04	5.070e+04	1922.32	-2.150e+05	-2.238e+05	-8.458e+06
	-8.458e+06	-3.076e+05	-7.54e-04	0.0	80.0	1.173e+04	5.070e+04	1922.32	-2.150e+05	-3.076e+05	-4.816e+06
201	355-5.180e+06	-9.762e+04	-6.41e-04	0.0	0.0	1.370e+04	4.605e+04	1082.12	-9.590e+04	-9.762e+04	-9.174e+06
	-9.174e+06	-2.469e+05	-7.74e-04	0.0	80.0	1.370e+04	4.605e+04	1082.12	-9.590e+04	-2.469e+05	-5.180e+06
201	356-2.018e+06	3.068e+05	6.09e-04	0.0	0.0	-2.288e+04	4.215e+04	-1916.41	2.154e+05	2.225e+05	-5.804e+06
	-5.804e+06	2.225e+05	7.54e-04	0.0	80.0	-2.288e+04	4.215e+04	-1916.41	2.154e+05	3.068e+05	-2.018e+06
201	382-2.537e+06	1.237e+05	4.08e-04	0.0	0.0	-1.528e+04	4.428e+04	-502.69	4.536e+04	4.655e+04	-6.113e+06
	-6.113e+06	4.655e+04	3.74e-04	0.0	80.0	-1.528e+04	4.428e+04	-502.69	4.536e+04	1.237e+05	-2.537e+06
201	383-4.296e+06	-4.782e+04	-4.45e-04	0.0	0.0	4134.09	4.856e+04	508.61	-4.495e+04	-4.782e+04	-8.149e+06
	-8.149e+06	-1.244e+05	-3.74e-04	0.0	80.0	4134.09	4.856e+04	508.61	-4.495e+04	-1.244e+05	-4.296e+06
201	385-4.109e+06	-1.115e+05	-3.30e-04	0.0	0.0	3020.82	4.857e+04	956.12	-1.071e+05	-1.115e+05	-7.783e+06
	-7.783e+06	-1.529e+05	-3.74e-04	0.0	80.0	3020.82	4.857e+04	956.12	-1.071e+05	-1.529e+05	-4.109e+06
201	387-4.296e+06	-4.876e+04	-3.28e-04	0.0	0.0	4007.35	4.620e+04	537.11	-4.690e+04	-4.876e+04	-8.151e+06
	-8.151e+06	-1.227e+05	-3.84e-04	0.0	80.0	4007.35	4.620e+04	537.11	-4.690e+04	-1.227e+05	-4.296e+06
201	388-2.725e+06	1.521e+05	2.93e-04	0.0	0.0	-1.417e+04	4.427e+04	-950.21	1.076e+05	1.102e+05	-6.478e+06
	-6.478e+06	1.102e+05	3.74e-04	0.0	80.0	-1.417e+04	4.427e+04	-950.21	1.076e+05	1.521e+05	-2.725e+06
202	57-1.291e+07	8.397e+05	-3.30e-04	0.0	0.0	-1.898e+04	1.740e+05	-5408.71	-2.533e+06	8.397e+05	-2.682e+07
	-2.682e+07	4.070e+05	-1.92e-04	0.0	80.0	-1.898e+04	1.740e+05	-5408.71	-2.533e+06	4.070e+05	-1.291e+07
202	58-1.151e+07	8.397e+05	-3.22e-04	0.0	0.0	-1.691e+04	1.562e+05	-5408.91	-2.533e+06	8.397e+05	-2.401e+07
	-2.401e+07	4.070e+05	-1.92e-04	0.0	80.0	-1.691e+04	1.562e+05	-5408.91	-2.533e+06	4.070e+05	-1.151e+07
202	127-6.963e+06	3.912e+05	-1.05e-04	0.0	0.0	-1.958e+04	9.990e+04	-2545.74	2.036e+05	3.912e+05	-1.496e+07
	-1.496e+07	1.876e+05	1.60e-06	0.0	80.0	-1.958e+04	9.990e+04	-2545.74	2.036e+05	1.876e+05	-6.963e+06
202	142-2.716e+06	-6.765e+04	1.76e-04	0.0	0.0	-1.262e+04	4.518e+04	1086.58	-8.692e+04	-1.546e+05	-6.330e+06
	-6.330e+06	-1.546e+05	2.68e-06	0.0	80.0	-1.262e+04	4.518e+04	1086.58	-8.692e+04	-6.765e+04	-2.716e+06
202	149-6.996e+06	-3.905e+05	-1.48e-04	0.0	0.0	-1.906e+04	9.992e+04	6355.52	-5.095e+05	-8.990e+05	-1.499e+07
	-1.499e+07	-8.990e+05	7.40e-05	0.0	80.0	-1.906e+04	9.992e+04	6355.52	-5.095e+05	-3.905e+05	-6.996e+06
202	206-3.244e+06	-36.57	-1.77e-05	0.0	0.0	-5469.48	4.510e+04	0.51	-41.30	-77.11	-6.852e+06
	-6.852e+06	-77.11	0.0	0.0	80.0	-5469.48	4.510e+04	0.51	-41.30	-36.57	-3.244e+06
202	235-7.356e+06	6.278e+05	-7.94e-05	0.0	0.0	-1.118e+04	1.014e+05	-4055.22	-1.873e+06	6.278e+05	-1.547e+07
	-1.547e+07	3.034e+05	-1.43e-04	0.0	80.0	-1.118e+04	1.014e+05	-4055.22	-1.873e+06	3.034e+05	-7.356e+06
202	270-5.168e+06	2.957e+05	-8.94e-05	0.0	0.0	-1.408e+04	7.384e+04	-1928.56	1.543e+05	2.957e+05	-1.108e+07
	-1.108e+07	1.415e+05	1.39e-06	0.0	80.0	-1.408e+04	7.384e+04	-1928.56	1.543e+05	1.415e+05	-5.168e+06
202	281-2.981e+06	-2.873e+05	5.33e-05	0.0	0.0	-1.116e+04	4.651e+04	4659.20	-3.735e+05	-6.600e+05	-6.701e+06
	-6.701e+06	-6.600e+05	5.45e-05	0.0	80.0	-1.116e+04	4.651e+04	4659.20	-3.735e+05	-2.873e+05	-2.981e+06
202	282-2.947e+06	-2.212e+05	8.98e-05	0.0	0.0	-1.165e+04	4.650e+04	3584.08	-2.873e+05	-5.079e+05	-6.667e+06
	-6.667e+06	-5.079e+05	4.01e-05	0.0	80.0	-1.165e+04	4.650e+04	3584.08	-2.873e+05	-2.212e+05	-2.947e+06
202	287-3.244e+06	-2.130e+04	4.28e-05	0.0	0.0	-7598.92	4.630e+04	373.59	-2.987e+04	-5.119e+04	-6.948e+06
	-6.948e+06	-5.119e+04	-1.32e-06	0.0	80.0	-7598.92	4.630e+04	373.59	-2.987e+04	-2.130e+04	-3.244e+06
202	310-3.181e+06	-252.46	6.82e-05	0.0	0.0	-8546.47	4.642e+04	-7.49	630.37	-252.46	-6.895e+06
	-6.895e+06	-851.50	0.0	0.0	80.0	-8546.47	4.642e+04	-7.49	630.37	-851.50	-3.181e+06
202	313-3.282e+06	-1.992e+05	-4.10e-05	0.0	0.0	-7074.83	4.645e+04	3217.85	-2.580e+05	-4.566e+05	-6.998e+06
	-6.998e+06	-4.566e+05	4.22e-05	0.0	80.0	-7074.83	4.645e+04	3217.85	-2.580e+05	-1.992e+05	-3.282e+06
202	317-6.542e+06	5.092e+05	-1.29e-04	0.0	0.0	-7633.74	8.764e+04	-3319.13	-1.382e+06	5.092e+05	-1.355e+07
	-1.355e+07	2.437e+05	-1.06e-04	0.0	80.0	-7633.74	8.764e+04	-3319.13	-1.382e+06	2.437e+05	-6.542e+06
202	320-3.585e+06	-7806.88	-2.66e-05	0.0	0.0	-5540.04	4.828e+04	-107.70	8.238e+04	-7806.88	-7.447e+06
	-7.447e+06	-1.642e+04	4.00e-05	0.0	80.0	-5540.04	4.828e+04	-107.70	8.238e+04	-1.642e+04	-3.585e+06
202	324-3.418e+06	-37.62	-1.85e-05	0.0	0.0	-5574.59	4.643e+04	0.52	-42.46	-79.29	-7.132e+06
	-7.132e+06	-79.29	0.0	0.0	80.0	-5574.59	4.643e+04	0.52	-42.46	-37.62	-3.418e+06
202	330-2.641e+06	-1.557e+05	2.00e-04	0.0	0.0	-1.358e+04	4.852e+04	1776.50	-2.412e+05	-2.973e+05	-6.121e+06
	-6.121e+06	-2.973e+05	-1.85e-04	0.0	80.0	-1.358e+04	4.852e+04	1776.50	-2.412e+05	-1.557e+05	-2.641e+06

202	331	-4.194e+06	2.971e+05	-2.37e-04	0.0	0.0	2434.83	4.435e+04	-1775.46	2.411e+05	2.971e+05	-8.144e+06
		-8.144e+06	1.557e+05	1.85e-04	0.0	80.0	2434.83	4.435e+04	-1775.46	2.411e+05	1.557e+05	-4.194e+06
202	350	-1.463e+06	-1.641e+05	7.13e-04	0.0	0.0	-2.725e+04	4.523e+04	-180.06	4560.68	-1.641e+05	-4.977e+06
		-4.977e+06	-1.784e+05	-4.13e-04	0.0	80.0	-2.725e+04	4.523e+04	-180.06	4560.68	-1.784e+05	-1.463e+06
202	351	-5.372e+06	1.783e+05	-7.50e-04	0.0	0.0	1.610e+04	4.764e+04	181.10	-4645.60	1.639e+05	-9.287e+06
		-9.287e+06	1.639e+05	4.13e-04	0.0	80.0	1.610e+04	4.764e+04	181.10	-4645.60	1.783e+05	-5.372e+06
202	355	-5.370e+06	1.809e+05	-7.52e-04	0.0	0.0	1.598e+04	4.925e+04	275.28	-1.102e+04	1.576e+05	-9.289e+06
		-9.289e+06	1.576e+05	3.73e-04	0.0	80.0	1.598e+04	4.925e+04	275.28	-1.102e+04	1.809e+05	-5.370e+06
202	357	-3.505e+06	-7.371e+04	-9.06e-05	0.0	0.0	-4267.98	4.808e+04	1037.05	-1.374e+05	-1.538e+05	-7.139e+06
		-7.139e+06	-1.538e+05	-1.11e-04	0.0	80.0	-4267.98	4.808e+04	1037.05	-1.374e+05	-7.371e+04	-3.505e+06
202	360	-3.331e+06	1.537e+05	5.37e-05	0.0	0.0	-6881.20	4.479e+04	-1036.00	1.373e+05	1.537e+05	-7.126e+06
		-7.126e+06	1.537e+05	1.11e-04	0.0	80.0	-6881.20	4.479e+04	-1036.00	1.373e+05	1.537e+05	-7.126e+06
202	382	-2.445e+06	-8.218e+04	3.45e-04	0.0	0.0	-1.635e+04	4.585e+04	-83.93	1416.40	-8.218e+04	-6.060e+06
		-6.060e+06	-8.883e+04	-2.05e-04	0.0	80.0	-1.635e+04	4.585e+04	-83.93	1416.40	-8.883e+04	-2.445e+06
202	383	-4.390e+06	8.876e+04	-3.82e-04	0.0	0.0	5200.16	4.702e+04	84.97	-1501.32	8.202e+04	-8.205e+06
		-8.205e+06	8.202e+04	2.05e-04	0.0	80.0	5200.16	4.702e+04	84.97	-1501.32	8.876e+04	-4.390e+06
202	387	-4.389e+06	9.003e+04	-3.83e-04	0.0	0.0	5139.54	4.784e+04	131.50	-4637.25	7.892e+04	-8.206e+06
		-8.206e+06	7.892e+04	1.85e-04	0.0	80.0	5139.54	4.784e+04	131.50	-4637.25	9.003e+04	-4.389e+06
203	50	-5.647e+06	-2.606e+05	-1.66e-04	0.0	0.0	-1.587e+04	8.204e+04	4561.63	-3.661e+05	-6.255e+05	-1.221e+07
		-1.221e+07	-6.255e+05	7.32e-05	0.0	80.0	-1.587e+04	8.204e+04	4561.63	-3.661e+05	-2.606e+05	-5.647e+06
203	81	-1.287e+07	8.807e+05	-3.29e-04	0.0	0.0	-1.945e+04	1.740e+05	-5672.34	-2.512e+06	8.807e+05	-2.678e+07
		-2.678e+07	4.269e+05	-1.90e-04	0.0	80.0	-1.945e+04	1.740e+05	-5672.34	-2.512e+06	4.269e+05	-1.287e+07
203	142	-2.683e+06	-5.261e+04	1.79e-04	0.0	0.0	-1.301e+04	4.518e+04	918.10	-7.352e+04	-1.261e+05	-6.297e+06
		-6.297e+06	-1.261e+05	0.0	0.0	80.0	-1.301e+04	4.518e+04	918.10	-7.352e+04	-5.261e+04	-2.683e+06
203	149	-6.897e+06	-2.789e+05	-1.05e-04	0.0	0.0	-2.034e+04	9.990e+04	4093.80	-3.275e+05	-6.064e+05	-1.489e+07
		-1.489e+07	-6.064e+05	-2.93e-06	0.0	80.0	-2.034e+04	9.990e+04	4093.80	-3.275e+05	-2.789e+05	-6.897e+06
203	206	-3.244e+06	76.96	-1.77e-05	0.0	0.0	-5469.48	4.510e+04	-0.52	40.91	76.96	-6.852e+06
		-6.852e+06	35.30	0.0	0.0	80.0	-5469.48	4.510e+04	-0.52	40.91	35.30	-3.244e+06
203	231	-3.014e+06	-1.902e+05	3.67e-05	0.0	0.0	-1.038e+04	4.644e+04	3339.77	-2.681e+05	-4.574e+05	-6.729e+06
		-6.729e+06	-4.574e+05	5.47e-05	0.0	80.0	-1.038e+04	4.644e+04	3339.77	-2.681e+05	-1.902e+05	-3.014e+06
203	247	-7.328e+06	6.583e+05	-7.93e-05	0.0	0.0	-1.150e+04	1.014e+05	-4240.80	-1.858e+06	6.583e+05	-1.544e+07
		-1.544e+07	3.191e+05	-1.40e-04	0.0	80.0	-1.150e+04	1.014e+05	-4240.80	-1.858e+06	3.191e+05	-7.328e+06
203	270	-5.183e+06	4.881e+05	-1.13e-04	0.0	0.0	-1.384e+04	7.386e+04	-3382.07	2.711e+05	2.176e+05	-5.183e+06
		-1.109e+07	2.176e+05	-4.45e-05	0.0	80.0	-1.384e+04	7.386e+04	-3382.07	2.711e+05	2.176e+05	-5.183e+06
203	282	-2.889e+06	-1.575e+05	1.14e-04	0.0	0.0	-1.240e+04	4.648e+04	2344.45	-1.876e+05	-3.450e+05	-6.608e+06
		-6.608e+06	-3.450e+05	0.0	0.0	80.0	-1.240e+04	4.648e+04	2344.45	-1.876e+05	-1.575e+05	-2.889e+06
203	287	-3.224e+06	-2.013e+04	4.28e-05	0.0	0.0	-7825.46	4.630e+04	383.33	-3.069e+04	-5.080e+04	-6.928e+06
		-6.928e+06	-5.080e+04	0.0	0.0	80.0	-7825.46	4.630e+04	383.33	-3.069e+04	-2.013e+04	-3.224e+06
203	309	-3.418e+06	79.13	-1.85e-05	0.0	0.0	-5574.60	4.643e+04	-0.54	42.04	79.13	-7.132e+06
		-7.132e+06	36.28	0.0	0.0	80.0	-5574.60	4.643e+04	-0.54	42.04	36.28	-3.418e+06
203	310	-3.181e+06	849.71	6.82e-05	0.0	0.0	-8546.47	4.642e+04	7.47	-630.68	251.95	-6.895e+06
		-6.895e+06	251.95	0.0	0.0	80.0	-8546.47	4.642e+04	7.47	-630.68	849.71	-3.181e+06
203	316	-3.300e+06	-1.277e+05	-4.21e-05	0.0	0.0	-6863.05	4.645e+04	2214.83	-1.778e+05	-3.049e+05	-7.016e+06
		-7.016e+06	-3.049e+05	4.10e-05	0.0	80.0	-6863.05	4.645e+04	2214.83	-1.778e+05	-1.277e+05	-3.300e+06
203	320	-6.536e+06	5.319e+05	-1.29e-04	0.0	0.0	-7704.77	8.764e+04	-3470.59	-1.370e+06	5.319e+05	-1.355e+07
		-1.355e+07	2.542e+05	-1.05e-04	0.0	80.0	-7704.77	8.764e+04	-3470.59	-1.370e+06	2.542e+05	-6.536e+06
203	324	-3.418e+06	79.13	-1.85e-05	0.0	0.0	-5574.60	4.643e+04	-0.54	42.04	79.13	-7.132e+06
		-7.132e+06	36.28	0.0	0.0	80.0	-5574.60	4.643e+04	-0.54	42.04	36.28	-3.418e+06
203	341	-6.049e+06	-4.397e+05	-9.41e-04	0.0	0.0	2.438e+04	4.816e+04	-3289.47	3.204e+05	-4.397e+05	-9.994e+06
		-9.994e+06	-6.890e+05	-1.97e-03	0.0	80.0	2.438e+04	4.816e+04	-3289.47	3.204e+05	-6.890e+05	-6.049e+06
203	344	-7.868e+05	6.891e+05	9.04e-04	0.0	0.0	-3.553e+04	4.470e+04	3288.40	-3.203e+05	4.399e+05	-4.271e+06
		-4.271e+06	4.399e+05	1.97e-03	0.0	80.0	-3.553e+04	4.470e+04	3288.40	-3.203e+05	6.891e+05	-7.868e+05
203	345	-6.047e+06	-4.335e+05	-9.42e-04	0.0	0.0	2.426e+04	4.978e+04	-3383.65	3.268e+05	-4.335e+05	-9.995e+06
		-9.995e+06	-6.915e+05	-1.93e-03	0.0	80.0	2.426e+04	4.978e+04	-3383.65	3.268e+05	-6.915e+05	-6.047e+06
203	348	-7.886e+05	6.916e+05	9.05e-04	0.0	0.0	-3.541e+04	4.308e+04	3382.58	-3.267e+05	4.336e+05	-4.270e+06
		-4.270e+06	4.336e+05	1.93e-03	0.0	80.0	-3.541e+04	4.308e+04	3382.58	-3.267e+05	6.916e+05	-7.886e+05
203	362	-3.331e+06	-7.363e+04	5.37e-05	0.0	0.0	-6881.21	4.479e+04	1035.99	-1.373e+05	-1.537e+05	-7.126e+06
		-7.126e+06	-1.537e+05	-1.11e-04	0.0	80.0	-6881.21	4.479e+04	1035.99	-1.373e+05	-7.363e+04	-3.331e+06
203	363	-3.505e+06	1.538e+05	-9.06e-05	0.0	0.0	-4267.98	4.808e+04	-1037.07	1.374e+05	1.538e+05	-7.139e+06
		-7.139e+06	7.371e+04	1.11e-04	0.0	80.0	-4267.98	4.808e+04	-1037.07	1.374e+05	7.371e+04	-3.505e+06
203	373	-4.390e+06	-8.202e+04	-3.82e-04	0.0	0.0	5200.16	4.702e+04	-84.97	1499.34	-8.202e+04	-8.205e+06
		-8.205e+06	-8.876e+04	-2.05e-04	0.0	80.0	5200.16	4.702e+04	-84.97	1499.34	-8.876e+04	-4.390e+06
203	376	-2.445e+06	8.883e+04	3.45e-04	0.0	0.0	-1.635e+04	4.585e+04	83.90	-1415.26	8.218e+04	-6.060e+06
		-6.060e+06	8.218e+04	2.05e-04	0.0	80.0	-1.635e+04	4.585e+04	83.90	-1415.26	8.883e+04	-2.445e+06
203	377	-4.389e+06	-7.892e+04	-3.83e-04	0.0	0.0	5139.54	4.784e+04	-131.50	4635.29	-7.892e+04	-8.206e+06
		-8.206e+06	-9.003e+04	-1.85e-04	0.0	80.0	5139.54	4.784e+04	-131.50	4635.29	-9.003e+04	-4.389e+06
204	74	-5.613e+06	-4.302e+05	-1.68e-04	0.0	0.0	-1.622e+04	8.201e+04	2659.07	-2.148e+05	-3.429e+05	-1.217e+07
		-1.217e+07	-3.429e+05	6.04e-05	0.0	80.0	-1.622e+04	8.201e+04	2659.07	-2.148e+05	-1.302e+05	-5.613e+06
204	105	-1.155e+07	8.666e+04	-2.64e-04	0.0	0.0	-1.704e+04	1.507e+05	-3128.04	2.284e+06	8.666e+04	-2.360e+07
		-2.360e+07	-1.636e+05	8.28e-04	0.0	80.0	-1.704e+04	1.507e+05	-3128.04	2.284e+06	-1.636e+05	-1.155e+07
204	142	-2.693e+06	-4.078e+04	1.65e-04	0.0	0.0	-1.285e+04	4.517e+04	568.68	-4.570e+04	-4.078e+04	-2.693e+06
		-6.307e+06	-8.628e+04	-6.74e-05	0.0	80.0	-1.285e+04	4.517e+04	568.68	-4.570e+04	-4.078e+04	-2.693e+06
204	149	-6.910e+06	-1.417e+05	-1.11e-04	0.0	0.0	-2.015e+04	9.987e+04	2103.33	-1.693e+05	-3.099e+05	-1.490e+07
		-1.490e+07	-3.099e+05	-3.07e-05	0.0	80.0	-2.015e+04	9.987e+04	2103.33	-1.693e+05	-1.417e+05	-6.910e+06
204	165	-9.391e+06	5.597e+05	-2.58e-04	0.0	0.0	-1.654e+04	1.250e+05	-5494.37	1.449e+06	5.597e+05	-1.939e+07
		-1.939e+07	1.202e+05	5.53e-04	0.0	80.0	-1.654e+04	1.250e+05	-5494.37	1.449e+06	1.202e+05	-9.391e+06
204	206	-3.243e+06	605.45	-1.77e-05	0.0	0.0	-5470.12	4.509e+04	-2.88	-198.83	605.45	-6.851e+06

		-6.851e+06	375.08	0.0	0.0	80.0	-5470.12	4.509e+04	-2.88	-198.83	375.08	-3.243e+06
204	243	-3.002e+06	-9.814e+04	3.09e-05	0.0	0.0	-1.049e+04	4.643e+04	1945.49	-1.568e+05	-2.538e+05	-6.717e+06
		-6.717e+06	-2.538e+05	2.81e-05	0.0	80.0	-1.049e+04	4.643e+04	1945.49	-1.568e+05	-9.814e+04	-3.002e+06
204	270	-6.908e+06	4.166e+05	-1.71e-04	0.0	0.0	-1.307e+04	9.256e+04	-4095.96	1.075e+06	4.166e+05	-1.431e+07
		-1.431e+07	8.890e+04	4.01e-04	0.0	80.0	-1.307e+04	9.256e+04	-4095.96	1.075e+06	8.890e+04	-6.908e+06
204	282	-2.911e+06	-8.616e+04	1.04e-04	0.0	0.0	-1.210e+04	4.648e+04	1221.26	-9.799e+04	-1.839e+05	-6.629e+06
		-6.629e+06	-1.839e+05	-4.75e-05	0.0	80.0	-1.210e+04	4.648e+04	1221.26	-9.799e+04	-8.616e+04	-2.911e+06
204	287	-3.214e+06	-1.513e+04	3.87e-05	0.0	0.0	-7919.43	4.630e+04	259.84	-2.116e+04	-3.592e+04	-6.918e+06
		-6.918e+06	-3.592e+04	-2.00e-05	0.0	80.0	-7919.43	4.630e+04	259.84	-2.116e+04	-1.513e+04	-3.214e+06
204	289	-6.963e+06	4.189e+05	-1.99e-04	0.0	0.0	-1.193e+04	9.242e+04	-4100.59	1.075e+06	4.189e+05	-1.436e+07
		-1.436e+07	9.090e+04	4.13e-04	0.0	80.0	-1.193e+04	9.242e+04	-4100.59	1.075e+06	9.090e+04	-6.963e+06
204	309	-3.417e+06	636.02	-1.84e-05	0.0	0.0	-5575.23	4.642e+04	-2.96	-205.56	636.02	-7.131e+06
		-7.131e+06	398.84	0.0	0.0	80.0	-5575.23	4.642e+04	-2.96	-205.56	398.84	-3.417e+06
204	310	-3.197e+06	-4712.42	6.21e-05	0.0	0.0	-8338.30	4.641e+04	8.88	-1053.49	-5423.20	-6.910e+06
		-6.910e+06	-5423.20	-2.89e-05	0.0	80.0	-8338.30	4.641e+04	8.88	-1053.49	-4712.42	-3.197e+06
204	311	-5.473e+06	3.408e+05	-1.44e-04	0.0	0.0	-7410.33	7.141e+04	-3271.79	8.223e+05	3.408e+05	-1.119e+07
		-1.119e+07	7.908e+04	3.20e-04	0.0	80.0	-7410.33	7.141e+04	-3271.79	8.223e+05	7.908e+04	-5.473e+06
204	319	-3.294e+06	-6.061e+04	-4.19e-05	0.0	0.0	-6927.03	4.644e+04	1258.37	-1.018e+05	-1.613e+05	-7.008e+06
		-7.008e+06	-1.613e+05	4.31e-05	0.0	80.0	-6927.03	4.644e+04	1258.37	-1.018e+05	-6.061e+04	-3.294e+06
204	323	-5.815e+06	7.722e+04	-9.11e-05	0.0	0.0	-6233.08	7.471e+04	-1956.06	1.286e+06	7.722e+04	-1.179e+07
		-1.179e+07	7.927e+04	4.70e-04	0.0	80.0	-6233.08	7.471e+04	-1956.06	1.286e+06	7.927e+04	-5.815e+06
204	324	-3.417e+06	636.02	-1.84e-05	0.0	0.0	-5575.23	4.642e+04	-2.96	-205.56	636.02	-7.131e+06
		-7.131e+06	398.84	0.0	0.0	80.0	-5575.23	4.642e+04	-2.96	-205.56	398.84	-3.417e+06
204	341	-5.446e+06	4.900e+05	-7.49e-04	0.0	0.0	1.717e+04	5.064e+04	3402.40	-3.683e+05	2.287e+05	-9.442e+06
		-9.442e+06	2.287e+05	1.86e-03	0.0	80.0	1.717e+04	5.064e+04	3402.40	-3.683e+05	4.900e+05	-5.446e+06
204	344	-1.387e+06	-2.274e+05	7.12e-04	0.0	0.0	-2.832e+04	4.220e+04	-3408.33	3.679e+05	-2.274e+05	-4.820e+06
		-4.820e+06	-4.892e+05	-1.86e-03	0.0	80.0	-2.832e+04	4.220e+04	-3408.33	3.679e+05	-4.892e+05	-1.387e+06
204	345	-5.445e+06	4.866e+05	-5.20e-04	0.0	0.0	1.692e+04	4.601e+04	3344.76	-3.643e+05	2.305e+05	-9.447e+06
		-9.447e+06	2.305e+05	1.88e-03	0.0	80.0	1.692e+04	4.601e+04	3344.76	-3.643e+05	4.866e+05	-5.445e+06
204	346	-1.752e+06	-3.554e+05	9.43e-04	0.0	0.0	-2.610e+04	4.219e+04	-2510.49	2.448e+05	-3.554e+05	-5.531e+06
		-5.531e+06	-5.465e+05	-1.86e-03	0.0	80.0	-2.610e+04	4.219e+04	-2510.49	2.448e+05	-5.465e+05	-1.752e+06
204	347	-5.081e+06	5.473e+05	-9.80e-04	0.0	0.0	1.495e+04	5.066e+04	2504.56	-2.452e+05	3.567e+05	-8.730e+06
		-8.730e+06	3.567e+05	1.86e-03	0.0	80.0	1.495e+04	5.066e+04	2504.56	-2.452e+05	5.473e+05	-5.081e+06
204	373	-4.296e+06	1.244e+05	-3.29e-04	0.0	0.0	4134.10	4.856e+04	-508.61	4.494e+04	4.783e+04	-8.149e+06
		-8.149e+06	4.783e+04	3.74e-04	0.0	80.0	4134.10	4.856e+04	-508.61	4.494e+04	1.244e+05	-4.296e+06
204	376	-2.537e+06	-4.655e+04	2.92e-04	0.0	0.0	-1.528e+04	4.428e+04	502.68	-4.536e+04	-4.655e+04	-6.113e+06
		-6.113e+06	-1.237e+05	-3.74e-04	0.0	80.0	-1.528e+04	4.428e+04	502.68	-4.536e+04	-1.237e+05	-2.537e+06
204	377	-4.296e+06	1.227e+05	-2.12e-04	0.0	0.0	4007.36	4.620e+04	-537.12	4.690e+04	4.876e+04	-8.151e+06
		-8.151e+06	4.876e+04	3.84e-04	0.0	80.0	4007.36	4.620e+04	-537.12	4.690e+04	1.227e+05	-4.296e+06
204	378	-2.725e+06	-1.102e+05	4.10e-04	0.0	0.0	-1.417e+04	4.427e+04	950.20	-1.076e+05	-1.102e+05	-6.478e+06
		-6.478e+06	-1.521e+05	-3.74e-04	0.0	80.0	-1.417e+04	4.427e+04	950.20	-1.076e+05	-1.521e+05	-2.725e+06
204	379	-4.109e+06	1.529e+05	-4.46e-04	0.0	0.0	3020.83	4.857e+04	-956.13	1.071e+05	1.115e+05	-7.783e+06
		-7.783e+06	1.115e+05	3.74e-04	0.0	80.0	3020.83	4.857e+04	-956.13	1.071e+05	1.529e+05	-4.109e+06
205	49	2.223e+06	-1.382e+04	0.40	-745.88	0.0	1.176e+05	-3.028e+04	-58.15	1.698e+05	-1.382e+04	2.223e+06
		3.651e+05	-1.917e+04	2.81e-04	0.0	92.1	1.176e+05	-3.102e+04	-58.15	1.698e+05	-1.917e+04	3.651e+05
205	57	1.605e+06	-1.389e+04	0.20	-745.88	0.0	8.870e+04	-1.705e+04	-196.79	8.588e+04	-1.389e+04	1.605e+06
		5.565e+05	-3.201e+04	4.77e-04	0.0	92.1	8.870e+04	-1.779e+04	-196.79	8.588e+04	-3.201e+04	5.565e+05
205	74	6.552e+05	-6321.78	0.12	-552.50	0.0	5.622e+04	-1.184e+04	-93.40	5.908e+04	-6321.78	6.552e+05
		-1.123e+05	-1.492e+04	3.79e-04	0.0	92.1	5.622e+04	-1.239e+04	-93.40	5.908e+04	-1.492e+04	-1.123e+05
205	164	4.349e+05	-5032.97	0.07	-552.50	0.0	2.827e+04	-6275.60	-40.43	1.164e+04	-5032.97	4.349e+05
		2.964e+04	-8755.85	1.91e-04	0.0	92.1	2.827e+04	-6828.10	-40.43	1.164e+04	-8755.85	2.964e+04
205	206	4.257e+05	-4588.30	0.07	-552.50	0.0	2.867e+04	-6304.68	-45.00	1.159e+04	-4588.30	4.257e+05
		1.993e+04	-8731.71	3.43e-04	0.0	92.1	2.867e+04	-6857.18	-45.00	1.159e+04	-8731.71	1.993e+04
205	231	1.380e+06	-8430.14	0.25	-552.50	0.0	6.935e+04	-1.831e+04	-32.62	8.579e+04	-8430.14	1.380e+06
		2.596e+05	-1.143e+04	2.14e-04	0.0	92.1	6.935e+04	-1.886e+04	-32.62	8.579e+04	-1.143e+04	2.596e+05
205	235	9.220e+05	-8482.18	0.11	-552.50	0.0	4.796e+04	-8512.30	-135.32	2.363e+04	-8482.18	9.220e+05
		4.014e+05	-2.094e+04	3.66e-04	0.0	92.1	4.796e+04	-9064.80	-135.32	2.363e+04	-2.094e+04	4.014e+05
205	239	4.038e+05	-5824.24	0.07	-552.50	0.0	2.895e+04	-6574.00	-47.59	1.359e+04	-5824.24	4.038e+05
		-2.273e+04	-1.021e+04	2.63e-04	0.0	92.1	2.895e+04	-7126.50	-47.59	1.359e+04	-1.021e+04	-2.273e+04
205	243	3.471e+05	-5264.83	0.07	-552.50	0.0	3.249e+04	-6540.69	-66.98	1.092e+04	-5264.83	3.471e+05
		-8.656e+04	-1.143e+04	4.43e-04	0.0	92.1	3.249e+04	-7093.19	-66.98	1.092e+04	-1.143e+04	-8.656e+04
205	316	1.142e+06	-7512.28	0.21	-552.50	0.0	5.955e+04	-1.537e+04	-37.13	6.783e+04	-7512.28	1.142e+06
		1.976e+05	-1.093e+04	3.35e-04	0.0	92.1	5.955e+04	-1.592e+04	-37.13	6.783e+04	-1.093e+04	1.976e+05
205	317	7.985e+05	-7551.31	0.10	-552.50	0.0	4.351e+04	-8021.66	-114.15	2.121e+04	-7551.31	7.985e+05
		3.039e+05	-1.806e+04	4.53e-04	0.0	92.1	4.351e+04	-8574.16	-114.15	2.121e+04	-1.806e+04	3.039e+05
205	318	4.098e+05	-5557.86	0.07	-552.50	0.0	2.925e+04	-6567.93	-48.36	1.368e+04	-5557.86	4.098e+05
		-1.414e+04	-1.001e+04	3.92e-04	0.0	92.1	2.925e+04	-7120.43	-48.36	1.368e+04	-1.001e+04	-1.414e+04
205	319	3.673e+05	-5138.30	0.07	-552.50	0.0	3.191e+04	-6542.95	-62.90	1.168e+04	-5138.30	3.673e+05
		-6.201e+04	-1.093e+04	5.45e-04	0.0	92.1	3.191e+04	-7095.45	-62.90	1.168e+04	-1.093e+04	-6.201e+04
205	324	4.418e+05	-5666.75	0.07	-552.50	0.0	2.971e+04	-6531.06	-41.92	1.532e+04	-5666.75	4.418e+05
		2.205e+04	-9527.14	3.72e-04	0.0	92.1	2.971e+04	-7083.56	-41.92	1.532e+04	-9527.14	2.205e+04
205	326	3.535e+05	-5541.99	0.06	-552.50	0.0	3.384e+04	-5877.20	-62.46	1.314e+04	-5541.99	3.535e+05
		-3.156e+04	-1.179e+04	1.17e-04	0.0	92.1	3.384e+04	-6429.70	-62.46	1.314e+04	-1.179e+04	-3.156e+04
205	334	3.535e+05	-5552.37	0.06	-552.50	0.0	3.390e+04	-5870.59	-62.05	1.313e+04	-5552.37	3.535e+05
		-3.177e+04	-1.171e+04	1.16e-04	0.0	92.1	3.390e+04	-6423.09	-62.05	1.313e+04	-1.171e+04	-3.177e+04
205	338	3.494e+05	-5431.41	0.06	-552.50	0.0	3.419e+04	-5802.97	-61.57	1.354e+04	-5431.41	3.494e+05
		-3.109e+04	-1.166e+04	-3.10e-04	0.0	92.1	3.419e+04	-6355.47	-61.57	1.354e+04	-1.166e+04	-3.109e+04

205	339	5.343e+05	-5902.10	0.09	-552.50	0.0	2.524e+04	-7259.14	-22.28	1.709e+04	-5902.10	5.343e+05
		7.519e+04	-7392.43	9.93e-04	0.0	92.1	2.524e+04	-7811.64	-22.28	1.709e+04	-7392.43	7.519e+04
205	341	4.502e+05	-4575.92	0.07	-552.50	0.0	3.004e+04	-6459.63	-35.68	1.208e+04	-4575.92	4.502e+05
		3.157e+04	-8633.78	1.62e-03	0.0	92.1	3.004e+04	-7012.13	-35.68	1.208e+04	-8633.78	3.157e+04
205	358	3.963e+05	-5696.30	0.07	-552.50	0.0	3.174e+04	-6194.97	-52.13	1.446e+04	-5696.30	3.963e+05
		-4931.54	-1.066e+04	2.54e-04	0.0	92.1	3.174e+04	-6747.47	-52.13	1.446e+04	-1.066e+04	-4931.54
205	366	3.962e+05	-5701.34	0.07	-552.50	0.0	3.176e+04	-6191.72	-51.93	1.446e+04	-5701.34	3.962e+05
		-5035.46	-1.062e+04	2.53e-04	0.0	92.1	3.176e+04	-6744.22	-51.93	1.446e+04	-1.062e+04	-5035.46
205	370	3.945e+05	-5542.73	0.07	-552.50	0.0	3.197e+04	-6161.40	-51.74	1.439e+04	-5542.73	3.945e+05
		-4862.49	-1.059e+04	1.66e-04	0.0	92.1	3.197e+04	-6713.90	-51.74	1.439e+04	-1.059e+04	-4862.49
205	371	4.892e+05	-5790.78	0.08	-552.50	0.0	2.746e+04	-6900.71	-32.10	1.624e+04	-5790.78	4.892e+05
		4.896e+04	-8459.54	6.66e-04	0.0	92.1	2.746e+04	-7453.21	-32.10	1.624e+04	-8459.54	4.896e+04
205	373	4.465e+05	-4797.54	0.07	-552.50	0.0	3.010e+04	-6504.04	-39.05	1.278e+04	-4797.54	4.465e+05
		2.606e+04	-9092.33	8.32e-04	0.0	92.1	3.010e+04	-7056.54	-39.05	1.278e+04	-9092.33	2.606e+04
206	49	2.043e+06	1.853e+04	0.37	-745.88	0.0	1.071e+05	-2.710e+04	238.85	1.526e+05	-3463.22	2.043e+06
		3.796e+05	-3463.22	-1.80e-03	0.0	92.1	1.071e+05	-2.785e+04	238.85	1.526e+05	1.853e+04	3.796e+05
206	50	1.884e+06	1.678e+04	0.34	-552.50	0.0	9.623e+04	-2.473e+04	221.07	1.507e+05	-3572.27	1.884e+06
		3.737e+05	-3572.27	-1.78e-03	0.0	92.1	9.623e+04	-2.528e+04	221.07	1.507e+05	1.678e+04	3.737e+05
206	57	1.441e+06	3.274e+04	0.19	-745.88	0.0	8.120e+04	-1.470e+04	268.89	7.741e+04	7977.01	1.441e+06
		5.440e+05	7977.01	-1.02e-03	0.0	92.1	8.120e+04	-1.544e+04	268.89	7.741e+04	3.274e+04	5.440e+05
206	150	6.127e+05	1.308e+04	0.11	-552.50	0.0	5.134e+04	-1.061e+04	151.93	5.256e+04	-911.79	6.127e+05
		-6.651e+04	-911.79	-7.09e-04	0.0	92.1	5.134e+04	-1.117e+04	151.93	5.256e+04	1.308e+04	-6.651e+04
206	164	4.250e+05	4460.19	0.07	-552.50	0.0	2.779e+04	-6069.83	44.91	-29.23	324.80	4.250e+05
		3.342e+04	324.80	-3.01e-04	0.0	92.1	2.779e+04	-6622.33	44.91	-29.23	4460.19	3.342e+04
206	231	1.284e+06	8877.53	0.24	-552.50	0.0	6.444e+04	-1.672e+04	116.99	7.248e+04	-1894.91	1.284e+06
		2.578e+05	-1894.91	-9.95e-04	0.0	92.1	6.444e+04	-1.727e+04	116.99	7.248e+04	8877.53	2.578e+05
206	235	8.377e+05	1.940e+04	0.10	-552.50	0.0	4.524e+04	-7530.57	139.24	1.681e+04	6579.34	8.377e+05
		3.795e+05	6579.34	-4.71e-04	0.0	92.1	4.524e+04	-8083.07	139.24	1.681e+04	1.940e+04	3.795e+05
206	239	3.890e+05	5094.15	0.07	-552.50	0.0	2.794e+04	-6336.35	50.63	668.31	431.48	3.890e+05
		-2.106e+04	431.48	-2.50e-04	0.0	92.1	2.794e+04	-6888.85	50.63	668.31	5094.15	-2.106e+04
206	281	3.420e+05	6112.93	0.06	-552.50	0.0	3.119e+04	-6263.87	65.58	-329.68	74.28	3.420e+05
		-6.828e+04	74.28	-2.07e-04	0.0	92.1	3.119e+04	-6816.37	65.58	-329.68	6112.93	-6.828e+04
206	313	3.586e+05	5439.79	0.06	-552.50	0.0	3.073e+04	-6258.66	53.90	-802.32	476.77	3.586e+05
		-4.990e+04	476.77	-4.72e-05	0.0	92.1	3.073e+04	-6811.16	53.90	-802.32	5439.79	-4.990e+04
206	316	1.065e+06	7647.39	0.20	-552.50	0.0	5.566e+04	-1.410e+04	93.80	5.434e+04	-989.71	1.065e+06
		1.943e+05	-989.71	-6.12e-04	0.0	92.1	5.566e+04	-1.466e+04	93.80	5.434e+04	7647.39	1.943e+05
206	317	7.301e+05	1.554e+04	0.09	-552.50	0.0	4.126e+04	-7210.07	110.49	1.259e+04	5365.98	7.301e+05
		2.856e+05	5365.98	-2.79e-04	0.0	92.1	4.126e+04	-7762.57	110.49	1.259e+04	1.554e+04	2.856e+05
206	318	3.935e+05	4809.85	0.07	-552.50	0.0	2.829e+04	-6314.40	44.03	484.00	755.08	3.935e+05
		-1.482e+04	755.08	-8.76e-05	0.0	92.1	2.829e+04	-6866.90	44.03	484.00	4809.85	-1.482e+04
206	324	4.235e+05	4570.73	0.07	-552.50	0.0	2.885e+04	-6246.28	42.06	1269.55	697.32	4.235e+05
		2.054e+04	697.32	-9.44e-05	0.0	92.1	2.885e+04	-6798.78	42.06	1269.55	4570.73	2.054e+04
206	326	3.466e+05	5340.76	0.06	-552.50	0.0	3.281e+04	-6817.76	58.82	1800.27	-337.92	3.466e+05
		-2.853e+04	-337.92	-5.94e-04	0.0	92.1	3.281e+04	-7370.26	58.82	1800.27	5340.76	-2.853e+04
206	331	5.005e+05	3842.21	0.08	-552.50	0.0	2.481e+04	-5672.60	23.90	710.42	1810.83	5.005e+05
		6.930e+04	1810.83	6.63e-04	0.0	92.1	2.481e+04	-6225.10	23.90	710.42	3842.21	6.930e+04
206	338	3.465e+05	5336.64	0.06	-552.50	0.0	3.290e+04	-6820.31	60.36	1865.16	-401.47	3.465e+05
		-2.806e+04	-401.47	-1.09e-03	0.0	92.1	3.290e+04	-7372.81	60.36	1865.16	5336.64	-2.806e+04
206	339	5.005e+05	3804.82	0.08	-552.50	0.0	2.480e+04	-5672.25	23.77	673.94	1796.12	5.005e+05
		6.914e+04	1796.12	9.51e-04	0.0	92.1	2.480e+04	-6224.75	23.77	673.94	3804.82	6.914e+04
206	346	3.918e+05	6175.52	0.07	-552.50	0.0	3.026e+04	-6432.53	67.59	3932.97	-871.43	3.918e+05
		-3074.24	-871.43	-1.56e-03	0.0	92.1	3.026e+04	-6985.03	67.59	3932.97	6175.52	-3074.24
206	350	3.917e+05	6025.95	0.07	-552.50	0.0	3.054e+04	-6439.77	72.24	4016.74	-1136.74	3.917e+05
		-2071.14	-1136.74	-2.16e-03	0.0	92.1	3.054e+04	-6992.27	72.24	4016.74	6025.95	-2071.14
206	358	3.840e+05	4939.55	0.07	-552.50	0.0	3.083e+04	-6536.09	49.98	1599.93	192.38	3.840e+05
		-4203.04	192.38	-2.86e-04	0.0	92.1	3.083e+04	-7088.59	49.98	1599.93	4939.55	-4203.04
206	363	4.631e+05	4208.00	0.08	-552.50	0.0	2.681e+04	-5954.17	32.97	983.67	1254.69	4.631e+05
		4.528e+04	1254.69	2.96e-04	0.0	92.1	2.681e+04	-6506.67	32.97	983.67	4208.00	4.528e+04
206	370	3.839e+05	4952.06	0.07	-552.50	0.0	3.089e+04	-6538.56	51.22	1573.09	147.35	3.839e+05
		-4123.35	147.35	-5.73e-04	0.0	92.1	3.089e+04	-7091.06	51.22	1573.09	4952.06	-4123.35
206	371	4.631e+05	4189.40	0.08	-552.50	0.0	2.681e+04	-5954.00	32.91	966.02	1247.30	4.631e+05
		4.520e+04	1247.30	4.39e-04	0.0	92.1	2.681e+04	-6506.50	32.91	966.02	4189.40	4.520e+04
206	378	4.076e+05	5317.36	0.07	-552.50	0.0	2.949e+04	-6336.93	53.18	2817.92	-38.16	4.076e+05
		9177.36	-38.16	-6.66e-04	0.0	92.1	2.949e+04	-6889.43	53.18	2817.92	5317.36	9177.36
206	382	4.073e+05	5291.49	0.07	-552.50	0.0	2.970e+04	-6344.53	57.07	2664.30	-215.10	4.073e+05
		9153.99	-215.10	-1.11e-03	0.0	92.1	2.970e+04	-6897.03	57.07	2664.30	5291.49	9153.99
207	49	1.871e+06	-1012.10	0.34	-745.88	0.0	9.701e+04	-2.450e+04	79.37	1.482e+05	-8321.08	1.871e+06
		3.596e+05	-8321.08	-2.12e-03	0.0	92.1	9.701e+04	-2.525e+04	79.37	1.482e+05	-1012.10	3.596e+05
207	50	1.712e+06	734.46	0.31	-552.50	0.0	8.612e+04	-2.213e+04	97.16	1.500e+05	-8212.02	1.712e+06
		3.537e+05	-8212.02	-2.14e-03	0.0	92.1	8.612e+04	-2.268e+04	97.16	1.500e+05	734.46	3.537e+05
207	57	1.284e+06	-1.893e+04	0.17	-745.88	0.0	7.243e+04	-1.356e+04	-63.34	7.446e+04	-1.893e+04	1.284e+06
		4.480e+05	-2.476e+04	-9.46e-04	0.0	92.1	7.243e+04	-1.431e+04	-63.34	7.446e+04	-2.476e+04	4.480e+05
207	126	4.264e+05	-1430.43	0.07	-552.50	0.0	2.778e+04	-6071.20	-22.44	1.198.33	-1430.43	4.264e+05
		3.576e+04	-3497.07	-3.30e-04	0.0	92.1	2.778e+04	-6623.70	-22.44	1.198.33	-3497.07	3.576e+04
207	188	5.189e+05	-4623.68	0.09	-552.50	0.0	4.549e+04	-9302.44	-19.67	5.985e+04	-4623.68	5.189e+05
		-8.270e+04	-6434.60	9.17e-05	0.0	92.1	4.549e+04	-9854.94	-19.67	5.985e+04	-6434.60	-8.270e+04
207	231	1.227e+06	-1156.55	0.22	-552.50	0.0	6.114e+04	-1.575e+04	22.99	6.382e+04	-3273.10	1.227e+06

		2.573e+05	-3273.10	-1.31e-03	0.0	92.1	6.114e+04	-1.630e+04	22.99	6.382e+04	-1156.55	2.573e+05
207	235	7.924e+05	-1.113e+04	0.10	-552.50	0.0	4.293e+04	-7640.92	-82.73	9225.99	-1.113e+04	7.924e+05
		3.228e+05	-1.875e+04	-4.42e-04	0.0	92.1	4.293e+04	-8193.42	-82.73	9225.99	-1.875e+04	3.228e+05
207	239	3.955e+05	-425.21	0.07	-552.50	0.0	2.803e+04	-6301.31	-35.31	-3008.15	-425.21	3.955e+05
		-1.135e+04	-3677.10	-6.82e-05	0.0	92.1	2.803e+04	-6853.81	-35.31	-3008.15	-3677.10	-1.135e+04
207	243	3.587e+05	456.40	0.07	-552.50	0.0	3.063e+04	-6242.37	-49.84	-4132.17	456.40	3.587e+05
		-4.816e+04	-4133.32	2.75e-04	0.0	92.1	3.063e+04	-6794.87	-49.84	-4132.17	-4133.32	-4.816e+04
207	300	3.432e+05	-613.53	0.06	-552.50	0.0	3.105e+04	-6245.63	-63.35	-2870.32	-613.53	3.432e+05
		-6.592e+04	-6447.09	2.50e-04	0.0	92.1	3.105e+04	-6798.13	-63.35	-2870.32	-6447.09	-6.592e+04
207	313	3.588e+05	-330.84	0.06	-552.50	0.0	3.063e+04	-6244.30	-63.41	-2179.64	-330.84	3.588e+05
		-4.929e+04	-6169.84	3.27e-04	0.0	92.1	3.063e+04	-6796.80	-63.41	-2179.64	-6169.84	-4.929e+04
207	316	1.021e+06	-2335.93	0.19	-552.50	0.0	5.319e+04	-1.337e+04	-1.46e-03	4.730e+04	-2335.93	1.021e+06
		1.927e+05	-2336.08	-8.04e-04	0.0	92.1	5.319e+04	-1.392e+04	-1.46e-03	4.730e+04	-2336.08	1.927e+05
207	317	6.954e+05	-8230.19	0.09	-552.50	0.0	3.954e+04	-7292.15	-79.29	6354.77	-8230.19	6.954e+05
		2.419e+05	-1.553e+04	1.59e-04	0.0	92.1	3.954e+04	-7844.65	-79.29	6354.77	-1.553e+04	2.419e+05
207	318	3.978e+05	-200.01	0.07	-552.50	0.0	2.836e+04	-6287.44	-43.73	-2820.84	-200.01	3.978e+05
		-8708.97	-4226.50	1.36e-04	0.0	92.1	2.836e+04	-6839.94	-43.73	-2820.84	-4226.50	-8708.97
207	319	3.701e+05	461.19	0.07	-552.50	0.0	3.031e+04	-6243.24	-54.62	-3663.86	461.19	3.701e+05
		-3.631e+04	-4568.66	3.86e-04	0.0	92.1	3.031e+04	-6795.74	-54.62	-3663.86	-4568.66	-3.631e+04
207	324	4.203e+05	-697.32	0.07	-552.50	0.0	2.885e+04	-6246.28	-42.06	-1269.55	-697.32	4.203e+05
		2.054e+04	-4570.73	9.44e-05	0.0	92.1	2.885e+04	-6798.78	-42.06	-1269.55	-4570.73	2.054e+04
207	329	3.465e+05	401.47	0.06	-552.50	0.0	3.290e+04	-6820.31	-60.36	-1865.15	401.47	3.465e+05
		-2.806e+04	-5336.65	1.09e-03	0.0	92.1	3.290e+04	-7372.81	-60.36	-1865.15	-5336.65	-2.806e+04
207	332	5.005e+05	-1796.12	0.08	-552.50	0.0	2.480e+04	-5672.25	-23.77	-673.94	-1796.12	5.005e+05
		6.914e+04	-3804.82	-9.51e-04	0.0	92.1	2.480e+04	-6224.75	-23.77	-673.94	-3804.82	6.914e+04
207	337	3.465e+05	416.19	0.06	-552.50	0.0	3.289e+04	-6819.96	-60.23	-1828.68	416.19	3.465e+05
		-2.822e+04	-5299.25	7.98e-04	0.0	92.1	3.289e+04	-7372.46	-60.23	-1828.68	-5299.25	-2.822e+04
207	340	5.005e+05	-1810.84	0.08	-552.50	0.0	2.481e+04	-5672.60	-23.90	-710.42	-1810.84	5.005e+05
		6.930e+04	-3842.21	-6.63e-04	0.0	92.1	2.481e+04	-6225.10	-23.90	-710.42	-3842.21	6.930e+04
207	341	3.934e+05	821.81	0.07	-552.50	0.0	3.045e+04	-6439.72	-66.47	-3720.48	821.81	3.934e+05
		-1019.40	-6118.59	1.56e-03	0.0	92.1	3.045e+04	-6992.22	-66.47	-3720.48	-6118.59	-1019.40
207	353	3.917e+05	1136.75	0.07	-552.50	0.0	3.054e+04	-6439.77	-72.24	-4016.73	1136.75	3.917e+05
		-2071.16	-6025.95	2.16e-03	0.0	92.1	3.054e+04	-6992.27	-72.24	-4016.73	-6025.95	-2071.16
207	361	3.839e+05	-147.35	0.07	-552.50	0.0	3.089e+04	-6538.56	-51.22	-1573.08	-147.35	3.839e+05
		-4123.37	-4952.06	5.73e-04	0.0	92.1	3.089e+04	-7091.06	-51.22	-1573.08	-4952.06	-4123.37
207	364	4.631e+05	-1247.30	0.08	-552.50	0.0	2.681e+04	-5954.00	-32.91	-966.01	-1247.30	4.631e+05
		4.520e+04	-4189.40	-4.39e-04	0.0	92.1	2.681e+04	-6506.50	-32.91	-966.01	-4189.40	4.520e+04
207	365	3.840e+05	-192.38	0.07	-552.50	0.0	3.083e+04	-6536.09	-49.98	-1599.92	-192.38	3.840e+05
		-4203.06	-4939.55	2.86e-04	0.0	92.1	3.083e+04	-7088.59	-49.98	-1599.92	-4939.55	-4203.06
207	372	4.631e+05	-1254.69	0.08	-552.50	0.0	2.681e+04	-5954.17	-32.97	-983.67	-1254.69	4.631e+05
		4.528e+04	-4208.00	-2.96e-04	0.0	92.1	2.681e+04	-6506.67	-32.97	-983.67	-4208.00	4.528e+04
207	373	4.076e+05	38.15	0.07	-552.50	0.0	2.949e+04	-6336.93	-53.18	-2817.90	38.15	4.076e+05
		9177.34	-5317.36	6.66e-04	0.0	92.1	2.949e+04	-6889.43	-53.18	-2817.90	-5317.36	9177.34
207	385	4.073e+05	215.10	0.07	-552.50	0.0	2.970e+04	-6344.53	-57.07	-2664.29	215.10	4.073e+05
		9153.98	-5291.49	1.11e-03	0.0	92.1	2.970e+04	-6897.03	-57.07	-2664.29	-5291.49	9153.98
208	49	1.770e+06	2.486e+04	0.31	-745.88	0.0	8.950e+04	-2.310e+04	193.82	1.090e+05	7013.95	1.770e+06
		3.671e+05	7013.95	-3.39e-03	0.0	92.1	8.950e+04	-2.385e+04	193.82	1.090e+05	2.486e+04	3.671e+05
208	52	1.256e+06	1.561e+04	0.22	-552.50	0.0	6.213e+04	-1.621e+04	129.43	6.757e+04	3691.32	1.256e+06
		2.746e+05	3691.32	-2.53e-03	0.0	92.1	6.213e+04	-1.677e+04	129.43	6.757e+04	1.561e+04	2.746e+05
208	57	1.214e+06	2.787e+04	0.16	-745.88	0.0	6.642e+04	-1.305e+04	218.88	4.827e+04	7719.39	1.214e+06
		4.179e+05	7719.39	-1.64e-03	0.0	92.1	6.642e+04	-1.379e+04	218.88	4.827e+04	2.787e+04	4.179e+05
208	126	4.394e+05	8207.76	0.07	-552.50	0.0	2.825e+04	-6298.71	45.07	-1.056e+04	4057.90	4.394e+05
		3.906e+04	4057.90	-6.88e-04	0.0	92.1	2.825e+04	-6851.21	45.07	-1.056e+04	8207.76	3.906e+04
208	188	4.600e+05	1.661e+04	0.08	-552.50	0.0	4.098e+04	-8472.73	190.60	3.864e+04	5431.16	4.600e+05
		-8.711e+04	5431.16	-6.26e-04	-138.40	92.1	4.098e+04	-9025.23	52.20	3.864e+04	1.661e+04	-8.711e+04
208	231	1.204e+06	1.454e+04	0.21	-552.50	0.0	5.916e+04	-1.547e+04	102.62	4.165e+04	5095.12	1.204e+06
		2.648e+05	5095.12	-2.16e-03	0.0	92.1	5.916e+04	-1.602e+04	102.62	4.165e+04	1.454e+04	2.648e+05
208	232	1.016e+06	1.315e+04	0.18	-552.50	0.0	5.175e+04	-1.324e+04	88.00	2.759e+04	5044.05	1.016e+06
		2.076e+05	5044.05	-1.82e-03	0.0	92.1	5.175e+04	-1.379e+04	88.00	2.759e+04	1.315e+04	2.076e+05
208	235	7.925e+05	1.678e+04	0.10	-552.50	0.0	4.206e+04	-8017.69	121.18	-3340.91	5617.67	7.925e+05
		3.024e+05	5617.67	-8.75e-04	0.0	92.1	4.206e+04	-8570.19	121.18	-3340.91	1.678e+04	3.024e+05
208	239	4.210e+05	9859.07	0.07	-552.50	0.0	2.892e+04	-6546.83	44.73	-1.581e+04	5740.09	4.210e+05
		2195.30	5740.09	-4.70e-04	0.0	92.1	2.892e+04	-7099.33	44.73	-1.581e+04	9859.07	2195.30
208	300	3.623e+05	1.154e+04	0.07	-552.50	0.0	3.179e+04	-6513.35	103.58	-1.741e+04	6251.41	3.623e+05
		-6.409e+04	6251.41	-3.05e-04	-92.27	92.1	3.179e+04	-7065.85	11.31	-1.741e+04	1.154e+04	-6.409e+04
208	310	4.433e+05	9345.25	0.07	-552.50	0.0	2.970e+04	-6538.73	43.46	-1.496e+04	5343.17	4.433e+05
		2.518e+04	5343.17	-5.39e-04	0.0	92.1	2.970e+04	-7091.23	43.46	-1.496e+04	9345.25	2.518e+04
208	313	3.756e+05	1.102e+04	0.07	-552.50	0.0	3.133e+04	-6496.20	54.92	-1.573e+04	5964.54	3.756e+05
		-4.945e+04	5964.54	-2.29e-04	0.0	92.1	3.133e+04	-7048.70	54.92	-1.573e+04	1.102e+04	-4.945e+04
208	316	1.008e+06	1.354e+04	0.18	-552.50	0.0	5.192e+04	-1.323e+04	87.32	2.722e+04	5496.39	1.008e+06
		1.968e+05	5496.39	-1.56e-03	0.0	92.1	5.192e+04	-1.378e+04	87.32	2.722e+04	1.354e+04	1.968e+05
208	317	6.991e+05	1.521e+04	0.09	-552.50	0.0	3.910e+04	-7639.20	101.24	-6528.96	5888.30	6.991e+05
		2.250e+05	5888.30	-6.14e-04	0.0	92.1	3.910e+04	-8191.70	101.24	-6528.96	1.521e+04	2.250e+05
208	318	4.205e+05	1.002e+04	0.07	-552.50	0.0	2.925e+04	-6536.06	43.90	-1.588e+04	5980.12	4.205e+05
		-139.82	5980.12	-3.29e-04	0.0	92.1	2.925e+04	-7088.56	43.90	-1.588e+04	1.002e+04	-139.82
208	324	4.418e+05	9527.14	0.07	-552.50	0.0	2.971e+04	-6531.06	41.92	-1.532e+04	5666.75	4.418e+05
		2.205e+04	5666.75	-3.72e-04	0.0	92.1	2.971e+04	-7083.56	41.92	-1.532e+04	9527.14	2.205e+04

208	325	3.537e+05	1.180e+04	0.06	-552.50	0.0	3.397e+04	-5864.10	62.94	-1.312e+04	5571.13	3.537e+05
		-3.122e+04	5571.13	-1.16e-04	0.0	92.1	3.397e+04	-6416.60	62.94	-1.312e+04	1.180e+04	-3.122e+04
208	329	3.494e+05	1.166e+04	0.06	-552.50	0.0	3.419e+04	-5802.97	61.57	-1.354e+04	5431.41	3.494e+05
		-3.109e+04	5431.41	3.10e-04	0.0	92.1	3.419e+04	-6355.47	61.57	-1.354e+04	1.166e+04	-3.109e+04
208	332	5.343e+05	7392.43	0.09	-552.50	0.0	2.524e+04	-7259.14	22.28	-1.709e+04	5902.10	5.343e+05
		7.519e+04	5902.10	-9.93e-04	0.0	92.1	2.524e+04	-7811.64	22.28	-1.709e+04	7392.43	7.519e+04
208	333	3.538e+05	1.188e+04	0.06	-552.50	0.0	3.392e+04	-5870.72	63.36	-1.312e+04	5560.75	3.538e+05
		-3.101e+04	5560.75	-1.17e-04	0.0	92.1	3.392e+04	-6423.22	63.36	-1.312e+04	1.188e+04	-3.101e+04
208	346	4.494e+05	8334.08	0.07	-552.50	0.0	2.979e+04	-6481.24	32.70	-1.214e+04	4513.39	4.494e+05
		2.973e+04	4513.39	-1.62e-03	0.0	92.1	2.979e+04	-7033.74	32.70	-1.214e+04	8334.08	2.973e+04
208	357	3.962e+05	1.062e+04	0.07	-552.50	0.0	3.176e+04	-6191.72	51.93	-1.446e+04	5701.34	3.962e+05
		-5035.51	5701.34	-2.53e-04	0.0	92.1	3.176e+04	-6744.22	51.93	-1.446e+04	1.062e+04	-5035.51
208	361	3.945e+05	1.059e+04	0.07	-552.50	0.0	3.197e+04	-6161.40	51.74	-1.439e+04	5542.73	3.945e+05
		-4862.53	5542.73	-1.66e-04	0.0	92.1	3.197e+04	-6713.90	51.74	-1.439e+04	1.059e+04	-4862.53
208	364	4.892e+05	8459.74	0.08	-552.50	0.0	2.746e+04	-6900.71	32.10	-1.624e+04	5790.77	4.892e+05
		4.896e+04	5790.77	-6.66e-04	0.0	92.1	2.746e+04	-7453.21	32.10	-1.624e+04	8459.74	4.896e+04
208	365	3.963e+05	1.066e+04	0.07	-552.50	0.0	3.174e+04	-6194.97	52.13	-1.446e+04	5696.29	3.963e+05
		-4931.59	5696.29	-2.54e-04	0.0	92.1	3.174e+04	-6747.47	52.13	-1.446e+04	1.066e+04	-4931.59
208	378	4.465e+05	9092.32	0.07	-552.50	0.0	3.010e+04	-6504.04	39.05	-1.278e+04	4797.54	4.465e+05
		2.606e+04	4797.54	-8.32e-04	0.0	92.1	3.010e+04	-7056.54	39.05	-1.278e+04	9092.32	2.606e+04
209	50	4.609e+05	1.600e+04	0.08	-552.50	0.0	4.074e+04	-8440.61	123.30	4.097e+04	4643.89	4.609e+05
		-8.345e+04	4643.89	-6.58e-04	0.0	92.1	4.074e+04	-8993.11	123.30	4.097e+04	1.600e+04	-8.345e+04
209	73	1.766e+06	2.494e+04	0.31	-745.88	0.0	8.960e+04	-2.310e+04	194.68	1.091e+05	7016.47	1.766e+06
		3.630e+05	7016.47	-3.38e-03	0.0	92.1	8.960e+04	-2.385e+04	194.68	1.091e+05	2.494e+04	3.630e+05
209	76	1.251e+06	1.572e+04	0.22	-552.50	0.0	6.225e+04	-1.621e+04	130.41	6.755e+04	3708.61	1.251e+06
		2.691e+05	3708.61	-2.51e-03	0.0	92.1	6.225e+04	-1.676e+04	130.41	6.755e+04	1.572e+04	2.691e+05
209	81	1.202e+06	2.816e+04	0.16	-745.88	0.0	6.673e+04	-1.304e+04	221.52	4.840e+04	7765.56	1.202e+06
		4.049e+05	7765.56	-1.62e-03	0.0	92.1	6.673e+04	-1.379e+04	221.52	4.840e+04	2.816e+04	4.049e+05
209	124	4.269e+05	8516.55	0.07	-552.50	0.0	2.848e+04	-6279.81	47.82	-1.012e+04	4112.91	4.269e+05
		2.690e+04	4112.91	-7.03e-04	0.0	92.1	2.848e+04	-6832.31	47.82	-1.012e+04	8516.55	2.690e+04
209	231	3.639e+05	1.110e+04	0.07	-552.50	0.0	3.160e+04	-6491.26	58.39	-1.596e+04	5728.02	3.639e+05
		-6.062e+04	5728.02	-3.06e-04	0.0	92.1	3.160e+04	-7043.76	58.39	-1.596e+04	1.110e+04	-6.062e+04
209	243	1.202e+06	1.458e+04	0.21	-552.50	0.0	5.921e+04	-1.547e+04	103.01	4.165e+04	5097.65	1.202e+06
		2.625e+05	5097.65	-2.16e-03	0.0	92.1	5.921e+04	-1.602e+04	103.01	4.165e+04	1.458e+04	2.625e+05
209	244	1.013e+06	1.321e+04	0.18	-552.50	0.0	5.182e+04	-1.324e+04	88.54	2.756e+04	5054.92	1.013e+06
		2.043e+05	5054.92	-1.81e-03	0.0	92.1	5.182e+04	-1.379e+04	88.54	2.756e+04	1.321e+04	2.043e+05
209	247	7.843e+05	1.697e+04	0.10	-552.50	0.0	4.227e+04	-8014.59	122.89	-3308.69	5652.53	7.843e+05
		2.936e+05	5652.53	-8.61e-04	0.0	92.1	4.227e+04	-8567.09	122.89	-3308.69	1.697e+04	2.936e+05
209	268	4.426e+05	9384.52	0.07	-552.50	0.0	2.959e+04	-6514.44	43.80	-1.434e+04	5351.23	4.426e+05
		2.668e+04	5351.23	-5.97e-04	0.0	92.1	2.959e+04	-7066.94	43.80	-1.434e+04	9384.52	2.668e+04
209	310	4.434e+05	9336.98	0.07	-552.50	0.0	2.970e+04	-6537.58	43.31	-1.506e+04	5348.86	4.434e+05
		2.526e+04	5348.86	-5.33e-04	0.0	92.1	2.970e+04	-7090.08	43.31	-1.506e+04	9336.98	2.526e+04
209	316	3.822e+05	1.085e+04	0.07	-552.50	0.0	3.115e+04	-6496.38	53.23	-1.598e+04	5949.84	3.822e+05
		-4.240e+04	5949.84	-2.31e-04	0.0	92.1	3.115e+04	-7048.88	53.23	-1.598e+04	1.085e+04	-4.240e+04
209	319	1.011e+06	1.346e+04	0.18	-552.50	0.0	5.185e+04	-1.323e+04	86.70	2.722e+04	5477.06	1.011e+06
		2.000e+05	5477.06	-1.56e-03	0.0	92.1	5.185e+04	-1.378e+04	86.70	2.722e+04	1.346e+04	2.000e+05
209	320	6.975e+05	1.525e+04	0.09	-552.50	0.0	3.914e+04	-7638.88	101.61	-6498.05	5893.22	6.975e+05
		2.233e+05	5893.22	-6.13e-04	0.0	92.1	3.914e+04	-8191.38	101.61	-6498.05	1.525e+04	2.233e+05
209	324	4.418e+05	9527.09	0.07	-552.50	0.0	2.971e+04	-6531.06	41.92	-1.532e+04	5666.74	4.418e+05
		2.205e+04	5666.74	-3.72e-04	0.0	92.1	2.971e+04	-7083.56	41.92	-1.532e+04	9527.09	2.205e+04
209	342	4.883e+05	1.099e+04	0.07	-552.50	0.0	2.773e+04	-6698.52	52.01	-2.189e+04	7664.08	4.883e+05
		7.298e+04	7664.08	-6.40e-04	0.0	92.1	2.773e+04	-7251.02	52.01	-2.189e+04	1.099e+04	7.298e+04
209	343	3.953e+05	8060.48	0.07	-552.50	0.0	3.170e+04	-6363.59	31.84	-8744.04	3669.40	3.953e+05
		-2.888e+04	3669.40	-1.41e-04	0.0	92.1	3.170e+04	-6916.09	31.84	-8744.04	8060.48	-2.888e+04
209	344	4.675e+05	1.193e+04	0.07	-552.50	0.0	2.823e+04	-6661.73	62.46	-2.149e+04	7564.36	4.675e+05
		5.440e+04	7564.36	-6.55e-04	0.0	92.1	2.823e+04	-7214.23	62.46	-2.149e+04	1.193e+04	5.440e+04
209	358	4.649e+05	8553.95	0.07	-552.50	0.0	2.922e+04	-6583.96	31.86	-1.527e+04	5588.97	4.649e+05
		4.149e+04	5588.97	-4.66e-04	0.0	92.1	2.922e+04	-7136.46	31.86	-1.527e+04	8553.95	4.149e+04
209	359	4.187e+05	1.050e+04	0.07	-552.50	0.0	3.021e+04	-6478.15	51.99	-1.536e+04	5744.51	4.187e+05
		2606.57	5744.51	-2.94e-04	0.0	92.1	3.021e+04	-7030.65	51.99	-1.536e+04	1.050e+04	2606.57
209	363	4.204e+05	1.052e+04	0.07	-552.50	0.0	3.018e+04	-6490.57	51.94	-1.532e+04	5687.57	4.204e+05
		3427.35	5687.57	-2.57e-04	0.0	92.1	3.018e+04	-7043.07	51.94	-1.532e+04	1.052e+04	3427.35
209	374	4.661e+05	8658.76	0.07	-552.50	0.0	2.933e+04	-6615.15	34.81	-1.418e+04	5158.03	4.661e+05
		3.984e+04	5158.03	-7.70e-04	0.0	92.1	2.933e+04	-7167.65	34.81	-1.418e+04	8658.76	3.984e+04
209	376	4.557e+05	9128.64	0.07	-552.50	0.0	2.958e+04	-6596.90	40.04	-1.398e+04	5108.68	4.557e+05
		3.054e+04	5108.68	-7.77e-04	0.0	92.1	2.958e+04	-7149.40	40.04	-1.398e+04	9128.64	3.054e+04
210	50	5.221e+05	-4580.95	0.09	-552.50	0.0	4.541e+04	-9297.64	-17.13	6.053e+04	-4580.95	5.221e+05
		-7.911e+04	-4580.95	-1.03e-04	0.0	92.1	4.541e+04	-9850.14	-17.13	6.053e+04	-4580.95	-7.911e+04
210	73	1.867e+06	-1084.67	0.34	-745.88	0.0	9.710e+04	-2.450e+04	78.53	1.482e+05	-1084.67	1.867e+06
		3.560e+05	-1084.67	-2.11e-03	0.0	92.1	9.710e+04	-2.525e+04	78.53	1.482e+05	-1084.67	3.560e+05
210	74	1.709e+06	661.88	0.31	-552.50	0.0	8.621e+04	-2.213e+04	96.31	1.500e+05	-8207.00	1.709e+06
		3.501e+05	-8207.00	-2.13e-03	0.0	92.1	8.621e+04	-2.268e+04	96.31	1.500e+05	661.88	3.501e+05
210	81	1.272e+06	-1.888e+04	0.17	-745.88	0.0	7.276e+04	-1.356e+04	-66.49	7.452e+04	-1.888e+04	1.272e+06
		4.354e+05	-2.500e+04	-9.26e-04	0.0	92.1	7.276e+04	-1.431e+04	-66.49	7.452e+04	-2.500e+04	4.354e+05
210	124	4.143e+05	-1372.68	0.07	-552.50	0.0	2.807e+04	-6063.12	-24.21	1628.05	-1372.68	4.143e+05
		2.334e+04	-3602.28	-3.46e-04	0.0	92.1	2.807e+04	-6615.62	-24.21	1628.05	-3602.28	2.334e+04
210	231	3.462e+05	-581.40	0.06	-552.50	0.0	3.096e+04	-6241.98	-61.65	-2511.54	-581.40	3.462e+05

		-6.254e+04	-6258.80	2.10e-04	0.0	92.1	3.096e+04	-6794.48	-61.65	-2511.54	-6258.80	-6.254e+04
210	243	1.225e+06	-1206.65	0.22	-552.50	0.0	6.119e+04	-1.575e+04	22.38	6.380e+04	-3267.36	1.225e+06
		2.554e+05	-3267.36	-1.30e-03	0.0	92.1	6.119e+04	-1.630e+04	22.38	6.380e+04	-1206.65	2.554e+05
210	247	7.844e+05	-1.109e+04	0.10	-552.50	0.0	4.315e+04	-7640.96	-85.04	9199.36	-1.109e+04	7.844e+05
		3.142e+05	-1.892e+04	-4.24e-04	0.0	92.1	4.315e+04	-8193.46	-85.04	9199.36	-1.892e+04	3.142e+05
210	251	3.597e+05	521.67	0.07	-552.50	0.0	3.059e+04	-6241.60	-49.79	-4435.15	521.67	3.597e+05
		-4.695e+04	-4063.00	2.98e-04	0.0	92.1	3.059e+04	-6794.10	-49.79	-4435.15	-4063.00	-4.695e+04
210	268	4.234e+05	-1067.72	0.07	-552.50	0.0	2.879e+04	-6233.04	-31.97	-136.29	-1067.72	4.234e+05
		2.167e+04	-4011.55	-2.10e-04	0.0	92.1	2.879e+04	-6785.54	-31.97	-136.29	-4011.55	2.167e+04
210	310	4.240e+05	-1055.59	0.07	-552.50	0.0	2.884e+04	-6246.27	-34.88	-990.92	-1055.59	4.240e+05
		2.137e+04	-4267.76	-1.35e-04	0.0	92.1	2.884e+04	-6798.77	-34.88	-990.92	-4267.76	2.137e+04
210	316	3.652e+05	-342.81	0.07	-552.50	0.0	3.044e+04	-6243.00	-62.14	-2407.83	-342.81	3.652e+05
		-4.236e+04	-6064.89	3.18e-04	0.0	92.1	3.044e+04	-6795.50	-62.14	-2407.83	-6064.89	-4.236e+04
210	319	1.024e+06	-2275.78	0.19	-552.50	0.0	5.311e+04	-1.337e+04	0.89	4.732e+04	-2357.28	1.024e+06
		1.961e+05	-2357.28	-8.09e-04	0.0	92.1	5.311e+04	-1.392e+04	0.89	4.732e+04	-2275.78	1.961e+05
210	320	6.938e+05	-8224.51	0.09	-552.50	0.0	3.958e+04	-7292.24	-79.68	6375.34	-8224.51	6.938e+05
		2.402e+05	-1.556e+04	1.60e-04	0.0	92.1	3.958e+04	-7844.74	-79.68	6375.34	-1.556e+04	2.402e+05
210	321	3.753e+05	484.50	0.07	-552.50	0.0	3.016e+04	-6242.72	-53.24	-3850.54	484.50	3.753e+05
		-3.066e+04	-4418.04	3.92e-04	0.0	92.1	3.016e+04	-6795.22	-53.24	-3850.54	-4418.04	-3.066e+04
210	324	4.323e+05	-697.34	0.07	-552.50	0.0	2.885e+04	-6246.28	-42.06	-1269.55	-697.34	4.323e+05
		2.054e+04	-4570.71	9.44e-05	0.0	92.1	2.885e+04	-6798.78	-42.06	-1269.55	-4570.71	2.054e+04
210	326	4.604e+05	-1834.07	0.07	-552.50	0.0	2.782e+04	-6281.11	-20.26	-3123.51	-1834.07	4.604e+05
		5.567e+04	-2943.55	-5.58e-05	0.0	92.1	2.782e+04	-6833.61	-20.26	-3123.51	-2943.55	5.567e+04
210	327	3.866e+05	439.39	0.07	-552.50	0.0	2.988e+04	-6211.45	-63.86	584.40	439.39	3.866e+05
		-1.458e+04	-6197.86	1.98e-04	0.0	92.1	2.988e+04	-6763.95	-63.86	584.40	-6197.86	-1.458e+04
210	343	3.997e+05	1373.70	0.07	-552.50	0.0	2.972e+04	-6270.19	-74.89	5308.59	1373.70	3.997e+05
		-4536.86	-7971.74	4.90e-04	0.0	92.1	2.972e+04	-6822.69	-74.89	5308.59	-7971.74	-4536.86
210	347	3.999e+05	1393.16	0.07	-552.50	0.0	2.971e+04	-6270.19	-75.01	5245.98	1393.16	3.999e+05
		-4382.23	-7963.50	5.35e-04	0.0	92.1	2.971e+04	-6822.69	-75.01	5245.98	-7963.50	-4382.23
210	358	4.413e+05	-1105.46	0.07	-552.50	0.0	2.841e+04	-6267.68	-32.04	-888.58	-1105.46	4.413e+05
		3.726e+04	-4011.79	-7.24e-05	0.0	92.1	2.841e+04	-6820.18	-32.04	-888.58	-4011.79	3.726e+04
210	359	4.057e+05	-289.22	0.07	-552.50	0.0	2.929e+04	-6224.88	-52.09	-1650.53	-289.22	4.057e+05
		3822.15	-5129.62	2.10e-04	0.0	92.1	2.929e+04	-6777.38	-52.09	-1650.53	-5129.62	3822.15
210	362	4.411e+05	-1146.51	0.07	-552.50	0.0	2.841e+04	-6267.10	-32.60	-761.86	-1146.51	4.411e+05
		3.696e+04	-4037.65	-1.25e-04	0.0	92.1	2.841e+04	-6819.60	-32.60	-761.86	-4037.65	3.696e+04
210	363	4.059e+05	-248.17	0.07	-552.50	0.0	2.929e+04	-6225.46	-51.53	-1777.25	-248.17	4.059e+05
		4127.27	-5103.76	2.60e-04	0.0	92.1	2.929e+04	-6777.96	-51.53	-1777.25	-5103.76	4127.27
210	375	4.137e+05	-197.19	0.07	-552.50	0.0	2.904e+04	-6244.28	-55.53	-2340.69	-197.19	4.137e+05
		1.088e+04	-5422.55	5.39e-04	0.0	92.1	2.904e+04	-6796.78	-55.53	-2340.69	-5422.55	1.088e+04
210	387	4.145e+05	-50.61	0.07	-552.50	0.0	2.903e+04	-6246.20	-53.74	-2794.43	-50.61	4.145e+05
		1.197e+04	-5332.26	7.37e-04	0.0	92.1	2.903e+04	-6798.70	-53.74	-2794.43	-5332.26	1.197e+04
211	73	2.040e+06	1.861e+04	0.37	-745.88	0.0	1.072e+05	-2.710e+04	239.75	1.525e+05	-3472.38	2.040e+06
		3.761e+05	-3472.38	-1.80e-03	0.0	92.1	1.072e+05	-2.785e+04	239.75	1.525e+05	1.861e+04	3.761e+05
211	74	1.881e+06	1.686e+04	0.34	-552.50	0.0	9.631e+04	-2.473e+04	221.97	1.507e+05	-3581.44	1.881e+06
		3.702e+05	-3581.44	-1.78e-03	0.0	92.1	9.631e+04	-2.528e+04	221.97	1.507e+05	1.686e+04	3.702e+05
211	81	1.429e+06	3.296e+04	0.18	-745.88	0.0	8.153e+04	-1.470e+04	271.75	7.724e+04	7931.84	1.429e+06
		5.313e+05	7931.84	-1.03e-03	0.0	92.1	8.153e+04	-1.544e+04	271.75	7.724e+04	3.296e+04	5.313e+05
211	90	6.155e+05	1.537e+04	0.11	-552.50	0.0	5.126e+04	-1.061e+04	159.30	4.849e+04	701.73	6.155e+05
		-6.396e+04	701.73	-5.09e-04	0.0	92.1	5.126e+04	-1.116e+04	159.30	4.849e+04	1.537e+04	-6.396e+04
211	162	4.128e+05	4515.17	0.07	-552.50	0.0	2.810e+04	-6063.14	45.85	-788.42	293.15	4.128e+05
		2.085e+04	293.15	-2.63e-04	0.0	92.1	2.810e+04	-6615.64	45.85	-788.42	4515.17	2.085e+04
211	243	1.282e+06	8909.78	0.24	-552.50	0.0	6.449e+04	-1.672e+04	117.32	7.240e+04	-1893.76	1.282e+06
		2.559e+05	-1893.76	-9.93e-04	0.0	92.1	6.449e+04	-1.727e+04	117.32	7.240e+04	8909.78	2.559e+05
211	247	8.297e+05	1.954e+04	0.10	-552.50	0.0	4.547e+04	-7531.48	141.03	1.663e+04	6553.81	8.297e+05
		3.708e+05	6553.81	-4.75e-04	0.0	92.1	4.547e+04	-8083.98	141.03	1.663e+04	1.954e+04	3.708e+05
211	251	3.447e+05	7807.68	0.06	-552.50	0.0	3.111e+04	-6262.20	70.90	-3317.23	1278.96	3.447e+05
		-6.573e+04	1278.96	-1.09e-04	0.0	92.1	3.111e+04	-6814.70	70.90	-3317.23	7807.68	-6.573e+04
211	287	4.224e+05	4617.44	0.07	-552.50	0.0	2.881e+04	-6233.06	46.33	693.57	351.21	4.224e+05
		2.002e+04	351.21	-1.97e-04	0.0	92.1	2.881e+04	-6785.56	46.33	693.57	4617.44	2.002e+04
211	309	4.235e+05	4570.70	0.07	-552.50	0.0	2.885e+04	-6246.28	42.06	1269.57	697.33	4.235e+05
		2.054e+04	697.33	-9.44e-05	0.0	92.1	2.885e+04	-6798.78	42.06	1269.57	4570.70	2.054e+04
211	319	1.068e+06	7598.71	0.20	-552.50	0.0	5.557e+04	-1.410e+04	93.12	5.441e+04	-976.19	1.068e+06
		1.977e+05	-976.19	-6.10e-04	0.0	92.1	5.557e+04	-1.465e+04	93.12	5.441e+04	7598.71	1.977e+05
211	320	7.285e+05	1.557e+04	0.09	-552.50	0.0	4.131e+04	-7210.12	110.90	1.258e+04	5359.49	7.285e+05
		2.839e+05	5359.49	-2.80e-04	0.0	92.1	4.131e+04	-7762.62	110.90	1.258e+04	1.557e+04	2.839e+05
211	321	3.648e+05	6772.14	0.07	-552.50	0.0	3.054e+04	-6258.15	58.30	-2381.69	1403.35	3.648e+05
		-4.351e+04	1403.35	1.09e-04	0.0	92.1	3.054e+04	-6810.65	58.30	-2381.69	6772.14	-4.351e+04
211	324	4.235e+05	4570.70	0.07	-552.50	0.0	2.885e+04	-6246.28	42.06	1269.57	697.33	4.235e+05
		2.054e+04	697.33	-9.44e-05	0.0	92.1	2.885e+04	-6798.78	42.06	1269.57	4570.70	2.054e+04
211	333	4.603e+05	2932.97	0.07	-552.50	0.0	2.783e+04	-6279.99	20.15	3151.04	1829.88	4.603e+05
		5.572e+04	1829.88	5.67e-05	0.0	92.1	2.783e+04	-6832.49	20.15	3151.04	2932.97	5.572e+04
211	336	3.867e+05	6208.44	0.07	-552.50	0.0	2.987e+04	-6212.57	63.98	-611.89	-435.21	3.867e+05
		-1.463e+04	-435.21	-1.99e-04	0.0	92.1	2.987e+04	-6765.07	63.98	-611.89	6208.44	-1.463e+04
211	344	4.002e+05	7998.76	0.07	-552.50	0.0	2.967e+04	-6273.92	75.41	-5337.65	-1379.22	4.002e+05
		-4538.11	-1379.22	-5.38e-04	0.0	92.1	2.967e+04	-6826.42	75.41	-5337.65	7998.76	-4538.11
211	348	4.000e+05	8007.00	0.07	-552.50	0.0	2.968e+04	-6273.92	75.28	-5400.27	-1359.76	4.000e+05
		-4692.73	-1359.76	-4.93e-04	0.0	92.1	2.968e+04	-6826.42	75.28	-5400.27	8007.00	-4692.73

211	365	4.413e+05	4011.79	0.07	-552.50	0.0	2.841e+04	-6267.68	32.04	888.60	1105.46	4.413e+05
		3.726e+04	1105.46	7.24e-05	0.0	92.1	2.841e+04	-6820.18	32.04	888.60	4011.79	3.726e+04
211	368	4.057e+05	5129.62	0.07	-552.50	0.0	2.929e+04	-6224.88	52.09	1650.54	289.21	4.057e+05
		3822.16	289.21	-2.10e-04	0.0	92.1	2.929e+04	-6777.38	52.09	1650.54	5129.62	3822.16
211	369	4.411e+05	4037.64	0.07	-552.50	0.0	2.841e+04	-6267.10	32.60	761.88	1146.51	4.411e+05
		3.696e+04	1146.51	1.25e-04	0.0	92.1	2.841e+04	-6819.60	32.60	761.88	4037.64	3.696e+04
211	372	4.059e+05	5103.77	0.07	-552.50	0.0	2.929e+04	-6225.46	51.53	1777.26	248.16	4.059e+05
		4127.31	248.16	-2.60e-04	0.0	92.1	2.929e+04	-6777.96	51.53	1777.26	5103.77	4127.31
211	380	4.137e+05	5422.55	0.07	-552.50	0.0	2.904e+04	-6244.28	55.53	2340.71	197.18	4.137e+05
		1.088e+04	197.18	-5.39e-04	0.0	92.1	2.904e+04	-6796.78	55.53	2340.71	5422.55	1.088e+04
211	384	4.145e+05	5332.26	0.07	-552.50	0.0	2.903e+04	-6246.20	53.74	2794.45	50.61	4.145e+05
		1.197e+04	50.61	-7.37e-04	0.0	92.1	2.903e+04	-6798.70	53.74	2794.45	5332.26	1.197e+04
212	73	2.219e+06	-1.382e+04	0.40	-745.88	0.0	1.177e+05	-3.028e+04	-58.95	1.697e+05	-1.382e+04	2.219e+06
		3.610e+05	-1.925e+04	2.80e-04	0.0	92.1	1.177e+05	-3.102e+04	-58.95	1.697e+05	-1.925e+04	3.610e+05
212	81	1.592e+06	-1.393e+04	0.20	-745.88	0.0	8.902e+04	-1.705e+04	-199.58	8.564e+04	-1.393e+04	1.592e+06
		5.434e+05	-3.231e+04	4.76e-04	0.0	92.1	8.902e+04	-1.779e+04	-199.58	8.564e+04	-3.231e+04	5.434e+05
212	90	6.539e+05	-6261.79	0.12	-552.50	0.0	5.628e+04	-1.184e+04	-94.13	5.875e+04	-6261.79	6.539e+05
		-1.140e+05	-1.493e+04	3.95e-04	0.0	92.1	5.628e+04	-1.240e+04	-94.13	5.875e+04	-1.493e+04	-1.140e+05
212	162	4.222e+05	-5070.79	0.07	-552.50	0.0	2.854e+04	-6260.15	-43.64	1.089e+04	-5070.79	4.222e+05
		1.722e+04	-9089.43	2.17e-04	0.0	92.1	2.854e+04	-6812.65	-43.64	1.089e+04	-9089.43	1.722e+04
212	206	4.257e+05	-4588.29	0.07	-552.50	0.0	2.867e+04	-6304.68	-45.00	1.159e+04	-4588.29	4.257e+05
		1.993e+04	-8731.67	3.43e-04	0.0	92.1	2.867e+04	-6857.18	-45.00	1.159e+04	-8731.67	1.993e+04
212	243	1.378e+06	-8428.40	0.25	-552.50	0.0	6.941e+04	-1.831e+04	-33.14	8.570e+04	-8428.40	1.378e+06
		2.573e+05	-1.148e+04	2.16e-04	0.0	92.1	6.941e+04	-1.887e+04	-33.14	8.570e+04	-1.148e+04	2.573e+05
212	247	9.137e+05	-8506.37	0.10	-552.50	0.0	4.819e+04	-8511.37	-137.31	2.340e+04	-8506.37	9.137e+05
		3.924e+05	-2.115e+04	3.67e-04	0.0	92.1	4.819e+04	-9063.87	-137.31	2.340e+04	-2.115e+04	3.924e+05
212	251	3.468e+05	-5214.50	0.07	-552.50	0.0	3.252e+04	-6543.52	-67.45	1.063e+04	-5214.50	3.468e+05
		-8.706e+04	-1.143e+04	4.62e-04	0.0	92.1	3.252e+04	-7096.02	-67.45	1.063e+04	-1.143e+04	-8.706e+04
212	287	4.395e+05	-5986.99	0.07	-552.50	0.0	2.962e+04	-6501.40	-41.03	1.484e+04	-5986.99	4.395e+05
		2.025e+04	-9764.75	2.87e-04	0.0	92.1	2.962e+04	-7053.90	-41.03	1.484e+04	-9764.75	2.025e+04
212	309	4.418e+05	-5666.74	0.07	-552.50	0.0	2.971e+04	-6531.06	-41.92	1.532e+04	-5666.74	4.418e+05
		2.205e+04	-9527.09	3.72e-04	0.0	92.1	2.971e+04	-7083.56	-41.92	1.532e+04	-9527.09	2.205e+04
212	319	1.145e+06	-7498.30	0.21	-552.50	0.0	5.947e+04	-1.537e+04	-36.38	6.791e+04	-7498.30	1.145e+06
		2.008e+05	-1.085e+04	3.34e-04	0.0	92.1	5.947e+04	-1.592e+04	-36.38	6.791e+04	-1.085e+04	2.008e+05
212	320	7.969e+05	-7556.79	0.10	-552.50	0.0	4.356e+04	-8021.25	-114.51	2.119e+04	-7556.79	7.969e+05
		3.022e+05	-1.810e+04	4.53e-04	0.0	92.1	4.356e+04	-8573.75	-114.51	2.119e+04	-1.810e+04	3.022e+05
212	321	3.717e+05	-5087.88	0.07	-552.50	0.0	3.181e+04	-6545.36	-62.12	1.161e+04	-5087.88	3.717e+05
		-5.741e+04	-1.081e+04	5.60e-04	0.0	92.1	3.181e+04	-7097.86	-62.12	1.161e+04	-1.081e+04	-5.741e+04
212	324	4.418e+05	-5666.74	0.07	-552.50	0.0	2.971e+04	-6531.06	-41.92	1.532e+04	-5666.74	4.418e+05
		2.205e+04	-9527.09	3.72e-04	0.0	92.1	2.971e+04	-7083.56	-41.92	1.532e+04	-9527.09	2.205e+04
212	345	4.873e+05	-7689.79	0.07	-552.50	0.0	2.779e+04	-6690.44	-50.35	2.212e+04	-7689.79	4.873e+05
		7.308e+04	-1.089e+04	6.39e-04	0.0	92.1	2.779e+04	-7242.94	-50.35	2.212e+04	-1.089e+04	7.308e+04
212	347	4.665e+05	-7590.07	0.07	-552.50	0.0	2.829e+04	-6653.65	-60.80	2.172e+04	-7590.07	4.665e+05
		5.450e+04	-1.183e+04	6.54e-04	0.0	92.1	2.829e+04	-7206.15	-60.80	2.172e+04	-1.183e+04	5.450e+04
212	348	3.963e+05	-3643.69	0.07	-552.50	0.0	3.164e+04	-6371.67	-33.49	8513.92	-3643.69	3.963e+05
		-2.898e+04	-8165.50	1.42e-04	0.0	92.1	3.164e+04	-6924.17	-33.49	8513.92	-8165.50	-2.898e+04
212	365	4.649e+05	-5588.97	0.07	-552.50	0.0	2.922e+04	-6583.96	-31.86	1.527e+04	-5588.97	4.649e+05
		4.149e+04	-8553.95	4.66e-04	0.0	92.1	2.922e+04	-7136.46	-31.86	1.527e+04	-8553.95	4.149e+04
212	368	4.187e+05	-5744.51	0.07	-552.50	0.0	3.021e+04	-6478.15	-51.99	1.536e+04	-5744.51	4.187e+05
		2606.60	-1.050e+04	2.94e-04	0.0	92.1	3.021e+04	-7030.65	-51.99	1.536e+04	-1.050e+04	2606.60
212	372	4.204e+05	-5687.57	0.07	-552.50	0.0	3.018e+04	-6490.57	-51.94	1.532e+04	-5687.57	4.204e+05
		3427.41	-1.052e+04	2.57e-04	0.0	92.1	3.018e+04	-7043.07	-51.94	1.532e+04	-1.052e+04	3427.41
212	377	4.661e+05	-5158.03	0.07	-552.50	0.0	2.933e+04	-6615.15	-34.81	1.418e+04	-5158.03	4.661e+05
		3.984e+04	-8658.76	7.70e-04	0.0	92.1	2.933e+04	-7167.65	-34.81	1.418e+04	-8658.76	3.984e+04
212	379	4.557e+05	-5108.68	0.07	-552.50	0.0	2.958e+04	-6596.90	-40.04	1.398e+04	-5108.68	4.557e+05
		3.054e+04	-9128.64	7.77e-04	0.0	92.1	2.958e+04	-7149.40	-40.04	1.398e+04	-9128.64	3.054e+04
213	97	2.711e+06	-1.596e+04	0.40	-745.88	0.0	1.347e+05	-3.575e+04	-40.63	1.789e+05	-1.596e+04	2.711e+06
		5.289e+05	-1.970e+04	4.65e-04	0.0	92.1	1.347e+05	-3.649e+04	-40.63	1.789e+05	-1.970e+04	5.289e+05
213	106	6.377e+05	-6409.81	0.12	-552.50	0.0	5.667e+04	-1.184e+04	-97.25	5.878e+04	-6409.81	6.377e+05
		-1.312e+05	-1.537e+04	3.48e-04	0.0	92.1	5.667e+04	-1.239e+04	-97.25	5.878e+04	-1.537e+04	-1.312e+05
213	127	8.231e+05	-1.085e+04	0.15	-745.88	0.0	6.800e+04	-1.440e+04	-169.78	7.276e+04	-1.085e+04	8.231e+05
		-1.087e+05	-2.011e+04	4.09e-04	138.40	92.1	6.800e+04	-1.514e+04	-31.38	7.276e+04	-2.011e+04	-1.087e+05
213	206	4.257e+05	-4588.27	0.07	-552.50	0.0	2.867e+04	-6304.68	-45.00	1.159e+04	-4588.27	4.257e+05
		1.993e+04	-8731.69	3.43e-04	0.0	92.1	2.867e+04	-6857.18	-45.00	1.159e+04	-8731.69	1.993e+04
213	255	1.744e+06	-1.003e+04	0.25	-552.50	0.0	8.200e+04	-2.236e+04	-19.17	9.257e+04	-1.003e+04	1.744e+06
		3.830e+05	-1.180e+04	3.60e-04	0.0	92.1	8.200e+04	-2.291e+04	-19.17	9.257e+04	-1.180e+04	3.830e+05
213	259	3.360e+05	-5346.02	0.06	-552.50	0.0	3.278e+04	-6537.11	-69.37	1.074e+04	-5346.02	3.360e+05
		-9.845e+04	-1.173e+04	4.11e-04	0.0	92.1	3.278e+04	-7089.61	-69.37	1.074e+04	-1.173e+04	-9.845e+04
213	270	6.086e+05	-7811.54	0.11	-552.50	0.0	5.023e+04	-1.064e+04	-121.26	5.325e+04	-7811.54	6.086e+05
		-7.969e+04	-1.473e+04	3.12e-04	92.27	92.1	5.023e+04	-1.119e+04	-28.99	5.325e+04	-1.473e+04	-7.969e+04
213	287	4.339e+05	-6037.64	0.07	-552.50	0.0	2.976e+04	-6498.83	-42.11	1.485e+04	-6037.64	4.339e+05
		1.439e+04	-9915.31	2.76e-04	0.0	92.1	2.976e+04	-7051.33	-42.11	1.485e+04	-9915.31	1.439e+04
213	310	4.410e+05	-6027.21	0.07	-552.50	0.0	2.970e+04	-6522.93	-40.12	1.572e+04	-6027.21	4.410e+05
		1.989e+04	-9721.36	2.31e-04	0.0	92.1	2.970e+04	-7075.43	-40.12	1.572e+04	-9721.36	1.989e+04
213	311	4.787e+05	-6013.89	0.09	-552.50	0.0	3.874e+04	-8171.62	-64.72	2.835e+04	-6013.89	4.787e+05
		-5.082e+04	-1.197e+04	4.42e-04	0.0	92.1	3.874e+04	-8724.12	-64.72	2.835e+04	-1.197e+04	-5.082e+04
213	322	1.423e+06	-8653.05	0.21	-552.50	0.0	6.883e+04	-1.841e+04	-25.19	7.302e+04	-8653.05	1.423e+06

		2.993e+05	-1.097e+04	4.74e-04	0.0	92.1	6.883e+04	-1.896e+04	-25.19	7.302e+04	-1.097e+04	2.993e+05
213	323	3.676e+05	-5138.11	0.07	-552.50	0.0	3.191e+04	-6542.87	-62.84	1.165e+04	-5138.11	3.676e+05
		-6.181e+04	-1.092e+04	5.32e-04	0.0	92.1	3.191e+04	-7095.37	-62.84	1.165e+04	-1.092e+04	-6.181e+04
213	324	4.418e+05	-5666.72	0.07	-552.50	0.0	2.971e+04	-6531.06	-41.92	1.532e+04	-5666.72	4.418e+05
		2.205e+04	-9527.11	3.72e-04	0.0	92.1	2.971e+04	-7083.56	-41.92	1.532e+04	-9527.11	2.205e+04
213	328	3.296e+05	-5604.62	0.07	-552.50	0.0	3.375e+04	-5800.02	-92.09	1.807e+04	-5604.62	3.296e+05
		-7.322e+04	-1.442e+04	-8.32e-04	0.0	92.1	3.375e+04	-6352.52	-92.09	1.807e+04	-1.442e+04	-7.322e+04
213	333	5.546e+05	-4643.88	0.08	-552.50	0.0	2.560e+04	-7265.58	8.88	1.265e+04	-5768.83	5.546e+05
		1.187e+05	-5768.83	1.47e-03	0.0	92.1	2.560e+04	-7818.08	8.88	1.265e+04	-4643.88	1.187e+05
213	334	5.231e+05	-6237.22	0.09	-552.50	0.0	2.421e+04	-6972.86	-4.48	2.372e+04	-6404.08	5.231e+05
		1.054e+05	-6404.08	-8.12e-04	0.0	92.1	2.421e+04	-7525.36	-4.48	2.372e+04	-6237.22	1.054e+05
213	335	3.605e+05	-4929.36	0.06	-552.50	0.0	3.522e+04	-6089.26	-79.36	6914.55	-5692.72	3.605e+05
		-6.130e+04	-1.282e+04	1.49e-03	0.0	92.1	3.522e+04	-6641.76	-79.36	6914.55	-1.282e+04	-6.130e+04
213	336	3.291e+05	-5564.62	0.07	-552.50	0.0	3.383e+04	-5796.54	-92.73	1.798e+04	-5564.62	3.291e+05
		-7.460e+04	-1.441e+04	-7.92e-04	0.0	92.1	3.383e+04	-6349.04	-92.73	1.798e+04	-1.441e+04	-7.460e+04
213	347	4.650e+05	-4482.05	0.05	-552.50	0.0	3.348e+04	-6842.48	-32.89	-3982.26	-4482.05	4.650e+05
		1.721e+04	-8097.53	4.16e-03	0.0	92.1	3.348e+04	-7394.98	-32.89	-3982.26	-8097.53	1.721e+04
213	364	3.872e+05	-5578.93	0.07	-552.50	0.0	3.227e+04	-6204.66	-65.27	1.433e+04	-5578.93	3.872e+05
		-2.533e+04	-1.180e+04	2.68e-04	0.0	92.1	3.227e+04	-6757.16	-65.27	1.433e+04	-1.180e+04	-2.533e+04
213	365	4.965e+05	-5692.72	0.08	-552.50	0.0	2.712e+04	-6860.41	-18.32	1.635e+04	-5692.72	4.965e+05
		6.973e+04	-7295.48	6.59e-04	0.0	92.1	2.712e+04	-7412.91	-18.32	1.635e+04	-7295.48	6.973e+04
213	368	3.885e+05	-5640.72	0.07	-552.50	0.0	3.231e+04	-6201.70	-65.52	1.426e+04	-5640.72	3.885e+05
		-2.563e+04	-1.176e+04	1.82e-04	0.0	92.1	3.231e+04	-6754.20	-65.52	1.426e+04	-1.176e+04	-2.563e+04
213	369	4.967e+05	-5773.64	0.08	-552.50	0.0	2.712e+04	-6859.16	-18.26	1.635e+04	-5773.64	4.967e+05
		7.012e+04	-7256.42	4.95e-04	0.0	92.1	2.712e+04	-7411.66	-18.26	1.635e+04	-7256.42	7.012e+04
213	372	3.869e+05	-5559.80	0.07	-552.50	0.0	3.230e+04	-6202.95	-65.59	1.428e+04	-5559.80	3.869e+05
		-2.602e+04	-1.180e+04	2.80e-04	0.0	92.1	3.230e+04	-6755.45	-65.59	1.428e+04	-1.180e+04	-2.602e+04
213	379	4.394e+05	-4977.77	0.07	-552.50	0.0	2.985e+04	-6538.09	-43.52	1.346e+04	-4977.77	4.394e+05
		1.645e+04	-9521.89	1.42e-03	0.0	92.1	2.985e+04	-7090.59	-43.52	1.346e+04	-9521.89	1.645e+04
214	89	1.611e+06	1.811e+04	0.32	-745.88	0.0	9.204e+04	-2.233e+04	221.16	1.305e+05	-2252.81	1.611e+06
		2.290e+05	-2252.81	-1.59e-03	0.0	92.1	9.204e+04	-2.308e+04	221.16	1.305e+05	1.811e+04	2.290e+05
214	90	1.453e+06	1.637e+04	0.30	-552.50	0.0	8.114e+04	-1.996e+04	203.38	1.287e+05	-2361.88	1.453e+06
		2.231e+05	-2361.88	-1.57e-03	0.0	92.1	8.114e+04	-2.051e+04	203.38	1.287e+05	1.637e+04	2.231e+05
214	97	2.502e+06	1.467e+04	0.36	-745.88	0.0	1.232e+05	-3.219e+04	183.05	1.312e+05	-2188.21	2.502e+06
		5.336e+05	-2188.21	-1.72e-03	0.0	92.1	1.232e+05	-3.294e+04	183.05	1.312e+05	1.467e+04	5.336e+05
214	106	5.989e+05	1.559e+04	0.11	-552.50	0.0	5.171e+04	-1.061e+04	163.54	4.867e+04	527.07	5.989e+05
		-8.168e+04	527.07	-5.78e-04	0.0	92.1	5.171e+04	-1.116e+04	163.54	4.867e+04	1.559e+04	-8.168e+04
214	206	4.145e+05	4443.10	0.07	-552.50	0.0	2.816e+04	-6082.98	39.40	73.67	814.74	4.145e+05
		2.164e+04	814.74	-9.64e-05	0.0	92.1	2.816e+04	-6635.48	39.40	73.67	4443.10	2.164e+04
214	251	9.658e+05	8496.97	0.20	-552.50	0.0	5.323e+04	-1.319e+04	103.31	5.617e+04	-1016.24	9.658e+05
		1.478e+05	-1016.24	-8.43e-04	0.0	92.1	5.323e+04	-1.374e+04	103.31	5.617e+04	8496.97	1.478e+05
214	255	1.626e+06	5945.48	0.23	-552.50	0.0	7.631e+04	-2.049e+04	75.08	5.669e+04	-968.38	1.626e+06
		3.735e+05	-968.38	-9.42e-04	0.0	92.1	7.631e+04	-2.104e+04	75.08	5.669e+04	5945.48	3.735e+05
214	259	3.332e+05	7919.42	0.06	-552.50	0.0	3.143e+04	-6261.64	73.80	-3082.84	1123.73	3.332e+05
		-7.793e+04	1123.73	-1.52e-04	0.0	92.1	3.143e+04	-6814.14	73.80	-3082.84	7919.42	-7.793e+04
214	270	5.642e+05	1.245e+04	0.10	-552.50	0.0	4.615e+04	-9597.07	133.37	3.926e+04	172.80	5.642e+05
		-5.124e+04	172.80	-5.70e-04	0.0	92.1	4.615e+04	-1.015e+04	133.37	3.926e+04	1.245e+04	-5.124e+04
214	287	4.167e+05	4690.84	0.07	-552.50	0.0	2.897e+04	-6233.12	47.77	748.87	292.42	4.167e+05
		1.389e+04	292.42	-2.15e-04	0.0	92.1	2.897e+04	-6785.62	47.77	748.87	4690.84	1.389e+04
214	310	4.233e+05	4813.00	0.07	-552.50	0.0	2.885e+04	-6245.86	49.13	1713.72	288.93	4.233e+05
		2.006e+04	288.93	-2.86e-04	0.0	92.1	2.885e+04	-6798.36	49.13	1713.72	4813.00	2.006e+04
214	311	4.542e+05	8391.41	0.08	-552.50	0.0	3.650e+04	-7589.73	82.09	1.482e+04	831.91	4.542e+05
		-3.578e+04	831.91	-1.74e-04	0.0	92.1	3.650e+04	-8142.23	82.09	1.482e+04	8391.41	-3.578e+04
214	321	8.348e+05	7248.92	0.17	-552.50	0.0	4.701e+04	-1.145e+04	81.56	4.215e+04	-261.69	8.348e+05
		1.212e+05	-261.69	-4.79e-04	0.0	92.1	4.701e+04	-1.200e+04	81.56	4.215e+04	7248.92	1.212e+05
214	322	1.330e+06	5335.30	0.19	-552.50	0.0	6.432e+04	-1.693e+04	60.39	4.254e+04	-225.80	1.330e+06
		2.904e+05	-225.80	-5.53e-04	0.0	92.1	6.432e+04	-1.748e+04	60.39	4.254e+04	5335.30	2.904e+05
214	323	3.604e+05	6815.76	0.07	-552.50	0.0	3.066e+04	-6257.79	59.43	-2287.83	1343.29	3.604e+05
		-4.815e+04	1343.29	7.77e-05	0.0	92.1	3.066e+04	-6810.29	59.43	-2287.83	6815.76	-4.815e+04
214	324	4.235e+05	4570.75	0.07	-552.50	0.0	2.885e+04	-6246.28	42.06	1269.54	697.35	4.235e+05
		2.054e+04	697.35	-9.44e-05	0.0	92.1	2.885e+04	-6798.78	42.06	1269.54	4570.75	2.054e+04
214	333	5.199e+05	2757.16	0.08	-552.50	0.0	2.432e+04	-5726.05	-0.49	-4103.42	2757.16	5.199e+05
		1.112e+05	2421.44	1.57e-03	0.0	92.1	2.432e+04	-6278.55	-0.49	-4103.42	2421.44	1.112e+05
214	334	5.120e+05	3951.60	0.08	-552.50	0.0	2.374e+04	-5681.94	23.06	7120.49	1552.79	5.120e+05
		1.059e+05	1552.79	-8.07e-04	0.0	92.1	2.374e+04	-6234.44	23.06	7120.49	3951.60	1.059e+05
214	335	3.351e+05	5189.91	0.06	-552.50	0.0	3.396e+04	-6810.62	61.07	-4581.41	-158.10	3.351e+05
		-6.477e+04	-158.10	6.73e-04	0.0	92.1	3.396e+04	-7363.12	61.07	-4581.41	5189.91	-6.477e+04
214	336	3.271e+05	6720.07	0.06	-552.50	0.0	3.338e+04	-6766.51	84.62	6642.50	-1362.47	3.271e+05
		-7.014e+04	-1362.47	-1.71e-03	0.0	92.1	3.338e+04	-7319.01	84.62	6642.50	6720.07	-7.014e+04
214	344	3.826e+05	7501.84	0.07	-552.50	0.0	2.931e+04	-6335.07	90.60	2.013e+04	-1789.51	3.826e+05
		-1.457e+04	-1789.51	-4.21e-03	0.0	92.1	2.931e+04	-6887.57	90.60	2.013e+04	7501.84	-1.457e+04
214	348	3.825e+05	7536.29	0.07	-552.50	0.0	2.933e+04	-6335.45	90.56	1.990e+04	-1747.22	3.825e+05
		-1.480e+04	-1747.22	-4.17e-03	0.0	92.1	2.933e+04	-6887.95	90.56	1.990e+04	7536.29	-1.480e+04
214	367	3.772e+05	5390.70	0.07	-552.50	0.0	3.123e+04	-6521.74	53.90	562.42	328.19	3.772e+05
		-2.284e+04	328.19	4.43e-05	0.0	92.1	3.123e+04	-7074.24	53.90	562.42	5390.70	-2.284e+04
214	369	4.721e+05	3991.97	0.08	-552.50	0.0	2.637e+04	-5966.21	24.50	992.18	1563.86	4.721e+05
		6.595e+04	1563.86	3.22e-04	0.0	92.1	2.637e+04	-6518.71	24.50	992.18	3991.97	6.595e+04

214	372	3.749e+05	5149.53	0.07	-552.50	0.0	3.133e+04	-6526.35	59.62	1546.90	-169.17	3.749e+05
		-2.487e+04	-169.17	-4.57e-04	0.0	92.1	3.133e+04	-7078.85	59.62	1546.90	5149.53	-2.487e+04
214	376	4.064e+05	4339.39	0.07	-552.50	0.0	2.973e+04	-6332.59	58.70	3302.72	-749.82	4.064e+05
		4328.69	-749.82	-1.27e-03	0.0	92.1	2.973e+04	-6885.09	58.70	3302.72	4339.39	4328.69
215	74	5.131e+05	-4579.95	0.09	-552.50	0.0	4.565e+04	-9298.00	-19.46	6.073e+04	-4579.95	5.131e+05
		-8.866e+04	-6371.60	-1.01e-04	0.0	92.1	4.565e+04	-9850.50	-19.46	6.073e+04	-6371.60	-8.866e+04
215	97	2.261e+06	991.78	0.33	-745.88	0.0	1.107e+05	-2.876e+04	175.97	1.701e+05	-1.521e+04	2.261e+06
		4.932e+05	-1.521e+04	-2.24e-03	0.0	92.1	1.107e+05	-2.951e+04	175.97	1.701e+05	991.78	4.932e+05
215	98	2.102e+06	2738.35	0.30	-552.50	0.0	9.978e+04	-2.639e+04	193.75	1.719e+05	-1.510e+04	2.102e+06
		4.873e+05	-1.510e+04	-2.26e-03	0.0	92.1	9.978e+04	-2.694e+04	193.75	1.719e+05	2738.35	4.873e+05
215	206	4.145e+05	-814.75	0.07	-552.50	0.0	2.816e+04	-6082.98	-39.40	-73.66	-814.75	4.145e+05
		2.164e+04	-4443.10	9.64e-05	0.0	92.1	2.816e+04	-6635.48	-39.40	-73.66	-4443.10	2.164e+04
215	243	3.401e+05	-612.31	0.06	-552.50	0.0	3.113e+04	-6242.45	-63.27	-2278.72	-612.31	3.401e+05
		-6.908e+04	-6438.15	2.04e-04	0.0	92.1	3.113e+04	-6794.95	-63.27	-2278.72	-6438.15	-6.908e+04
215	255	1.517e+06	309.96	0.22	-552.50	0.0	7.123e+04	-1.890e+04	94.67	8.007e+04	-8407.30	1.517e+06
		3.576e+05	-8407.30	-1.41e-03	0.0	92.1	7.123e+04	-1.945e+04	94.67	8.007e+04	309.96	3.576e+05
215	259	3.470e+05	458.36	0.06	-552.50	0.0	3.095e+04	-6243.04	-53.09	-3948.94	458.36	3.470e+05
		-6.062e+04	-4430.72	2.65e-04	0.0	92.1	3.095e+04	-6795.54	-53.09	-3948.94	-4430.72	-6.062e+04
215	268	4.171e+05	-1109.27	0.07	-552.50	0.0	2.897e+04	-6233.97	-33.63	139.51	-1109.27	4.171e+05
		1.486e+04	-4406.36	-2.24e-04	0.0	92.1	2.897e+04	-6786.47	-33.63	139.51	-4406.36	1.486e+04
215	309	4.235e+05	-697.35	0.07	-552.50	0.0	2.885e+04	-6246.28	-42.06	-1269.52	-697.35	4.235e+05
		2.054e+04	-4570.76	9.44e-05	0.0	92.1	2.885e+04	-6798.78	-42.06	-1269.52	-4570.76	2.054e+04
215	319	3.652e+05	-347.09	0.07	-552.50	0.0	3.044e+04	-6242.76	-62.13	-2399.60	-347.09	3.652e+05
		-4.224e+04	-6068.18	3.18e-04	0.0	92.1	3.044e+04	-6795.26	-62.13	-2399.60	-6068.18	-4.224e+04
215	322	1.248e+06	-1007.09	0.18	-552.50	0.0	6.050e+04	-1.574e+04	56.32	5.936e+04	-6193.34	1.248e+06
		2.778e+05	-6193.34	-8.81e-04	0.0	92.1	6.050e+04	-1.629e+04	56.32	5.936e+04	-1007.09	2.778e+05
215	323	3.704e+05	455.91	0.07	-552.50	0.0	3.030e+04	-6243.20	-54.50	-3652.27	455.91	3.704e+05
		-3.589e+04	-4562.60	3.74e-04	0.0	92.1	3.030e+04	-6795.70	-54.50	-3652.27	-4562.60	-3.589e+04
215	324	4.235e+05	-697.35	0.07	-552.50	0.0	2.885e+04	-6246.28	-42.06	-1269.52	-697.35	4.235e+05
		2.054e+04	-4570.76	9.44e-05	0.0	92.1	2.885e+04	-6798.78	-42.06	-1269.52	-4570.76	2.054e+04
215	325	5.094e+05	-1568.81	0.09	-552.50	0.0	2.364e+04	-5670.09	-22.76	-7092.66	-1568.81	5.094e+05
		1.046e+05	-3917.30	8.07e-04	0.0	92.1	2.364e+04	-6222.59	-22.76	-7092.66	-3917.30	1.046e+05
215	326	5.225e+05	-2455.73	0.08	-552.50	0.0	2.442e+04	-5737.89	0.19	4075.64	-2741.14	5.225e+05
		1.125e+05	-2741.14	-1.57e-03	0.0	92.1	2.442e+04	-6290.39	0.19	4075.64	-2455.73	1.125e+05
215	327	3.245e+05	1346.45	0.06	-552.50	0.0	3.328e+04	-6754.67	-84.32	-6614.69	1346.45	3.245e+05
		-7.142e+04	-6685.78	1.71e-03	0.0	92.1	3.328e+04	-7307.17	-84.32	-6614.69	-6685.78	-7.142e+04
215	328	3.376e+05	174.11	0.06	-552.50	0.0	3.406e+04	-6822.46	-61.37	4553.62	174.11	3.376e+05
		-6.349e+04	-5224.21	-6.73e-04	0.0	92.1	3.406e+04	-7374.96	-61.37	4553.62	-5224.21	-6.349e+04
215	343	3.739e+05	1693.83	0.07	-552.50	0.0	2.900e+04	-6295.98	-89.56	-1.981e+04	1693.83	3.739e+05
		-1.907e+04	-7421.98	4.17e-03	0.0	92.1	2.900e+04	-6848.48	-89.56	-1.981e+04	-7421.98	-1.907e+04
215	347	3.740e+05	1736.12	0.07	-552.50	0.0	2.899e+04	-6295.60	-89.60	-2.003e+04	1736.12	3.740e+05
		-1.884e+04	-7387.53	4.21e-03	0.0	92.1	2.899e+04	-6848.10	-89.60	-2.003e+04	-7387.53	-1.884e+04
215	360	3.772e+05	-328.19	0.07	-552.50	0.0	3.123e+04	-6521.74	-53.90	-562.40	-328.19	3.772e+05
		-2.284e+04	-5390.70	-4.43e-05	0.0	92.1	3.123e+04	-7074.24	-53.90	-562.40	-5390.70	-2.284e+04
215	362	4.721e+05	-1563.87	0.08	-552.50	0.0	2.637e+04	-5966.21	-24.50	-992.16	-1563.87	4.721e+05
		6.595e+04	-3991.97	-3.22e-04	0.0	92.1	2.637e+04	-6518.71	-24.50	-992.16	-3991.97	6.595e+04
215	363	3.749e+05	169.17	0.07	-552.50	0.0	3.133e+04	-6526.35	-59.62	-1546.89	169.17	3.749e+05
		-2.487e+04	-5149.54	4.57e-04	0.0	92.1	3.133e+04	-7078.85	-59.62	-1546.89	-5149.54	-2.487e+04
215	379	4.064e+05	749.82	0.07	-552.50	0.0	2.973e+04	-6332.59	-58.70	-3302.71	749.82	4.064e+05
		4328.67	-4339.39	1.27e-03	0.0	92.1	2.973e+04	-6885.09	-58.70	-3302.71	-4339.39	4328.67
216	74	4.512e+05	1.621e+04	0.08	-552.50	0.0	4.101e+04	-8439.74	125.63	4.122e+04	4643.36	4.512e+05
		-9.418e+04	4643.36	-6.60e-04	0.0	92.1	4.101e+04	-8992.24	125.63	4.122e+04	1.621e+04	-9.418e+04
216	89	1.407e+06	2.402e+04	0.27	-745.88	0.0	7.752e+04	-1.921e+04	173.26	9.153e+04	8067.56	1.407e+06
		2.278e+05	8067.56	-2.70e-03	0.0	92.1	7.752e+04	-1.995e+04	173.26	9.153e+04	2.402e+04	2.278e+05
216	97	2.087e+06	2.388e+04	0.30	-745.88	0.0	1.008e+05	-2.670e+04	198.81	9.985e+04	5574.08	2.087e+06
		4.730e+05	5574.08	-3.63e-03	0.0	92.1	1.008e+05	-2.745e+04	198.81	9.985e+04	2.388e+04	4.730e+05
216	98	1.914e+06	1.963e+04	0.28	-552.50	0.0	8.925e+04	-2.416e+04	187.67	1.095e+05	2350.50	1.914e+06
		4.628e+05	2350.50	-3.49e-03	0.0	92.1	8.925e+04	-2.471e+04	187.67	1.095e+05	1.963e+04	4.628e+05
216	206	4.257e+05	8731.69	0.07	-552.50	0.0	2.867e+04	-6304.68	45.00	-1.159e+04	4588.27	4.257e+05
		1.993e+04	4588.27	-3.43e-04	0.0	92.1	2.867e+04	-6857.18	45.00	-1.159e+04	8731.69	1.993e+04
216	243	3.569e+05	1.124e+04	0.06	-552.50	0.0	3.180e+04	-6491.71	60.19	-1.570e+04	5700.67	3.569e+05
		-6.841e+04	5700.67	-3.16e-04	0.0	92.1	3.180e+04	-7044.21	60.19	-1.570e+04	1.124e+04	-6.841e+04
216	255	1.440e+06	1.378e+04	0.21	-552.50	0.0	6.754e+04	-1.813e+04	106.15	3.487e+04	4002.26	1.440e+06
		3.442e+05	4002.26	-2.35e-03	0.0	92.1	6.754e+04	-1.869e+04	106.15	3.487e+04	1.378e+04	3.442e+05
216	268	4.355e+05	9526.82	0.07	-552.50	0.0	2.979e+04	-6515.07	45.72	-1.404e+04	5316.67	4.355e+05
		1.870e+04	5316.67	-6.15e-04	0.0	92.1	2.979e+04	-7067.57	45.72	-1.404e+04	9526.82	1.870e+04
216	289	4.767e+05	1.565e+04	0.08	-552.50	0.0	3.850e+04	-8133.72	141.22	2.169e+04	6890.13	4.767e+05
		-4.396e+04	6890.13	-5.77e-04	-92.27	92.1	3.850e+04	-8686.22	48.96	2.169e+04	1.565e+04	-4.396e+04
216	309	4.418e+05	9527.11	0.07	-552.50	0.0	2.971e+04	-6531.06	41.92	-1.532e+04	5666.72	4.418e+05
		2.205e+04	5666.72	-3.72e-04	0.0	92.1	2.971e+04	-7083.56	41.92	-1.532e+04	9527.11	2.205e+04
216	319	3.821e+05	1.085e+04	0.07	-552.50	0.0	3.115e+04	-6496.64	53.25	-1.597e+04	5944.83	3.821e+05
		-4.251e+04	5944.83	-2.31e-04	0.0	92.1	3.115e+04	-7049.14	53.25	-1.597e+04	1.085e+04	-4.251e+04
216	321	8.167e+05	1.283e+04	0.16	-552.50	0.0	4.499e+04	-1.106e+04	73.52	1.733e+04	6056.28	8.167e+05
		1.307e+05	6056.28	-1.18e-03	0.0	92.1	4.499e+04	-1.162e+04	73.52	1.733e+04	1.283e+04	1.307e+05
216	322	1.195e+06	1.275e+04	0.17	-552.50	0.0	5.795e+04	-1.523e+04	87.71	2.196e+04	4671.02	1.195e+06
		2.669e+05	4671.02	-1.70e-03	0.0	92.1	5.795e+04	-1.578e+04	87.71	2.196e+04	1.275e+04	2.669e+05
216	324	4.418e+05	9527.11	0.07	-552.50	0.0	2.971e+04	-6531.06	41.92	-1.532e+04	5666.72	4.418e+05

		2.205e+04	5666.72	-3.72e-04	0.0	92.1	2.971e+04	-7083.56	41.92	-1.532e+04	9527.11	2.205e+04
216	325	5.189e+05	6419.69	0.09	-552.50	0.0	2.404e+04	-6939.85	4.17	-2.374e+04	6419.69	5.189e+05
		1.046e+05	6269.32	8.14e-04	0.0	92.1	2.404e+04	-7492.35	4.17	-2.374e+04	6269.32	1.046e+05
216	326	5.588e+05	5753.22	0.08	-552.50	0.0	2.577e+04	-7298.59	-8.56	-1.263e+04	5753.22	5.588e+05
		1.195e+05	4611.78	-1.48e-03	0.0	92.1	2.577e+04	-7851.09	-8.56	-1.263e+04	4611.78	1.195e+05
216	327	3.248e+05	1.444e+04	0.07	-552.50	0.0	3.366e+04	-5763.52	92.41	-1.800e+04	5580.22	3.248e+05
		-7.538e+04	5580.22	7.94e-04	0.0	92.1	3.366e+04	-6316.02	92.41	-1.800e+04	1.444e+04	-7.538e+04
216	328	3.648e+05	1.278e+04	0.05	-552.50	0.0	3.539e+04	-6122.27	79.68	-6890.78	4913.75	3.648e+05
		-6.053e+04	4913.75	-1.50e-03	0.0	92.1	3.539e+04	-6674.77	79.68	-6890.78	1.278e+04	-6.053e+04
216	335	3.253e+05	1.445e+04	0.07	-552.50	0.0	3.358e+04	-5767.01	91.77	-1.810e+04	5620.22	3.253e+05
		-7.399e+04	5620.22	8.33e-04	0.0	92.1	3.358e+04	-6319.51	91.77	-1.810e+04	1.445e+04	-7.399e+04
216	344	4.793e+05	7990.51	0.05	-552.50	0.0	3.404e+04	-6952.51	33.94	4061.46	4430.02	4.793e+05
		1.979e+04	4430.02	-4.16e-03	0.0	92.1	3.404e+04	-7505.01	33.94	4061.46	7990.51	1.979e+04
216	358	4.951e+05	7295.48	0.08	-552.50	0.0	2.712e+04	-6860.41	18.32	-1.637e+04	5692.72	4.951e+05
		6.973e+04	5692.72	-6.59e-04	0.0	92.1	2.712e+04	-7412.91	18.32	-1.637e+04	7295.48	6.973e+04
216	359	3.885e+05	1.176e+04	0.07	-552.50	0.0	3.231e+04	-6201.70	65.52	-1.426e+04	5640.72	3.885e+05
		-2.563e+04	5640.72	-1.82e-04	0.0	92.1	3.231e+04	-6754.20	65.52	-1.426e+04	1.176e+04	-2.563e+04
216	362	4.967e+05	7256.41	0.08	-552.50	0.0	2.712e+04	-6859.16	18.26	-1.635e+04	5773.64	4.967e+05
		7.012e+04	5773.64	-4.95e-04	0.0	92.1	2.712e+04	-7411.66	18.26	-1.635e+04	7256.41	7.012e+04
216	363	3.869e+05	1.180e+04	0.07	-552.50	0.0	3.230e+04	-6202.95	65.59	-1.428e+04	5559.80	3.869e+05
		-2.602e+04	5559.80	-2.80e-04	0.0	92.1	3.230e+04	-6755.45	65.59	-1.428e+04	1.180e+04	-2.602e+04
216	371	3.872e+05	1.180e+04	0.07	-552.50	0.0	3.227e+04	-6204.66	65.27	-1.433e+04	5578.93	3.872e+05
		-2.533e+04	5578.93	-2.68e-04	0.0	92.1	3.227e+04	-6757.16	65.27	-1.433e+04	1.180e+04	-2.533e+04
216	376	4.394e+05	9521.89	0.07	-552.50	0.0	2.985e+04	-6538.09	43.52	-1.346e+04	4977.76	4.394e+05
		1.645e+04	4977.76	-1.42e-03	0.0	92.1	2.985e+04	-7090.59	43.52	-1.346e+04	9521.89	1.645e+04
217	127	4.919e+06	2.451e+04	0.16	-826.87	0.0	2.471e+05	-4442.83	454.46	1.034e+05	-2.971e+04	4.919e+06
		4.617e+06	2.971e+04	1.71e-04	153.43	102.1	2.471e+05	-5269.71	607.89	1.034e+05	2.451e+04	4.617e+06
217	143	1.190e+06	3.606e+04	0.05	-826.87	0.0	7.032e+04	-2807.89	301.10	3.638e+04	-7728.68	1.190e+06
		9.781e+05	-7728.68	-4.49e-04	255.72	102.1	7.032e+04	-3634.76	556.81	3.638e+04	3.606e+04	9.781e+05
217	184	8.272e+05	1.604e+04	0.03	-612.50	0.0	5.013e+04	-1928.89	197.05	1.869e+04	-4079.99	8.272e+05
		6.816e+05	-4079.99	-1.97e-04	0.0	102.1	5.013e+04	-2541.39	197.05	1.869e+04	1.604e+04	6.816e+05
217	206	8.608e+05	1.574e+04	0.04	-612.50	0.0	4.960e+04	-1934.78	187.43	1.880e+04	-3388.78	8.608e+05
		7.160e+05	-3388.78	1.36e-04	0.0	102.1	4.960e+04	-2547.28	187.43	1.880e+04	1.574e+04	7.160e+05
217	255	7.926e+05	2.178e+04	0.03	-612.50	0.0	5.399e+04	-2072.70	257.57	2.089e+04	-4510.34	7.926e+05
		6.391e+05	-4510.34	-1.73e-04	0.0	102.1	5.399e+04	-2685.20	257.57	2.089e+04	2.178e+04	6.391e+05
217	270	3.641e+06	1.729e+04	0.12	-612.50	0.0	1.828e+05	-3277.07	331.76	7.593e+04	-2.180e+04	3.641e+06
		3.419e+06	2.180e+04	1.38e-04	102.29	102.1	1.828e+05	-3889.57	434.05	7.593e+04	1.729e+04	3.419e+06
217	283	8.378e+05	2.612e+04	0.03	-612.50	0.0	5.288e+04	-2065.82	224.52	2.592e+04	-5505.64	8.378e+05
		6.823e+05	-5505.64	-3.25e-04	170.48	102.1	5.288e+04	-2678.32	394.99	2.592e+04	2.612e+04	6.823e+05
217	287	8.753e+05	2.113e+04	0.04	-612.50	0.0	5.132e+04	-2053.97	252.62	2.245e+04	-4658.89	8.753e+05
		7.211e+05	-4658.89	-2.20e-04	0.0	102.1	5.132e+04	-2666.47	252.62	2.245e+04	2.113e+04	7.211e+05
217	310	8.917e+05	2.053e+04	0.04	-612.50	0.0	5.117e+04	-2052.48	248.00	2.275e+04	-4784.41	8.917e+05
		7.374e+05	-4784.41	-2.37e-04	0.0	102.1	5.117e+04	-2664.98	248.00	2.275e+04	2.053e+04	7.374e+05
217	311	2.772e+06	1.861e+04	0.09	-612.50	0.0	1.390e+05	-2514.87	333.80	5.506e+04	-1.547e+04	2.772e+06
		2.596e+06	1.547e+04	2.00e-04	0.0	102.1	1.390e+05	-3127.37	333.80	5.506e+04	1.861e+04	2.596e+06
217	322	8.250e+05	2.169e+04	0.03	-612.50	0.0	5.315e+04	-2072.49	252.15	2.122e+04	-4047.12	8.250e+05
		6.718e+05	-4047.12	2.02e-04	0.0	102.1	5.315e+04	-2684.99	252.15	2.122e+04	2.169e+04	6.718e+05
217	324	8.899e+05	2.087e+04	0.04	-612.50	0.0	5.127e+04	-2057.41	246.12	2.257e+04	-4256.50	8.899e+05
		7.361e+05	-4256.50	-1.55e-04	0.0	102.1	5.127e+04	-2669.91	246.12	2.257e+04	2.087e+04	7.361e+05
217	334	1.201e+06	1.502e+04	0.05	-612.50	0.0	3.481e+04	-1445.45	177.44	3.153e+04	-2705.01	1.201e+06
		9.978e+05	-2705.01	-3.35e-04	0.0	102.1	3.481e+04	-2057.95	177.44	3.153e+04	1.502e+04	9.978e+05
217	335	5.787e+05	2.672e+04	0.02	-612.50	0.0	6.772e+04	-2669.36	314.80	1.361e+04	-5808.00	5.787e+05
		4.745e+05	-5808.00	4.55e-04	0.0	102.1	6.772e+04	-3281.86	314.80	1.361e+04	2.672e+04	4.745e+05
217	344	8.327e+05	2.153e+04	0.03	-612.50	0.0	5.177e+04	-2103.10	298.75	2.523e+04	-7711.09	8.327e+05
		6.882e+05	-7711.09	-1.23e-03	0.0	102.1	5.177e+04	-2715.60	298.75	2.523e+04	2.153e+04	6.882e+05
217	366	1.046e+06	1.789e+04	0.04	-612.50	0.0	4.329e+04	-1737.70	209.99	2.689e+04	-3416.14	1.046e+06
		8.686e+05	-3416.14	-2.22e-04	0.0	102.1	4.329e+04	-2350.20	209.99	2.689e+04	1.789e+04	8.686e+05
217	367	7.334e+05	2.385e+04	0.03	-612.50	0.0	5.924e+04	-2377.11	282.26	1.824e+04	-5096.86	7.334e+05
		6.037e+05	-5096.86	2.55e-04	0.0	102.1	5.924e+04	-2989.61	282.26	1.824e+04	2.385e+04	6.037e+05
217	376	8.485e+05	2.118e+04	0.03	-612.50	0.0	5.282e+04	-2051.83	268.86	2.310e+04	-5851.92	8.485e+05
		7.041e+05	-5851.92	-5.60e-04	0.0	102.1	5.282e+04	-2664.33	268.86	2.310e+04	2.118e+04	7.041e+05
218	127	4.545e+06	8530.27	0.15	-826.87	0.0	2.256e+05	-4692.45	-853.17	-9963.83	8530.27	4.545e+06
		4.206e+06	-7.856e+04	8.25e-04	0.0	102.1	2.256e+05	-5519.33	-853.17	-9963.83	-7.856e+04	4.206e+06
218	165	4.542e+06	8787.18	0.15	-826.87	0.0	2.255e+05	-4698.27	-847.17	-1.034e+04	8787.18	4.542e+06
		4.203e+06	-7.770e+04	8.62e-04	0.0	102.1	2.255e+05	-5525.15	-847.17	-1.034e+04	-7.770e+04	4.203e+06
218	184	8.153e+05	352.87	0.03	-612.50	0.0	4.960e+04	-1661.23	-43.39	-4922.02	352.87	8.153e+05
		6.883e+05	-4076.47	-1.15e-04	0.0	102.1	4.960e+04	-2273.73	-43.39	-4922.02	-4076.47	6.883e+05
218	206	8.480e+05	1074.49	0.03	-612.50	0.0	4.877e+04	-1662.24	-52.67	-4865.25	1074.49	8.480e+05
		7.212e+05	-4302.01	9.99e-05	0.0	102.1	4.877e+04	-2274.74	-52.67	-4865.25	-4302.01	7.212e+05
218	255	7.774e+05	659.58	0.03	-612.50	0.0	5.288e+04	-1680.61	-51.82	-5865.89	659.58	7.774e+05
		6.511e+05	-4630.71	1.13e-04	0.0	102.1	5.288e+04	-2293.11	-51.82	-5865.89	-4630.71	6.511e+05
218	270	3.365e+06	6412.99	0.11	-612.50	0.0	1.669e+05	-3474.28	-633.04	-7453.92	6412.99	3.365e+06
		3.114e+06	-5.821e+04	6.24e-04	0.0	102.1	1.669e+05	-4086.78	-633.04	-7453.92	-5.821e+04	3.114e+06
218	287	8.571e+05	470.29	0.04	-612.50	0.0	5.031e+04	-1680.37	-38.45	-4563.88	470.29	8.571e+05
		7.301e+05	-3454.48	-4.69e-05	0.0	102.1	5.031e+04	-2292.87	-38.45	-4563.88	-3454.48	7.301e+05
218	289	3.364e+06	6584.27	0.11	-612.50	0.0	1.668e+05	-3478.16	-629.04	-7706.90	6584.27	3.364e+06
		3.112e+06	-5.763e+04	6.49e-04	0.0	102.1	1.668e+05	-4090.66	-629.04	-7706.90	-5.763e+04	3.112e+06

218	309	8.705e+05	900.51	0.04	-612.50	0.0	5.006e+04	-1680.93	-45.35	-4441.24	900.51	8.705e+05
		7.436e+05	-3729.17	8.10e-05	0.0	102.1	5.006e+04	-2293.43	-45.35	-4441.24	-3729.17	7.436e+05
218	311	2.595e+06	6454.48	0.08	-612.50	0.0	1.287e+05	-2559.86	-484.92	-1.062e+04	6454.48	2.595e+06
		2.408e+06	-4.305e+04	5.62e-04	0.0	102.1	1.287e+05	-3172.36	-484.92	-1.062e+04	-4.305e+04	2.408e+06
218	322	8.093e+05	1133.40	0.03	-612.50	0.0	5.191e+04	-1680.69	-53.74	-5604.84	1133.40	8.093e+05
		6.830e+05	-4352.15	2.05e-04	0.0	102.1	5.191e+04	-2293.19	-53.74	-5604.84	-4352.15	6.830e+05
218	324	8.705e+05	900.51	0.04	-612.50	0.0	5.006e+04	-1680.93	-45.35	-4441.24	900.51	8.705e+05
		7.436e+05	-3729.17	8.10e-05	0.0	102.1	5.006e+04	-2293.43	-45.35	-4441.24	-3729.17	7.436e+05
218	333	1.156e+06	1148.22	0.05	-612.50	0.0	3.470e+04	-2062.04	-29.35	-3462.28	1148.22	1.156e+06
		9.957e+05	-339.18	4.77e-04	0.0	102.1	3.470e+04	-2674.54	-29.35	-3462.28	-339.18	9.957e+05
218	334	1.163e+06	-704.92	0.05	-612.50	0.0	3.552e+04	-2088.80	2.87	-758.56	-704.92	1.163e+06
		1.003e+06	-1914.81	-3.15e-04	0.0	102.1	3.552e+04	-2701.30	2.87	-758.56	-1914.81	1.003e+06
218	335	5.783e+05	2505.94	0.02	-612.50	0.0	6.460e+04	-1273.07	-93.57	-8123.92	2505.94	5.783e+05
		4.844e+05	-5543.52	4.45e-04	0.0	102.1	6.460e+04	-1885.57	-93.57	-8123.92	-5543.52	4.844e+05
218	336	5.849e+05	652.79	0.02	-612.50	0.0	6.543e+04	-1299.82	-61.35	-5420.20	652.79	5.849e+05
		4.915e+05	-7119.15	-3.47e-04	0.0	102.1	6.543e+04	-1912.32	-61.35	-5420.20	-7119.15	4.915e+05
218	347	7.727e+05	4192.74	0.03	-612.50	0.0	5.318e+04	-1517.99	-108.69	-9646.69	4192.74	7.727e+05
		6.551e+05	-1883.77	1.38e-03	0.0	102.1	5.318e+04	-2130.49	-108.69	-9646.69	-1883.77	6.551e+05
218	348	7.950e+05	-1984.41	0.03	-612.50	0.0	5.591e+04	-1607.18	-1.28	-634.28	-1984.41	7.950e+05
		6.788e+05	-7135.86	-1.26e-03	0.0	102.1	5.591e+04	-2219.68	-1.28	-634.28	-7135.86	6.788e+05
218	365	1.019e+06	939.39	0.04	-612.50	0.0	4.240e+04	-1877.97	-33.73	-3586.21	939.39	1.019e+06
		8.749e+05	-2235.99	2.50e-04	0.0	102.1	4.240e+04	-2490.47	-33.73	-3586.21	-2235.99	8.749e+05
218	366	1.020e+06	169.86	0.04	-612.50	0.0	4.252e+04	-1884.83	-24.21	-2927.08	169.86	1.020e+06
		8.755e+05	-2566.03	-1.04e-04	0.0	102.1	4.252e+04	-2497.33	-24.21	-2927.08	-2566.03	8.755e+05
218	368	7.224e+05	861.62	0.03	-612.50	0.0	5.772e+04	-1483.89	-56.97	-5296.26	861.62	7.224e+05
		6.124e+05	-5222.34	-1.20e-04	0.0	102.1	5.772e+04	-2096.39	-56.97	-5296.26	-5222.34	6.124e+05
218	371	7.215e+05	1531.53	0.03	-612.50	0.0	5.762e+04	-1475.91	-66.46	-6010.02	1531.53	7.215e+05
		6.118e+05	-5272.09	2.16e-04	0.0	102.1	5.762e+04	-2088.41	-66.46	-6010.02	-5272.09	6.118e+05
218	379	8.241e+05	2286.82	0.03	-612.50	0.0	5.214e+04	-1609.35	-66.14	-5895.17	2286.82	8.241e+05
		7.032e+05	-3577.54	6.52e-04	0.0	102.1	5.214e+04	-2221.85	-66.14	-5895.17	-3577.54	7.032e+05
219	127	4.103e+06	7.210e+04	0.13	-826.87	0.0	2.036e+05	-3243.33	1078.89	8.505e+04	-3.804e+04	4.103e+06
		3.880e+06	-3.804e+04	-1.86e-03	0.0	102.1	2.036e+05	-4070.20	1078.89	8.505e+04	7.210e+04	3.880e+06
219	146	8.137e+05	3805.18	0.03	-612.50	0.0	4.960e+04	-1659.90	57.01	5365.96	-2014.76	8.137e+05
		6.874e+05	-2014.76	-3.58e-04	0.0	102.1	4.960e+04	-2272.40	57.01	5365.96	3805.18	6.874e+05
219	165	4.106e+06	7.297e+04	0.13	-826.87	0.0	2.037e+05	-3237.50	1084.89	8.467e+04	-3.778e+04	4.106e+06
		3.882e+06	-3.778e+04	-1.79e-03	0.0	102.1	2.037e+05	-4064.38	1084.89	8.467e+04	7.297e+04	3.882e+06
219	206	8.480e+05	4302.02	0.03	-612.50	0.0	4.877e+04	-1662.24	52.67	4865.25	-1074.49	8.480e+05
		7.212e+05	-1074.49	-9.99e-05	0.0	102.1	4.877e+04	-2274.74	52.67	4865.25	4302.02	7.212e+05
219	255	7.788e+05	2537.59	0.03	-612.50	0.0	5.258e+04	-1676.32	36.09	3328.48	-1146.96	7.788e+05
		6.520e+05	-1146.96	-2.94e-05	0.0	102.1	5.258e+04	-2288.82	36.09	3328.48	2537.59	6.520e+05
219	268	8.560e+05	3274.54	0.04	-612.50	0.0	5.031e+04	-1679.49	47.49	4858.77	-1573.37	8.560e+05
		7.295e+05	-1573.37	-2.67e-04	0.0	102.1	5.031e+04	-2291.99	47.49	4858.77	3274.54	7.295e+05
219	270	3.039e+06	5.351e+04	0.10	-612.50	0.0	1.506e+05	-2400.53	799.63	6.301e+04	-2.812e+04	3.039e+06
		2.873e+06	-2.812e+04	-1.36e-03	0.0	102.1	1.506e+05	-3013.03	799.63	6.301e+04	5.351e+04	2.873e+06
219	289	3.040e+06	5.408e+04	0.10	-612.50	0.0	1.507e+05	-2396.65	803.63	6.276e+04	-2.795e+04	3.040e+06
		2.875e+06	-2.795e+04	-1.32e-03	0.0	102.1	1.507e+05	-3009.15	803.63	6.276e+04	5.408e+04	2.875e+06
219	310	8.700e+05	3639.19	0.04	-612.50	0.0	5.006e+04	-1680.49	49.87	4588.69	-1452.05	8.700e+05
		7.433e+05	-1452.05	-2.22e-04	0.0	102.1	5.006e+04	-2292.99	49.87	4588.69	3639.19	7.433e+05
219	311	2.394e+06	3.878e+04	0.08	-612.50	0.0	1.187e+05	-1989.78	567.60	4.125e+04	-1.916e+04	2.394e+06
		2.253e+06	-1.916e+04	-8.38e-04	0.0	102.1	1.187e+05	-2602.28	567.60	4.125e+04	3.878e+04	2.253e+06
219	322	8.112e+05	2917.27	0.03	-612.50	0.0	5.169e+04	-1678.14	35.16	3480.63	-671.63	8.112e+05
		6.842e+05	-671.63	8.91e-05	0.0	102.1	5.169e+04	-2290.64	35.16	3480.63	2917.27	6.842e+05
219	324	8.705e+05	3729.17	0.04	-612.50	0.0	5.006e+04	-1680.93	45.35	4441.25	-900.51	8.705e+05
		7.436e+05	-900.51	-8.10e-05	0.0	102.1	5.006e+04	-2293.43	45.35	4441.25	3729.17	7.436e+05
219	325	1.162e+06	1780.84	0.05	-612.50	0.0	3.545e+04	-2090.02	-0.64	872.73	625.00	1.162e+06
		1.003e+06	625.00	3.13e-04	0.0	102.1	3.545e+04	-2702.52	-0.64	872.73	1780.84	1.003e+06
219	326	1.156e+06	473.15	0.05	-612.50	0.0	3.476e+04	-2060.82	27.12	3348.12	-1068.30	1.156e+06
		9.960e+05	-1068.30	-4.74e-04	0.0	102.1	3.476e+04	-2673.32	27.12	3348.12	473.15	9.960e+05
219	327	5.847e+05	6985.18	0.02	-612.50	0.0	6.536e+04	-1301.04	63.58	5534.38	-732.72	5.847e+05
		4.912e+05	-732.72	3.44e-04	0.0	102.1	6.536e+04	-1913.54	63.58	5534.38	6985.18	4.912e+05
219	328	5.785e+05	5677.50	0.02	-612.50	0.0	6.467e+04	-1271.84	91.34	8009.76	-2426.01	5.785e+05
		4.847e+05	-2426.01	-4.42e-04	0.0	102.1	6.467e+04	-1884.34	91.34	8009.76	5677.50	4.847e+05
219	344	7.735e+05	2330.34	0.03	-612.50	0.0	5.340e+04	-1513.92	101.25	9266.13	-3926.32	7.735e+05
		6.560e+05	-3926.32	-1.37e-03	0.0	102.1	5.340e+04	-2126.42	101.25	9266.13	2330.34	6.560e+05
219	357	1.020e+06	2566.04	0.04	-612.50	0.0	4.252e+04	-1884.83	24.21	2927.08	-169.86	1.020e+06
		8.755e+05	-169.86	1.04e-04	0.0	102.1	4.252e+04	-2497.33	24.21	2927.08	2566.04	8.755e+05
219	358	1.019e+06	2235.99	0.04	-612.50	0.0	4.240e+04	-1877.97	33.73	3586.22	-939.39	1.019e+06
		8.749e+05	-939.39	-2.50e-04	0.0	102.1	4.240e+04	-2490.47	33.73	3586.22	2235.99	8.749e+05
219	359	7.224e+05	5222.35	0.03	-612.50	0.0	5.772e+04	-1483.89	56.97	5296.27	-861.62	7.224e+05
		6.124e+05	-861.62	1.20e-04	0.0	102.1	5.772e+04	-2096.39	56.97	5296.27	5222.35	6.124e+05
219	364	7.215e+05	5272.09	0.03	-612.50	0.0	5.762e+04	-1475.91	66.46	6010.03	-1531.53	7.215e+05
		6.118e+05	-1531.53	-2.16e-04	0.0	102.1	5.762e+04	-2088.41	66.46	6010.03	5272.09	6.118e+05
219	376	8.241e+05	3577.54	0.03	-612.50	0.0	5.214e+04	-1609.35	66.14	5895.18	-2286.82	8.241e+05
		7.032e+05	-2286.82	-6.52e-04	0.0	102.1	5.214e+04	-2221.85	66.14	5895.18	3577.54	7.032e+05
220	146	8.220e+05	2489.31	0.03	-612.50	0.0	5.044e+04	-1943.74	-191.38	-1.816e+04	2489.31	8.220e+05
		6.778e+05	-1.705e+04	-3.95e-04	0.0	102.1	5.044e+04	-2556.24	-191.38	-1.816e+04	-1.705e+04	6.778e+05
220	165	3.761e+06	2796.64	0.12	-826.87	0.0	1.849e+05	-3805.03	-836.16	-3.947e+04	2796.64	3.761e+06

		3.502e+06	-9.039e+04	-1.18e-03	-153.43	102.1	1.849e+05	-4631.90	-989.59	-3.947e+04	-9.039e+04	3.502e+06
220	181	1.184e+06	6138.00	0.05	-826.87	0.0	7.063e+04	-2822.74	-295.43	-3.585e+04	6138.00	1.184e+06
		9.743e+05	-3.707e+04	-2.24e-04	-255.72	102.1	7.063e+04	-3649.61	-551.15	-3.585e+04	-3.707e+04	9.743e+05
220	206	8.608e+05	3388.78	0.04	-612.50	0.0	4.960e+04	-1934.78	-187.43	-1.880e+04	3388.78	8.608e+05
		7.160e+05	-1.574e+04	-1.36e-04	0.0	102.1	4.960e+04	-2547.28	-187.43	-1.880e+04	-1.574e+04	7.160e+05
220	255	7.971e+05	4074.17	0.03	-612.50	0.0	5.333e+04	-2041.83	-257.98	-2.326e+04	4074.17	7.971e+05
		6.429e+05	-2.226e+04	2.19e-04	0.0	102.1	5.333e+04	-2654.33	-257.98	-2.326e+04	-2.226e+04	6.429e+05
220	268	8.719e+05	3603.07	0.04	-612.50	0.0	5.153e+04	-2063.83	-248.85	-2.210e+04	3603.07	8.719e+05
		7.185e+05	-2.180e+04	-2.92e-04	0.0	102.1	5.153e+04	-2676.33	-248.85	-2.210e+04	-2.180e+04	7.185e+05
220	289	2.784e+06	1989.35	0.09	-612.50	0.0	1.367e+05	-2803.48	-614.94	-2.862e+04	1989.35	2.784e+06
		2.593e+06	-6.601e+04	-8.67e-04	-102.29	102.1	1.367e+05	-3415.98	-717.23	-2.862e+04	-6.601e+04	2.593e+06
220	302	8.344e+05	4450.55	0.03	-612.50	0.0	5.308e+04	-2075.65	-220.75	-2.556e+04	4450.55	8.344e+05
		6.798e+05	-2.679e+04	1.49e-04	-170.48	102.1	5.308e+04	-2688.15	-391.23	-2.556e+04	-2.679e+04	6.798e+05
220	309	8.899e+05	4256.50	0.04	-612.50	0.0	5.127e+04	-2057.41	-246.12	-2.257e+04	4256.50	8.899e+05
		7.361e+05	-2.087e+04	1.55e-04	0.0	102.1	5.127e+04	-2669.91	-246.12	-2.257e+04	-2.087e+04	7.361e+05
220	311	2.243e+06	3528.36	0.08	-612.50	0.0	1.106e+05	-2419.13	-511.10	-2.862e+04	3528.36	2.243e+06
		2.073e+06	-4.865e+04	-5.26e-04	0.0	102.1	1.106e+05	-3031.63	-511.10	-2.862e+04	-4.865e+04	2.073e+06
220	322	8.310e+05	4511.86	0.03	-612.50	0.0	5.250e+04	-2041.95	-255.28	-2.327e+04	4511.86	8.310e+05
		6.765e+05	-2.155e+04	2.63e-04	0.0	102.1	5.250e+04	-2654.45	-255.28	-2.327e+04	-2.155e+04	6.765e+05
220	324	8.899e+05	4256.50	0.04	-612.50	0.0	5.127e+04	-2057.41	-246.12	-2.257e+04	4256.50	8.899e+05
		7.361e+05	-2.087e+04	1.55e-04	0.0	102.1	5.127e+04	-2669.91	-246.12	-2.257e+04	-2.087e+04	7.361e+05
220	325	1.201e+06	2598.01	0.05	-612.50	0.0	3.487e+04	-1443.72	-175.38	-3.144e+04	2598.01	1.201e+06
		9.976e+05	-1.496e+04	3.32e-04	0.0	102.1	3.487e+04	-2056.22	-175.38	-3.144e+04	-1.496e+04	9.976e+05
220	328	5.787e+05	5914.99	0.02	-612.50	0.0	6.767e+04	-2671.09	-316.87	-1.370e+04	5914.99	5.787e+05
		4.747e+05	-2.678e+04	-4.51e-04	0.0	102.1	6.767e+04	-3283.59	-316.87	-1.370e+04	-2.678e+04	4.747e+05
220	335	5.993e+05	7365.12	0.02	-612.50	0.0	6.521e+04	-2583.12	-330.43	-1.659e+04	7365.12	5.993e+05
		4.918e+05	-2.604e+04	4.77e-04	0.0	102.1	6.521e+04	-3195.62	-330.43	-1.659e+04	-2.604e+04	4.918e+05
220	357	1.046e+06	3416.14	0.04	-612.50	0.0	4.329e+04	-1737.70	-209.99	-2.689e+04	3416.14	1.046e+06
		8.686e+05	-1.789e+04	2.22e-04	0.0	102.1	4.329e+04	-2350.20	-209.99	-2.689e+04	-1.789e+04	8.686e+05
220	360	7.334e+05	5096.86	0.03	-612.50	0.0	5.924e+04	-2377.11	-282.26	-1.824e+04	5096.86	7.334e+05
		6.037e+05	-2.385e+04	-2.55e-04	0.0	102.1	5.924e+04	-2989.61	-282.26	-1.824e+04	-2.385e+04	6.037e+05
220	379	8.485e+05	5851.91	0.03	-612.50	0.0	5.282e+04	-2051.83	-268.86	-2.310e+04	5851.91	8.485e+05
		7.041e+05	-2.118e+04	5.60e-04	0.0	102.1	5.282e+04	-2664.33	-268.86	-2.310e+04	-2.118e+04	7.041e+05
221	117	3.495e+06	6.736e+04	0.23	-745.88	0.0	1.723e+05	-1.907e+04	-803.38	6.602e+04	6.736e+04	3.495e+06
		2.362e+06	-6620.16	5.50e-04	0.0	92.1	1.723e+05	-1.982e+04	-803.38	6.602e+04	-6620.16	2.362e+06
221	149	4.293e+06	6.377e+04	0.29	-745.88	0.0	2.085e+05	-2.383e+04	-852.63	1.098e+05	6.377e+04	4.293e+06
		2.880e+06	-8373.32	-4.19e-04	138.40	92.1	2.085e+05	-2.458e+04	-714.23	1.098e+05	-8373.32	2.880e+06
221	164	7.922e+05	2.739e+04	0.05	-552.50	0.0	4.379e+04	-3463.51	-325.36	-5389.85	2.739e+04	7.922e+05
		5.746e+05	-2568.46	2.85e-04	0.0	92.1	4.379e+04	-4016.01	-325.36	-5389.85	-2568.46	5.746e+05
221	206	7.683e+05	2.819e+04	0.05	-552.50	0.0	4.471e+04	-3487.75	-327.86	-5634.14	2.819e+04	7.683e+05
		5.500e+05	-2004.29	3.43e-04	0.0	92.1	4.471e+04	-4040.25	-327.86	-5634.14	-2004.29	5.500e+05
221	231	7.038e+05	3.563e+04	0.05	-552.50	0.0	4.871e+04	-3547.00	-413.15	-8767.98	3.563e+04	7.038e+05
		4.803e+05	-2412.37	4.47e-04	0.0	92.1	4.871e+04	-4099.50	-413.15	-8767.98	-2412.37	4.803e+05
221	270	1.239e+06	3.091e+04	0.08	-552.50	0.0	7.505e+04	-5952.24	-443.60	1.932e+04	3.091e+04	1.239e+06
		8.751e+05	-5693.03	-1.96e-04	92.27	92.1	7.505e+04	-6504.74	-351.33	1.932e+04	-5693.03	8.751e+05
221	281	2.689e+06	5.148e+04	0.18	-552.50	0.0	1.265e+05	-1.525e+04	-648.85	5.469e+04	5.148e+04	2.689e+06
		1.785e+06	-4017.82	4.50e-04	92.27	92.1	1.265e+05	-1.580e+04	-556.58	5.469e+04	-4017.82	1.785e+06
221	288	8.062e+05	3.265e+04	0.05	-552.50	0.0	4.558e+04	-3540.58	-388.86	-6286.34	3.265e+04	8.062e+05
		5.856e+05	-3159.47	3.59e-04	0.0	92.1	4.558e+04	-4093.08	-388.86	-6286.34	-3159.47	5.856e+05
221	310	7.921e+05	3.256e+04	0.05	-552.50	0.0	4.608e+04	-3551.12	-388.68	-6111.08	3.256e+04	7.921e+05
		5.705e+05	-3232.42	3.40e-04	0.0	92.1	4.608e+04	-4103.62	-388.68	-6111.08	-3232.42	5.705e+05
221	311	9.438e+05	3.183e+04	0.06	-552.50	0.0	5.833e+04	-4509.78	-385.11	3738.60	3.183e+04	9.438e+05
		6.661e+05	-3630.99	3.11e-04	0.0	92.1	5.833e+04	-5062.28	-385.11	3738.60	-3630.99	6.661e+05
221	313	2.202e+06	4.551e+04	0.15	-552.50	0.0	1.067e+05	-1.232e+04	-527.64	3.963e+04	4.551e+04	2.202e+06
		1.469e+06	-3075.19	4.83e-04	0.0	92.1	1.067e+05	-1.287e+04	-527.64	3.963e+04	-3075.19	1.469e+06
221	316	7.147e+05	3.563e+04	0.05	-552.50	0.0	4.839e+04	-3552.16	-410.62	-8558.11	3.563e+04	7.147e+05
		4.922e+05	-2180.74	4.78e-04	0.0	92.1	4.839e+04	-4104.66	-410.62	-8558.11	-2180.74	4.922e+05
221	324	7.903e+05	3.317e+04	0.05	-552.50	0.0	4.619e+04	-3556.72	-390.52	-6447.70	3.317e+04	7.903e+05
		5.692e+05	-2785.35	3.97e-04	0.0	92.1	4.619e+04	-4109.22	-390.52	-6447.70	-2785.35	5.692e+05
221	330	5.283e+05	3.731e+04	0.03	-552.50	0.0	5.854e+04	-2713.41	-462.13	-7071.72	3.731e+04	5.283e+05
		3.701e+05	-5264.64	2.74e-04	0.0	92.1	5.854e+04	-3265.91	-462.13	-7071.72	-5264.64	3.701e+05
221	333	5.188e+05	3.905e+04	0.03	-552.50	0.0	5.963e+04	-2782.63	-472.94	-8931.13	3.905e+04	5.188e+05
		3.631e+05	-4475.06	3.47e-04	0.0	92.1	5.963e+04	-3335.13	-472.94	-8931.13	-4475.06	3.631e+05
221	337	5.179e+05	3.976e+04	0.03	-552.50	0.0	6.012e+04	-2786.02	-476.65	-9005.11	3.976e+04	5.179e+05
		3.639e+05	-4157.68	4.49e-04	0.0	92.1	6.012e+04	-3338.52	-476.65	-9005.11	-4157.68	3.639e+05
221	340	1.063e+06	2.659e+04	0.07	-552.50	0.0	3.225e+04	-4327.43	-304.38	-3890.30	2.659e+04	1.063e+06
		7.745e+05	-1413.02	3.46e-04	0.0	92.1	3.225e+04	-4879.93	-304.38	-3890.30	-1413.02	7.745e+05
221	365	6.502e+05	3.643e+04	0.04	-552.50	0.0	5.307e+04	-3156.26	-433.18	-7617.26	3.643e+04	6.502e+05
		4.626e+05	-3467.25	4.13e-04	0.0	92.1	5.307e+04	-3708.76	-433.18	-7617.26	-3467.25	4.626e+05
221	368	9.305e+05	2.992e+04	0.06	-552.50	0.0	3.930e+04	-3957.18	-347.86	-5278.15	2.992e+04	9.305e+05
		6.758e+05	-2103.45	3.82e-04	0.0	92.1	3.930e+04	-4509.68	-347.86	-5278.15	-2103.45	6.758e+05
221	369	6.503e+05	3.650e+04	0.04	-552.50	0.0	5.326e+04	-3162.86	-434.16	-7727.29	3.650e+04	6.503e+05
		4.635e+05	-3492.13	4.20e-04	0.0	92.1	5.326e+04	-3715.36	-434.16	-7727.29	-3492.13	4.635e+05
221	372	9.304e+05	2.985e+04	0.06	-552.50	0.0	3.911e+04	-3950.59	-346.88	-5168.12	2.985e+04	9.304e+05
		6.749e+05	-2078.57	3.75e-04	0.0	92.1	3.911e+04	-4503.09	-346.88	-5168.12	-2078.57	6.749e+05
221	374	7.574e+05	3.223e+04	0.05	-552.50	0.0	4.762e+04	-3390.58	-393.85	-5482.69	3.223e+04	7.574e+05
		5.459e+05	-4066.25	2.30e-04	0.0	92.1	4.762e+04	-3943.08	-393.85	-5482.69	-4066.25	5.459e+05

222	105	5.902e+05	1.819e+05	0.33	-745.88	0.0	5.459e+04	-2.518e+04	1765.22	9.127e+04	1.933e+04	5.902e+05
		-1.462e+06	1.933e+04	-2.26e-03	0.0	92.1	5.459e+04	-2.593e+04	1765.22	9.127e+04	1.819e+05	-1.462e+06
222	127	1.047e+06	1.818e+05	0.38	-745.88	0.0	6.935e+04	-3.456e+04	1790.88	9.675e+04	1.694e+04	1.047e+06
		-1.606e+06	1.694e+04	-2.30e-03	0.0	92.1	6.935e+04	-3.531e+04	1790.88	9.675e+04	1.818e+05	-1.606e+06
222	165	1.048e+06	1.784e+05	0.38	-745.88	0.0	6.932e+04	-3.455e+04	1759.73	9.590e+04	1.636e+04	1.048e+06
		-1.603e+06	1.636e+04	-2.18e-03	0.0	92.1	6.932e+04	-3.529e+04	1759.73	9.590e+04	1.784e+05	-1.603e+06
222	206	1.346e+05	2.277e+04	0.07	-552.50	0.0	1.736e+04	-7372.55	202.39	-4098.88	4128.35	1.346e+05
		-5.052e+05	4128.35	-2.30e-04	0.0	92.1	1.736e+04	-7925.05	202.39	-4098.88	2.277e+04	-5.052e+05
222	270	7.774e+05	1.337e+05	0.28	-552.50	0.0	5.128e+04	-2.558e+04	1317.29	7.162e+04	1.243e+04	7.774e+05
		-1.185e+06	1.243e+04	-1.67e-03	0.0	92.1	5.128e+04	-2.613e+04	1317.29	7.162e+04	1.337e+05	-1.185e+06
222	287	1.224e+05	2.821e+04	0.07	-552.50	0.0	1.814e+04	-7557.41	256.28	-4430.53	4608.89	1.224e+05
		-5.431e+05	4608.89	-3.75e-04	0.0	92.1	1.814e+04	-8109.91	256.28	-4430.53	2.821e+04	-5.431e+05
222	289	7.779e+05	1.314e+05	0.28	-552.50	0.0	5.126e+04	-2.557e+04	1296.52	7.106e+04	1.205e+04	7.779e+05
		-1.183e+06	1.205e+04	-1.59e-03	0.0	92.1	5.126e+04	-2.612e+04	1296.52	7.106e+04	1.314e+05	-1.183e+06
222	309	1.363e+05	2.465e+04	0.07	-552.50	0.0	1.779e+04	-7543.22	221.54	-3194.70	4249.41	1.363e+05
		-5.189e+05	4249.41	-2.47e-04	0.0	92.1	1.779e+04	-8095.72	221.54	-3194.70	2.465e+04	-5.189e+05
222	311	5.984e+05	8.415e+04	0.22	-552.50	0.0	3.943e+04	-1.957e+04	825.38	4.235e+04	8143.29	5.984e+05
		-9.053e+05	8143.29	-9.39e-04	0.0	92.1	3.943e+04	-2.012e+04	825.38	4.235e+04	8.415e+04	-9.053e+05
222	324	1.363e+05	2.465e+04	0.07	-552.50	0.0	1.779e+04	-7543.22	221.54	-3194.70	4249.41	1.363e+05
		-5.189e+05	4249.41	-2.47e-04	0.0	92.1	1.779e+04	-8095.72	221.54	-3194.70	2.465e+04	-5.189e+05
222	328	4072.41	4.013e+04	0.05	-552.50	0.0	2.297e+04	-8585.62	375.83	-8596.28	7377.38	4072.41
		-6.738e+05	7377.38	-6.67e-04	0.0	92.1	2.297e+04	-9138.12	375.83	-8596.28	4.013e+04	-6.738e+05
222	333	2.689e+05	9945.08	0.10	-552.50	0.0	1.257e+04	-6498.67	75.84	2088.93	1048.63	2.689e+05
		-3.632e+05	1048.63	3.41e-04	0.0	92.1	1.257e+04	-7051.17	75.84	2088.93	9945.08	-3.632e+05
222	336	3673.60	3.935e+04	0.05	-552.50	0.0	2.301e+04	-8587.77	367.23	-8478.33	7450.20	3673.60
		-6.746e+05	7450.20	-5.78e-04	0.0	92.1	2.301e+04	-9140.27	367.23	-8478.33	3.935e+04	-6.746e+05
222	345	1.881e+05	1.081e+04	0.08	-552.50	0.0	1.575e+04	-7340.36	69.06	5992.20	-1573.59	1.881e+05
		-4.612e+05	-1573.59	1.22e-03	0.0	92.1	1.575e+04	-7892.86	69.06	5992.20	1.081e+04	-4.612e+05
222	360	6.965e+04	3.212e+04	0.06	-552.50	0.0	2.033e+04	-8086.73	293.64	-5340.90	5719.50	6.965e+04
		-5.959e+05	5719.50	-4.34e-04	0.0	92.1	2.033e+04	-8639.23	293.64	-5340.90	3.212e+04	-5.959e+05
222	365	2.031e+05	1.757e+04	0.09	-552.50	0.0	1.523e+04	-6998.65	153.74	-1105.80	2744.65	2.031e+05
		-4.416e+05	2744.65	1.80e-04	0.0	92.1	1.523e+04	-7551.15	153.74	-1105.80	1.757e+04	-4.416e+05
222	368	6.945e+04	3.173e+04	0.06	-552.50	0.0	2.035e+04	-8087.79	289.34	-5283.60	5754.18	6.945e+04
		-5.962e+05	5754.18	-3.93e-04	0.0	92.1	2.035e+04	-8640.29	289.34	-5283.60	3.173e+04	-5.962e+05
222	377	1.613e+05	1.867e+04	0.08	-552.50	0.0	1.696e+04	-7401.39	162.53	-460.20	1653.11	1.613e+05
		-4.920e+05	1653.11	5.62e-04	0.0	92.1	1.696e+04	-7953.89	162.53	-460.20	1.867e+04	-4.920e+05
223	111	2.112e+05	-6853.74	0.12	-745.88	0.0	3.006e+04	-1.267e+04	-330.09	5974.78	-6853.74	2.112e+05
		-8.905e+05	-3.725e+04	-4.51e-04	0.0	92.1	3.006e+04	-1.342e+04	-330.09	5974.78	-3.725e+04	-8.905e+05
223	127	9.640e+05	1.314e+05	0.35	-745.88	0.0	6.170e+04	-3.046e+04	1387.35	1.423e+05	3624.92	9.640e+05
		-1.346e+06	3624.92	-2.29e-03	0.0	92.1	6.170e+04	-3.120e+04	1387.35	1.423e+05	1.314e+05	-1.346e+06
223	128	9.143e+05	1.422e+05	0.32	-552.50	0.0	5.498e+04	-2.762e+04	1486.90	1.423e+05	5251.43	9.143e+05
		-1.148e+06	5251.43	-2.39e-03	0.0	92.1	5.498e+04	-2.817e+04	1486.90	1.423e+05	1.422e+05	-1.148e+06
223	165	9.632e+05	1.279e+05	0.35	-745.88	0.0	6.174e+04	-3.047e+04	1356.20	1.415e+05	3049.16	9.632e+05
		-1.349e+06	3049.16	-2.16e-03	0.0	92.1	6.174e+04	-3.121e+04	1356.20	1.415e+05	1.279e+05	-1.349e+06
223	206	1.346e+05	-4128.35	0.07	-552.50	0.0	1.736e+04	-7372.55	-202.39	4098.89	-4128.35	1.346e+05
		-5.052e+05	-2.277e+04	2.30e-04	0.0	92.1	1.736e+04	-7925.05	-202.39	4098.89	-2.277e+04	-5.052e+05
223	255	3.740e+04	-6147.94	0.06	-552.50	0.0	2.050e+04	-7713.50	-386.92	2788.23	-6147.94	3.740e+04
		-6.934e+05	-4.178e+04	4.36e-04	0.0	92.1	2.050e+04	-8266.00	-386.92	2788.23	-4.178e+04	-6.934e+05
223	268	1.245e+05	-3717.37	0.07	-552.50	0.0	1.809e+04	-7546.79	-194.02	3151.41	-3717.37	1.245e+05
		-5.367e+05	-2.158e+04	-3.66e-04	0.0	92.1	1.809e+04	-8099.29	-194.02	3151.41	-2.158e+04	-5.367e+05
223	270	7.152e+05	9.726e+04	0.26	-552.50	0.0	4.562e+04	-2.254e+04	1027.42	1.056e+05	2651.58	7.152e+05
		-9.932e+05	2651.58	-1.68e-03	0.0	92.1	4.562e+04	-2.309e+04	1027.42	1.056e+05	9.726e+04	-9.932e+05
223	289	7.147e+05	9.496e+04	0.26	-552.50	0.0	4.565e+04	-2.255e+04	1006.65	1.050e+05	2267.73	7.147e+05
		-9.952e+05	2267.73	-1.59e-03	0.0	92.1	4.565e+04	-2.310e+04	1006.65	1.050e+05	9.496e+04	-9.952e+05
223	310	1.373e+05	-3803.65	0.07	-552.50	0.0	1.776e+04	-7537.90	-190.41	2555.14	-3803.65	1.373e+05
		-5.157e+05	-2.134e+04	-2.98e-04	0.0	92.1	1.776e+04	-8090.40	-190.41	2555.14	-2.134e+04	-5.157e+05
223	311	5.622e+05	5.197e+04	0.20	-552.50	0.0	3.612e+04	-1.780e+04	559.29	6.571e+04	470.21	5.622e+05
		-7.958e+05	470.21	-8.94e-04	0.0	92.1	3.612e+04	-1.836e+04	559.29	6.571e+04	5.197e+04	-7.958e+05
223	322	7.109e+04	-5848.43	0.07	-552.50	0.0	1.957e+04	-7656.87	-353.78	3249.91	-5848.43	7.109e+04
		-6.348e+05	-3.843e+04	4.94e-04	0.0	92.1	1.957e+04	-8209.37	-353.78	3249.91	-3.843e+04	-6.348e+05
223	324	1.363e+05	-4249.41	0.07	-552.50	0.0	1.779e+04	-7543.22	-221.54	3194.70	-4249.41	1.363e+05
		-5.189e+05	-2.465e+04	2.47e-04	0.0	92.1	1.779e+04	-8095.72	-221.54	3194.70	-2.465e+04	-5.189e+05
223	326	2.691e+05	-995.15	0.10	-552.50	0.0	1.260e+04	-6484.28	-76.11	-2256.13	-995.15	2.691e+05
		-3.626e+05	-9959.43	-3.39e-04	0.0	92.1	1.260e+04	-7036.78	-76.11	-2256.13	-9959.43	-3.626e+05
223	327	3387.28	-7503.67	0.05	-552.50	0.0	2.297e+04	-8602.16	-366.96	8645.54	-7503.67	3387.28
		-6.752e+05	-3.934e+04	5.77e-04	0.0	92.1	2.297e+04	-9154.66	-366.96	8645.54	-3.934e+04	-6.752e+05
223	335	3786.09	-7430.86	0.05	-552.50	0.0	2.294e+04	-8600.01	-375.56	8763.49	-7430.86	3786.09
		-6.744e+05	-4.012e+04	6.67e-04	0.0	92.1	2.294e+04	-9152.51	-375.56	8763.49	-4.012e+04	-6.744e+05
223	342	1.890e+05	1751.84	0.08	-552.50	0.0	1.587e+04	-7292.40	-69.96	-6549.56	1751.84	1.890e+05
		-4.594e+05	-1.086e+04	-1.22e-03	0.0	92.1	1.587e+04	-7844.90	-69.96	-6549.56	-1.086e+04	-4.594e+05
223	358	2.031e+05	-2744.64	0.09	-552.50	0.0	1.523e+04	-6998.65	-153.74	1105.80	-2744.64	2.031e+05
		-4.416e+05	-1.757e+04	-1.80e-04	0.0	92.1	1.523e+04	-7551.15	-153.74	1105.80	-1.757e+04	-4.416e+05
223	359	6.945e+04	-5754.18	0.06	-552.50	0.0	2.035e+04	-8087.79	-289.34	5283.60	-5754.18	6.945e+04
		-5.962e+05	-3.173e+04	3.93e-04	0.0	92.1	2.035e+04	-8640.29	-289.34	5283.60	-3.173e+04	-5.962e+05
223	367	6.965e+04	-5719.50	0.06	-552.50	0.0	2.033e+04	-8086.74	-293.64	5340.91	-5719.50	6.965e+04
		-5.959e+05	-3.212e+04	4.34e-04	0.0	92.1	2.033e+04	-8639.24	-293.64	5340.91	-3.212e+04	-5.959e+05
223	374	1.613e+05	-1653.11	0.08	-552.50	0.0	1.696e+04	-7401.39	-162.53	460.20	-1653.11	1.613e+05

		-4.920e+05	-1.867e+04	-5.62e-04	0.0	92.1	1.696e+04	-7953.89	-162.53	460.20	-1.867e+04	-4.920e+05
224	106	5.287e+05	9.781e+04	0.25	-552.50	0.0	3.732e+04	-1.831e+04	842.80	6.774e+04	2.020e+04	5.287e+05
		-8.847e+05	2.020e+04	-1.56e-03	0.0	92.1	3.732e+04	-1.887e+04	842.80	6.774e+04	9.781e+04	-8.847e+05
224	127	9.728e+05	8.700e+04	0.32	-745.88	0.0	5.478e+04	-2.872e+04	678.36	5.896e+04	2.453e+04	9.728e+05
		-1.142e+06	2.453e+04	-2.06e-03	0.0	92.1	5.478e+04	-2.947e+04	678.36	5.896e+04	8.700e+04	-1.142e+06
224	161	1.891e+05	1.334e+04	0.10	-745.88	0.0	2.528e+04	-1.108e+04	-234.53	-3.612e+04	1.334e+04	1.891e+05
		-7.508e+05	-1.887e+04	3.90e-04	-230.67	92.1	2.528e+04	-1.182e+04	-465.20	-3.612e+04	-1.887e+04	-7.508e+05
224	165	9.695e+05	8.139e+04	0.32	-745.88	0.0	5.504e+04	-2.880e+04	682.19	5.497e+04	2.494e+04	9.695e+05
		-1.155e+06	2.494e+04	-1.91e-03	-138.40	92.1	5.504e+04	-2.954e+04	543.79	5.497e+04	8.139e+04	-1.155e+06
224	206	1.423e+05	8253.31	0.07	-552.50	0.0	1.764e+04	-7785.44	-121.69	-1.692e+04	8253.31	1.423e+05
		-5.164e+05	-2952.11	3.78e-04	0.0	92.1	1.764e+04	-8337.94	-121.69	-1.692e+04	-2952.11	-5.164e+05
224	267	1.454e+05	9202.15	0.07	-552.50	0.0	1.832e+04	-8089.12	-174.57	-2.164e+04	9202.15	1.454e+05
		-5.359e+05	-6872.78	4.69e-05	0.0	92.1	1.832e+04	-8641.62	-174.57	-2.164e+04	-6872.78	-5.359e+05
224	270	7.205e+05	6.486e+04	0.24	-552.50	0.0	4.049e+04	-2.124e+04	508.23	4.418e+04	1.806e+04	7.205e+05
		-8.429e+05	1.806e+04	-1.51e-03	0.0	92.1	4.049e+04	-2.180e+04	508.23	4.418e+04	6.486e+04	-8.429e+05
224	287	1.403e+05	9720.03	0.07	-552.50	0.0	1.862e+04	-8162.61	-168.59	-2.577e+04	9720.03	1.403e+05
		-5.521e+05	-1.288e+04	3.00e-04	-153.78	92.1	1.862e+04	-8715.11	-322.37	-2.577e+04	-1.288e+04	-5.521e+05
224	289	7.183e+05	6.112e+04	0.24	-552.50	0.0	4.067e+04	-2.129e+04	510.79	4.152e+04	1.833e+04	7.183e+05
		-8.516e+05	1.833e+04	-1.41e-03	-92.27	92.1	4.067e+04	-2.184e+04	418.52	4.152e+04	6.112e+04	-8.516e+05
224	310	1.554e+05	8916.05	0.08	-552.50	0.0	1.809e+04	-8091.83	-192.75	-2.210e+04	8916.05	1.554e+05
		-5.212e+05	-8833.02	1.29e-04	0.0	92.1	1.809e+04	-8644.33	-192.75	-2.210e+04	-8833.02	-5.212e+05
224	311	5.689e+05	3.114e+04	0.19	-552.50	0.0	3.331e+04	-1.730e+04	182.72	1.638e+04	1.431e+04	5.689e+05
		-7.179e+05	1.431e+04	-7.72e-04	0.0	92.1	3.331e+04	-1.785e+04	182.72	1.638e+04	3.114e+04	-7.179e+05
224	324	1.487e+05	9020.11	0.08	-552.50	0.0	1.828e+04	-8100.93	-191.23	-2.170e+04	9020.11	1.487e+05
		-5.348e+05	-8588.49	3.84e-04	0.0	92.1	1.828e+04	-8653.43	-191.23	-2.170e+04	-8588.49	-5.348e+05
224	326	3.088e+05	5378.26	0.10	-552.50	0.0	1.262e+04	-9199.82	-341.62	-2.961e+04	5378.26	3.088e+05
		-3.585e+05	-2.415e+04	-7.40e-04	0.0	92.1	1.262e+04	-9752.32	-341.62	-2.961e+04	-2.415e+04	-3.585e+05
224	327	-1.140e+04	1.266e+04	0.05	-552.50	0.0	2.394e+04	-7002.04	-40.83	-1.380e+04	1.266e+04	-1.140e+04
		-7.110e+05	6970.28	1.51e-03	0.0	92.1	2.394e+04	-7554.54	-40.83	-1.380e+04	6970.28	-7.110e+05
224	328	3.100e+04	1.559e+04	0.05	-552.50	0.0	2.300e+04	-6774.22	-149.95	-1.905e+04	1.559e+04	3.100e+04
		-6.767e+05	-238.05	6.74e-04	0.0	92.1	2.300e+04	-7326.72	-149.95	-1.905e+04	-238.05	-6.767e+05
224	334	3.092e+05	5428.08	0.10	-552.50	0.0	1.268e+04	-9185.90	-339.16	-2.932e+04	5428.08	3.092e+05
		-3.598e+05	-2.387e+04	-8.06e-04	0.0	92.1	1.268e+04	-9738.40	-339.16	-2.932e+04	-2.387e+04	-3.598e+05
224	342	2.610e+05	1.236e+04	0.09	-552.50	0.0	1.516e+04	-8085.06	-401.84	-3.204e+04	1.236e+04	2.610e+05
		-4.298e+05	-2.419e+04	-1.22e-03	0.0	92.1	1.516e+04	-8637.56	-401.84	-3.204e+04	-2.419e+04	-4.298e+05
224	358	2.276e+05	7009.31	0.09	-552.50	0.0	1.546e+04	-8710.15	-257.06	-2.492e+04	7009.31	2.276e+05
		-4.472e+05	-1.568e+04	-1.53e-04	0.0	92.1	1.546e+04	-9262.65	-257.06	-2.492e+04	-1.568e+04	-4.472e+05
224	359	6.983e+04	1.103e+04	0.06	-552.50	0.0	2.110e+04	-7491.72	-125.40	-1.848e+04	1.103e+04	6.983e+04
		-6.224e+05	-1501.25	9.22e-04	0.0	92.1	2.110e+04	-8044.22	-125.40	-1.848e+04	-1501.25	-6.224e+05
224	360	8.680e+04	1.212e+04	0.06	-552.50	0.0	2.066e+04	-7470.55	-159.19	-1.952e+04	1.212e+04	8.680e+04
		-6.064e+05	-3596.63	5.55e-04	0.0	92.1	2.066e+04	-8023.05	-159.19	-1.952e+04	-3596.63	-6.064e+05
224	362	2.268e+05	6942.12	0.09	-552.50	0.0	1.551e+04	-8702.89	-257.20	-2.491e+04	6942.12	2.268e+05
		-4.487e+05	-1.572e+04	-1.10e-04	0.0	92.1	1.551e+04	-9255.39	-257.20	-2.491e+04	-1.572e+04	-4.487e+05
224	366	2.278e+05	7034.17	0.09	-552.50	0.0	1.549e+04	-8703.35	-255.80	-2.478e+04	7034.17	2.278e+05
		-4.478e+05	-1.554e+04	-1.87e-04	0.0	92.1	1.549e+04	-9255.85	-255.80	-2.478e+04	-1.554e+04	-4.478e+05
225	34	1.462e+06	-1147.25	0.01	-612.50	0.0	8.020e+04	282.75	-8.49	-5303.45	-1147.25	1.454e+06
		1.454e+06	-2014.04	-3.41e-05	0.0	102.1	8.020e+04	-329.75	-8.49	-5303.45	-2014.04	1.454e+06
225	126	8.984e+05	2854.36	0.01	-612.50	0.0	5.101e+04	-456.15	-4.28	-6529.72	2854.36	8.984e+05
		8.493e+05	2417.04	-4.39e-05	0.0	102.1	5.101e+04	-1068.65	-4.28	-6529.72	2417.04	8.493e+05
225	161	1.259e+06	1.005e+04	0.02	-826.88	0.0	7.236e+04	-685.22	114.86	-1.330e+04	7418.41	1.259e+06
		1.187e+06	6091.10	-2.18e-04	-255.72	102.1	7.236e+04	-1512.09	-140.86	-1.330e+04	6091.10	1.187e+06
225	187	4.203e+06	3880.11	0.06	-826.88	0.0	2.006e+05	-5626.00	70.03	-1.922e+04	2251.23	4.203e+06
		3.801e+06	1569.23	-7.09e-04	-153.43	102.1	2.006e+05	-6452.88	-83.40	-1.922e+04	1569.23	3.801e+06
225	206	8.810e+05	3829.78	0.01	-612.50	0.0	5.157e+04	-456.47	-4.33	-6579.92	3829.78	8.810e+05
		8.319e+05	3387.60	-1.03e-04	0.0	102.1	5.157e+04	-1068.97	-4.33	-6579.92	3387.60	8.319e+05
225	231	8.408e+05	4899.29	0.01	-612.50	0.0	5.482e+04	-509.39	-6.04	-7226.94	4899.29	8.408e+05
		7.901e+05	4283.00	-1.27e-04	0.0	102.1	5.482e+04	-1121.89	-6.04	-7226.94	4283.00	7.901e+05
225	269	9.231e+05	4342.18	0.01	-612.50	0.0	5.297e+04	-497.60	-7.16	-8099.07	4342.18	9.231e+05
		8.711e+05	3610.79	-7.83e-05	0.0	102.1	5.297e+04	-1110.10	-7.16	-8099.07	3610.79	8.711e+05
225	270	1.086e+06	1665.28	0.01	-612.50	0.0	6.746e+04	-690.27	-5.60	-5356.86	1665.28	1.086e+06
		1.022e+06	1094.08	-1.03e-04	0.0	102.1	6.746e+04	-1302.77	-5.60	-5356.86	1094.08	1.022e+06
225	287	9.271e+05	7066.02	0.01	-612.50	0.0	5.340e+04	-502.46	76.14	-9527.08	5331.13	9.271e+05
		8.747e+05	4401.98	-1.56e-04	-170.48	102.1	5.340e+04	-1114.96	-94.34	-9527.08	4401.98	8.747e+05
225	300	2.887e+06	5271.33	0.04	-612.50	0.0	1.354e+05	-3969.83	44.85	-1.666e+04	4267.75	2.887e+06
		2.601e+06	3624.89	-3.90e-04	-102.29	102.1	1.354e+05	-4582.33	-57.44	-1.666e+04	3624.89	2.601e+06
225	309	9.115e+05	4989.97	0.01	-612.50	0.0	5.335e+04	-497.81	-7.20	-8132.44	4989.97	9.115e+05
		8.595e+05	4255.37	-1.18e-04	0.0	102.1	5.335e+04	-1110.31	-7.20	-8132.44	4255.37	8.595e+05
225	311	9.591e+05	3933.11	0.01	-612.50	0.0	5.958e+04	-574.87	-6.63	-7020.27	3933.11	9.591e+05
		9.023e+05	3255.96	-1.22e-04	0.0	102.1	5.958e+04	-1187.37	-6.63	-7020.27	3255.96	9.023e+05
225	313	2.383e+06	4466.43	0.03	-612.50	0.0	1.149e+05	-3099.82	-5.70	-1.391e+04	4466.43	2.383e+06
		2.156e+06	3884.31	-3.25e-04	0.0	102.1	1.149e+05	-3712.32	-5.70	-1.391e+04	3884.31	2.156e+06
225	316	8.510e+05	5351.09	0.01	-612.50	0.0	5.459e+04	-506.70	-6.42	-7460.95	5351.09	8.510e+05
		8.000e+05	4695.53	-1.52e-04	0.0	102.1	5.459e+04	-1119.20	-6.42	-7460.95	4695.53	8.000e+05
225	324	9.115e+05	4989.97	0.01	-612.50	0.0	5.335e+04	-497.81	-7.20	-8132.44	4989.97	9.115e+05
		8.595e+05	4255.37	-1.18e-04	0.0	102.1	5.335e+04	-1110.31	-7.20	-8132.44	4255.37	8.595e+05
225	330	5.923e+05	5908.71	8.19e-03	-612.50	0.0	7.066e+04	-676.14	2.10	-5311.11	2736.41	5.923e+05
		5.567e+05	2736.41	1.29e-04	0.0	102.1	7.066e+04	-1288.64	2.10	-5311.11	5908.71	5.567e+05

225	331	1.231e+06	7243.53	0.02	-612.50	0.0	3.603e+04	-319.48	-16.49	-1.095e+04	7243.53	1.231e+06
		1.162e+06	2602.04	-2.04e-04	0.0	102.1	3.603e+04	-931.98	-16.49	-1.095e+04	2602.04	1.162e+06
225	355	1.027e+06	8078.12	0.01	-612.50	0.0	4.587e+04	-616.20	-6.56	-9123.61	8078.12	1.027e+06
		9.705e+05	6330.55	-4.47e-04	0.0	102.1	4.587e+04	-1228.70	-6.56	-9123.61	6330.55	9.705e+05
225	356	9.829e+05	2788.25	0.01	-612.50	0.0	5.099e+04	-493.06	-13.92	-8776.29	2788.25	9.829e+05
		9.255e+05	679.19	3.89e-04	0.0	102.1	5.099e+04	-1105.56	-13.92	-8776.29	679.19	9.255e+05
225	362	7.475e+05	5107.91	0.01	-612.50	0.0	6.214e+04	-588.48	-2.47	-6689.57	5107.91	7.475e+05
		7.039e+05	3852.02	-7.98e-05	0.0	102.1	6.214e+04	-1200.98	-2.47	-6689.57	3852.02	7.039e+05
225	363	1.076e+06	6127.92	0.01	-612.50	0.0	4.455e+04	-407.14	-11.92	-9575.32	6127.92	1.076e+06
		1.015e+06	3402.84	-1.59e-04	0.0	102.1	4.455e+04	-1019.64	-11.92	-9575.32	3402.84	1.015e+06
225	384	9.488e+05	3903.15	0.01	-612.50	0.0	5.209e+04	-437.38	-10.60	-8468.96	3903.15	9.488e+05
		8.940e+05	2473.44	1.85e-04	0.0	102.1	5.209e+04	-1049.88	-10.60	-8468.96	2473.44	8.940e+05
225	387	9.705e+05	6526.05	0.01	-612.50	0.0	4.958e+04	-557.18	-6.91	-8639.09	6526.05	9.705e+05
		9.162e+05	5273.82	-2.70e-04	0.0	102.1	4.958e+04	-1169.68	-6.91	-8639.09	5273.82	9.162e+05
226	74	4.829e+05	1.559e+04	0.09	-552.50	0.0	4.041e+04	-8481.95	122.44	4.357e+04	4319.72	4.829e+05
		-6.000e+04	4319.72	-9.86e-04	0.0	92.1	4.041e+04	-9034.45	122.44	4.357e+04	1.559e+04	6.000e+04
226	126	4.508e+05	7843.19	0.07	-552.50	0.0	2.792e+04	-6294.66	42.24	-1.088e+04	3953.74	4.508e+05
		5.124e+04	3953.74	-5.79e-04	0.0	92.1	2.792e+04	-6847.16	42.24	-1.088e+04	7843.19	5.124e+04
226	152	1.251e+06	1.549e+04	0.22	-552.50	0.0	6.198e+04	-1.616e+04	127.87	6.580e+04	3716.05	1.251e+06
		2.701e+05	3716.05	-2.24e-03	0.0	92.1	6.198e+04	-1.671e+04	127.87	6.580e+04	1.549e+04	2.701e+05
226	187	1.763e+06	2.531e+04	0.31	-745.88	0.0	8.963e+04	-2.309e+04	257.91	1.031e+05	7929.29	1.763e+06
		3.571e+05	7929.29	-2.99e-03	-138.40	92.1	8.963e+04	-2.384e+04	119.50	1.031e+05	2.531e+04	3.571e+05
226	197	1.226e+06	2.808e+04	0.16	-745.88	0.0	6.624e+04	-1.307e+04	282.09	4.485e+04	8478.73	1.226e+06
		4.290e+05	8478.73	-1.55e-03	-138.40	92.1	6.624e+04	-1.382e+04	143.69	4.485e+04	2.808e+04	4.290e+05
226	243	3.783e+05	1.084e+04	0.07	-552.50	0.0	3.140e+04	-6520.12	58.29	-1.379e+04	5470.32	3.783e+05
		-4.538e+04	5470.32	-4.71e-04	0.0	92.1	3.140e+04	-7072.62	58.29	-1.379e+04	1.084e+04	-4.538e+04
226	269	4.584e+05	8935.68	0.07	-552.50	0.0	2.920e+04	-6522.82	40.08	-1.484e+04	5245.09	4.584e+05
		4.286e+04	5245.09	-5.17e-04	0.0	92.1	2.920e+04	-7075.32	40.08	-1.484e+04	8935.68	4.286e+04
226	282	1.011e+06	1.307e+04	0.18	-552.50	0.0	5.166e+04	-1.320e+04	87.03	2.632e+04	5061.24	1.011e+06
		2.032e+05	5061.24	-1.59e-03	0.0	92.1	5.166e+04	-1.375e+04	87.03	2.632e+04	1.307e+04	2.032e+05
226	300	1.198e+06	1.484e+04	0.21	-552.50	0.0	5.927e+04	-1.546e+04	145.48	3.766e+04	5696.63	1.198e+06
		2.561e+05	5696.63	-1.84e-03	-92.27	92.1	5.927e+04	-1.601e+04	53.21	3.766e+04	1.484e+04	2.561e+05
226	305	8.006e+05	1.690e+04	0.10	-552.50	0.0	4.194e+04	-8031.71	163.39	-5502.74	6103.61	8.006e+05
		3.094e+05	6103.61	-7.85e-04	-92.27	92.1	4.194e+04	-8584.21	71.12	-5502.74	1.690e+04	3.094e+05
226	309	4.414e+05	9526.96	0.07	-552.50	0.0	2.970e+04	-6526.69	41.93	-1.531e+04	5666.23	4.414e+05
		2.190e+04	5666.23	-3.72e-04	0.0	92.1	2.970e+04	-7079.19	41.93	-1.531e+04	9526.96	2.190e+04
226	310	4.422e+05	9318.87	0.07	-552.50	0.0	2.970e+04	-6532.61	43.51	-1.502e+04	5312.47	4.422e+05
		2.412e+04	5312.47	-4.77e-04	0.0	92.1	2.970e+04	-7085.11	43.51	-1.502e+04	9318.87	2.412e+04
226	313	9.979e+05	1.363e+04	0.18	-552.50	0.0	5.205e+04	-1.320e+04	87.40	2.569e+04	5585.10	9.979e+05
		1.860e+05	5585.10	-1.38e-03	0.0	92.1	5.205e+04	-1.376e+04	87.40	2.569e+04	1.363e+04	1.860e+05
226	314	6.997e+05	1.518e+04	0.09	-552.50	0.0	3.905e+04	-7633.69	100.84	-6678.55	5890.34	6.997e+05
		2.260e+05	5890.34	-6.05e-04	0.0	92.1	3.905e+04	-8186.19	100.84	-6678.55	1.518e+04	2.260e+05
226	319	3.840e+05	1.090e+04	0.07	-552.50	0.0	3.122e+04	-6515.00	55.13	-1.423e+04	5818.83	3.840e+05
		-4.041e+04	5818.83	-3.68e-04	0.0	92.1	3.122e+04	-7067.50	55.13	-1.423e+04	1.090e+04	-4.041e+04
226	324	4.414e+05	9526.96	0.07	-552.50	0.0	2.970e+04	-6526.69	41.93	-1.531e+04	5666.23	4.414e+05
		2.190e+04	5666.23	-3.72e-04	0.0	92.1	2.970e+04	-7079.19	41.93	-1.531e+04	9526.96	2.190e+04
226	325	2.753e+05	1.429e+04	0.05	-552.50	0.0	3.724e+04	-5353.52	87.72	-1.018e+04	5170.42	2.753e+05
		-9.045e+04	5170.42	-3.31e-04	0.0	92.1	3.724e+04	-5906.02	87.72	-1.018e+04	1.429e+04	-9.045e+04
226	329	2.750e+05	1.410e+04	0.05	-552.50	0.0	3.754e+04	-5326.22	89.12	-1.021e+04	5256.84	2.750e+05
		-9.003e+04	5256.84	-2.55e-04	0.0	92.1	3.754e+04	-5878.72	89.12	-1.021e+04	1.410e+04	-9.003e+04
226	332	6.078e+05	6075.63	0.10	-552.50	0.0	2.186e+04	-7727.17	-5.27	-2.040e+04	6075.63	6.078e+05
		1.338e+05	4954.46	-5.68e-04	0.0	92.1	2.186e+04	-8279.67	-5.27	-2.040e+04	4954.46	1.338e+05
226	333	2.757e+05	1.434e+04	0.05	-552.50	0.0	3.714e+04	-5364.86	87.65	-1.043e+04	5178.35	2.757e+05
		-8.961e+04	5178.35	-3.25e-04	0.0	92.1	3.714e+04	-5917.36	87.65	-1.043e+04	1.434e+04	-8.961e+04
226	350	4.098e+05	9860.61	0.07	-552.50	0.0	3.052e+04	-6337.37	42.24	-1.127e+04	4175.66	4.098e+05
		9566.24	4175.66	-9.52e-04	0.0	92.1	3.052e+04	-6889.87	42.24	-1.127e+04	9860.61	9566.24
226	361	3.559e+05	1.182e+04	0.06	-552.50	0.0	3.366e+04	-5914.01	65.54	-1.268e+04	5450.14	3.559e+05
		-3.476e+04	5450.14	-3.07e-04	0.0	92.1	3.366e+04	-6466.51	65.54	-1.268e+04	1.182e+04	-3.476e+04
226	364	5.269e+05	7238.34	0.09	-552.50	0.0	2.574e+04	-7139.38	18.32	-1.794e+04	5882.32	5.269e+05
		7.855e+04	5882.32	-4.58e-04	0.0	92.1	2.574e+04	-7691.88	18.32	-1.794e+04	7238.34	7.855e+04
226	365	3.567e+05	1.185e+04	0.06	-552.50	0.0	3.349e+04	-5937.02	65.28	-1.284e+04	5466.25	3.567e+05
		-3.353e+04	5466.25	-2.89e-04	0.0	92.1	3.349e+04	-6489.52	65.28	-1.284e+04	1.185e+04	-3.353e+04
226	374	4.226e+05	9661.68	0.07	-552.50	0.0	3.052e+04	-6369.55	42.92	-1.315e+04	4884.10	4.226e+05
		1.273e+04	4884.10	-7.13e-04	0.0	92.1	3.052e+04	-6922.05	42.92	-1.315e+04	9661.68	1.273e+04
227	49	4.198e+06	762.32	0.06	-826.88	0.0	2.010e+05	-5643.67	-3.32	-1.627e+04	762.32	4.198e+06
		3.797e+06	422.96	-8.99e-04	0.0	102.1	2.010e+05	-6470.55	-3.32	-1.627e+04	422.96	3.797e+06
227	50	3.843e+06	-2064.82	0.05	-612.50	0.0	1.803e+05	-5420.11	2.49	-1.162e+04	-2319.40	3.843e+06
		3.464e+06	-2319.40	-9.16e-04	0.0	102.1	1.803e+05	-6032.61	2.49	-1.162e+04	-2064.82	3.464e+06
227	124	8.801e+05	2715.72	0.01	-612.50	0.0	5.146e+04	-464.90	-4.13	-6319.43	2715.72	8.801e+05
		8.310e+05	2294.04	-1.16e-04	0.0	102.1	5.146e+04	-1077.40	-4.13	-6319.43	2294.04	8.310e+05
227	140	8.684e+05	2850.61	0.01	-612.50	0.0	5.186e+04	-463.38	-4.22	-6444.75	2850.61	8.684e+05
		8.192e+05	2420.10	-1.01e-04	0.0	102.1	5.186e+04	-1075.88	-4.22	-6444.75	2420.10	8.192e+05
227	181	1.239e+06	1.006e+04	0.02	-826.87	0.0	7.295e+04	-692.92	114.85	-1.330e+04	7429.00	1.239e+06
		1.168e+06	6101.20	-2.48e-04	-255.72	102.1	7.295e+04	-1519.79	-140.87	-1.330e+04	6101.20	1.168e+06
227	231	2.883e+06	3210.79	0.04	-612.50	0.0	1.357e+05	-3985.10	-3.88	-1.464e+04	3210.79	2.883e+06
		2.599e+06	2815.04	-5.70e-04	0.0	102.1	1.357e+05	-4597.60	-3.88	-1.464e+04	2815.04	2.599e+06
227	239	8.916e+05	4504.36	0.01	-612.50	0.0	5.309e+04	-553.67	-6.55	-7726.86	4504.36	8.916e+05

		8.367e+05	3835.82	-1.45e-04	0.0	102.1	5.309e+04	-1166.17	-6.55	-7726.86	3835.82	8.367e+05
227	270	1.077e+06	1643.67	0.01	-612.50	0.0	6.778e+04	-694.86	-5.53	-5203.63	1643.67	1.077e+06
		1.013e+06	1079.04	-1.36e-04	0.0	102.1	6.778e+04	-1307.36	-5.53	-5203.63	1079.04	1.013e+06
227	281	8.315e+05	4799.57	0.01	-612.50	0.0	5.502e+04	-493.17	-8.33	-8851.00	4799.57	8.315e+05
		7.785e+05	3949.60	8.16e-05	0.0	102.1	5.502e+04	-1105.67	-8.33	-8851.00	3949.60	7.785e+05
227	302	8.603e+05	7377.17	0.01	-612.50	0.0	5.490e+04	-499.87	75.23	-1.013e+04	5682.71	8.603e+05
		8.071e+05	4661.14	-1.40e-04	-170.48	102.1	5.490e+04	-1112.37	-95.25	-1.013e+04	4661.14	8.071e+05
227	311	9.577e+05	3943.15	0.01	-612.50	0.0	5.969e+04	-578.23	-6.69	-7026.65	3943.15	9.577e+05
		9.006e+05	3260.56	-1.10e-04	0.0	102.1	5.969e+04	-1190.73	-6.69	-7026.65	3260.56	9.006e+05
227	313	8.516e+05	5363.47	0.01	-612.50	0.0	5.465e+04	-493.66	-8.19	-8797.48	5363.47	8.516e+05
		7.986e+05	4527.68	8.52e-05	0.0	102.1	5.465e+04	-1106.16	-8.19	-8797.48	4527.68	7.986e+05
227	316	2.489e+06	4111.60	0.03	-612.50	0.0	1.151e+05	-3112.94	-4.91	-1.311e+04	4111.60	2.489e+06
		2.162e+06	3610.51	-4.08e-04	0.0	102.1	1.151e+05	-3725.44	-4.91	-1.311e+04	3610.51	2.162e+06
227	318	8.947e+05	5081.78	0.01	-612.50	0.0	5.314e+04	-539.37	-6.91	-7919.10	5081.78	8.947e+05
		8.403e+05	4376.10	-1.35e-04	0.0	102.1	5.314e+04	-1151.87	-6.91	-7919.10	4376.10	8.403e+05
227	319	8.592e+05	5387.64	0.01	-612.50	0.0	5.443e+04	-509.44	-6.51	-7589.61	5387.64	8.592e+05
		8.078e+05	4723.37	-1.38e-04	0.0	102.1	5.443e+04	-1121.94	-6.51	-7589.61	4723.37	8.078e+05
227	324	9.127e+05	4992.11	0.01	-612.50	0.0	5.339e+04	-502.34	-7.20	-8161.95	4992.11	9.127e+05
		8.604e+05	4256.66	-1.18e-04	0.0	102.1	5.339e+04	-1114.84	-7.20	-8161.95	4256.66	8.604e+05
227	330	7.467e+05	4503.98	0.01	-612.50	0.0	6.383e+04	-447.65	-3.09	-5849.89	2901.03	7.467e+05
		7.039e+05	2901.03	-1.45e-04	0.0	102.1	6.383e+04	-1060.15	-3.09	-5849.89	4503.98	7.039e+05
227	331	1.079e+06	7083.20	0.01	-612.50	0.0	4.295e+04	-557.03	-11.32	-1.047e+04	7083.20	1.079e+06
		1.017e+06	4009.35	-1.03e-04	0.0	102.1	4.295e+04	-1169.53	-11.32	-1.047e+04	4009.35	1.017e+06
227	334	7.478e+05	4798.31	0.01	-612.50	0.0	6.326e+04	-430.45	-2.20	-6348.33	3237.06	7.478e+05
		7.035e+05	3237.06	-9.34e-05	0.0	102.1	6.326e+04	-1042.95	-2.20	-6348.33	4798.31	7.035e+05
227	339	1.079e+06	7152.32	0.01	-612.50	0.0	4.308e+04	-555.81	-10.94	-1.050e+04	7152.32	1.079e+06
		1.017e+06	3975.35	-1.15e-04	0.0	102.1	4.308e+04	-1168.31	-10.94	-1.050e+04	3975.35	1.017e+06
227	355	9.843e+05	9619.06	0.01	-612.50	0.0	4.673e+04	-416.89	-2.14	-1.184e+04	9619.06	9.843e+05
		9.253e+05	7652.86	2.95e-04	0.0	102.1	4.673e+04	-1029.39	-2.14	-1.184e+04	7652.86	9.253e+05
227	356	9.363e+05	874.26	0.01	-612.50	0.0	5.457e+04	-639.95	-15.73	-5301.40	874.26	9.363e+05
		8.858e+05	3.21	-3.48e-04	0.0	102.1	5.457e+04	-1252.45	-15.73	-5301.40	3.21	8.858e+05
227	362	8.275e+05	4393.87	0.01	-612.50	0.0	5.867e+04	-474.02	-5.11	-6992.74	3943.69	8.275e+05
		7.801e+05	3943.69	-1.29e-04	0.0	102.1	5.867e+04	-1086.52	-5.11	-6992.74	4393.87	7.801e+05
227	363	9.978e+05	6040.53	0.01	-612.50	0.0	4.811e+04	-530.67	-9.30	-9331.16	6040.53	9.978e+05
		9.407e+05	4119.46	-1.09e-04	0.0	102.1	4.811e+04	-1143.17	-9.30	-9331.16	4119.46	9.407e+05
227	366	8.287e+05	4594.06	0.01	-612.50	0.0	5.824e+04	-487.49	-5.28	-6765.64	4214.78	8.287e+05
		7.795e+05	4214.78	-1.15e-04	0.0	102.1	5.824e+04	-1099.99	-5.28	-6765.64	4594.06	7.795e+05
227	387	9.491e+05	7294.09	0.01	-612.50	0.0	5.005e+04	-460.32	-4.71	-9992.87	7294.09	9.491e+05
		8.935e+05	5940.30	1.39e-04	0.0	102.1	5.005e+04	-1072.82	-4.71	-9992.87	5940.30	8.935e+05
227	388	9.252e+05	2948.39	0.01	-612.50	0.0	5.395e+04	-570.96	-11.45	-6747.33	2948.39	9.252e+05
		8.738e+05	2138.52	-1.83e-04	0.0	102.1	5.395e+04	-1183.46	-11.45	-6747.33	2138.52	8.738e+05
228	49	2.602e+06	6994.62	-0.28	-745.88	0.0	1.022e+05	2.145e+04	-153.98	-1.275e+05	6994.62	1.383e+06
		1.383e+06	-7184.09	3.60e-03	0.0	92.1	1.022e+05	2.070e+04	-153.98	-1.275e+05	-7184.09	2.602e+06
228	50	2.350e+06	3771.05	-0.25	-552.50	0.0	8.925e+04	1.930e+04	-139.31	-1.286e+05	3771.05	1.251e+06
		1.251e+06	-9056.67	3.40e-03	0.0	92.1	8.925e+04	1.875e+04	-139.31	-1.286e+05	-9056.67	2.350e+06
228	76	6.422e+05	4231.06	-0.07	-552.50	0.0	3.802e+04	6212.88	-43.17	-2.204e+04	4231.06	2.964e+05
		2.964e+05	255.77	7.05e-04	0.0	92.1	3.802e+04	5660.38	-43.17	-2.204e+04	255.77	6.422e+05
228	126	6.371e+05	3986.02	-0.06	-552.50	0.0	3.169e+04	5502.57	-30.24	-2219.74	3986.02	3.350e+05
		3.350e+05	1201.75	7.18e-04	0.0	92.1	3.169e+04	4950.07	-30.24	-2219.74	1201.75	6.371e+05
228	191	9.044e+05	1.043e+04	-0.09	-745.88	0.0	5.084e+04	8395.18	52.08	-1.973e+04	9898.22	4.394e+05
		4.394e+05	4073.23	7.37e-04	-230.67	92.1	5.084e+04	7649.30	-178.59	-1.973e+04	4073.23	9.044e+05
228	231	1.768e+06	5059.94	-0.19	-552.50	0.0	6.772e+04	1.453e+04	-90.83	-5.600e+04	5059.94	9.442e+05
		9.442e+05	-3303.52	2.26e-03	0.0	92.1	6.772e+04	1.398e+04	-90.83	-5.600e+04	-3303.52	1.768e+06
228	243	5.779e+05	5653.41	-0.06	-552.50	0.0	3.494e+04	5627.87	-33.06	128.22	5653.41	2.648e+05
		2.648e+05	2609.19	3.68e-04	0.0	92.1	3.494e+04	5075.37	-33.06	128.22	2609.19	5.779e+05
228	269	6.556e+05	5266.82	-0.07	-552.50	0.0	3.296e+04	5652.30	-32.74	-864.87	5266.82	3.442e+05
		3.442e+05	2251.95	6.51e-04	0.0	92.1	3.296e+04	5099.80	-32.74	-864.87	2251.95	6.556e+05
228	302	6.040e+05	7615.66	-0.06	-552.50	0.0	3.439e+04	5661.86	39.85	673.61	7140.86	2.916e+05
		2.916e+05	3729.88	3.73e-04	-153.78	92.1	3.439e+04	5109.36	-113.93	673.61	3729.88	6.040e+05
228	309	6.502e+05	5666.71	-0.06	-552.50	0.0	3.318e+04	5656.40	-31.30	-85.71	5666.71	3.369e+05
		3.369e+05	2784.17	4.31e-04	0.0	92.1	3.318e+04	5103.90	-31.30	-85.71	2784.17	6.502e+05
228	313	5.952e+05	6626.14	-0.06	-552.50	0.0	3.433e+04	5629.97	-33.86	571.97	6626.14	2.837e+05
		2.837e+05	3507.77	2.51e-04	0.0	92.1	3.433e+04	5077.47	-33.86	571.97	3507.77	5.952e+05
228	316	1.485e+06	5499.71	-0.16	-552.50	0.0	5.917e+04	1.230e+04	-75.23	-4.175e+04	5499.71	7.879e+05
		7.879e+05	-1427.67	1.67e-03	0.0	92.1	5.917e+04	1.175e+04	-75.23	-4.175e+04	-1427.67	1.485e+06
228	319	5.922e+05	5944.81	-0.06	-552.50	0.0	3.458e+04	5628.22	-31.91	339.72	5944.81	2.784e+05
		2.784e+05	3006.86	2.51e-04	0.0	92.1	3.458e+04	5075.72	-31.91	339.72	3006.86	5.922e+05
228	324	6.502e+05	5666.71	-0.06	-552.50	0.0	3.318e+04	5656.40	-31.30	-85.71	5666.71	3.369e+05
		3.369e+05	2784.17	4.31e-04	0.0	92.1	3.318e+04	5103.90	-31.30	-85.71	2784.17	6.502e+05
228	326	5.317e+05	5031.63	-0.05	-552.50	0.0	3.992e+04	5151.13	-26.69	-2834.55	5031.63	2.448e+05
		2.448e+05	3495.37	8.78e-04	0.0	92.1	3.992e+04	4598.63	-26.69	-2834.55	3495.37	5.317e+05
228	327	7.687e+05	6301.80	-0.08	-552.50	0.0	2.645e+04	6161.66	-35.92	2663.13	6301.80	4.289e+05
		4.289e+05	2072.97	-8.96e-05	0.0	92.1	2.645e+04	5609.16	-35.92	2663.13	2072.97	7.687e+05
228	330	5.343e+05	4869.07	-0.05	-552.50	0.0	3.998e+04	5166.02	-27.34	-3097.69	4869.07	2.449e+05
		2.449e+05	3104.07	1.05e-03	0.0	92.1	3.998e+04	4613.52	-27.34	-3097.69	3104.07	5.343e+05
228	331	7.661e+05	6464.36	-0.08	-552.50	0.0	2.638e+04	6146.77	-35.27	2926.27	6464.36	4.289e+05
		4.289e+05	2464.28	-1.98e-04	0.0	92.1	2.638e+04	5594.27	-35.27	2926.27	2464.28	7.661e+05

228	351	6.951e+05	7052.34	-0.07	-552.50	0.0	2.922e+04	5683.80	-21.11	3963.86	7052.34	3.781e+05
		3.781e+05	4713.52	-1.52e-03	0.0	92.1	2.922e+04	5131.30	-21.11	3963.86	4713.52	6.951e+05
228	356	6.728e+05	4520.93	-0.06	-552.50	0.0	3.348e+04	5945.85	-46.07	-2965.60	4520.93	3.479e+05
		3.479e+05	259.84	2.36e-03	0.0	92.1	3.348e+04	5393.35	-46.07	-2965.60	259.84	6.728e+05
228	358	5.880e+05	5346.68	-0.06	-552.50	0.0	3.656e+04	5398.62	-28.62	-1423.51	5346.68	2.889e+05
		2.889e+05	3140.10	5.92e-04	0.0	92.1	3.656e+04	4846.12	-28.62	-1423.51	3140.10	5.880e+05
228	359	7.124e+05	5986.75	-0.07	-552.50	0.0	2.981e+04	5914.17	-33.99	1252.09	5986.75	3.848e+05
		3.848e+05	2428.25	2.70e-04	0.0	92.1	2.981e+04	5361.67	-33.99	1252.09	2428.25	7.124e+05
228	362	5.907e+05	5265.77	-0.06	-552.50	0.0	3.661e+04	5405.96	-29.27	-1615.64	5265.77	2.900e+05
		2.900e+05	2954.13	7.36e-04	0.0	92.1	3.661e+04	4853.46	-29.27	-1615.64	2954.13	5.907e+05
228	363	7.098e+05	6067.66	-0.07	-552.50	0.0	2.975e+04	5906.84	-33.34	1444.23	6067.66	3.838e+05
		3.838e+05	2614.22	1.26e-04	0.0	92.1	2.975e+04	5354.34	-33.34	1444.23	2614.22	7.098e+05
228	383	6.731e+05	6355.66	-0.07	-552.50	0.0	3.120e+04	5671.97	-26.27	1952.55	6355.66	3.577e+05
		3.577e+05	3739.89	-5.38e-04	0.0	92.1	3.120e+04	5119.47	-26.27	1952.55	3739.89	6.731e+05
228	388	6.620e+05	5100.12	-0.06	-552.50	0.0	3.331e+04	5802.36	-38.65	-1526.20	5100.12	3.427e+05
		3.427e+05	1526.03	1.39e-03	0.0	92.1	3.331e+04	5249.86	-38.65	-1526.20	1526.03	6.620e+05
229	126	8.879e+05	-2077.25	0.01	-612.50	0.0	4.977e+04	-376.94	5.00	2303.27	-2587.47	8.879e+05
		8.439e+05	-2587.47	8.95e-05	0.0	102.1	4.977e+04	-989.44	5.00	2303.27	-2077.25	8.439e+05
229	149	4.564e+06	-3.364e+04	0.06	-826.88	0.0	2.194e+05	-5680.60	175.41	7.133e+04	-5.154e+04	4.564e+06
		4.154e+06	-5.154e+04	7.99e-04	0.0	102.1	2.194e+05	-6507.48	175.41	7.133e+04	-3.364e+04	4.154e+06
229	187	4.566e+06	-3.336e+04	0.06	-826.88	0.0	2.195e+05	-5675.76	175.73	7.130e+04	-5.130e+04	4.566e+06
		4.156e+06	-5.130e+04	7.82e-04	0.0	102.1	2.195e+05	-6502.64	175.73	7.130e+04	-3.336e+04	4.156e+06
229	206	8.665e+05	-1072.81	0.01	-612.50	0.0	5.054e+04	-377.57	4.47	2193.30	-1529.22	8.665e+05
		8.225e+05	-1529.22	2.35e-05	0.0	102.1	5.054e+04	-990.07	4.47	2193.30	-1072.81	8.225e+05
229	231	8.165e+05	-845.24	0.01	-612.50	0.0	5.381e+04	-382.84	6.08	2885.11	-1465.93	8.165e+05
		7.731e+05	-1465.93	-4.17e-05	0.0	102.1	5.381e+04	-995.34	6.08	2885.11	-845.24	7.731e+05
229	269	9.028e+05	-1565.64	0.01	-612.50	0.0	5.134e+04	-381.57	4.77	2107.47	-2052.74	9.028e+05
		8.588e+05	-2052.74	6.64e-05	0.0	102.1	5.134e+04	-994.07	4.77	2107.47	-1565.64	8.588e+05
229	281	3.047e+06	-2.004e+04	0.04	-612.50	0.0	1.431e+05	-3962.29	117.05	4.476e+04	-3.199e+04	3.047e+06
		2.760e+06	-3.199e+04	5.26e-04	0.0	102.1	1.431e+05	-4574.79	117.05	4.476e+04	-2.004e+04	2.760e+06
229	300	3.049e+06	-1.986e+04	0.04	-612.50	0.0	1.432e+05	-3959.06	117.27	4.474e+04	-3.183e+04	3.049e+06
		2.762e+06	-3.183e+04	5.15e-04	0.0	102.1	1.432e+05	-4571.56	117.27	4.474e+04	-1.986e+04	2.762e+06
229	309	8.885e+05	-898.63	0.01	-612.50	0.0	5.186e+04	-381.99	4.42	2034.32	-1349.97	8.885e+05
		8.445e+05	-1349.97	2.27e-05	0.0	102.1	5.186e+04	-994.49	4.42	2034.32	-898.63	8.445e+05
229	313	2.500e+06	-1.476e+04	0.03	-612.50	0.0	1.206e+05	-3067.54	88.64	3.402e+04	-2.380e+04	2.500e+06
		2.273e+06	-2.380e+04	3.72e-04	0.0	102.1	1.206e+05	-3680.04	88.64	3.402e+04	-1.476e+04	2.273e+06
229	316	8.260e+05	-418.21	0.01	-612.50	0.0	5.358e+04	-382.96	5.46	2648.50	-975.62	8.260e+05
		7.825e+05	-975.62	-6.53e-05	0.0	102.1	5.358e+04	-995.46	5.46	2648.50	-418.21	7.825e+05
229	324	8.885e+05	-898.63	0.01	-612.50	0.0	5.186e+04	-381.99	4.42	2034.32	-1349.97	8.885e+05
		8.445e+05	-1349.97	2.27e-05	0.0	102.1	5.186e+04	-994.49	4.42	2034.32	-898.63	8.445e+05
229	325	5.910e+05	-1264.45	7.99e-03	-612.50	0.0	6.804e+04	-535.53	10.60	3655.57	-2288.13	5.910e+05
		5.594e+05	-2288.13	-1.01e-04	0.0	102.1	6.804e+04	-1148.03	10.60	3655.57	-1264.45	5.594e+05
229	326	5.863e+05	-2013.12	8.00e-03	-612.50	0.0	6.762e+04	-515.33	9.40	3912.68	-2978.90	5.863e+05
		5.531e+05	-2978.90	1.04e-04	0.0	102.1	6.762e+04	-1127.83	9.40	3912.68	-2013.12	5.531e+05
229	327	1.191e+06	278.97	0.02	-612.50	0.0	3.609e+04	-248.65	-0.56	155.97	278.97	1.191e+06
		1.136e+06	215.85	-9.70e-05	0.0	102.1	3.609e+04	-861.15	-0.56	155.97	215.85	1.136e+06
229	328	1.186e+06	-411.81	0.02	-612.50	0.0	3.567e+04	-228.45	-1.76	413.07	-411.81	1.186e+06
		1.130e+06	-532.82	8.24e-05	0.0	102.1	3.567e+04	-840.95	-1.76	413.07	-532.82	1.130e+06
229	350	7.916e+05	-4617.24	0.01	-612.50	0.0	5.600e+04	-406.28	3.49	3011.78	-4604.01	7.916e+05
		7.510e+05	-4204.01	3.96e-04	0.0	102.1	5.600e+04	-1018.78	3.49	3011.78	-4217.24	7.510e+05
229	351	9.854e+05	2419.97	0.01	-612.50	0.0	4.771e+04	-357.71	5.35	1056.86	1904.08	9.854e+05
		9.381e+05	1904.08	-4.14e-04	0.0	102.1	4.771e+04	-970.21	5.35	1056.86	2419.97	9.381e+05
229	361	7.353e+05	-814.15	9.86e-03	-612.50	0.0	6.007e+04	-457.38	7.64	2855.29	-1575.95	7.353e+05
		6.973e+05	-1575.95	-7.04e-05	0.0	102.1	6.007e+04	-1069.88	7.64	2855.29	-814.15	6.973e+05
229	362	7.333e+05	-1734.25	9.86e-03	-612.50	0.0	5.988e+04	-451.80	6.87	2990.35	-2428.46	7.333e+05
		6.952e+05	-2428.46	7.77e-05	0.0	102.1	5.988e+04	-1064.30	6.87	2990.35	-1734.25	6.952e+05
229	363	1.044e+06	-63.01	0.01	-612.50	0.0	4.384e+04	-312.18	1.98	1078.29	-271.47	1.044e+06
		9.939e+05	-271.47	-6.89e-05	0.0	102.1	4.384e+04	-924.68	1.98	1078.29	-63.01	9.939e+05
229	364	1.042e+06	-983.11	0.01	-612.50	0.0	4.364e+04	-306.61	1.20	1213.35	-1123.99	1.042e+06
		9.917e+05	-1123.99	5.77e-05	0.0	102.1	4.364e+04	-919.11	1.20	1213.35	-983.11	9.917e+05
229	382	8.388e+05	-2544.80	0.01	-612.50	0.0	5.397e+04	-394.48	3.98	2525.97	-2966.49	8.388e+05
		7.965e+05	-2966.49	1.96e-04	0.0	102.1	5.397e+04	-1006.98	3.98	2525.97	-2544.80	7.965e+05
229	383	9.382e+05	747.54	0.01	-612.50	0.0	4.974e+04	-369.51	4.86	1542.67	266.56	9.382e+05
		8.925e+05	266.56	-2.10e-04	0.0	102.1	4.974e+04	-982.01	4.86	1542.67	747.54	8.925e+05
230	25	1.862e+06	-1929.67	0.34	-745.88	0.0	9.712e+04	-2.448e+04	67.31	1.447e+05	-8127.71	1.862e+06
		3.508e+05	-8127.71	-1.75e-03	0.0	92.1	9.712e+04	-2.523e+04	67.31	1.447e+05	-1929.67	3.508e+05
230	50	5.374e+05	-3170.74	0.10	-552.50	0.0	4.497e+04	-9293.10	-1.13	5.821e+04	-3170.74	5.374e+05
		-6.102e+04	-3274.41	5.40e-05	0.0	92.1	4.497e+04	-9845.60	-1.13	5.821e+04	-6.102e+04	
230	126	4.382e+05	-1539.66	0.07	-552.50	0.0	2.741e+04	-6064.15	-20.88	962.24	-1539.66	4.382e+05
		4.881e+04	-3462.36	-2.21e-04	0.0	92.1	2.741e+04	-6616.65	-20.88	962.24	-3462.36	4.881e+04
230	150	1.703e+06	17.60	0.31	-552.50	0.0	8.619e+04	-2.210e+04	87.53	1.473e+05	-8042.17	1.703e+06
		3.451e+05	-8042.17	-1.82e-03	0.0	92.1	8.619e+04	-2.265e+04	87.53	1.473e+05	17.60	3.451e+05
230	187	1.861e+06	-2164.14	0.34	-745.88	0.0	9.712e+04	-2.449e+04	64.90	1.437e+05	-8139.84	1.861e+06
		3.502e+05	-8139.84	-1.70e-03	0.0	92.1	9.712e+04	-2.523e+04	64.90	1.437e+05	-2164.14	3.502e+05
230	197	1.294e+06	-1.899e+04	0.17	-745.88	0.0	7.208e+04	-1.355e+04	-64.33	7.272e+04	-1.899e+04	1.294e+06
		4.591e+05	-2.491e+04	-8.49e-04	0.0	92.1	7.208e+04	-1.430e+04	-64.33	7.272e+04	-2.491e+04	4.591e+05
230	219	1.220e+06	-1908.17	0.22	-552.50	0.0	6.125e+04	-1.573e+04	13.46	6.144e+04	-3148.00	1.220e+06

		2.499e+05	-3148.00	-9.98e-04	0.0	92.1	6.125e+04	-1.629e+04	13.46	6.144e+04	-1908.17	2.499e+05
230	231	3.560e+05	443.08	0.06	-552.50	0.0	3.068e+04	-6238.47	-50.40	-3981.36	443.08	3.560e+05
		-5.082e+04	-4198.13	3.02e-04	0.0	92.1	3.068e+04	-6790.97	-50.40	-3981.36	-4198.13	-5.082e+04
230	269	4.392e+05	-1178.80	0.07	-552.50	0.0	2.834e+04	-6232.08	-29.75	-578.53	-1178.80	4.392e+05
		3.860e+04	-3917.97	-1.26e-04	0.0	92.1	2.834e+04	-6784.58	-29.75	-578.53	-3917.97	3.860e+04
230	300	1.219e+06	-2064.48	0.22	-552.50	0.0	6.125e+04	-1.574e+04	11.85	6.074e+04	-3156.09	1.219e+06
		2.495e+05	-3156.09	-9.63e-04	0.0	92.1	6.125e+04	-1.629e+04	11.85	6.074e+04	-2064.48	2.495e+05
230	305	7.990e+05	-1.119e+04	0.10	-552.50	0.0	4.270e+04	-7636.11	-83.87	8189.96	-1.119e+04	7.990e+05
		3.301e+05	-1.891e+04	-3.32e-04	0.0	92.1	4.270e+04	-8188.61	-83.87	8189.96	-1.891e+04	3.301e+05
230	310	4.233e+05	-1094.06	0.07	-552.50	0.0	2.883e+04	-6241.17	-35.53	-943.61	-1094.06	4.233e+05
		2.093e+04	-4366.23	-7.19e-05	0.0	92.1	2.883e+04	-6793.67	-35.53	-943.61	-4366.23	2.093e+04
230	313	1.011e+06	-2198.77	0.18	-552.50	0.0	5.340e+04	-1.336e+04	-7.66	4.561e+04	-2198.77	1.011e+06
		1.822e+05	-2904.55	-6.15e-04	0.0	92.1	5.340e+04	-1.391e+04	-7.66	4.561e+04	-2904.55	1.822e+05
230	314	6.959e+05	-8224.32	0.09	-552.50	0.0	3.949e+04	-7286.91	-79.46	6198.17	-8224.32	6.959e+05
		2.428e+05	-1.554e+04	1.63e-04	0.0	92.1	3.949e+04	-7839.41	-79.46	6198.17	-1.554e+04	2.428e+05
230	316	3.635e+05	494.54	0.07	-552.50	0.0	3.048e+04	-6240.19	-55.56	-3456.25	494.54	3.635e+05
		-4.327e+04	-4622.02	3.60e-04	0.0	92.1	3.048e+04	-6792.69	-55.56	-3456.25	-4622.02	-4.327e+04
230	324	4.231e+05	-697.18	0.07	-552.50	0.0	2.883e+04	-6241.65	-42.07	-1265.09	-697.18	4.231e+05
		2.039e+04	-4571.16	9.46e-05	0.0	92.1	2.883e+04	-6794.15	-42.07	-1265.09	-4571.16	2.039e+04
230	325	2.690e+05	1029.68	0.05	-552.50	0.0	3.625e+04	-7301.43	-74.88	-1401.03	1029.68	2.690e+05
		-8.608e+04	-6084.65	5.06e-04	0.0	92.1	3.625e+04	-7853.93	-74.88	-1401.03	-6084.65	-8.608e+04
230	328	5.772e+05	-2424.04	0.10	-552.50	0.0	2.141e+04	-5181.86	-9.26	-1129.15	-2424.04	5.772e+05
		1.269e+05	-3057.67	-3.71e-04	0.0	92.1	2.141e+04	-5734.36	-9.26	-1129.15	-3057.67	1.269e+05
230	329	2.692e+05	1317.86	0.05	-552.50	0.0	3.630e+04	-7294.16	-76.57	-1612.91	1317.86	2.692e+05
		-8.607e+04	-5426.93	6.31e-04	0.0	92.1	3.630e+04	-7846.66	-76.57	-1612.91	-5426.93	-8.607e+04
230	330	2.718e+05	283.67	0.05	-552.50	0.0	3.601e+04	-7276.37	-65.72	125.00	283.67	2.718e+05
		-8.210e+04	-6106.08	2.19e-04	0.0	92.1	3.601e+04	-7828.87	-65.72	125.00	-6106.08	-8.210e+04
230	332	5.770e+05	-2712.22	0.10	-552.50	0.0	2.137e+04	-5189.14	-7.57	-917.27	-2712.22	5.770e+05
		1.269e+05	-3715.40	-4.96e-04	0.0	92.1	2.137e+04	-5741.64	-7.57	-917.27	-3715.40	1.269e+05
230	353	3.730e+05	1500.11	0.06	-552.50	0.0	3.150e+04	-6584.00	-68.84	-4010.19	1500.11	3.730e+05
		-1.751e+04	-3772.14	8.23e-04	0.0	92.1	3.150e+04	-7136.50	-68.84	-4010.19	-3772.14	-1.751e+04
230	361	3.439e+05	312.68	0.06	-552.50	0.0	3.261e+04	-6779.10	-59.37	-1430.67	312.68	3.439e+05
		-3.357e+04	-5002.21	3.49e-04	0.0	92.1	3.261e+04	-7331.60	-59.37	-1430.67	-5002.21	-3.357e+04
230	362	3.452e+05	-199.66	0.06	-552.50	0.0	3.246e+04	-6770.27	-53.98	-565.18	-199.66	3.452e+05
		-3.159e+04	-5338.99	1.55e-04	0.0	92.1	3.246e+04	-7322.77	-53.98	-565.18	-5338.99	-3.159e+04
230	364	5.022e+05	-1707.04	0.08	-552.50	0.0	2.506e+04	-5704.19	-24.77	-1099.51	-1707.04	5.022e+05
		7.435e+04	-4140.11	-2.14e-04	0.0	92.1	2.506e+04	-6256.69	-24.77	-1099.51	-4140.11	7.435e+04
230	385	3.974e+05	394.96	0.07	-552.50	0.0	3.018e+04	-6416.10	-55.41	-2631.06	394.96	3.974e+05
		1240.41	-4176.78	4.41e-04	0.0	92.1	3.018e+04	-6968.60	-55.41	-2631.06	-4176.78	1240.41
231	34	1.806e+06	-4433.75	0.02	-612.50	0.0	9.906e+04	237.09	-5.46	-422.16	-4433.75	1.801e+06
		1.795e+06	-4990.94	8.38e-05	0.0	102.1	9.906e+04	-375.41	-5.46	-422.16	-4990.94	1.795e+06
231	149	5.072e+06	1.254e+04	0.07	-826.88	0.0	2.439e+05	-6946.72	-100.94	-2.745e+04	1.254e+04	5.072e+06
		4.578e+06	2233.71	-1.98e-04	0.0	102.1	2.439e+05	-7773.59	-100.94	-2.745e+04	2233.71	4.578e+06
231	164	8.903e+05	739.58	0.01	-612.50	0.0	4.975e+04	-378.32	-4.23	-2191.11	739.58	8.903e+05
		8.462e+05	307.46	6.92e-05	0.0	102.1	4.975e+04	-990.82	-4.23	-2191.11	307.46	8.462e+05
231	187	5.069e+06	1.278e+04	0.07	-826.88	0.0	2.438e+05	-6951.56	-100.62	-2.748e+04	1.278e+04	5.069e+06
		4.576e+06	2511.96	-2.17e-04	0.0	102.1	2.438e+05	-7778.43	-100.62	-2.748e+04	2511.96	4.576e+06
231	206	8.665e+05	1529.22	0.01	-612.50	0.0	5.054e+04	-377.57	-4.47	-2193.30	1529.22	8.665e+05
		8.225e+05	1072.81	-2.35e-05	0.0	102.1	5.054e+04	-990.07	-4.47	-2193.30	1072.81	8.225e+05
231	231	8.131e+05	1215.46	0.01	-612.50	0.0	5.416e+04	-379.22	-2.54	-1269.66	1215.46	8.131e+05
		7.687e+05	956.37	-4.32e-05	0.0	102.1	5.416e+04	-991.72	-2.54	-1269.66	956.37	7.687e+05
231	270	1.304e+06	-2440.70	0.02	-612.50	0.0	7.912e+04	-845.59	0.03	1801.74	-2443.85	1.304e+06
		1.230e+06	-2443.85	-5.26e-05	0.0	102.1	7.912e+04	-1458.09	0.03	1801.74	-2440.70	1.230e+06
231	281	3.296e+06	1.248e+04	0.04	-612.50	0.0	1.545e+05	-4679.21	-79.19	-2.419e+04	1.248e+04	3.296e+06
		2.962e+06	4401.27	-1.71e-04	0.0	102.1	1.545e+05	-5291.71	-79.19	-2.419e+04	4401.27	2.962e+06
231	288	9.044e+05	826.27	0.01	-612.50	0.0	5.133e+04	-382.48	-4.26	-2033.03	826.27	9.044e+05
		8.604e+05	391.01	4.39e-05	0.0	102.1	5.133e+04	-994.98	-4.26	-2033.03	391.01	8.604e+05
231	300	3.295e+06	1.265e+04	0.04	-612.50	0.0	1.545e+05	-4682.44	-78.97	-2.421e+04	1.265e+04	3.295e+06
		2.961e+06	4586.77	-1.82e-04	0.0	102.1	1.545e+05	-5294.94	-78.97	-2.421e+04	4586.77	2.961e+06
231	310	8.893e+05	736.73	0.01	-612.50	0.0	5.185e+04	-382.45	-4.17	-1997.10	736.73	8.893e+05
		8.453e+05	311.31	5.21e-05	0.0	102.1	5.185e+04	-994.95	-4.17	-1997.10	311.31	8.453e+05
231	311	1.031e+06	104.88	0.01	-612.50	0.0	6.344e+04	-568.53	-2.59	-515.39	104.88	1.031e+06
		9.745e+05	-159.46	-3.66e-05	0.0	102.1	6.344e+04	-1181.03	-2.59	-515.39	-159.46	9.745e+05
231	313	2.685e+06	1.022e+04	0.04	-612.50	0.0	1.291e+05	-3606.96	-60.46	-1.867e+04	1.022e+04	2.685e+06
		2.423e+06	4045.42	-1.63e-04	0.0	102.1	1.291e+05	-4219.46	-60.46	-1.867e+04	4045.42	2.423e+06
231	316	8.222e+05	1707.62	0.01	-612.50	0.0	5.385e+04	-379.56	-3.18	-1492.74	1707.62	8.222e+05
		7.780e+05	1382.53	-6.79e-05	0.0	102.1	5.385e+04	-992.06	-3.18	-1492.74	1382.53	7.780e+05
231	324	8.885e+05	1349.97	0.01	-612.50	0.0	5.186e+04	-381.99	-4.42	-2034.32	1349.97	8.885e+05
		8.445e+05	898.63	-2.27e-05	0.0	102.1	5.186e+04	-994.49	-4.42	-2034.32	898.63	8.445e+05
231	333	5.868e+05	2999.71	8.06e-03	-612.50	0.0	6.770e+04	-516.36	-8.95	-3826.97	2999.71	5.868e+05
		5.539e+05	2088.41	-1.05e-04	0.0	102.1	6.770e+04	-1128.86	-8.95	-3826.97	2088.41	5.539e+05
231	338	5.907e+05	1772.82	7.99e-03	-612.50	0.0	6.802e+04	-531.06	-10.78	-3648.37	1772.82	5.907e+05
		5.584e+05	709.81	1.33e-04	0.0	102.1	6.802e+04	-1143.56	-10.78	-3648.37	709.81	5.584e+05
231	339	1.186e+06	1087.45	0.02	-612.50	0.0	3.569e+04	-232.93	1.94	-420.27	1087.45	1.186e+06
		1.131e+06	927.12	-1.14e-04	0.0	102.1	3.569e+04	-845.43	1.94	-420.27	927.12	1.131e+06
231	340	1.190e+06	-770.49	0.02	-612.50	0.0	3.608e+04	-244.18	0.38	-148.76	-794.28	1.190e+06
		1.135e+06	-794.28	1.29e-04	0.0	102.1	3.608e+04	-856.68	0.38	-148.76	-770.49	1.135e+06

231	353	7.916e+05	4604.02	0.01	-612.50	0.0	5.600e+04	-406.27	-3.49	-3011.79	4604.02	7.916e+05
		7.510e+05	4217.25	-3.96e-04	0.0	102.1	5.600e+04	-1018.77	-3.49	-3011.79	4217.25	7.510e+05
231	356	9.854e+05	-1904.08	0.01	-612.50	0.0	4.771e+04	-357.71	-5.35	-1056.86	-1904.08	9.854e+05
		9.381e+05	-2419.99	4.14e-04	0.0	102.1	4.771e+04	-970.21	-5.35	-1056.86	-2419.99	9.381e+05
231	369	7.333e+05	2428.46	9.86e-03	-612.50	0.0	5.988e+04	-451.80	-6.87	-2990.35	2428.46	7.333e+05
		6.952e+05	1734.25	-7.77e-05	0.0	102.1	5.988e+04	-1064.30	-6.87	-2990.35	1734.25	6.952e+05
231	370	7.353e+05	1575.95	9.86e-03	-612.50	0.0	6.007e+04	-457.38	-7.64	-2855.29	1575.95	7.353e+05
		6.973e+05	814.15	7.04e-05	0.0	102.1	6.007e+04	-1069.88	-7.64	-2855.29	814.15	6.973e+05
231	371	1.042e+06	1123.99	0.01	-612.50	0.0	4.364e+04	-306.60	-1.20	-1213.35	1123.99	1.042e+06
		9.917e+05	983.12	-5.77e-05	0.0	102.1	4.364e+04	-919.10	-1.20	-1213.35	983.12	9.917e+05
231	372	1.044e+06	271.47	0.01	-612.50	0.0	4.384e+04	-312.18	-1.98	-1078.29	271.47	1.044e+06
		9.939e+05	63.01	6.89e-05	0.0	102.1	4.384e+04	-924.68	-1.98	-1078.29	63.01	9.939e+05
231	385	8.388e+05	2966.49	0.01	-612.50	0.0	5.397e+04	-394.48	-3.98	-2525.97	2966.49	8.388e+05
		7.965e+05	2544.81	-1.96e-04	0.0	102.1	5.397e+04	-1006.98	-3.98	-2525.97	2544.81	7.965e+05
231	388	9.382e+05	-266.56	0.01	-612.50	0.0	4.974e+04	-369.51	-4.86	-1542.67	-266.56	9.382e+05
		8.925e+05	-747.54	2.10e-04	0.0	102.1	4.974e+04	-982.01	-4.86	-1542.67	-747.54	8.925e+05
232	25	2.034e+06	1.792e+04	0.37	-745.88	0.0	1.074e+05	-2.711e+04	231.03	1.490e+05	-3358.27	2.034e+06
		3.697e+05	-3358.27	-1.45e-03	0.0	92.1	1.074e+05	-2.785e+04	231.03	1.490e+05	1.792e+04	3.697e+05
232	26	1.875e+06	1.617e+04	0.34	-552.50	0.0	9.653e+04	-2.474e+04	213.25	1.471e+05	-3467.28	1.875e+06
		3.639e+05	-3467.28	-1.43e-03	0.0	92.1	9.653e+04	-2.529e+04	213.25	1.471e+05	1.617e+04	3.639e+05
232	33	1.451e+06	3.240e+04	0.19	-745.88	0.0	8.086e+04	-1.469e+04	264.64	7.691e+04	8030.22	1.451e+06
		5.557e+05	8030.22	-9.63e-04	0.0	92.1	8.086e+04	-1.543e+04	264.64	7.691e+04	3.240e+04	5.557e+05
232	50	6.135e+05	1.535e+04	0.11	-552.50	0.0	5.126e+04	-1.060e+04	160.23	4.878e+04	599.25	6.135e+05
		-6.569e+04	599.25	-5.52e-04	0.0	92.1	5.126e+04	-1.115e+04	160.23	4.878e+04	1.535e+04	-6.569e+04
232	149	2.033e+06	1.815e+04	0.37	-745.88	0.0	1.074e+05	-2.711e+04	233.45	1.500e+05	-3346.14	2.033e+06
		3.691e+05	-3346.14	-1.50e-03	0.0	92.1	1.074e+05	-2.786e+04	233.45	1.500e+05	1.815e+04	3.691e+05
232	164	4.375e+05	4079.88	0.07	-552.50	0.0	2.742e+04	-6065.58	40.57	6.48	343.72	4.375e+05
		4.718e+04	343.72	-1.99e-04	0.0	92.1	2.742e+04	-6618.08	40.57	6.48	4079.88	4.718e+04
232	219	1.277e+06	8377.64	0.24	-552.50	0.0	6.470e+04	-1.673e+04	110.98	6.999e+04	-1841.63	1.277e+06
		2.498e+05	-1841.63	-6.99e-04	0.0	92.1	6.470e+04	-1.728e+04	110.98	6.999e+04	8377.64	2.498e+05
232	223	8.450e+05	1.911e+04	0.10	-552.50	0.0	4.502e+04	-7527.10	135.87	1.661e+04	6594.29	8.450e+05
		3.876e+05	6594.29	-4.03e-04	0.0	92.1	4.502e+04	-8079.60	135.87	1.661e+04	1.911e+04	3.876e+05
232	231	3.420e+05	7773.48	0.06	-552.50	0.0	3.116e+04	-6256.71	71.71	-2881.90	1170.62	3.420e+05
		-6.835e+04	1170.62	-1.09e-04	0.0	92.1	3.116e+04	-6809.21	71.71	-2881.90	7773.48	-6.835e+04
232	281	1.276e+06	8533.95	0.24	-552.50	0.0	6.470e+04	-1.673e+04	112.59	7.069e+04	-1833.54	1.276e+06
		2.494e+05	-1833.54	-7.34e-04	0.0	92.1	6.470e+04	-1.728e+04	112.59	7.069e+04	8533.95	2.494e+05
232	288	4.387e+05	4327.83	0.07	-552.50	0.0	2.835e+04	-6233.03	42.82	1221.48	385.04	4.387e+05
		3.752e+04	385.04	-1.58e-04	0.0	92.1	2.835e+04	-6785.53	42.82	1221.48	4327.83	3.752e+04
232	309	4.231e+05	4571.16	0.07	-552.50	0.0	2.883e+04	-6241.65	42.07	1265.09	697.18	4.231e+05
		2.039e+04	697.18	-9.46e-05	0.0	92.1	2.883e+04	-6794.15	42.07	1265.09	4571.16	2.039e+04
232	313	1.054e+06	7449.26	0.19	-552.50	0.0	5.598e+04	-1.411e+04	91.19	5.248e+04	-948.13	1.054e+06
		1.830e+05	-948.13	-4.49e-04	0.0	92.1	5.598e+04	-1.466e+04	91.19	5.248e+04	7449.26	1.830e+05
232	314	7.305e+05	1.550e+04	0.09	-552.50	0.0	4.123e+04	-7205.95	109.86	1.244e+04	5378.81	7.305e+05
		2.864e+05	5378.81	-2.70e-04	0.0	92.1	4.123e+04	-7758.45	109.86	1.244e+04	1.550e+04	2.864e+05
232	316	3.533e+05	6996.14	0.06	-552.50	0.0	3.083e+04	-6253.16	61.74	-2173.41	1311.05	3.533e+05
		-5.561e+04	1311.05	-5.66e-05	0.0	92.1	3.083e+04	-6805.66	61.74	-2173.41	6996.14	-5.561e+04
232	324	4.231e+05	4571.16	0.07	-552.50	0.0	2.883e+04	-6241.65	42.07	1265.09	697.18	4.231e+05
		2.039e+04	697.18	-9.46e-05	0.0	92.1	2.883e+04	-6794.15	42.07	1265.09	4571.16	2.039e+04
232	334	2.676e+05	6095.71	0.05	-552.50	0.0	3.623e+04	-7297.01	74.87	1350.51	-1045.94	2.676e+05
		-8.624e+04	-1045.94	-5.05e-04	0.0	92.1	3.623e+04	-7849.51	74.87	1350.51	6095.71	-8.624e+04
232	335	5.786e+05	3046.61	0.10	-552.50	0.0	2.144e+04	-5186.28	9.27	1179.67	2440.30	5.786e+05
		1.270e+05	2440.30	3.70e-04	0.0	92.1	2.144e+04	-5738.78	9.27	1179.67	3046.61	1.270e+05
232	337	2.718e+05	6106.08	0.05	-552.50	0.0	3.601e+04	-7276.37	65.72	-125.00	-283.67	2.718e+05
		-8.210e+04	-283.67	-2.19e-04	0.0	92.1	3.601e+04	-7828.87	65.72	-125.00	6106.08	-8.210e+04
232	338	2.692e+05	5426.93	0.05	-552.50	0.0	3.630e+04	-7294.16	76.57	1612.91	-1317.86	2.692e+05
		-8.607e+04	-1317.86	-6.31e-04	0.0	92.1	3.630e+04	-7846.66	76.57	1612.91	5426.93	-8.607e+04
232	339	5.770e+05	3715.40	0.10	-552.50	0.0	2.137e+04	-5189.14	7.57	917.27	2712.22	5.770e+05
		1.269e+05	2712.22	4.96e-04	0.0	92.1	2.137e+04	-5741.64	7.57	917.27	3715.40	1.269e+05
232	350	3.730e+05	3772.14	0.06	-552.50	0.0	3.150e+04	-6584.00	68.84	4010.19	-1500.11	3.730e+05
		-1.751e+04	-1500.11	-8.23e-04	0.0	92.1	3.150e+04	-7136.50	68.84	4010.19	3772.14	-1.751e+04
232	369	3.452e+05	5338.99	0.06	-552.50	0.0	3.246e+04	-6770.26	53.98	565.17	199.66	3.452e+05
		-3.159e+04	199.66	-1.55e-04	0.0	92.1	3.246e+04	-7322.76	53.98	565.17	5338.99	-3.159e+04
232	370	3.439e+05	5002.21	0.06	-552.50	0.0	3.261e+04	-6779.10	59.37	1430.67	-312.68	3.439e+05
		-3.357e+04	-312.68	-3.49e-04	0.0	92.1	3.261e+04	-7331.60	59.37	1430.67	5002.21	-3.357e+04
232	371	5.022e+05	4140.12	0.08	-552.50	0.0	2.506e+04	-5704.19	24.77	1099.51	1707.05	5.022e+05
		7.435e+04	1707.05	2.14e-04	0.0	92.1	2.506e+04	-6256.69	24.77	1099.51	4140.12	7.435e+04
232	382	3.974e+05	4176.78	0.07	-552.50	0.0	3.018e+04	-6416.10	55.41	2631.06	-394.96	3.974e+05
		1240.53	-394.96	-4.41e-04	0.0	92.1	3.018e+04	-6968.60	55.41	2631.06	4176.78	1240.53
233	149	5.518e+06	-2.903e+04	0.07	-826.87	0.0	2.671e+05	-8013.76	-61.59	5.008e+04	-3.057e+04	5.518e+06
		4.958e+06	-3.183e+04	9.72e-04	153.43	102.1	2.671e+05	-8840.63	91.84	5.008e+04	-2.903e+04	4.958e+06
233	164	9.060e+05	-4087.26	0.01	-612.50	0.0	5.061e+04	-456.94	4.53	6593.29	-4549.24	9.060e+05
		8.569e+05	-4549.24	1.51e-04	0.0	102.1	5.061e+04	-1069.44	4.53	6593.29	-4087.26	8.569e+05
233	206	8.810e+05	-3387.60	0.01	-612.50	0.0	5.157e+04	-456.47	4.33	6579.92	-3829.78	8.810e+05
		8.319e+05	-3829.78	1.03e-04	0.0	102.1	5.157e+04	-1068.97	4.33	6579.92	-3387.60	8.319e+05
233	231	8.311e+05	-4283.22	0.01	-612.50	0.0	5.567e+04	-488.19	8.91	8865.22	-5193.22	8.311e+05
		7.777e+05	-5193.22	1.00e-04	0.0	102.1	5.567e+04	-1100.69	8.91	8865.22	-4283.22	7.777e+05
233	281	3.536e+06	-1.778e+04	0.05	-612.50	0.0	1.660e+05	-5496.73	-38.29	3.172e+04	-1.909e+04	3.536e+06

		3.150e+06	-1.982e+04	6.58e-04	102.29	102.1	1.660e+05	-6109.23	64.00	3.172e+04	-1.778e+04	3.150e+06
233	288	9.282e+05	-4719.35	0.01	-612.50	0.0	5.271e+04	-498.12	7.33	8141.27	-5467.11	9.282e+05
		8.762e+05	-5467.11	1.48e-04	0.0	102.1	5.271e+04	-1110.62	7.33	8141.27	-4719.35	8.762e+05
233	310	9.140e+05	-4809.65	0.01	-612.50	0.0	5.322e+04	-498.07	7.28	8153.54	-5552.43	9.140e+05
		8.620e+05	-5552.43	1.54e-04	0.0	102.1	5.322e+04	-1110.57	7.28	8153.54	-4809.65	8.620e+05
233	313	2.866e+06	-1.367e+04	0.04	-612.50	0.0	1.381e+05	-4244.59	10.50	2.516e+04	-1.474e+04	2.866e+06
		2.564e+06	-1.474e+04	4.62e-04	0.0	102.1	1.381e+05	-4857.09	10.50	2.516e+04	-1.367e+04	2.564e+06
233	316	8.399e+05	-3864.29	0.01	-612.50	0.0	5.543e+04	-490.40	8.46	8658.01	-4727.85	8.399e+05
		7.869e+05	-4727.85	7.97e-05	0.0	102.1	5.543e+04	-1102.90	8.46	8658.01	-3864.29	7.869e+05
233	324	9.115e+05	-4255.37	0.01	-612.50	0.0	5.335e+04	-497.81	7.20	8132.44	-4989.97	9.115e+05
		8.595e+05	-4989.97	1.18e-04	0.0	102.1	5.335e+04	-1110.31	7.20	8132.44	-4255.37	8.595e+05
233	337	5.923e+05	-2736.41	8.19e-03	-612.50	0.0	7.066e+04	-676.14	-2.10	5311.11	-5908.70	5.923e+05
		5.567e+05	-5908.70	-1.29e-04	0.0	102.1	7.066e+04	-1288.64	-2.10	5311.11	-2602.04	5.567e+05
233	340	1.231e+06	-2602.04	0.02	-612.50	0.0	3.603e+04	-319.48	16.49	1.095e+04	-7243.53	1.231e+06
		1.162e+06	-7243.53	2.04e-04	0.0	102.1	3.603e+04	-931.98	16.49	1.095e+04	-2602.04	1.162e+06
233	351	9.829e+05	-679.19	0.01	-612.50	0.0	5.099e+04	-493.05	13.92	8776.28	-2788.24	9.829e+05
		9.255e+05	-2788.24	-3.89e-04	0.0	102.1	5.099e+04	-1105.55	13.92	8776.28	-679.19	9.255e+05
233	352	1.027e+06	-6330.55	0.01	-612.50	0.0	4.587e+04	-616.20	6.56	9123.62	-8078.12	1.027e+06
		9.705e+05	-8078.12	4.47e-04	0.0	102.1	4.587e+04	-1228.70	6.56	9123.62	-6330.55	9.705e+05
233	369	7.475e+05	-3852.02	0.01	-612.50	0.0	6.214e+04	-588.48	2.47	6689.57	-3852.02	7.475e+05
		7.039e+05	-5107.90	7.98e-05	0.0	102.1	6.214e+04	-1200.98	2.47	6689.57	-5107.90	7.039e+05
233	372	1.076e+06	-3402.84	0.01	-612.50	0.0	4.455e+04	-407.14	11.92	9575.32	-6127.92	1.076e+06
		1.015e+06	-6127.92	1.59e-04	0.0	102.1	4.455e+04	-1019.64	11.92	9575.32	-3402.84	1.015e+06
233	384	9.705e+05	-2737.83	0.01	-612.50	0.0	4.958e+04	-557.18	6.91	8639.10	-6526.05	9.705e+05
		9.162e+05	-6526.05	2.70e-04	0.0	102.1	4.958e+04	-1169.68	6.91	8639.10	-5273.83	9.162e+05
233	387	9.488e+05	-2473.44	0.01	-612.50	0.0	5.209e+04	-437.37	10.60	8468.96	-3903.15	9.488e+05
		8.940e+05	-3903.15	-1.85e-04	0.0	102.1	5.209e+04	-1049.87	10.60	8468.96	-2473.44	8.940e+05
234	50	6.528e+05	-6340.90	0.12	-552.50	0.0	5.621e+04	-1.183e+04	-93.61	5.901e+04	-6340.90	6.528e+05
		-1.142e+05	-1.496e+04	3.63e-04	0.0	92.1	5.621e+04	-1.238e+04	-93.61	5.901e+04	-1.496e+04	-1.142e+05
234	149	2.215e+06	-1.460e+04	0.40	-745.88	0.0	1.181e+05	-3.033e+04	-130.27	1.690e+05	-1.460e+04	2.215e+06
		3.557e+05	-2.024e+04	4.78e-04	138.40	92.1	1.181e+05	-3.107e+04	8.13	1.690e+05	-2.022e+04	3.557e+05
234	164	4.482e+05	-5019.75	0.07	-552.50	0.0	2.791e+04	-6276.84	-37.47	1.175e+04	-5019.75	4.482e+05
		4.455e+04	-8470.24	2.49e-04	0.0	92.1	2.791e+04	-6829.34	-37.47	1.175e+04	-8470.24	4.455e+04
234	197	1.614e+06	-1.384e+04	0.20	-745.88	0.0	8.828e+04	-1.702e+04	-195.19	8.481e+04	-1.384e+04	1.614e+06
		5.700e+05	-3.181e+04	5.37e-04	0.0	92.1	8.828e+04	-1.777e+04	-195.19	8.481e+04	-3.181e+04	5.700e+05
234	206	4.253e+05	-4587.81	0.07	-552.50	0.0	2.866e+04	-6300.43	-45.00	1.159e+04	-4587.81	4.253e+05
		1.978e+04	-8731.51	3.43e-04	0.0	92.1	2.866e+04	-6852.93	-45.00	1.159e+04	-8731.51	1.978e+04
234	231	3.451e+05	-5301.72	0.06	-552.50	0.0	3.251e+04	-6534.59	-67.18	1.101e+04	-5301.72	3.451e+05
		-8.822e+04	-1.149e+04	4.61e-04	0.0	92.1	3.251e+04	-7087.09	-67.18	1.101e+04	-1.149e+04	-8.822e+04
234	281	1.374e+06	-8970.22	0.25	-552.50	0.0	6.976e+04	-1.835e+04	-81.18	8.516e+04	-8970.22	1.374e+06
		2.524e+05	-1.226e+04	3.97e-04	92.27	92.1	6.976e+04	-1.890e+04	11.09	8.516e+04	-1.220e+04	2.524e+05
234	288	4.567e+05	-5952.62	0.07	-552.50	0.0	2.920e+04	-6511.00	-36.91	1.541e+04	-5952.62	4.567e+05
		3.842e+04	-9351.86	3.10e-04	0.0	92.1	2.920e+04	-7063.50	-36.91	1.541e+04	-9351.86	3.842e+04
234	305	9.293e+05	-8469.12	0.11	-552.50	0.0	4.769e+04	-8499.55	-134.13	2.304e+04	-8469.12	9.293e+05
		4.110e+05	-2.082e+04	4.37e-04	0.0	92.1	4.769e+04	-9052.05	-134.13	2.304e+04	-2.082e+04	4.110e+05
234	310	4.406e+05	-6020.00	0.07	-552.50	0.0	2.970e+04	-6520.78	-40.34	1.559e+04	-6020.00	4.406e+05
		1.967e+04	-9735.06	2.82e-04	0.0	92.1	2.970e+04	-7073.28	-40.34	1.559e+04	-9735.06	1.967e+04
234	313	1.131e+06	-7509.66	0.21	-552.50	0.0	5.992e+04	-1.538e+04	-41.55	6.599e+04	-7509.66	1.131e+06
		1.865e+05	-1.134e+04	4.52e-04	0.0	92.1	5.992e+04	-1.593e+04	-41.55	6.599e+04	-1.134e+04	1.865e+05
234	314	7.990e+05	-7542.20	0.10	-552.50	0.0	4.349e+04	-8018.89	-114.14	2.107e+04	-7542.20	7.990e+05
		3.048e+05	-1.805e+04	4.61e-04	0.0	92.1	4.349e+04	-8571.39	-114.14	2.107e+04	-1.805e+04	3.048e+05
234	316	3.604e+05	-5161.73	0.07	-552.50	0.0	3.206e+04	-6534.72	-64.17	1.172e+04	-5161.73	3.604e+05
		-6.921e+04	-1.107e+04	5.12e-04	0.0	92.1	3.206e+04	-7087.22	-64.17	1.172e+04	-1.107e+04	-6.921e+04
234	324	4.414e+05	-5666.23	0.07	-552.50	0.0	2.970e+04	-6526.69	-41.93	1.531e+04	-5666.23	4.414e+05
		2.190e+04	-9526.96	3.72e-04	0.0	92.1	2.970e+04	-7079.19	-41.93	1.531e+04	-9526.96	2.190e+04
234	326	2.738e+05	-5150.93	0.05	-552.50	0.0	3.711e+04	-5364.56	-87.40	1.027e+04	-5150.93	2.738e+05
		-8.962e+04	-1.430e+04	3.24e-04	0.0	92.1	3.711e+04	-5917.06	-87.40	1.027e+04	-1.430e+04	-8.962e+04
234	334	2.734e+05	-5142.99	0.05	-552.50	0.0	3.721e+04	-5353.22	-87.47	1.002e+04	-5142.99	2.734e+05
		-9.046e+04	-1.425e+04	3.30e-04	0.0	92.1	3.721e+04	-5905.72	-87.47	1.002e+04	-1.425e+04	-9.046e+04
234	335	6.094e+05	-4800.70	0.10	-552.50	0.0	2.219e+04	-7700.17	3.62	2.060e+04	-6189.47	6.094e+05
		1.342e+05	-6189.47	4.51e-04	0.0	92.1	2.219e+04	-8252.67	3.62	2.060e+04	-4800.70	1.342e+05
234	338	2.750e+05	-5256.83	0.05	-552.50	0.0	3.754e+04	-5326.22	-89.12	1.021e+04	-5256.83	2.750e+05
		-9.003e+04	-1.410e+04	2.55e-04	0.0	92.1	3.754e+04	-5878.72	-89.12	1.021e+04	-1.410e+04	-9.003e+04
234	339	6.078e+05	-4954.46	0.10	-552.50	0.0	2.186e+04	-7727.17	5.27	2.040e+04	-6075.63	6.078e+05
		1.338e+05	-6075.63	5.68e-04	0.0	92.1	2.186e+04	-8279.67	5.27	2.040e+04	-4954.46	1.338e+05
234	353	4.098e+05	-4175.68	0.07	-552.50	0.0	3.052e+04	-6337.37	-42.24	1.127e+04	-4175.68	4.098e+05
		9565.92	-9860.61	9.52e-04	0.0	92.1	3.052e+04	-6889.87	-42.24	1.127e+04	-9860.61	9565.92
234	358	3.567e+05	-5466.25	0.06	-552.50	0.0	3.349e+04	-5937.02	-65.28	1.284e+04	-5466.25	3.567e+05
		-3.353e+04	-1.185e+04	2.89e-04	0.0	92.1	3.349e+04	-6489.52	-65.28	1.284e+04	-1.185e+04	-3.353e+04
234	370	3.559e+05	-5450.14	0.06	-552.50	0.0	3.366e+04	-5914.01	-65.54	1.268e+04	-5450.14	3.559e+05
		-3.476e+04	-1.182e+04	3.07e-04	0.0	92.1	3.366e+04	-6466.51	-65.54	1.268e+04	-1.182e+04	-3.476e+04
234	371	5.269e+05	-5882.32	0.09	-552.50	0.0	2.574e+04	-7139.38	-18.32	1.794e+04	-5882.32	5.269e+05
		7.855e+04	-7238.34	4.58e-04	0.0	92.1	2.574e+04	-7691.88	-18.32	1.794e+04	-7238.34	7.855e+04
234	377	4.226e+05	-4884.10	0.07	-552.50	0.0	3.052e+04	-6369.55	-42.92	1.315e+04	-4884.10	4.226e+05
		1.273e+04	-9661.68	7.13e-04	0.0	92.1	3.052e+04	-6922.05	-42.92	1.315e+04	-9661.68	1.273e+04
235	49	5.535e+06	-2.891e+04	0.08	-826.87	0.0	2.661e+05	-8003.81	14.82	5.066e+04	-3.042e+04	5.535e+06
		4.973e+06	-3.042e+04	8.17e-04	0.0	102.1	2.661e+05	-8830.68	14.82	5.066e+04	-2.891e+04	4.973e+06

235	160	8.935e+05	-4407.47	0.01	-612.50	0.0	5.091e+04	-457.86	4.91	6772.54	-4909.08	8.935e+05
		8.439e+05	-4909.08	1.02e-04	0.0	102.1	5.091e+04	-1070.36	4.91	6772.54	-4407.47	8.439e+05
235	178	8.765e+05	-4095.47	0.01	-612.50	0.0	5.142e+04	-460.61	4.75	6603.28	-4580.13	8.765e+05
		8.270e+05	-4580.13	1.11e-04	0.0	102.1	5.142e+04	-1073.11	4.75	6603.28	-4095.47	8.270e+05
235	206	8.821e+05	-3388.88	0.01	-612.50	0.0	5.161e+04	-460.82	4.34	6604.70	-3831.70	8.821e+05
		8.327e+05	-3831.70	1.04e-04	0.0	102.1	5.161e+04	-1073.32	4.34	6604.70	-3388.88	8.327e+05
235	231	3.549e+06	-1.774e+04	0.05	-612.50	0.0	1.652e+05	-5483.90	12.83	3.216e+04	-1.905e+04	3.549e+06
		3.161e+06	-1.905e+04	5.23e-04	0.0	102.1	1.652e+05	-6096.40	12.83	3.216e+04	-1.774e+04	3.161e+06
235	239	8.920e+05	-4680.03	0.01	-612.50	0.0	5.280e+04	-564.51	7.77	8321.84	-5472.97	8.920e+05
		8.351e+05	-5472.97	9.83e-05	0.0	102.1	5.280e+04	-1177.01	7.77	8321.84	-4680.03	8.351e+05
235	243	8.341e+05	-4270.59	0.01	-612.50	0.0	5.568e+04	-492.06	8.93	8873.68	-5181.91	8.341e+05
		7.804e+05	-5181.91	8.47e-05	0.0	102.1	5.568e+04	-1104.56	8.93	8873.68	-4270.59	7.804e+05
235	300	8.248e+05	-4442.75	0.01	-612.50	0.0	5.574e+04	-516.36	6.90	7198.50	-5147.04	8.248e+05
		7.731e+05	-5147.04	1.69e-04	0.0	102.1	5.574e+04	-1128.86	6.90	7198.50	-4442.75	7.731e+05
235	313	8.418e+05	-4031.30	0.01	-612.50	0.0	5.546e+04	-513.87	6.75	7384.40	-4720.24	8.418e+05
		7.901e+05	-4720.24	1.58e-04	0.0	102.1	5.546e+04	-1126.37	6.75	7384.40	-4031.30	7.901e+05
235	316	2.883e+06	-1.394e+04	0.04	-612.50	0.0	1.375e+05	-4239.86	11.26	2.607e+04	-1.509e+04	2.883e+06
		2.579e+06	-1.509e+04	4.24e-04	0.0	102.1	1.375e+05	-4852.36	11.26	2.607e+04	-1.394e+04	2.579e+06
235	318	8.903e+05	-4143.01	0.01	-612.50	0.0	5.319e+04	-550.32	7.46	8191.63	-4904.40	8.903e+05
		8.347e+05	-4904.40	1.03e-04	0.0	102.1	5.319e+04	-1162.82	7.46	8191.63	-4143.01	8.347e+05
235	319	8.469e+05	-3835.93	0.01	-612.50	0.0	5.536e+04	-495.98	8.33	8605.51	-4686.11	8.469e+05
		7.937e+05	-4686.11	9.19e-05	0.0	102.1	5.536e+04	-1108.48	8.33	8605.51	-3835.93	7.937e+05
235	324	9.127e+05	-4256.66	0.01	-612.50	0.0	5.339e+04	-502.34	7.20	8161.95	-4992.11	9.127e+05
		8.604e+05	-4992.11	1.18e-04	0.0	102.1	5.339e+04	-1114.84	7.20	8161.95	-4256.66	8.604e+05
235	325	7.476e+05	-3183.00	0.01	-612.50	0.0	6.317e+04	-428.07	2.35	6356.52	-3183.00	7.476e+05
		7.032e+05	-4669.85	9.18e-05	0.0	102.1	6.317e+04	-1040.57	2.35	6356.52	-4669.85	7.032e+05
235	332	1.079e+06	-3975.35	0.01	-612.50	0.0	4.308e+04	-555.81	10.94	1.050e+04	-7152.32	1.079e+06
		1.017e+06	-7152.32	1.15e-04	0.0	102.1	4.308e+04	-1168.31	10.94	1.050e+04	-3975.35	1.017e+06
235	337	7.467e+05	-2901.03	0.01	-612.50	0.0	6.383e+04	-447.65	3.09	5849.90	-2901.03	7.467e+05
		7.039e+05	-4503.99	1.45e-04	0.0	102.1	6.383e+04	-1060.15	3.09	5849.90	-4503.99	7.039e+05
235	340	1.079e+06	-4009.34	0.01	-612.50	0.0	4.295e+04	-557.03	11.32	1.047e+04	-7083.20	1.079e+06
		1.017e+06	-7083.20	1.03e-04	0.0	102.1	4.295e+04	-1169.53	11.32	1.047e+04	-4009.34	1.017e+06
235	351	9.363e+05	-3.23	0.01	-612.50	0.0	5.457e+04	-639.95	15.73	5301.41	-874.27	9.363e+05
		8.858e+05	-874.27	3.48e-04	0.0	102.1	5.457e+04	-1252.45	15.73	5301.41	-3.23	8.858e+05
235	352	9.843e+05	-7652.84	0.01	-612.50	0.0	4.673e+04	-416.89	2.14	1.184e+04	-9619.05	9.843e+05
		9.253e+05	-9619.05	-2.95e-04	0.0	102.1	4.673e+04	-1029.39	2.14	1.184e+04	-7652.84	9.253e+05
235	357	8.287e+05	-4214.78	0.01	-612.50	0.0	5.824e+04	-487.49	5.28	6765.64	-4214.78	8.287e+05
		7.795e+05	-4594.05	1.15e-04	0.0	102.1	5.824e+04	-1099.99	5.28	6765.64	-4594.05	7.795e+05
235	369	8.275e+05	-3943.70	0.01	-612.50	0.0	5.867e+04	-474.02	5.11	6992.74	-3943.70	8.275e+05
		7.801e+05	-4393.87	1.29e-04	0.0	102.1	5.867e+04	-1086.52	5.11	6992.74	-4393.87	7.801e+05
235	372	9.978e+05	-4119.46	0.01	-612.50	0.0	4.811e+04	-530.67	9.30	9331.16	-6040.53	9.978e+05
		9.407e+05	-6040.53	1.09e-04	0.0	102.1	4.811e+04	-1143.17	9.30	9331.16	-4119.46	9.407e+05
235	383	9.252e+05	-2138.53	0.01	-612.50	0.0	5.395e+04	-570.96	11.45	6747.33	-2948.40	9.252e+05
		8.738e+05	-2948.40	1.83e-04	0.0	102.1	5.395e+04	-1183.46	11.45	6747.33	-2138.53	8.738e+05
235	384	9.491e+05	-5940.30	0.01	-612.50	0.0	5.005e+04	-460.32	4.71	9992.87	-7294.08	9.491e+05
		8.935e+05	-7294.08	-1.39e-04	0.0	102.1	5.005e+04	-1072.82	4.71	9992.87	-5940.30	8.935e+05
236	41	1.935e+06	-8042.42	-0.17	-745.88	0.0	9.662e+04	1.046e+04	63.84	-4.046e+04	-1.392e+04	1.364e+06
		1.364e+06	-1.392e+04	2.14e-04	0.0	92.1	9.662e+04	9712.73	63.84	-4.046e+04	-8042.42	1.935e+06
236	49	3.339e+06	-8006.69	-0.36	-745.88	0.0	1.342e+05	2.809e+04	62.82	-1.309e+05	-1.379e+04	1.723e+06
		1.723e+06	-1.379e+04	2.06e-04	0.0	92.1	1.342e+05	2.734e+04	62.82	-1.309e+05	-8006.69	3.339e+06
236	164	6.401e+05	-2602.31	-0.06	-552.50	0.0	3.157e+04	5478.35	26.82	804.04	-5072.26	3.355e+05
		3.355e+05	-5072.26	-1.93e-04	0.0	92.1	3.157e+04	4925.85	26.82	804.04	-2602.31	6.401e+05
236	178	6.207e+05	-2533.13	-0.06	-552.50	0.0	3.211e+04	5477.45	27.21	1424.29	-5038.62	3.158e+05
		3.158e+05	-5038.62	-1.99e-04	0.0	92.1	3.211e+04	4924.95	27.21	1424.29	-2533.13	6.207e+05
236	206	6.291e+05	-2003.19	-0.06	-552.50	0.0	3.204e+04	5508.67	28.07	1047.85	-4588.26	3.240e+05
		3.240e+05	-4588.26	-3.88e-04	0.0	92.1	3.204e+04	4956.17	28.07	1047.85	-2003.19	6.291e+05
236	231	2.076e+06	-3796.46	-0.23	-552.50	0.0	7.954e+04	1.751e+04	50.34	-6.370e+04	-8431.66	1.073e+06
		1.073e+06	-8431.66	-1.72e-04	0.0	92.1	7.954e+04	1.696e+04	50.34	-6.370e+04	-3796.46	2.076e+06
236	270	9.949e+05	-5721.37	-0.10	-552.50	0.0	5.438e+04	8933.09	-17.12	-3.275e+04	-8392.89	4.866e+05
		4.866e+05	-8392.89	1.35e-04	92.27	92.1	5.438e+04	8380.59	75.15	-3.275e+04	-5721.37	9.949e+05
236	288	6.576e+05	-3181.52	-0.07	-552.50	0.0	3.287e+04	5636.22	30.48	-74.75	-5987.78	3.445e+05
		3.445e+05	-5987.78	-3.02e-04	0.0	92.1	3.287e+04	5083.72	30.48	-74.75	-3181.52	6.576e+05
236	300	5.532e+05	-2426.79	-0.06	-552.50	0.0	3.601e+04	5641.48	32.06	4322.87	-5378.82	2.366e+05
		2.366e+05	-5378.82	-4.55e-04	0.0	92.1	3.601e+04	5088.98	32.06	4322.87	-2426.79	5.532e+05
236	310	6.512e+05	-3248.96	-0.06	-552.50	0.0	3.314e+04	5648.36	30.17	-384.10	-6027.19	3.370e+05
		3.370e+05	-6027.19	-2.57e-04	0.0	92.1	3.314e+04	5095.86	30.17	-384.10	-3248.96	6.512e+05
236	313	5.735e+05	-2216.35	-0.06	-552.50	0.0	3.550e+04	5660.59	32.45	3354.79	-5204.09	2.575e+05
		2.575e+05	-5204.09	-5.46e-04	0.0	92.1	3.550e+04	5108.09	32.45	3354.79	-2216.35	5.735e+05
236	315	9.346e+05	-3219.97	-0.08	-552.50	0.0	4.722e+04	4758.19	47.13	2937.49	-7559.70	6.851e+05
		6.851e+05	-7559.70	-3.58e-04	0.0	92.1	4.722e+04	4205.69	47.13	2937.49	-3219.97	9.346e+05
236	316	1.715e+06	-3200.13	-0.19	-552.50	0.0	6.810e+04	1.455e+04	46.56	-4.732e+04	-7487.78	8.846e+05
		8.846e+05	-7487.78	-3.66e-04	0.0	92.1	6.810e+04	1.400e+04	46.56	-4.732e+04	-3200.13	1.715e+06
236	324	6.502e+05	-2784.17	-0.06	-552.50	0.0	3.318e+04	5656.40	31.30	85.71	-5666.71	3.369e+05
		3.369e+05	-5666.71	-4.31e-04	0.0	92.1	3.318e+04	5103.90	31.30	85.71	-2784.17	6.502e+05
236	336	7.683e+05	-2126.68	-0.08	-552.50	0.0	2.648e+04	6164.37	35.44	-2750.59	-6263.66	7.683e+05
		4.285e+05	-6263.66	8.90e-05	0.0	92.1	2.648e+04	5611.87	35.44	-2750.59	-2126.68	7.683e+05
236	337	5.343e+05	-3104.06	-0.05	-552.50	0.0	3.998e+04	5166.02	27.34	3097.68	-4869.07	2.449e+05

		2.449e+05	-4869.07	-1.05e-03	0.0	92.1	3.998e+04	4613.52	27.34	3097.68	-3104.06	5.343e+05
236	340	7.661e+05	-2464.28	-0.08	-552.50	0.0	2.638e+04	6146.77	35.27	-2926.27	-6464.36	4.289e+05
		4.289e+05	-6464.36	1.98e-04	0.0	92.1	2.638e+04	5594.27	35.27	-2926.27	-2464.28	7.661e+05
236	351	6.728e+05	-259.84	-0.06	-552.50	0.0	3.348e+04	5945.85	46.07	2965.58	-4520.92	3.479e+05
		3.479e+05	-4520.92	-2.36e-03	0.0	92.1	3.348e+04	5393.35	46.07	2965.58	-259.84	6.728e+05
236	356	6.951e+05	-4713.53	-0.07	-552.50	0.0	2.922e+04	5683.80	21.11	-3963.85	-7052.35	3.781e+05
		3.781e+05	-7052.35	1.52e-03	0.0	92.1	2.922e+04	5131.30	21.11	-3963.85	-4713.53	6.951e+05
236	365	5.880e+05	-3140.10	-0.06	-552.50	0.0	3.656e+04	5398.62	28.62	1423.51	-5346.68	2.889e+05
		2.889e+05	-5346.68	-5.92e-04	0.0	92.1	3.656e+04	4846.12	28.62	1423.51	-3140.10	5.880e+05
236	368	7.124e+05	-2428.25	-0.07	-552.50	0.0	2.981e+04	5914.17	33.99	-1252.10	-5986.75	3.848e+05
		3.848e+05	-5986.75	-2.70e-04	0.0	92.1	2.981e+04	5361.67	33.99	-1252.10	-2428.25	7.124e+05
236	369	5.907e+05	-2954.13	-0.06	-552.50	0.0	3.661e+04	5405.96	29.27	1615.64	-5265.77	2.900e+05
		2.900e+05	-5265.77	-7.36e-04	0.0	92.1	3.661e+04	4853.46	29.27	1615.64	-2954.13	5.907e+05
236	372	7.098e+05	-2614.22	-0.07	-552.50	0.0	2.975e+04	5906.84	33.34	-1444.23	-6067.66	3.838e+05
		3.838e+05	-6067.66	-1.26e-04	0.0	92.1	2.975e+04	5354.34	33.34	-1444.23	-2614.22	7.098e+05
236	383	6.620e+05	-1526.03	-0.06	-552.50	0.0	3.331e+04	5802.36	38.65	1526.19	-5100.11	3.427e+05
		3.427e+05	-5100.11	-1.39e-03	0.0	92.1	3.331e+04	5249.86	38.65	1526.19	-1526.03	6.620e+05
236	388	6.731e+05	-3739.90	-0.07	-552.50	0.0	3.120e+04	5671.97	26.27	-1952.55	-6355.66	3.577e+05
		3.577e+05	-6355.66	5.38e-04	0.0	92.1	3.120e+04	5119.47	26.27	-1952.55	-3739.90	6.731e+05
237	49	5.086e+06	1.186e+04	0.07	-826.88	0.0	2.435e+05	-6960.06	-97.91	-2.537e+04	1.186e+04	5.086e+06
		4.591e+06	1866.46	-3.03e-04	0.0	102.1	2.435e+05	-7786.93	-97.91	-2.537e+04	1866.46	4.591e+06
237	58	1.798e+06	-4539.74	0.02	-612.50	0.0	9.944e+04	229.01	-5.03	-16.22	-4539.74	1.793e+06
		1.786e+06	-5053.34	-1.09e-04	0.0	102.1	9.944e+04	-383.49	-5.03	-16.22	-5053.34	1.786e+06
237	164	8.792e+05	680.82	0.01	-612.50	0.0	5.014e+04	-382.05	-3.90	-2053.40	680.82	8.792e+05
		8.348e+05	282.53	-2.44e-05	0.0	102.1	5.014e+04	-994.55	-3.90	-2053.40	282.53	8.348e+05
237	178	8.615e+05	728.91	0.01	-612.50	0.0	5.066e+04	-381.96	-4.05	-2173.42	728.91	8.615e+05
		8.172e+05	315.85	-1.39e-05	0.0	102.1	5.066e+04	-994.46	-4.05	-2173.42	315.85	8.172e+05
237	231	3.307e+06	1.196e+04	0.05	-612.50	0.0	1.542e+05	-4685.45	-76.88	-2.273e+04	1.196e+04	3.307e+06
		2.972e+06	4111.96	-2.57e-04	0.0	102.1	1.542e+05	-5297.95	-76.88	-2.273e+04	4111.96	2.972e+06
237	241	8.782e+05	796.79	0.01	-612.50	0.0	5.149e+04	-429.23	-3.62	-1761.27	796.79	8.782e+05
		8.311e+05	427.57	-4.91e-05	0.0	102.1	5.149e+04	-1041.73	-3.62	-1761.27	427.57	8.311e+05
237	270	1.297e+06	-2462.17	0.02	-612.50	0.0	7.947e+04	-853.25	0.22	2008.63	-2462.17	1.297e+06
		1.221e+06	-2485.04	-8.75e-05	0.0	102.1	7.947e+04	-1465.75	0.22	2008.63	-2485.04	1.221e+06
237	300	8.073e+05	1279.29	0.01	-612.50	0.0	5.431e+04	-386.93	-5.51	-3074.52	1279.29	8.073e+05
		7.636e+05	716.42	1.08e-04	0.0	102.1	5.431e+04	-999.43	-5.51	-3074.52	716.42	7.636e+05
237	311	1.030e+06	109.95	0.01	-612.50	0.0	6.358e+04	-574.61	-2.64	-479.06	109.95	1.030e+06
		9.729e+05	-159.17	-1.42e-05	0.0	102.1	6.358e+04	-1187.11	-2.64	-479.06	-159.17	9.729e+05
237	313	8.236e+05	1719.13	0.01	-612.50	0.0	5.389e+04	-386.74	-5.52	-2874.49	1719.13	8.236e+05
		7.798e+05	1155.43	1.03e-04	0.0	102.1	5.389e+04	-999.24	-5.52	-2874.49	1155.43	7.798e+05
237	316	2.698e+06	9802.36	0.04	-612.50	0.0	1.287e+05	-3610.69	-59.14	-1.767e+04	9802.36	2.698e+06
		2.435e+06	3765.22	-1.97e-04	0.0	102.1	1.287e+05	-4223.19	-59.14	-1.767e+04	3765.22	2.435e+06
237	318	8.694e+05	1455.91	0.01	-612.50	0.0	5.174e+04	-429.24	-4.11	-1913.27	1455.91	8.694e+05
		8.223e+05	1036.21	-3.91e-05	0.0	102.1	5.174e+04	-1041.74	-4.11	-1913.27	1036.21	8.223e+05
237	324	8.897e+05	1349.83	0.01	-612.50	0.0	5.190e+04	-386.46	-4.42	-2020.88	1349.83	8.897e+05
		8.455e+05	899.11	-2.26e-05	0.0	102.1	5.190e+04	-998.96	-4.42	-2020.88	899.11	8.455e+05
237	325	7.354e+05	2984.54	0.01	-612.50	0.0	6.097e+04	-445.77	-6.51	-3385.50	2984.54	7.354e+05
		6.968e+05	2291.47	-5.69e-05	0.0	102.1	6.097e+04	-1058.27	-6.51	-3385.50	2291.47	6.968e+05
237	332	1.044e+06	-634.47	0.01	-612.50	0.0	4.267e+04	-327.99	-1.98	-230.57	-634.47	1.044e+06
		9.940e+05	-763.43	-7.16e-05	0.0	102.1	4.267e+04	-940.49	-1.98	-230.57	-763.43	9.940e+05
237	337	7.352e+05	3411.06	0.01	-612.50	0.0	6.117e+04	-445.57	-7.15	-3876.89	3411.06	7.352e+05
		6.969e+05	1714.96	1.03e-04	0.0	102.1	6.117e+04	-1058.07	-7.15	-3876.89	1714.96	6.969e+05
237	340	1.044e+06	83.26	0.01	-612.50	0.0	4.263e+04	-327.34	-1.68	-164.86	83.26	1.044e+06
		9.940e+05	-711.39	-8.42e-05	0.0	102.1	4.263e+04	-939.84	-1.68	-164.86	-711.39	9.940e+05
237	353	8.368e+05	5927.90	0.01	-612.50	0.0	5.559e+04	-388.22	-4.07	-5058.92	5927.90	8.368e+05
		7.951e+05	5000.58	3.48e-04	0.0	102.1	5.559e+04	-1000.72	-4.07	-5058.92	5000.58	7.951e+05
237	354	8.512e+05	-2774.74	0.01	-612.50	0.0	5.360e+04	-423.33	-6.64	394.35	-2774.74	8.512e+05
		8.078e+05	-3475.72	-3.34e-04	0.0	102.1	5.360e+04	-1035.83	-6.64	394.35	-3475.72	8.078e+05
237	357	8.106e+05	2063.55	0.01	-612.50	0.0	5.647e+04	-415.76	-5.56	-3041.96	2063.55	8.106e+05
		7.691e+05	1479.02	-3.12e-05	0.0	102.1	5.647e+04	-1028.26	-5.56	-3041.96	1479.02	7.691e+05
237	364	9.691e+05	356.48	0.01	-612.50	0.0	4.723e+04	-356.66	-3.17	-1121.87	356.48	9.691e+05
		9.218e+05	68.68	-3.08e-05	0.0	102.1	4.723e+04	-969.16	-3.17	-1121.87	68.68	9.218e+05
237	369	8.104e+05	2381.11	0.01	-612.50	0.0	5.660e+04	-416.56	-5.80	-2952.35	2381.11	8.104e+05
		7.691e+05	1300.84	5.61e-05	0.0	102.1	5.660e+04	-1029.06	-5.80	-2952.35	1300.84	7.691e+05
237	372	9.691e+05	497.37	0.01	-612.50	0.0	4.721e+04	-356.35	-3.03	-1089.41	497.37	9.691e+05
		9.218e+05	318.55	-3.72e-05	0.0	102.1	4.721e+04	-968.85	-3.03	-1089.41	318.55	9.218e+05
237	385	8.627e+05	3627.10	0.01	-612.50	0.0	5.376e+04	-387.56	-4.25	-3533.25	3627.10	8.627e+05
		8.197e+05	2936.43	1.78e-04	0.0	102.1	5.376e+04	-1000.06	-4.25	-3533.25	2936.43	8.197e+05
237	386	8.698e+05	-697.92	0.01	-612.50	0.0	5.277e+04	-404.99	-5.53	-823.50	-697.92	8.698e+05
		8.260e+05	-1276.32	-1.61e-04	0.0	102.1	5.277e+04	-1017.49	-5.53	-823.50	-1276.32	8.260e+05
238	41	1.768e+06	7939.23	-0.15	-745.88	0.0	8.805e+04	9732.06	-190.29	-1.109e+05	7939.23	1.230e+06
		1.230e+06	-9583.14	6.41e-04	0.0	92.1	8.805e+04	8986.19	-190.29	-1.109e+05	-9583.14	1.230e+06
238	49	3.047e+06	-3439.08	-0.33	-745.88	0.0	1.221e+05	2.502e+04	-113.11	-1.512e+05	-3439.08	1.602e+06
		1.602e+06	-1.385e+04	1.44e-03	0.0	92.1	1.221e+05	2.428e+04	-113.11	-1.512e+05	-1.385e+04	3.047e+06
238	140	6.138e+05	304.02	-0.06	-552.50	0.0	3.166e+04	5409.97	-11.08	-7684.41	304.02	3.102e+05
		3.102e+05	-716.32	2.37e-04	0.0	92.1	3.166e+04	4857.47	-11.08	-7684.41	-716.32	6.138e+05
238	164	6.300e+05	279.24	-0.06	-552.50	0.0	3.109e+04	5381.18	-8.94	-5729.79	279.24	3.286e+05
		3.286e+05	-544.30	1.15e-04	0.0	92.1	3.109e+04	4828.68	-8.94	-5729.79	-544.30	6.300e+05

238	227	9.854e+05	6527.25	-0.08	-552.50	0.0	4.865e+04	4726.06	-119.45	-4.237e+04	6527.25	7.316e+05
		7.316e+05	-4472.01	1.82e-04	0.0	92.1	4.865e+04	4173.56	-119.45	-4.237e+04	-4472.01	9.854e+05
238	231	1.933e+06	-1901.12	-0.21	-552.50	0.0	7.385e+04	1.605e+04	-62.28	-7.224e+04	-1901.12	1.007e+06
		1.007e+06	-7636.25	7.78e-04	0.0	92.1	7.385e+04	1.550e+04	-62.28	-7.224e+04	-7636.25	1.933e+06
238	281	5.512e+05	1072.61	-0.06	-552.50	0.0	3.475e+04	5586.03	-10.65	-5953.02	1072.61	2.362e+05
		2.362e+05	91.85	-3.44e-05	0.0	92.1	3.475e+04	5033.53	-10.65	-5953.02	91.85	5.512e+05
238	288	6.427e+05	342.16	-0.06	-552.50	0.0	3.200e+04	5545.57	-8.96	-6808.09	342.16	3.313e+05
		3.313e+05	-482.79	3.11e-05	0.0	92.1	3.200e+04	4993.07	-8.96	-6808.09	-482.79	6.427e+05
238	310	6.357e+05	288.93	-0.06	-552.50	0.0	3.226e+04	5555.05	-9.25	-7361.81	288.93	3.236e+05
		3.236e+05	-563.23	7.75e-05	0.0	92.1	3.226e+04	5002.55	-9.25	-7361.81	-563.23	6.357e+05
238	313	5.674e+05	1260.94	-0.06	-552.50	0.0	3.425e+04	5571.61	-8.04	-5022.34	1260.94	2.540e+05
		2.540e+05	520.22	-2.16e-04	0.0	92.1	3.425e+04	5019.11	-8.04	-5022.34	520.22	5.674e+05
238	315	8.933e+05	5356.25	-0.08	-552.50	0.0	4.468e+04	4932.96	-90.42	-3.301e+04	5356.25	6.252e+05
		6.252e+05	-2969.46	-3.64e-05	0.0	92.1	4.468e+04	4380.46	-90.42	-3.301e+04	-2969.46	8.933e+05
238	316	1.604e+06	-965.03	-0.18	-552.50	0.0	6.358e+04	1.343e+04	-47.54	-5.542e+04	-965.03	8.321e+05
		8.321e+05	-5342.64	4.24e-04	0.0	92.1	6.358e+04	1.287e+04	-47.54	-5.542e+04	-5342.64	1.604e+06
238	324	6.354e+05	697.35	-0.06	-552.50	0.0	3.226e+04	5554.10	-7.90	-6764.96	697.35	3.237e+05
		3.237e+05	-30.31	-1.02e-04	0.0	92.1	3.226e+04	5001.60	-7.90	-6764.96	-30.31	6.354e+05
238	334	5.281e+05	-790.85	-0.05	-552.50	0.0	3.834e+04	6067.07	3.77	-8604.77	-790.85	2.349e+05
		2.349e+05	-1069.83	3.62e-04	0.0	92.1	3.834e+04	5514.57	3.77	-8604.77	-1069.83	5.281e+05
238	336	7.460e+05	1845.42	-0.07	-552.50	0.0	2.590e+04	5048.29	-23.03	-6349.09	1845.42	4.092e+05
		4.092e+05	-130.87	2.75e-04	0.0	92.1	2.590e+04	4495.79	-23.03	-6349.09	-130.87	7.460e+05
238	337	5.253e+05	467.96	-0.05	-552.50	0.0	3.864e+04	6058.51	6.80	-6875.76	467.96	2.382e+05
		2.382e+05	-31.83	-6.51e-04	0.0	92.1	3.864e+04	5506.01	6.80	-6875.76	-31.83	5.253e+05
238	340	7.456e+05	1426.53	-0.07	-552.50	0.0	2.589e+04	5049.69	-22.60	-6654.15	1426.53	4.092e+05
		4.092e+05	-528.58	4.47e-04	0.0	92.1	2.589e+04	4497.19	-22.60	-6654.15	-528.58	7.456e+05
238	350	6.070e+05	-2210.38	-0.06	-552.50	0.0	3.361e+04	5723.15	-8.01	-1.050e+04	-2210.38	2.923e+05
		2.923e+05	-2909.42	1.89e-03	0.0	92.1	3.361e+04	5170.65	-8.01	-1.050e+04	-2909.42	6.070e+05
238	351	6.639e+05	3605.08	-0.07	-552.50	0.0	3.092e+04	5385.05	-7.80	-3027.41	3605.08	3.551e+05
		3.551e+05	2848.80	-2.09e-03	0.0	92.1	3.092e+04	4832.55	-7.80	-3027.41	2848.80	6.639e+05
238	365	5.780e+05	101.56	-0.06	-552.50	0.0	3.548e+04	5811.93	-0.72	-7028.87	101.56	2.806e+05
		2.806e+05	-33.69	-2.29e-04	0.0	92.1	3.548e+04	5259.43	-0.72	-7028.87	-33.69	5.780e+05
238	366	5.808e+05	-169.16	-0.06	-552.50	0.0	3.533e+04	5814.84	-1.66	-7639.72	-169.16	3.668e+05
		3.668e+05	-26.94	2.52e-05	0.0	92.1	3.533e+04	5296.27	-1.66	-7639.72	-26.94	5.808e+05
238	368	6.929e+05	1293.14	-0.07	-552.50	0.0	2.905e+04	5296.27	-15.09	-6501.04	1293.14	3.668e+05
		3.668e+05	-26.94	2.52e-05	0.0	92.1	2.905e+04	4743.77	-15.09	-6501.04	-26.94	6.929e+05
238	382	6.207e+05	-749.81	-0.06	-552.50	0.0	3.295e+04	5639.94	-7.93	-8644.68	-749.81	3.077e+05
		3.077e+05	-1462.41	8.87e-04	0.0	92.1	3.295e+04	5087.44	-7.93	-8644.68	-1462.41	6.207e+05
238	383	6.502e+05	2144.50	-0.06	-552.50	0.0	3.158e+04	5468.26	-7.87	-4885.23	2144.50	3.396e+05
		3.396e+05	1401.79	-1.09e-03	0.0	92.1	3.158e+04	4915.76	-7.87	-4885.23	1401.79	6.502e+05
239	49	4.572e+06	-3.404e+04	0.06	-826.88	0.0	2.196e+05	-5690.71	177.89	7.324e+04	-5.220e+04	4.572e+06
		4.163e+06	-5.220e+04	7.21e-04	0.0	102.1	2.196e+05	-6517.59	177.89	7.324e+04	-3.404e+04	4.163e+06
239	126	8.762e+05	-2116.60	0.01	-612.50	0.0	5.021e+04	-381.79	5.43	2502.52	-2670.70	8.762e+05
		8.320e+05	-2670.70	-7.40e-05	0.0	102.1	5.021e+04	-994.29	5.43	2502.52	-2116.60	8.320e+05
239	140	8.590e+05	-2084.17	0.01	-612.50	0.0	5.069e+04	-381.20	5.23	2401.55	-2617.57	8.590e+05
		8.148e+05	-2617.57	-5.33e-05	0.0	102.1	5.069e+04	-993.70	5.23	2401.55	-2084.17	8.148e+05
239	206	8.677e+05	-1073.26	0.01	-612.50	0.0	5.059e+04	-381.94	4.47	2182.26	-1529.17	8.677e+05
		8.234e+05	-1529.17	2.34e-05	0.0	102.1	5.059e+04	-994.44	4.47	2182.26	-1073.26	8.234e+05
239	231	3.054e+06	-2.036e+04	0.04	-612.50	0.0	1.433e+05	-3968.88	118.99	4.610e+04	-3.250e+04	3.054e+06
		2.767e+06	-3.250e+04	4.49e-04	0.0	102.1	1.433e+05	-4581.38	118.99	4.610e+04	-2.036e+04	2.767e+06
239	239	8.694e+05	-1324.90	0.01	-612.50	0.0	5.152e+04	-438.16	5.27	2401.05	-1862.57	8.694e+05
		8.220e+05	-1862.57	-7.81e-05	0.0	102.1	5.152e+04	-1050.66	5.27	2401.05	-1324.90	8.220e+05
239	243	8.198e+05	-828.97	0.01	-612.50	0.0	5.379e+04	-387.80	6.10	2841.17	-1451.65	8.198e+05
		7.761e+05	-1451.65	-7.82e-05	0.0	102.1	5.379e+04	-1000.30	6.10	2841.17	-828.97	7.761e+05
239	281	8.098e+05	-1256.83	0.01	-612.50	0.0	5.400e+04	-382.28	3.29	1191.64	-1592.56	8.098e+05
		7.654e+05	-1592.56	8.97e-05	0.0	102.1	5.400e+04	-994.78	3.29	1191.64	-1256.83	7.654e+05
239	313	8.270e+05	-647.76	0.01	-612.50	0.0	5.363e+04	-383.38	3.09	1238.76	-963.55	8.270e+05
		7.826e+05	-963.55	8.99e-05	0.0	102.1	5.363e+04	-995.88	3.09	1238.76	-647.76	7.826e+05
239	316	2.509e+06	-1.503e+04	0.03	-612.50	0.0	1.205e+05	-3073.40	89.96	3.497e+04	-2.422e+04	2.509e+06
		2.283e+06	-2.422e+04	3.41e-04	0.0	102.1	1.205e+05	-3685.90	89.96	3.497e+04	-1.503e+04	2.283e+06
239	318	8.708e+05	-761.95	0.01	-612.50	0.0	5.172e+04	-425.36	4.67	2195.89	-1238.42	8.708e+05
		8.241e+05	-1238.42	-3.69e-05	0.0	102.1	5.172e+04	-1037.86	4.67	2195.89	-761.95	8.241e+05
239	319	8.336e+05	-390.00	0.01	-612.50	0.0	5.343e+04	-387.58	5.29	2525.97	-930.23	8.336e+05
		7.897e+05	-930.23	-3.69e-05	0.0	102.1	5.343e+04	-1000.08	5.29	2525.97	-390.00	7.897e+05
239	324	8.897e+05	-899.11	0.01	-612.50	0.0	5.190e+04	-386.46	4.42	2020.88	-1349.83	8.897e+05
		8.455e+05	-1349.83	2.26e-05	0.0	102.1	5.190e+04	-998.96	4.42	2020.88	-899.11	8.455e+05
239	330	7.352e+05	-1714.96	0.01	-612.50	0.0	6.117e+04	-445.57	7.15	3876.89	-3411.06	7.352e+05
		6.969e+05	-3411.06	-1.03e-04	0.0	102.1	6.117e+04	-1058.07	7.15	3876.89	-1714.96	6.969e+05
239	331	1.044e+06	711.39	0.01	-612.50	0.0	4.263e+04	-327.34	1.68	164.86	711.39	1.044e+06
		9.940e+05	-83.26	8.42e-05	0.0	102.1	4.263e+04	-939.84	1.68	164.86	-83.26	9.940e+05
239	334	7.349e+05	-2221.96	0.01	-612.50	0.0	6.102e+04	-445.41	6.71	3375.76	-2971.14	7.349e+05
		6.967e+05	-2971.14	5.63e-05	0.0	102.1	6.102e+04	-1057.91	6.71	3375.76	-2221.96	6.967e+05
239	335	1.045e+06	423.75	0.01	-612.50	0.0	4.279e+04	-327.50	2.12	665.99	271.47	1.045e+06
		9.943e+05	271.47	-1.22e-05	0.0	102.1	4.279e+04	-940.00	2.12	665.99	423.75	9.943e+05
239	349	8.512e+05	3475.72	0.01	-612.50	0.0	5.360e+04	-423.32	6.64	-394.34	2774.74	8.512e+05
		8.078e+05	2774.74	3.34e-04	0.0	102.1	5.360e+04	-1035.82	6.64	-394.34	3475.72	8.078e+05
239	350	8.368e+05	-5000.58	0.01	-612.50	0.0	5.559e+04	-388.22	4.07	5058.91	-5927.90	8.368e+05

		7.951e+05	-5927.90	-3.48e-04	0.0	102.1	5.559e+04	-1000.72	4.07	5058.91	-5000.58	7.951e+05
239	362	8.104e+05	-1300.84	0.01	-612.50	0.0	5.660e+04	-416.56	5.80	2952.35	-2381.11	8.104e+05
		7.691e+05	-2381.11	-5.61e-05	0.0	102.1	5.660e+04	-1029.06	5.80	2952.35	-1300.84	7.691e+05
239	363	9.691e+05	-318.55	0.01	-612.50	0.0	4.721e+04	-356.35	3.03	1089.41	-318.55	9.691e+05
		9.218e+05	-497.37	3.72e-05	0.0	102.1	4.721e+04	-968.85	3.03	1089.41	-497.37	9.218e+05
239	366	8.106e+05	-1479.02	0.01	-612.50	0.0	5.647e+04	-415.76	5.56	3041.96	-2063.55	8.106e+05
		7.691e+05	-2063.55	3.12e-05	0.0	102.1	5.647e+04	-1028.26	5.56	3041.96	-1479.02	7.691e+05
239	371	9.691e+05	-68.68	0.01	-612.50	0.0	4.723e+04	-356.66	3.17	1121.87	-356.48	9.691e+05
		9.218e+05	-356.48	3.08e-05	0.0	102.1	4.723e+04	-969.16	3.17	1121.87	-68.68	9.218e+05
239	381	8.698e+05	1276.32	0.01	-612.50	0.0	5.277e+04	-404.99	5.53	823.51	697.92	8.698e+05
		8.260e+05	697.92	1.61e-04	0.0	102.1	5.277e+04	-1017.49	5.53	823.51	1276.32	8.260e+05
239	382	8.627e+05	-2936.43	0.01	-612.50	0.0	5.376e+04	-387.56	4.25	3533.25	-3627.10	8.627e+05
		8.197e+05	-3627.10	-1.78e-04	0.0	102.1	5.376e+04	-1000.06	4.25	3533.25	-2936.43	8.197e+05
240	41	1.608e+06	-5029.67	-0.14	-745.88	0.0	7.895e+04	9409.85	150.81	-1.616e+04	-1.892e+04	1.086e+06
		1.086e+06	-1.892e+04	9.93e-04	0.0	92.1	7.895e+04	8663.97	150.81	-1.616e+04	-5029.67	1.608e+06
240	49	2.802e+06	-8336.90	-0.30	-745.88	0.0	1.108e+05	2.299e+04	-8.32	-1.209e+05	-8336.90	1.470e+06
		1.470e+06	-9103.06	2.33e-03	0.0	92.1	1.108e+05	2.224e+04	-8.32	-1.209e+05	-9103.06	2.802e+06
240	126	6.293e+05	-1061.57	-0.06	-552.50	0.0	3.111e+04	5378.31	4.87	3931.26	-1509.94	3.289e+05
		3.289e+05	-1509.94	4.26e-04	0.0	92.1	3.111e+04	4825.81	4.87	3931.26	-1061.57	6.293e+05
240	192	6.739e+05	-1513.98	-0.07	-552.50	0.0	3.991e+04	6465.44	-2.50	-1.059e+04	-1513.98	3.090e+05
		3.090e+05	-1743.97	2.03e-04	0.0	92.1	3.991e+04	5912.94	-2.50	-1.059e+04	-1743.97	6.739e+05
240	205	8.603e+05	66.16	-0.09	-745.88	0.0	4.367e+04	7522.05	10.75	9298.26	-923.81	4.379e+05
		4.379e+05	-923.81	1.40e-04	0.0	92.1	4.367e+04	6776.18	10.75	9298.26	66.16	8.603e+05
240	227	9.529e+05	103.21	-0.08	-552.50	0.0	4.647e+04	5003.81	122.16	2.442e+04	-1.115e+04	6.824e+05
		6.824e+05	-1.115e+04	4.14e-04	0.0	92.1	4.647e+04	4451.31	122.16	2.442e+04	103.21	9.529e+05
240	231	1.837e+06	-2914.12	-0.20	-552.50	0.0	7.005e+04	1.506e+04	4.28	-5.314e+04	-3308.34	9.674e+05
		9.674e+05	-3308.34	1.41e-03	0.0	92.1	7.005e+04	1.451e+04	4.28	-5.314e+04	-2914.12	1.837e+06
240	269	6.422e+05	-583.05	-0.06	-552.50	0.0	3.201e+04	5543.67	6.25	5614.37	-1159.00	3.314e+05
		3.314e+05	-1159.00	3.28e-04	0.0	92.1	3.201e+04	4991.17	6.25	5614.37	-583.05	6.422e+05
240	300	5.606e+05	599.31	-0.06	-552.50	0.0	3.431e+04	5561.41	2.76	9113.71	345.62	2.488e+05
		2.488e+05	345.62	3.14e-05	0.0	92.1	3.431e+04	5008.91	2.76	9113.71	599.31	5.606e+05
240	309	6.354e+05	30.31	-0.06	-552.50	0.0	3.226e+04	5554.10	7.90	6764.95	-697.35	3.237e+05
		3.237e+05	-697.35	1.02e-04	0.0	92.1	3.226e+04	5001.60	7.90	6764.95	30.31	6.354e+05
240	313	5.749e+05	797.54	-0.06	-552.50	0.0	3.392e+04	5554.57	4.15	8288.14	415.35	2.633e+05
		2.633e+05	415.35	-5.52e-05	0.0	92.1	3.392e+04	5002.07	4.15	8288.14	797.54	5.749e+05
240	315	8.693e+05	492.24	-0.08	-552.50	0.0	4.304e+04	5142.70	94.47	2.045e+04	-8207.28	5.882e+05
		5.882e+05	-8207.28	2.00e-04	0.0	92.1	4.304e+04	4590.20	94.47	2.045e+04	492.24	8.693e+05
240	316	1.533e+06	-1770.75	-0.17	-552.50	0.0	6.072e+04	1.268e+04	6.07	-3.772e+04	-2329.44	8.019e+05
		8.019e+05	-2329.44	9.44e-04	0.0	92.1	6.072e+04	1.213e+04	6.07	-3.772e+04	-1770.75	1.533e+06
240	324	6.354e+05	30.31	-0.06	-552.50	0.0	3.226e+04	5554.10	7.90	6764.95	-697.35	3.237e+05
		3.237e+05	-697.35	1.02e-04	0.0	92.1	3.226e+04	5001.60	7.90	6764.95	30.31	6.354e+05
240	325	5.284e+05	1073.45	-0.05	-552.50	0.0	3.832e+04	6067.95	-4.34	8578.92	1073.45	2.349e+05
		2.349e+05	1073.45	-3.63e-04	0.0	92.1	3.832e+04	5515.45	-4.34	8578.92	740.53	5.284e+05
240	326	5.246e+05	447.10	-0.05	-552.50	0.0	3.866e+04	6059.03	-6.67	7206.67	447.10	2.383e+05
		2.383e+05	447.10	-19.92	4.80e-04	0.0	3.866e+04	5506.53	-6.67	7206.67	-19.92	5.246e+05
240	327	7.463e+05	80.54	-0.07	-552.50	0.0	2.587e+04	5049.16	22.47	6323.23	-1841.80	4.091e+05
		4.091e+05	-1841.80	-2.76e-04	0.0	92.1	2.587e+04	4496.66	22.47	6323.23	80.54	7.463e+05
240	353	6.070e+05	2909.43	-0.06	-552.50	0.0	3.361e+04	5723.15	8.01	1.050e+04	2210.38	2.923e+05
		2.923e+05	2210.38	-1.89e-03	0.0	92.1	3.361e+04	5170.65	8.01	1.050e+04	2909.43	6.070e+05
240	356	6.639e+05	-2848.81	-0.07	-552.50	0.0	3.092e+04	5385.05	7.80	3027.41	-3605.08	3.551e+05
		3.551e+05	-3605.08	2.09e-03	0.0	92.1	3.092e+04	4832.55	7.80	3027.41	-2848.81	6.639e+05
240	357	5.808e+05	363.72	-0.06	-552.50	0.0	3.533e+04	5814.84	1.66	7639.71	169.16	2.779e+05
		2.779e+05	169.16	-6.88e-05	0.0	92.1	3.533e+04	5262.34	1.66	7639.71	363.72	5.808e+05
240	358	5.780e+05	33.69	-0.06	-552.50	0.0	3.548e+04	5811.93	0.72	7028.87	-101.56	2.806e+05
		2.806e+05	-101.56	2.29e-04	0.0	92.1	3.548e+04	5259.43	0.72	7028.87	33.69	5.780e+05
240	359	6.929e+05	26.93	-0.07	-552.50	0.0	2.905e+04	5296.27	15.09	6501.04	-1293.14	3.668e+05
		3.668e+05	-1293.14	-2.52e-05	0.0	92.1	2.905e+04	4743.77	15.09	6501.04	26.93	6.929e+05
240	385	6.207e+05	1462.42	-0.06	-552.50	0.0	3.295e+04	5639.94	7.93	8644.68	749.81	3.077e+05
		3.077e+05	749.81	-8.87e-04	0.0	92.1	3.295e+04	5087.44	7.93	8644.68	1462.42	6.207e+05
240	388	6.502e+05	-1401.80	-0.06	-552.50	0.0	3.158e+04	5468.26	7.87	4885.23	-2144.51	3.396e+05
		3.396e+05	-2144.51	1.09e-03	0.0	92.1	3.158e+04	4915.76	7.87	4885.23	-1401.80	6.502e+05
241	73	4.194e+06	762.19	0.06	-826.88	0.0	2.011e+05	-5643.01	-3.33	-1.626e+04	762.19	4.194e+06
		3.793e+06	422.75	-8.96e-04	0.0	102.1	2.011e+05	-6469.88	-3.33	-1.626e+04	422.75	3.793e+06
241	74	3.839e+06	-2065.04	0.05	-612.50	0.0	1.803e+05	-5419.44	2.49	-1.161e+04	-2319.53	3.839e+06
		3.460e+06	-2319.53	-9.13e-04	0.0	102.1	1.803e+05	-6031.94	2.49	-1.161e+04	-2065.04	3.460e+06
241	140	8.615e+05	2844.64	0.01	-612.50	0.0	5.205e+04	-464.01	-4.20	-6411.83	2844.64	8.615e+05
		8.122e+05	2416.10	-1.11e-04	0.0	102.1	5.205e+04	-1076.51	-4.20	-6411.83	2416.10	8.122e+05
241	181	1.232e+06	1.005e+04	0.02	-826.87	0.0	7.316e+04	-693.60	114.87	-1.326e+04	7419.50	1.232e+06
		1.160e+06	6093.61	-2.53e-04	-255.72	102.1	7.316e+04	-1520.47	-140.85	-1.326e+04	6093.61	1.160e+06
241	206	8.821e+05	3831.69	0.01	-612.50	0.0	5.161e+04	-460.82	-4.34	-6604.69	3831.69	8.821e+05
		8.327e+05	3388.87	-1.04e-04	0.0	102.1	5.161e+04	-1073.32	-4.34	-6604.69	3388.87	8.327e+05
241	243	2.882e+06	3222.05	0.04	-612.50	0.0	1.358e+05	-3984.27	-3.90	-1.467e+04	3222.05	2.882e+06
		2.597e+06	2824.25	-5.68e-04	0.0	102.1	1.358e+05	-4596.77	-3.90	-1.467e+04	2824.25	2.597e+06
241	268	9.057e+05	4283.10	0.01	-612.50	0.0	5.341e+04	-504.37	-7.14	-8027.01	4283.10	9.057e+05
		8.536e+05	3554.03	-1.22e-04	0.0	102.1	5.341e+04	-1116.87	-7.14	-8027.01	3554.03	8.536e+05
241	270	1.063e+06	1634.05	0.02	-612.50	0.0	6.815e+04	-693.80	-5.65	-5265.60	1634.05	1.063e+06
		9.987e+05	1057.09	-1.50e-04	0.0	102.1	6.815e+04	-1306.30	-5.65	-5265.60	1057.09	9.987e+05

241	281	8.322e+05	4352.09	0.01	-612.50	0.0	5.540e+04	-507.00	-7.32	-7873.91	4352.09	8.322e+05
		7.800e+05	3604.51	-1.08e-04	0.0	102.1	5.540e+04	-1119.50	-7.32	-7873.91	3604.51	7.800e+05
241	302	8.593e+05	7071.85	0.01	-612.50	0.0	5.523e+04	-510.38	75.99	-9380.96	5343.67	8.593e+05
		8.066e+05	4399.19	-1.71e-04	-170.48	102.1	5.523e+04	-1122.88	-94.49	-9380.96	4399.19	8.066e+05
241	309	9.127e+05	4992.10	0.01	-612.50	0.0	5.339e+04	-502.34	-7.20	-8161.93	4992.10	9.127e+05
		8.604e+05	4256.66	-1.18e-04	0.0	102.1	5.339e+04	-1114.84	-7.20	-8161.93	4256.66	8.604e+05
241	311	9.516e+05	3918.76	0.01	-612.50	0.0	5.987e+04	-577.76	-6.73	-7047.66	3918.76	9.516e+05
		8.945e+05	3231.27	-1.16e-04	0.0	102.1	5.987e+04	-1190.26	-6.73	-7047.66	3231.27	8.945e+05
241	313	8.563e+05	5005.68	0.01	-612.50	0.0	5.484e+04	-504.49	-7.38	-8028.06	5005.68	8.563e+05
		8.040e+05	4251.99	-1.09e-04	0.0	102.1	5.484e+04	-1116.99	-7.38	-8028.06	4251.99	8.040e+05
241	319	2.392e+06	4100.91	0.03	-612.50	0.0	1.150e+05	-3112.69	-4.88	-1.310e+04	4100.91	2.392e+06
		2.165e+06	3683.00	-4.07e-04	0.0	102.1	1.150e+05	-3725.19	-4.88	-1.310e+04	3683.00	2.165e+06
241	321	8.645e+05	5399.67	0.01	-612.50	0.0	5.428e+04	-509.65	-6.44	-7576.33	5399.67	8.645e+05
		8.131e+05	4742.10	-1.39e-04	0.0	102.1	5.428e+04	-1122.15	-6.44	-7576.33	4742.10	8.131e+05
241	324	9.127e+05	4992.10	0.01	-612.50	0.0	5.339e+04	-502.34	-7.20	-8161.93	4992.10	9.127e+05
		8.604e+05	4256.66	-1.18e-04	0.0	102.1	5.339e+04	-1114.84	-7.20	-8161.93	4256.66	8.604e+05
241	341	9.491e+05	8075.18	0.01	-612.50	0.0	4.982e+04	-326.74	-3.86	-1.305e+04	8075.18	9.491e+05
		8.993e+05	7543.88	2.67e-04	0.0	102.1	4.982e+04	-939.24	-3.86	-1.305e+04	7543.88	8.993e+05
241	343	9.473e+05	8075.19	0.01	-612.50	0.0	4.990e+04	-372.53	-4.74	-1.345e+04	8075.19	9.473e+05
		8.940e+05	7453.44	2.41e-04	0.0	102.1	4.990e+04	-985.03	-4.74	-1.345e+04	7453.44	8.940e+05
241	344	8.762e+05	1909.02	0.01	-612.50	0.0	5.696e+04	-677.94	-10.55	-3276.26	1909.02	8.762e+05
		8.215e+05	969.43	-2.95e-04	0.0	102.1	5.696e+04	-1290.44	-10.55	-3276.26	969.43	8.215e+05
241	373	9.249e+05	6374.22	0.01	-612.50	0.0	5.289e+04	-429.45	-4.66	-9934.21	6374.22	9.249e+05
		8.713e+05	5685.91	-1.41e-04	0.0	102.1	5.289e+04	-1041.95	-4.66	-9934.21	5685.91	8.713e+05
241	376	9.005e+05	3609.99	0.01	-612.50	0.0	5.390e+04	-575.23	-9.75	-6389.64	3609.99	9.005e+05
		8.495e+05	2927.40	-9.50e-05	0.0	102.1	5.390e+04	-1187.73	-9.75	-6389.64	2927.40	8.495e+05
241	383	9.238e+05	6374.22	0.01	-612.50	0.0	5.294e+04	-480.44	-6.75	-9303.75	6374.22	9.238e+05
		8.716e+05	5597.92	1.60e-04	0.0	102.1	5.294e+04	-1092.94	-6.75	-9303.75	5597.92	8.716e+05
241	384	9.007e+05	3609.99	0.01	-612.50	0.0	5.388e+04	-546.93	-8.10	-7220.88	3609.99	9.007e+05
		8.466e+05	2870.50	-2.10e-04	0.0	102.1	5.388e+04	-1159.43	-8.10	-7220.88	2870.50	8.466e+05
242	73	4.569e+06	-3.404e+04	0.06	-826.88	0.0	2.197e+05	-5691.42	177.90	7.324e+04	-5.220e+04	4.569e+06
		4.159e+06	-5.220e+04	7.22e-04	0.0	102.1	2.197e+05	-6518.30	177.90	7.324e+04	-3.404e+04	4.159e+06
242	124	8.634e+05	-2166.07	0.01	-612.50	0.0	5.047e+04	-381.64	5.39	2469.62	-2716.62	8.634e+05
		8.193e+05	-2716.62	-7.70e-05	0.0	102.1	5.047e+04	-994.14	5.39	2469.62	-2166.07	8.193e+05
242	140	8.522e+05	-2090.67	0.01	-612.50	0.0	5.088e+04	-381.27	5.28	2435.67	-2629.94	8.522e+05
		8.081e+05	-2629.94	-6.98e-05	0.0	102.1	5.088e+04	-993.77	5.28	2435.67	-2090.67	8.081e+05
242	206	8.677e+05	-1073.26	0.01	-612.50	0.0	5.059e+04	-381.94	4.47	2182.26	-1529.18	8.677e+05
		8.234e+05	-1529.18	2.34e-05	0.0	102.1	5.059e+04	-994.44	4.47	2182.26	-1073.26	8.234e+05
242	231	8.137e+05	-1119.59	0.01	-612.50	0.0	5.396e+04	-382.62	3.00	968.10	-1426.13	8.137e+05
		7.692e+05	-1426.13	7.97e-05	0.0	102.1	5.396e+04	-995.12	3.00	968.10	-1119.59	7.692e+05
242	243	3.052e+06	-2.035e+04	0.04	-612.50	0.0	1.433e+05	-3969.37	118.96	4.607e+04	-3.249e+04	3.052e+06
		2.765e+06	-3.249e+04	4.50e-04	0.0	102.1	1.433e+05	-4581.87	118.96	4.607e+04	-2.035e+04	2.765e+06
242	251	8.208e+05	-779.63	0.01	-612.50	0.0	5.376e+04	-387.90	6.10	2809.21	-1401.89	8.208e+05
		7.771e+05	-1401.89	-7.85e-05	0.0	102.1	5.376e+04	-1000.40	6.10	2809.21	-779.63	7.771e+05
242	268	8.869e+05	-1625.02	0.01	-612.50	0.0	5.183e+04	-386.26	5.03	2212.01	-2138.64	8.869e+05
		8.428e+05	-2138.64	-4.92e-05	0.0	102.1	5.183e+04	-998.76	5.03	2212.01	-1625.02	8.428e+05
242	309	8.898e+05	-899.10	0.01	-612.50	0.0	5.190e+04	-386.46	4.42	2020.87	-1349.84	8.898e+05
		8.455e+05	-1349.84	2.26e-05	0.0	102.1	5.190e+04	-998.96	4.42	2020.87	-899.10	8.455e+05
242	316	8.334e+05	-621.01	0.01	-612.50	0.0	5.344e+04	-383.81	3.03	1158.50	-930.10	8.334e+05
		7.889e+05	-930.10	7.76e-05	0.0	102.1	5.344e+04	-996.31	3.03	1158.50	-621.01	7.889e+05
242	319	2.512e+06	-1.504e+04	0.03	-612.50	0.0	1.204e+05	-3073.87	89.99	3.499e+04	-2.423e+04	2.512e+06
		2.285e+06	-2.423e+04	3.41e-04	0.0	102.1	1.204e+05	-3686.37	89.99	3.499e+04	-1.504e+04	2.285e+06
242	321	8.387e+05	-366.04	0.01	-612.50	0.0	5.328e+04	-387.78	5.35	2539.32	-911.92	8.387e+05
		7.948e+05	-911.92	-3.82e-05	0.0	102.1	5.328e+04	-1000.28	5.35	2539.32	-366.04	7.948e+05
242	324	8.898e+05	-899.10	0.01	-612.50	0.0	5.190e+04	-386.46	4.42	2020.87	-1349.84	8.898e+05
		8.455e+05	-1349.84	2.26e-05	0.0	102.1	5.190e+04	-998.96	4.42	2020.87	-899.10	8.455e+05
242	341	9.035e+05	2349.27	0.01	-612.50	0.0	5.296e+04	-385.56	6.46	-2127.17	1868.85	9.035e+05
		8.596e+05	1868.85	2.67e-04	0.0	102.1	5.296e+04	-998.06	6.46	-2127.17	2349.27	8.596e+05
242	342	8.780e+05	-4105.26	0.01	-612.50	0.0	5.078e+04	-421.56	2.79	6203.89	-4568.53	8.780e+05
		8.356e+05	-4568.53	-2.76e-04	0.0	102.1	5.078e+04	-1034.06	2.79	6203.89	-4105.26	8.356e+05
242	343	9.015e+05	2307.05	0.01	-612.50	0.0	5.303e+04	-351.36	6.05	-2162.15	1868.85	9.015e+05
		8.553e+05	1868.85	2.57e-04	0.0	102.1	5.303e+04	-963.86	6.05	-2162.15	2307.05	8.553e+05
242	344	8.760e+05	-4147.48	0.01	-612.50	0.0	5.085e+04	-387.36	2.37	6168.91	-4568.53	8.760e+05
		8.313e+05	-4568.53	-2.86e-04	0.0	102.1	5.085e+04	-999.86	2.37	6168.91	-4147.48	8.313e+05
242	347	9.015e+05	2359.59	0.01	-612.50	0.0	5.303e+04	-351.48	6.56	-2155.13	1868.85	9.015e+05
		8.553e+05	1868.85	2.55e-04	0.0	102.1	5.303e+04	-963.98	6.56	-2155.13	2359.59	8.553e+05
242	373	8.936e+05	423.65	0.01	-612.50	0.0	5.182e+04	-400.54	5.03	612.89	-28.67	8.936e+05
		8.497e+05	-28.67	1.12e-05	0.0	102.1	5.182e+04	-1013.04	5.03	612.89	423.65	8.497e+05
242	376	8.859e+05	-2221.86	0.01	-612.50	0.0	5.199e+04	-372.38	3.80	3428.85	-2671.01	8.859e+05
		8.413e+05	-2671.01	4.47e-05	0.0	102.1	5.199e+04	-984.88	3.80	3428.85	-2221.86	8.413e+05
242	381	8.939e+05	427.17	0.01	-612.50	0.0	5.184e+04	-402.98	4.97	891.79	-28.67	8.939e+05
		8.502e+05	-28.67	1.74e-04	0.0	102.1	5.184e+04	-1015.48	4.97	891.79	427.17	8.502e+05
242	384	8.856e+05	-2225.37	0.01	-612.50	0.0	5.197e+04	-369.94	3.86	3149.96	-2671.01	8.856e+05
		8.408e+05	-2671.01	-1.93e-04	0.0	102.1	5.197e+04	-982.44	3.86	3149.96	-2225.37	8.408e+05
242	387	8.929e+05	432.36	0.01	-612.50	0.0	5.187e+04	-386.12	5.02	877.81	-28.67	8.929e+05
		8.480e+05	-28.67	1.68e-04	0.0	102.1	5.187e+04	-998.62	5.02	877.81	432.36	8.480e+05
243	73	5.082e+06	1.186e+04	0.07	-826.88	0.0	2.436e+05	-6960.76	-97.90	-2.536e+04	1.186e+04	5.082e+06

		4.587e+06	1863.53	-3.02e-04	0.0	102.1	2.436e+05	-7787.63	-97.90	-2.536e+04	1863.53	4.587e+06
243	82	1.786e+06	-4529.27	0.02	-612.50	0.0	9.978e+04	228.97	-5.05	-47.61	-4529.27	1.781e+06
		1.774e+06	-5044.53	-1.09e-04	0.0	102.1	9.978e+04	-383.53	-5.05	-47.61	-5044.53	1.774e+06
243	162	8.661e+05	800.32	0.01	-612.50	0.0	5.043e+04	-382.16	-4.07	-2179.37	800.32	8.661e+05
		8.217e+05	384.55	-2.28e-05	0.0	102.1	5.043e+04	-994.66	-4.07	-2179.37	384.55	8.217e+05
243	178	8.550e+05	699.68	0.01	-612.50	0.0	5.084e+04	-381.75	-3.93	-2114.87	699.68	8.550e+05
		8.106e+05	298.78	-2.38e-05	0.0	102.1	5.084e+04	-994.25	-3.93	-2114.87	298.78	8.106e+05
243	231	8.105e+05	1253.49	0.01	-612.50	0.0	5.432e+04	-387.65	-5.57	-3155.77	1253.49	8.105e+05
		7.668e+05	684.70	8.78e-05	0.0	102.1	5.432e+04	-1000.15	-5.57	-3155.77	684.70	7.668e+05
243	243	3.305e+06	1.197e+04	0.05	-612.50	0.0	1.542e+05	-4686.02	-76.92	-2.275e+04	1.197e+04	3.305e+06
		2.970e+06	4119.79	-2.56e-04	0.0	102.1	1.542e+05	-5298.52	-76.92	-2.275e+04	4119.79	2.970e+06
243	270	1.284e+06	-2495.18	0.02	-612.50	0.0	7.984e+04	-853.79	0.15	1936.96	-2510.92	1.284e+06
		1.208e+06	-2510.92	-1.04e-04	0.0	102.1	7.984e+04	-1466.29	0.15	1936.96	-2495.18	1.208e+06
243	287	8.887e+05	866.76	0.01	-612.50	0.0	5.180e+04	-386.61	-4.16	-2019.37	866.76	8.887e+05
		8.444e+05	442.59	-2.22e-05	0.0	102.1	5.180e+04	-999.11	-4.16	-2019.37	442.59	8.444e+05
243	310	8.906e+05	713.89	0.01	-612.50	0.0	5.189e+04	-386.63	-3.98	-1924.54	713.89	8.906e+05
		8.463e+05	307.89	-2.46e-05	0.0	102.1	5.189e+04	-999.13	-3.98	-1924.54	307.89	8.463e+05
243	311	1.024e+06	75.24	0.01	-612.50	0.0	6.372e+04	-575.01	-2.65	-496.12	75.24	1.024e+06
		9.676e+05	-195.39	-2.72e-05	0.0	102.1	6.372e+04	-1187.51	-2.65	-496.12	-195.39	9.676e+05
243	316	8.297e+05	1754.54	0.01	-612.50	0.0	5.373e+04	-387.33	-5.61	-2943.73	1754.54	8.297e+05
		7.858e+05	1181.66	9.13e-05	0.0	102.1	5.373e+04	-999.83	-5.61	-2943.73	1181.66	7.858e+05
243	319	2.701e+06	9793.16	0.04	-612.50	0.0	1.287e+05	-3611.11	-59.12	-1.764e+04	9793.16	2.701e+06
		2.438e+06	3757.97	-1.96e-04	0.0	102.1	1.287e+05	-4223.61	-59.12	-1.764e+04	3757.97	2.438e+06
243	324	8.898e+05	1349.83	0.01	-612.50	0.0	5.190e+04	-386.46	-4.42	-2020.87	1349.83	8.898e+05
		8.455e+05	899.10	-2.26e-05	0.0	102.1	5.190e+04	-998.96	-4.42	-2020.87	899.10	8.455e+05
243	343	8.769e+05	4620.12	0.01	-612.50	0.0	5.091e+04	-398.39	-1.91	-6085.66	4620.12	8.769e+05
		8.311e+05	4313.70	2.92e-04	0.0	102.1	5.091e+04	-1010.89	-1.91	-6085.66	4313.70	8.311e+05
243	344	9.007e+05	-1920.45	0.01	-612.50	0.0	5.297e+04	-340.57	-7.54	2064.88	-1920.45	9.007e+05
		8.556e+05	-2578.36	-2.58e-04	0.0	102.1	5.297e+04	-953.07	-7.54	2064.88	-2578.36	8.556e+05
243	345	8.789e+05	4620.12	0.01	-612.50	0.0	5.084e+04	-432.47	-1.81	-6113.63	4620.12	8.789e+05
		8.354e+05	4324.02	2.79e-04	0.0	102.1	5.084e+04	-1044.97	-1.81	-6113.63	4324.02	8.354e+05
243	346	9.027e+05	-1920.45	0.01	-612.50	0.0	5.290e+04	-374.65	-7.43	2036.91	-1920.45	9.027e+05
		8.598e+05	-2568.04	-2.71e-04	0.0	102.1	5.290e+04	-987.15	-7.43	2036.91	-2568.04	8.598e+05
243	347	8.768e+05	4620.12	0.01	-612.50	0.0	5.091e+04	-398.27	-1.40	-6078.64	4620.12	8.768e+05
		8.311e+05	4366.24	2.90e-04	0.0	102.1	5.091e+04	-1010.77	-1.40	-6078.64	4366.24	8.311e+05
243	348	9.007e+05	-1920.45	0.01	-612.50	0.0	5.297e+04	-340.45	-7.02	2071.89	-1920.45	9.007e+05
		8.556e+05	-2525.81	-2.60e-04	0.0	102.1	5.297e+04	-952.95	-7.02	2071.89	-2525.81	8.556e+05
243	378	8.936e+05	28.67	0.01	-612.50	0.0	5.182e+04	-400.54	-5.03	-612.89	28.67	8.936e+05
		8.497e+05	-423.66	-1.12e-05	0.0	102.1	5.182e+04	-1013.04	-5.03	-612.89	-423.66	8.497e+05
243	379	8.859e+05	2671.00	0.01	-612.50	0.0	5.199e+04	-372.38	-3.80	-3428.84	2671.00	8.859e+05
		8.413e+05	2221.86	-4.47e-05	0.0	102.1	5.199e+04	-984.88	-3.80	-3428.84	2221.86	8.413e+05
243	383	8.856e+05	2671.00	0.01	-612.50	0.0	5.197e+04	-370.00	-4.11	-3153.46	2671.00	8.856e+05
		8.408e+05	2199.29	1.94e-04	0.0	102.1	5.197e+04	-982.50	-4.11	-3153.46	2199.29	8.408e+05
243	384	8.929e+05	28.67	0.01	-612.50	0.0	5.187e+04	-386.12	-5.02	-877.81	28.67	8.929e+05
		8.480e+05	-432.36	-1.68e-04	0.0	102.1	5.187e+04	-998.62	-5.02	-877.81	-432.36	8.480e+05
243	386	8.939e+05	28.67	0.01	-612.50	0.0	5.184e+04	-402.98	-4.97	-891.78	28.67	8.939e+05
		8.502e+05	-427.17	-1.74e-04	0.0	102.1	5.184e+04	-1015.48	-4.97	-891.78	-427.17	8.502e+05
243	387	8.856e+05	2671.00	0.01	-612.50	0.0	5.197e+04	-369.94	-3.86	-3149.95	2671.00	8.856e+05
		8.408e+05	2225.37	1.93e-04	0.0	102.1	5.197e+04	-982.44	-3.86	-3149.95	2225.37	8.408e+05
244	73	5.531e+06	-2.891e+04	0.08	-826.87	0.0	2.661e+05	-8003.03	14.83	5.068e+04	-3.043e+04	5.531e+06
		4.970e+06	-3.043e+04	8.18e-04	0.0	102.1	2.661e+05	-8829.90	14.83	5.068e+04	-2.891e+04	4.970e+06
244	162	8.800e+05	-4020.75	0.01	-612.50	0.0	5.117e+04	-459.90	4.87	6612.60	-4517.43	8.800e+05
		8.305e+05	-4517.43	1.03e-04	0.0	102.1	5.117e+04	-1072.40	4.87	6612.60	-4020.75	8.305e+05
244	178	8.700e+05	-4115.55	0.01	-612.50	0.0	5.157e+04	-459.75	4.84	6649.35	-4609.62	8.700e+05
		8.204e+05	-4609.62	1.02e-04	0.0	102.1	5.157e+04	-1072.25	4.84	6649.35	-4115.55	8.204e+05
244	206	8.821e+05	-3388.87	0.01	-612.50	0.0	5.161e+04	-460.82	4.34	6604.69	-3831.69	8.821e+05
		8.327e+05	-3831.69	1.04e-04	0.0	102.1	5.161e+04	-1073.32	4.34	6604.69	-3388.87	8.327e+05
244	231	8.288e+05	-4480.55	0.01	-612.50	0.0	5.583e+04	-516.68	6.71	7120.97	-5165.73	8.288e+05
		7.772e+05	-5165.73	1.58e-04	0.0	102.1	5.583e+04	-1129.18	6.71	7120.97	-4480.55	7.772e+05
244	243	3.547e+06	-1.773e+04	0.05	-612.50	0.0	1.652e+05	-5483.63	12.81	3.215e+04	-1.904e+04	3.547e+06
		3.159e+06	-1.904e+04	5.24e-04	0.0	102.1	1.652e+05	-6096.13	12.81	3.215e+04	-1.773e+04	3.159e+06
244	251	8.341e+05	-4225.00	0.01	-612.50	0.0	5.572e+04	-492.12	8.94	8847.65	-5137.30	8.341e+05
		7.803e+05	-5137.30	8.35e-05	0.0	102.1	5.572e+04	-1104.62	8.94	8847.65	-4225.00	7.803e+05
244	287	9.113e+05	-4675.42	0.01	-612.50	0.0	5.310e+04	-501.73	7.56	8166.90	-5446.68	9.113e+05
		8.589e+05	-5446.68	1.18e-04	0.0	102.1	5.310e+04	-1114.23	7.56	8166.90	-4675.42	8.589e+05
244	310	9.154e+05	-4817.35	0.01	-612.50	0.0	5.324e+04	-501.02	7.41	8231.87	-5573.89	9.154e+05
		8.631e+05	-5573.89	1.17e-04	0.0	102.1	5.324e+04	-1113.52	7.41	8231.87	-4817.35	8.631e+05
244	316	8.477e+05	-4004.19	0.01	-612.50	0.0	5.534e+04	-513.98	6.68	7329.88	-4685.98	8.477e+05
		7.960e+05	-4685.98	1.50e-04	0.0	102.1	5.534e+04	-1126.48	6.68	7329.88	-4004.19	7.960e+05
244	319	2.886e+06	-1.394e+04	0.04	-612.50	0.0	1.374e+05	-4239.19	11.25	2.610e+04	-1.509e+04	2.886e+06
		2.583e+06	-1.509e+04	4.25e-04	0.0	102.1	1.374e+05	-4851.69	11.25	2.610e+04	-1.394e+04	2.583e+06
244	321	8.516e+05	-3812.53	0.01	-612.50	0.0	5.525e+04	-495.55	8.35	8624.89	-4664.66	8.516e+05
		7.984e+05	-4664.66	9.12e-05	0.0	102.1	5.525e+04	-1108.05	8.35	8624.89	-3812.53	7.984e+05
244	324	9.127e+05	-4256.66	0.01	-612.50	0.0	5.339e+04	-502.34	7.20	8161.93	-4992.10	9.127e+05
		8.604e+05	-4256.66	1.18e-04	0.0	102.1	5.339e+04	-1114.84	7.20	8161.93	-4256.66	8.604e+05
244	344	9.474e+05	-7927.86	0.01	-612.50	0.0	5.012e+04	-367.97	1.82	1.329e+04	-8208.33	9.474e+05
		8.954e+05	-8208.33	-2.46e-04	0.0	102.1	5.012e+04	-980.47	1.82	1.329e+04	-7927.86	8.954e+05

244	346	9.492e+05	-7938.40	0.01	-612.50	0.0	5.005e+04	-323.26	1.72	1.291e+04	-8208.32	9.492e+05
		9.006e+05	-8208.32	-2.75e-04	0.0	102.1	5.005e+04	-935.76	1.72	1.291e+04	-7938.40	9.006e+05
244	347	8.761e+05	-574.92	0.01	-612.50	0.0	5.673e+04	-681.42	12.69	3417.34	-1775.89	8.761e+05
		8.202e+05	-1775.89	3.04e-04	0.0	102.1	5.673e+04	-1293.92	12.69	3417.34	-574.92	8.202e+05
244	376	9.240e+05	-5580.63	0.01	-612.50	0.0	5.292e+04	-451.61	4.71	1.013e+04	-6374.22	9.240e+05
		8.687e+05	-6374.22	1.49e-04	0.0	102.1	5.292e+04	-1064.11	4.71	1.013e+04	-5580.63	8.687e+05
244	378	9.249e+05	-5585.91	0.01	-612.50	0.0	5.289e+04	-429.45	4.66	9934.21	-6374.22	9.249e+05
		8.713e+05	-6374.22	1.41e-04	0.0	102.1	5.289e+04	-1041.95	4.66	9934.21	-5585.91	8.713e+05
244	379	9.005e+05	-2927.41	0.01	-612.50	0.0	5.390e+04	-575.23	9.75	6389.66	-3609.99	9.005e+05
		8.495e+05	-3609.99	9.50e-05	0.0	102.1	5.390e+04	-1187.73	9.75	6389.66	-2927.41	8.495e+05
244	387	9.007e+05	-2870.51	0.01	-612.50	0.0	5.388e+04	-546.93	8.10	7220.88	-3609.99	9.007e+05
		8.466e+05	-3609.99	2.10e-04	0.0	102.1	5.388e+04	-1159.43	8.10	7220.88	-2870.51	8.466e+05
245	73	2.598e+06	7011.57	-0.28	-745.88	0.0	1.023e+05	2.145e+04	-154.15	-1.276e+05	7011.57	1.380e+06
		1.380e+06	-7182.77	3.60e-03	0.0	92.1	1.023e+05	2.070e+04	-154.15	-1.276e+05	-7182.77	2.598e+06
245	74	2.346e+06	3787.99	-0.25	-552.50	0.0	8.934e+04	1.930e+04	-139.48	-1.287e+05	3787.99	1.247e+06
		1.247e+06	-9055.35	3.40e-03	0.0	92.1	8.934e+04	1.875e+04	-139.48	-1.287e+05	-9055.35	2.346e+06
245	124	6.247e+05	4107.82	-0.06	-552.50	0.0	3.188e+04	5485.14	-31.20	-2682.67	4107.82	3.239e+05
		3.239e+05	1235.25	7.28e-04	0.0	92.1	3.188e+04	4932.64	-31.20	-2682.67	1235.25	6.247e+05
245	154	6.323e+05	4300.14	-0.07	-552.50	0.0	3.819e+04	6200.06	-45.36	-2.518e+04	4300.14	2.888e+05
		2.888e+05	122.94	9.45e-04	0.0	92.1	3.819e+04	5647.56	-45.36	-2.518e+04	122.94	6.323e+05
245	181	8.763e+05	9580.96	-0.09	-745.88	0.0	4.551e+04	7702.41	67.29	-81.72	8681.74	4.507e+05
		4.507e+05	4257.74	7.53e-04	-230.67	92.1	4.551e+04	6956.53	-163.38	-81.72	4257.74	8.763e+05
245	243	1.767e+06	5094.36	-0.19	-552.50	0.0	6.775e+04	1.453e+04	-90.95	-5.598e+04	5094.36	9.427e+05
		9.427e+05	-3280.95	2.25e-03	0.0	92.1	6.775e+04	1.398e+04	-90.95	-5.598e+04	-3280.95	1.767e+06
245	268	6.473e+05	5347.85	-0.06	-552.50	0.0	3.308e+04	5640.68	-33.38	-1174.04	5347.85	3.368e+05
		3.368e+05	2274.10	6.57e-04	0.0	92.1	3.308e+04	5088.18	-33.38	-1174.04	2274.10	6.473e+05
245	281	5.727e+05	5529.10	-0.06	-552.50	0.0	3.516e+04	5639.86	-34.88	-2521.84	5529.10	2.606e+05
		2.606e+05	2316.80	6.36e-04	0.0	92.1	3.516e+04	5087.36	-34.88	-2521.84	2316.80	5.727e+05
245	302	5.967e+05	6865.28	-0.06	-552.50	0.0	3.489e+04	5679.19	40.81	-1252.82	6368.26	2.820e+05
		2.820e+05	3046.15	5.44e-04	-153.78	92.1	3.489e+04	5126.69	-112.97	-1252.82	3046.15	5.967e+05
245	309	6.502e+05	5666.74	-0.06	-552.50	0.0	3.318e+04	5656.40	-31.30	-85.75	5666.74	3.369e+05
		3.369e+05	2784.16	4.31e-04	0.0	92.1	3.318e+04	5103.90	-31.30	-85.75	2784.16	6.502e+05
245	313	5.935e+05	5802.88	-0.06	-552.50	0.0	3.471e+04	5648.95	-32.71	-1317.48	5802.88	2.796e+05
		2.796e+05	2791.01	4.35e-04	0.0	92.1	3.471e+04	5096.45	-32.71	-1317.48	2791.01	5.935e+05
245	316	6.023e+05	6662.34	-0.06	-552.50	0.0	3.412e+04	5629.49	-33.78	840.41	6662.34	2.911e+05
		2.911e+05	3552.10	2.25e-04	0.0	92.1	3.412e+04	5076.99	-33.78	840.41	3552.10	6.023e+05
245	319	1.488e+06	5477.13	-0.16	-552.50	0.0	5.910e+04	1.231e+04	-75.17	-4.174e+04	5477.13	7.908e+05
		7.908e+05	-1445.05	1.68e-03	0.0	92.1	5.910e+04	1.175e+04	-75.17	-4.174e+04	-1445.05	1.488e+06
245	324	6.502e+05	5666.74	-0.06	-552.50	0.0	3.318e+04	5656.40	-31.30	-85.75	5666.74	3.369e+05
		3.369e+05	2784.16	4.31e-04	0.0	92.1	3.318e+04	5103.90	-31.30	-85.75	2784.16	6.502e+05
245	341	6.006e+05	6683.83	-0.06	-552.50	0.0	3.635e+04	5438.02	-20.18	-6223.48	6683.83	3.017e+05
		3.017e+05	3681.87	-6.44e-04	0.0	92.1	3.635e+04	4885.52	-20.18	-6223.48	3681.87	6.006e+05
245	344	6.999e+05	4649.64	-0.07	-552.50	0.0	3.002e+04	5874.77	-42.43	6051.98	4649.64	3.721e+05
		3.721e+05	1886.44	1.51e-03	0.0	92.1	3.002e+04	5322.27	-42.43	6051.98	1886.44	6.999e+05
245	351	6.340e+05	6794.18	-0.07	-552.50	0.0	3.203e+04	5615.25	-20.59	3028.59	6794.18	3.217e+05
		3.217e+05	4001.87	-3.88e-04	0.0	92.1	3.203e+04	5062.75	-20.59	3028.59	4001.87	6.340e+05
245	352	6.839e+05	4639.01	-0.06	-552.50	0.0	3.394e+04	5713.57	-42.44	-2847.42	4639.01	3.681e+05
		3.681e+05	1461.05	1.23e-03	0.0	92.1	3.394e+04	5161.07	-42.44	-2847.42	1461.05	6.839e+05
245	361	6.319e+05	5744.51	-0.06	-552.50	0.0	3.337e+04	5635.77	-29.33	59.53	5744.51	3.200e+05
		3.200e+05	3059.80	3.31e-04	0.0	92.1	3.337e+04	5083.27	-29.33	59.53	3059.80	6.319e+05
245	364	6.685e+05	5588.96	-0.06	-552.50	0.0	3.299e+04	5677.03	-33.27	-231.04	5588.96	3.537e+05
		3.537e+05	2508.52	5.31e-04	0.0	92.1	3.299e+04	5124.53	-33.27	-231.04	2508.52	6.685e+05
245	382	6.583e+05	5108.67	-0.06	-552.50	0.0	3.376e+04	5676.72	-36.61	-1637.18	5108.67	3.444e+05
		3.444e+05	2180.93	8.38e-04	0.0	92.1	3.376e+04	5124.22	-36.61	-1637.18	2180.93	6.583e+05
245	383	6.422e+05	6224.80	-0.07	-552.50	0.0	3.261e+04	5636.07	-26.00	1465.67	6224.80	3.294e+05
		3.294e+05	3387.38	-8.28e-05	0.0	92.1	3.261e+04	5083.57	-26.00	1465.67	3387.38	6.422e+05
245	384	6.670e+05	5158.02	-0.06	-552.50	0.0	3.356e+04	5684.72	-36.82	-1460.95	5158.02	3.524e+05
		3.524e+05	2128.82	8.26e-04	0.0	92.1	3.356e+04	5132.22	-36.82	-1460.95	2128.82	6.670e+05
246	65	1.493e+06	-4260.14	-0.13	-745.88	0.0	7.503e+04	9216.27	115.55	-1.938e+04	-1.490e+04	9.775e+05
		9.775e+05	-1.490e+04	9.06e-04	0.0	92.1	7.503e+04	8470.40	115.55	-1.938e+04	-4260.14	1.493e+06
246	73	2.798e+06	-8320.40	-0.30	-745.88	0.0	1.109e+05	2.299e+04	-8.47	-1.209e+05	-8320.40	1.467e+06
		1.467e+06	-9100.52	2.33e-03	0.0	92.1	1.109e+05	2.224e+04	-8.47	-1.209e+05	-9100.52	2.798e+06
246	124	6.171e+05	-1028.92	-0.06	-552.50	0.0	3.139e+04	5370.41	3.78	3544.94	-1377.14	3.172e+05
		3.172e+05	-1377.14	4.41e-04	0.0	92.1	3.139e+04	4817.91	3.78	3544.94	-1028.92	6.171e+05
246	178	6.071e+05	-750.18	-0.06	-552.50	0.0	3.183e+04	5406.27	6.44	6197.54	-1343.45	3.047e+05
		3.047e+05	-1343.45	2.78e-04	0.0	92.1	3.183e+04	4853.77	6.44	6197.54	-750.18	6.071e+05
246	205	8.603e+05	66.17	-0.09	-745.88	0.0	4.367e+04	7522.05	10.75	9298.24	-923.80	4.379e+05
		4.379e+05	-923.80	1.40e-04	0.0	92.1	4.367e+04	6776.18	10.75	9298.24	66.17	8.603e+05
246	239	8.688e+05	695.06	-0.08	-552.50	0.0	4.355e+04	4860.02	95.99	2.209e+04	-8143.98	6.031e+05
		6.031e+05	-8143.98	3.42e-04	0.0	92.1	4.355e+04	4307.52	95.99	2.209e+04	695.06	8.688e+05
246	243	1.835e+06	-2890.41	-0.20	-552.50	0.0	7.010e+04	1.506e+04	4.12	-5.310e+04	-3270.27	9.655e+05
		9.655e+05	-3270.27	1.40e-03	0.0	92.1	7.010e+04	1.451e+04	4.12	-5.310e+04	-2890.41	1.835e+06
246	268	6.341e+05	-561.46	-0.06	-552.50	0.0	3.220e+04	5538.40	5.53	5356.38	-1070.68	3.237e+05
		3.237e+05	-1070.68	3.38e-04	0.0	92.1	3.220e+04	4985.90	5.53	5356.38	-561.46	6.341e+05
246	300	5.626e+05	-336.37	-0.06	-552.50	0.0	3.433e+04	5571.69	5.74	6878.17	-865.13	2.496e+05
		2.496e+05	-865.13	2.44e-04	0.0	92.1	3.433e+04	5019.19	5.74	6878.17	-336.37	5.626e+05
246	310	6.354e+05	-462.54	-0.06	-552.50	0.0	3.226e+04	5552.61	6.44	6266.69	-1055.59	3.240e+05

		3.240e+05	-1055.59	2.68e-04	0.0	92.1	3.226e+04	5000.11	6.44	6266.69	-462.54	6.354e+05
246	313	5.806e+05	64.27	-0.06	-552.50	0.0	3.382e+04	5562.02	6.58	6558.32	-541.70	2.682e+05
		2.682e+05	-541.70	1.14e-04	0.0	92.1	3.382e+04	5009.52	6.58	6558.32	64.27	5.806e+05
246	318	8.105e+05	898.76	-0.07	-552.50	0.0	4.073e+04	5034.67	75.05	1.863e+04	-6012.52	5.330e+05
		5.330e+05	-6012.52	1.57e-04	0.0	92.1	4.073e+04	4482.17	75.05	1.863e+04	898.76	8.105e+05
246	319	1.535e+06	-1790.34	-0.17	-552.50	0.0	6.065e+04	1.268e+04	6.16	-3.776e+04	-2357.24	8.048e+05
		8.048e+05	-2357.24	9.51e-04	0.0	92.1	6.065e+04	1.213e+04	6.16	-3.776e+04	-1790.34	1.535e+06
246	324	6.354e+05	30.31	-0.06	-552.50	0.0	3.226e+04	5554.10	7.90	6764.94	-697.34	3.237e+05
		3.237e+05	-697.34	1.02e-04	0.0	92.1	3.226e+04	5001.60	7.90	6764.94	30.31	6.354e+05
246	325	6.043e+05	550.95	-0.06	-552.50	0.0	3.327e+04	5578.51	5.31	9011.72	124.24	2.941e+05
		2.941e+05	124.24	-2.23e-04	0.0	92.1	3.327e+04	5026.01	5.31	9011.72	550.95	6.043e+05
246	328	6.665e+05	-490.32	-0.06	-552.50	0.0	3.126e+04	5529.68	10.50	4518.15	-1518.92	3.533e+05
		3.533e+05	-1518.92	4.27e-04	0.0	92.1	3.126e+04	4977.18	10.50	4518.15	-490.32	6.665e+05
246	341	6.157e+05	1103.09	-0.06	-552.50	0.0	3.347e+04	5594.34	10.99	1.297e+04	323.18	3.060e+05
		3.060e+05	323.18	-1.01e-03	0.0	92.1	3.347e+04	5041.84	10.99	1.297e+04	1103.09	6.157e+05
246	344	6.552e+05	-1042.46	-0.06	-552.50	0.0	3.106e+04	5513.86	4.82	556.21	-1717.86	3.414e+05
		3.414e+05	-1717.86	1.21e-03	0.0	92.1	3.106e+04	4961.36	4.82	556.21	-1042.46	6.552e+05
246	348	6.551e+05	-1039.97	-0.06	-552.50	0.0	3.107e+04	5513.82	5.07	542.36	-1737.33	3.413e+05
		3.413e+05	-1737.33	1.22e-03	0.0	92.1	3.107e+04	4961.32	5.07	542.36	-1039.97	6.551e+05
246	349	6.200e+05	1171.29	-0.06	-552.50	0.0	3.267e+04	5578.53	10.63	9794.52	309.54	3.081e+05
		3.081e+05	309.54	-7.47e-04	0.0	92.1	3.267e+04	5026.03	10.63	9794.52	1171.29	6.200e+05
246	361	6.205e+05	299.64	-0.06	-552.50	0.0	3.264e+04	5563.86	6.54	7408.94	-289.22	3.092e+05
		3.092e+05	-289.22	-2.02e-05	0.0	92.1	3.264e+04	5011.36	6.54	7408.94	299.64	6.205e+05
246	364	6.503e+05	-239.01	-0.06	-552.50	0.0	3.188e+04	5544.33	9.26	6120.93	-1105.46	3.382e+05
		3.382e+05	-1105.46	2.24e-04	0.0	92.1	3.188e+04	4991.83	9.26	6120.93	-239.01	6.503e+05
246	373	6.282e+05	715.45	-0.06	-552.50	0.0	3.245e+04	5563.82	9.19	8213.04	-60.36	3.162e+05
		3.162e+05	-60.36	-4.85e-04	0.0	92.1	3.245e+04	5011.32	9.19	8213.04	715.45	6.282e+05
246	380	6.426e+05	-653.55	-0.06	-552.50	0.0	3.209e+04	5544.35	6.74	5309.75	-1344.06	3.311e+05
		3.311e+05	-1344.06	6.89e-04	0.0	92.1	3.209e+04	4991.85	6.74	5309.75	-653.55	6.426e+05
247	65	1.640e+06	4960.44	-0.15	-745.88	0.0	8.353e+04	9540.86	-151.10	-1.003e+05	4960.44	1.107e+06
		1.107e+06	-8952.83	6.20e-04	0.0	92.1	8.353e+04	8794.99	-151.10	-1.003e+05	-8952.83	1.640e+06
247	73	3.044e+06	-3467.79	-0.33	-745.88	0.0	1.222e+05	2.502e+04	-112.94	-1.512e+05	-3467.79	1.599e+06
		1.599e+06	-1.387e+04	1.45e-03	0.0	92.1	1.222e+05	2.428e+04	-112.94	-1.512e+05	-1.387e+04	3.044e+06
247	140	6.073e+05	236.84	-0.06	-552.50	0.0	3.184e+04	5410.46	-10.79	-7752.00	236.84	3.037e+05
		3.037e+05	-756.83	2.33e-04	0.0	92.1	3.184e+04	4857.96	-10.79	-7752.00	-756.83	6.073e+05
247	162	6.172e+05	297.62	-0.06	-552.50	0.0	3.140e+04	5374.90	-8.19	-5046.33	297.62	3.162e+05
		3.162e+05	-456.20	6.09e-05	0.0	92.1	3.140e+04	4822.40	-8.19	-5046.33	-456.20	6.172e+05
247	231	5.526e+05	1205.25	-0.06	-552.50	0.0	3.471e+04	5578.89	-9.91	-4782.13	1205.25	2.382e+05
		2.382e+05	292.55	-1.30e-04	0.0	92.1	3.471e+04	5026.39	-9.91	-4782.13	292.55	5.526e+05
247	239	8.908e+05	4352.39	-0.08	-552.50	0.0	4.529e+04	4584.65	-90.50	-3.447e+04	4352.39	6.407e+05
		6.407e+05	-3981.01	1.60e-04	0.0	92.1	4.529e+04	4032.15	-90.50	-3.447e+04	-3981.01	8.908e+05
247	243	1.931e+06	-1890.73	-0.21	-552.50	0.0	7.391e+04	1.605e+04	-62.23	-7.219e+04	-1890.73	1.005e+06
		1.005e+06	-7621.46	7.73e-04	0.0	92.1	7.391e+04	1.550e+04	-62.23	-7.219e+04	-7621.46	1.931e+06
247	287	6.342e+05	354.18	-0.06	-552.50	0.0	3.221e+04	5541.38	-8.45	-6352.88	354.18	3.230e+05
		3.230e+05	-424.24	-4.61e-06	0.0	92.1	3.221e+04	4988.88	-8.45	-6352.88	-424.24	6.342e+05
247	309	6.354e+05	697.33	-0.06	-552.50	0.0	3.226e+04	5554.10	-7.90	-6764.95	697.33	3.237e+05
		3.237e+05	-30.32	-1.02e-04	0.0	92.1	3.226e+04	5001.60	-7.90	-6764.95	-30.32	6.354e+05
247	316	5.733e+05	1345.85	-0.06	-552.50	0.0	3.410e+04	5571.58	-8.30	-4903.71	1345.85	2.598e+05
		2.598e+05	581.22	-2.48e-04	0.0	92.1	3.410e+04	5019.08	-8.30	-4903.71	581.22	5.733e+05
247	318	8.270e+05	3706.20	-0.07	-552.50	0.0	4.203e+04	4825.91	-68.74	-2.717e+04	3706.20	5.617e+05
		5.617e+05	-2623.94	-3.06e-05	0.0	92.1	4.203e+04	4273.41	-68.74	-2.717e+04	-2623.94	8.270e+05
247	319	1.607e+06	-976.14	-0.18	-552.50	0.0	6.350e+04	1.343e+04	-47.55	-5.546e+04	-976.14	8.352e+05
		8.352e+05	-5354.29	4.29e-04	0.0	92.1	6.350e+04	1.287e+04	-47.55	-5.546e+04	-5354.29	1.607e+06
247	324	6.354e+05	697.33	-0.06	-552.50	0.0	3.226e+04	5554.10	-7.90	-6764.95	697.33	3.237e+05
		3.237e+05	-30.32	-1.02e-04	0.0	92.1	3.226e+04	5001.60	-7.90	-6764.95	-30.32	6.354e+05
247	334	6.038e+05	-144.61	-0.06	-552.50	0.0	3.323e+04	5578.60	-5.64	-9020.39	-144.61	2.933e+05
		2.933e+05	-605.27	2.22e-04	0.0	92.1	3.323e+04	5026.10	-5.64	-9020.39	-605.27	6.038e+05
247	335	6.631e+05	1539.27	-0.06	-552.50	0.0	3.130e+04	5529.60	-10.16	-4509.52	1539.27	3.541e+05
		3.541e+05	544.63	-4.26e-04	0.0	92.1	3.130e+04	4977.10	-10.16	-4509.52	544.63	6.631e+05
247	343	6.569e+05	1805.20	-0.06	-552.50	0.0	3.119e+04	5513.54	-3.95	-513.54	1805.20	3.440e+05
		3.440e+05	1221.02	-1.21e-03	0.0	92.1	3.119e+04	4961.04	-3.95	-513.54	1221.02	6.569e+05
247	346	6.139e+05	-391.07	-0.06	-552.50	0.0	3.335e+04	5594.62	-12.11	-1.300e+04	-391.07	3.033e+05
		3.033e+05	-1284.15	1.01e-03	0.0	92.1	3.335e+04	5042.12	-12.11	-1.300e+04	-1284.15	6.139e+05
247	347	6.569e+05	1785.74	-0.06	-552.50	0.0	3.118e+04	5513.58	-3.69	-527.40	1785.74	3.441e+05
		3.441e+05	1223.51	-1.21e-03	0.0	92.1	3.118e+04	4961.08	-3.69	-527.40	1223.51	6.569e+05
247	370	6.205e+05	289.21	-0.06	-552.50	0.0	3.264e+04	5563.86	-6.54	-7408.96	289.21	3.092e+05
		3.092e+05	-299.64	2.02e-05	0.0	92.1	3.264e+04	5011.36	-6.54	-7408.96	-299.64	6.205e+05
247	371	6.503e+05	1105.45	-0.06	-552.50	0.0	3.188e+04	5544.33	-9.26	-6120.95	1105.45	3.382e+05
		3.382e+05	239.00	-2.24e-04	0.0	92.1	3.188e+04	4991.83	-9.26	-6120.95	239.00	6.503e+05
247	375	6.426e+05	1344.06	-0.06	-552.50	0.0	3.209e+04	5544.35	-6.74	-5309.77	1344.06	3.311e+05
		3.311e+05	653.55	-6.89e-04	0.0	92.1	3.209e+04	4991.85	-6.74	-5309.77	653.55	6.426e+05
247	378	6.282e+05	60.35	-0.06	-552.50	0.0	3.245e+04	5563.82	-9.19	-8213.06	60.35	3.162e+05
		3.162e+05	-715.45	4.85e-04	0.0	92.1	3.245e+04	5011.32	-9.19	-8213.06	-715.45	6.282e+05
248	73	3.335e+06	-8017.67	-0.36	-745.88	0.0	1.343e+05	2.809e+04	63.00	-1.309e+05	-8017.67	1.720e+06
		1.720e+06	-1.382e+04	2.09e-04	0.0	92.1	1.343e+05	2.734e+04	63.00	-1.309e+05	-1.382e+04	3.335e+06
248	162	6.257e+05	-2518.20	-0.06	-552.50	0.0	3.186e+04	5463.94	27.67	1620.93	-5065.68	3.220e+05
		3.220e+05	-5065.68	-2.44e-04	0.0	92.1	3.186e+04	4911.44	27.67	1620.93	-2518.20	6.257e+05

248	178	6.148e+05	-2592.59	-0.06	-552.50	0.0	3.225e+04	5475.30	27.45	1390.08	-5120.26	3.100e+05
		3.100e+05	-5120.26	-1.93e-04	0.0	92.1	3.225e+04	4922.80	27.45	1390.08	-2592.59	6.148e+05
248	206	6.291e+05	-2003.18	-0.06	-552.50	0.0	3.204e+04	5508.67	28.07	1047.89	-4588.28	3.240e+05
		3.240e+05	-4588.28	-3.88e-04	0.0	92.1	3.204e+04	4956.17	28.07	1047.89	-2003.18	6.291e+05
248	231	5.556e+05	-2378.11	-0.06	-552.50	0.0	3.610e+04	5658.17	31.42	4128.49	-5270.99	2.375e+05
		2.375e+05	-5270.99	-4.69e-04	0.0	92.1	3.610e+04	5105.67	31.42	4128.49	-2378.11	5.556e+05
248	243	2.074e+06	-3781.45	-0.23	-552.50	0.0	7.961e+04	1.751e+04	50.43	-6.361e+04	-8424.93	1.071e+06
		1.071e+06	-8424.93	-1.77e-04	0.0	92.1	7.961e+04	1.696e+04	50.43	-6.361e+04	-3781.45	2.074e+06
248	270	9.814e+05	-5740.01	-0.10	-552.50	0.0	5.472e+04	8929.76	-16.79	-3.259e+04	-8442.45	4.730e+05
		4.730e+05	-8582.92	1.34e-04	92.27	92.1	5.472e+04	8377.26	75.48	-3.259e+04	-5740.01	9.814e+05
248	287	6.480e+05	-3125.61	-0.06	-552.50	0.0	3.306e+04	5626.60	31.04	469.35	-5983.60	3.356e+05
		3.356e+05	-5983.60	-3.36e-04	0.0	92.1	3.306e+04	5074.10	31.04	469.35	-3125.61	6.480e+05
248	310	6.506e+05	-3209.91	-0.06	-552.50	0.0	3.318e+04	5649.36	30.13	-266.59	-5984.61	3.363e+05
		3.363e+05	-5984.61	-2.71e-04	0.0	92.1	3.318e+04	5096.86	30.13	-266.59	-3209.91	6.506e+05
248	316	5.790e+05	-2160.60	-0.06	-552.50	0.0	3.537e+04	5662.99	32.28	3382.30	-5132.79	2.629e+05
		2.629e+05	-5132.79	-5.80e-04	0.0	92.1	3.537e+04	5110.49	32.28	3382.30	-2160.60	5.790e+05
248	319	1.718e+06	-3213.11	-0.19	-552.50	0.0	6.801e+04	1.455e+04	46.54	-4.742e+04	-7498.24	8.880e+05
		8.880e+05	-7498.24	-3.61e-04	0.0	92.1	6.801e+04	1.400e+04	46.54	-4.742e+04	-3213.11	1.718e+06
248	324	6.502e+05	-2784.16	-0.06	-552.50	0.0	3.318e+04	5656.40	31.30	85.75	-5666.74	3.369e+05
		3.369e+05	-5666.74	-4.31e-04	0.0	92.1	3.318e+04	5103.90	31.30	85.75	-2784.16	6.502e+05
248	346	5.993e+05	-3740.99	-0.06	-552.50	0.0	3.617e+04	5440.66	18.76	6282.07	-6528.23	3.005e+05
		3.005e+05	-6528.23	6.35e-04	0.0	92.1	3.617e+04	4888.16	18.76	6282.07	-3740.99	5.993e+05
248	347	7.011e+05	-1827.32	-0.07	-552.50	0.0	3.020e+04	5872.13	43.85	-6110.57	-4805.24	3.732e+05
		3.732e+05	-4805.24	-1.50e-03	0.0	92.1	3.020e+04	5319.63	43.85	-6110.57	-1827.32	7.011e+05
248	355	6.839e+05	-1461.05	-0.06	-552.50	0.0	3.394e+04	5713.57	42.44	2847.41	-4639.02	3.681e+05
		3.681e+05	-4639.02	-1.23e-03	0.0	92.1	3.394e+04	5161.07	42.44	2847.41	-1461.05	6.839e+05
248	356	6.340e+05	-4001.88	-0.07	-552.50	0.0	3.203e+04	5615.26	20.59	-3028.59	-6794.17	3.217e+05
		3.217e+05	-6794.17	3.88e-04	0.0	92.1	3.203e+04	5062.76	20.59	-3028.59	-4001.88	6.340e+05
248	370	6.319e+05	-3059.80	-0.06	-552.50	0.0	3.337e+04	5635.77	29.33	-59.54	-5744.51	3.200e+05
		3.200e+05	-5744.51	-3.31e-04	0.0	92.1	3.337e+04	5083.27	29.33	-59.54	-3059.80	6.319e+05
248	371	6.685e+05	-2508.52	-0.06	-552.50	0.0	3.299e+04	5677.03	33.27	231.04	-5588.97	3.537e+05
		3.537e+05	-5588.97	-5.31e-04	0.0	92.1	3.299e+04	5124.53	33.27	231.04	-2508.52	6.685e+05
248	385	6.583e+05	-2180.93	-0.06	-552.50	0.0	3.376e+04	5676.72	36.61	1637.17	-5108.68	3.444e+05
		3.444e+05	-5108.68	-8.38e-04	0.0	92.1	3.376e+04	5124.22	36.61	1637.17	-2180.93	6.583e+05
248	387	6.670e+05	-2128.82	-0.06	-552.50	0.0	3.356e+04	5684.72	36.82	1460.95	-5158.02	3.524e+05
		3.524e+05	-5158.02	-8.26e-04	0.0	92.1	3.356e+04	5132.22	36.82	1460.95	-2128.82	6.670e+05
248	388	6.422e+05	-3387.38	-0.07	-552.50	0.0	3.261e+04	5636.07	26.00	-1465.67	-6224.80	3.294e+05
		3.294e+05	-6224.80	8.28e-05	0.0	92.1	3.261e+04	5083.57	26.00	-1465.67	-3387.38	6.422e+05
249	97	4.995e+06	-1.908e+04	0.02	-826.87	0.0	2.343e+05	9125.88	-106.69	5614.39	-1.908e+04	4.388e+06
		4.388e+06	-2.997e+04	4.27e-04	0.0	102.1	2.343e+05	8299.01	-106.69	5614.39	-2.997e+04	4.995e+06
249	160	8.755e+05	-4429.92	0.01	-612.50	0.0	5.136e+04	-459.49	4.83	6625.38	-4923.39	8.259e+05
		8.259e+05	-4923.39	9.99e-05	0.0	102.1	5.136e+04	-1071.99	4.83	6625.38	-4429.92	8.755e+05
249	184	8.626e+05	-4145.18	0.01	-612.50	0.0	5.174e+04	-460.20	4.80	6593.72	-4635.25	8.626e+05
		8.130e+05	-4635.25	1.00e-04	0.0	102.1	5.174e+04	-1072.70	4.80	6593.72	-4145.18	8.130e+05
249	206	8.821e+05	-3388.88	0.01	-612.50	0.0	5.161e+04	-460.82	4.34	6604.71	-3831.69	8.821e+05
		8.327e+05	-3831.69	1.04e-04	0.0	102.1	5.161e+04	-1073.32	4.34	6604.71	-3388.88	8.327e+05
249	255	3.179e+06	-1.065e+04	9.60e-03	-612.50	0.0	1.416e+05	7204.26	-77.23	-1249.24	-1.065e+04	2.701e+06
		2.701e+06	-1.853e+04	-2.43e-04	0.0	102.1	1.416e+05	6591.76	-77.23	-1249.24	-1.853e+04	3.179e+06
249	259	8.225e+05	-4288.89	0.01	-612.50	0.0	5.597e+04	-492.21	8.88	8770.86	-5195.33	8.225e+05
		7.689e+05	-5195.33	-8.33e-05	0.0	102.1	5.597e+04	-1104.71	8.88	8770.86	-4288.89	7.689e+05
249	286	9.083e+05	-4950.68	0.01	-612.50	0.0	5.322e+04	-501.45	7.54	8175.77	-5719.88	9.083e+05
		8.559e+05	-5719.88	1.16e-04	0.0	102.1	5.322e+04	-1113.95	7.54	8175.77	-4950.68	8.559e+05
249	310	9.158e+05	-8443.01	0.01	-612.50	0.0	5.321e+04	-501.35	7.36	8201.64	-5594.67	9.158e+05
		8.635e+05	-5594.67	1.16e-04	0.0	102.1	5.321e+04	-1113.85	7.36	8201.64	-8443.01	8.635e+05
249	322	2.602e+06	-8776.95	0.01	-612.50	0.0	1.196e+05	5276.98	-56.26	1078.98	-8776.95	2.256e+06
		2.256e+06	-1.452e+04	2.05e-04	0.0	102.1	1.196e+05	4664.48	-56.26	1078.98	-1.452e+04	2.602e+06
249	323	8.472e+05	-3839.35	0.01	-612.50	0.0	5.535e+04	-495.37	8.32	8594.06	-4689.05	8.472e+05
		7.940e+05	-4689.05	8.61e-05	0.0	102.1	5.535e+04	-1107.87	8.32	8594.06	-3839.35	7.940e+05
249	324	9.127e+05	-4256.66	0.01	-612.50	0.0	5.339e+04	-502.34	7.20	8161.95	-4992.11	9.127e+05
		8.604e+05	-4992.11	1.18e-04	0.0	102.1	5.339e+04	-1114.84	7.20	8161.95	-4256.66	8.604e+05
249	326	1.092e+06	-4371.61	0.02	-612.50	0.0	4.138e+04	-266.80	9.43	8198.89	-7250.80	1.092e+06
		1.027e+06	-7250.80	-6.96e-04	0.0	102.1	4.138e+04	-879.30	9.43	8198.89	-4371.61	1.027e+06
249	327	7.330e+05	-2733.42	9.60e-03	-612.50	0.0	6.540e+04	-737.87	4.98	8125.01	-2733.42	7.330e+05
		6.940e+05	-4141.72	7.24e-04	0.0	102.1	6.540e+04	-1350.37	4.98	8125.01	-4141.72	6.940e+05
249	341	8.884e+05	1002.78	0.01	-612.50	0.0	6.022e+04	-778.93	18.60	983.12	-545.98	8.884e+05
		8.431e+05	-545.98	2.30e-03	0.0	102.1	6.022e+04	-1391.43	18.60	983.12	1002.78	8.431e+05
249	342	1.032e+06	-9947.33	-2.28e-03	-612.50	0.0	4.108e+04	-141.77	-1.08	1.418e+04	-9947.33	1.032e+06
		9.664e+05	-9947.33	-2.28e-03	0.0	102.1	4.108e+04	-754.27	-1.08	1.418e+04	-9664.05	9.664e+05
249	346	1.032e+06	-8731.33	0.01	-612.50	0.0	4.104e+04	-140.64	-1.14	1.415e+04	-9926.59	1.032e+06
		9.664e+05	-9926.59	-2.28e-03	0.0	102.1	4.104e+04	-753.14	-1.14	1.415e+04	-8731.33	9.664e+05
249	347	7.935e+05	218.00	0.01	-612.50	0.0	6.574e+04	-864.04	15.55	2169.69	-57.62	7.935e+05
		7.544e+05	-57.62	2.30e-03	0.0	102.1	6.574e+04	-1476.54	15.55	2169.69	218.00	7.544e+05
249	358	9.975e+05	-4233.01	0.01	-612.50	0.0	4.821e+04	-417.21	9.70	7460.89	-6074.39	9.975e+05
		9.407e+05	-6074.39	9.91e-05	0.0	102.1	4.821e+04	-1029.71	9.70	7460.89	-4233.01	9.407e+05
249	359	8.278e+05	-3909.83	0.01	-612.50	0.0	5.857e+04	-587.47	4.71	8863.01	-3909.83	8.278e+05
		7.801e+05	-4280.32	1.44e-04	0.0	102.1	5.857e+04	-1199.97	4.71	8863.01	-4280.32	7.801e+05
249	366	9.975e+05	-4266.72	0.01	-612.50	0.0	4.815e+04	-415.36	9.61	7425.54	-6040.53	9.975e+05

		9.407e+05	-6040.53	1.04e-04	0.0	102.1	4.815e+04	-1027.86	9.61	7425.54	-4266.72	9.407e+05
249	367	8.278e+05	-3943.69	0.01	-612.50	0.0	5.863e+04	-589.32	4.80	8898.36	-3943.69	8.278e+05
		7.801e+05	-4246.61	1.36e-04	0.0	102.1	5.863e+04	-1201.82	4.80	8898.36	-4246.61	7.801e+05
249	373	9.253e+05	-1860.62	0.01	-612.50	0.0	5.383e+04	-529.45	8.40	6928.23	-2948.39	9.253e+05
		8.691e+05	-2948.39	1.99e-04	0.0	102.1	5.383e+04	-1141.95	8.40	6928.23	-1860.62	8.691e+05
249	374	9.488e+05	-6244.01	0.01	-612.50	0.0	5.018e+04	-432.84	7.58	8806.03	-7294.08	9.488e+05
		8.973e+05	-7294.08	-1.78e-04	0.0	102.1	5.018e+04	-1045.34	7.58	8806.03	-6244.01	8.973e+05
250	90	3.925e+06	-8909.80	0.09	-612.50	0.0	1.884e+05	-1.103e+04	-23.83	2551.62	-8909.80	3.925e+06
		3.184e+06	-1.134e+04	-4.01e-04	0.0	102.1	1.884e+05	-1.165e+04	-23.83	2551.62	-1.134e+04	3.184e+06
250	97	4.608e+06	7639.71	0.02	-826.87	0.0	2.147e+05	8071.94	159.47	1.040e+04	-8639.09	4.073e+06
		4.073e+06	-8639.09	3.99e-05	0.0	102.1	2.147e+05	7245.06	159.47	1.040e+04	7639.71	4.608e+06
250	184	8.475e+05	675.59	0.01	-612.50	0.0	5.105e+04	-381.93	-3.99	-2166.36	675.59	8.475e+05
		8.031e+05	268.15	-2.66e-05	0.0	102.1	5.105e+04	-994.43	-3.99	-2166.36	268.15	8.031e+05
250	206	8.677e+05	1529.17	0.01	-612.50	0.0	5.059e+04	-381.94	-4.47	-2182.24	1529.17	8.677e+05
		8.234e+05	1073.25	-2.34e-05	0.0	102.1	5.059e+04	-994.44	-4.47	-2182.24	1073.25	8.234e+05
250	251	2.698e+06	-3228.05	0.06	-612.50	0.0	1.279e+05	-7806.28	-23.18	-2481.93	-3228.05	2.698e+06
		2.169e+06	-5594.59	-2.42e-04	0.0	102.1	1.279e+05	-8418.78	-23.18	-2481.93	-5594.59	2.169e+06
250	255	2.986e+06	8381.58	9.94e-03	-612.50	0.0	1.328e+05	6449.27	113.69	3717.65	-3224.71	2.558e+06
		2.558e+06	-3224.71	7.92e-05	0.0	102.1	1.328e+05	5836.77	113.69	3717.65	8381.58	2.986e+06
250	259	8.049e+05	1222.57	0.01	-612.50	0.0	5.448e+04	-384.63	-2.61	-1384.28	1222.57	8.049e+05
		7.602e+05	955.71	-8.62e-05	0.0	102.1	5.448e+04	-997.13	-2.61	-1384.28	955.71	7.602e+05
250	287	8.829e+05	849.36	0.01	-612.50	0.0	5.196e+04	-386.64	-4.18	-2040.81	849.36	8.829e+05
		8.386e+05	422.79	-2.28e-05	0.0	102.1	5.196e+04	-999.14	-4.18	-2040.81	422.79	8.386e+05
250	310	8.908e+05	689.47	0.01	-612.50	0.0	5.188e+04	-386.70	-4.03	-1952.39	689.47	8.908e+05
		8.464e+05	278.49	-2.57e-05	0.0	102.1	5.188e+04	-999.20	-4.03	-1952.39	278.49	8.464e+05
250	321	2.250e+06	-1587.61	0.05	-612.50	0.0	1.088e+05	-5951.26	-18.79	-2415.46	-1587.61	2.250e+06
		1.842e+06	-3505.78	-1.54e-04	0.0	102.1	1.088e+05	-6563.76	-18.79	-2415.46	-3505.78	1.842e+06
250	322	2.454e+06	6976.35	0.01	-612.50	0.0	1.125e+05	4740.41	83.87	2234.23	-1585.11	2.145e+06
		2.145e+06	-1585.11	8.68e-05	0.0	102.1	1.125e+05	4127.91	83.87	2234.23	6976.35	2.454e+06
250	323	8.297e+05	1750.35	0.01	-612.50	0.0	5.373e+04	-385.02	-3.36	-1592.22	1750.35	8.297e+05
		7.852e+05	1406.94	-5.82e-05	0.0	102.1	5.373e+04	-997.52	-3.36	-1592.22	1406.94	7.852e+05
250	324	8.897e+05	1349.83	0.01	-612.50	0.0	5.190e+04	-386.46	-4.42	-2020.86	1349.83	8.897e+05
		8.455e+05	899.10	-2.26e-05	0.0	102.1	5.190e+04	-998.96	-4.42	-2020.86	899.10	8.455e+05
250	326	1.048e+06	-484.77	0.01	-612.50	0.0	4.223e+04	-526.23	-2.53	786.32	-1027.53	1.048e+06
		9.963e+05	-1027.53	-6.68e-04	0.0	102.1	4.223e+04	-1138.73	-2.53	786.32	-484.77	9.963e+05
250	334	1.048e+06	-1104.45	0.01	-612.50	0.0	4.219e+04	-525.95	-2.92	762.29	-1104.45	1.048e+06
		9.963e+05	-1216.05	-6.57e-04	0.0	102.1	4.219e+04	-1138.45	-2.92	762.29	-1216.05	9.963e+05
250	335	7.312e+05	3804.12	9.68e-03	-612.50	0.0	6.162e+04	-246.97	-5.91	-4804.00	3804.12	7.312e+05
		6.946e+05	3014.25	6.76e-04	0.0	102.1	6.162e+04	-859.47	-5.91	-4804.00	3014.25	6.946e+05
250	346	9.585e+05	-4538.44	0.01	-612.50	0.0	4.684e+04	-564.92	-10.01	4443.68	-4538.44	9.585e+05
		9.102e+05	-4930.03	-2.24e-03	0.0	102.1	4.684e+04	-1177.42	-10.01	4443.68	-4930.03	9.102e+05
250	347	8.210e+05	7238.10	0.01	-612.50	0.0	5.697e+04	-208.00	1.18	-8485.39	7238.10	8.210e+05
		7.808e+05	6728.23	2.26e-03	0.0	102.1	5.697e+04	-820.50	1.18	-8485.39	6728.23	7.808e+05
250	358	9.689e+05	397.11	0.01	-612.50	0.0	4.723e+04	-436.57	-2.68	-1291.64	356.48	9.689e+05
		9.209e+05	356.48	-4.89e-05	0.0	102.1	4.723e+04	-1049.07	-2.68	-1291.64	397.11	9.209e+05
250	366	9.689e+05	318.55	0.01	-612.50	0.0	4.721e+04	-436.43	-2.87	-1303.60	318.55	9.689e+05
		9.209e+05	25.57	-4.33e-05	0.0	102.1	4.721e+04	-1048.93	-2.87	-1303.60	25.57	9.209e+05
250	367	8.106e+05	2381.11	0.01	-612.50	0.0	5.660e+04	-336.49	-5.96	-2738.11	2381.11	8.106e+05
		7.700e+05	1772.63	6.24e-05	0.0	102.1	5.660e+04	-948.99	-5.96	-2738.11	1772.63	7.700e+05
250	378	9.170e+05	-927.44	0.01	-612.50	0.0	5.009e+04	-408.25	-4.62	-1056.07	-927.44	9.170e+05
		8.717e+05	-1393.90	-1.79e-04	0.0	102.1	5.009e+04	-1020.75	-4.62	-1056.07	-1393.90	8.717e+05
250	379	8.625e+05	3627.11	0.01	-612.50	0.0	5.372e+04	-364.67	-4.21	-2985.64	3627.11	8.625e+05
		8.192e+05	3192.10	1.98e-04	0.0	102.1	5.372e+04	-977.17	-4.21	-2985.64	3192.10	8.192e+05
251	97	4.155e+06	-2.417e+04	0.02	-826.87	0.0	1.947e+05	6825.40	-144.82	-2850.30	-2.417e+04	3.705e+06
		3.705e+06	-3.895e+04	7.18e-04	0.0	102.1	1.947e+05	5998.52	-144.82	-2850.30	-3.895e+04	4.155e+06
251	146	8.444e+05	-2138.53	0.01	-612.50	0.0	5.112e+04	-381.21	5.17	2373.72	-2665.93	8.444e+05
		8.003e+05	-2665.93	-7.49e-05	0.0	102.1	5.112e+04	-993.71	5.17	2373.72	-2138.53	8.003e+05
251	206	8.677e+05	-1073.25	0.01	-612.50	0.0	5.059e+04	-381.94	4.47	2182.25	-1529.17	8.677e+05
		8.234e+05	-1529.17	2.34e-05	0.0	102.1	5.059e+04	-994.44	4.47	2182.25	-1073.25	8.234e+05
251	243	8.077e+05	-1148.84	0.01	-612.50	0.0	5.414e+04	-383.09	2.95	940.35	-1449.80	8.077e+05
		7.632e+05	-1449.80	7.84e-05	0.0	102.1	5.414e+04	-995.59	2.95	940.35	-1148.84	7.632e+05
251	255	2.763e+06	-1.174e+04	0.01	-612.50	0.0	1.248e+05	5302.39	-120.12	-1.031e+04	-1.174e+04	2.413e+06
		2.413e+06	-2.400e+04	4.55e-04	0.0	102.1	1.248e+05	4689.89	-120.12	-1.031e+04	-2.400e+04	2.763e+06
251	259	8.084e+05	-845.89	0.01	-612.50	0.0	5.412e+04	-388.28	5.98	2746.83	-1456.73	8.084e+05
		7.646e+05	-1456.73	-9.63e-05	0.0	102.1	5.412e+04	-1000.78	5.98	2746.83	-845.89	7.646e+05
251	268	8.809e+05	-1664.02	0.01	-612.50	0.0	5.201e+04	-386.16	4.96	2177.74	-2170.08	8.809e+05
		8.367e+05	-2170.08	-5.19e-05	0.0	102.1	5.201e+04	-998.66	4.96	2177.74	-1664.02	8.367e+05
251	309	8.897e+05	-899.10	0.01	-612.50	0.0	5.190e+04	-386.46	4.42	2020.86	-1349.84	8.897e+05
		8.455e+05	-1349.84	2.26e-05	0.0	102.1	5.190e+04	-998.96	4.42	2020.86	-899.10	8.455e+05
251	319	8.334e+05	-620.87	0.01	-612.50	0.0	5.344e+04	-384.23	3.03	1156.57	-930.24	8.334e+05
		7.889e+05	-930.24	7.74e-05	0.0	102.1	5.344e+04	-996.73	3.03	1156.57	-620.87	7.889e+05
251	322	2.288e+06	-8646.25	0.01	-612.50	0.0	1.064e+05	3879.88	-89.27	-7279.38	-8646.25	2.037e+06
		2.037e+06	-1.776e+04	3.49e-04	0.0	102.1	1.064e+05	3267.38	-89.27	-7279.38	-1.776e+04	2.288e+06
251	323	8.339e+05	-393.66	0.01	-612.50	0.0	5.343e+04	-388.12	5.31	2511.44	-935.43	8.339e+05
		7.900e+05	-935.43	-5.01e-05	0.0	102.1	5.343e+04	-1000.62	5.31	2511.44	-393.66	7.900e+05
251	324	8.897e+05	-899.10	0.01	-612.50	0.0	5.190e+04	-386.46	4.42	2020.86	-1349.84	8.897e+05
		8.455e+05	-1349.84	2.26e-05	0.0	102.1	5.190e+04	-998.96	4.42	2020.86	-899.10	8.455e+05

251	325	1.054e+06	1377.99	0.01	-612.50	0.0	4.193e+04	-526.94	-1.11	-670.39	1353.56	1.054e+06
		1.001e+06	1353.56	6.38e-04	0.0	102.1	4.193e+04	-1139.44	-1.11	-670.39	1377.99	1.001e+06
251	328	7.256e+05	-3176.20	9.58e-03	-612.50	0.0	6.188e+04	-245.99	9.94	4712.11	-4053.23	7.256e+05
		6.900e+05	-4053.23	-6.57e-04	0.0	102.1	6.188e+04	-858.49	9.94	4712.11	-3176.20	6.900e+05
251	333	1.054e+06	1276.64	0.01	-612.50	0.0	4.197e+04	-527.21	-1.50	-694.43	1276.64	1.054e+06
		1.001e+06	646.71	6.49e-04	0.0	102.1	4.197e+04	-1139.71	-1.50	-694.43	646.71	1.001e+06
251	341	9.770e+05	5469.85	0.01	-612.50	0.0	4.596e+04	-568.19	-3.42	-4137.37	5368.80	9.770e+05
		9.257e+05	5368.80	2.17e-03	0.0	102.1	4.596e+04	-1180.69	-3.42	-4137.37	5469.85	9.257e+05
251	344	8.025e+05	-7268.05	0.01	-612.50	0.0	5.785e+04	-204.73	12.25	8179.09	-8068.48	8.025e+05
		7.653e+05	-8068.48	-2.19e-03	0.0	102.1	5.785e+04	-817.23	12.25	8179.09	-7268.05	7.653e+05
251	357	9.689e+05	-25.57	0.01	-612.50	0.0	4.721e+04	-436.43	2.87	1303.60	-318.55	9.689e+05
		9.209e+05	-318.55	4.33e-05	0.0	102.1	4.721e+04	-1048.93	2.87	1303.60	-25.57	9.209e+05
251	360	8.106e+05	-1772.64	0.01	-612.50	0.0	5.660e+04	-336.49	5.96	2738.12	-2381.12	8.106e+05
		7.700e+05	-2381.12	-6.24e-05	0.0	102.1	5.660e+04	-948.99	5.96	2738.12	-1772.64	7.700e+05
251	365	9.689e+05	-356.48	0.01	-612.50	0.0	4.723e+04	-436.57	2.68	1291.64	-356.48	9.689e+05
		9.209e+05	-397.11	4.89e-05	0.0	102.1	4.723e+04	-1049.07	2.68	1291.64	-397.11	9.209e+05
251	373	9.170e+05	1393.90	0.01	-612.50	0.0	5.009e+04	-408.25	4.62	1056.08	927.44	9.170e+05
		8.717e+05	927.44	1.79e-04	0.0	102.1	5.009e+04	-1020.75	4.62	1056.08	1393.90	8.717e+05
251	376	8.625e+05	-3192.10	0.01	-612.50	0.0	5.372e+04	-364.67	4.21	2985.64	-3627.11	8.625e+05
		8.192e+05	-3627.11	-1.98e-04	0.0	102.1	5.372e+04	-977.17	4.21	2985.64	-3192.10	8.192e+05
252	90	3.178e+06	-4557.70	0.07	-612.50	0.0	1.532e+05	-8176.11	19.57	4237.52	-6555.21	3.178e+06
		2.634e+06	-6555.21	-1.47e-03	0.0	102.1	1.532e+05	-8788.61	19.57	4237.52	-4557.70	2.634e+06
252	97	3.780e+06	1279.24	0.02	-826.87	0.0	1.786e+05	6018.25	46.49	-1.106e+04	-3467.00	3.780e+06
		3.389e+06	-3467.00	3.20e-04	0.0	102.1	1.786e+05	5191.38	46.49	-1.106e+04	1279.24	3.389e+06
252	146	8.531e+05	2819.16	0.01	-612.50	0.0	5.229e+04	-463.20	-4.32	-6473.23	2819.16	8.531e+05
		8.038e+05	2378.07	-1.13e-04	0.0	102.1	5.229e+04	-1075.70	-4.32	-6473.23	2378.07	8.038e+05
252	181	1.223e+06	1.004e+04	0.02	-826.87	0.0	7.339e+04	-693.09	114.79	-1.329e+04	7408.92	1.223e+06
		1.152e+06	6074.46	-2.54e-04	-255.72	102.1	7.339e+04	-1519.97	-140.93	-1.329e+04	6074.46	1.152e+06
252	206	8.821e+05	3831.69	0.01	-612.50	0.0	5.161e+04	-460.82	-4.34	-6604.70	3831.69	8.821e+05
		8.327e+05	3388.87	-1.04e-04	0.0	102.1	5.161e+04	-1073.32	-4.34	-6604.70	3388.87	8.327e+05
252	243	8.310e+05	4921.67	0.01	-612.50	0.0	5.514e+04	-489.82	-8.39	-9070.95	4921.67	8.310e+05
		7.779e+05	4065.40	-7.62e-05	0.0	102.1	5.514e+04	-1102.32	-8.39	-9070.95	4065.40	7.779e+05
252	251	2.392e+06	962.84	0.05	-612.50	0.0	1.157e+05	-6026.07	8.73	-2945.23	72.05	2.392e+06
		1.985e+06	72.05	-9.86e-04	0.0	102.1	1.157e+05	-6638.57	8.73	-2945.23	962.84	1.985e+06
252	255	2.588e+06	3443.69	0.01	-612.50	0.0	1.191e+05	4653.89	32.98	-1.083e+04	76.87	2.588e+06
		2.286e+06	76.87	3.31e-04	0.0	102.1	1.191e+05	4041.39	32.98	-1.083e+04	3443.69	2.286e+06
252	268	8.992e+05	4260.32	0.01	-612.50	0.0	5.359e+04	-503.94	-7.23	-8061.71	4260.32	8.992e+05
		8.470e+05	3522.51	-1.22e-04	0.0	102.1	5.359e+04	-1116.44	-7.23	-8061.71	3522.51	8.470e+05
252	302	8.598e+05	7082.83	0.01	-612.50	0.0	5.520e+04	-509.07	75.92	-9470.08	5357.46	8.598e+05
		8.071e+05	4406.56	-1.78e-04	-170.48	102.1	5.520e+04	-1121.57	-94.55	-9470.08	4406.56	8.071e+05
252	309	9.127e+05	4992.11	0.01	-612.50	0.0	5.339e+04	-502.34	-7.20	-8161.95	4992.11	9.127e+05
		8.604e+05	4256.66	-1.18e-04	0.0	102.1	5.339e+04	-1114.84	-7.20	-8161.95	4256.66	8.604e+05
252	319	8.583e+05	5387.63	0.01	-612.50	0.0	5.445e+04	-492.09	-8.19	-8878.65	5387.63	8.583e+05
		8.054e+05	4551.25	-8.62e-05	0.0	102.1	5.445e+04	-1104.59	-8.19	-8878.65	4551.25	8.054e+05
252	321	2.029e+06	2224.33	0.04	-612.50	0.0	9.984e+04	-4644.28	4.64	-4284.37	1750.42	2.029e+06
		1.711e+06	1750.42	-7.19e-04	0.0	102.1	9.984e+04	-5256.78	4.64	-4284.37	2224.33	1.711e+06
252	322	2.163e+06	4084.97	0.01	-612.50	0.0	1.024e+05	3365.69	22.83	-1.020e+04	1754.03	1.949e+06
		1.949e+06	1754.03	2.68e-04	0.0	102.1	1.024e+05	2753.19	22.83	-1.020e+04	4084.97	2.163e+06
252	324	9.127e+05	4992.11	0.01	-612.50	0.0	5.339e+04	-502.34	-7.20	-8161.95	4992.11	9.127e+05
		8.604e+05	4256.66	-1.18e-04	0.0	102.1	5.339e+04	-1114.84	-7.20	-8161.95	4256.66	8.604e+05
252	333	1.099e+06	7619.41	0.02	-612.50	0.0	4.119e+04	-297.51	-15.88	-8061.16	7619.41	1.099e+06
		1.032e+06	4591.61	6.48e-04	0.0	102.1	4.119e+04	-910.01	-15.88	-8061.16	4591.61	1.032e+06
252	336	7.267e+05	3921.72	9.53e-03	-612.50	0.0	6.560e+04	-707.17	1.47	-8262.74	2364.81	7.267e+05
		6.893e+05	2364.81	-6.77e-04	0.0	102.1	6.560e+04	-1319.67	1.47	-8262.74	3921.72	6.893e+05
252	341	1.053e+06	1.116e+04	0.02	-612.50	0.0	4.040e+04	-242.99	-20.35	-1.370e+04	1.116e+04	1.053e+06
		9.821e+05	9464.65	2.12e-03	0.0	102.1	4.040e+04	-855.49	-20.35	-1.370e+04	9464.65	9.821e+05
252	344	7.725e+05	-951.32	9.88e-03	-612.50	0.0	6.639e+04	-761.68	5.94	-2628.80	-1171.09	7.725e+05
		7.387e+05	-1171.09	-2.15e-03	0.0	102.1	6.639e+04	-1374.18	5.94	-2628.80	-951.32	7.387e+05
252	345	1.053e+06	1.118e+04	0.02	-612.50	0.0	4.043e+04	-244.12	-20.41	-1.372e+04	1.118e+04	1.053e+06
		9.821e+05	9444.16	2.13e-03	0.0	102.1	4.043e+04	-856.62	-20.41	-1.372e+04	9444.16	9.821e+05
252	346	8.674e+05	-682.73	0.01	-612.50	0.0	6.087e+04	-676.58	2.89	-1442.23	-682.73	8.674e+05
		8.274e+05	-1736.10	-2.14e-03	0.0	102.1	6.087e+04	-1289.08	2.89	-1442.23	-1736.10	8.274e+05
252	357	9.975e+05	6040.52	0.01	-612.50	0.0	4.815e+04	-415.36	-9.61	-7425.54	6040.52	9.975e+05
		9.407e+05	4266.72	-1.04e-04	0.0	102.1	4.815e+04	-1027.86	-9.61	-7425.54	4266.72	9.407e+05
252	360	8.278e+05	4246.61	0.01	-612.50	0.0	5.863e+04	-589.32	-4.80	-8898.36	3943.69	8.278e+05
		7.801e+05	3943.69	-1.36e-04	0.0	102.1	5.863e+04	-1201.82	-4.80	-8898.36	4246.61	7.801e+05
252	365	9.975e+05	6074.39	0.01	-612.50	0.0	4.821e+04	-417.21	-9.70	-7460.88	6074.39	9.975e+05
		9.407e+05	4233.01	-9.91e-05	0.0	102.1	4.821e+04	-1029.71	-9.70	-7460.88	4233.01	9.407e+05
252	368	8.278e+05	4280.32	0.01	-612.50	0.0	5.857e+04	-587.47	-4.71	-8863.01	3909.83	8.278e+05
		7.801e+05	3909.83	-1.44e-04	0.0	102.1	5.857e+04	-1199.97	-4.71	-8863.01	4280.32	7.801e+05
252	377	9.488e+05	7294.08	0.01	-612.50	0.0	5.018e+04	-432.84	-7.58	-8806.02	7294.08	9.488e+05
		8.973e+05	6244.01	1.78e-04	0.0	102.1	5.018e+04	-1045.34	-7.58	-8806.02	6244.01	8.973e+05
252	378	9.253e+05	2948.39	0.01	-612.50	0.0	5.383e+04	-529.45	-8.40	-6928.23	2948.39	9.253e+05
		8.691e+05	1860.61	-1.99e-04	0.0	102.1	5.383e+04	-1141.95	-8.40	-6928.23	1860.61	8.691e+05
253	89	4.084e+06	-1.597e+04	-0.34	-745.88	0.0	1.543e+05	3.335e+04	-18.35	-1.311e+05	-1.597e+04	4.084e+06
		2.124e+06	-1.766e+04	-2.50e-04	0.0	92.1	1.543e+05	3.260e+04	-18.35	-1.311e+05	-1.766e+04	2.124e+06
253	184	6.070e+05	-2605.32	-0.06	-552.50	0.0	3.245e+04	5472.99	27.60	1448.99	-5146.63	3.021e+05

		3.021e+05	-5146.63	-1.88e-04	0.0	92.1	3.245e+04	4920.49	27.60	1448.99	-2605.32	6.070e+05
253	206	6.291e+05	-2003.18	-0.06	-552.50	0.0	3.204e+04	5508.67	28.07	1047.92	-4588.29	3.240e+05
		3.240e+05	-4588.29	-3.88e-04	0.0	92.1	3.204e+04	4956.17	28.07	1047.92	-2003.18	6.291e+05
253	243	5.497e+05	-2398.39	-0.06	-552.50	0.0	3.624e+04	5656.03	31.58	4144.46	-5306.63	2.317e+05
		2.317e+05	-5306.63	-4.61e-04	0.0	92.1	3.624e+04	5103.53	31.58	4144.46	-2398.39	5.497e+05
253	251	2.629e+06	-1.002e+04	-0.21	-552.50	0.0	9.442e+04	2.141e+04		-9.88	-6.385e+04	-1.002e+04
		1.371e+06	-1.093e+04	-3.53e-04	0.0	92.1	9.442e+04	2.085e+04		-9.88	-6.385e+04	-1.093e+04
253	287	6.421e+05	-3140.09	-0.06	-552.50	0.0	3.321e+04	5624.90	31.17	517.72	-6010.05	3.296e+05
		3.296e+05	-6010.05	-3.29e-04	0.0	92.1	3.321e+04	5072.40	31.17	517.72	-3140.09	6.421e+05
253	310	6.507e+05	-3221.20	-0.06	-552.50	0.0	3.316e+04	5648.29	30.07	-367.43	-5990.33	3.364e+05
		3.364e+05	-5990.33	-2.64e-04	0.0	92.1	3.316e+04	5095.79	30.07	-367.43	-3221.20	6.507e+05
253	319	5.790e+05	-2162.20	-0.06	-552.50	0.0	3.537e+04	5662.92	32.32	3382.65	-5138.30	2.629e+05
		2.629e+05	-5138.30	-5.81e-04	0.0	92.1	3.537e+04	5110.42	32.32	3382.65	-2162.20	5.790e+05
253	321	2.139e+06	-8559.43	-0.18	-552.50	0.0	7.901e+04	1.748e+04		1.22	-4.761e+04	-8671.82
		1.118e+06	-8671.82	-4.99e-04	0.0	92.1	7.901e+04	1.692e+04		1.22	-4.761e+04	-8559.43
253	324	6.502e+05	-2784.16	-0.06	-552.50	0.0	3.318e+04	5656.40	31.30	85.78	-5666.75	3.541e+05
		3.369e+05	-5666.75	-4.31e-04	0.0	92.1	3.318e+04	5103.90	31.30	85.78	-2784.16	6.502e+05
253	334	7.844e+05	-4142.51	-0.08	-552.50	0.0	2.522e+04	5988.61	14.02	-7209.01	-6568.26	4.184e+05
		4.184e+05	-6568.26	9.21e-04	0.0	92.1	2.522e+04	5436.11	14.02	-7209.01	-4142.51	7.844e+05
253	335	5.161e+05	-2784.16	-0.05	-552.50	0.0	4.115e+04	5324.19	48.59	7380.57	-4765.23	3.541e+05
		2.553e+05	-4765.23	-1.78e-03	0.0	92.1	4.115e+04	4771.69	48.59	7380.57	-1425.81	5.161e+05
253	341	6.071e+05	5489.44	-0.06	-552.50	0.0	3.894e+04	6567.66	115.19	1.860e+04	-4133.82	3.196e+05
		3.196e+05	-4133.82	-5.19e-03	0.0	92.1	3.894e+04	6015.16	115.19	1.860e+04	5489.44	6.071e+05
253	344	6.933e+05	-7199.67	-0.07	-552.50	0.0	2.742e+04	4745.13		-52.58	-1.843e+04	-7199.67
		3.541e+05	-1.106e+04	4.33e-03	0.0	92.1	2.742e+04	4192.63		-52.58	-1.843e+04	-1.106e+04
253	346	7.600e+05	-7445.38	-0.07	-552.50	0.0	2.401e+04	5077.05		-48.20	-1.938e+04	-7445.38
		3.962e+05	-1.043e+04	4.29e-03	0.0	92.1	2.401e+04	4524.55		-48.20	-1.938e+04	-1.043e+04
253	347	5.405e+05	4861.05	-0.06	-552.50	0.0	4.235e+04	6235.74	110.81	1.955e+04	-3888.12	2.776e+05
		2.776e+05	-3888.12	-5.15e-03	0.0	92.1	4.235e+04	5683.24	110.81	1.955e+04	4861.05	5.405e+05
253	365	7.123e+05	-2095.62	-0.07	-552.50	0.0	3.072e+04	5967.80	36.73	-263.64	-5790.77	3.704e+05
		3.704e+05	-5790.77	-7.33e-04	0.0	92.1	3.072e+04	5415.30	36.73	-263.64	-2095.62	7.123e+05
253	366	7.025e+05	-2427.22	-0.07	-552.50	0.0	2.984e+04	5910.92	33.17	-1209.28	-5956.91	3.755e+05
		3.755e+05	-5956.91	-2.03e-04	0.0	92.1	2.984e+04	5358.42	33.17	-1209.28	-2427.22	7.025e+05
253	367	5.979e+05	-3141.10	-0.06	-552.50	0.0	3.653e+04	5401.87	29.43	1380.85	-5376.59	2.983e+05
		2.983e+05	-5376.59	-6.59e-04	0.0	92.1	3.653e+04	4849.37	29.43	1380.85	-3141.10	5.979e+05
253	372	5.886e+05	-3629.92	-0.06	-552.50	0.0	3.597e+04	5367.05	26.03	513.79	-5701.33	2.967e+05
		2.967e+05	-5701.33	-2.52e-04	0.0	92.1	3.597e+04	4814.55	26.03	513.79	-3629.92	5.886e+05
253	381	6.821e+05	-1544.84	-0.07	-552.50	0.0	3.270e+04	5761.69	37.83	1155.74	-4924.82	3.613e+05
		3.613e+05	-4924.82	-9.10e-04	0.0	92.1	3.270e+04	5209.19	37.83	1155.74	-1544.84	6.821e+05
253	382	6.526e+05	-3698.28	-0.07	-552.50	0.0	3.195e+04	5719.20	27.02	-1472.48	-6535.96	3.340e+05
		3.340e+05	-6535.96	1.18e-04	0.0	92.1	3.195e+04	5166.70	27.02	-1472.48	-3698.28	6.526e+05
254	89	3.713e+06	-620.90	-0.31	-745.88	0.0	1.410e+05	2.942e+04	17.09	-1.365e+05	-2194.51	1.983e+06
		1.983e+06	-2194.51	1.40e-03	0.0	92.1	1.410e+05	2.867e+04	17.09	-1.365e+05	-620.90	3.713e+06
254	97	2.413e+06	-2270.94	-0.29	-745.88	0.0	1.044e+05	2.023e+04		-79.85	-1.329e+05	-2270.94
		1.248e+06	-9623.54	1.23e-03	0.0	92.1	1.044e+05	1.948e+04		-79.85	-1.329e+05	-9623.54
254	111	1.047e+06	969.69	-0.11	-745.88	0.0	5.384e+04	9094.72		-16.82	-1.212e+04	969.69
		5.311e+05	-579.17	1.02e-04	0.0	92.1	5.384e+04	8348.85		-16.82	-1.212e+04	-579.17
254	146	5.997e+05	200.12	-0.06	-552.50	0.0	3.205e+04	5410.92		-10.71	-7900.73	200.12
		2.960e+05	-786.03	2.42e-04	0.0	92.1	3.205e+04	4858.42		-10.71	-7900.73	-786.03
254	206	6.191e+05	814.72	-0.06	-552.50	0.0	3.148e+04	5393.97		-7.35	-5661.11	814.72
		3.173e+05	137.96	-8.62e-05	0.0	92.1	3.148e+04	4841.47		-7.35	-5661.11	137.96
254	243	5.468e+05	1164.59	-0.06	-552.50	0.0	3.488e+04	5579.35		-9.76	-4875.12	1164.59
		2.323e+05	266.10	-1.23e-04	0.0	92.1	3.488e+04	5026.85		-9.76	-4875.12	266.10
254	251	2.427e+06	2183.44	-0.20	-552.50	0.0	8.785e+04	1.931e+04		34.02	-6.132e+04	2183.44
		1.290e+06	-949.58	7.43e-04	0.0	92.1	8.785e+04	1.876e+04		34.02	-6.132e+04	-949.58
254	255	1.465e+06	-1006.19	-0.18	-552.50	0.0	6.069e+04	1.250e+04		-37.78	-5.863e+04	-1006.19
		7.465e+05	-4485.18	6.17e-04	0.0	92.1	6.069e+04	1.195e+04		-37.78	-5.863e+04	-4485.18
254	287	6.283e+05	322.79	-0.06	-552.50	0.0	3.238e+04	5541.90		-8.33	-6413.83	322.79
		3.170e+05	-444.12	2.87e-06	0.0	92.1	3.238e+04	4989.40		-8.33	-6413.83	-444.12
254	309	6.354e+05	697.32	-0.06	-552.50	0.0	3.226e+04	5554.10		-7.90	-6764.95	697.32
		3.237e+05	-30.32	-1.02e-04	0.0	92.1	3.226e+04	5001.60		-7.90	-6764.95	-30.32
254	319	5.733e+05	1340.99	-0.06	-552.50	0.0	3.410e+04	5571.64		-8.27	-4902.50	1340.99
		2.598e+05	579.90	-2.49e-04	0.0	92.1	3.410e+04	5019.14		-8.27	-4902.50	579.90
254	321	1.984e+06	2017.91	-0.17	-552.50	0.0	7.383e+04	1.587e+04		24.57	-4.724e+04	2017.91
		1.053e+06	-244.63	4.01e-04	0.0	92.1	7.383e+04	1.532e+04		24.57	-4.724e+04	-244.63
254	322	1.262e+06	-287.09	-0.15	-552.50	0.0	5.346e+04	1.076e+04		-29.28	-4.522e+04	-287.09
		6.455e+05	-2983.55	3.06e-04	0.0	92.1	5.346e+04	1.021e+04		-29.28	-4.522e+04	-2983.55
254	324	6.354e+05	697.32	-0.06	-552.50	0.0	3.226e+04	5554.10		-7.90	-6764.95	697.32
		3.237e+05	-30.32	-1.02e-04	0.0	92.1	3.226e+04	5001.60		-7.90	-6764.95	-30.32
254	327	5.207e+05	2356.09	-0.05	-552.50	0.0	3.850e+04	6047.56		16.65	-316.75	2356.09
		2.486e+05	1209.65	-1.43e-03	0.0	92.1	3.850e+04	5495.06		16.65	-316.75	1209.65
254	334	7.502e+05	170.28	-0.07	-552.50	0.0	2.601e+04	5060.00		-33.16	-1.318e+04	170.28
		3.988e+05	-2388.10	1.23e-03	0.0	92.1	2.601e+04	4507.50		-33.16	-1.318e+04	-2388.10
254	335	5.207e+05	2327.46	-0.05	-552.50	0.0	3.852e+04	6048.19		17.36	-347.81	2327.46
		2.486e+05	1224.37	-1.43e-03	0.0	92.1	3.852e+04	5495.69		17.36	-347.81	1224.37
254	345	6.428e+05	8924.58	-0.07	-552.50	0.0	3.259e+04	5306.55		49.65	1.172e+04	8924.58
		3.253e+05	4649.71	-4.72e-03	0.0	92.1	3.259e+04	4754.05		49.65	1.172e+04	4649.71

254	348	6.281e+05	-3255.07	-0.06	-552.50	0.0	3.194e+04	5801.64	-65.46	-2.525e+04	-3255.07	3.221e+05
		3.221e+05	-8985.23	4.52e-03	0.0	92.1	3.194e+04	5249.14	-65.46	-2.525e+04	-8985.23	6.281e+05
254	364	5.790e+05	192.38	-0.06	-552.50	0.0	3.514e+04	5821.68	-5.16	-6745.06	192.38	2.868e+05
		2.868e+05	-403.56	7.23e-05	0.0	92.1	3.514e+04	5269.18	-5.16	-6745.06	-403.56	5.790e+05
254	365	6.918e+05	1247.30	-0.07	-552.50	0.0	2.929e+04	5284.45	-10.94	-6698.45	1247.30	3.604e+05
		3.604e+05	409.50	-3.97e-04	0.0	92.1	2.929e+04	4731.95	-10.94	-6698.45	409.50	6.918e+05
254	368	5.791e+05	147.35	-0.06	-552.50	0.0	3.524e+04	5823.75	-4.87	-6831.46	147.35	2.870e+05
		2.870e+05	-470.15	1.93e-04	0.0	92.1	3.524e+04	5271.25	-4.87	-6831.46	-470.15	5.791e+05
254	369	6.919e+05	1194.88	-0.07	-552.50	0.0	2.938e+04	5286.21	-10.99	-6770.49	1194.88	3.606e+05
		3.606e+05	356.73	-2.75e-04	0.0	92.1	2.938e+04	4733.71	-10.99	-6770.49	356.73	6.919e+05
254	373	6.560e+05	1609.74	-0.06	-552.50	0.0	3.101e+04	5459.90	-6.78	-5306.37	1609.74	3.379e+05
		3.379e+05	964.47	-1.01e-03	0.0	92.1	3.101e+04	4907.40	-6.78	-5306.37	964.47	6.560e+05
254	380	6.149e+05	-212.88	-0.06	-552.50	0.0	3.352e+04	5648.39	-8.92	-8227.84	-212.88	3.095e+05
		3.095e+05	-1029.26	8.05e-04	0.0	92.1	3.352e+04	5095.89	-8.92	-8227.84	-1029.26	6.149e+05
255	89	3.354e+06	-1.522e+04	-0.29	-745.88	0.0	1.269e+05	2.648e+04	-140.26	-1.250e+05	-1.522e+04	1.796e+06
		1.796e+06	-2.814e+04	2.18e-03	0.0	92.1	1.269e+05	2.573e+04	-140.26	-1.250e+05	-2.814e+04	3.354e+06
255	90	3.113e+06	-1.511e+04	-0.26	-552.50	0.0	1.147e+05	2.435e+04	-143.66	-1.286e+05	-1.511e+04	1.675e+06
		1.675e+06	-2.834e+04	2.13e-03	0.0	92.1	1.147e+05	2.380e+04	-143.66	-1.286e+05	-2.834e+04	3.113e+06
255	110	6.569e+05	-2395.36	-0.07	-552.50	0.0	4.041e+04	6448.53	-1.39	-1.290e+04	-2395.36	2.923e+05
		2.923e+05	-2522.98	2.58e-04	0.0	92.1	4.041e+04	5896.03	-1.39	-1.290e+04	-2522.98	6.569e+05
255	205	8.603e+05	66.17	-0.09	-745.88	0.0	4.367e+04	7522.05	10.75	9298.24	-923.78	4.379e+05
		4.379e+05	-923.78	1.40e-04	0.0	92.1	4.367e+04	6776.18	10.75	9298.24	66.17	8.603e+05
255	206	6.191e+05	-137.96	-0.06	-552.50	0.0	3.148e+04	5393.97	7.35	5661.09	-814.72	3.173e+05
		3.173e+05	-814.72	8.62e-05	0.0	92.1	3.148e+04	4841.47	7.35	5661.09	-137.96	6.191e+05
255	243	5.573e+05	612.91	-0.06	-552.50	0.0	3.439e+04	5552.50	1.18	8358.57	504.50	2.462e+05
		2.462e+05	504.50	2.73e-05	0.0	92.1	3.439e+04	5000.00	1.18	8358.57	612.91	5.573e+05
255	251	2.248e+06	-8389.23	-0.19	-552.50	0.0	8.192e+04	1.765e+04	-93.52	-5.618e+04	-8389.23	1.210e+06
		1.210e+06	-1.700e+04	1.29e-03	0.0	92.1	8.192e+04	1.709e+04	-93.52	-5.618e+04	-1.700e+04	2.248e+06
255	259	5.528e+05	-58.08	-0.06	-552.50	0.0	3.455e+04	5555.99	5.64	8170.98	-577.26	2.403e+05
		2.403e+05	-577.26	2.62e-05	0.0	92.1	3.455e+04	5003.49	5.64	8170.98	-58.08	5.528e+05
255	268	6.282e+05	-571.19	-0.06	-552.50	0.0	3.237e+04	5539.72	5.27	5210.68	-1056.61	3.177e+05
		3.177e+05	-1056.61	3.44e-04	0.0	92.1	3.237e+04	4987.22	5.27	5210.68	-571.19	6.282e+05
255	310	6.354e+05	-477.33	-0.06	-552.50	0.0	3.226e+04	5553.01	6.37	6163.37	-1064.24	3.240e+05
		3.240e+05	-1064.24	2.75e-04	0.0	92.1	3.226e+04	5000.51	6.37	6163.37	-477.33	6.354e+05
255	319	5.813e+05	840.83	-0.06	-552.50	0.0	3.374e+04	5553.14	4.12	8417.44	461.18	2.698e+05
		2.698e+05	461.18	-8.21e-05	0.0	92.1	3.374e+04	5000.64	4.12	8417.44	840.83	5.813e+05
255	321	1.849e+06	-6209.11	-0.16	-552.50	0.0	6.939e+04	1.462e+04	-66.90	-3.998e+04	-6209.11	9.927e+05
		9.927e+05	-1.237e+04	8.65e-04	0.0	92.1	6.939e+04	1.407e+04	-66.90	-3.998e+04	-1.237e+04	1.849e+06
255	323	5.779e+05	337.58	-0.06	-552.50	0.0	3.386e+04	5555.75	7.47	8276.74	-350.14	2.654e+05
		2.654e+05	-350.14	-8.30e-05	0.0	92.1	3.386e+04	5003.25	7.47	8276.74	337.58	5.779e+05
255	324	6.354e+05	30.32	-0.06	-552.50	0.0	3.226e+04	5554.10	7.90	6764.93	-697.33	3.237e+05
		3.237e+05	-697.33	1.02e-04	0.0	92.1	3.226e+04	5001.60	7.90	6764.93	30.32	6.354e+05
255	325	7.537e+05	2456.06	-0.07	-552.50	0.0	2.589e+04	5069.92	31.52	1.306e+04	37.62	4.012e+05
		4.012e+05	37.62	-1.19e-03	0.0	92.1	2.589e+04	4517.42	31.52	1.306e+04	2456.06	7.537e+05
255	328	5.172e+05	-1432.28	-0.05	-552.50	0.0	3.864e+04	6038.28	-15.72	470.46	-1432.28	2.462e+05
		2.462e+05	-2395.42	1.40e-03	0.0	92.1	3.864e+04	5485.78	-15.72	470.46	-2395.42	5.172e+05
255	336	5.172e+05	-1417.56	-0.05	-552.50	0.0	3.862e+04	6037.65	-15.02	439.40	-1417.56	2.462e+05
		2.462e+05	-2424.05	1.39e-03	0.0	92.1	3.862e+04	5485.15	-15.02	439.40	-2424.05	5.172e+05
255	342	6.311e+05	-5342.73	-0.06	-552.50	0.0	3.300e+04	5273.51	-44.19	-1.132e+04	-5342.73	3.173e+05
		3.173e+05	-9151.13	4.60e-03	0.0	92.1	3.300e+04	4721.01	-44.19	-1.132e+04	-9151.13	6.311e+05
255	343	6.398e+05	9211.77	-0.06	-552.50	0.0	3.153e+04	5834.69	59.99	2.485e+04	3948.07	3.301e+05
		3.301e+05	3948.07	-4.40e-03	0.0	92.1	3.153e+04	5282.19	59.99	2.485e+04	9211.77	6.398e+05
255	358	6.918e+05	-409.51	-0.07	-552.50	0.0	2.929e+04	5284.45	10.94	6698.43	-1247.30	3.604e+05
		3.604e+05	-1247.30	3.97e-04	0.0	92.1	2.929e+04	4731.95	10.94	6698.43	-409.51	6.918e+05
255	359	5.791e+05	470.15	-0.06	-552.50	0.0	3.524e+04	5823.75	4.87	6831.44	-147.36	2.870e+05
		2.870e+05	-147.36	-1.93e-04	0.0	92.1	3.524e+04	5271.25	4.87	6831.44	470.15	5.791e+05
255	362	6.919e+05	-356.73	-0.07	-552.50	0.0	2.938e+04	5286.21	10.99	6770.48	-1194.88	3.606e+05
		3.606e+05	-1194.88	2.75e-04	0.0	92.1	2.938e+04	4733.71	10.99	6770.48	-356.73	6.919e+05
255	371	5.790e+05	403.56	-0.06	-552.50	0.0	3.514e+04	5821.68	5.16	6745.04	-192.38	2.868e+05
		2.868e+05	-192.38	-7.23e-05	0.0	92.1	3.514e+04	5269.18	5.16	6745.04	403.56	5.790e+05
255	375	6.149e+05	1029.26	-0.06	-552.50	0.0	3.352e+04	5648.39	8.92	8227.82	212.87	3.095e+05
		3.095e+05	212.87	-8.05e-04	0.0	92.1	3.352e+04	5095.89	8.92	8227.82	1029.26	6.149e+05
255	378	6.560e+05	-964.48	-0.06	-552.50	0.0	3.101e+04	5459.90	6.78	5306.35	-1609.75	3.379e+05
		3.379e+05	-1609.75	1.01e-03	0.0	92.1	3.101e+04	4907.40	6.78	5306.35	-964.48	6.560e+05
256	89	3.082e+06	5570.56	-0.26	-745.88	0.0	1.154e+05	2.485e+04	-107.20	-1.205e+05	5570.56	1.642e+06
		1.642e+06	-4300.59	3.59e-03	0.0	92.1	1.154e+05	2.410e+04	-107.20	-1.205e+05	-4300.59	3.082e+06
256	90	2.830e+06	2346.97	-0.24	-552.50	0.0	1.025e+05	2.270e+04	-92.53	-1.216e+05	2346.97	1.510e+06
		1.510e+06	-6173.17	3.38e-03	0.0	92.1	1.025e+05	2.214e+04	-92.53	-1.216e+05	-6173.17	2.830e+06
256	110	6.224e+05	4527.94	-0.06	-552.50	0.0	3.851e+04	6205.61	-43.39	-2.225e+04	4527.94	2.762e+05
		2.762e+05	532.34	5.90e-04	0.0	92.1	3.851e+04	5653.11	-43.39	-2.225e+04	532.34	6.224e+05
256	171	8.834e+05	9607.01	-0.09	-745.88	0.0	5.166e+04	8398.41	53.62	-2.112e+04	9036.33	4.154e+05
		4.154e+05	3353.76	7.70e-04	-230.67	92.1	5.166e+04	7652.53	-177.05	-2.112e+04	3353.76	8.834e+05
256	206	6.291e+05	4588.29	-0.06	-552.50	0.0	3.204e+04	5508.67	-28.07	-1047.92	4588.29	3.240e+05
		3.240e+05	2003.18	3.88e-04	0.0	92.1	3.204e+04	4956.17	-28.07	-1047.92	2003.18	6.291e+05
256	251	2.126e+06	4021.04	-0.18	-552.50	0.0	7.749e+04	1.705e+04	-56.19	-5.081e+04	4021.04	1.138e+06
		1.138e+06	-1153.28	2.24e-03	0.0	92.1	7.749e+04	1.649e+04	-56.19	-5.081e+04	-1153.28	2.126e+06
256	259	5.666e+05	5734.61	-0.06	-552.50	0.0	3.522e+04	5626.01	-33.58	-145.04	5734.61	2.536e+05

		2.536e+05	2642.73	3.44e-04	0.0	92.1	3.522e+04	5073.51	-33.58	-145.04	2642.73	5.666e+05
256	268	6.411e+05	5362.89	-0.06	-552.50	0.0	3.325e+04	5641.10	-33.63	-1424.14	5362.89	3.306e+05
		3.306e+05	2266.02	6.62e-04	0.0	92.1	3.325e+04	5088.60	-33.63	-1424.14	2266.02	6.411e+05
256	302	5.977e+05	6914.60	-0.06	-552.50	0.0	3.485e+04	5678.50	40.69	-1176.05	6420.33	2.832e+05
		2.832e+05	3087.21	5.19e-04	-153.78	92.1	3.485e+04	5126.00	-113.09	-1176.05	3087.21	5.977e+05
256	309	6.502e+05	5666.75	-0.06	-552.50	0.0	3.318e+04	5656.40	-31.30	-85.78	5666.75	3.369e+05
		3.369e+05	2784.16	4.31e-04	0.0	92.1	3.318e+04	5103.90	-31.30	-85.78	2784.16	6.502e+05
256	319	6.023e+05	6667.09	-0.06	-552.50	0.0	3.411e+04	5629.43	-33.82	838.05	6667.09	2.911e+05
		2.911e+05	3553.03	2.25e-04	0.0	92.1	3.411e+04	5076.93	-33.82	838.05	3553.03	6.023e+05
256	321	1.762e+06	4659.48	-0.15	-552.50	0.0	6.628e+04	1.419e+04	-48.93	-3.770e+04	4659.48	9.418e+05
		9.418e+05	154.01	1.67e-03	0.0	92.1	6.628e+04	1.364e+04	-48.93	-3.770e+04	154.01	1.762e+06
256	323	5.996e+05	5944.66	-0.06	-552.50	0.0	3.458e+04	5628.26	-31.97	296.72	5944.66	2.786e+05
		2.786e+05	3001.01	2.43e-04	0.0	92.1	3.458e+04	5075.76	-31.97	296.72	3001.01	5.924e+05
256	324	6.502e+05	5666.75	-0.06	-552.50	0.0	3.318e+04	5656.40	-31.30	-85.78	5666.75	3.369e+05
		3.369e+05	2784.16	4.31e-04	0.0	92.1	3.318e+04	5103.90	-31.30	-85.78	2784.16	6.502e+05
256	325	7.866e+05	6869.59	-0.08	-552.50	0.0	2.533e+04	6003.33	-18.36	7016.61	6869.59	4.231e+05
		4.231e+05	4215.73	-8.36e-04	0.0	92.1	2.533e+04	5450.83	-18.36	7016.61	4215.73	7.866e+05
256	328	5.138e+05	4463.90	-0.05	-552.50	0.0	4.104e+04	5309.46	-44.24	-7188.18	4463.90	2.506e+05
		2.506e+05	1352.59	1.70e-03	0.0	92.1	4.104e+04	4756.96	-44.24	-7188.18	1352.59	5.138e+05
256	341	7.675e+05	1.067e+04	-0.07	-552.50	0.0	2.437e+04	5126.14	33.71	1.874e+04	8449.81	4.119e+05
		4.119e+05	8449.81	-4.01e-03	0.0	92.1	2.437e+04	4573.64	33.71	1.874e+04	1.067e+04	7.675e+05
256	344	5.329e+05	2883.69	-0.06	-552.50	0.0	4.199e+04	6186.66	-96.32	-1.891e+04	2883.69	2.619e+05
		2.619e+05	-5105.10	4.87e-03	0.0	92.1	4.199e+04	5634.16	-96.32	-1.891e+04	-5105.10	5.329e+05
256	346	5.996e+05	3129.39	-0.06	-552.50	0.0	3.858e+04	6518.57	-100.71	-1.796e+04	3129.39	3.039e+05
		3.039e+05	-5733.50	4.91e-03	0.0	92.1	3.858e+04	5966.07	-100.71	-1.796e+04	-5733.50	5.996e+05
256	347	7.008e+05	1.130e+04	-0.07	-552.50	0.0	2.779e+04	4794.22	38.10	1.779e+04	8204.11	3.699e+05
		3.699e+05	8204.11	-4.04e-03	0.0	92.1	2.779e+04	4241.72	38.10	1.779e+04	1.130e+04	7.008e+05
256	357	7.025e+05	5956.91	-0.07	-552.50	0.0	2.984e+04	5910.92	-33.17	1209.28	5956.91	3.755e+05
		3.755e+05	2427.22	2.03e-04	0.0	92.1	2.984e+04	5358.42	-33.17	1209.28	2427.22	7.025e+05
256	358	7.123e+05	5790.77	-0.07	-552.50	0.0	3.072e+04	5967.80	-36.73	263.63	5790.77	3.704e+05
		3.704e+05	2095.62	7.33e-04	0.0	92.1	3.072e+04	5415.30	-36.73	263.63	2095.62	7.123e+05
256	360	5.979e+05	5376.59	-0.06	-552.50	0.0	3.653e+04	5401.87	-29.43	-1380.85	5376.59	2.983e+05
		2.983e+05	3141.10	6.59e-04	0.0	92.1	3.653e+04	4849.37	-29.43	-1380.85	3141.10	5.979e+05
256	363	5.886e+05	5701.33	-0.06	-552.50	0.0	3.597e+04	5367.05	-26.03	-513.79	5701.33	2.967e+05
		2.967e+05	3629.92	2.52e-04	0.0	92.1	3.597e+04	4814.55	-26.03	-513.79	3629.92	5.886e+05
256	385	6.526e+05	6535.96	-0.07	-552.50	0.0	3.195e+04	5719.20	-27.02	1472.47	6535.96	3.340e+05
		3.340e+05	3698.28	-1.18e-04	0.0	92.1	3.195e+04	5166.70	-27.02	1472.47	3698.28	6.526e+05
256	386	6.821e+05	4924.82	-0.07	-552.50	0.0	3.270e+04	5761.69	-37.83	-1155.74	4924.82	3.613e+05
		3.613e+05	1544.85	9.10e-04	0.0	92.1	3.270e+04	5209.19	-37.83	-1155.74	1544.85	6.821e+05
257	127	4.955e+06	-1.921e+04	0.02	-826.87	0.0	2.360e+05	9119.87	-179.56	8255.23	-1.921e+04	4.350e+06
		4.350e+06	-2.971e+04	-4.71e-04	153.43	102.1	2.360e+05	8293.00	-26.12	8255.23	-2.971e+04	4.955e+06
257	184	8.483e+05	-4079.97	0.01	-612.50	0.0	5.207e+04	-462.40	5.04	6683.77	-4594.20	8.483e+05
		7.983e+05	-4594.20	-9.27e-05	0.0	102.1	5.207e+04	-1074.90	5.04	6683.77	-4079.97	7.983e+05
257	206	8.811e+05	-3388.77	0.01	-612.50	0.0	5.157e+04	-465.16	4.32	6630.19	-3829.77	8.811e+05
		8.314e+05	-3829.77	1.04e-04	0.0	102.1	5.157e+04	-1077.66	4.32	6630.19	-3388.77	8.314e+05
257	255	8.125e+05	-4510.32	0.01	-612.50	0.0	5.615e+04	-520.58	6.63	7062.17	-5187.44	8.125e+05
		7.608e+05	-5187.44	1.38e-04	0.0	102.1	5.615e+04	-1133.08	6.63	7062.17	-4510.32	7.608e+05
257	270	3.668e+06	-1.398e+04	0.02	-612.50	0.0	1.746e+05	6760.07	-127.83	5834.90	-1.398e+04	3.220e+06
		3.220e+06	-2.180e+04	-3.32e-04	102.29	102.1	1.746e+05	6147.57	-25.54	5834.90	-2.180e+04	3.668e+06
257	287	8.975e+05	-4658.87	0.01	-612.50	0.0	5.338e+04	-505.30	7.67	8206.54	-5441.53	8.975e+05
		8.447e+05	-5441.53	9.54e-05	0.0	102.1	5.338e+04	-1117.80	7.67	8206.54	-4658.87	8.447e+05
257	310	9.140e+05	-4784.39	0.01	-612.50	0.0	5.322e+04	-504.19	7.52	8296.50	-5552.42	9.140e+05
		8.612e+05	-5552.42	8.53e-05	0.0	102.1	5.322e+04	-1116.69	7.52	8296.50	-4784.39	8.612e+05
257	311	2.790e+06	-9732.34	0.01	-612.50	0.0	1.329e+05	5099.29	-56.17	3852.26	-9732.34	2.457e+06
		2.457e+06	-1.547e+04	2.21e-04	0.0	102.1	1.329e+05	4486.79	-56.17	3852.26	-1.547e+04	2.790e+06
257	322	8.448e+05	-4047.11	0.01	-612.50	0.0	5.531e+04	-519.04	6.48	7276.18	-4708.93	8.448e+05
		7.931e+05	-4708.93	1.68e-04	0.0	102.1	5.531e+04	-1131.54	6.48	7276.18	-4047.11	7.931e+05
257	324	9.116e+05	-4256.49	0.01	-612.50	0.0	5.334e+04	-506.86	7.19	8192.23	-4989.96	9.116e+05
		8.590e+05	-4989.96	1.19e-04	0.0	102.1	5.334e+04	-1119.36	7.19	8192.23	-4256.49	8.590e+05
257	334	1.234e+06	-2704.99	0.02	-612.50	0.0	3.557e+04	-222.46	13.85	6258.90	-7461.01	1.234e+06
		1.162e+06	-7461.01	-2.51e-04	0.0	102.1	3.557e+04	-834.96	13.85	6258.90	-2704.99	1.162e+06
257	335	5.892e+05	-2518.90	8.42e-03	-612.50	0.0	7.112e+04	-791.26	0.52	1.013e+04	-2518.90	5.892e+05
		5.560e+05	-5807.98	2.95e-04	0.0	102.1	7.112e+04	-1403.76	0.52	1.013e+04	-5807.98	5.560e+05
257	341	9.725e+05	-801.91	0.01	-612.50	0.0	5.269e+04	-545.12	18.50	4703.54	-2063.21	9.725e+05
		9.185e+05	-2063.21	8.95e-04	0.0	102.1	5.269e+04	-1157.62	18.50	4703.54	-801.91	9.185e+05
257	342	1.038e+06	-6274.20	0.01	-612.50	0.0	4.419e+04	-326.05	1.40	1.357e+04	-8803.13	1.038e+06
		9.757e+05	-8803.13	-8.56e-04	0.0	102.1	4.419e+04	-938.55	1.40	1.357e+04	-6274.20	9.757e+05
257	366	1.075e+06	-3416.13	0.02	-612.50	0.0	4.463e+04	-358.09	11.07	6880.36	-6127.90	1.075e+06
		1.013e+06	-6127.90	-1.10e-04	0.0	102.1	4.463e+04	-970.59	11.07	6880.36	-3416.13	1.013e+06
257	367	7.478e+05	-3852.01	0.01	-612.50	0.0	6.205e+04	-655.63	3.30	9504.10	-3852.01	7.478e+05
		7.051e+05	-5096.85	1.91e-04	0.0	102.1	6.205e+04	-1268.13	3.30	9504.10	-5096.85	7.051e+05
257	373	9.497e+05	-2661.08	0.01	-612.50	0.0	5.192e+04	-544.53	11.25	7515.79	-3905.48	9.497e+05
		8.962e+05	-3905.48	4.30e-04	0.0	102.1	5.192e+04	-1157.03	11.25	7515.79	-2661.08	8.962e+05
257	374	9.696e+05	-5120.15	0.01	-612.50	0.0	4.978e+04	-397.24	5.93	9829.63	-6526.04	9.696e+05
		9.125e+05	-6526.04	-3.95e-04	0.0	102.1	4.978e+04	-1009.74	5.93	9829.63	-5120.15	9.125e+05
258	106	3.897e+06	-8315.13	0.09	-612.50	0.0	1.892e+05	-1.104e+04	-22.32	3463.68	-8315.13	3.897e+06
		3.154e+06	-1.059e+04	-4.79e-04	0.0	102.1	1.892e+05	-1.165e+04	-22.32	3463.68	-1.059e+04	3.154e+06

258	127	4.574e+06	8530.27	0.02	-826.87	0.0	2.157e+05	8068.05	161.24	1.164e+04	-7929.16	4.039e+06
		4.039e+06	-7929.16	-1.21e-04	0.0	102.1	2.157e+05	7241.17	161.24	1.164e+04	8530.27	4.574e+06
258	165	4.571e+06	8787.18	0.02	-826.87	0.0	2.156e+05	8062.96	161.35	1.154e+04	-7683.77	4.037e+06
		4.037e+06	-7683.77	-7.38e-05	0.0	102.1	2.156e+05	7236.09	161.35	1.154e+04	8787.18	4.571e+06
258	184	8.340e+05	731.03	0.01	-612.50	0.0	5.137e+04	-385.95	-3.70	-2084.49	731.03	8.340e+05
		7.893e+05	352.87	-1.08e-04	0.0	102.1	5.137e+04	-998.45	-3.70	-2084.49	352.87	7.893e+05
258	206	8.666e+05	1529.22	0.01	-612.50	0.0	5.054e+04	-386.34	-4.45	-2169.12	1529.22	8.666e+05
		8.220e+05	1074.48	-2.32e-05	0.0	102.1	5.054e+04	-998.84	-4.45	-2169.12	1074.48	8.220e+05
258	255	7.944e+05	1236.67	0.01	-612.50	0.0	5.470e+04	-393.48	-5.65	-3231.36	1236.67	7.944e+05
		7.504e+05	659.57	5.28e-05	0.0	102.1	5.470e+04	-1005.98	-5.65	-3231.36	659.57	7.504e+05
258	270	3.387e+06	6412.99	0.02	-612.50	0.0	1.596e+05	5976.45	119.38	8588.51	-5773.65	2.991e+06
		2.991e+06	-5773.65	-7.78e-05	0.0	102.1	1.596e+05	5363.95	119.38	8588.51	6412.99	3.387e+06
258	287	8.753e+05	879.98	0.01	-612.50	0.0	5.210e+04	-390.87	-4.01	-1987.68	879.98	8.753e+05
		8.307e+05	470.28	-6.03e-05	0.0	102.1	5.210e+04	-1003.37	-4.01	-1987.68	470.28	8.307e+05
258	289	3.385e+06	6584.27	0.02	-612.50	0.0	1.595e+05	5973.06	119.46	8524.61	-5610.06	2.990e+06
		2.990e+06	-5610.06	-4.72e-05	0.0	102.1	1.595e+05	5360.56	119.46	8524.61	6584.27	3.385e+06
258	310	8.894e+05	736.73	0.01	-612.50	0.0	5.185e+04	-390.84	-3.80	-1873.09	736.73	8.894e+05
		8.447e+05	348.96	-9.15e-05	0.0	102.1	5.185e+04	-1003.34	-3.80	-1873.09	348.96	8.447e+05
258	311	2.611e+06	6454.47	0.01	-612.50	0.0	1.233e+05	4547.48	86.64	4436.70	-2389.68	2.314e+06
		2.314e+06	-2389.68	4.68e-05	0.0	102.1	1.233e+05	3934.98	86.64	4436.70	6454.47	2.611e+06
258	322	8.265e+05	1726.31	0.01	-612.50	0.0	5.373e+04	-393.03	-5.81	-3019.10	1726.31	8.265e+05
		7.824e+05	1133.40	1.19e-04	0.0	102.1	5.373e+04	-1005.53	-5.81	-3019.10	1133.40	7.824e+05
258	323	2.239e+06	-1280.66	0.05	-612.50	0.0	1.091e+05	-5955.30	-18.05	-2002.19	-1280.66	2.239e+06
		1.831e+06	-3122.76	-1.76e-04	0.0	102.1	1.091e+05	-6567.80	-18.05	-2002.19	-3122.76	1.831e+06
258	324	8.886e+05	1349.97	0.01	-612.50	0.0	5.185e+04	-390.94	-4.40	-2005.26	1349.97	8.886e+05
		8.440e+05	900.50	-2.24e-05	0.0	102.1	5.185e+04	-1003.44	-4.40	-2005.26	900.50	8.440e+05
258	333	1.185e+06	1148.22	0.02	-612.50	0.0	3.549e+04	-584.69	3.46	-1678.64	1148.22	1.185e+06
		1.128e+06	1121.18	2.89e-04	0.0	102.1	3.549e+04	-1197.19	3.46	-1678.64	1121.18	1.128e+06
258	334	1.192e+06	-704.92	0.02	-612.50	0.0	3.632e+04	-564.21	0.06	991.29	-704.92	1.192e+06
		1.134e+06	-988.33	-2.47e-04	0.0	102.1	3.632e+04	-1176.71	0.06	991.29	-988.33	1.134e+06
258	335	5.855e+05	3688.27	8.23e-03	-612.50	0.0	6.738e+04	-217.67	-8.87	-5001.80	3688.27	5.855e+05
		5.539e+05	2505.93	2.67e-04	0.0	102.1	6.738e+04	-830.17	-8.87	-5001.80	2505.93	5.539e+05
258	336	5.923e+05	1578.76	8.25e-03	-612.50	0.0	6.822e+04	-197.19	-12.26	-2331.87	1578.76	5.923e+05
		5.603e+05	652.79	-2.69e-04	0.0	102.1	6.822e+04	-809.69	-12.26	-2331.87	652.79	5.603e+05
258	346	9.899e+05	-2391.72	0.01	-612.50	0.0	4.846e+04	-411.86	-8.21	2943.10	-2391.72	9.899e+05
		9.408e+05	-2550.94	-8.81e-04	0.0	102.1	4.846e+04	-1024.36	-8.21	2943.10	-2550.94	9.408e+05
258	347	7.873e+05	5250.88	0.01	-612.50	0.0	5.524e+04	-370.03	-0.60	-6953.62	5250.88	7.873e+05
		7.473e+05	4192.73	9.00e-04	0.0	102.1	5.524e+04	-982.53	-0.60	-6953.62	4192.73	7.473e+05
258	365	1.042e+06	1123.99	0.01	-612.50	0.0	4.367e+04	-485.12	-1.87	-1400.84	1123.99	1.042e+06
		9.909e+05	939.39	1.40e-04	0.0	102.1	4.367e+04	-1097.62	-1.87	-1400.84	939.39	9.909e+05
258	366	1.044e+06	271.47	0.01	-612.50	0.0	4.383e+04	-481.23	-0.70	-920.31	271.47	1.044e+06
		9.924e+05	169.86	-1.09e-04	0.0	102.1	4.383e+04	-1093.73	-0.70	-920.31	169.86	9.924e+05
258	367	7.336e+05	2428.46	0.01	-612.50	0.0	5.988e+04	-300.66	-8.11	-3090.20	2428.46	7.336e+05
		6.956e+05	1631.15	1.29e-04	0.0	102.1	5.988e+04	-913.16	-8.11	-3090.20	1631.15	6.956e+05
258	368	7.354e+05	1575.95	0.01	-612.50	0.0	6.004e+04	-296.76	-6.93	-2609.67	1575.95	7.354e+05
		6.972e+05	861.62	-1.20e-04	0.0	102.1	6.004e+04	-909.26	-6.93	-2609.67	861.62	6.972e+05
258	378	9.379e+05	-266.56	0.01	-612.50	0.0	4.969e+04	-412.12	-1.50	-950.97	-266.56	9.379e+05
		8.909e+05	-485.80	-4.04e-04	0.0	102.1	4.969e+04	-1024.62	-1.50	-950.97	-485.80	8.909e+05
258	379	8.394e+05	2966.50	0.01	-612.50	0.0	5.402e+04	-369.76	-7.30	-3059.54	2966.50	8.394e+05
		7.972e+05	2286.81	4.24e-04	0.0	102.1	5.402e+04	-982.26	-7.30	-3059.54	2286.81	7.972e+05
259	127	4.129e+06	-2.347e+04	0.02	-826.87	0.0	1.950e+05	6815.77	-142.69	-1558.50	-2.347e+04	3.679e+06
		3.679e+06	-3.804e+04	6.32e-04	0.0	102.1	1.950e+05	5988.89	-142.69	-1558.50	-3.804e+04	4.129e+06
259	146	8.317e+05	-2014.75	0.01	-612.50	0.0	5.138e+04	-386.25	5.53	2482.44	-2014.75	8.317e+05
		7.874e+05	-2578.79	-1.98e-04	0.0	102.1	5.138e+04	-998.75	5.53	2482.44	-2578.79	7.874e+05
259	165	4.132e+06	-2.323e+04	0.02	-826.87	0.0	1.951e+05	6820.85	-142.58	-1654.35	-2.323e+04	3.681e+06
		3.681e+06	-3.778e+04	6.57e-04	0.0	102.1	1.951e+05	5993.98	-142.58	-1654.35	-3.778e+04	4.132e+06
259	206	8.666e+05	-1074.48	0.01	-612.50	0.0	5.054e+04	-386.34	4.45	2169.13	-1074.48	8.666e+05
		8.220e+05	-1529.22	2.32e-05	0.0	102.1	5.054e+04	-998.84	4.45	2169.13	-1529.22	8.220e+05
259	255	7.974e+05	-1146.96	0.01	-612.50	0.0	5.435e+04	-388.26	2.87	864.38	-1146.96	7.974e+05
		7.525e+05	-1440.39	5.50e-05	0.0	102.1	5.435e+04	-1000.76	2.87	864.38	-1440.39	7.525e+05
259	268	8.738e+05	-1573.37	0.01	-612.50	0.0	5.211e+04	-391.08	5.22	2252.01	-1573.37	8.738e+05
		8.294e+05	-2106.45	-1.43e-04	0.0	102.1	5.211e+04	-1003.58	5.22	2252.01	-2106.45	8.294e+05
259	270	3.058e+06	-1.733e+04	0.02	-612.50	0.0	1.443e+05	5049.24	-105.77	-1159.53	-1.733e+04	2.724e+06
		2.724e+06	-2.812e+04	4.74e-04	0.0	102.1	1.443e+05	4436.74	-105.77	-1159.53	-2.812e+04	3.058e+06
259	289	3.059e+06	-1.716e+04	0.02	-612.50	0.0	1.443e+05	5052.62	-105.70	-1223.43	-1.716e+04	2.725e+06
		2.725e+06	-2.795e+04	4.90e-04	0.0	102.1	1.443e+05	4440.12	-105.70	-1223.43	-2.795e+04	3.059e+06
259	309	8.886e+05	-900.50	0.01	-612.50	0.0	5.185e+04	-390.94	4.40	2005.26	-900.50	8.886e+05
		8.440e+05	-1349.97	2.24e-05	0.0	102.1	5.185e+04	-1003.44	4.40	2005.26	-1349.97	8.440e+05
259	311	2.405e+06	-1.066e+04	0.01	-612.50	0.0	1.142e+05	3775.67	-83.21	-3415.68	-1.066e+04	2.161e+06
		2.161e+06	-1.916e+04	3.57e-04	0.0	102.1	1.142e+05	3163.17	-83.21	-3415.68	-1.916e+04	2.405e+06
259	322	8.299e+05	-671.63	0.01	-612.50	0.0	5.346e+04	-388.97	2.82	1045.63	-671.63	8.299e+05
		7.850e+05	-959.25	1.05e-04	0.0	102.1	5.346e+04	-1001.47	2.82	1045.63	-959.25	7.850e+05
259	324	8.886e+05	-900.50	0.01	-612.50	0.0	5.185e+04	-390.94	4.40	2005.26	-900.50	8.886e+05
		8.440e+05	-1349.97	2.24e-05	0.0	102.1	5.185e+04	-1003.44	4.40	2005.26	-1349.97	8.440e+05
259	325	1.192e+06	968.21	0.02	-612.50	0.0	3.626e+04	-565.06	0.41	-959.79	968.21	1.192e+06
		1.134e+06	625.00	2.46e-04	0.0	102.1	3.626e+04	-1177.56	0.41	-959.79	625.00	1.134e+06
259	326	1.185e+06	-1068.29	0.02	-612.50	0.0	3.555e+04	-583.84	-3.93	1647.16	-1068.29	1.185e+06

		1.128e+06	-1101.06	-2.88e-04	0.0	102.1	3.555e+04	-1196.34	-3.93	1647.16	-1068.29	1.128e+06
259	327	5.924e+05	-732.72	8.22e-03	-612.50	0.0	6.816e+04	-198.04	12.74	2363.36	-1598.88	5.924e+05
		5.603e+05	-1598.88	2.68e-04	0.0	102.1	6.816e+04	-810.54	12.74	2363.36	-732.72	5.603e+05
259	328	5.854e+05	-2426.01	8.26e-03	-612.50	0.0	6.745e+04	-216.82	8.40	4970.32	-3668.15	5.854e+05
		5.538e+05	-3668.15	-2.66e-04	0.0	102.1	6.745e+04	-829.32	8.40	4970.32	-2426.01	5.538e+05
259	341	9.902e+05	2483.88	0.01	-612.50	0.0	4.825e+04	-414.70	9.79	-2838.13	2483.88	9.902e+05
		9.409e+05	2125.30	8.77e-04	0.0	102.1	4.825e+04	-1027.20	9.79	-2838.13	2125.30	9.409e+05
259	344	7.870e+05	-3926.31	0.01	-612.50	0.0	5.545e+04	-367.19	-0.98	6848.65	-5183.82	7.870e+05
		7.471e+05	-5183.82	-8.97e-04	0.0	102.1	5.545e+04	-979.69	-0.98	6848.65	-3926.31	7.471e+05
259	357	1.044e+06	-169.86	0.01	-612.50	0.0	4.383e+04	-481.23	0.70	920.31	-271.48	1.044e+06
		9.924e+05	-271.48	1.09e-04	0.0	102.1	4.383e+04	-1093.73	0.70	920.31	-169.86	9.924e+05
259	358	1.042e+06	-939.39	0.01	-612.50	0.0	4.367e+04	-485.12	1.87	1400.84	-1123.99	1.042e+06
		9.909e+05	-1123.99	-1.40e-04	0.0	102.1	4.367e+04	-1097.62	1.87	1400.84	-939.39	9.909e+05
259	359	7.354e+05	-861.62	0.01	-612.50	0.0	6.004e+04	-296.76	6.93	2609.68	-1575.95	7.354e+05
		6.972e+05	-1575.95	1.20e-04	0.0	102.1	6.004e+04	-909.26	6.93	2609.68	-861.62	6.972e+05
259	360	7.336e+05	-1631.15	0.01	-612.50	0.0	5.988e+04	-300.66	8.11	3090.21	-2428.46	7.336e+05
		6.956e+05	-2428.46	-1.29e-04	0.0	102.1	5.988e+04	-913.16	8.11	3090.21	-1631.15	6.956e+05
259	373	9.379e+05	485.80	0.01	-612.50	0.0	4.969e+04	-412.12	1.50	950.98	266.56	9.379e+05
		8.909e+05	266.56	4.04e-04	0.0	102.1	4.969e+04	-1024.62	1.50	950.98	485.80	8.909e+05
259	376	8.394e+05	-2286.81	0.01	-612.50	0.0	5.402e+04	-369.76	7.30	3059.54	-2966.50	8.394e+05
		7.972e+05	-2966.50	-4.24e-04	0.0	102.1	5.402e+04	-982.26	7.30	3059.54	-2286.81	7.972e+05
260	106	3.162e+06	-3910.88	0.07	-612.50	0.0	1.532e+05	-8186.06	20.84	5169.48	-6038.19	3.162e+06
		2.619e+06	-6038.19	-1.55e-03	0.0	102.1	1.532e+05	-8798.56	20.84	5169.48	-3910.88	2.619e+06
260	146	8.411e+05	2899.42	0.01	-612.50	0.0	5.245e+04	-470.46	-4.02	-6369.83	2899.42	8.411e+05
		7.918e+05	2489.30	-2.11e-04	0.0	102.1	5.245e+04	-1082.96	-4.02	-6369.83	2489.30	7.918e+05
260	165	3.770e+06	3102.63	0.02	-826.87	0.0	1.786e+05	5999.99	123.06	-1.110e+04	-1934.34	3.770e+06
		3.377e+06	-1934.34	2.63e-04	-153.43	102.1	1.786e+05	5173.12	-30.37	-1.110e+04	2796.62	3.377e+06
260	181	1.213e+06	1.009e+04	0.02	-826.87	0.0	7.350e+04	-700.93	114.97	-1.327e+04	7453.87	1.213e+06
		1.142e+06	6137.98	-2.92e-04	-255.72	102.1	7.350e+04	-1527.80	-140.75	-1.327e+04	6137.98	1.142e+06
260	206	8.811e+05	3829.77	0.01	-612.50	0.0	5.157e+04	-465.16	-4.32	-6630.18	3829.77	8.811e+05
		8.314e+05	3388.77	-1.04e-04	0.0	102.1	5.157e+04	-1077.66	-4.32	-6630.18	3388.77	8.314e+05
260	255	8.206e+05	4933.40	0.01	-612.50	0.0	5.532e+04	-493.28	-8.42	-9158.34	4933.40	8.206e+05
		7.672e+05	4074.15	-9.05e-05	0.0	102.1	5.532e+04	-1105.78	-8.42	-9158.34	4074.15	7.672e+05
260	268	8.927e+05	4316.60	0.01	-612.50	0.0	5.364e+04	-510.65	-6.99	-7998.00	4316.60	8.927e+05
		8.404e+05	3603.06	-1.80e-04	0.0	102.1	5.364e+04	-1123.15	-6.99	-7998.00	3603.06	8.404e+05
260	270	2.785e+06	1492.57	0.02	-612.50	0.0	1.318e+05	4451.51	35.97	-7059.52	-2178.86	2.785e+06
		2.494e+06	-2178.86	1.56e-04	0.0	102.1	1.318e+05	3839.01	35.97	-7059.52	1492.57	2.494e+06
260	289	2.791e+06	2119.50	0.02	-612.50	0.0	1.320e+05	4449.67	85.90	-7969.08	-1558.50	2.791e+06
		2.500e+06	-1558.50	2.01e-04	-102.29	102.1	1.320e+05	3837.17	-16.39	-7969.08	1989.34	2.500e+06
260	302	8.559e+05	7118.95	0.01	-612.50	0.0	5.520e+04	-514.32	76.06	-9466.27	5387.47	8.559e+05
		8.030e+05	4450.53	-2.02e-04	-170.48	102.1	5.520e+04	-1126.82	-94.42	-9466.27	4450.53	8.030e+05
260	309	9.116e+05	4989.96	0.01	-612.50	0.0	5.334e+04	-506.86	-7.19	-8192.22	4989.96	9.116e+05
		8.590e+05	4256.49	-1.19e-04	0.0	102.1	5.334e+04	-1119.36	-7.19	-8192.22	4256.49	8.590e+05
260	311	2.243e+06	3528.34	0.01	-612.50	0.0	1.074e+05	3280.63	24.42	-8471.35	1035.43	2.243e+06
		2.034e+06	1035.43	2.16e-04	0.0	102.1	1.074e+05	2668.13	24.42	-8471.35	3528.34	2.034e+06
260	322	8.545e+05	5362.10	0.01	-612.50	0.0	5.449e+04	-494.56	-8.33	-9004.71	5362.10	8.545e+05
		8.011e+05	4511.84	9.77e-05	0.0	102.1	5.449e+04	-1107.06	-8.33	-9004.71	4511.84	8.011e+05
260	324	9.116e+05	4989.96	0.01	-612.50	0.0	5.334e+04	-506.86	-7.19	-8192.22	4989.96	9.116e+05
		8.590e+05	4256.49	-1.19e-04	0.0	102.1	5.334e+04	-1119.36	-7.19	-8192.22	4256.49	8.590e+05
260	325	1.234e+06	7435.27	0.02	-612.50	0.0	3.561e+04	-224.96	-13.02	-6265.11	7435.27	1.234e+06
		1.162e+06	2598.00	2.49e-04	0.0	102.1	3.561e+04	-837.46	-13.02	-6265.11	2598.00	1.162e+06
260	328	5.892e+05	5914.97	8.42e-03	-612.50	0.0	7.108e+04	-788.76	-1.35	-1.012e+04	2544.64	5.892e+05
		5.559e+05	2544.64	-2.95e-04	0.0	102.1	7.108e+04	-1401.26	-1.35	-1.012e+04	5914.97	5.559e+05
260	334	1.213e+06	5482.08	0.02	-612.50	0.0	3.824e+04	-299.64	-19.79	-1.000e+04	5482.08	1.213e+06
		1.144e+06	1147.88	-2.90e-04	0.0	102.1	3.824e+04	-912.14	-19.79	-1.000e+04	1147.88	1.144e+06
260	345	1.038e+06	8717.34	0.01	-612.50	0.0	4.433e+04	-334.37	1.38	-1.359e+04	8717.34	1.038e+06
		9.761e+05	5917.56	8.50e-04	0.0	102.1	4.433e+04	-946.87	1.38	-1.359e+04	5917.56	9.761e+05
260	357	1.075e+06	6127.90	0.02	-612.50	0.0	4.463e+04	-358.09	-11.07	-6880.35	6127.90	1.075e+06
		1.013e+06	3416.12	1.10e-04	0.0	102.1	4.463e+04	-970.59	-11.07	-6880.35	3416.12	1.013e+06
260	360	7.478e+05	5096.85	0.01	-612.50	0.0	6.205e+04	-655.63	-3.30	-9504.09	3852.01	7.478e+05
		7.051e+05	3852.01	-1.91e-04	0.0	102.1	6.205e+04	-1268.13	-3.30	-9504.09	5096.85	7.051e+05
260	377	9.696e+05	6526.04	0.01	-612.50	0.0	4.978e+04	-397.24	-5.93	-9829.63	6526.04	9.696e+05
		9.125e+05	5120.14	3.95e-04	0.0	102.1	4.978e+04	-1009.74	-5.93	-9829.63	5120.14	9.125e+05
260	378	9.497e+05	3905.48	0.01	-612.50	0.0	5.192e+04	-544.53	-11.25	-7515.78	3905.48	9.497e+05
		8.962e+05	2661.08	-4.30e-04	0.0	102.1	5.192e+04	-1157.03	-11.25	-7515.78	2661.08	8.962e+05
261	105	4.056e+06	-1.602e+04	-0.34	-745.88	0.0	1.551e+05	3.335e+04	-15.92	-1.280e+05	-1.602e+04	4.056e+06
		2.098e+06	-1.748e+04	-4.83e-04	0.0	92.1	1.551e+05	3.261e+04	-15.92	-1.280e+05	-1.748e+04	2.098e+06
261	184	5.945e+05	-2632.63	-0.06	-552.50	0.0	3.275e+04	5469.36	28.21	1811.41	-5230.61	5.945e+05
		2.900e+05	-5230.61	-2.67e-04	0.0	92.1	3.275e+04	4916.86	28.21	1811.41	-2632.63	2.900e+05
261	206	6.285e+05	-2004.25	-0.06	-552.50	0.0	3.202e+04	5504.42	28.06	1055.48	-4587.81	6.285e+05
		3.237e+05	-4587.81	-3.87e-04	0.0	92.1	3.202e+04	4951.92	28.06	1055.48	-2004.25	3.237e+05
261	255	5.394e+05	-2394.48	-0.06	-552.50	0.0	3.648e+04	5650.10	31.94	4380.30	-5335.88	5.394e+05
		2.215e+05	-5335.88	-4.93e-04	0.0	92.1	3.648e+04	5097.60	31.94	4380.30	-2394.48	2.215e+05
261	259	2.610e+06	-1.007e+04	-0.21	-552.50	0.0	9.499e+04	2.142e+04	-8.01	-6.174e+04	-1.007e+04	2.610e+06
		1.353e+06	-1.081e+04	-5.67e-04	0.0	92.1	9.499e+04	2.086e+04	-8.01	-6.174e+04	-1.081e+04	1.353e+06
261	287	6.353e+05	-3155.59	-0.06	-552.50	0.0	3.336e+04	5620.98	31.48	712.09	-6054.67	6.353e+05
		3.231e+05	-6054.67	-3.73e-04	0.0	92.1	3.336e+04	5068.48	31.48	712.09	-3155.59	3.231e+05

261	310	6.504e+05	-3232.37	-0.06	-552.50	0.0	3.314e+04	5646.13	30.27	-261.35	-6019.99	3.365e+05
		3.365e+05	-6019.99	-3.34e-04	0.0	92.1	3.314e+04	5093.63	30.27	-261.35	-3232.37	6.504e+05
261	322	5.757e+05	-2146.45	-0.06	-552.50	0.0	3.542e+04	5656.55	32.28	3395.48	-5118.94	2.597e+05
		2.597e+05	-5118.94	-5.54e-04	0.0	92.1	3.542e+04	5104.05	32.28	3395.48	-2146.45	5.757e+05
261	323	2.129e+06	-8456.70	-0.18	-552.50	0.0	7.930e+04	1.748e+04	2.32	-4.620e+04	-8670.24	1.108e+06
		1.108e+06	-8670.24	-6.09e-04	0.0	92.1	7.930e+04	1.693e+04	2.32	-4.620e+04	-8456.70	2.129e+06
261	324	6.496e+05	-2785.30	-0.06	-552.50	0.0	3.317e+04	5652.04	31.29	94.59	-5666.23	3.365e+05
		3.365e+05	-5666.23	-4.31e-04	0.0	92.1	3.317e+04	5099.54	31.29	94.59	-2785.30	6.496e+05
261	333	8.754e+05	117.30	-0.09	-552.50	0.0	2.185e+04	6726.74	48.97	-1528.75	-5691.78	4.907e+05
		4.907e+05	-5691.78	-7.21e-04	0.0	92.1	2.185e+04	6174.24	48.97	-1528.75	117.30	8.754e+05
261	336	4.239e+05	-5640.68	-0.04	-552.50	0.0	4.449e+04	4577.34	13.60	1717.93	-5640.68	1.824e+05
		1.824e+05	-5687.90	-1.41e-04	0.0	92.1	4.449e+04	4024.84	13.60	1717.93	-5687.90	4.239e+05
261	341	7.382e+05	1073.04	-0.07	-552.50	0.0	2.729e+04	6154.76	50.18	5009.18	-3365.25	4.116e+05
		4.116e+05	-3365.25	-1.25e-03	0.0	92.1	2.729e+04	5602.26	50.18	5009.18	1073.04	7.382e+05
261	346	6.921e+05	-5488.16	-0.07	-552.50	0.0	3.279e+04	5755.14	20.30	-6800.73	-8436.35	3.481e+05
		3.481e+05	-8436.35	3.77e-04	0.0	92.1	3.279e+04	5202.64	20.30	-6800.73	-5488.16	6.921e+05
261	366	7.632e+05	-2078.52	-0.08	-552.50	0.0	2.756e+04	6147.83	36.43	-2127.18	-6255.09	4.123e+05
		4.123e+05	-6255.09	-3.70e-04	0.0	92.1	2.756e+04	5595.33	36.43	-2127.18	-2078.52	7.632e+05
261	367	5.361e+05	-3492.07	-0.05	-552.50	0.0	3.878e+04	5156.25	26.14	2316.36	-5077.37	2.608e+05
		2.608e+05	-5077.37	-4.91e-04	0.0	92.1	3.878e+04	4603.75	26.14	2316.36	-3492.07	5.361e+05
261	369	7.635e+05	-1511.99	-0.08	-552.50	0.0	2.798e+04	6181.86	39.45	-1210.57	-5870.29	4.091e+05
		4.091e+05	-5870.29	-5.46e-04	0.0	92.1	2.798e+04	5629.36	39.45	-1210.57	-1511.99	7.635e+05
261	371	5.383e+05	-3467.19	-0.05	-552.50	0.0	3.863e+04	5146.11	26.07	2272.44	-5065.33	2.604e+05
		2.604e+05	-5065.33	-4.93e-04	0.0	92.1	3.863e+04	4593.61	26.07	2272.44	-3467.19	5.383e+05
261	381	6.876e+05	-1504.39	-0.07	-552.50	0.0	3.204e+04	5845.84	38.21	1053.19	-5124.36	3.529e+05
		3.529e+05	-5124.36	-7.31e-04	0.0	92.1	3.204e+04	5293.34	38.21	1053.19	-1504.39	6.876e+05
261	386	6.791e+05	-3477.70	-0.07	-552.50	0.0	3.112e+04	5767.59	28.37	-1882.34	-6448.37	3.647e+05
		3.647e+05	-6448.37	-1.41e-04	0.0	92.1	3.112e+04	5215.09	28.37	-1882.34	-3477.70	6.791e+05
262	105	3.687e+06	-361.76	-0.31	-745.88	0.0	1.417e+05	2.942e+04	19.89	-1.338e+05	-2193.41	1.958e+06
		1.958e+06	-2193.41	1.16e-03	0.0	92.1	1.417e+05	2.867e+04	19.89	-1.338e+05	-361.76	3.687e+06
262	127	2.385e+06	-2228.99	-0.29	-745.88	0.0	1.052e+05	2.025e+04	-77.67	-1.305e+05	-2228.99	1.219e+06
		1.219e+06	-9380.88	9.35e-04	0.0	92.1	1.052e+05	1.950e+04	-77.67	-1.305e+05	-9380.88	2.385e+06
262	146	5.873e+05	92.76	-0.06	-552.50	0.0	3.238e+04	5409.28	-9.78	-7648.67	92.76	2.838e+05
		2.838e+05	-807.59	1.17e-04	0.0	92.1	3.238e+04	4856.78	-9.78	-7648.67	-807.59	5.873e+05
262	205	8.595e+05	923.59	-0.09	-745.88	0.0	4.365e+04	7515.76	-10.74	-9291.72	923.59	4.375e+05
		4.375e+05	-65.67	-1.40e-04	0.0	92.1	4.365e+04	6769.89	-10.74	-9291.72	-65.67	8.595e+05
262	206	6.185e+05	814.58	-0.06	-552.50	0.0	3.147e+04	5389.49	-7.34	-5656.95	814.58	3.169e+05
		3.169e+05	138.36	-8.61e-05	0.0	92.1	3.147e+04	4836.99	-7.34	-5656.95	138.36	6.185e+05
262	255	5.369e+05	1139.83	-0.06	-552.50	0.0	3.514e+04	5576.67	-9.46	-4832.18	1139.83	2.224e+05
		2.224e+05	268.32	-1.56e-04	0.0	92.1	3.514e+04	5024.17	-9.46	-4832.18	268.32	5.369e+05
262	259	2.410e+06	2367.52	-0.20	-552.50	0.0	8.837e+04	1.931e+04	36.21	-5.943e+04	-966.77	1.273e+06
		1.273e+06	-966.77	5.21e-04	0.0	92.1	8.837e+04	1.876e+04	36.21	-5.943e+04	2367.52	2.410e+06
262	270	1.766e+06	-1586.89	-0.21	-552.50	0.0	7.781e+04	1.498e+04	-57.26	-9.637e+04	-1586.89	9.038e+05
		9.038e+05	-6859.35	6.79e-04	0.0	92.1	7.781e+04	1.443e+04	-57.26	-9.637e+04	-6859.35	1.766e+06
262	287	6.215e+05	274.55	-0.06	-552.50	0.0	3.254e+04	5538.57	-7.93	-6320.24	274.55	3.105e+05
		3.105e+05	-455.40	-4.47e-05	0.0	92.1	3.254e+04	4986.07	-7.93	-6320.24	-455.40	6.215e+05
262	309	6.348e+05	697.18	-0.06	-552.50	0.0	3.225e+04	5549.46	-7.90	-6760.18	697.18	3.233e+05
		3.233e+05	-29.94	-1.02e-04	0.0	92.1	3.225e+04	4996.96	-7.90	-6760.18	-29.94	6.348e+05
262	311	1.380e+06	-477.91	-0.16	-552.50	0.0	6.038e+04	1.175e+04	-36.05	-5.915e+04	-477.91	7.060e+05
		7.060e+05	-3797.67	2.70e-04	0.0	92.1	6.038e+04	1.120e+04	-36.05	-5.915e+04	-3797.67	1.380e+06
262	322	5.703e+05	1365.70	-0.06	-552.50	0.0	3.416e+04	5567.34	-8.42	-4969.46	1365.70	2.569e+05
		2.569e+05	590.54	-2.21e-04	0.0	92.1	3.416e+04	5014.84	-8.42	-4969.46	590.54	5.703e+05
262	323	1.975e+06	2164.94	-0.17	-552.50	0.0	7.408e+04	1.587e+04	25.84	-4.592e+04	-214.26	1.045e+06
		1.045e+06	-214.26	2.86e-04	0.0	92.1	7.408e+04	1.532e+04	25.84	-4.592e+04	2164.94	1.975e+06
262	324	6.348e+05	697.18	-0.06	-552.50	0.0	3.225e+04	5549.46	-7.90	-6760.18	697.18	3.233e+05
		3.233e+05	-29.94	-1.02e-04	0.0	92.1	3.225e+04	4996.96	-7.90	-6760.18	-29.94	6.348e+05
262	333	8.489e+05	3045.26	-0.08	-552.50	0.0	2.163e+04	4580.99	-21.15	-6714.41	3045.26	4.703e+05
		4.703e+05	1482.77	-3.94e-04	0.0	92.1	2.163e+04	4028.49	-21.15	-6714.41	1482.77	8.489e+05
262	336	4.207e+05	-1542.65	-0.04	-552.50	0.0	4.287e+04	6517.92	5.36	-6805.94	-1542.65	4.207e+05
		1.764e+05	-1650.89	1.90e-04	0.0	92.1	4.287e+04	5965.42	5.36	-6805.94	-1542.65	4.207e+05
262	341	7.075e+05	4004.59	-0.07	-552.50	0.0	2.825e+04	5213.19	-5.41	-104.40	4004.59	3.779e+05
		3.779e+05	3410.08	-9.80e-04	0.0	92.1	2.825e+04	4660.69	-5.41	-104.40	3410.08	7.075e+05
262	344	5.621e+05	-2610.22	-0.06	-552.50	0.0	3.625e+04	5885.73	-10.39	-1.342e+04	-2610.22	2.687e+05
		2.687e+05	-3469.96	7.76e-04	0.0	92.1	3.625e+04	5333.23	-10.39	-1.342e+04	-3469.96	5.621e+05
262	365	7.434e+05	1707.05	-0.07	-552.50	0.0	2.691e+04	5059.24	-14.98	-7214.68	1707.05	3.974e+05
		3.974e+05	546.18	-2.11e-04	0.0	92.1	2.691e+04	4506.74	-14.98	-7214.68	546.18	7.434e+05
262	368	5.263e+05	-312.68	-0.05	-552.50	0.0	3.758e+04	6039.67	-0.81	-6305.68	-312.68	2.493e+05
		2.493e+05	-606.06	1.30e-05	0.0	92.1	3.758e+04	5487.17	-0.81	-6305.68	-606.06	5.263e+05
262	369	7.440e+05	1703.49	-0.07	-552.50	0.0	2.697e+04	5060.60	-15.06	-7302.98	1703.49	3.975e+05
		3.975e+05	535.44	-2.11e-04	0.0	92.1	2.697e+04	4508.10	-15.06	-7302.98	535.44	7.440e+05
262	372	5.257e+05	-309.12	-0.05	-552.50	0.0	3.753e+04	6038.32	-0.73	-6217.38	-309.12	2.492e+05
		2.492e+05	-595.32	1.30e-05	0.0	92.1	3.753e+04	5485.82	-0.73	-6217.38	-595.32	5.257e+05
262	373	6.668e+05	1789.32	-0.07	-552.50	0.0	3.038e+04	5390.88	-8.13	-4955.02	1789.32	3.465e+05
		3.465e+05	1066.85	-4.15e-04	0.0	92.1	3.038e+04	4838.38	-8.13	-4955.02	1066.85	6.668e+05
262	376	6.028e+05	-394.96	-0.06	-552.50	0.0	3.412e+04	5708.03	-7.66	-8565.33	-394.96	3.002e+05
		3.002e+05	-1126.73	2.11e-04	0.0	92.1	3.412e+04	5155.53	-7.66	-8565.33	-1126.73	6.028e+05
263	102	6.454e+05	-1192.99	-0.07	-552.50	0.0	4.067e+04	6442.01	-6.49	-1.262e+04	-1192.99	2.822e+05

		2.822e+05	-1791.01	2.10e-04	0.0	92.1	4.067e+04	5889.51	-6.49	-1.262e+04	-1791.01	6.454e+05
263	105	3.330e+06	-1.500e+04	-0.28	-745.88	0.0	1.274e+05	2.646e+04	-138.99	-1.223e+05	-1.500e+04	1.772e+06
		1.772e+06	-2.780e+04	1.92e-03	0.0	92.1	1.274e+05	2.572e+04	-138.99	-1.223e+05	-2.780e+04	3.330e+06
263	106	3.089e+06	-1.489e+04	-0.26	-552.50	0.0	1.152e+05	2.434e+04	-142.39	-1.260e+05	-1.489e+04	1.652e+06
		1.652e+06	-2.800e+04	1.87e-03	0.0	92.1	1.152e+05	2.379e+04	-142.39	-1.260e+05	-2.800e+04	3.089e+06
263	205	8.595e+05	65.66	-0.09	-745.88	0.0	4.365e+04	7515.76	10.74	9291.70	-923.59	4.375e+05
		4.375e+05	-923.59	1.40e-04	0.0	92.1	4.365e+04	6769.89	10.74	9291.70	65.66	8.595e+05
263	206	6.185e+05	-138.36	-0.06	-552.50	0.0	3.147e+04	5389.49	7.34	5656.94	-814.59	3.169e+05
		3.169e+05	-814.59	8.61e-05	0.0	92.1	3.147e+04	4836.99	7.34	5656.94	-138.36	6.185e+05
263	255	5.477e+05	652.13	-0.06	-552.50	0.0	3.464e+04	5549.27	0.70	8336.70	587.44	2.366e+05
		2.366e+05	587.44	-1.80e-05	0.0	92.1	3.464e+04	4996.77	0.70	8336.70	652.13	5.477e+05
263	259	2.231e+06	-8249.02	-0.19	-552.50	0.0	8.232e+04	1.764e+04	-92.41	-5.435e+04	-8249.02	1.193e+06
		1.193e+06	-1.676e+04	1.06e-03	0.0	92.1	8.232e+04	1.709e+04	-92.41	-5.435e+04	-1.676e+04	2.231e+06
263	268	6.211e+05	-562.28	-0.06	-552.50	0.0	3.253e+04	5535.10	5.50	5365.40	-1068.32	3.107e+05
		3.107e+05	-1068.32	2.47e-04	0.0	92.1	3.253e+04	4982.60	5.50	5365.40	-562.28	6.211e+05
263	310	6.346e+05	-478.90	-0.06	-552.50	0.0	3.224e+04	5547.73	6.68	6282.75	-1094.07	3.235e+05
		3.235e+05	-1094.07	2.03e-04	0.0	92.1	3.224e+04	4995.23	6.68	6282.75	-478.90	6.346e+05
263	322	5.787e+05	863.06	-0.06	-552.50	0.0	3.379e+04	5549.39	3.67	8313.97	525.08	2.674e+05
		2.674e+05	525.08	-5.57e-05	0.0	92.1	3.379e+04	4996.89	3.67	8313.97	863.06	5.787e+05
263	323	1.841e+06	-6102.27	-0.16	-552.50	0.0	6.955e+04	1.462e+04	-66.17	-3.870e+04	-6102.27	9.848e+05
		9.848e+05	-1.219e+04	7.46e-04	0.0	92.1	6.955e+04	1.406e+04	-66.17	-3.870e+04	-1.219e+04	1.841e+06
263	324	6.348e+05	29.94	-0.06	-552.50	0.0	3.225e+04	5549.46	7.90	6760.16	-697.19	3.233e+05
		3.233e+05	-697.19	1.02e-04	0.0	92.1	3.225e+04	4996.96	7.90	6760.16	29.94	6.348e+05
263	326	8.486e+05	-1446.32	-0.08	-552.50	0.0	2.165e+04	4583.17	21.70	6741.26	-3067.80	4.701e+05
		4.701e+05	-3067.80	3.95e-04	0.0	92.1	2.165e+04	4030.67	21.70	6741.26	-1446.32	8.486e+05
263	327	4.210e+05	1673.42	-0.04	-552.50	0.0	4.284e+04	6515.74	-5.91	6779.07	1673.42	1.766e+05
		1.766e+05	1506.20	-1.91e-04	0.0	92.1	4.284e+04	5963.24	-5.91	6779.07	1506.20	4.210e+05
263	346	7.066e+05	-3288.59	-0.07	-552.50	0.0	2.833e+04	5220.45	7.23	193.91	-4079.73	3.771e+05
		3.771e+05	-4079.73	9.84e-04	0.0	92.1	2.833e+04	4667.95	7.23	193.91	-3288.59	7.066e+05
263	347	5.631e+05	3348.47	-0.06	-552.50	0.0	3.617e+04	5878.47	8.56	1.333e+04	2685.35	2.696e+05
		2.696e+05	2685.35	-7.80e-04	0.0	92.1	3.617e+04	5325.97	8.56	1.333e+04	3348.47	5.631e+05
263	358	7.434e+05	-546.18	-0.07	-552.50	0.0	2.691e+04	5059.24	14.98	7214.66	-1707.05	3.974e+05
		3.974e+05	-1707.05	2.11e-04	0.0	92.1	2.691e+04	4506.74	14.98	7214.66	-546.18	7.434e+05
263	359	5.263e+05	606.06	-0.05	-552.50	0.0	3.758e+04	6039.67	0.81	6305.66	312.67	2.493e+05
		2.493e+05	312.67	-1.30e-05	0.0	92.1	3.758e+04	5487.17	0.81	6305.66	606.06	5.263e+05
263	362	7.440e+05	-535.44	-0.07	-552.50	0.0	2.697e+04	5060.60	15.06	7302.96	-1703.49	3.975e+05
		3.975e+05	-1703.49	2.11e-04	0.0	92.1	2.697e+04	4508.10	15.06	7302.96	-535.44	7.440e+05
263	363	5.257e+05	595.32	-0.05	-552.50	0.0	3.753e+04	6038.32	0.73	6217.36	309.11	2.492e+05
		2.492e+05	309.11	-1.30e-05	0.0	92.1	3.753e+04	5485.82	0.73	6217.36	595.32	5.257e+05
263	378	6.668e+05	-1066.85	-0.07	-552.50	0.0	3.038e+04	5390.88	8.13	4955.01	-1789.33	3.465e+05
		3.465e+05	-1789.33	4.15e-04	0.0	92.1	3.038e+04	4838.38	8.13	4955.01	-1066.85	6.668e+05
263	379	6.028e+05	1126.72	-0.06	-552.50	0.0	3.412e+04	5708.03	7.66	8565.32	394.95	3.002e+05
		3.002e+05	394.95	-2.11e-04	0.0	92.1	3.412e+04	5155.53	7.66	8565.32	1126.72	6.028e+05
264	78	6.102e+05	4375.14	-0.06	-552.50	0.0	3.900e+04	6224.32	-44.62	-2.446e+04	4375.14	2.639e+05
		2.639e+05	266.68	7.64e-04	0.0	92.1	3.900e+04	5671.82	-44.62	-2.446e+04	266.68	6.102e+05
264	105	3.059e+06	5720.41	-0.26	-745.88	0.0	1.158e+05	2.481e+04	-106.23	-1.185e+05	5720.41	1.619e+06
		1.619e+06	-4061.70	3.33e-03	0.0	92.1	1.158e+05	2.407e+04	-106.23	-1.185e+05	-4061.70	3.059e+06
264	106	2.807e+06	2497.05	-0.24	-552.50	0.0	1.029e+05	2.266e+04	-91.57	-1.195e+05	2497.05	1.487e+06
		1.487e+06	-5934.76	3.13e-03	0.0	92.1	1.029e+05	2.211e+04	-91.57	-1.195e+05	-5934.76	2.807e+06
264	181	8.580e+05	9610.00	-0.09	-745.88	0.0	4.594e+04	7692.23	66.96	-413.07	8720.40	4.325e+05
		4.325e+05	4265.62	6.76e-04	-230.67	92.1	4.594e+04	6946.36	-163.71	-413.07	4265.62	8.580e+05
264	206	6.285e+05	4587.81	-0.06	-552.50	0.0	3.202e+04	5504.42	-28.06	-1055.48	4587.81	3.237e+05
		3.237e+05	2004.25	3.87e-04	0.0	92.1	3.202e+04	4951.92	-28.06	-1055.48	2004.25	6.285e+05
264	243	5.609e+05	5561.54	-0.06	-552.50	0.0	3.554e+04	5645.74	-34.65	-2330.50	5561.54	2.478e+05
		2.478e+05	2370.64	5.28e-04	0.0	92.1	3.554e+04	5093.24	-34.65	-2330.50	2370.64	5.609e+05
264	259	2.109e+06	4109.55	-0.18	-552.50	0.0	7.778e+04	1.702e+04	-55.37	-4.939e+04	4109.55	1.121e+06
		1.121e+06	-988.74	2.01e-03	0.0	92.1	7.778e+04	1.647e+04	-55.37	-4.939e+04	-988.74	2.109e+06
264	268	6.337e+05	5347.15	-0.06	-552.50	0.0	3.341e+04	5632.80	-33.51	-1423.97	5347.15	3.232e+05
		3.232e+05	2261.44	5.66e-04	0.0	92.1	3.341e+04	5080.30	-33.51	-1423.97	2261.44	6.337e+05
264	270	1.521e+06	6042.45	-0.18	-552.50	0.0	6.529e+04	1.298e+04	-92.53	-8.126e+04	6042.45	7.841e+05
		7.841e+05	-2478.23	1.97e-03	0.0	92.1	6.529e+04	1.242e+04	-92.53	-8.126e+04	-2478.23	1.521e+06
264	302	5.937e+05	6919.25	-0.06	-552.50	0.0	3.491e+04	5671.82	40.70	-1172.50	6424.73	2.793e+05
		2.793e+05	3092.65	4.70e-04	-153.78	92.1	3.491e+04	5119.32	-113.08	-1172.50	3092.65	5.937e+05
264	309	6.496e+05	5666.23	-0.06	-552.50	0.0	3.317e+04	5652.04	-31.29	-94.59	5666.23	3.365e+05
		3.365e+05	2785.30	4.31e-04	0.0	92.1	3.317e+04	5099.54	-31.29	-94.59	2785.30	6.496e+05
264	311	1.260e+06	6169.12	-0.15	-552.50	0.0	5.429e+04	1.068e+04	-67.83	-4.675e+04	6169.12	6.546e+05
		6.546e+05	-76.91	1.34e-03	0.0	92.1	5.429e+04	1.013e+04	-67.83	-4.675e+04	-76.91	1.260e+06
264	319	5.930e+05	5818.83	-0.06	-552.50	0.0	3.468e+04	5644.41	-32.79	-1324.23	5818.83	2.794e+05
		2.794e+05	2799.18	4.35e-04	0.0	92.1	3.468e+04	5091.91	-32.79	-1324.23	2799.18	5.930e+05
264	322	6.001e+05	6729.82	-0.06	-552.50	0.0	3.413e+04	5625.68	-34.16	718.09	6729.82	2.893e+05
		2.893e+05	3584.20	2.50e-04	0.0	92.1	3.413e+04	5073.18	-34.16	718.09	3584.20	6.001e+05
264	323	1.754e+06	4729.83	-0.15	-552.50	0.0	6.636e+04	1.417e+04	-48.33	-3.662e+04	4729.83	9.345e+05
		9.345e+05	279.65	1.55e-03	0.0	92.1	6.636e+04	1.362e+04	-48.33	-3.662e+04	279.65	1.754e+06
264	324	6.496e+05	5666.23	-0.06	-552.50	0.0	3.317e+04	5652.04	-31.29	-94.59	5666.23	3.365e+05
		3.365e+05	2785.30	4.31e-04	0.0	92.1	3.317e+04	5099.54	-31.29	-94.59	2785.30	6.496e+05
264	326	8.750e+05	5720.27	-0.09	-552.50	0.0	2.185e+04	6725.17	-48.75	1540.51	5720.27	4.902e+05
		4.902e+05	-32.43	7.23e-04	0.0	92.1	2.185e+04	6172.67	-48.75	1540.51	-32.43	8.750e+05

264	327	4.243e+05	5612.20	-0.04	-552.50	0.0	4.448e+04	4578.91	-13.83	-1729.69	5612.20	1.829e+05
		1.829e+05	5603.03	1.38e-04	0.0	92.1	4.448e+04	4026.41	-13.83	-1729.69	5603.03	4.243e+05
264	341	6.936e+05	8341.40	-0.07	-552.50	0.0	3.277e+04	5760.38	-21.06	6761.55	8341.40	3.497e+05
		3.497e+05	5205.26	-3.82e-04	0.0	92.1	3.277e+04	5207.88	-21.06	6761.55	5205.26	6.936e+05
264	346	7.367e+05	3460.20	-0.07	-552.50	0.0	2.731e+04	6149.52	-49.43	-4970.00	3460.20	4.100e+05
		4.100e+05	-790.13	1.25e-03	0.0	92.1	2.731e+04	5597.02	-49.43	-4970.00	-790.13	7.367e+05
264	357	7.632e+05	6255.09	-0.08	-552.50	0.0	2.756e+04	6147.83	-36.43	2127.18	6255.09	4.123e+05
		4.123e+05	2078.52	3.70e-04	0.0	92.1	2.756e+04	5595.33	-36.43	2127.18	2078.52	7.632e+05
264	360	5.361e+05	5077.37	-0.05	-552.50	0.0	3.878e+04	5156.25	-26.14	-2316.36	5077.37	2.608e+05
		2.608e+05	3492.07	4.91e-04	0.0	92.1	3.878e+04	4603.75	-26.14	-2316.36	3492.07	5.361e+05
264	362	7.635e+05	5870.29	-0.08	-552.50	0.0	2.798e+04	6181.86	-39.45	1210.57	5870.29	4.091e+05
		4.091e+05	1512.00	5.46e-04	0.0	92.1	2.798e+04	5629.36	-39.45	1210.57	1512.00	7.635e+05
264	364	5.383e+05	5065.34	-0.05	-552.50	0.0	3.863e+04	5146.11	-26.07	-2272.43	5065.34	2.604e+05
		2.604e+05	3467.19	4.93e-04	0.0	92.1	3.863e+04	4593.61	-26.07	-2272.43	3467.19	5.383e+05
264	381	6.791e+05	6448.36	-0.07	-552.50	0.0	3.112e+04	5767.59	-28.37	1882.34	6448.36	3.647e+05
		3.647e+05	3477.69	1.41e-04	0.0	92.1	3.112e+04	5215.09	-28.37	1882.34	3477.69	6.791e+05
264	386	6.876e+05	5124.37	-0.07	-552.50	0.0	3.204e+04	5845.84	-38.21	-1053.18	5124.37	3.529e+05
		3.529e+05	1504.40	7.31e-04	0.0	92.1	3.204e+04	5293.34	-38.21	-1053.18	1504.40	6.876e+05
265	49	3.339e+06	-8015.04	0.36	-745.88	0.0	1.655e+05	-2.734e+04	-63.02	1.309e+05	-8015.04	3.339e+06
		1.723e+06	-1.382e+04	2.18e-04	0.0	92.1	1.655e+05	-2.809e+04	-63.02	1.309e+05	-1.382e+04	1.723e+06
265	57	1.942e+06	-8028.48	0.17	-745.88	0.0	1.082e+05	-9713.68	-63.64	4.062e+04	-8028.48	1.942e+06
		1.372e+06	-1.389e+04	2.16e-04	0.0	92.1	1.082e+05	-1.046e+04	-63.64	4.062e+04	-1.389e+04	1.372e+06
265	164	6.394e+05	-2569.93	0.06	-552.50	0.0	3.738e+04	-4925.71	-26.75	-825.12	-2569.93	6.394e+05
		3.348e+05	-5032.97	2.13e-04	0.0	92.1	3.738e+04	-5478.21	-26.75	-825.12	-5032.97	3.348e+05
265	178	6.215e+05	-2576.03	0.06	-552.50	0.0	3.786e+04	-4924.98	-27.43	-1352.47	-2576.03	6.215e+05
		3.168e+05	-5101.90	2.30e-04	0.0	92.1	3.786e+04	-5477.48	-27.43	-1352.47	-5101.90	3.168e+05
265	206	6.291e+05	-2003.22	0.06	-552.50	0.0	3.790e+04	-4956.17	-28.07	-1047.89	-2003.22	6.291e+05
		3.240e+05	-4588.30	3.88e-04	0.0	92.1	3.790e+04	-5508.67	-28.07	-1047.89	-4588.30	3.240e+05
265	231	2.076e+06	-3786.67	0.23	-552.50	0.0	9.899e+04	-1.696e+04	-50.43	6.369e+04	-3786.67	2.076e+06
		1.073e+06	-8430.05	2.27e-04	0.0	92.1	9.899e+04	-1.751e+04	-50.43	6.369e+04	-8430.05	1.073e+06
265	239	6.171e+05	-2959.36	0.06	-552.50	0.0	3.844e+04	-5149.99	-31.11	-1463.17	-2959.36	6.171e+05
		2.991e+05	-5824.24	2.97e-04	0.0	92.1	3.844e+04	-5702.49	-31.11	-1463.17	-5824.24	2.991e+05
265	243	5.617e+05	-2385.49	0.06	-552.50	0.0	4.184e+04	-5105.46	-31.27	-3912.30	-2385.49	5.617e+05
		2.438e+05	-5264.84	4.67e-04	0.0	92.1	4.184e+04	-5657.96	-31.27	-3912.30	-5264.84	2.438e+05
265	270	9.947e+05	-5707.77	0.10	-552.50	0.0	6.406e+04	-8380.77	-74.98	3.275e+04	-5707.77	9.947e+05
		4.863e+05	-8513.36	1.88e-04	92.27	92.1	6.406e+04	-8933.27	17.28	3.275e+04	-8364.27	4.863e+05
265	316	1.715e+06	-3213.13	0.19	-552.50	0.0	8.421e+04	-1.400e+04	-46.69	4.732e+04	-3213.13	1.715e+06
		8.849e+05	-7512.22	3.67e-04	0.0	92.1	8.421e+04	-1.455e+04	-46.69	4.732e+04	-7512.22	8.849e+05
265	317	9.390e+05	-3220.59	0.08	-552.50	0.0	5.242e+04	-4206.27	-47.03	-2842.77	-3220.59	9.390e+05
		6.895e+05	-7551.31	3.64e-04	0.0	92.1	5.242e+04	-4758.77	-47.03	-2842.77	-7551.31	6.895e+05
265	318	6.205e+05	-2592.64	0.06	-552.50	0.0	3.880e+04	-5143.82	-32.20	-1545.76	-2592.64	6.205e+05
		3.044e+05	-5557.86	4.51e-04	0.0	92.1	3.880e+04	-5696.32	-32.20	-1545.76	-5557.86	3.044e+05
265	319	5.790e+05	-2162.24	0.06	-552.50	0.0	4.135e+04	-5110.42	-32.32	-3382.61	-2162.24	5.790e+05
		2.629e+05	-5138.31	5.81e-04	0.0	92.1	4.135e+04	-5662.92	-32.32	-3382.61	-5138.31	2.629e+05
265	324	6.502e+05	-2784.20	0.06	-552.50	0.0	3.921e+04	-5103.90	-31.30	-85.75	-2784.20	6.502e+05
		3.369e+05	-5666.75	4.31e-04	0.0	92.1	3.921e+04	-5656.40	-31.30	-85.75	-5666.75	3.369e+05
265	337	5.488e+05	-3478.31	0.05	-552.50	0.0	4.583e+04	-4605.08	-27.68	-2624.13	-3478.31	5.488e+05
		2.617e+05	-5093.48	8.92e-04	0.0	92.1	4.583e+04	-5157.58	-27.68	-2624.13	-5093.48	2.617e+05
265	339	7.712e+05	-1422.89	0.07	-552.50	0.0	3.438e+04	-5717.20	-42.11	572.43	-1422.89	7.712e+05
		4.018e+05	-5902.10	1.04e-03	0.0	92.1	3.438e+04	-6269.70	-42.11	572.43	-5902.10	4.018e+05
265	340	7.517e+05	-2090.08	0.08	-552.50	0.0	3.259e+04	-5602.71	-34.93	2452.64	-2090.08	7.517e+05
		4.121e+05	-6240.03	6.62e-05	0.0	92.1	3.259e+04	-6155.21	-34.93	2452.64	-6240.03	4.121e+05
265	343	6.986e+05	-822.26	0.07	-552.50	0.0	3.887e+04	-5318.79	-47.54	-2963.95	-822.26	6.986e+05
		3.737e+05	-4824.74	1.59e-03	0.0	92.1	3.887e+04	-5871.29	-47.54	-2963.95	-4824.74	3.737e+05
265	344	6.685e+05	-4105.96	0.07	-552.50	0.0	3.617e+04	-5219.21	-19.51	3741.59	-4105.96	6.685e+05
		3.421e+05	-6757.58	-7.08e-04	0.0	92.1	3.617e+04	-5771.71	-19.51	3741.59	-6757.58	3.421e+05
265	366	5.886e+05	-3629.96	0.06	-552.50	0.0	4.200e+04	-4814.55	-26.03	-513.76	-3629.96	5.886e+05
		2.967e+05	-5701.34	2.63e-04	0.0	92.1	4.200e+04	-5367.05	-26.03	-513.76	-5701.34	2.967e+05
265	369	5.979e+05	-3141.14	0.06	-552.50	0.0	4.256e+04	-4849.37	-29.43	-1380.81	-3141.14	5.979e+05
		2.983e+05	-5376.60	6.59e-04	0.0	92.1	4.256e+04	-5401.87	-29.43	-1380.81	-5376.60	2.983e+05
265	371	7.123e+05	-2095.65	0.07	-552.50	0.0	3.676e+04	-5415.30	-36.73	263.67	-2095.65	7.123e+05
		3.704e+05	-5790.78	7.33e-04	0.0	92.1	3.676e+04	-5967.80	-36.73	263.67	-5790.78	3.704e+05
265	372	7.025e+05	-2427.26	0.07	-552.50	0.0	3.587e+04	-5358.42	-33.17	1209.32	-2427.26	7.025e+05
		3.755e+05	-5956.91	2.19e-04	0.0	92.1	3.587e+04	-5910.92	-33.17	1209.32	-5956.91	3.755e+05
265	375	6.821e+05	-1544.87	0.07	-552.50	0.0	3.873e+04	-5209.19	-37.83	-1155.71	-1544.87	6.821e+05
		3.613e+05	-4924.82	9.10e-04	0.0	92.1	3.873e+04	-5761.69	-37.83	-1155.71	-4924.82	3.613e+05
265	376	6.526e+05	-3698.32	0.07	-552.50	0.0	3.798e+04	-5166.70	-27.02	1472.51	-3698.32	6.526e+05
		3.340e+05	-6535.96	8.19e-05	0.0	92.1	3.798e+04	-5719.20	-27.02	1472.51	-6535.96	3.340e+05
266	49	3.047e+06	-3463.09	0.33	-745.88	0.0	1.502e+05	-2.428e+04	112.93	1.512e+05	-1.386e+04	3.047e+06
		1.602e+06	-1.386e+04	-1.45e-03	0.0	92.1	1.502e+05	-2.502e+04	112.93	1.512e+05	-3463.09	1.602e+06
266	57	1.775e+06	7977.09	0.15	-745.88	0.0	9.867e+04	-8985.23	190.52	1.109e+05	-9566.33	1.775e+06
		1.238e+06	-9566.33	-6.38e-04	0.0	92.1	9.867e+04	-9731.11	190.52	1.109e+05	7977.09	1.238e+06
266	140	6.139e+05	258.28	0.06	-552.50	0.0	3.749e+04	-4857.46	10.85	7723.78	-741.00	6.139e+05
		3.104e+05	-741.00	-2.09e-04	0.0	92.1	3.749e+04	-5409.96	10.85	7723.78	258.28	3.104e+05
266	164	6.298e+05	324.80	0.06	-552.50	0.0	3.691e+04	-4828.91	9.12	5733.62	-514.69	6.298e+05
		3.283e+05	-514.69	-1.06e-04	0.0	92.1	3.691e+04	-5381.41	9.12	5733.62	324.80	3.283e+05
266	231	1.933e+06	-1894.85	0.21	-552.50	0.0	9.186e+04	-1.550e+04	62.25	7.223e+04	-7626.78	1.933e+06

		1.007e+06	-7626.78	-7.76e-04	0.0	92.1	9.186e+04	-1.605e+04	62.25	7.223e+04	-1894.85	1.007e+06
266	235	9.908e+05	6579.36	0.08	-552.50	0.0	5.371e+04	-4172.93	119.72	4.239e+04	-4445.03	9.908e+05
		7.370e+05	-4445.03	-1.78e-04	0.0	92.1	5.371e+04	-4725.43	119.72	4.239e+04	6579.36	7.370e+05
266	239	6.054e+05	431.48	0.06	-552.50	0.0	3.751e+04	-5092.48	8.49	6545.66	-350.48	6.054e+05
		2.877e+05	-350.48	-4.70e-05	0.0	92.1	3.751e+04	-5644.98	8.49	6545.66	431.48	2.877e+05
266	281	5.554e+05	74.28	0.06	-552.50	0.0	4.066e+04	-5030.52	6.32	6157.92	-507.35	5.554e+05
		2.413e+05	-507.35	8.05e-05	0.0	92.1	4.066e+04	-5583.02	6.32	6157.92	74.28	2.413e+05
266	313	5.708e+05	476.77	0.06	-552.50	0.0	4.018e+04	-5016.71	4.65	5172.48	48.56	5.708e+05
		2.580e+05	48.56	2.45e-04	0.0	92.1	4.018e+04	-5569.21	4.65	5172.48	476.77	2.580e+05
266	316	1.604e+06	-989.66	0.18	-552.50	0.0	7.859e+04	-1.287e+04	47.40	5.541e+04	-5354.09	1.604e+06
		8.321e+05	-5354.09	-4.29e-04	0.0	92.1	7.859e+04	-1.343e+04	47.40	5.541e+04	-989.66	8.321e+05
266	317	8.975e+05	5366.00	0.08	-552.50	0.0	4.997e+04	-4379.86	90.50	3.303e+04	-2967.79	8.975e+05
		6.295e+05	-2967.79	2.11e-05	0.0	92.1	4.997e+04	-4932.36	90.50	3.303e+04	5366.00	6.295e+05
266	318	6.084e+05	755.09	0.06	-552.50	0.0	3.783e+04	-5069.52	7.08	6143.20	103.13	6.084e+05
		2.925e+05	103.13	1.18e-04	0.0	92.1	3.783e+04	-5622.02	7.08	6143.20	755.09	2.925e+05
266	324	6.354e+05	697.32	0.06	-552.50	0.0	3.827e+04	-5001.60	7.90	6764.93	-192.32	6.354e+05
		3.237e+05	-30.32	1.02e-04	0.0	92.1	3.827e+04	-5554.10	7.90	6764.93	697.32	3.237e+05
266	330	5.257e+05	-416.18	0.05	-552.50	0.0	4.414e+04	-5531.31	2.56	6880.44	-878.27	5.257e+05
		2.522e+05	-878.27	-4.93e-04	0.0	92.1	4.414e+04	-6083.81	2.56	6880.44	-416.18	2.522e+05
266	338	5.257e+05	-401.47	0.05	-552.50	0.0	4.416e+04	-5531.94	1.86	6911.50	-906.90	5.257e+05
		2.522e+05	-906.90	-4.91e-04	0.0	92.1	4.416e+04	-6084.44	1.86	6911.50	-401.47	2.522e+05
266	339	7.452e+05	1796.11	0.07	-552.50	0.0	3.238e+04	-4471.26	13.95	6618.37	846.27	7.452e+05
		3.951e+05	846.27	6.95e-04	0.0	92.1	3.238e+04	-5023.76	13.95	6618.37	1796.11	3.951e+05
266	351	6.757e+05	2531.37	0.06	-552.50	0.0	3.578e+04	-4815.65	5.60	3863.44	1968.32	6.757e+05
		3.515e+05	1968.32	1.93e-03	0.0	92.1	3.578e+04	-5368.15	5.60	3863.44	2531.37	3.515e+05
266	354	5.952e+05	-1132.31	0.06	-552.50	0.0	4.077e+04	-5187.74	9.99	9675.74	-2037.54	5.952e+05
		2.959e+05	-2037.54	-1.72e-03	0.0	92.1	4.077e+04	-5740.24	9.99	9675.74	-1132.31	2.959e+05
266	358	5.790e+05	192.38	0.06	-552.50	0.0	4.115e+04	-5269.18	5.16	6745.04	-403.56	5.790e+05
		2.868e+05	-403.56	-7.23e-05	0.0	92.1	4.115e+04	-5821.68	5.16	6745.04	192.38	2.868e+05
266	367	6.919e+05	1194.88	0.07	-552.50	0.0	3.538e+04	-4733.71	10.99	6770.48	356.74	6.919e+05
		3.606e+05	356.74	2.75e-04	0.0	92.1	3.538e+04	-5286.21	10.99	6770.48	1194.88	3.606e+05
266	370	5.791e+05	147.35	0.06	-552.50	0.0	4.125e+04	-5271.25	4.87	6831.44	-470.14	5.791e+05
		2.870e+05	-470.14	-1.93e-04	0.0	92.1	4.125e+04	-5823.75	4.87	6831.44	147.35	2.870e+05
266	371	6.918e+05	1247.30	0.07	-552.50	0.0	3.529e+04	-4731.95	10.94	6698.43	409.51	6.918e+05
		3.604e+05	409.51	3.97e-04	0.0	92.1	3.529e+04	-5284.45	10.94	6698.43	1247.30	3.604e+05
266	383	6.560e+05	1609.74	0.06	-552.50	0.0	3.701e+04	-4907.40	6.78	5306.35	964.48	6.560e+05
		3.379e+05	964.48	1.01e-03	0.0	92.1	3.701e+04	-5459.90	6.78	5306.35	1609.74	3.379e+05
266	386	6.149e+05	-212.88	0.06	-552.50	0.0	3.953e+04	-5095.89	8.92	8227.82	-1029.25	6.149e+05
		3.095e+05	-1029.25	-8.05e-04	0.0	92.1	3.953e+04	-5648.39	8.92	8227.82	-212.88	3.095e+05
267	49	2.802e+06	-8320.95	0.30	-745.88	0.0	1.368e+05	-2.224e+04	8.47	1.209e+05	-9100.96	2.802e+06
		1.470e+06	-9100.96	-2.34e-03	0.0	92.1	1.368e+05	-2.299e+04	8.47	1.209e+05	-8320.95	1.470e+06
267	57	1.615e+06	-5035.30	0.14	-745.88	0.0	8.923e+04	-8663.08	-150.90	1.617e+04	-5035.30	1.615e+06
		1.093e+06	-1.893e+04	-9.97e-04	0.0	92.1	8.923e+04	-9408.95	-150.90	1.617e+04	-1.893e+04	1.093e+06
267	126	6.296e+05	-1015.04	0.06	-552.50	0.0	3.692e+04	-4825.63	-4.51	-3920.90	-1015.04	6.296e+05
		3.292e+05	-1430.43	-4.14e-04	0.0	92.1	3.692e+04	-5378.13	-4.51	-3920.90	-1430.43	3.292e+05
267	192	6.694e+05	-2354.81	0.07	-552.50	0.0	4.714e+04	-5916.26	-1.45	1.078e+04	-2354.81	6.694e+05
		3.032e+05	-2488.43	-1.69e-04	0.0	92.1	4.714e+04	-6468.76	-1.45	1.078e+04	-2488.43	3.032e+05
267	205	8.603e+05	66.17	0.09	-745.88	0.0	5.181e+04	-6776.18	-10.75	-9298.23	66.17	8.603e+05
		4.379e+05	-923.78	-1.40e-04	0.0	92.1	5.181e+04	-7522.05	-10.75	-9298.23	-923.78	4.379e+05
267	231	1.837e+06	-2898.16	0.20	-552.50	0.0	8.701e+04	-1.451e+04	-4.07	5.314e+04	-2898.16	1.837e+06
		9.674e+05	-3273.04	-1.41e-03	0.0	92.1	8.701e+04	-1.506e+04	-4.07	5.314e+04	-3273.04	9.674e+05
267	235	9.586e+05	113.44	0.08	-552.50	0.0	5.180e+04	-4450.57	-122.12	-2.441e+04	113.44	9.586e+05
		6.882e+05	-1.113e+04	-4.13e-04	0.0	92.1	5.180e+04	-5003.07	-122.12	-2.441e+04	-1.113e+04	6.882e+05
267	239	6.093e+05	-100.03	0.06	-552.50	0.0	3.756e+04	-5057.61	-3.53	-7234.04	-100.03	6.093e+05
		2.945e+05	-425.21	-2.46e-04	0.0	92.1	3.756e+04	-5610.11	-3.53	-7234.04	-425.21	2.945e+05
267	243	5.691e+05	593.78	0.06	-552.50	0.0	4.007e+04	-4998.45	-1.49	-8374.84	593.78	5.691e+05
		2.581e+05	456.39	-3.16e-05	0.0	92.1	4.007e+04	-5550.95	-1.49	-8374.84	456.39	2.581e+05
267	300	5.562e+05	-1.58	0.06	-552.50	0.0	4.047e+04	-5012.16	-6.65	-8924.53	-1.58	5.562e+05
		2.430e+05	-613.53	8.87e-06	0.0	92.1	4.047e+04	-5564.66	-6.65	-8924.53	-613.53	2.430e+05
267	313	5.715e+05	331.22	0.06	-552.50	0.0	4.004e+04	-5004.57	-7.19	-8149.79	331.22	5.715e+05
		2.588e+05	-330.85	7.81e-05	0.0	92.1	4.004e+04	-5557.07	-7.19	-8149.79	-330.85	2.588e+05
267	316	1.532e+06	-1778.13	0.17	-552.50	0.0	7.494e+04	-1.213e+04	-6.06	3.772e+04	-1778.13	1.532e+06
		8.017e+05	-2335.89	-9.49e-04	0.0	92.1	7.494e+04	-1.269e+04	-6.06	3.772e+04	-2335.89	8.017e+05
267	317	8.735e+05	480.57	0.08	-552.50	0.0	4.854e+04	-4589.72	-94.60	-2.044e+04	480.57	8.735e+05
		5.924e+05	-8230.20	-2.04e-04	0.0	92.1	4.854e+04	-5142.22	-94.60	-2.044e+04	-8230.20	5.924e+05
267	318	6.115e+05	320.47	0.06	-552.50	0.0	3.785e+04	-5045.00	-5.65	-7561.84	320.47	6.115e+05
		2.971e+05	-200.02	-7.93e-05	0.0	92.1	3.785e+04	-5597.50	-5.65	-7561.84	-200.02	2.971e+05
267	319	5.813e+05	840.83	0.06	-552.50	0.0	3.974e+04	-5000.64	-4.12	-8417.43	840.83	5.813e+05
		2.698e+05	461.19	8.21e-05	0.0	92.1	3.974e+04	-5553.14	-4.12	-8417.43	461.19	2.698e+05
267	324	6.354e+05	30.31	0.06	-552.50	0.0	3.827e+04	-5001.60	-7.90	-6764.93	30.31	6.354e+05
		3.237e+05	-697.32	-1.02e-04	0.0	92.1	3.827e+04	-5554.10	-7.90	-6764.93	-697.32	3.237e+05
267	329	5.257e+05	906.90	0.05	-552.50	0.0	4.416e+04	-5531.94	-1.86	-6911.49	906.90	5.257e+05
		2.522e+05	401.46	4.91e-04	0.0	92.1	4.416e+04	-6084.44	-1.86	-6911.49	401.46	2.522e+05
267	332	7.452e+05	-846.27	0.07	-552.50	0.0	3.238e+04	-4471.26	-13.95	-6618.37	-846.27	7.452e+05
		3.951e+05	-1796.11	-6.95e-04	0.0	92.1	3.238e+04	-5023.76	-13.95	-6618.37	-1796.11	3.951e+05
267	337	5.257e+05	878.27	0.05	-552.50	0.0	4.414e+04	-5531.31	-2.56	-6880.43	878.27	5.257e+05
		2.522e+05	416.18	4.93e-04	0.0	92.1	4.414e+04	-6083.81	-2.56	-6880.43	416.18	2.522e+05

267	349	5.952e+05	2037.54	0.06	-552.50	0.0	4.077e+04	-5187.73	-9.99	-9675.74	2037.54	5.952e+05
		2.959e+05	1132.31	1.72e-03	0.0	92.1	4.077e+04	-5740.23	-9.99	-9675.74	1132.31	2.959e+05
267	356	6.757e+05	-1968.33	0.06	-552.50	0.0	3.578e+04	-4815.65	-5.60	-3863.44	-1968.33	6.757e+05
		3.515e+05	-2531.38	-1.93e-03	0.0	92.1	3.578e+04	-5368.15	-5.60	-3863.44	-2531.38	3.515e+05
267	360	6.919e+05	-356.74	0.07	-552.50	0.0	3.538e+04	-4733.71	-10.99	-6770.47	-356.74	6.919e+05
		3.606e+05	-1194.88	-2.75e-04	0.0	92.1	3.538e+04	-5286.21	-10.99	-6770.47	-1194.88	3.606e+05
267	361	5.791e+05	470.14	0.06	-552.50	0.0	4.125e+04	-5271.25	-4.87	-6831.44	470.14	5.791e+05
		2.870e+05	-147.35	1.93e-04	0.0	92.1	4.125e+04	-5823.75	-4.87	-6831.44	-147.35	2.870e+05
267	364	6.918e+05	-409.52	0.07	-552.50	0.0	3.529e+04	-4731.95	-10.94	-6698.42	-409.52	6.918e+05
		3.604e+05	-1247.30	-3.97e-04	0.0	92.1	3.529e+04	-5284.45	-10.94	-6698.42	-1247.30	3.604e+05
267	365	5.790e+05	403.55	0.06	-552.50	0.0	4.115e+04	-5269.18	-5.16	-6745.04	403.55	5.790e+05
		2.868e+05	-192.38	7.23e-05	0.0	92.1	4.115e+04	-5821.68	-5.16	-6745.04	-192.38	2.868e+05
267	381	6.149e+05	1029.25	0.06	-552.50	0.0	3.953e+04	-5095.89	-8.92	-8227.82	1029.25	6.149e+05
		3.095e+05	212.88	8.05e-04	0.0	92.1	3.953e+04	-5648.39	-8.92	-8227.82	212.88	3.095e+05
267	388	6.560e+05	-964.48	0.06	-552.50	0.0	3.701e+04	-4907.40	-6.78	-5306.35	-964.48	6.560e+05
		3.379e+05	-1609.74	-1.01e-03	0.0	92.1	3.701e+04	-5459.90	-6.78	-5306.35	-1609.74	3.379e+05
268	49	2.602e+06	7014.16	0.28	-745.88	0.0	1.259e+05	-2.070e+04	154.16	1.275e+05	7014.16	2.602e+06
		1.383e+06	-7181.05	-3.61e-03	0.0	92.1	1.259e+05	-2.145e+04	154.16	1.275e+05	-7181.05	1.383e+06
268	50	2.350e+06	3790.57	0.25	-552.50	0.0	1.107e+05	-1.875e+04	139.49	1.286e+05	3790.57	2.350e+06
		1.251e+06	-9053.65	-3.41e-03	0.0	92.1	1.107e+05	-1.930e+04	139.49	1.286e+05	-9053.65	1.251e+06
268	126	6.380e+05	4057.91	0.06	-552.50	0.0	3.758e+04	-4950.12	30.46	2190.80	4057.91	6.380e+05
		3.362e+05	1252.99	-7.05e-04	0.0	92.1	3.758e+04	-5502.62	30.46	2190.80	1252.99	3.362e+05
268	154	6.305e+05	4479.66	0.06	-552.50	0.0	4.463e+04	-5623.21	44.62	2.332e+04	4479.66	6.305e+05
		2.873e+05	371.19	-7.06e-04	0.0	92.1	4.463e+04	-6175.71	44.62	2.332e+04	371.19	2.873e+05
268	191	8.918e+05	9618.39	0.09	-745.88	0.0	6.033e+04	-7647.35	176.50	2.042e+04	9618.39	8.918e+05
		4.238e+05	3402.60	-7.26e-04	-230.67	92.1	6.033e+04	-8393.23	-54.17	2.042e+04	3402.60	4.238e+05
268	231	1.769e+06	5095.22	0.19	-552.50	0.0	8.378e+04	-1.398e+04	91.01	5.599e+04	5095.22	1.769e+06
		9.446e+05	-3285.46	-2.26e-03	0.0	92.1	8.378e+04	-1.453e+04	91.01	5.599e+04	-3285.46	9.446e+05
268	239	6.379e+05	5740.09	0.06	-552.50	0.0	3.854e+04	-5132.40	33.92	12.43	5740.09	6.379e+05
		3.146e+05	2616.57	-5.64e-04	0.0	92.1	3.854e+04	-5684.90	33.92	12.43	2616.57	3.146e+05
268	281	5.681e+05	5718.62	0.06	-552.50	0.0	4.104e+04	-5062.34	34.19	695.92	5718.62	5.681e+05
		2.562e+05	2570.22	-3.95e-04	0.0	92.1	4.104e+04	-5614.84	34.19	695.92	2570.22	2.562e+05
268	302	5.948e+05	7017.00	0.06	-552.50	0.0	4.080e+04	-5107.93	112.40	-167.96	7017.00	5.948e+05
		2.802e+05	3237.21	-3.77e-04	-153.78	92.1	4.080e+04	-5660.43	-41.38	-167.96	3237.21	2.802e+05
268	313	5.856e+05	5964.54	0.06	-552.50	0.0	4.071e+04	-5076.03	32.24	-55.58	5964.54	5.856e+05
		2.718e+05	2995.75	-2.57e-04	0.0	92.1	4.071e+04	-5628.53	32.24	-55.58	2995.75	2.718e+05
268	316	1.485e+06	5496.46	0.16	-552.50	0.0	7.271e+04	-1.175e+04	75.28	4.176e+04	5496.46	1.485e+06
		7.878e+05	-1435.41	-1.67e-03	0.0	92.1	7.271e+04	-1.230e+04	75.28	4.176e+04	-1435.41	7.878e+05
268	318	6.293e+05	5980.11	0.06	-552.50	0.0	3.877e+04	-5118.48	32.46	-222.10	5980.11	6.293e+05
		3.153e+05	2991.10	-4.04e-04	0.0	92.1	3.877e+04	-5670.98	32.46	-222.10	2991.10	3.153e+05
268	319	6.023e+05	6667.09	0.06	-552.50	0.0	4.013e+04	-5076.93	33.82	-838.09	6667.09	6.023e+05
		2.911e+05	3553.07	-2.47e-04	0.0	92.1	4.013e+04	-5629.43	33.82	-838.09	3553.07	2.911e+05
268	324	6.502e+05	5666.75	0.06	-552.50	0.0	3.921e+04	-5103.90	31.30	85.75	5666.75	6.502e+05
		3.369e+05	2784.20	-4.31e-04	0.0	92.1	3.921e+04	-5656.40	31.30	85.75	2784.20	3.369e+05
268	330	5.488e+05	5093.47	0.05	-552.50	0.0	4.583e+04	-4605.08	27.68	2624.14	5093.47	5.488e+05
		2.617e+05	3478.31	-8.92e-04	0.0	92.1	4.583e+04	-5157.58	27.68	2624.14	3478.31	2.617e+05
268	331	7.517e+05	6240.03	0.08	-552.50	0.0	3.259e+04	-5602.71	34.93	-2452.64	6240.03	7.517e+05
		4.121e+05	2090.08	-6.62e-05	0.0	92.1	3.259e+04	-6155.21	34.93	-2452.64	2090.08	4.121e+05
268	332	7.712e+05	5902.10	0.07	-552.50	0.0	3.438e+04	-5717.20	42.11	-572.42	5902.10	7.712e+05
		4.018e+05	1422.89	-1.04e-03	0.0	92.1	3.438e+04	-6269.70	42.11	-572.42	1422.89	4.018e+05
268	347	6.685e+05	6820.11	0.07	-552.50	0.0	3.588e+04	-5209.73	21.38	-3454.46	6820.11	6.685e+05
		3.415e+05	3855.69	7.20e-04	0.0	92.1	3.588e+04	-5762.23	21.38	-3454.46	3855.69	3.415e+05
268	348	6.986e+05	4762.21	0.07	-552.50	0.0	3.916e+04	-5328.27	45.66	2676.83	4762.21	6.986e+05
		3.742e+05	1072.53	-1.61e-03	0.0	92.1	3.916e+04	-5880.77	45.66	2676.83	1072.53	3.742e+05
268	357	5.886e+05	5701.33	0.06	-552.50	0.0	4.200e+04	-4814.55	26.03	513.76	5701.33	5.886e+05
		2.967e+05	3629.96	-2.63e-04	0.0	92.1	4.200e+04	-5367.05	26.03	513.76	3629.96	2.967e+05
268	362	5.979e+05	5376.59	0.06	-552.50	0.0	4.256e+04	-4849.37	29.43	1380.82	5376.59	5.979e+05
		2.983e+05	3141.14	-6.59e-04	0.0	92.1	4.256e+04	-5401.87	29.43	1380.82	3141.14	2.983e+05
268	363	7.025e+05	5956.91	0.07	-552.50	0.0	3.587e+04	-5358.42	33.17	-1209.31	5956.91	7.025e+05
		3.755e+05	2427.26	-2.19e-04	0.0	92.1	3.587e+04	-5910.92	33.17	-1209.31	2427.26	3.755e+05
268	364	7.123e+05	5790.77	0.07	-552.50	0.0	3.676e+04	-5415.30	36.73	-263.67	5790.77	7.123e+05
		3.704e+05	2095.65	-7.33e-04	0.0	92.1	3.676e+04	-5967.80	36.73	-263.67	2095.65	3.704e+05
268	379	6.526e+05	6535.96	0.07	-552.50	0.0	3.798e+04	-5166.70	27.02	-1472.50	6535.96	6.526e+05
		3.340e+05	3698.32	-8.19e-05	0.0	92.1	3.798e+04	-5719.20	27.02	-1472.50	3698.32	3.340e+05
268	380	6.821e+05	4924.82	0.07	-552.50	0.0	3.873e+04	-5209.19	37.83	1155.71	4924.82	6.821e+05
		3.613e+05	1544.88	-9.10e-04	0.0	92.1	3.873e+04	-5761.69	37.83	1155.71	1544.88	3.613e+05
269	48	6.344e+05	4502.13	0.06	-552.50	0.0	4.479e+04	-5653.65	43.00	2.185e+04	4502.13	6.344e+05
		2.883e+05	542.29	-6.00e-04	0.0	92.1	4.479e+04	-6206.15	43.00	2.185e+04	542.29	2.883e+05
269	73	2.598e+06	7016.68	0.28	-745.87	0.0	1.260e+05	-2.070e+04	154.19	1.276e+05	7016.68	2.598e+06
		1.380e+06	-7181.54	-3.60e-03	0.0	92.1	1.260e+05	-2.145e+04	154.19	1.276e+05	-7181.54	1.380e+06
269	74	2.346e+06	3793.10	0.25	-552.50	0.0	1.108e+05	-1.875e+04	139.52	1.287e+05	3793.10	2.346e+06
		1.247e+06	-9054.13	-3.40e-03	0.0	92.1	1.108e+05	-1.930e+04	139.52	1.287e+05	-9054.13	1.247e+06
269	124	6.247e+05	4112.92	0.06	-552.50	0.0	3.778e+04	-4932.58	31.24	2683.60	4112.92	6.247e+05
		3.239e+05	1236.47	-7.28e-04	0.0	92.1	3.778e+04	-5485.08	31.24	2683.60	1236.47	3.239e+05
269	181	8.764e+05	9594.69	0.09	-745.87	0.0	5.374e+04	-6956.42	163.48	83.35	9594.69	8.764e+05
		4.509e+05	4265.23	-7.51e-04	-230.67	92.1	5.374e+04	-7702.30	-67.19	83.35	4265.23	4.509e+05
269	231	5.725e+05	5728.02	0.06	-552.50	0.0	4.101e+04	-5073.25	33.35	-127.36	5728.02	5.725e+05

		2.596e+05	2657.34	-3.52e-04	0.0	92.1	4.101e+04	-5625.75	33.35	-127.36	5728.02	2.596e+05
269	243	1.767e+06	5097.75	0.19	-552.50	0.0	8.383e+04	-1.398e+04	90.98	5.598e+04	-3280.13	1.767e+06
		9.427e+05	-3280.13	-2.25e-03	0.0	92.1	8.383e+04	-1.453e+04	90.98	5.598e+04	5097.75	9.427e+05
269	268	6.473e+05	5351.24	0.06	-552.50	0.0	3.914e+04	-5088.14	33.41	1174.66	2274.92	6.473e+05
		3.368e+05	2274.92	-6.58e-04	0.0	92.1	3.914e+04	-5640.64	33.41	1174.66	5351.24	3.368e+05
269	302	5.974e+05	6929.98	0.06	-552.50	0.0	4.090e+04	-5126.36	113.34	1268.52	3085.34	5.974e+05
		2.829e+05	3085.34	-5.16e-04	-153.78	92.1	4.090e+04	-5678.86	-40.44	1268.52	6441.47	2.829e+05
269	309	6.502e+05	5666.74	0.06	-552.50	0.0	3.921e+04	-5103.90	31.30	85.75	2784.17	6.502e+05
		3.369e+05	2784.17	-4.31e-04	0.0	92.1	3.921e+04	-5656.40	31.30	85.75	5666.74	3.369e+05
269	316	5.922e+05	5949.84	0.06	-552.50	0.0	4.052e+04	-5075.65	31.95	-338.58	3008.07	5.922e+05
		2.784e+05	3008.07	-2.61e-04	0.0	92.1	4.052e+04	-5628.15	31.95	-338.58	5949.84	2.784e+05
269	319	1.488e+06	5477.14	0.16	-552.50	0.0	7.264e+04	-1.175e+04	75.17	4.174e+04	-1445.04	1.488e+06
		7.908e+05	-1445.04	-1.68e-03	0.0	92.1	7.264e+04	-1.231e+04	75.17	4.174e+04	5477.14	7.908e+05
269	321	6.079e+05	6688.48	0.06	-552.50	0.0	3.997e+04	-5076.81	33.73	-1033.11	3582.22	6.079e+05
		2.969e+05	3582.22	-2.42e-04	0.0	92.1	3.997e+04	-5629.31	33.73	-1033.11	6688.48	2.969e+05
269	324	6.502e+05	5666.74	0.06	-552.50	0.0	3.921e+04	-5103.90	31.30	85.75	2784.17	6.502e+05
		3.369e+05	2784.17	-4.31e-04	0.0	92.1	3.921e+04	-5656.40	31.30	85.75	5666.74	3.369e+05
269	326	6.865e+05	6417.19	0.06	-552.50	0.0	3.792e+04	-5180.93	36.26	-2446.98	1960.86	6.865e+05
		3.729e+05	1960.86	-5.93e-04	0.0	92.1	3.792e+04	-5733.43	36.26	-2446.98	6417.19	3.729e+05
269	342	6.827e+05	7664.07	0.07	-552.50	0.0	3.693e+04	-5279.62	45.71	-6573.69	572.61	6.827e+05
		3.758e+05	572.61	-1.10e-03	0.0	92.1	3.693e+04	-5832.12	45.71	-6573.69	7664.07	3.758e+05
269	343	6.177e+05	4995.73	0.06	-552.50	0.0	4.150e+04	-4928.18	16.89	6745.18	4995.73	6.177e+05
		2.980e+05	3669.42	2.34e-04	0.0	92.1	4.150e+04	-5480.68	16.89	6745.18	3669.42	2.980e+05
269	358	6.685e+05	5588.97	0.06	-552.50	0.0	3.902e+04	-5124.53	33.27	231.03	2508.53	6.685e+05
		3.537e+05	2508.53	-5.31e-04	0.0	92.1	3.902e+04	-5677.03	33.27	231.03	5588.97	3.537e+05
269	359	6.319e+05	5744.51	0.06	-552.50	0.0	3.940e+04	-5083.27	29.33	-59.54	3059.81	6.319e+05
		3.200e+05	3059.81	-3.33e-04	0.0	92.1	3.940e+04	-5635.77	29.33	-59.54	5744.51	3.200e+05
269	373	6.422e+05	6224.81	0.07	-552.50	0.0	3.864e+04	-5083.57	26.00	-1465.67	3387.40	6.422e+05
		3.294e+05	3387.40	-1.07e-04	0.0	92.1	3.864e+04	-5636.07	26.00	-1465.67	6224.81	3.294e+05
269	374	6.670e+05	5158.03	0.06	-552.50	0.0	3.959e+04	-5132.22	36.82	1460.95	2128.83	6.670e+05
		3.524e+05	2128.83	-8.26e-04	0.0	92.1	3.959e+04	-5684.72	36.82	1460.95	5158.03	3.524e+05
269	376	6.583e+05	5108.68	0.06	-552.50	0.0	3.979e+04	-5124.22	36.61	1637.17	2180.94	6.583e+05
		3.444e+05	2180.94	-8.38e-04	0.0	92.1	3.979e+04	-5676.72	36.61	1637.17	5108.68	3.444e+05
270	54	6.684e+05	-2420.82	0.07	-552.50	0.0	4.712e+04	-5893.85	1.01	1.271e+04	-2514.21	6.684e+05
		3.039e+05	-2514.21	-2.66e-04	0.0	92.1	4.712e+04	-6446.35	1.01	1.271e+04	-2420.82	3.039e+05
270	73	2.798e+06	-8315.94	0.30	-745.87	0.0	1.368e+05	-2.224e+04	8.51	1.209e+05	-9099.53	2.798e+06
		1.467e+06	-9099.53	-2.34e-03	0.0	92.1	1.368e+05	-2.299e+04	8.51	1.209e+05	-8315.94	1.467e+06
270	81	1.604e+06	-5008.55	0.14	-745.87	0.0	8.956e+04	-8664.43	-150.61	1.614e+04	-5008.55	1.604e+06
		1.082e+06	-1.888e+04	-9.90e-04	0.0	92.1	8.956e+04	-9410.30	-150.61	1.614e+04	-1.888e+04	1.082e+06
270	124	6.171e+05	-1027.94	0.06	-552.50	0.0	3.720e+04	-4817.96	-3.74	-3543.15	-1027.94	6.171e+05
		3.172e+05	-1372.67	-4.41e-04	0.0	92.1	3.720e+04	-5370.46	-3.74	-3543.15	-1372.67	3.172e+05
270	205	8.603e+05	66.17	0.09	-745.87	0.0	5.181e+04	-6776.18	-10.75	-9298.24	66.17	8.603e+05
		4.379e+05	-923.80	-1.40e-04	0.0	92.1	5.181e+04	-7522.05	-10.75	-9298.24	-923.80	4.379e+05
270	231	5.584e+05	-42.16	0.06	-552.50	0.0	4.038e+04	-5002.11	-5.86	-8340.27	-42.16	5.584e+05
		2.460e+05	-581.40	-3.37e-05	0.0	92.1	4.038e+04	-5554.61	-5.86	-8340.27	-581.40	2.460e+05
270	243	1.835e+06	-2889.75	0.20	-552.50	0.0	8.705e+04	-1.451e+04	-4.10	5.310e+04	-2889.75	1.835e+06
		9.655e+05	-3267.30	-1.40e-03	0.0	92.1	8.705e+04	-1.506e+04	-4.10	5.310e+04	-3267.30	9.655e+05
270	247	9.507e+05	140.61	0.08	-552.50	0.0	5.202e+04	-4451.24	-121.97	-2.449e+04	140.61	9.507e+05
		6.802e+05	-1.109e+04	-4.04e-04	0.0	92.1	5.202e+04	-5003.74	-121.97	-2.449e+04	-1.109e+04	6.802e+05
270	251	5.701e+05	653.57	0.06	-552.50	0.0	4.004e+04	-4997.57	-1.43	-8592.00	653.57	5.701e+05
		2.591e+05	521.66	-1.93e-05	0.0	92.1	4.004e+04	-5550.07	-1.43	-8592.00	521.66	2.591e+05
270	268	6.341e+05	-560.81	0.06	-552.50	0.0	3.820e+04	-4985.94	-5.50	-5355.19	-560.81	6.341e+05
		3.236e+05	-1067.71	-3.38e-04	0.0	92.1	3.820e+04	-5538.44	-5.50	-5355.19	-1067.71	3.236e+05
270	310	6.354e+05	-462.53	0.06	-552.50	0.0	3.827e+04	-5000.11	-6.44	-6266.70	-462.53	6.354e+05
		3.240e+05	-1055.59	-2.68e-04	0.0	92.1	3.827e+04	-5552.61	-6.44	-6266.70	-1055.59	3.240e+05
270	316	5.777e+05	345.35	0.06	-552.50	0.0	3.985e+04	-5003.09	-7.47	-8320.56	345.35	5.777e+05
		2.652e+05	-140.81	7.42e-05	0.0	92.1	3.985e+04	-5555.59	-7.47	-8320.56	-342.81	2.652e+05
270	319	1.535e+06	-3792.34	0.17	-552.50	0.0	7.486e+04	-1.213e+04	-6.16	3.776e+04	-1790.34	1.535e+06
		8.048e+05	-2357.24	-9.51e-04	0.0	92.1	7.486e+04	-1.268e+04	-6.16	3.776e+04	-2357.24	8.048e+05
270	320	8.719e+05	482.43	0.08	-552.50	0.0	4.858e+04	-4589.94	-94.56	-2.043e+04	482.43	8.719e+05
		5.908e+05	-8224.51	-2.04e-04	0.0	92.1	4.858e+04	-5142.44	-94.56	-2.043e+04	-8224.51	5.908e+05
270	321	5.864e+05	867.15	0.06	-552.50	0.0	3.960e+04	-4999.68	-4.16	-8509.36	867.15	5.864e+05
		2.750e+05	484.49	8.91e-05	0.0	92.1	3.960e+04	-5552.18	-4.16	-8509.36	484.49	2.750e+05
270	324	6.354e+05	30.32	0.06	-552.50	0.0	3.827e+04	-5001.60	-7.90	-6764.94	30.32	6.354e+05
		3.237e+05	-697.34	-1.02e-04	0.0	92.1	3.827e+04	-5554.10	-7.90	-6764.94	-697.34	3.237e+05
270	326	6.658e+05	-818.35	0.06	-552.50	0.0	3.734e+04	-4975.92	-10.18	-4312.74	-818.35	6.658e+05
		3.538e+05	-1834.07	-3.18e-04	0.0	92.1	3.734e+04	-5528.42	-10.18	-4312.74	-1834.07	3.538e+05
270	327	6.051e+05	878.98	0.06	-552.50	0.0	3.920e+04	-5027.28	-5.63	-9217.14	878.98	6.051e+05
		2.936e+05	439.39	1.14e-04	0.0	92.1	3.920e+04	-5579.78	-5.63	-9217.14	439.39	2.936e+05
270	342	6.528e+05	-2135.89	0.06	-552.50	0.0	3.730e+04	-4957.15	-3.75	128.50	-2135.89	6.528e+05
		3.432e+05	-2768.36	-8.53e-04	0.0	92.1	3.730e+04	-5509.65	-3.75	128.50	-2768.36	3.432e+05
270	343	6.181e+05	2196.52	0.06	-552.50	0.0	3.923e+04	-5046.05	-12.05	-1.366e+04	2196.52	6.181e+05
		3.042e+05	1373.68	6.49e-04	0.0	92.1	3.923e+04	-5598.55	-12.05	-1.366e+04	1373.68	3.042e+05
270	346	6.527e+05	-2133.40	0.06	-552.50	0.0	3.731e+04	-4957.11	-4.01	142.35	-2133.40	6.527e+05
		3.431e+05	-2787.83	-8.53e-04	0.0	92.1	3.731e+04	-5509.61	-4.01	142.35	-2787.83	3.431e+05
270	358	6.503e+05	-239.01	0.06	-552.50	0.0	3.789e+04	-4991.83	-9.26	-6120.93	-239.01	6.503e+05
		3.382e+05	-1105.46	-2.24e-04	0.0	92.1	3.789e+04	-5544.33	-9.26	-6120.93	-1105.46	3.382e+05

270	359	6.205e+05	299.64	0.06	-552.50	0.0	3.865e+04	-5011.36	-6.54	-7408.94	299.64	6.205e+05
		3.092e+05	-289.22	2.02e-05	0.0	92.1	3.865e+04	-5563.86	-6.54	-7408.94	-289.22	3.092e+05
270	383	6.282e+05	715.45	0.06	-552.50	0.0	3.845e+04	-5011.32	-9.19	-8213.04	715.45	6.282e+05
		3.162e+05	-60.36	4.85e-04	0.0	92.1	3.845e+04	-5563.82	-9.19	-8213.04	-60.36	3.162e+05
270	386	6.426e+05	-653.55	0.06	-552.50	0.0	3.809e+04	-4991.85	-6.74	-5309.75	-653.55	6.426e+05
		3.311e+05	-1344.06	-6.89e-04	0.0	92.1	3.809e+04	-5544.35	-6.74	-5309.75	-1344.06	3.311e+05
271	73	3.044e+06	-3472.25	0.33	-745.87	0.0	1.503e+05	-2.428e+04	112.90	1.512e+05	-1.387e+04	3.044e+06
		1.599e+06	-1.387e+04	-1.45e-03	0.0	92.1	1.503e+05	-2.502e+04	112.90	1.512e+05	-3472.25	1.599e+06
271	81	1.764e+06	7931.92	0.15	-745.87	0.0	9.900e+04	-8986.99	190.16	1.109e+05	-9578.33	1.764e+06
		1.226e+06	-9578.33	-6.38e-04	0.0	92.1	9.900e+04	-9732.86	190.16	1.109e+05	7931.92	1.226e+06
271	140	6.072e+05	237.40	0.06	-552.50	0.0	3.768e+04	-4858.12	10.75	7752.42	-752.79	6.072e+05
		3.036e+05	-752.79	-2.28e-04	0.0	92.1	3.768e+04	-5410.62	10.75	7752.42	237.40	3.036e+05
271	162	6.172e+05	293.16	0.06	-552.50	0.0	3.721e+04	-4822.45	8.15	5044.53	-457.19	6.172e+05
		3.161e+05	-457.19	-6.06e-05	0.0	92.1	3.721e+04	-5374.95	8.15	5044.53	293.16	3.161e+05
271	231	5.573e+05	111.53	0.06	-552.50	0.0	4.059e+04	-5022.84	5.22	4941.77	-369.02	5.573e+05
		2.440e+05	-369.02	1.25e-04	0.0	92.1	4.059e+04	-5575.34	5.22	4941.77	111.53	2.440e+05
271	243	1.931e+06	-1893.70	0.21	-552.50	0.0	9.191e+04	-1.550e+04	62.21	7.219e+04	-7622.12	1.931e+06
		1.005e+06	-7622.12	-7.73e-04	0.0	92.1	9.191e+04	-1.605e+04	62.21	7.219e+04	-1893.70	1.005e+06
271	247	9.828e+05	6553.84	0.08	-552.50	0.0	5.394e+04	-4174.37	119.44	4.228e+04	-4444.27	9.828e+05
		7.289e+05	-4444.27	-1.74e-04	0.0	92.1	5.394e+04	-4726.87	119.44	4.228e+04	6553.84	7.289e+05
271	287	6.342e+05	351.22	0.06	-552.50	0.0	3.820e+04	-4988.92	8.43	6351.69	-424.89	6.342e+05
		3.229e+05	-424.89	4.86e-06	0.0	92.1	3.820e+04	-5541.42	8.43	6351.69	351.22	3.229e+05
271	309	6.354e+05	697.34	0.06	-552.50	0.0	3.827e+04	-5001.60	7.90	6764.95	-30.32	6.354e+05
		3.237e+05	-30.32	1.02e-04	0.0	92.1	3.827e+04	-5554.10	7.90	6764.95	697.34	3.237e+05
271	316	5.768e+05	527.77	0.06	-552.50	0.0	4.001e+04	-5016.40	4.80	5024.33	85.53	5.768e+05
		2.642e+05	85.53	2.44e-04	0.0	92.1	4.001e+04	-5568.90	4.80	5024.33	527.77	2.642e+05
271	319	1.607e+06	-976.14	0.18	-552.50	0.0	7.850e+04	-1.287e+04	47.55	5.546e+04	-5354.28	1.607e+06
		8.352e+05	-5354.28	-4.29e-04	0.0	92.1	7.850e+04	-1.343e+04	47.55	5.546e+04	-976.14	8.352e+05
271	320	8.960e+05	5359.51	0.08	-552.50	0.0	5.002e+04	-4380.05	90.47	3.303e+04	-2970.90	8.960e+05
		6.279e+05	-2970.90	2.04e-05	0.0	92.1	5.002e+04	-4932.55	90.47	3.303e+04	5359.51	6.279e+05
271	324	6.354e+05	697.34	0.06	-552.50	0.0	3.827e+04	-5001.60	7.90	6764.95	-30.32	6.354e+05
		3.237e+05	-30.32	1.02e-04	0.0	92.1	3.827e+04	-5554.10	7.90	6764.95	697.34	3.237e+05
271	333	6.659e+05	1829.88	0.06	-552.50	0.0	3.736e+04	-4974.37	9.68	4283.26	862.44	6.659e+05
		3.538e+05	862.44	3.18e-04	0.0	92.1	3.736e+04	-5526.87	9.68	4283.26	1829.88	3.538e+05
271	336	6.050e+05	-435.21	0.06	-552.50	0.0	3.918e+04	-5028.83	6.12	9246.64	-923.08	6.050e+05
		2.936e+05	-923.08	-1.14e-04	0.0	92.1	3.918e+04	-5581.33	6.12	9246.64	-435.21	2.936e+05
271	341	6.531e+05	2773.88	0.06	-552.50	0.0	3.738e+04	-4951.95	2.36	-240.64	2280.38	6.531e+05
		3.431e+05	2280.38	8.51e-04	0.0	92.1	3.738e+04	-5504.45	2.36	-240.64	2773.88	3.431e+05
271	348	6.177e+05	-1359.74	0.06	-552.50	0.0	3.916e+04	-5051.21	13.70	1.376e+04	-2343.51	6.177e+05
		3.042e+05	-2343.51	-6.47e-04	0.0	92.1	3.916e+04	-5603.71	13.70	1.376e+04	-1359.74	3.042e+05
271	365	6.503e+05	1105.46	0.06	-552.50	0.0	3.789e+04	-4991.83	9.26	6120.95	239.00	6.503e+05
		3.382e+05	239.00	2.24e-04	0.0	92.1	3.789e+04	-5544.33	9.26	6120.95	1105.46	3.382e+05
271	368	6.205e+05	289.22	0.06	-552.50	0.0	3.865e+04	-5011.36	6.54	7408.96	-299.64	6.205e+05
		3.092e+05	-299.64	-2.02e-05	0.0	92.1	3.865e+04	-5563.86	6.54	7408.96	289.22	3.092e+05
271	381	6.426e+05	1344.06	0.06	-552.50	0.0	3.809e+04	-4991.85	6.74	5309.77	653.55	6.426e+05
		3.311e+05	653.55	6.89e-04	0.0	92.1	3.809e+04	-5544.35	6.74	5309.77	1344.06	3.311e+05
271	388	6.282e+05	715.45	0.06	-552.50	0.0	3.845e+04	-5011.32	9.19	8213.05	-715.45	6.282e+05
		3.162e+05	-715.45	-4.85e-04	0.0	92.1	3.845e+04	-5563.82	9.19	8213.05	715.45	3.162e+05
272	73	3.335e+06	-8018.92	0.36	-745.87	0.0	1.656e+05	-2.734e+04	-63.04	1.309e+05	-8018.92	3.335e+06
		1.720e+06	-1.382e+04	2.18e-04	0.0	92.1	1.656e+05	-2.809e+04	-63.04	1.309e+05	-1.382e+04	1.720e+06
272	81	1.930e+06	-8036.12	0.17	-745.87	0.0	1.086e+05	-9712.28	-64.00	4.034e+04	-8036.12	1.930e+06
		1.360e+06	-1.393e+04	2.15e-04	0.0	92.1	1.086e+05	-1.046e+04	-64.00	4.034e+04	-1.393e+04	1.360e+06
272	162	6.257e+05	-2519.42	0.06	-552.50	0.0	3.763e+04	-4911.37	-27.71	-1621.85	-2519.42	6.257e+05
		3.221e+05	-5070.79	2.49e-04	0.0	92.1	3.763e+04	-5463.87	-27.71	-1621.85	-5070.79	3.221e+05
272	178	6.147e+05	-2588.47	0.06	-552.50	0.0	3.802e+04	-4922.65	-27.52	-1393.25	-2588.47	6.147e+05
		3.099e+05	-5122.33	2.11e-04	0.0	92.1	3.802e+04	-5475.15	-27.52	-1393.25	-5122.33	3.099e+05
272	206	6.291e+05	-2003.19	0.06	-552.50	0.0	3.790e+04	-4956.17	-28.07	-1047.87	-2003.19	6.291e+05
		3.240e+05	-4588.29	3.88e-04	0.0	92.1	3.790e+04	-5508.67	-28.07	-1047.87	-4588.29	3.240e+05
272	243	2.074e+06	-3782.26	0.23	-552.50	0.0	9.905e+04	-1.696e+04	-50.45	6.361e+04	-3782.26	2.074e+06
		1.071e+06	-8428.32	2.29e-04	0.0	92.1	9.905e+04	-1.751e+04	-50.45	6.361e+04	-8428.32	1.071e+06
272	251	5.616e+05	-2331.83	0.06	-552.50	0.0	4.187e+04	-5107.48	-31.31	-4159.66	-2331.83	5.616e+05
		2.435e+05	-5214.51	4.84e-04	0.0	92.1	4.187e+04	-5659.98	-31.31	-4159.66	-5214.51	2.435e+05
272	270	9.820e+05	-5768.53	0.10	-552.50	0.0	6.436e+04	-8377.68	-75.38	3.260e+04	-5768.53	9.820e+05
		4.736e+05	-8603.84	1.70e-04	92.27	92.1	6.436e+04	-8930.18	16.89	3.260e+04	-8603.84	4.736e+05
272	287	6.480e+05	-3126.43	0.06	-552.50	0.0	3.903e+04	-5074.06	-31.07	-469.95	-3126.43	6.480e+05
		3.356e+05	-5986.99	3.38e-04	0.0	92.1	3.903e+04	-5626.56	-31.07	-469.95	-5986.99	3.356e+05
272	310	6.506e+05	-3209.93	0.06	-552.50	0.0	3.916e+04	-5096.86	-30.13	266.61	-3209.93	6.506e+05
		3.363e+05	-5984.62	2.79e-04	0.0	92.1	3.916e+04	-5649.36	-30.13	266.61	-5984.62	3.363e+05
272	319	1.718e+06	-3213.12	0.19	-552.50	0.0	8.413e+04	-1.400e+04	-46.54	4.742e+04	-3213.12	1.718e+06
		8.880e+05	-7498.25	3.66e-04	0.0	92.1	8.413e+04	-1.455e+04	-46.54	4.742e+04	-7498.25	8.880e+05
272	320	9.374e+05	-3222.68	0.08	-552.50	0.0	5.246e+04	-4205.98	-47.07	-2869.28	-3222.68	9.374e+05
		6.879e+05	-7556.79	3.63e-04	0.0	92.1	5.246e+04	-4758.48	-47.07	-2869.28	-7556.79	6.879e+05
272	321	5.835e+05	-2125.30	0.06	-552.50	0.0	4.124e+04	-5111.88	-32.17	-3405.20	-2125.30	5.835e+05
		2.673e+05	-5087.89	5.91e-04	0.0	92.1	4.124e+04	-5664.38	-32.17	-3405.20	-5087.89	2.673e+05
272	324	6.502e+05	-2784.17	0.06	-552.50	0.0	3.921e+04	-5103.90	-31.30	-85.73	-2784.17	6.502e+05
		3.369e+05	-5666.74	4.31e-04	0.0	92.1	3.921e+04	-5656.40	-31.30	-85.73	-5666.74	3.369e+05
272	333	6.867e+05	-1872.44	0.06	-552.50	0.0	3.796e+04	-5180.25	-36.66	2460.63	-1872.44	6.867e+05

		3.730e+05	-6424.90	5.91e-04	0.0	92.1	3.796e+04	-5732.75	-36.66	2460.63	-6424.90	3.730e+05
272	345	6.834e+05	-277.88	0.07	-552.50	0.0	3.707e+04	-5277.36	-47.06	6619.13	-277.88	6.834e+05
		3.761e+05	-7689.78	1.09e-03	0.0	92.1	3.707e+04	-5829.86	-47.06	6619.13	-7689.78	3.761e+05
272	348	6.170e+05	-3643.71	0.06	-552.50	0.0	4.136e+04	-4930.43	-15.55	-6790.60	-5290.46	6.170e+05
		2.977e+05	-5290.46	-2.27e-04	0.0	92.1	4.136e+04	-5482.93	-15.55	-6790.60	-3643.71	2.977e+05
272	365	6.685e+05	-2508.53	0.06	-552.50	0.0	3.902e+04	-5124.53	-33.27	-231.02	-2508.53	6.685e+05
		3.537e+05	-5588.97	5.31e-04	0.0	92.1	3.902e+04	-5677.03	-33.27	-231.02	-5588.97	3.537e+05
272	368	6.319e+05	-3059.81	0.06	-552.50	0.0	3.940e+04	-5083.27	-29.33	59.55	-3059.81	6.319e+05
		3.200e+05	-5744.51	3.33e-04	0.0	92.1	3.940e+04	-5635.77	-29.33	59.55	-5744.51	3.200e+05
272	377	6.670e+05	-2128.83	0.06	-552.50	0.0	3.959e+04	-5132.22	-36.82	-1460.93	-2128.83	6.670e+05
		3.524e+05	-5158.03	8.26e-04	0.0	92.1	3.959e+04	-5684.72	-36.82	-1460.93	-5158.03	3.524e+05
272	378	6.422e+05	-3387.40	0.07	-552.50	0.0	3.864e+04	-5083.57	-26.00	1465.69	-3640.49	6.422e+05
		3.294e+05	-6224.81	1.07e-04	0.0	92.1	3.864e+04	-5636.07	-26.00	1465.69	-6224.81	3.294e+05
272	379	6.583e+05	-2180.94	0.06	-552.50	0.0	3.979e+04	-5124.22	-36.61	-1637.15	-2180.94	6.583e+05
		3.444e+05	-5108.68	8.38e-04	0.0	92.1	3.979e+04	-5676.72	-36.61	-1637.15	-5108.68	3.444e+05
273	97	4.081e+06	-1.596e+04	0.34	-745.87	0.0	1.907e+05	-3.260e+04	18.37	1.310e+05	-1.765e+04	4.081e+06
		2.121e+06	-1.765e+04	4.65e-04	0.0	92.1	1.907e+05	-3.335e+04	18.37	1.310e+05	-1.596e+04	2.121e+06
273	162	6.173e+05	-2569.26	0.06	-552.50	0.0	3.783e+04	-4908.88	-28.00	-1677.31	-2569.26	6.173e+05
		3.137e+05	-5147.20	2.34e-04	0.0	92.1	3.783e+04	-5461.38	-28.00	-1677.31	-5147.20	3.137e+05
273	184	6.427e+05	-2640.49	0.06	-552.50	0.0	3.819e+04	-4920.47	-27.78	-1431.07	-6037.63	6.427e+05
		3.029e+05	-5198.90	1.95e-04	0.0	92.1	3.819e+04	-5472.97	-27.78	-1431.07	-5198.90	3.029e+05
273	206	6.291e+05	-2003.19	0.06	-552.50	0.0	3.790e+04	-4956.17	-28.07	-1047.88	-2003.19	6.291e+05
		3.240e+05	-4588.27	3.88e-04	0.0	92.1	3.790e+04	-5508.67	-28.07	-1047.88	-4588.27	3.240e+05
273	255	2.627e+06	-1.003e+04	0.21	-552.50	0.0	1.177e+05	-2.085e+04	9.85	6.381e+04	-1.094e+04	2.627e+06
		1.369e+06	-1.094e+04	4.16e-04	0.0	92.1	1.177e+05	-2.141e+04	9.85	6.381e+04	-1.003e+04	1.369e+06
273	259	5.506e+05	-2429.79	0.06	-552.50	0.0	4.211e+04	-5103.20	-31.67	-4141.67	-2429.79	5.506e+05
		2.327e+05	-5346.02	4.35e-04	0.0	92.1	4.211e+04	-5655.70	-31.67	-4141.67	-5346.02	2.327e+05
273	287	6.424e+05	-3159.45	0.06	-552.50	0.0	3.917e+04	-5072.41	-31.26	-506.93	-3159.45	6.424e+05
		3.300e+05	-6037.63	3.27e-04	0.0	92.1	3.917e+04	-5624.91	-31.26	-506.93	-6037.63	3.300e+05
273	310	6.512e+05	-3248.95	0.06	-552.50	0.0	3.913e+04	-5095.86	-30.17	384.07	-3248.95	6.512e+05
		3.370e+05	-6027.20	2.67e-04	0.0	92.1	3.913e+04	-5648.36	-30.17	384.07	-6027.20	3.370e+05
273	322	2.137e+06	-8546.68	0.18	-552.50	0.0	9.799e+04	-1.692e+04	-1.15	4.757e+04	-8546.68	2.137e+06
		1.116e+06	-8653.00	5.14e-04	0.0	92.1	9.799e+04	-1.748e+04	-1.15	4.757e+04	-8653.00	1.116e+06
273	323	5.793e+05	-2164.47	0.06	-552.50	0.0	4.134e+04	-5110.15	-32.29	-3392.67	-2164.47	5.793e+05
		2.632e+05	-5138.12	5.67e-04	0.0	92.1	4.134e+04	-5662.65	-32.29	-3392.67	-5138.12	2.632e+05
273	324	6.502e+05	-2784.17	0.06	-552.50	0.0	3.921e+04	-5103.90	-31.30	-85.74	-2784.17	6.502e+05
		3.369e+05	-5666.72	4.31e-04	0.0	92.1	3.921e+04	-5656.40	-31.30	-85.74	-5666.72	3.369e+05
273	334	7.770e+05	-2274.36	0.08	-552.50	0.0	3.175e+04	-5500.24	-34.69	6838.09	-2274.36	7.770e+05
		4.310e+05	-6404.08	-7.16e-04	0.0	92.1	3.175e+04	-6052.74	-34.69	6838.09	-6404.08	4.310e+05
273	335	5.235e+05	-3293.98	0.05	-552.50	0.0	4.668e+04	-4707.55	-27.92	-7009.57	-3293.98	5.235e+05
		2.427e+05	-4929.37	1.58e-03	0.0	92.1	4.668e+04	-5260.05	-27.92	-7009.57	-4929.37	2.427e+05
273	339	5.290e+05	-3478.09	0.05	-552.50	0.0	4.590e+04	-4598.83	-26.03	-2717.69	-3478.09	5.290e+05
		2.427e+05	-5031.15	7.58e-04	0.0	92.1	4.590e+04	-5151.33	-26.03	-2717.69	-5031.15	2.427e+05
273	341	6.365e+05	-892.90	0.06	-552.50	0.0	4.174e+04	-5706.79	-47.99	-1.601e+04	-892.90	6.365e+05
		3.408e+05	-4721.90	4.14e-03	0.0	92.1	4.174e+04	-6259.29	-47.99	-1.601e+04	-4721.90	3.408e+05
273	346	7.314e+05	-4080.46	0.07	-552.50	0.0	3.302e+04	-4817.87	-19.20	1.700e+04	-4080.46	7.314e+05
		3.852e+05	-6851.38	-3.29e-03	0.0	92.1	3.302e+04	-5370.37	-19.20	1.700e+04	-6851.38	3.852e+05
273	366	7.098e+05	-2614.21	0.07	-552.50	0.0	3.578e+04	-5354.34	-33.34	1444.19	-2614.21	7.098e+05
		3.838e+05	-6067.67	1.63e-04	0.0	92.1	3.578e+04	-5906.84	-33.34	1444.19	-6067.67	3.838e+05
273	367	5.907e+05	-2954.12	0.06	-552.50	0.0	4.264e+04	-4853.46	-29.27	-1615.67	-2954.12	5.907e+05
		2.900e+05	-5265.78	7.36e-04	0.0	92.1	4.264e+04	-5405.96	-29.27	-1615.67	-5265.78	2.900e+05
273	370	7.124e+05	-2428.24	0.07	-552.50	0.0	3.584e+04	-5361.67	-33.99	1252.06	-2428.24	7.124e+05
		3.848e+05	-5986.76	2.76e-04	0.0	92.1	3.584e+04	-5914.17	-33.99	1252.06	-5986.76	3.848e+05
273	371	5.880e+05	-3140.09	0.06	-552.50	0.0	4.259e+04	-4846.12	-28.62	-1423.54	-3140.09	5.880e+05
		2.889e+05	-5346.69	5.92e-04	0.0	92.1	4.259e+04	-5398.62	-28.62	-1423.54	-5346.69	2.889e+05
273	373	6.620e+05	-1526.02	0.06	-552.50	0.0	3.935e+04	-5249.86	-38.65	-1526.23	-1526.02	6.620e+05
		3.427e+05	-5100.13	1.39e-03	0.0	92.1	3.935e+04	-5802.36	-38.65	-1526.23	-5100.13	3.427e+05
273	378	6.731e+05	-3739.90	0.07	-552.50	0.0	3.723e+04	-5119.47	-26.27	1952.51	-3739.90	6.731e+05
		3.577e+05	-6355.67	-5.38e-04	0.0	92.1	3.723e+04	-5671.97	-26.27	1952.51	-6355.67	3.577e+05
274	89	2.416e+06	-2252.70	0.29	-745.87	0.0	1.269e+05	-1.948e+04	80.02	1.329e+05	-9621.26	2.416e+06
		1.251e+06	-9621.26	-1.23e-03	0.0	92.1	1.269e+05	-2.023e+04	80.02	1.329e+05	-2252.70	1.251e+06
274	97	3.710e+06	-616.75	0.31	-745.87	0.0	1.737e+05	-2.867e+04	-17.06	1.365e+05	-616.75	3.710e+06
		1.980e+06	-2188.10	-1.40e-03	0.0	92.1	1.737e+05	-2.942e+04	-17.06	1.365e+05	-2188.10	1.980e+06
274	113	1.140e+06	1084.03	0.12	-745.87	0.0	7.650e+04	-9698.62	27.82	3.178e+04	-1477.29	1.140e+06
		5.457e+05	-1477.29	-1.65e-04	0.0	92.1	7.650e+04	-1.044e+04	27.82	3.178e+04	1084.03	5.457e+05
274	146	6.000e+05	119.04	0.06	-552.50	0.0	3.788e+04	-4858.26	10.34	7889.02	-832.65	6.000e+05
		2.964e+05	-832.65	-2.54e-04	0.0	92.1	3.788e+04	-5410.76	10.34	7889.02	119.04	2.964e+05
274	206	6.191e+05	814.74	0.06	-552.50	0.0	3.731e+04	-4841.47	7.35	5661.13	137.97	6.191e+05
		3.173e+05	137.97	8.62e-05	0.0	92.1	3.731e+04	-5393.97	7.35	5661.13	814.74	3.173e+05
274	251	1.467e+06	-1016.19	0.18	-552.50	0.0	7.455e+04	-1.195e+04	37.81	5.866e+04	-4497.89	1.467e+06
		7.488e+05	-4497.89	-6.19e-04	0.0	92.1	7.455e+04	-1.250e+04	37.81	5.866e+04	-1016.19	7.488e+05
274	255	2.425e+06	2172.11	0.20	-552.50	0.0	1.092e+05	-1.876e+04	-34.10	6.131e+04	2172.11	2.425e+06
		1.288e+06	-968.33	-7.43e-04	0.0	92.1	1.092e+05	-1.931e+04	-34.10	6.131e+04	-968.33	1.288e+06
274	259	5.474e+05	1123.73	0.06	-552.50	0.0	4.086e+04	-5026.72	9.62	4860.39	237.84	5.474e+05
		2.329e+05	237.84	9.83e-05	0.0	92.1	4.086e+04	-5579.22	9.62	4860.39	1123.73	2.329e+05
274	287	6.285e+05	292.43	0.06	-552.50	0.0	3.836e+04	-4989.34	8.19	6409.74	-461.68	6.285e+05
		3.172e+05	-461.68	-5.74e-06	0.0	92.1	3.836e+04	-5541.84	8.19	6409.74	292.43	3.172e+05

274	310	6.357e+05	288.93	0.06	-552.50	0.0	3.826e+04	-5002.55	9.25	7361.83	-563.24	6.357e+05
		3.236e+05	-563.24	-7.75e-05	0.0	92.1	3.826e+04	-5555.05	9.25	7361.83	288.93	3.236e+05
274	321	1.263e+06	-261.65	0.15	-552.50	0.0	6.536e+04	-1.021e+04	29.45	4.524e+04	-2973.74	1.263e+06
		6.470e+05	-2973.74	-3.03e-04	0.0	92.1	6.536e+04	-1.076e+04	29.45	4.524e+04	-261.65	6.470e+05
274	322	1.982e+06	2028.76	0.17	-552.50	0.0	9.136e+04	-1.532e+04	-24.48	4.723e+04	2028.76	1.982e+06
		1.052e+06	-225.76	-3.96e-04	0.0	92.1	9.136e+04	-1.587e+04	-24.48	4.723e+04	-225.76	1.052e+06
274	323	5.736e+05	1343.29	0.06	-552.50	0.0	4.010e+04	-5019.12	8.31	4895.70	578.06	5.736e+05
		2.601e+05	578.06	2.35e-04	0.0	92.1	4.010e+04	-5571.62	8.31	4895.70	1343.29	2.601e+05
274	324	6.354e+05	697.35	0.06	-552.50	0.0	3.827e+04	-5001.60	7.90	6764.97	-30.32	6.354e+05
		3.237e+05	-30.32	1.02e-04	0.0	92.1	3.827e+04	-5554.10	7.90	6764.97	697.35	3.237e+05
274	334	7.491e+05	1552.80	0.07	-552.50	0.0	3.161e+04	-4512.20	19.14	1.066e+04	-306.86	7.491e+05
		4.142e+05	-306.86	-9.87e-04	0.0	92.1	3.161e+04	-5064.70	19.14	1.066e+04	1552.80	4.142e+05
274	335	5.218e+05	246.23	0.05	-552.50	0.0	4.493e+04	-5491.00	-3.34	2872.78	246.23	5.218e+05
		2.332e+05	-158.10	1.19e-03	0.0	92.1	4.493e+04	-6043.50	-3.34	2872.78	-158.10	2.332e+05
274	341	6.523e+05	3184.18	0.07	-552.50	0.0	3.789e+04	-4782.51	19.33	-1.032e+04	2109.71	6.523e+05
		3.383e+05	2109.71	3.89e-03	0.0	92.1	3.789e+04	-5335.01	19.33	-1.032e+04	3184.18	3.383e+05
274	344	6.186e+05	-1789.48	0.06	-552.50	0.0	3.865e+04	-5220.69	-3.53	2.385e+04	-2170.34	6.186e+05
		3.091e+05	-2170.34	-3.69e-03	0.0	92.1	3.865e+04	-5773.19	-3.53	2.385e+04	-1789.48	3.091e+05
274	370	6.929e+05	1293.14	0.07	-552.50	0.0	3.505e+04	-4743.77	15.09	6501.05	-26.94	6.929e+05
		3.668e+05	-26.94	-2.98e-05	0.0	92.1	3.505e+04	-5296.27	15.09	6501.05	1293.14	3.668e+05
274	371	5.780e+05	101.56	0.06	-552.50	0.0	4.149e+04	-5259.43	0.72	7028.89	-33.69	5.780e+05
		2.806e+05	-33.69	2.29e-04	0.0	92.1	4.149e+04	-5811.93	0.72	7028.89	101.56	2.806e+05
274	372	5.808e+05	-169.16	0.06	-552.50	0.0	4.133e+04	-5262.34	1.66	7639.73	-363.73	5.808e+05
		2.779e+05	-363.73	-6.88e-05	0.0	92.1	4.133e+04	-5814.84	1.66	7639.73	-169.16	2.779e+05
274	373	6.502e+05	2144.51	0.06	-552.50	0.0	3.759e+04	-4915.76	7.87	4885.24	1401.79	6.502e+05
		3.396e+05	1401.79	1.09e-03	0.0	92.1	3.759e+04	-5468.26	7.87	4885.24	2144.51	3.396e+05
274	376	6.207e+05	-749.81	0.06	-552.50	0.0	3.895e+04	-5087.44	7.93	8644.70	-1462.42	6.207e+05
		3.077e+05	-1462.42	-8.87e-04	0.0	92.1	3.895e+04	-5639.94	7.93	8644.70	-749.81	3.077e+05
275	78	6.564e+05	-2433.57	0.07	-552.50	0.0	4.746e+04	-5895.95	1.17	1.284e+04	-2541.44	6.564e+05
		2.918e+05	-2541.44	-2.77e-04	0.0	92.1	4.746e+04	-6448.45	1.17	1.284e+04	-2433.57	2.918e+05
275	97	3.351e+06	-1.521e+04	0.29	-745.87	0.0	1.565e+05	-2.573e+04	140.26	1.249e+05	-2.813e+04	3.351e+06
		1.793e+06	-2.813e+04	-2.17e-03	0.0	92.1	1.565e+05	-2.648e+04	140.26	1.249e+05	-1.521e+04	1.793e+06
275	98	3.110e+06	-1.510e+04	0.26	-552.50	0.0	1.421e+05	-2.380e+04	143.66	1.286e+05	-2.833e+04	3.110e+06
		1.673e+06	-2.833e+04	-2.12e-03	0.0	92.1	1.421e+05	-2.435e+04	143.66	1.286e+05	-1.510e+04	1.673e+06
275	205	8.603e+05	66.17	0.09	-745.87	0.0	5.181e+04	-6776.18	-10.75	-9298.27	66.17	8.603e+05
		4.379e+05	-923.82	-1.40e-04	0.0	92.1	5.181e+04	-7522.05	-10.75	-9298.27	-923.82	4.379e+05
275	206	6.191e+05	-137.97	0.06	-552.50	0.0	3.731e+04	-4841.47	-7.35	-5661.11	-137.97	6.191e+05
		3.173e+05	-814.75	-8.62e-05	0.0	92.1	3.731e+04	-5393.97	-7.35	-5661.11	-814.75	3.173e+05
275	243	5.524e+05	-73.75	0.06	-552.50	0.0	4.055e+04	-5003.36	-5.85	-8235.46	-73.75	5.524e+05
		2.399e+05	-612.31	-4.47e-05	0.0	92.1	4.055e+04	-5555.86	-5.85	-8235.46	-612.31	2.399e+05
275	255	2.246e+06	-8407.23	0.19	-552.50	0.0	1.016e+05	-1.709e+04	93.41	5.616e+04	-1.701e+04	2.246e+06
		1.208e+06	-1.701e+04	-1.29e-03	0.0	92.1	1.016e+05	-1.765e+04	93.41	5.616e+04	-8407.23	1.208e+06
275	259	5.575e+05	583.98	0.06	-552.50	0.0	4.040e+04	-5000.34	-1.36	-8361.41	583.98	5.575e+05
		2.463e+05	458.35	-5.08e-05	0.0	92.1	4.040e+04	-5552.84	-1.36	-8361.41	458.35	2.463e+05
275	268	6.279e+05	-604.16	0.06	-552.50	0.0	3.838e+04	-4987.43	-5.49	-5216.01	-604.16	6.279e+05
		3.173e+05	-1109.27	-3.53e-04	0.0	92.1	3.838e+04	-5539.93	-5.49	-5216.01	-1109.27	3.173e+05
275	309	6.354e+05	30.31	0.06	-552.50	0.0	3.827e+04	-5001.60	-7.90	-6764.96	30.31	6.354e+05
		3.237e+05	-697.35	-1.02e-04	0.0	92.1	3.827e+04	-5554.10	-7.90	-6764.96	-697.35	3.237e+05
275	319	5.777e+05	344.39	0.06	-552.50	0.0	3.985e+04	-5003.03	-7.51	-8322.27	344.39	5.777e+05
		2.652e+05	-347.10	7.43e-05	0.0	92.1	3.985e+04	-5555.53	-7.51	-8322.27	-347.10	2.652e+05
275	322	1.848e+06	-6193.29	0.16	-552.50	0.0	8.566e+04	-1.407e+04	66.94	3.998e+04	-1.236e+04	1.848e+06
		9.913e+05	-1.236e+04	-8.59e-04	0.0	92.1	8.566e+04	-1.462e+04	66.94	3.998e+04	-6193.29	9.913e+05
275	323	5.816e+05	837.68	0.06	-552.50	0.0	3.973e+04	-5000.77	-4.15	-8416.73	837.68	5.816e+05
		2.701e+05	455.90	6.97e-05	0.0	92.1	3.973e+04	-5553.27	-4.15	-8416.73	455.90	2.701e+05
275	324	6.354e+05	30.31	0.06	-552.50	0.0	3.827e+04	-5001.60	-7.90	-6764.96	30.31	6.354e+05
		3.237e+05	-697.35	-1.02e-04	0.0	92.1	3.827e+04	-5554.10	-7.90	-6764.96	-697.35	3.237e+05
275	325	7.525e+05	398.62	0.08	-552.50	0.0	3.146e+04	-4520.66	-18.78	-1.063e+04	398.62	7.525e+05
		4.049e+05	-1568.82	9.85e-04	0.0	92.1	3.146e+04	-5073.16	-18.78	-1.063e+04	-1568.82	4.049e+05
275	327	5.346e+05	1346.43	0.05	-552.50	0.0	4.390e+04	-5539.44	8.03	-1.289e+04	1058.60	5.346e+05
		2.306e+05	1058.60	1.07e-03	0.0	92.1	4.390e+04	-6091.94	8.03	-1.289e+04	1346.43	2.306e+05
275	328	5.184e+05	174.12	0.05	-552.50	0.0	4.508e+04	-5482.54	2.97	-2895.47	-337.99	5.184e+05
		2.425e+05	-337.99	-1.19e-03	0.0	92.1	4.508e+04	-6035.04	2.97	-2895.47	174.12	2.425e+05
275	346	6.410e+05	-2415.58	0.06	-552.50	0.0	3.838e+04	-4754.33	-20.54	1.024e+04	-2415.58	6.410e+05
		3.696e+05	-3130.79	-3.89e-03	0.0	92.1	3.838e+04	-5306.83	-20.54	1.024e+04	-3130.79	3.696e+05
275	347	6.299e+05	2476.21	0.06	-552.50	0.0	3.816e+04	-5248.87	4.74	-2.377e+04	2476.21	6.299e+05
		2.778e+05	1736.08	3.68e-03	0.0	92.1	3.816e+04	-5801.37	4.74	-2.377e+04	1736.08	2.778e+05
275	361	6.929e+05	26.94	0.07	-552.50	0.0	3.505e+04	-4743.77	-15.09	-6501.04	26.94	6.929e+05
		3.668e+05	-1293.14	2.98e-05	0.0	92.1	3.505e+04	-5296.27	-15.09	-6501.04	-1293.14	3.668e+05
275	363	5.808e+05	363.73	0.06	-552.50	0.0	4.133e+04	-5262.34	-1.66	-7639.72	363.73	5.808e+05
		2.779e+05	169.16	6.88e-05	0.0	92.1	4.133e+04	-5814.84	-1.66	-7639.72	169.16	2.779e+05
275	364	5.780e+05	33.69	0.06	-552.50	0.0	4.149e+04	-5259.43	-0.72	-7028.87	33.69	5.780e+05
		2.806e+05	-101.56	-2.29e-04	0.0	92.1	4.149e+04	-5811.93	-0.72	-7028.87	-101.56	2.806e+05
275	378	6.502e+05	-1401.79	0.06	-552.50	0.0	3.759e+04	-4915.76	-7.87	-4885.23	-1401.79	6.502e+05
		3.396e+05	-2144.51	-1.09e-03	0.0	92.1	3.759e+04	-5468.26	-7.87	-4885.23	-2144.51	3.396e+05
275	379	6.207e+05	1462.42	0.06	-552.50	0.0	3.895e+04	-5087.44	-7.93	-8644.69	1462.42	6.207e+05
		3.077e+05	749.81	8.87e-04	0.0	92.1	3.895e+04	-5639.94	-7.93	-8644.69	749.81	3.077e+05
276	78	6.216e+05	4491.75	0.06	-552.50	0.0	4.514e+04	-5652.92	43.24	2.221e+04	509.98	6.216e+05

		2.752e+05	509.98	-6.10e-04	0.0	92.1	4.514e+04	-6205.42	43.24	2.221e+04	4491.75	2.752e+05
276	97	3.079e+06	5574.28	0.26	-745.87	0.0	1.425e+05	-2.410e+04	107.18	1.206e+05	-4294.70	3.079e+06
		1.640e+06	-4294.70	-3.58e-03	0.0	92.1	1.425e+05	-2.484e+04	107.18	1.206e+05	5574.28	1.640e+06
276	98	2.827e+06	2350.71	0.24	-552.50	0.0	1.272e+05	-2.214e+04	92.50	1.217e+05	-6167.28	2.827e+06
		1.507e+06	-6167.28	-3.38e-03	0.0	92.1	1.272e+05	-2.270e+04	92.50	1.217e+05	2350.71	1.507e+06
276	171	8.926e+05	1.020e+04	0.09	-745.87	0.0	6.026e+04	-7654.03	178.54	2.059e+04	3841.82	8.926e+05
		4.267e+05	3841.82	-8.02e-04	-230.67	92.1	6.026e+04	-8399.91	-52.13	2.059e+04	9662.15	4.267e+05
276	206	6.291e+05	4588.27	0.06	-552.50	0.0	3.790e+04	-4956.17	28.07	1047.90	2003.19	6.291e+05
		3.240e+05	2003.19	-3.88e-04	0.0	92.1	3.790e+04	-5508.67	28.07	1047.90	4588.27	3.240e+05
276	243	5.658e+05	5700.67	0.06	-552.50	0.0	4.121e+04	-5073.37	33.42	104.83	2623.40	5.658e+05
		2.527e+05	2623.40	-3.63e-04	0.0	92.1	4.121e+04	-5625.87	33.42	104.83	5700.67	2.527e+05
276	255	2.123e+06	4002.35	0.18	-552.50	0.0	9.603e+04	-1.649e+04	56.12	5.084e+04	-1164.87	2.123e+06
		1.135e+06	-1164.87	-2.24e-03	0.0	92.1	9.603e+04	-1.704e+04	56.12	5.084e+04	4002.35	1.135e+06
276	268	6.404e+05	5316.67	0.06	-552.50	0.0	3.934e+04	-5088.49	33.52	1446.57	2229.88	6.404e+05
		3.297e+05	2229.88	-6.73e-04	0.0	92.1	3.934e+04	-5640.99	33.52	1446.57	5316.67	3.297e+05
276	292	6.591e+05	7261.60	0.07	-552.50	0.0	4.445e+04	-5649.83	122.96	1.534e+04	2736.35	6.591e+05
		3.150e+05	2736.35	-5.75e-04	-153.78	92.1	4.445e+04	-6202.33	-30.82	1.534e+04	6978.35	3.150e+05
276	309	6.502e+05	5666.72	0.06	-552.50	0.0	3.921e+04	-5103.90	31.30	85.75	2784.16	6.502e+05
		3.369e+05	2784.16	-4.31e-04	0.0	92.1	3.921e+04	-5656.40	31.30	85.75	5666.72	3.369e+05
276	319	5.922e+05	5944.82	0.06	-552.50	0.0	4.053e+04	-5075.72	31.91	-339.67	3006.85	5.922e+05
		2.784e+05	3006.85	-2.61e-04	0.0	92.1	4.053e+04	-5628.22	31.91	-339.67	5944.82	2.784e+05
276	322	1.760e+06	4671.09	0.15	-552.50	0.0	8.165e+04	-1.364e+04	48.93	3.771e+04	165.65	1.760e+06
		9.404e+05	165.65	-1.66e-03	0.0	92.1	8.165e+04	-1.419e+04	48.93	3.771e+04	4671.09	9.404e+05
276	323	6.026e+05	6663.55	0.06	-552.50	0.0	4.012e+04	-5077.11	33.80	-838.62	3551.35	6.026e+05
		2.913e+05	3551.35	-2.57e-04	0.0	92.1	4.012e+04	-5629.61	33.80	-838.62	6663.55	2.913e+05
276	324	6.502e+05	5666.72	0.06	-552.50	0.0	3.921e+04	-5103.90	31.30	85.75	2784.16	6.502e+05
		3.369e+05	2784.16	-4.31e-04	0.0	92.1	3.921e+04	-5656.40	31.30	85.75	5666.72	3.369e+05
276	325	7.833e+05	6419.69	0.08	-552.50	0.0	3.150e+04	-5473.14	33.98	-6810.76	2320.98	7.833e+05
		4.333e+05	2320.98	7.13e-04	0.0	92.1	3.150e+04	-6025.64	33.98	-6810.76	6419.69	4.333e+05
276	328	5.172e+05	4913.76	0.05	-552.50	0.0	4.693e+04	-4734.65	28.63	6982.27	3247.35	5.172e+05
		2.405e+05	3247.35	-1.58e-03	0.0	92.1	4.693e+04	-5287.15	28.63	6982.27	4913.76	2.405e+05
276	341	7.524e+05	6903.41	0.07	-552.50	0.0	3.220e+04	-4727.54	16.81	-1.691e+04	4235.85	7.524e+05
		3.927e+05	4235.85	3.28e-03	0.0	92.1	3.220e+04	-5280.04	16.81	-1.691e+04	6903.41	3.927e+05
276	346	6.155e+05	4669.87	0.06	-552.50	0.0	4.256e+04	-5797.12	50.37	1.591e+04	737.49	6.155e+05
		3.333e+05	737.49	-4.13e-03	0.0	92.1	4.256e+04	-6349.62	50.37	1.591e+04	4669.87	3.333e+05
276	357	7.098e+05	6067.67	0.07	-552.50	0.0	3.578e+04	-5354.34	33.34	-1444.18	2614.21	7.098e+05
		3.838e+05	2614.21	-1.63e-04	0.0	92.1	3.578e+04	-5906.84	33.34	-1444.18	6067.67	3.838e+05
276	360	5.907e+05	5265.77	0.06	-552.50	0.0	4.264e+04	-4853.46	29.27	1615.69	2954.12	5.907e+05
		2.900e+05	2954.12	-7.36e-04	0.0	92.1	4.264e+04	-5405.96	29.27	1615.69	5265.77	2.900e+05
276	361	7.124e+05	5986.76	0.07	-552.50	0.0	3.584e+04	-5361.67	33.99	-1252.05	2428.24	7.124e+05
		3.848e+05	2428.24	-2.76e-04	0.0	92.1	3.584e+04	-5914.17	33.99	-1252.05	5986.76	3.848e+05
276	364	5.880e+05	5346.69	0.06	-552.50	0.0	4.259e+04	-4846.12	28.62	1423.56	3140.09	5.880e+05
		2.889e+05	3140.09	-5.92e-04	0.0	92.1	4.259e+04	-5398.62	28.62	1423.56	5346.69	2.889e+05
276	373	6.731e+05	6355.67	0.07	-552.50	0.0	3.723e+04	-5119.47	26.27	-1952.50	3739.90	6.731e+05
		3.577e+05	3739.90	5.38e-04	0.0	92.1	3.723e+04	-5671.97	26.27	-1952.50	6355.67	3.577e+05
276	378	6.620e+05	5100.12	0.06	-552.50	0.0	3.935e+04	-5249.86	38.65	1526.25	1626.01	6.620e+05
		3.427e+05	1526.01	-1.39e-03	0.0	92.1	3.935e+04	-5802.36	38.65	1526.25	5100.12	3.427e+05
277	105	4.868e+06	5.058e+04	-0.25	-745.87	0.0	2.072e+05	2.198e+04	739.19	-8.023e+04	-1.748e+04	3.587e+06
		3.587e+06	-1.748e+04	-4.70e-04	0.0	92.1	2.072e+05	2.124e+04	739.19	-8.023e+04	5.058e+04	4.868e+06
277	113	2.778e+06	5.830e+04	-0.21	-745.87	0.0	1.291e+05	1.581e+04	704.41	-5.090e+04	-6565.68	1.882e+06
		1.882e+06	-6565.68	-8.44e-04	0.0	92.1	1.291e+05	1.506e+04	704.41	-5.090e+04	5.830e+04	2.778e+06
277	184	7.343e+05	2.831e+04	-0.05	-552.50	0.0	4.107e+04	4006.93	336.08	6116.52	-2632.64	5.171e+05
		5.171e+05	-2632.64	-4.47e-04	0.0	92.1	4.107e+04	3454.43	336.08	6116.52	2.831e+04	7.343e+05
277	206	7.683e+05	2.819e+04	-0.05	-552.50	0.0	4.047e+04	4040.25	327.86	5634.11	-2004.26	5.500e+05
		5.500e+05	-2004.26	-4.87e-04	0.0	92.1	4.047e+04	3487.75	327.86	5634.11	2.819e+04	7.683e+05
277	255	6.837e+05	3.605e+04	-0.04	-552.50	0.0	4.498e+04	4096.66	417.45	9120.86	-2394.50	4.603e+05
		4.603e+05	-2394.50	-6.34e-04	0.0	92.1	4.498e+04	3544.16	417.45	9120.86	3.605e+04	6.837e+05
277	259	3.118e+06	4.197e+04	-0.16	-552.50	0.0	1.282e+05	1.388e+04	573.14	-3.274e+04	-1.081e+04	2.312e+06
		2.312e+06	-1.081e+04	-5.61e-04	0.0	92.1	1.282e+05	1.332e+04	573.14	-3.274e+04	4.197e+04	3.118e+06
277	263	2.041e+06	4.201e+04	-0.16	-552.50	0.0	9.458e+04	1.163e+04	507.06	-3.804e+04	-4677.88	1.382e+06
		1.382e+06	-4677.88	-6.11e-04	0.0	92.1	9.458e+04	1.108e+04	507.06	-3.804e+04	4.201e+04	2.041e+06
277	287	7.754e+05	3.335e+04	-0.05	-552.50	0.0	4.195e+04	4079.74	396.44	6908.95	-3155.61	5.556e+05
		5.556e+05	-3155.61	-5.49e-04	0.0	92.1	4.195e+04	3527.24	396.44	6908.95	3.335e+04	7.754e+05
277	310	7.921e+05	3.256e+04	-0.05	-552.50	0.0	4.177e+04	4103.62	388.68	6111.03	-3232.38	5.705e+05
		5.705e+05	-3232.38	-5.17e-04	0.0	92.1	4.177e+04	3551.12	388.68	6111.03	3.256e+04	7.921e+05
277	322	7.184e+05	3.564e+04	-0.05	-552.50	0.0	4.402e+04	4105.47	410.36	8587.29	-2146.47	4.958e+05
		4.958e+05	-2146.47	-6.52e-04	0.0	92.1	4.402e+04	3552.97	410.36	8587.29	3.564e+04	7.184e+05
277	323	2.544e+06	4.008e+04	-0.13	-552.50	0.0	1.064e+05	1.144e+04	527.13	-2.281e+04	-8456.68	1.884e+06
		1.884e+06	-8456.68	-5.97e-04	0.0	92.1	1.064e+05	1.089e+04	527.13	-2.281e+04	4.008e+04	2.544e+06
277	324	7.903e+05	3.317e+04	-0.05	-552.50	0.0	4.184e+04	4109.22	390.52	6447.65	-2785.31	5.692e+05
		5.692e+05	-2785.31	-5.65e-04	0.0	92.1	4.184e+04	3556.72	390.52	6447.65	3.317e+04	7.903e+05
277	333	1.067e+06	2.925e+04	-0.07	-552.50	0.0	2.761e+04	4976.14	317.71	6385.12	117.28	7.620e+05
		7.620e+05	117.28	-7.35e-04	0.0	92.1	2.761e+04	4423.64	317.71	6385.12	2.925e+04	1.067e+06
277	335	5.316e+05	4.000e+04	-0.03	-552.50	0.0	5.407e+04	3356.02	475.46	9605.05	-3720.78	3.569e+05
		3.569e+05	-3720.78	-7.08e-04	0.0	92.1	5.407e+04	2803.52	475.46	9605.05	4.000e+04	5.316e+05
277	336	5.137e+05	3.710e+04	-0.03	-552.50	0.0	5.607e+04	3242.31	463.33	6510.19	-5687.91	3.764e+05
		3.764e+05	-5687.91	-4.13e-04	0.0	92.1	5.607e+04	2689.81	463.33	6510.19	3.710e+04	5.137e+05

277	344	6.804e+05	2.994e+04	-0.04	-552.50	0.0	4.910e+04	3678.52	393.96	1761.00	-6643.63	5.411e+05
		5.411e+05	-6643.63	2.23e-04	0.0	92.1	4.910e+04	3126.02	393.96	1761.00	2.994e+04	6.804e+05
277	366	9.304e+05	2.985e+04	-0.06	-552.50	0.0	3.477e+04	4503.09	346.88	5168.06	-2078.54	6.749e+05
		6.749e+05	-2078.54	-5.24e-04	0.0	92.1	3.477e+04	3950.59	346.88	5168.06	2.985e+04	9.304e+05
277	367	6.503e+05	3.650e+04	-0.04	-552.50	0.0	4.891e+04	3715.36	434.16	7727.25	-3492.09	4.635e+05
		4.635e+05	-3492.09	-6.07e-04	0.0	92.1	4.891e+04	3162.86	434.16	7727.25	3.650e+04	6.503e+05
277	370	9.305e+05	2.992e+04	-0.06	-552.50	0.0	3.496e+04	4509.68	347.86	5278.10	-2103.42	6.758e+05
		6.758e+05	-2103.42	-5.29e-04	0.0	92.1	3.496e+04	3957.18	347.86	5278.10	2.992e+04	9.305e+05
277	371	6.502e+05	3.643e+04	-0.04	-552.50	0.0	4.873e+04	3708.76	433.18	7617.21	-3467.21	4.626e+05
		4.626e+05	-3467.21	-6.02e-04	0.0	92.1	4.873e+04	3156.26	433.18	7617.21	3.643e+04	6.502e+05
277	384	7.574e+05	3.223e+04	-0.05	-552.50	0.0	4.328e+04	3943.08	393.85	5482.65	-4066.21	5.459e+05
		5.459e+05	-4066.21	-4.32e-04	0.0	92.1	4.328e+04	3390.58	393.85	5482.65	3.223e+04	7.574e+05
278	104	3.083e+06	917.19	-0.16	-552.50	0.0	1.299e+05	1.360e+04	-1054.65	-7.600e+04	917.19	2.288e+06
		2.288e+06	-9.620e+04	1.43e-03	0.0	92.1	1.299e+05	1.305e+04	-1054.65	-7.600e+04	-9.620e+04	3.083e+06
278	105	4.406e+06	-361.65	-0.23	-745.87	0.0	1.884e+05	1.944e+04	-1533.93	-1.225e+05	-361.65	3.272e+06
		3.272e+06	-1.416e+05	2.12e-03	0.0	92.1	1.884e+05	1.869e+04	-1533.93	-1.225e+05	-1.416e+05	4.406e+06
278	184	7.330e+05	-588.05	-0.05	-552.50	0.0	4.072e+04	3999.28	-108.77	-4905.15	-588.05	5.105e+05
		5.105e+05	-1.060e+04	1.02e-04	0.0	92.1	4.072e+04	3446.78	-108.77	-4905.15	-1.060e+04	7.330e+05
278	206	7.657e+05	138.36	-0.05	-552.50	0.0	3.989e+04	4003.83	-111.60	-5068.70	138.36	5.431e+05
		5.431e+05	-1.014e+04	-7.34e-05	0.0	92.1	3.989e+04	3451.33	-111.60	-5068.70	-1.014e+04	7.657e+05
278	255	6.939e+05	268.33	-0.04	-552.50	0.0	4.383e+04	4175.15	-113.87	-4709.81	268.33	4.591e+05
		4.591e+05	-1.022e+04	-1.18e-04	0.0	92.1	4.383e+04	3622.65	-113.87	-4709.81	-1.022e+04	6.939e+05
278	259	2.890e+06	2367.58	-0.15	-552.50	0.0	1.190e+05	1.282e+04	-929.09	-5.912e+04	2367.58	2.137e+06
		2.137e+06	-8.319e+04	1.16e-03	0.0	92.1	1.190e+05	1.226e+04	-929.09	-5.912e+04	-8.319e+04	2.890e+06
278	287	7.759e+05	-455.40	-0.05	-552.50	0.0	4.120e+04	4140.59	-102.79	-5525.94	-455.40	5.440e+05
		5.440e+05	-9920.56	-7.55e-05	0.0	92.1	4.120e+04	3588.09	-102.79	-5525.94	-9920.56	7.759e+05
278	310	7.900e+05	-538.78	-0.05	-552.50	0.0	4.093e+04	4152.26	-112.23	-6272.56	-538.78	5.573e+05
		5.573e+05	-1.087e+04	9.23e-05	0.0	92.1	4.093e+04	3599.76	-112.23	-6272.56	-1.087e+04	7.900e+05
278	322	7.264e+05	590.54	-0.05	-552.50	0.0	4.285e+04	4166.10	-109.53	-4751.64	590.54	4.925e+05
		4.925e+05	-9495.45	-1.58e-04	0.0	92.1	4.285e+04	3613.60	-109.53	-4751.64	-9495.45	7.264e+05
278	323	2.374e+06	2164.98	-0.12	-552.50	0.0	9.922e+04	1.065e+04	-720.95	-4.556e+04	2164.98	1.751e+06
		1.751e+06	-6.422e+04	8.40e-04	0.0	92.1	9.922e+04	1.009e+04	-720.95	-4.556e+04	-6.422e+04	2.374e+06
278	324	7.894e+05	-29.94	-0.05	-552.50	0.0	4.093e+04	4150.11	-107.99	-5902.09	-29.94	5.570e+05
		5.570e+05	-9973.75	-9.73e-05	0.0	92.1	4.093e+04	3597.61	-107.99	-5902.09	-9973.75	7.894e+05
278	333	1.049e+06	1482.77	-0.07	-552.50	0.0	2.759e+04	3363.32	-118.43	-6646.26	1482.77	7.612e+05
		7.612e+05	-9842.15	-3.27e-04	0.0	92.1	2.759e+04	2810.82	-118.43	-6646.26	-9842.15	1.049e+06
278	334	1.055e+06	-478.86	-0.07	-552.50	0.0	2.824e+04	3394.74	-141.14	-9855.80	-478.86	7.552e+05
		7.552e+05	-1.310e+04	1.71e-04	0.0	92.1	2.824e+04	2842.24	-141.14	-9855.80	-1.310e+04	1.055e+06
278	336	5.294e+05	-1542.64	-0.03	-552.50	0.0	5.428e+04	4936.91	-97.54	-5157.91	-1542.64	3.529e+05
		3.529e+05	-1.011e+04	1.98e-04	0.0	92.1	5.428e+04	4384.41	-97.54	-5157.91	-1.011e+04	5.294e+05
278	341	8.582e+05	3410.07	-0.06	-552.50	0.0	3.595e+04	3866.84	-76.37	-1207.72	3410.07	6.273e+05
		6.273e+05	-4969.22	-7.43e-04	0.0	92.1	3.595e+04	3314.34	-76.37	-1207.72	-4969.22	8.582e+05
278	346	8.783e+05	-3139.76	-0.05	-552.50	0.0	3.812e+04	3971.17	-152.37	-1.196e+04	-3139.76	6.073e+05
		6.073e+05	-1.584e+04	5.65e-04	0.0	92.1	3.812e+04	3418.67	-152.37	-1.196e+04	-1.584e+04	8.783e+05
278	366	9.254e+05	-59.39	-0.06	-552.50	0.0	3.422e+04	3760.09	-123.17	-7461.39	-59.39	6.610e+05
		6.610e+05	-1.137e+04	8.33e-05	0.0	92.1	3.422e+04	3207.59	-123.17	-7461.39	-1.137e+04	9.254e+05
278	367	6.534e+05	-0.48	-0.04	-552.50	0.0	4.764e+04	4540.13	-92.81	-4342.79	-0.48	4.531e+05
		4.531e+05	-8581.01	-1.38e-04	0.0	92.1	4.764e+04	3987.63	-92.81	-4342.79	-8581.01	6.534e+05
278	371	6.534e+05	-11.22	-0.04	-552.50	0.0	4.750e+04	4540.79	-93.62	-4437.74	-11.22	4.529e+05
		4.529e+05	-8645.16	-1.30e-04	0.0	92.1	4.750e+04	3988.29	-93.62	-4437.74	-8645.16	6.534e+05
278	373	8.276e+05	1066.85	-0.05	-552.50	0.0	3.931e+04	4021.25	-97.83	-5056.72	1066.85	5.867e+05
		5.867e+05	-8094.68	-2.97e-04	0.0	92.1	3.931e+04	3468.75	-97.83	-5056.72	-8094.68	8.276e+05
278	378	8.323e+05	-957.23	-0.05	-552.50	0.0	3.860e+04	4043.18	-124.70	-7444.95	-957.23	5.895e+05
		5.895e+05	-1.230e+04	1.90e-04	0.0	92.1	3.860e+04	3490.68	-124.70	-7444.95	-1.230e+04	8.323e+05
279	105	4.047e+06	3.551e+04	-0.21	-745.87	0.0	1.701e+05	1.835e+04	687.44	-6.845e+04	-2.780e+04	2.951e+06
		2.951e+06	-2.780e+04	7.98e-04	0.0	92.1	1.701e+05	1.761e+04	687.44	-6.845e+04	3.551e+04	4.047e+06
279	106	3.744e+06	3.220e+04	-0.19	-552.50	0.0	1.546e+05	1.673e+04	653.81	-7.147e+04	-2.800e+04	2.740e+06
		2.740e+06	-2.800e+04	7.37e-04	0.0	92.1	1.546e+05	1.618e+04	653.81	-7.147e+04	3.220e+04	3.744e+06
279	146	7.313e+05	7894.13	-0.05	-552.50	0.0	4.073e+04	3992.79	95.99	3789.09	-945.03	5.096e+05
		5.096e+05	-945.03	1.95e-04	0.0	92.1	4.073e+04	3440.29	95.99	3789.09	7894.13	7.313e+05
279	206	7.657e+05	1.014e+04	-0.05	-552.50	0.0	3.989e+04	4003.83	111.60	5068.69	-138.36	5.431e+05
		5.431e+05	-138.36	7.34e-05	0.0	92.1	3.989e+04	3451.33	111.60	5068.69	1.014e+04	7.657e+05
279	255	7.011e+05	9364.64	-0.04	-552.50	0.0	4.335e+04	4149.96	94.62	6563.97	652.12	4.694e+05
		4.694e+05	652.12	6.55e-05	0.0	92.1	4.335e+04	3597.46	94.62	6563.97	9364.64	7.011e+05
279	259	2.701e+06	3.316e+04	-0.14	-552.50	0.0	1.106e+05	1.211e+04	542.15	-2.372e+04	-1.676e+04	1.980e+06
		1.980e+06	-1.676e+04	3.42e-04	0.0	92.1	1.106e+05	1.156e+04	542.15	-2.372e+04	3.316e+04	2.701e+06
279	268	7.748e+05	8121.81	-0.05	-552.50	0.0	4.120e+04	4136.29	94.31	4784.98	-562.28	5.434e+05
		5.434e+05	-562.28	1.94e-04	0.0	92.1	4.120e+04	3583.79	94.31	4784.98	8121.81	7.748e+05
279	309	7.894e+05	9973.74	-0.05	-552.50	0.0	4.093e+04	4150.11	107.99	5902.08	29.93	5.570e+05
		5.570e+05	29.93	9.73e-05	0.0	92.1	4.093e+04	3597.61	107.99	5902.08	9973.74	7.894e+05
279	322	7.326e+05	1.021e+04	-0.05	-552.50	0.0	4.248e+04	4150.44	101.46	6697.97	863.05	5.007e+05
		5.007e+05	863.05	-9.33e-05	0.0	92.1	4.248e+04	3597.94	101.46	6697.97	1.021e+04	7.326e+05
279	323	2.233e+06	2.806e+04	-0.12	-552.50	0.0	9.295e+04	1.012e+04	437.11	-1.601e+04	-1.219e+04	1.634e+06
		1.634e+06	-1.219e+04	2.37e-04	0.0	92.1	9.295e+04	9571.20	437.11	-1.601e+04	2.806e+04	2.233e+06
279	324	7.894e+05	9973.74	-0.05	-552.50	0.0	4.093e+04	4150.11	107.99	5902.08	29.93	5.570e+05
		5.570e+05	29.93	9.73e-05	0.0	92.1	4.093e+04	3597.61	107.99	5902.08	9973.74	7.894e+05
279	325	1.055e+06	1.313e+04	-0.07	-552.50	0.0	2.821e+04	3393.52	141.36	9851.62	442.41	7.557e+05

		7.557e+05	442.41	-1.72e-04	0.0	92.1	2.821e+04	2841.02	141.36	9851.62	1.313e+04	1.055e+06
279	326	1.050e+06	9805.08	-0.07	-552.50	0.0	2.762e+04	3364.54	118.21	6650.42	-1446.33	7.606e+05
		7.606e+05	-1446.33	3.29e-04	0.0	92.1	2.762e+04	2812.04	118.21	6650.42	9805.08	1.050e+06
279	327	5.290e+05	1.014e+04	-0.03	-552.50	0.0	5.424e+04	4935.68	97.77	5153.74	1506.20	3.534e+05
		3.534e+05	1506.20	-1.99e-04	0.0	92.1	5.424e+04	4383.18	97.77	5153.74	1.014e+04	5.290e+05
279	341	8.769e+05	1.597e+04	-0.05	-552.50	0.0	3.801e+04	3967.09	153.12	1.194e+04	3018.27	6.092e+05
		6.092e+05	3018.27	-5.70e-04	0.0	92.1	3.801e+04	3414.59	153.12	1.194e+04	1.597e+04	8.769e+05
279	346	8.596e+05	4845.65	-0.06	-552.50	0.0	3.606e+04	3870.92	75.62	1221.60	-3288.59	6.255e+05
		6.255e+05	-3288.59	7.48e-04	0.0	92.1	3.606e+04	3318.42	75.62	1221.60	4845.65	8.596e+05
279	357	9.254e+05	1.137e+04	-0.06	-552.50	0.0	3.422e+04	3760.09	123.17	7461.38	59.39	6.610e+05
		6.610e+05	59.39	-8.33e-05	0.0	92.1	3.422e+04	3207.59	123.17	7461.38	1.137e+04	9.254e+05
279	360	6.534e+05	8581.00	-0.04	-552.50	0.0	4.764e+04	4540.13	92.81	4342.78	0.48	4.531e+05
		4.531e+05	0.48	1.38e-04	0.0	92.1	4.764e+04	3987.63	92.81	4342.78	8581.00	6.534e+05
279	364	6.534e+05	8645.16	-0.04	-552.50	0.0	4.750e+04	4540.79	93.62	4437.73	11.22	4.529e+05
		4.529e+05	11.22	1.30e-04	0.0	92.1	4.750e+04	3988.29	93.62	4437.73	8645.16	6.534e+05
279	373	8.323e+05	1.230e+04	-0.05	-552.50	0.0	3.860e+04	4043.18	124.70	7444.95	957.22	5.895e+05
		5.895e+05	957.22	-1.90e-04	0.0	92.1	3.860e+04	3490.68	124.70	7444.95	1.230e+04	8.323e+05
279	378	8.276e+05	8094.67	-0.05	-552.50	0.0	3.931e+04	4021.25	97.83	5056.71	-1066.85	5.867e+05
		5.867e+05	-1066.85	2.97e-04	0.0	92.1	3.931e+04	3468.75	97.83	5056.71	8094.67	8.276e+05
280	105	3.660e+06	-4061.50	-0.20	-745.87	0.0	1.543e+05	1.658e+04	-1566.23	-1.139e+05	-4061.50	2.706e+06
		2.706e+06	-1.483e+05	3.09e-03	0.0	92.1	1.543e+05	1.583e+04	-1566.23	-1.139e+05	-1.483e+05	3.660e+06
280	146	7.289e+05	1285.68	-0.05	-552.50	0.0	4.130e+04	4023.81	-341.63	-7130.47	1285.68	5.131e+05
		5.131e+05	-3.017e+04	5.96e-04	0.0	92.1	4.130e+04	3471.31	-341.63	-7130.47	-3.017e+04	7.289e+05
280	181	1.048e+06	4265.65	-0.07	-745.87	0.0	5.778e+04	5584.49	-512.82	-1.166e+04	4265.65	7.480e+05
		7.480e+05	-5.358e+04	8.59e-04	-230.67	92.1	5.778e+04	4838.61	-743.49	-1.166e+04	-5.358e+04	1.048e+06
280	206	7.683e+05	2004.26	-0.05	-552.50	0.0	4.047e+04	4040.25	-327.86	-5634.11	2004.26	5.500e+05
		5.500e+05	-2.819e+04	4.87e-04	0.0	92.1	4.047e+04	3487.75	-327.86	-5634.11	-2.819e+04	7.683e+05
280	243	7.003e+05	2370.66	-0.05	-552.50	0.0	4.420e+04	4102.39	-409.35	-8013.47	2370.66	4.800e+05
		4.800e+05	-3.532e+04	6.58e-04	0.0	92.1	4.420e+04	3549.89	-409.35	-8013.47	-3.532e+04	7.003e+05
280	255	7.062e+05	3417.34	-0.05	-552.50	0.0	4.352e+04	4090.39	-400.37	-6312.76	3417.34	4.888e+05
		4.888e+05	-3.345e+04	5.37e-04	0.0	92.1	4.352e+04	3537.89	-400.37	-6312.76	-3.345e+04	7.062e+05
280	259	2.516e+06	-988.64	-0.13	-552.50	0.0	1.041e+05	1.125e+04	-951.69	-5.214e+04	-988.64	1.869e+06
		1.869e+06	-8.862e+04	1.79e-03	0.0	92.1	1.041e+05	1.070e+04	-951.69	-5.214e+04	-8.862e+04	2.516e+06
280	268	7.718e+05	2261.46	-0.05	-552.50	0.0	4.210e+04	4090.94	-400.13	-7582.19	2261.46	5.529e+05
		5.529e+05	-3.458e+04	6.48e-04	0.0	92.1	4.210e+04	3538.44	-400.13	-7582.19	-3.458e+04	7.718e+05
280	289	1.941e+06	-2010.83	-0.15	-552.50	0.0	8.640e+04	1.093e+04	-897.21	-7.214e+04	-2010.83	1.321e+06
		1.321e+06	-8.888e+04	2.08e-03	-92.27	92.1	8.640e+04	1.038e+04	-989.48	-7.214e+04	-8.888e+04	1.941e+06
280	309	7.903e+05	2785.31	-0.05	-552.50	0.0	4.184e+04	4109.22	-390.52	-6447.65	2785.31	5.692e+05
		5.692e+05	-3.317e+04	5.65e-04	0.0	92.1	4.184e+04	3556.72	-390.52	-6447.65	-3.317e+04	7.903e+05
280	319	7.335e+05	2799.20	-0.05	-552.50	0.0	4.332e+04	4101.37	-401.52	-7251.81	2799.20	5.126e+05
		5.126e+05	-3.417e+04	5.95e-04	0.0	92.1	4.332e+04	3548.87	-401.52	-7251.81	-3.417e+04	7.335e+05
280	322	7.379e+05	3584.21	-0.05	-552.50	0.0	4.280e+04	4092.37	-394.79	-5976.28	3584.21	5.192e+05
		5.192e+05	-3.277e+04	5.06e-04	0.0	92.1	4.280e+04	3539.87	-394.79	-5976.28	-3.277e+04	7.379e+05
280	323	2.095e+06	279.73	-0.11	-552.50	0.0	8.825e+04	9465.60	-808.28	-4.035e+04	279.73	1.554e+06
		1.554e+06	-7.415e+04	1.44e-03	0.0	92.1	8.825e+04	8913.10	-808.28	-4.035e+04	-7.415e+04	2.095e+06
280	324	7.903e+05	2785.31	-0.05	-552.50	0.0	4.184e+04	4109.22	-390.52	-6447.65	2785.31	5.692e+05
		5.692e+05	-3.317e+04	5.65e-04	0.0	92.1	4.184e+04	3556.72	-390.52	-6447.65	-3.317e+04	7.903e+05
280	326	1.067e+06	-32.41	-0.07	-552.50	0.0	2.763e+04	4975.23	-320.26	-6428.61	-32.41	7.628e+05
		7.628e+05	-2.942e+04	7.38e-04	0.0	92.1	2.763e+04	4422.73	-320.26	-6428.61	-2.942e+04	1.067e+06
280	327	5.139e+05	5603.04	-0.03	-552.50	0.0	5.605e+04	3243.22	-460.78	-6466.70	5603.04	5.139e+05
		5.139e+05	-3.693e+04	4.10e-04	0.0	92.1	5.605e+04	2690.72	-460.78	-6466.70	-3.693e+04	5.139e+05
280	328	5.314e+05	3805.65	-0.03	-552.50	0.0	5.409e+04	3355.11	-478.02	-9648.54	3805.65	3.577e+05
		3.577e+05	-4.017e+04	7.11e-04	0.0	92.1	5.409e+04	2802.61	-478.02	-9648.54	-4.017e+04	5.314e+05
280	344	7.392e+05	365.37	-0.05	-552.50	0.0	4.254e+04	4052.69	-442.92	-1.223e+04	365.37	4.786e+05
		4.786e+05	-4.020e+04	1.10e-03	0.0	92.1	4.254e+04	3500.19	-442.92	-1.223e+04	-4.020e+04	7.392e+05
280	347	6.812e+05	6360.73	-0.04	-552.50	0.0	4.904e+04	3681.56	-385.44	-1616.02	6360.73	5.385e+05
		5.385e+05	-2.937e+04	-2.31e-04	0.0	92.1	4.904e+04	3129.06	-385.44	-1616.02	-2.937e+04	6.812e+05
280	357	9.304e+05	2078.54	-0.06	-552.50	0.0	3.477e+04	4503.09	-346.88	-5168.06	2078.54	6.792e+05
		6.792e+05	-2.985e+04	5.24e-04	0.0	92.1	3.477e+04	3950.59	-346.88	-5168.06	-2.985e+04	9.304e+05
280	360	6.503e+05	3492.09	-0.04	-552.50	0.0	4.891e+04	3715.36	-434.16	-7727.25	3492.09	4.635e+05
		4.635e+05	-3.650e+04	6.07e-04	0.0	92.1	4.891e+04	3162.86	-434.16	-7727.25	-3.650e+04	6.503e+05
280	361	9.305e+05	2103.42	-0.06	-552.50	0.0	3.496e+04	4509.68	-347.86	-5278.10	2103.42	6.758e+05
		6.758e+05	-2.992e+04	5.29e-04	0.0	92.1	3.496e+04	3957.18	-347.86	-5278.10	-2.992e+04	9.305e+05
280	364	6.502e+05	3467.21	-0.04	-552.50	0.0	4.873e+04	3708.76	-433.18	-7617.21	3467.21	4.626e+05
		4.626e+05	-3.643e+04	6.02e-04	0.0	92.1	4.873e+04	3156.26	-433.18	-7617.21	-3.643e+04	6.502e+05
280	387	7.574e+05	4066.21	-0.05	-552.50	0.0	4.328e+04	3943.09	-393.85	-5482.64	4066.21	5.459e+05
		5.459e+05	-3.223e+04	4.32e-04	0.0	92.1	4.328e+04	3390.59	-393.85	-5482.64	-3.223e+04	7.574e+05
281	73	3.881e+05	6.882e+04	0.06	-324.00	0.0	-8733.63	-610.05	-1720.40	1.822e+04	6.882e+04	3.881e+05
		4.582e+04	0.07	-8.58e-04	0.0	40.0	-8733.63	-934.05	-1720.40	1.822e+04	0.07	4.582e+04
281	105	3.965e+05	6.774e+04	0.15	-324.00	0.0	-8968.06	-570.34	-1693.58	2.062e+04	6.774e+04	3.965e+05
		4.791e+04	0.08	-9.40e-04	0.0	40.0	-8968.06	-894.34	-1693.58	2.062e+04	0.08	4.791e+04
281	206	1.333e+05	2.435e+04	0.03	-240.00	0.0	-2987.49	-130.50	-608.80	4759.32	2.435e+04	1.333e+05
		1.465e+04	0.02	-1.86e-04	0.0	40.0	-2987.49	-370.50	-608.80	4759.32	0.02	1.465e+04
281	270	2.802e+05	4.747e+04	0.12	-240.00	0.0	-6287.79	-389.79	-1206.78	1.490e+04	4.747e+04	2.802e+05
		3.353e+04	0.06	-6.41e-04	40.08	40.0	-6287.79	-629.79	-1166.70	1.490e+04	0.06	3.353e+04
281	287	1.501e+05	2.824e+04	0.03	-240.00	0.0	-3361.15	-167.65	-706.04	5747.16	2.824e+04	1.501e+05
		1.699e+04	0.02	-2.64e-04	0.0	40.0	-3361.15	-407.65	-706.04	5747.16	0.02	1.699e+04

281	309	1.373e+05	2.579e+04	0.03	-240.00	0.0	-3090.25	-123.51	-644.71	4640.73	2.579e+04	1.373e+05
		1.530e+04	0.02	-1.97e-04	0.0	40.0	-3090.25	-363.51	-644.71	4640.73	0.02	1.530e+04
281	311	2.053e+05	3.463e+04	0.10	-240.00	0.0	-4582.40	-260.90	-865.85	9610.67	3.463e+04	2.053e+05
		2.354e+04	0.03	-3.63e-04	0.0	40.0	-4582.40	-500.90	-865.85	9610.67	0.03	2.354e+04
281	324	1.373e+05	2.579e+04	0.03	-240.00	0.0	-3090.25	-123.51	-644.71	4640.73	2.579e+04	1.373e+05
		1.530e+04	0.02	-1.97e-04	0.0	40.0	-3090.25	-363.51	-644.71	4640.73	0.02	1.530e+04
281	325	1.261e+05	1.663e+04	0.04	-240.00	0.0	-2876.26	-62.34	-415.83	-489.36	1.663e+04	1.261e+05
		6391.13	-3.57e-03	4.01e-04	0.0	40.0	-2876.26	-302.34	-415.83	-489.36	-3.57e-03	6391.13
281	344	1.499e+05	3.799e+04	0.03	-240.00	0.0	-3323.06	-208.71	-949.63	9382.32	3.799e+04	1.499e+05
		2.487e+04	0.04	-7.63e-04	0.0	40.0	-3323.06	-448.71	-949.63	9382.32	0.04	2.487e+04
281	345	1.245e+05	1.368e+04	0.04	-240.00	0.0	-2855.95	-37.68	-341.89	-65.71	1.368e+04	1.245e+05
		5645.13	-1.37e-03	3.65e-04	0.0	40.0	-2855.95	-277.68	-341.89	-65.71	-1.37e-03	5645.13
281	348	1.500e+05	3.790e+04	0.03	-240.00	0.0	-3324.55	-209.33	-947.52	9347.16	3.790e+04	1.500e+05
		2.495e+04	0.04	-7.60e-04	0.0	40.0	-3324.55	-449.33	-947.52	9347.16	0.04	2.495e+04
281	357	1.318e+05	2.142e+04	0.04	-240.00	0.0	-2984.12	-95.45	-535.46	2184.70	2.142e+04	1.318e+05
		1.088e+04	7.39e-03	9.83e-05	0.0	40.0	-2984.12	-335.45	-535.46	2184.70	7.39e-03	1.088e+04
281	376	1.432e+05	3.114e+04	0.03	-240.00	0.0	-3203.13	-157.89	-778.42	6642.28	3.114e+04	1.432e+05
		1.996e+04	0.03	-4.66e-04	0.0	40.0	-3203.13	-397.89	-778.42	6642.28	0.03	1.996e+04
281	377	1.312e+05	2.048e+04	0.03	-240.00	0.0	-2976.68	-88.83	-512.05	2656.90	2.048e+04	1.312e+05
		1.060e+04	8.75e-03	6.93e-05	0.0	40.0	-2976.68	-328.83	-512.05	2656.90	8.75e-03	1.060e+04
281	380	1.433e+05	3.109e+04	0.03	-240.00	0.0	-3203.82	-158.19	-777.36	6624.56	3.109e+04	1.433e+05
		2.000e+04	0.03	-4.64e-04	0.0	40.0	-3203.82	-398.19	-777.36	6624.56	0.03	2.000e+04
282	97	3.861e+05	-0.02	0.05	-324.00	0.0	-8343.49	-908.06	1241.26	-3172.62	-4.965e+04	3.861e+05
		4.852e+04	-4.965e+04	4.84e-04	0.0	40.0	-8343.49	-1232.06	1241.26	-3172.62	-0.02	4.852e+04
282	105	3.774e+05	-8.49e-03	0.14	-324.00	0.0	-8074.34	-890.18	1303.47	2100.80	-5.214e+04	3.774e+05
		4.589e+04	-5.214e+04	3.00e-04	0.0	40.0	-8074.34	-1214.18	1303.47	2100.80	-8.49e-03	4.589e+04
282	128	3.018e+05	-3.47e-04	0.14	-240.00	0.0	-6449.22	-686.45	1075.67	4763.24	-4.303e+04	3.018e+05
		3.612e+04	-4.303e+04	1.49e-04	0.0	40.0	-6449.22	-926.45	1075.67	4763.24	-3.47e-04	3.612e+04
282	206	1.367e+05	-9.30e-03	0.03	-240.00	0.0	-2978.15	-236.10	394.93	-2606.31	-1.580e+04	1.367e+05
		1.745e+04	-1.580e+04	2.09e-04	0.0	40.0	-2978.15	-476.10	394.93	-2606.31	-9.30e-03	1.745e+04
282	268	1.537e+05	-8.37e-03	0.03	-240.00	0.0	-3298.09	-323.14	422.93	-1543.14	-1.692e+04	1.537e+05
		1.904e+04	-1.692e+04	2.14e-04	0.0	40.0	-3298.09	-563.14	422.93	-1543.14	-8.37e-03	1.904e+04
282	270	2.621e+05	-2.97e-03	0.12	-240.00	0.0	-5602.11	-587.70	912.68	2798.21	-3.651e+04	2.621e+05
		3.158e+04	-3.651e+04	1.60e-04	0.0	40.0	-5602.11	-827.70	912.68	2798.21	-2.97e-03	3.158e+04
282	287	1.518e+05	-9.40e-03	0.03	-240.00	0.0	-3269.68	-307.94	424.57	-2226.19	-1.698e+04	1.518e+05
		1.906e+04	-1.698e+04	2.24e-04	0.0	40.0	-3269.68	-547.94	424.57	-2226.19	-9.40e-03	1.906e+04
282	289	2.610e+05	-3.59e-03	0.12	-240.00	0.0	-5585.07	-578.58	913.66	2388.38	-3.655e+04	2.610e+05
		3.159e+04	-3.655e+04	1.65e-04	0.0	40.0	-5585.07	-818.58	913.66	2388.38	-3.59e-03	3.159e+04
282	309	1.412e+05	-9.50e-03	0.03	-240.00	0.0	-3058.39	-260.86	409.97	-2562.78	-1.640e+04	1.412e+05
		1.788e+04	-1.640e+04	2.16e-04	0.0	40.0	-3058.39	-500.86	409.97	-2562.78	-9.50e-03	1.788e+04
282	311	1.986e+05	-5.26e-03	0.09	-240.00	0.0	-4235.60	-425.41	670.70	320.12	-2.683e+04	1.986e+05
		2.414e+04	-2.683e+04	1.60e-04	0.0	40.0	-4235.60	-665.41	670.70	320.12	-5.26e-03	2.414e+04
282	324	1.412e+05	-9.50e-03	0.03	-240.00	0.0	-3058.39	-260.86	409.97	-2562.78	-1.640e+04	1.412e+05
		1.788e+04	-1.640e+04	2.16e-04	0.0	40.0	-3058.39	-500.86	409.97	-2562.78	-9.50e-03	1.788e+04
282	326	1.310e+05	-1.76e-03	0.04	-240.00	0.0	-2856.70	-188.08	378.46	913.91	-1.514e+04	1.310e+05
		9529.36	-1.514e+04	-9.66e-05	0.0	40.0	-2856.70	-428.08	378.46	913.91	-1.76e-03	9529.36
282	327	1.515e+05	-0.02	0.02	-240.00	0.0	-3260.08	-333.65	441.49	-6039.48	-1.766e+04	1.515e+05
		2.624e+04	-1.766e+04	5.29e-04	0.0	40.0	-3260.08	-573.65	441.49	-6039.48	-0.02	2.624e+04
282	334	1.310e+05	-1.67e-03	0.04	-240.00	0.0	-2858.19	-186.64	377.59	1069.39	-1.510e+04	1.310e+05
		9576.73	-1.510e+04	-9.79e-05	0.0	40.0	-2858.19	-426.64	377.59	1069.39	-1.67e-03	9576.73
282	341	1.435e+05	-8.22e-03	0.03	-240.00	0.0	-3050.48	-321.29	642.47	-4684.02	-2.570e+04	1.435e+05
		1.789e+04	-2.570e+04	9.06e-05	0.0	40.0	-3050.48	-561.29	642.47	-4684.02	-8.22e-03	1.789e+04
282	358	1.363e+05	-5.67e-03	0.04	-240.00	0.0	-2959.52	-227.44	401.56	-1007.32	-1.606e+04	1.363e+05
		1.379e+04	-1.606e+04	6.20e-05	0.0	40.0	-2959.52	-467.44	401.56	-1007.32	-5.67e-03	1.379e+04
282	359	1.462e+05	-0.01	0.02	-240.00	0.0	-3157.27	-294.29	418.38	-4118.25	-1.674e+04	1.462e+05
		2.198e+04	-1.674e+04	3.74e-04	0.0	40.0	-3157.27	-534.29	418.38	-4118.25	-0.01	2.198e+04
282	366	1.363e+05	-5.63e-03	0.04	-240.00	0.0	-2960.23	-226.70	401.18	-929.12	-1.605e+04	1.363e+05
		1.381e+04	-1.605e+04	6.16e-05	0.0	40.0	-2960.23	-466.70	401.18	-929.12	-5.63e-03	1.381e+04
282	367	1.462e+05	-0.01	0.02	-240.00	0.0	-3156.55	-295.03	418.77	-4196.45	-1.675e+04	1.462e+05
		2.196e+04	-1.675e+04	3.75e-04	0.0	40.0	-3156.55	-535.03	418.77	-4196.45	-0.01	2.196e+04
282	373	1.418e+05	-8.69e-03	0.03	-240.00	0.0	-3047.61	-280.01	503.34	-2979.82	-2.013e+04	1.418e+05
		1.762e+04	-2.013e+04	1.53e-04	0.0	40.0	-3047.61	-520.01	503.34	-2979.82	-8.69e-03	1.762e+04
283	97	3.572e+05	3.573e+04	0.05	-324.00	0.0	-7606.50	-967.33	-893.21	1.086e+04	3.573e+04	3.572e+05
		4.569e+04	0.03	-6.60e-04	0.0	40.0	-7606.50	-1291.33	-893.21	1.086e+04	0.03	4.569e+04
283	117	3.204e+05	3.577e+04	0.05	-324.00	0.0	-6877.94	-781.63	-894.13	8765.80	3.577e+04	3.204e+05
		4.105e+04	0.03	-5.56e-04	0.0	40.0	-6877.94	-1105.63	-894.13	8765.80	0.03	4.105e+04
283	206	1.367e+05	1.580e+04	0.03	-240.00	0.0	-2978.15	-236.10	-394.93	2606.31	1.580e+04	1.367e+05
		1.745e+04	9.30e-03	-2.09e-04	0.0	40.0	-2978.15	-476.10	-394.93	2606.31	9.30e-03	1.745e+04
283	255	2.128e+05	2.482e+04	0.02	-240.00	0.0	-4522.07	-545.20	-620.43	3845.39	2.482e+04	2.128e+05
		2.659e+04	0.01	-3.29e-04	0.0	40.0	-4522.07	-785.20	-620.43	3845.39	0.01	2.659e+04
283	265	2.127e+05	2.533e+04	0.03	-240.00	0.0	-4566.09	-499.46	-633.19	4690.93	2.533e+04	2.127e+05
		2.700e+04	0.02	-3.42e-04	0.0	40.0	-4566.09	-739.46	-633.19	4690.93	0.02	2.700e+04
283	267	1.473e+05	1.820e+04	0.03	-240.00	0.0	-3190.60	-276.26	-455.10	3925.84	1.820e+04	1.473e+05
		1.890e+04	0.01	-2.49e-04	0.0	40.0	-3190.60	-516.26	-455.10	3925.84	0.01	1.890e+04
283	287	1.494e+05	1.797e+04	0.03	-240.00	0.0	-3223.14	-294.05	-449.35	3092.52	1.797e+04	1.494e+05
		1.889e+04	0.01	-2.38e-04	0.0	40.0	-3223.14	-534.05	-449.35	3092.52	0.01	1.889e+04
283	309	1.412e+05	1.640e+04	0.03	-240.00	0.0	-3058.39	-260.86	-409.97	2562.79	1.640e+04	1.412e+05

		1.788e+04	9.50e-03	-2.16e-04	0.0	40.0	-3058.39	-500.86	-409.97	2562.79	9.50e-03	1.788e+04
283	310	1.391e+05	1.693e+04	0.03	-240.00	0.0	-3020.92	-246.32	-423.18	3337.47	1.693e+04	1.391e+05
		1.780e+04	0.01	-2.28e-04	0.0	40.0	-3020.92	-486.32	-423.18	3337.47	0.01	1.780e+04
283	322	1.894e+05	2.150e+04	0.03	-240.00	0.0	-4038.22	-456.39	-537.60	2817.57	2.150e+04	1.894e+05
		2.360e+04	0.01	-2.81e-04	0.0	40.0	-4038.22	-696.39	-537.60	2817.57	0.01	2.360e+04
283	324	1.412e+05	1.640e+04	0.03	-240.00	0.0	-3058.39	-260.86	-409.97	2562.79	1.640e+04	1.412e+05
		1.788e+04	9.50e-03	-2.16e-04	0.0	40.0	-3058.39	-500.86	-409.97	2562.79	9.50e-03	1.788e+04
283	325	1.312e+05	1.503e+04	0.04	-240.00	0.0	-2861.66	-184.54	-375.84	-1122.30	1.503e+04	1.312e+05
		9769.14	1.64e-03	1.01e-04	0.0	40.0	-2861.66	-424.54	-375.84	-1122.30	1.64e-03	9769.14
283	333	1.312e+05	1.507e+04	0.04	-240.00	0.0	-2860.17	-185.98	-376.70	-966.82	1.507e+04	1.312e+05
		9721.78	1.73e-03	9.94e-05	0.0	40.0	-2860.17	-425.98	-376.70	-966.82	1.73e-03	9721.78
283	336	1.513e+05	1.773e+04	0.02	-240.00	0.0	-3256.61	-335.75	-443.25	6092.39	1.773e+04	1.513e+05
		2.604e+04	0.02	-5.32e-04	0.0	40.0	-3256.61	-575.75	-443.25	6092.39	0.02	2.604e+04
283	346	1.430e+05	2.593e+04	0.03	-240.00	0.0	-3038.91	-328.28	-648.33	4860.40	2.593e+04	1.430e+05
		1.725e+04	8.32e-03	-9.72e-05	0.0	40.0	-3038.91	-568.28	-648.33	4860.40	8.32e-03	1.725e+04
283	357	1.363e+05	1.605e+04	0.04	-240.00	0.0	-2960.23	-226.70	-401.18	929.12	1.605e+04	1.363e+05
		1.381e+04	5.63e-03	-6.16e-05	0.0	40.0	-2960.23	-466.70	-401.18	929.12	5.63e-03	1.381e+04
283	360	1.462e+05	1.675e+04	0.02	-240.00	0.0	-3156.55	-295.03	-418.77	4196.45	1.675e+04	1.462e+05
		2.196e+04	0.01	-3.75e-04	0.0	40.0	-3156.55	-535.03	-418.77	4196.45	0.01	2.196e+04
283	365	1.513e+05	1.606e+04	0.04	-240.00	0.0	-2959.51	-227.44	-401.56	1007.33	1.606e+04	1.513e+05
		1.379e+04	5.67e-03	-6.20e-05	0.0	40.0	-2959.51	-467.44	-401.56	1007.33	5.67e-03	1.379e+04
283	368	1.462e+05	1.674e+04	0.02	-240.00	0.0	-3157.27	-294.29	-418.38	4118.25	1.674e+04	1.462e+05
		2.198e+04	0.01	-3.74e-04	0.0	40.0	-3157.27	-534.29	-418.38	4118.25	0.01	2.198e+04
283	378	1.418e+05	2.013e+04	0.03	-240.00	0.0	-3047.60	-280.01	-503.34	2979.83	2.013e+04	1.418e+05
		1.762e+04	8.69e-03	-1.53e-04	0.0	40.0	-3047.60	-520.01	-503.34	2979.83	8.69e-03	1.762e+04
284	97	3.395e+05	-0.04	0.04	-324.00	0.0	-7265.44	-783.65	1489.95	-1.090e+04	-5.960e+04	3.395e+05
		3.427e+04	-5.960e+04	3.42e-04	0.0	40.0	-7265.44	-1107.65	1489.95	-1.090e+04	-0.04	3.427e+04
284	128	1.773e+05	0.04	0.12	-240.00	0.0	-3291.40	-605.22	703.72	2300.32	-2.815e+04	1.773e+05
		7976.74	-2.815e+04	-6.60e-04	0.0	40.0	-3291.40	-845.22	703.72	2300.32	0.04	7976.74
284	132	1.444e+05	0.03	0.09	-240.00	0.0	-2800.83	-391.53	573.82	1337.95	-2.295e+04	1.444e+05
		7797.07	-2.295e+04	-4.78e-04	0.0	40.0	-2800.83	-631.53	573.82	1337.95	0.03	7797.07
284	255	2.081e+05	-0.03	0.02	-240.00	0.0	-4575.04	-380.57	917.77	-7989.86	-3.671e+04	2.081e+05
		2.283e+04	-3.671e+04	3.30e-04	0.0	40.0	-4575.04	-620.57	917.77	-7989.86	-0.03	2.283e+04
284	270	1.695e+05	0.02	0.10	-240.00	0.0	-3310.09	-473.19	715.76	508.62	-2.863e+04	1.695e+05
		1.040e+04	-2.863e+04	-4.22e-04	0.0	40.0	-3310.09	-713.19	715.76	508.62	0.02	1.040e+04
284	272	1.453e+05	0.02	0.08	-240.00	0.0	-2949.55	-315.62	620.52	-226.77	-2.482e+04	1.453e+05
		1.029e+04	-2.482e+04	-2.85e-04	0.0	40.0	-2949.55	-555.62	620.52	-226.77	0.02	1.029e+04
284	311	1.447e+05	7.99e-03	0.08	-240.00	0.0	-2946.76	-303.74	639.37	-1247.08	-2.557e+04	1.447e+05
		1.102e+04	-2.557e+04	-1.88e-04	0.0	40.0	-2946.76	-543.74	639.37	-1247.08	7.99e-03	1.102e+04
284	322	1.875e+05	-0.03	0.03	-240.00	0.0	-4147.09	-301.16	848.86	-7529.50	-3.395e+04	1.875e+05
		2.102e+04	-3.395e+04	3.39e-04	0.0	40.0	-4147.09	-541.16	848.86	-7529.50	-0.03	2.102e+04
284	324	1.373e+05	-0.02	0.03	-240.00	0.0	-3090.25	-123.51	644.71	-4640.72	-2.579e+04	1.373e+05
		1.530e+04	-2.579e+04	1.97e-04	0.0	40.0	-3090.25	-363.51	644.71	-4640.72	-0.02	1.530e+04
284	334	1.258e+05	3.72e-03	0.04	-240.00	0.0	-2871.84	-60.90	412.59	506.28	-1.650e+04	1.258e+05
		6206.40	-1.650e+04	-4.07e-04	0.0	40.0	-2871.84	-300.90	412.59	506.28	3.72e-03	6206.40
284	342	1.237e+05	1.87e-03	0.04	-240.00	0.0	-2841.21	-32.88	331.10	122.12	-1.324e+04	1.237e+05
		5029.38	-1.324e+04	-3.84e-04	0.0	40.0	-2841.21	-272.88	331.10	122.12	1.87e-03	5029.38
284	343	1.508e+05	-0.04	0.03	-240.00	0.0	-3339.29	-214.14	958.31	-9403.57	-3.833e+04	1.508e+05
		2.557e+04	-3.833e+04	7.78e-04	0.0	40.0	-3339.29	-454.14	958.31	-9403.57	-0.04	2.557e+04
284	347	1.507e+05	-0.04	0.03	-240.00	0.0	-3337.80	-213.51	960.42	-9438.73	-3.842e+04	1.507e+05
		2.549e+04	-3.842e+04	7.81e-04	0.0	40.0	-3337.80	-453.51	960.42	-9438.73	-0.04	2.549e+04
284	366	1.318e+05	-7.39e-03	0.04	-240.00	0.0	-2984.12	-95.45	535.46	-2184.70	-2.142e+04	1.318e+05
		1.088e+04	-2.142e+04	-9.83e-05	0.0	40.0	-2984.12	-335.45	535.46	-2184.70	-7.39e-03	1.088e+05
284	374	1.312e+05	-8.75e-03	0.03	-240.00	0.0	-2976.68	-88.83	512.05	-2656.90	-2.048e+04	1.312e+05
		1.060e+04	-2.048e+04	-6.93e-05	0.0	40.0	-2976.68	-328.83	512.05	-2656.90	-8.75e-03	1.060e+04
284	375	1.433e+05	-0.03	0.03	-240.00	0.0	-3203.82	-158.19	777.36	-6624.55	-3.109e+04	1.433e+05
		2.000e+04	-3.109e+04	4.64e-04	0.0	40.0	-3203.82	-398.19	777.36	-6624.55	-0.03	2.000e+04
284	379	1.432e+05	-0.03	0.03	-240.00	0.0	-3203.13	-157.89	778.42	-6642.28	-3.114e+04	1.432e+05
		1.996e+04	-3.114e+04	4.66e-04	0.0	40.0	-3203.13	-397.89	778.42	-6642.28	-0.03	1.996e+04
285	126	8.987e+05	2854.36	-0.01	-612.50	0.0	4.999e+04	1082.24	3.81	6429.63	2465.64	8.495e+05
		8.495e+05	2465.64	2.17e-04	0.0	102.1	4.999e+04	469.74	3.81	6429.63	2854.36	8.987e+05
285	150	3.842e+06	-1333.08	-0.05	-612.50	0.0	1.725e+05	6043.96	-4.18	1.037e+04	-1333.08	3.464e+06
		3.464e+06	-1760.03	1.03e-03	0.0	102.1	1.725e+05	5431.46	-4.18	1.037e+04	-1760.03	3.842e+06
285	161	1.259e+06	1.006e+04	-0.02	-826.88	0.0	7.093e+04	1527.24	140.58	1.331e+04	6119.34	1.187e+06
		1.187e+06	6119.34	-1.89e-04	-255.72	102.1	7.093e+04	700.36	-115.13	1.331e+04	7418.40	1.259e+06
285	187	4.204e+06	4033.31	-0.06	-826.88	0.0	1.932e+05	6486.46	80.16	1.640e+04	1899.71	3.805e+06
		3.805e+06	1899.71	9.49e-04	-153.43	102.1	1.932e+05	5659.59	-73.27	1.640e+04	2251.22	4.204e+06
285	206	8.811e+05	3829.78	-0.01	-612.50	0.0	5.059e+04	1077.66	4.32	6630.22	3388.77	8.314e+05
		8.314e+05	3388.77	-6.99e-05	0.0	102.1	5.059e+04	465.16	4.32	6630.22	3829.78	8.811e+05
285	231	8.398e+05	4899.29	-0.01	-612.50	0.0	5.388e+04	1106.56	8.29	9132.44	4052.55	7.864e+05
		7.864e+05	4052.55	-1.22e-04	0.0	102.1	5.388e+04	494.06	8.29	9132.44	4899.29	8.398e+05
285	269	9.233e+05	4342.18	-0.01	-612.50	0.0	5.192e+04	1122.41	6.85	8059.00	3643.42	8.711e+05
		8.711e+05	3643.42	1.36e-04	0.0	102.1	5.192e+04	509.91	6.85	8059.00	4342.18	9.233e+05
285	270	1.086e+06	1665.28	-0.02	-612.50	0.0	6.617e+04	1312.20	5.40	5123.84	1114.06	1.022e+06
		1.022e+06	1114.06	1.72e-04	0.0	102.1	6.617e+04	699.70	5.40	5123.84	1665.28	1.086e+06
285	287	9.272e+05	7074.26	-0.01	-612.50	0.0	5.234e+04	1125.91	94.16	9539.83	4420.81	8.745e+05
		8.745e+05	4420.81	-1.34e-04	-170.48	102.1	5.234e+04	513.41	-76.32	9539.83	5331.12	9.272e+05

285	300	2.888e+06	5383.00	-0.04	-612.50	0.0	1.301e+05	4610.56	54.94	1.476e+04	3880.14	2.604e+06
		2.604e+06	3880.14	6.52e-04	-102.29	102.1	1.301e+05	3998.06	-47.35	1.476e+04	4267.74	2.888e+06
285	309	9.116e+05	4989.97	-0.01	-612.50	0.0	5.231e+04	1119.36	7.19	8192.26	4256.49	8.590e+05
		8.590e+05	4256.49	-1.03e-04	0.0	102.1	5.231e+04	506.86	7.19	8192.26	4989.97	9.116e+05
285	311	9.591e+05	3933.11	-0.01	-612.50	0.0	5.846e+04	1195.51	6.67	7000.22	3252.10	9.017e+05
		9.017e+05	3252.10	-7.24e-05	0.0	102.1	5.846e+04	583.01	6.67	7000.22	3933.11	9.591e+05
285	313	2.384e+06	4466.43	-0.03	-612.50	0.0	1.107e+05	3734.06	3.98	1.254e+04	4060.19	2.158e+06
		2.158e+06	4060.19	4.37e-04	0.0	102.1	1.107e+05	3121.56	3.98	1.254e+04	4466.43	2.384e+06
285	316	8.502e+05	5351.09	-0.01	-612.50	0.0	5.364e+04	1107.87	8.31	8965.91	4503.29	7.968e+05
		7.968e+05	4503.29	-1.70e-04	0.0	102.1	5.364e+04	495.37	8.31	8965.91	5351.09	8.502e+05
285	324	9.116e+05	4989.97	-0.01	-612.50	0.0	5.231e+04	1119.36	7.19	8192.26	4256.49	8.590e+05
		8.590e+05	4256.49	-1.03e-04	0.0	102.1	5.231e+04	506.86	7.19	8192.26	4989.97	9.116e+05
285	330	5.929e+05	5884.24	-8.30e-03	-612.50	0.0	6.946e+04	1415.43	-0.43	1.076e+04	5884.24	5.597e+05
		5.597e+05	2736.41	2.69e-04	0.0	102.1	6.946e+04	802.93	-0.43	1.076e+04	2736.41	5.929e+05
285	331	1.230e+06	7243.53	-0.02	-612.50	0.0	3.517e+04	823.29	14.80	5627.94	2628.74	1.158e+06
		1.158e+06	2628.74	-2.74e-04	0.0	102.1	3.517e+04	210.79	14.80	5627.94	7243.53	1.230e+06
285	355	1.025e+06	8078.13	-0.01	-612.50	0.0	4.526e+04	899.64	4.57	1.147e+04	6020.00	9.635e+05
		9.635e+05	6020.00	-8.12e-04	0.0	102.1	4.526e+04	287.14	4.57	1.147e+04	8078.13	1.025e+06
285	356	9.850e+05	2788.24	-0.01	-612.50	0.0	4.957e+04	1196.53	15.33	6806.84	1056.13	9.307e+05
		9.307e+05	1056.13	8.51e-04	0.0	102.1	4.957e+04	584.03	15.33	6806.84	2788.24	9.850e+05
285	362	7.478e+05	5096.85	-0.01	-612.50	0.0	6.102e+04	1268.13	3.30	9504.14	5096.85	7.051e+05
		7.051e+05	3852.02	1.41e-04	0.0	102.1	6.102e+04	655.63	3.30	9504.14	3852.02	7.478e+05
285	363	1.075e+06	6127.92	-0.02	-612.50	0.0	4.360e+04	970.59	11.07	6880.39	3416.13	1.013e+06
		1.013e+06	3416.13	-1.78e-04	0.0	102.1	4.360e+04	358.09	11.07	6880.39	6127.92	1.075e+06
285	387	9.696e+05	6526.05	-0.01	-612.50	0.0	4.875e+04	1009.74	5.93	9829.67	5120.15	9.125e+05
		9.125e+05	5120.15	-4.09e-04	0.0	102.1	4.875e+04	397.24	5.93	9829.67	6526.05	9.696e+05
285	388	9.497e+05	3905.50	-0.01	-612.50	0.0	5.089e+04	1157.03	11.25	7515.82	2661.09	8.962e+05
		8.962e+05	2661.09	4.30e-04	0.0	102.1	5.089e+04	544.53	11.25	7515.82	3905.50	9.497e+05
286	72	6.538e+05	4215.20	0.07	-552.50	0.0	4.452e+04	-5678.97	43.41	2.362e+04	217.96	6.538e+05
		3.078e+05	217.96	-7.84e-04	0.0	92.1	4.452e+04	-6231.47	43.41	2.362e+04	4215.20	3.078e+05
286	126	6.497e+05	3953.74	0.06	-552.50	0.0	3.722e+04	-4944.11	29.67	1770.48	1221.26	6.497e+05
		3.479e+05	1221.26	-5.84e-04	0.0	92.1	3.722e+04	-5496.61	29.67	1770.48	3953.74	3.479e+05
286	150	2.341e+06	3889.37	0.25	-552.50	0.0	1.104e+05	-1.869e+04	138.31	1.261e+05	-8846.47	2.341e+06
		1.243e+06	-8846.47	-3.12e-03	0.0	92.1	1.104e+05	-1.924e+04	138.31	1.261e+05	3889.37	1.243e+06
286	181	9.781e+05	9503.43	0.10	-745.88	0.0	5.630e+04	-7586.14	166.15	4195.36	4002.65	9.781e+05
		5.159e+05	4002.65	-7.85e-04	-230.67	92.1	5.630e+04	-8332.02	-64.52	4195.36	6861.93	5.159e+05
286	187	2.599e+06	7929.49	0.28	-745.88	0.0	1.259e+05	-2.069e+04	223.43	1.240e+05	-6272.49	2.599e+06
		1.378e+06	-6272.49	-3.26e-03	-138.40	92.1	1.259e+05	-2.143e+04	85.03	1.240e+05	7929.49	1.378e+06
286	243	5.857e+05	5470.32	0.06	-552.50	0.0	4.091e+04	-5097.31	33.96	1849.52	2342.87	5.857e+05
		2.728e+05	2342.87	-5.39e-04	0.0	92.1	4.091e+04	-5649.81	33.96	1849.52	5470.32	2.728e+05
286	269	6.638e+05	5245.09	0.07	-552.50	0.0	3.876e+04	-5094.31	32.36	569.65	2265.31	6.638e+05
		3.527e+05	2265.31	-5.62e-04	0.0	92.1	3.876e+04	-5646.81	32.36	569.65	5245.09	3.527e+05
286	281	1.761e+06	5152.22	0.19	-552.50	0.0	8.360e+04	-1.393e+04	90.01	5.424e+04	-3136.28	1.761e+06
		9.381e+05	-3136.28	-2.00e-03	0.0	92.1	8.360e+04	-1.449e+04	90.01	5.424e+04	5152.22	9.381e+05
286	297	7.205e+05	6734.89	0.07	-552.50	0.0	4.157e+04	-5600.59	113.85	3255.51	2854.79	7.205e+05
		3.791e+05	2854.79	-5.69e-04	-153.78	92.1	4.157e+04	-6153.09	-39.93	3255.51	6258.20	3.791e+05
286	300	1.765e+06	5696.72	0.19	-552.50	0.0	8.379e+04	-1.396e+04	136.98	5.355e+04	-2669.01	1.765e+06
		9.398e+05	-2669.01	-1.96e-03	-92.27	92.1	8.379e+04	-1.451e+04	44.72	5.355e+04	5696.72	9.398e+05
286	309	6.496e+05	5666.23	0.06	-552.50	0.0	3.919e+04	-5099.54	31.29	94.52	2785.33	6.496e+05
		3.365e+05	2785.33	-4.31e-04	0.0	92.1	3.919e+04	-5652.04	31.29	94.52	5666.23	3.365e+05
286	313	1.476e+06	5585.17	0.16	-552.50	0.0	7.275e+04	-1.173e+04	74.44	4.029e+04	-1269.34	1.476e+06
		7.787e+05	-1269.34	-1.51e-03	0.0	92.1	7.275e+04	-1.228e+04	74.44	4.029e+04	5585.17	7.787e+05
286	316	5.954e+05	6700.88	0.06	-552.50	0.0	4.028e+04	-5073.41	34.18	-549.61	3553.59	5.954e+05
		2.845e+05	3553.59	-2.72e-04	0.0	92.1	4.028e+04	-5625.91	34.18	-549.61	6700.88	2.845e+05
286	319	5.930e+05	5818.83	0.06	-552.50	0.0	4.067e+04	-5091.91	32.79	1324.16	2799.22	5.930e+05
		2.794e+05	2799.22	-4.35e-04	0.0	92.1	4.067e+04	-5644.41	32.79	1324.16	5818.83	2.794e+05
286	324	6.496e+05	5666.23	0.06	-552.50	0.0	3.919e+04	-5099.54	31.29	94.52	2785.33	6.496e+05
		3.365e+05	2785.33	-4.31e-04	0.0	92.1	3.919e+04	-5652.04	31.29	94.52	5666.23	3.365e+05
286	326	4.325e+05	4590.37	0.04	-552.50	0.0	4.984e+04	-4128.32	20.76	4257.69	4463.85	4.325e+05
		1.877e+05	4463.85	-4.33e-04	0.0	92.1	4.984e+04	-4680.82	20.76	4257.69	4590.37	1.877e+05
286	330	4.290e+05	4503.95	0.04	-552.50	0.0	5.027e+04	-4129.73	21.21	4447.62	4157.65	4.290e+05
		1.890e+05	4157.65	-5.60e-04	0.0	92.1	5.027e+04	-4682.23	21.21	4447.62	4503.95	1.890e+05
286	331	8.703e+05	6828.51	0.09	-552.50	0.0	2.812e+04	-6069.35	41.36	-4258.57	1413.01	8.703e+05
		4.840e+05	1413.01	-3.05e-04	0.0	92.1	2.812e+04	-6621.85	41.36	-4258.57	6828.51	4.840e+05
286	340	8.659e+05	6067.70	0.09	-552.50	0.0	2.942e+04	-6149.13	47.58	-2154.84	306.04	8.659e+05
		4.777e+05	306.04	-6.22e-04	0.0	92.1	2.942e+04	-6701.63	47.58	-2154.84	6067.70	4.777e+05
286	351	7.213e+05	7156.79	0.07	-552.50	0.0	3.410e+04	-5255.43	24.83	-4141.57	4032.04	7.213e+05
		3.895e+05	4032.04	1.43e-04	0.0	92.1	3.410e+04	-5807.93	24.83	-4141.57	7156.79	3.895e+05
286	358	5.383e+05	5065.35	0.05	-552.50	0.0	4.465e+04	-4593.61	26.07	2272.37	3467.24	5.383e+05
		2.604e+05	3467.24	-4.93e-04	0.0	92.1	4.465e+04	-5146.11	26.07	2272.37	5065.35	2.604e+05
286	360	7.636e+05	5870.29	0.08	-552.50	0.0	3.400e+04	-5629.36	39.45	-1210.64	1512.02	7.636e+05
		4.091e+05	1512.02	-5.46e-04	0.0	92.1	3.400e+04	-6181.86	39.45	-1210.64	5870.29	4.091e+05
286	362	5.361e+05	5077.38	0.05	-552.50	0.0	4.481e+04	-4603.76	26.14	2316.29	3492.12	5.361e+05
		2.608e+05	3492.12	-4.91e-04	0.0	92.1	4.481e+04	-5156.26	26.14	2316.29	5077.38	2.608e+05
286	363	7.632e+05	6255.08	0.08	-552.50	0.0	3.358e+04	-5595.33	36.43	-2127.25	2078.55	7.632e+05
		4.123e+05	2078.55	-3.70e-04	0.0	92.1	3.358e+04	-6147.83	36.43	-2127.25	6255.08	4.123e+05
286	375	6.791e+05	6448.36	0.07	-552.50	0.0	3.715e+04	-5215.09	28.37	-1882.40	3477.73	6.791e+05

		3.647e+05	3477.73	-1.83e-04	0.0	92.1	3.715e+04	-5767.59	28.37	-1882.40	6448.36	3.647e+05
286	380	6.876e+05	5124.36	0.07	-552.50	0.0	3.806e+04	-5293.34	38.21	1053.11	1504.43	6.876e+05
		3.529e+05	1504.43	-7.31e-04	0.0	92.1	3.806e+04	-5845.84	38.21	1053.11	5124.36	3.529e+05
287	49	4.198e+06	762.32	-0.06	-826.88	0.0	1.937e+05	6468.71	3.29	1.627e+04	426.19	3.797e+06
		3.797e+06	426.19	8.93e-04	0.0	102.1	1.937e+05	5641.84	3.29	1.627e+04	762.32	4.198e+06
287	50	3.843e+06	-2061.60	-0.05	-612.50	0.0	1.734e+05	6030.77	-2.53	1.163e+04	-2061.60	3.464e+06
		3.464e+06	-2319.40	9.10e-04	0.0	102.1	1.734e+05	5418.27	-2.53	1.163e+04	-2319.40	3.843e+06
287	124	8.800e+05	2715.72	-0.01	-612.50	0.0	5.048e+04	1075.27	4.30	6474.92	2276.85	8.307e+05
		8.307e+05	2276.85	9.71e-05	0.0	102.1	5.048e+04	462.77	4.30	6474.92	2715.72	8.800e+05
287	140	8.685e+05	2850.61	-0.01	-612.50	0.0	5.087e+04	1075.78	4.13	6432.19	2428.76	8.193e+05
		8.193e+05	2428.76	1.02e-04	0.0	102.1	5.087e+04	463.28	4.13	6432.19	2850.61	8.685e+05
287	181	1.239e+06	1.006e+04	-0.02	-826.88	0.0	5.391e+04	1519.92	140.77	1.327e+04	6110.70	1.168e+06
		1.168e+06	6110.70	-2.19e-04	-255.72	102.1	7.154e+04	693.04	-114.95	1.327e+04	7429.00	1.239e+06
287	231	2.883e+06	3210.79	-0.04	-612.50	0.0	1.306e+05	4595.76	3.90	1.469e+04	2812.33	2.599e+06
		2.599e+06	2812.33	5.67e-04	0.0	102.1	1.306e+05	3983.26	3.90	1.469e+04	3210.79	2.883e+06
287	239	8.904e+05	4504.36	-0.01	-612.50	0.0	5.217e+04	1064.22	7.51	8507.92	3738.08	8.411e+05
		8.411e+05	3738.08	-1.03e-04	0.0	102.1	5.217e+04	451.72	7.51	8507.92	4504.36	8.904e+05
287	270	1.077e+06	1643.67	-0.01	-612.50	0.0	6.650e+04	1308.33	5.58	5219.05	1074.39	1.013e+06
		1.013e+06	1074.39	1.39e-04	0.0	102.1	6.650e+04	695.83	5.58	5219.05	1643.67	1.077e+06
287	281	8.527e+05	4799.56	-0.01	-612.50	0.0	5.391e+04	1123.89	6.27	7396.97	4159.06	7.815e+05
		7.815e+05	4159.06	9.88e-05	0.0	102.1	5.391e+04	511.39	6.27	7396.97	4799.56	8.527e+05
287	302	8.611e+05	7446.79	-0.01	-612.50	0.0	5.380e+04	1126.17	93.69	9018.65	4820.27	8.093e+05
		8.093e+05	4820.27	-1.48e-04	-170.48	102.1	5.380e+04	513.67	-76.79	9018.65	5682.71	8.611e+05
287	311	9.577e+05	3943.15	-0.01	-612.50	0.0	5.856e+04	1192.21	6.67	6986.68	3262.65	9.006e+05
		9.006e+05	3262.65	-6.42e-05	0.0	102.1	5.856e+04	579.71	6.67	6986.68	3943.15	9.577e+05
287	313	8.523e+05	5363.47	-0.01	-612.50	0.0	5.357e+04	1120.79	6.57	7636.92	4692.48	8.009e+05
		8.009e+05	4692.48	-9.70e-05	0.0	102.1	5.357e+04	508.29	6.57	7636.92	5363.47	8.523e+05
287	316	2.389e+06	4111.60	-0.03	-612.50	0.0	1.110e+05	3724.90	4.87	1.309e+04	3614.89	2.162e+06
		2.162e+06	3614.89	4.04e-04	0.0	102.1	1.110e+05	3112.40	4.87	1.309e+04	4111.60	2.389e+06
287	318	8.938e+05	5081.78	-0.01	-612.50	0.0	5.220e+04	1076.25	7.57	8446.00	4309.20	8.437e+05
		8.437e+05	4309.20	-1.27e-04	0.0	102.1	5.220e+04	463.75	7.57	8446.00	5081.78	8.938e+05
287	319	8.583e+05	5387.64	-0.01	-612.50	0.0	5.348e+04	1104.59	8.19	8878.67	4551.26	8.054e+05
		8.054e+05	4551.26	-1.58e-04	0.0	102.1	5.348e+04	492.09	8.19	8878.67	5387.64	8.583e+05
287	324	9.127e+05	4992.11	-0.01	-612.50	0.0	5.237e+04	1114.84	7.20	8161.96	4256.67	8.604e+05
		8.604e+05	4256.67	-1.04e-04	0.0	102.1	5.237e+04	502.34	7.20	8161.96	4992.11	9.127e+05
287	330	7.474e+05	4207.47	-0.01	-612.50	0.0	6.273e+04	1287.81	2.47	9607.40	4207.47	7.040e+05
		7.040e+05	2901.03	1.28e-04	0.0	102.1	6.273e+04	675.31	2.47	9607.40	2901.03	7.474e+05
287	331	1.078e+06	7083.20	-0.01	-612.50	0.0	4.200e+04	941.87	11.94	6716.53	4305.87	1.017e+06
		1.017e+06	4305.87	-1.92e-04	0.0	102.1	4.200e+04	329.37	11.94	6716.53	7083.20	1.078e+06
287	338	7.474e+05	4275.75	-0.01	-612.50	0.0	6.261e+04	1284.04	2.28	9536.03	4275.75	7.040e+05
		7.040e+05	2831.91	1.51e-04	0.0	102.1	6.261e+04	671.54	2.28	9536.03	2831.91	7.474e+05
287	339	1.078e+06	7152.32	-0.01	-612.50	0.0	4.213e+04	945.63	12.13	6787.90	4237.59	1.017e+06
		1.017e+06	4237.59	-2.07e-04	0.0	102.1	4.213e+04	333.13	12.13	6787.90	7152.32	1.078e+06
287	355	9.837e+05	9619.06	-0.01	-612.50	0.0	4.595e+04	975.37	7.93	9472.27	8264.11	9.331e+05
		9.331e+05	8264.11	-4.41e-04	0.0	102.1	4.595e+04	362.87	7.93	9472.27	9619.06	9.837e+05
287	356	9.365e+05	874.26	-0.01	-612.50	0.0	5.330e+04	1170.33	9.58	5686.50	-556.02	8.765e+05
		8.765e+05	-556.02	3.87e-04	0.0	102.1	5.330e+04	557.83	9.58	5686.50	874.26	9.365e+05
287	362	8.278e+05	4246.62	-0.01	-612.50	0.0	5.761e+04	1201.82	4.80	8898.38	4246.62	7.801e+05
		7.801e+05	3943.69	7.06e-05	0.0	102.1	5.761e+04	589.32	4.80	8898.38	3943.69	8.278e+05
287	363	9.975e+05	6040.53	-0.01	-612.50	0.0	4.712e+04	1027.86	9.61	7425.55	4266.73	9.407e+05
		9.407e+05	4266.73	-1.46e-04	0.0	102.1	4.712e+04	415.36	9.61	7425.55	6040.53	9.975e+05
287	370	8.278e+05	4280.33	-0.01	-612.50	0.0	5.755e+04	1199.96	4.71	8863.03	4280.33	7.801e+05
		7.801e+05	3909.83	8.20e-05	0.0	102.1	5.755e+04	587.46	4.71	8863.03	3909.83	8.278e+05
287	371	9.975e+05	6074.39	-0.01	-612.50	0.0	4.719e+04	1029.71	9.70	7460.89	4233.02	9.407e+05
		9.407e+05	4233.02	-1.53e-04	0.0	102.1	4.719e+04	417.21	9.70	7460.89	6074.39	9.975e+05
287	387	9.488e+05	7294.09	-0.01	-612.50	0.0	4.915e+04	1045.34	7.58	8806.02	6244.02	8.973e+05
		8.973e+05	6244.02	-2.64e-04	0.0	102.1	4.915e+04	432.84	7.58	8806.02	7294.09	9.488e+05
287	388	9.253e+05	2948.39	-0.01	-612.50	0.0	5.280e+04	1141.95	8.40	6928.26	1860.62	8.691e+05
		8.691e+05	1860.62	1.99e-04	0.0	102.1	5.280e+04	529.45	8.40	6928.26	2948.39	9.253e+05
288	41	1.206e+06	2.805e+04	-0.16	-745.88	0.0	5.208e+04	1.379e+04	-220.72	-4.840e+04	2.805e+04	4.090e+05
		4.090e+05	7729.45	1.63e-03	0.0	92.1	5.208e+04	1.305e+04	-220.72	-4.840e+04	7729.45	1.206e+06
288	49	1.769e+06	2.485e+04	-0.31	-745.88	0.0	6.417e+04	2.385e+04	-193.87	-1.091e+05	2.485e+04	3.666e+05
		3.666e+05	6994.41	3.38e-03	0.0	92.1	6.417e+04	2.311e+04	-193.87	-1.091e+05	6994.41	1.769e+06
288	52	1.255e+06	1.558e+04	-0.22	-552.50	0.0	4.428e+04	1.677e+04	-129.78	-6.766e+04	1.558e+04	2.731e+05
		2.731e+05	3631.52	2.54e-03	0.0	92.1	4.428e+04	1.622e+04	-129.78	-6.766e+04	3631.52	1.255e+06
288	74	4.694e+05	1.576e+04	-0.09	-552.50	0.0	3.172e+04	8996.99	-121.52	-4.094e+04	1.576e+04	-7.448e+04
		-7.448e+04	4572.17	6.57e-04	0.0	92.1	3.172e+04	8444.49	-121.52	-4.094e+04	4572.17	4.694e+05
288	126	4.380e+05	8181.50	-0.07	-552.50	0.0	2.135e+04	6852.30	-45.56	1.047e+04	8181.50	3.718e+04
		3.718e+04	3986.01	7.08e-04	0.0	92.1	2.135e+04	6299.80	-45.56	1.047e+04	3986.01	4.380e+05
288	227	7.860e+05	1.690e+04	-0.10	-552.50	0.0	3.316e+04	8569.21	-122.69	3216.10	1.690e+04	2.952e+05
		2.952e+05	5604.31	8.72e-04	0.0	92.1	3.316e+04	8016.71	-122.69	3216.10	5604.31	7.860e+05
288	231	1.204e+06	1.453e+04	-0.21	-552.50	0.0	4.212e+04	1.602e+04	-102.80	-4.171e+04	1.453e+04	2.639e+05
		2.639e+05	5059.84	2.17e-03	0.0	92.1	4.212e+04	1.547e+04	-102.80	-4.171e+04	5059.84	1.204e+06
288	232	1.015e+06	1.313e+04	-0.18	-552.50	0.0	3.718e+04	1.379e+04	-88.29	-2.767e+04	1.313e+04	2.063e+05
		2.063e+05	4995.37	1.83e-03	0.0	92.1	3.718e+04	1.324e+04	-88.29	-2.767e+04	4995.37	1.015e+06
288	243	3.691e+05	1.095e+04	-0.07	-552.50	0.0	2.463e+04	7047.36	-57.47	1.588e+04	1.095e+04	-5.534e+04
		-5.534e+04	5653.41	2.56e-04	0.0	92.1	2.463e+04	6494.86	-57.47	1.588e+04	5653.41	3.691e+05

288	269	4.500e+05	9161.20	-0.07	-552.50	0.0	2.231e+04	7080.26	-42.29	1.457e+04	9161.20	3.354e+04
		3.354e+04	5266.82	6.00e-04	0.0	92.1	2.231e+04	6527.76	-42.29	1.457e+04	5266.82	4.500e+05
288	310	4.426e+05	9332.91	-0.07	-552.50	0.0	2.260e+04	7091.68	-43.73	1.491e+04	9332.91	2.420e+05
		2.420e+04	5306.23	5.48e-04	0.0	92.1	2.260e+04	6539.18	-43.73	1.491e+04	5306.23	4.426e+05
288	315	6.949e+05	1.532e+04	-0.09	-552.50	0.0	3.069e+04	8190.53	-102.17	6473.77	1.532e+04	2.204e+05
		2.204e+05	5907.99	5.79e-04	0.0	92.1	3.069e+04	7638.03	-102.17	6473.77	5907.99	6.949e+05
288	316	1.008e+06	1.353e+04	-0.18	-552.50	0.0	3.741e+04	1.378e+04	-87.25	-2.722e+04	1.353e+04	1.969e+05
		1.969e+05	5499.64	1.55e-03	0.0	92.1	3.741e+04	1.323e+04	-87.25	-2.722e+04	5499.64	1.008e+06
288	319	3.821e+05	1.085e+04	-0.07	-552.50	0.0	2.429e+04	7049.14	-53.25	1.597e+04	1.085e+04	-4.251e+04
		-4.251e+04	5944.82	1.18e-04	0.0	92.1	2.429e+04	6496.64	-53.25	1.597e+04	5944.82	3.821e+05
288	324	4.418e+05	9527.15	-0.07	-552.50	0.0	2.264e+04	7083.56	-41.92	1.532e+04	9527.15	2.205e+04
		2.205e+04	5666.71	3.41e-04	0.0	92.1	2.264e+04	6531.06	-41.92	1.532e+04	5666.71	4.418e+05
288	325	3.349e+05	1.411e+04	-0.06	-552.50	0.0	2.782e+04	6439.26	-89.76	1.325e+04	1.411e+04	-7.282e+04
		-7.282e+04	5462.34	-2.37e-04	0.0	92.1	2.782e+04	5886.76	-89.76	1.325e+04	5462.34	3.349e+05
288	328	5.487e+05	5871.09	-0.09	-552.50	0.0	1.746e+04	7727.85	5.92	1.738e+04	4944.08	1.169e+05
		1.169e+05	4944.08	7.75e-04	0.0	92.1	1.746e+04	7175.35	5.92	1.738e+04	5871.09	5.487e+05
288	333	3.354e+05	1.412e+04	-0.06	-552.50	0.0	2.774e+04	6442.75	-89.13	1.335e+04	1.412e+04	-7.143e+04
		-7.143e+04	5502.33	-2.59e-04	0.0	92.1	2.774e+04	5890.25	-89.13	1.335e+04	5502.33	3.354e+05
288	350	4.378e+05	9496.31	-0.07	-552.50	0.0	2.290e+04	7102.30	-44.99	1.168e+04	9496.31	1.121e+04
		1.121e+04	4281.07	2.51e-03	0.0	92.1	2.290e+04	6549.80	-44.99	1.168e+04	4281.07	4.378e+05
288	357	3.869e+05	1.180e+04	-0.07	-552.50	0.0	2.523e+04	6755.45	-65.59	1.428e+04	1.180e+04	-2.602e+04
		-2.602e+04	5559.80	1.87e-04	0.0	92.1	2.523e+04	6202.95	-65.59	1.428e+04	5559.80	3.869e+05
288	360	4.967e+05	7256.47	-0.08	-552.50	0.0	2.005e+04	7411.66	-18.26	1.635e+04	7256.47	7.012e+04
		7.012e+04	5773.63	4.95e-04	0.0	92.1	2.005e+04	6859.16	-18.26	1.635e+04	5773.63	4.967e+05
288	361	3.885e+05	1.176e+04	-0.07	-552.50	0.0	2.524e+04	6754.20	-65.53	1.426e+04	1.176e+04	-2.563e+04
		-2.563e+04	5640.71	-1.59e-04	0.0	92.1	2.524e+04	6201.70	-65.53	1.426e+04	5640.71	3.885e+05
288	364	4.951e+05	7295.54	-0.08	-552.50	0.0	2.004e+04	7412.91	-18.32	1.637e+04	7295.54	6.973e+04
		6.973e+04	5692.72	6.59e-04	0.0	92.1	2.004e+04	6860.41	-18.32	1.637e+04	5692.72	4.951e+05
288	365	3.872e+05	1.180e+04	-0.07	-552.50	0.0	2.519e+04	6757.16	-65.27	1.433e+04	1.180e+04	-2.533e+04
		-2.533e+04	5578.92	1.67e-04	0.0	92.1	2.519e+04	6204.66	-65.27	1.433e+04	5578.92	3.872e+05
288	382	4.394e+05	9521.93	-0.07	-552.50	0.0	2.278e+04	7090.59	-43.52	1.346e+04	9521.93	1.645e+04
		1.645e+04	4977.76	1.42e-03	0.0	92.1	2.278e+04	6538.09	-43.52	1.346e+04	4977.76	4.394e+05
289	126	8.881e+05	-2014.41	-0.01	-612.50	0.0	4.888e+04	999.45	-5.61	-2452.62	-2014.41	8.881e+05
		8.881e+05	-2587.47	2.01e-04	0.0	102.1	4.888e+04	386.95	-5.61	-2452.62	-2587.47	8.881e+05
289	149	4.564e+06	-3.317e+04	-0.06	-826.88	0.0	2.118e+05	6529.09	-179.99	-7.446e+04	-3.317e+04	4.155e+06
		4.155e+06	-5.154e+04	1.49e-03	0.0	102.1	2.118e+05	5702.22	-179.99	-7.446e+04	-5.154e+04	4.564e+06
289	187	4.566e+06	-3.291e+04	-0.06	-826.88	0.0	2.119e+05	6524.01	-180.11	-7.437e+04	-3.291e+04	4.157e+06
		4.157e+06	-5.130e+04	1.44e-03	0.0	102.1	2.119e+05	5697.13	-180.11	-7.437e+04	-5.130e+04	4.566e+06
289	206	8.666e+05	-1074.49	-0.01	-612.50	0.0	4.966e+04	998.84	-4.45	-2169.13	-1074.49	8.220e+05
		8.220e+05	-1529.22	4.08e-05	0.0	102.1	4.966e+04	386.34	-4.45	-2169.13	-1529.22	8.666e+05
289	231	8.163e+05	-1160.76	-0.01	-612.50	0.0	5.293e+04	1000.85	-2.99	-905.10	-1160.76	7.714e+05
		7.714e+05	-1465.93	-3.49e-05	0.0	102.1	5.293e+04	388.35	-2.99	-905.10	-1465.93	8.163e+05
289	269	9.029e+05	-1524.68	-0.01	-612.50	0.0	5.044e+04	1003.85	-5.17	-2193.67	-1524.68	8.585e+05
		8.585e+05	-2052.74	1.34e-04	0.0	102.1	5.044e+04	391.35	-5.17	-2193.67	-2052.74	9.029e+05
289	281	3.048e+06	-1.968e+04	-0.04	-612.50	0.0	1.378e+05	4588.85	-120.57	-4.688e+04	-1.968e+04	2.761e+06
		2.761e+06	-3.199e+04	9.35e-04	0.0	102.1	1.378e+05	3976.35	-120.57	-4.688e+04	-3.199e+04	3.048e+06
289	300	3.049e+06	-1.951e+04	-0.04	-612.50	0.0	1.379e+05	4585.46	-120.64	-4.682e+04	-1.951e+04	2.762e+06
		2.762e+06	-3.183e+04	9.06e-04	0.0	102.1	1.379e+05	3972.96	-120.64	-4.682e+04	-3.183e+04	3.049e+06
289	309	8.886e+05	-900.51	-0.01	-612.50	0.0	5.096e+04	1003.44	-4.40	-2005.26	-900.51	8.440e+05
		8.440e+05	-1349.97	3.24e-05	0.0	102.1	5.096e+04	390.94	-4.40	-2005.26	-1349.97	8.886e+05
289	313	2.500e+06	-1.452e+04	-0.04	-612.50	0.0	1.164e+05	3692.23	-90.95	-3.552e+04	-1.452e+04	2.274e+06
		2.274e+06	-2.380e+04	6.41e-04	0.0	102.1	1.164e+05	3079.73	-90.95	-3.552e+04	-2.380e+04	2.500e+06
289	316	8.258e+05	-682.11	-0.01	-612.50	0.0	5.270e+04	1001.31	-2.88	-1085.87	-682.11	7.809e+05
		7.809e+05	-975.62	-1.00e-04	0.0	102.1	5.270e+04	388.81	-2.88	-1085.87	-975.62	8.258e+05
289	324	8.886e+05	-900.51	-0.01	-612.50	0.0	5.096e+04	1003.44	-4.40	-2005.26	-900.51	8.440e+05
		8.440e+05	-1349.97	3.24e-05	0.0	102.1	5.096e+04	390.94	-4.40	-2005.26	-1349.97	8.886e+05
289	325	5.912e+05	-1282.27	-8.21e-03	-612.50	0.0	6.707e+04	842.38	-9.38	-3390.65	-1282.27	5.585e+05
		5.585e+05	-2288.13	-1.37e-04	0.0	102.1	6.707e+04	229.88	-9.38	-3390.65	-2288.13	5.912e+05
289	327	1.191e+06	278.97	-0.02	-612.50	0.0	3.518e+04	1209.40	2.95	-67.49	278.97	1.132e+06
		1.132e+06	75.44	-1.15e-04	0.0	102.1	3.518e+04	596.90	2.95	-67.49	75.44	1.191e+06
289	328	1.186e+06	-411.81	-0.02	-612.50	0.0	3.485e+04	1164.51	0.57	-619.87	-411.81	1.130e+06
		1.130e+06	-518.75	1.57e-04	0.0	102.1	3.485e+04	552.01	0.57	-619.87	-518.75	1.186e+06
289	330	5.871e+05	-2356.10	-8.20e-03	-612.50	0.0	6.675e+04	823.87	-11.76	-4151.26	-2356.10	5.555e+05
		5.555e+05	-3494.21	2.52e-04	0.0	102.1	6.675e+04	211.37	-11.76	-4151.26	-3494.21	5.871e+05
289	350	7.926e+05	-3693.31	-0.01	-612.50	0.0	5.521e+04	961.51	-10.23	-4118.44	-3693.31	7.528e+05
		7.528e+05	-4604.01	8.44e-04	0.0	102.1	5.521e+04	349.01	-10.23	-4118.44	-4604.01	7.926e+05
289	351	9.846e+05	1904.08	-0.01	-612.50	0.0	4.671e+04	1045.38	1.43	107.92	1904.08	9.353e+05
		9.353e+05	1892.30	-8.24e-04	0.0	102.1	4.671e+04	432.88	1.43	107.92	1892.30	9.846e+05
289	361	7.354e+05	-861.62	-0.01	-612.50	0.0	5.914e+04	909.26	-6.93	-2609.68	-861.62	6.972e+05
		6.972e+05	-1575.95	-1.20e-04	0.0	102.1	5.914e+04	296.76	-6.93	-2609.68	-1575.95	7.354e+05
289	362	7.336e+05	-1631.15	-0.01	-612.50	0.0	5.899e+04	913.16	-8.11	-3090.21	-1631.15	6.956e+05
		6.956e+05	-2428.46	1.36e-04	0.0	102.1	5.899e+04	300.66	-8.11	-3090.21	-2428.46	7.336e+05
289	363	1.044e+06	-169.87	-0.01	-612.50	0.0	4.294e+04	1093.73	-0.70	-920.31	-169.87	9.924e+05
		9.924e+05	-271.47	-1.09e-04	0.0	102.1	4.294e+04	481.23	-0.70	-920.31	-271.47	1.044e+06
289	364	1.042e+06	-939.39	-0.01	-612.50	0.0	4.278e+04	1097.62	-1.87	-1400.84	-939.39	9.909e+05
		9.909e+05	-1123.99	1.40e-04	0.0	102.1	4.278e+04	485.12	-1.87	-1400.84	-1123.99	1.042e+06
289	382	8.394e+05	-2286.81	-0.01	-612.50	0.0	5.313e+04	982.26	-7.30	-3059.54	-2286.81	7.972e+05

		7.972e+05	-2966.49	4.24e-04	0.0	102.1	5.313e+04	369.76	-7.30	-3059.54	-2966.49	8.394e+05
289	383	9.379e+05	485.80	-0.01	-612.50	0.0	4.879e+04	1024.62	-1.50	-950.98	485.80	8.909e+05
		8.909e+05	266.56	-4.04e-04	0.0	102.1	4.879e+04	412.12	-1.50	-950.98	266.56	9.379e+05
290	126	6.413e+05	-1038.63	0.06	-552.50	0.0	3.654e+04	-4818.27	-5.44	-4163.61	-1038.63	6.413e+05
		3.413e+05	-1539.65	-2.90e-04	0.0	92.1	3.654e+04	-5370.77	-5.44	-4163.61	-1539.65	3.413e+05
290	187	2.793e+06	-8139.73	0.30	-745.88	0.0	1.368e+05	-2.223e+04	4.59	1.161e+05	-8562.64	2.793e+06
		1.461e+06	-8562.64	-1.96e-03	0.0	92.1	1.368e+05	-2.298e+04	4.59	1.161e+05	-8139.73	1.461e+06
290	197	1.626e+06	-4884.35	0.14	-745.88	0.0	8.887e+04	-8665.08	-153.14	1.424e+04	-4884.35	1.626e+06
		1.103e+06	-1.899e+04	-9.02e-04	0.0	92.1	8.887e+04	-9410.96	-153.14	1.424e+04	-1.899e+04	1.103e+06
290	205	8.595e+05	65.66	0.09	-745.88	0.0	5.177e+04	-6769.89	-10.74	-9291.70	65.66	8.595e+05
		4.375e+05	-923.59	-1.40e-04	0.0	92.1	5.177e+04	-7515.76	-10.74	-9291.70	-923.59	4.375e+05
290	206	6.185e+05	-138.36	0.06	-552.50	0.0	3.729e+04	-4836.99	-7.34	-5656.94	-138.36	6.185e+05
		3.169e+05	-814.58	-8.61e-05	0.0	92.1	3.729e+04	-5389.49	-7.34	-5656.94	-814.58	3.169e+05
290	231	5.663e+05	574.77	0.06	-552.50	0.0	4.012e+04	-4994.50	-1.43	-8264.02	574.77	5.663e+05
		2.555e+05	443.07	-1.22e-05	0.0	92.1	4.012e+04	-5547.00	-1.43	-8264.02	443.07	2.555e+05
290	269	6.500e+05	-567.98	0.06	-552.50	0.0	3.774e+04	-4984.49	-6.63	-5766.73	-567.98	6.500e+05
		3.396e+05	-1178.80	-2.37e-04	0.0	92.1	3.774e+04	-5536.99	-6.63	-5766.73	-1178.80	3.396e+05
290	300	1.831e+06	-2516.15	0.20	-552.50	0.0	8.708e+04	-1.450e+04	-6.95	4.982e+04	-2516.15	1.831e+06
		9.602e+05	-3156.04	-1.09e-03	0.0	92.1	8.708e+04	-1.506e+04	-6.95	4.982e+04	-3156.04	9.602e+05
290	305	9.657e+05	208.50	0.08	-552.50	0.0	5.156e+04	-4452.19	-123.79	-2.561e+04	208.50	9.657e+05
		6.949e+05	-1.119e+04	-3.03e-04	0.0	92.1	5.156e+04	-5004.69	-123.79	-2.561e+04	-1.119e+04	6.949e+05
290	309	6.348e+05	29.94	0.06	-552.50	0.0	3.825e+04	-4996.96	-7.90	-6760.16	29.94	6.348e+05
		3.233e+05	-697.18	-1.02e-04	0.0	92.1	3.825e+04	-5549.46	-7.90	-6760.16	-697.18	3.233e+05
290	313	1.523e+06	-1546.01	0.16	-552.50	0.0	7.513e+04	-1.212e+04	-7.09	3.599e+04	-1546.01	1.523e+06
		7.919e+05	-2198.73	-7.84e-04	0.0	92.1	7.513e+04	-1.268e+04	-7.09	3.599e+04	-2198.73	7.919e+05
290	314	8.738e+05	497.48	0.08	-552.50	0.0	4.849e+04	-4584.47	-94.72	-2.058e+04	497.48	8.738e+05
		5.930e+05	-8224.32	-1.94e-04	0.0	92.1	4.849e+04	-5136.97	-94.72	-2.058e+04	-8224.32	5.930e+05
290	316	5.745e+05	835.34	0.06	-552.50	0.0	3.991e+04	-4997.64	-3.70	-8232.77	835.34	5.745e+05
		2.631e+05	494.53	5.02e-05	0.0	92.1	3.991e+04	-5550.14	-3.70	-8232.77	494.53	2.631e+05
290	324	6.348e+05	29.94	0.06	-552.50	0.0	3.825e+04	-4996.96	-7.90	-6760.16	29.94	6.348e+05
		3.233e+05	-697.18	-1.02e-04	0.0	92.1	3.825e+04	-5549.46	-7.90	-6760.16	-697.18	3.233e+05
290	325	4.218e+05	1029.67	0.04	-552.50	0.0	4.874e+04	-5965.02	6.71	-5636.39	1029.67	4.218e+05
		1.786e+05	790.07	-2.51e-05	0.0	92.1	4.874e+04	-6517.52	6.71	-5636.39	790.07	1.786e+05
290	328	8.479e+05	-730.19	0.08	-552.50	0.0	2.775e+04	-4028.89	-22.51	-7883.93	-730.19	8.479e+05
		4.680e+05	-2424.04	-1.90e-04	0.0	92.1	2.775e+04	-4581.39	-22.51	-7883.93	-2424.04	4.680e+05
290	329	4.239e+05	1317.85	0.04	-552.50	0.0	4.877e+04	-5957.98	6.23	-5893.48	1317.85	4.239e+05
		1.792e+05	1173.16	1.17e-04	0.0	92.1	4.877e+04	-6510.48	6.23	-5893.48	1173.16	1.792e+05
290	332	8.457e+05	-1113.29	0.08	-552.50	0.0	2.772e+04	-4035.94	-22.02	-7626.84	-1113.29	8.457e+05
		4.675e+05	-2712.22	-3.20e-04	0.0	92.1	2.772e+04	-4588.44	-22.02	-7626.84	-2712.22	4.675e+05
290	353	5.727e+05	2238.33	0.06	-552.50	0.0	4.195e+04	-5308.42	-7.48	-1.037e+04	2238.33	5.727e+05
		2.782e+05	1500.09	5.32e-04	0.0	92.1	4.195e+04	-5860.92	-7.48	-1.037e+04	1500.09	2.782e+05
290	356	6.969e+05	-2178.45	0.07	-552.50	0.0	3.454e+04	-4685.50	-8.31	-3145.87	-2178.45	6.969e+05
		3.685e+05	-2894.46	-7.35e-04	0.0	92.1	3.454e+04	-5238.00	-8.31	-3145.87	-2894.46	3.685e+05
290	357	5.257e+05	595.31	0.05	-552.50	0.0	4.352e+04	-5485.81	-0.73	-6217.36	595.31	5.257e+05
		2.492e+05	309.12	7.20e-06	0.0	92.1	4.352e+04	-6038.31	-0.73	-6217.36	309.12	2.492e+05
290	360	7.440e+05	-535.44	0.07	-552.50	0.0	3.297e+04	-4508.10	-15.06	-7302.96	-535.44	7.440e+05
		3.975e+05	-1703.49	-2.11e-04	0.0	92.1	3.297e+04	-5060.60	-15.06	-7302.96	-1703.49	3.975e+05
290	361	5.263e+05	606.05	0.05	-552.50	0.0	4.358e+04	-5487.17	-0.81	-6305.66	606.05	5.263e+05
		2.493e+05	312.68	7.06e-06	0.0	92.1	4.358e+04	-6039.67	-0.81	-6305.66	312.68	2.493e+05
290	364	7.434e+05	-546.18	0.07	-552.50	0.0	3.291e+04	-4506.74	-14.98	-7214.66	-546.18	7.434e+05
		3.974e+05	-1707.05	-2.11e-04	0.0	92.1	3.291e+04	-5059.24	-14.98	-7214.66	-1707.05	3.974e+05
290	385	6.028e+05	1126.72	0.06	-552.50	0.0	4.012e+04	-5155.53	-7.66	-8565.31	1126.72	6.028e+05
		3.002e+05	394.95	2.11e-04	0.0	92.1	4.012e+04	-5708.03	-7.66	-8565.31	394.95	3.002e+05
290	388	6.668e+05	-1066.85	0.07	-552.50	0.0	3.637e+04	-4838.38	-8.13	-4955.01	-1066.85	6.668e+05
		3.465e+05	-1789.32	-4.15e-04	0.0	92.1	3.637e+04	-5390.88	-8.13	-4955.01	-1789.32	3.465e+05
291	18	1.727e+06	-4157.47	-0.02	-612.50	0.0	9.629e+04	640.52	3.34	-1362.90	-4498.40	1.703e+06
		1.703e+06	-4498.40	1.69e-04	0.0	102.1	9.629e+04	28.02	3.34	-1362.90	-4157.47	1.727e+06
291	149	5.071e+06	1.254e+04	-0.07	-826.88	0.0	2.349e+05	7792.82	96.26	2.416e+04	2711.66	4.575e+06
		4.575e+06	2711.66	3.80e-04	0.0	102.1	2.349e+05	6965.94	96.26	2.416e+04	1.254e+04	5.071e+06
291	164	8.903e+05	739.58	-0.01	-612.50	0.0	4.887e+04	999.15	3.79	2054.37	352.44	8.455e+05
		8.455e+05	352.44	1.06e-04	0.0	102.1	4.887e+04	386.65	3.79	2054.37	739.58	8.903e+05
291	187	5.069e+06	1.278e+04	-0.07	-826.88	0.0	2.348e+05	7797.90	96.14	2.425e+04	2968.57	4.573e+06
		4.573e+06	2968.57	3.20e-04	0.0	102.1	2.348e+05	6971.03	96.14	2.425e+04	1.278e+04	5.069e+06
291	206	8.666e+05	1529.22	-0.01	-612.50	0.0	4.966e+04	998.84	4.45	2169.13	1074.49	8.220e+05
		8.220e+05	1074.49	-4.08e-05	0.0	102.1	4.966e+04	386.34	4.45	2169.13	1529.22	8.666e+05
291	231	8.135e+05	1215.46	-0.01	-612.50	0.0	5.324e+04	1005.79	5.59	3173.91	644.40	7.694e+05
		7.694e+05	644.40	-5.34e-05	0.0	102.1	5.324e+04	393.29	5.59	3173.91	1215.46	8.135e+05
291	270	1.304e+06	-2412.15	-0.02	-612.50	0.0	7.764e+04	1472.42	-0.31	-2130.65	-2412.15	1.229e+06
		1.229e+06	-2443.85	1.34e-04	0.0	102.1	7.764e+04	859.92	-0.31	-2130.65	-2443.85	1.304e+06
291	281	3.296e+06	1.248e+04	-0.05	-612.50	0.0	1.484e+05	5299.39	75.61	2.196e+04	4766.10	2.960e+06
		2.960e+06	4766.10	2.62e-04	0.0	102.1	1.484e+05	4686.89	75.61	2.196e+04	1.248e+04	3.296e+06
291	288	9.045e+05	826.27	-0.01	-612.50	0.0	5.043e+04	1003.65	3.96	1929.34	421.59	8.597e+05
		8.597e+05	421.59	7.17e-05	0.0	102.1	5.043e+04	391.15	3.96	1929.34	826.27	9.045e+05
291	300	3.295e+06	1.265e+04	-0.05	-612.50	0.0	1.483e+05	5302.78	75.54	2.202e+04	4937.37	2.959e+06
		2.959e+06	4937.37	2.21e-04	0.0	102.1	1.483e+05	4690.28	75.54	2.202e+04	1.265e+04	3.295e+06
291	310	8.894e+05	736.73	-0.01	-612.50	0.0	5.096e+04	1003.34	3.80	1873.10	348.97	8.447e+05
		8.447e+05	348.97	9.15e-05	0.0	102.1	5.096e+04	390.84	3.80	1873.10	736.73	8.894e+05

291	311	1.031e+06	104.88	-0.01	-612.50	0.0	6.231e+04	1192.08	2.64	416.40	-164.26	9.739e+05
		9.739e+05	-164.26	-5.93e-06	0.0	102.1	6.231e+04	579.58	2.64	416.40	104.88	1.031e+06
291	313	2.684e+06	1.022e+04	-0.04	-612.50	0.0	1.243e+05	4227.82	58.09	1.707e+04	4287.32	2.421e+06
		2.421e+06	4287.32	-1.24e-04	0.0	102.1	1.243e+05	3615.32	58.09	1.707e+04	1.022e+04	2.684e+06
291	316	8.22e+05	1707.62	-0.01	-612.50	0.0	5.293e+04	1005.17	5.74	2985.72	1122.15	7.785e+05
		7.785e+05	1122.15	-1.15e-04	0.0	102.1	5.293e+04	392.67	5.74	2985.72	1707.62	8.22e+05
291	324	8.886e+05	1349.97	-0.01	-612.50	0.0	5.096e+04	1003.44	4.40	2005.26	900.51	8.440e+05
		8.440e+05	900.51	-3.24e-05	0.0	102.1	5.096e+04	390.94	4.40	2005.26	1349.97	8.886e+05
291	336	1.190e+06	-96.97	-0.02	-612.50	0.0	3.510e+04	1205.69	-2.82	24.25	-96.97	1.132e+06
		1.132e+06	-299.78	1.16e-04	0.0	102.1	3.510e+04	593.19	-2.82	24.25	-299.78	1.190e+06
291	337	5.871e+05	3494.21	-8.20e-03	-612.50	0.0	6.675e+04	823.87	11.76	4151.26	2356.11	5.555e+05
		5.555e+05	2356.11	-2.52e-04	0.0	102.1	6.675e+04	211.37	11.76	4151.26	3494.21	5.871e+05
291	338	5.907e+05	1772.82	-8.28e-03	-612.50	0.0	6.707e+04	816.00	9.37	3182.43	802.61	5.586e+05
		5.586e+05	802.61	2.52e-04	0.0	102.1	6.707e+04	203.50	9.37	3182.43	1772.82	5.907e+05
291	339	1.187e+06	998.40	-0.02	-612.50	0.0	3.485e+04	1190.89	-0.57	828.09	998.40	1.129e+06
		1.129e+06	927.12	-2.72e-04	0.0	102.1	3.485e+04	578.39	-0.57	828.09	927.12	1.187e+06
291	353	7.926e+05	4604.02	-0.01	-612.50	0.0	5.521e+04	961.51	10.23	4118.45	3693.32	7.528e+05
		7.528e+05	3693.32	-8.44e-04	0.0	102.1	5.521e+04	349.01	10.23	4118.45	4604.02	7.926e+05
291	356	9.846e+05	-1892.30	-0.01	-612.50	0.0	4.671e+04	1045.37	-1.43	-107.93	-1892.30	9.353e+05
		9.353e+05	-1904.08	8.24e-04	0.0	102.1	4.671e+04	432.87	-1.43	-107.93	-1904.08	9.846e+05
291	369	7.336e+05	2428.46	-0.01	-612.50	0.0	5.899e+04	913.16	8.11	3090.21	1631.15	6.956e+05
		6.956e+05	1631.15	-1.36e-04	0.0	102.1	5.899e+04	300.66	8.11	3090.21	2428.46	7.336e+05
291	370	7.354e+05	1575.95	-0.01	-612.50	0.0	5.914e+04	909.26	6.93	2609.68	861.62	6.972e+05
		6.972e+05	861.62	1.20e-04	0.0	102.1	5.914e+04	296.76	6.93	2609.68	1575.95	7.354e+05
291	371	1.042e+06	1123.99	-0.01	-612.50	0.0	4.278e+04	1097.62	1.87	1400.84	939.39	9.909e+05
		9.909e+05	939.39	-1.40e-04	0.0	102.1	4.278e+04	485.12	1.87	1400.84	1123.99	1.042e+06
291	372	1.044e+06	271.47	-0.01	-612.50	0.0	4.294e+04	1093.73	0.70	920.31	169.87	9.924e+05
		9.924e+05	169.87	1.09e-04	0.0	102.1	4.294e+04	481.23	0.70	920.31	271.47	1.044e+06
291	385	8.394e+05	2966.49	-0.01	-612.50	0.0	5.313e+04	982.26	7.30	3059.55	2286.81	7.972e+05
		7.972e+05	2286.81	-4.24e-04	0.0	102.1	5.313e+04	369.76	7.30	3059.55	2966.49	8.394e+05
291	388	9.379e+05	-266.56	-0.01	-612.50	0.0	4.879e+04	1024.62	1.50	950.98	-485.80	8.909e+05
		8.909e+05	-485.80	4.04e-04	0.0	102.1	4.879e+04	412.12	1.50	950.98	-266.56	9.379e+05
292	149	3.037e+06	-3346.01	0.33	-745.88	0.0	1.505e+05	-2.429e+04	111.42	1.490e+05	-1.361e+04	3.037e+06
		1.592e+06	-1.361e+04	-1.16e-03	0.0	92.1	1.505e+05	-2.504e+04	111.42	1.490e+05	-3346.01	1.592e+06
292	164	6.419e+05	343.73	0.06	-552.50	0.0	3.653e+04	-4823.49	9.10	5602.21	-494.67	6.419e+05
		3.409e+05	-494.67	-1.58e-05	0.0	92.1	3.653e+04	-5375.99	9.10	5602.21	343.73	3.409e+05
292	197	1.784e+06	8053.76	0.15	-745.88	0.0	9.825e+04	-8962.17	189.65	1.095e+05	-9409.64	1.784e+06
		1.248e+06	-9409.64	-5.34e-04	0.0	92.1	9.825e+04	-9708.04	189.65	1.095e+05	8053.76	1.248e+06
292	206	6.185e+05	814.58	0.06	-552.50	0.0	3.729e+04	-4836.99	7.34	5656.94	138.36	6.185e+05
		3.169e+05	138.36	8.61e-05	0.0	92.1	3.729e+04	-5389.49	7.34	5656.94	814.58	3.169e+05
292	231	5.560e+05	1170.62	0.06	-552.50	0.0	4.058e+04	-5020.80	9.91	4980.93	258.05	5.560e+05
		2.419e+05	258.05	1.53e-04	0.0	92.1	4.058e+04	-5573.30	9.91	4980.93	1170.62	2.419e+05
292	281	1.925e+06	-1833.48	0.21	-552.50	0.0	9.215e+04	-1.551e+04	60.86	7.063e+04	-7438.09	1.925e+06
		9.991e+05	-7438.09	-5.18e-04	0.0	92.1	9.215e+04	-1.607e+04	60.86	7.063e+04	-1833.48	9.991e+05
292	288	6.504e+05	385.04	0.06	-552.50	0.0	3.774e+04	-4987.95	9.07	6721.56	-449.69	6.504e+05
		3.393e+05	-449.69	3.44e-05	0.0	92.1	3.774e+04	-5540.45	9.07	6721.56	385.04	3.393e+05
292	305	9.970e+05	6609.96	0.08	-552.50	0.0	5.344e+04	-4159.97	118.98	4.154e+04	-4346.21	9.970e+05
		7.441e+05	-4346.21	-7.64e-05	0.0	92.1	5.344e+04	-4712.47	118.98	4.154e+04	6609.96	7.441e+05
292	310	6.350e+05	300.31	0.06	-552.50	0.0	3.825e+04	-4998.69	9.11	7237.57	-538.77	6.350e+05
		3.232e+05	-538.77	3.02e-06	0.0	92.1	3.825e+04	-5551.19	9.11	7237.57	300.31	3.232e+05
292	313	1.593e+06	-948.09	0.17	-552.50	0.0	7.892e+04	-1.288e+04	45.70	5.363e+04	-5156.42	1.593e+06
		8.214e+05	-5156.42	-2.69e-04	0.0	92.1	7.892e+04	-1.343e+04	45.70	5.363e+04	-948.09	8.214e+05
292	314	8.978e+05	5378.83	0.08	-552.50	0.0	4.993e+04	-4375.57	90.42	3.288e+04	-2947.28	8.978e+05
		6.300e+05	-2947.28	3.14e-05	0.0	92.1	4.993e+04	-4928.07	90.42	3.288e+04	5378.83	6.300e+05
292	316	5.665e+05	1311.05	0.06	-552.50	0.0	4.026e+04	-5014.77	8.24	5054.34	552.53	5.665e+05
		2.531e+05	552.53	2.13e-04	0.0	92.1	4.026e+04	-5567.27	8.24	5054.34	1311.05	2.531e+05
292	324	6.348e+05	697.18	0.06	-552.50	0.0	3.825e+04	-4996.96	7.90	6760.16	-29.94	6.348e+05
		3.233e+05	-29.94	1.02e-04	0.0	92.1	3.825e+04	-5549.46	7.90	6760.16	697.18	3.233e+05
292	334	4.208e+05	-832.69	0.04	-552.50	0.0	4.871e+04	-5958.60	-6.04	5602.06	-832.69	4.208e+05
		1.776e+05	-1045.94	2.61e-05	0.0	92.1	4.871e+04	-6511.10	-6.04	5602.06	-1045.94	1.776e+05
292	335	8.489e+05	2440.30	0.08	-552.50	0.0	2.778e+04	-4035.32	21.83	7918.26	772.82	8.489e+05
		4.691e+05	772.82	1.90e-04	0.0	92.1	2.778e+04	-4587.82	21.83	7918.26	2440.30	4.691e+05
292	338	4.239e+05	-1173.16	0.04	-552.50	0.0	4.877e+04	-5957.98	-6.23	5893.48	-1173.16	4.239e+05
		1.792e+05	-1317.85	-1.17e-04	0.0	92.1	4.877e+04	-6510.48	-6.23	5893.48	-1317.85	1.792e+05
292	339	8.457e+05	2712.22	0.08	-552.50	0.0	2.772e+04	-4035.94	22.02	7626.84	1113.29	8.457e+05
		4.675e+05	1113.29	3.20e-04	0.0	92.1	2.772e+04	-4588.44	22.02	7626.84	2712.22	4.675e+05
292	350	5.727e+05	-1500.10	0.06	-552.50	0.0	4.195e+04	-5308.42	7.48	1.037e+04	-2238.34	5.727e+05
		2.782e+05	-2238.34	-5.32e-04	0.0	92.1	4.195e+04	-5860.92	7.48	1.037e+04	-1500.10	2.782e+05
292	351	6.969e+05	2894.47	0.07	-552.50	0.0	3.454e+04	-4685.49	8.31	3145.87	2178.47	6.969e+05
		3.685e+05	2178.47	7.35e-04	0.0	92.1	3.454e+04	-5237.99	8.31	3145.87	2894.47	3.685e+05
292	366	5.257e+05	-309.12	0.05	-552.50	0.0	4.352e+04	-5485.81	0.73	6217.36	-309.12	5.257e+05
		2.492e+05	-595.31	-7.20e-06	0.0	92.1	4.352e+04	-6038.31	0.73	6217.36	-309.12	2.492e+05
292	367	7.440e+05	1703.49	0.07	-552.50	0.0	3.297e+04	-4508.10	15.06	7302.96	535.44	7.440e+05
		3.975e+05	535.44	2.11e-04	0.0	92.1	3.297e+04	-5060.60	15.06	7302.96	1703.49	3.975e+05
292	370	5.263e+05	-312.68	0.05	-552.50	0.0	4.358e+04	-5487.17	0.81	6305.66	-606.06	5.263e+05
		2.493e+05	-606.06	-7.06e-06	0.0	92.1	4.358e+04	-6039.67	0.81	6305.66	-312.68	2.493e+05
292	371	7.434e+05	1707.05	0.07	-552.50	0.0	3.291e+04	-4506.74	14.98	7214.66	546.18	7.434e+05

		3.974e+05	546.18	2.11e-04	0.0	92.1	3.291e+04	-5059.24	14.98	7214.66	1707.05	3.974e+05
292	382	6.028e+05	-394.95	0.06	-552.50	0.0	4.012e+04	-5155.53	7.66	8565.31	-1126.72	6.028e+05
		3.002e+05	-1126.72	-2.11e-04	0.0	92.1	4.012e+04	-5708.03	7.66	8565.31	-394.95	3.002e+05
292	383	6.668e+05	1789.32	0.07	-552.50	0.0	3.637e+04	-4838.38	8.13	4955.01	1066.85	6.668e+05
		3.465e+05	1066.85	4.15e-04	0.0	92.1	3.637e+04	-5390.88	8.13	4955.01	1789.32	3.465e+05
293	149	5.517e+06	-2.868e+04	-0.08	-826.88	0.0	2.572e+05	8835.09	-95.21	-5.329e+04	-2.868e+04	4.952e+06
		4.952e+06	-3.170e+04	7.15e-04	153.43	102.1	2.572e+05	8008.22	58.22	-5.329e+04	-3.057e+04	5.517e+06
293	164	9.059e+05	-4056.40	-0.01	-612.50	0.0	4.965e+04	1074.18	-4.83	-6743.84	-4056.40	8.560e+05
		8.560e+05	-4549.25	1.50e-04	0.0	102.1	4.965e+04	461.68	-4.83	-6743.84	-4549.25	9.059e+05
293	206	8.811e+05	-3388.77	-0.01	-612.50	0.0	5.059e+04	1077.66	-4.32	-6630.22	-3388.77	8.314e+05
		8.314e+05	-3829.78	6.99e-05	0.0	102.1	5.059e+04	465.16	-4.32	-6630.22	-3829.78	8.811e+05
293	231	8.323e+05	-4517.68	-0.01	-612.50	0.0	5.455e+04	1132.40	-6.62	-7119.92	-4517.68	7.805e+05
		7.805e+05	-5193.22	9.70e-05	0.0	102.1	5.455e+04	519.90	-6.62	-7119.92	-5193.22	8.323e+05
293	281	3.535e+06	-1.751e+04	-0.05	-612.50	0.0	1.592e+05	6094.15	-66.60	-3.389e+04	-1.751e+04	3.145e+06
		3.145e+06	-1.972e+04	4.57e-04	102.29	102.1	1.592e+05	5481.65	35.69	-3.389e+04	-1.909e+04	3.535e+06
293	288	9.281e+05	-4699.23	-0.01	-612.50	0.0	5.169e+04	1117.06	-7.52	-8267.55	-4699.23	8.754e+05
		8.754e+05	-5467.11	1.56e-04	0.0	102.1	5.169e+04	504.56	-7.52	-8267.55	-5467.11	9.281e+05
293	310	9.140e+05	-4784.40	-0.01	-612.50	0.0	5.220e+04	1116.69	-7.52	-8296.53	-4784.40	8.612e+05
		8.612e+05	-5552.43	1.70e-04	0.0	102.1	5.220e+04	504.19	-7.52	-8296.53	-5552.43	9.140e+05
293	313	2.866e+06	-1.349e+04	-0.04	-612.50	0.0	1.327e+05	4850.76	-12.22	-2.673e+04	-1.349e+04	2.866e+06
		2.561e+06	-1.474e+04	2.81e-04	0.0	102.1	1.327e+05	4238.26	-12.22	-2.673e+04	-1.474e+04	2.866e+06
293	316	8.410e+05	-4060.28	-0.01	-612.50	0.0	5.431e+04	1131.26	-6.54	-7300.11	-4060.28	7.891e+05
		7.891e+05	-4727.85	-1.07e-04	0.0	102.1	5.431e+04	518.76	-6.54	-7300.11	-4727.85	8.410e+05
293	324	9.116e+05	-4256.49	-0.01	-612.50	0.0	5.231e+04	1119.36	-7.19	-8192.26	-4256.49	8.590e+05
		8.590e+05	-4989.97	1.03e-04	0.0	102.1	5.231e+04	506.86	-7.19	-8192.26	-4989.97	9.116e+05
293	337	5.929e+05	-2736.41	-8.30e-03	-612.50	0.0	6.946e+04	1415.43	0.43	-1.076e+04	-5884.23	5.597e+05
		5.597e+05	-5884.23	-2.69e-04	0.0	102.1	6.946e+04	802.93	0.43	-1.076e+04	-2736.41	5.929e+05
293	340	1.230e+06	-2628.74	-0.02	-612.50	0.0	3.517e+04	823.29	-14.80	-5627.94	-2628.74	1.158e+06
		1.158e+06	-7243.53	2.74e-04	0.0	102.1	3.517e+04	210.79	-14.80	-5627.94	-7243.53	1.230e+06
293	351	9.850e+05	-1056.12	-0.01	-612.50	0.0	4.957e+04	1196.53	-15.33	-6806.83	-1056.12	9.307e+05
		9.307e+05	-2788.24	-8.51e-04	0.0	102.1	4.957e+04	584.03	-15.33	-6806.83	-2788.24	9.850e+05
293	352	1.025e+06	-6020.00	-0.01	-612.50	0.0	4.526e+04	899.64	-4.57	-1.147e+04	-6020.00	9.635e+05
		9.635e+05	-8078.13	8.12e-04	0.0	102.1	4.526e+04	287.14	-4.57	-1.147e+04	-8078.13	1.025e+06
293	369	7.478e+05	-3852.02	-0.01	-612.50	0.0	6.102e+04	1268.13	-3.30	-9504.14	-3852.02	7.051e+05
		7.051e+05	-5096.84	-1.41e-04	0.0	102.1	6.102e+04	655.63	-3.30	-9504.14	-5096.84	7.478e+05
293	372	1.075e+06	-3416.13	-0.02	-612.50	0.0	4.360e+04	970.59	-11.07	-6880.39	-3416.13	1.013e+06
		1.013e+06	-6127.92	1.78e-04	0.0	102.1	4.360e+04	358.09	-11.07	-6880.39	-6127.92	1.075e+06
293	383	9.497e+05	-2661.08	-0.01	-612.50	0.0	5.089e+04	1157.03	-11.25	-7515.82	-2661.08	8.962e+05
		8.962e+05	-3905.49	-4.30e-04	0.0	102.1	5.089e+04	544.53	-11.25	-7515.82	-3905.49	9.497e+05
293	384	9.696e+05	-5120.15	-0.01	-612.50	0.0	4.875e+04	1009.74	-5.93	-9829.67	-5120.15	9.125e+05
		9.125e+05	-6526.06	4.09e-04	0.0	102.1	4.875e+04	397.24	-5.93	-9829.67	-6526.06	9.696e+05
294	149	3.330e+06	-8373.44	0.36	-745.88	0.0	1.661e+05	-2.738e+04	-136.79	1.277e+05	-8373.44	3.330e+06
		1.714e+06	-1.460e+04	4.34e-04	138.40	92.1	1.661e+05	-2.813e+04	1.61	1.277e+05	-1.460e+04	1.714e+06
294	164	6.521e+05	-2568.44	0.06	-552.50	0.0	3.704e+04	-4926.29	-26.62	-697.91	-2568.44	6.521e+05
		3.479e+05	-5019.75	2.94e-04	0.0	92.1	3.704e+04	-5478.79	-26.62	-697.91	-5019.75	3.479e+05
294	206	6.285e+05	-2004.28	0.06	-552.50	0.0	3.788e+04	-4951.92	-28.06	-1055.42	-2004.28	6.285e+05
		3.237e+05	-4587.81	3.87e-04	0.0	92.1	3.788e+04	-5504.42	-28.06	-1055.42	-4587.81	3.237e+05
294	231	5.595e+05	-2412.35	0.06	-552.50	0.0	4.184e+04	-5100.12	-31.38	-3853.46	-2412.35	5.595e+05
		2.419e+05	-5301.73	4.92e-04	0.0	92.1	4.184e+04	-5652.62	-31.38	-3853.46	-5301.73	2.419e+05
294	281	2.069e+06	-4017.87	0.23	-552.50	0.0	9.952e+04	-1.699e+04	-99.91	6.145e+04	-4017.87	2.069e+06
		1.066e+06	-8970.15	4.49e-04	92.27	92.1	9.952e+04	-1.754e+04	-7.65	6.145e+04	-8970.15	1.066e+06
294	288	6.654e+05	-3159.46	0.07	-552.50	0.0	3.863e+04	-5082.48	-30.33	142.23	-3159.46	6.654e+05
		3.527e+05	-5952.62	3.68e-04	0.0	92.1	3.863e+04	-5634.98	-30.33	142.23	-5952.62	3.527e+05
294	310	6.504e+05	-3232.41	0.06	-552.50	0.0	3.913e+04	-5093.63	-30.27	261.42	-3232.41	6.504e+05
		3.365e+05	-6019.99	3.36e-04	0.0	92.1	3.913e+04	-5646.13	-30.27	261.42	-6019.99	3.365e+05
294	313	1.703e+06	-3075.22	0.18	-552.50	0.0	8.464e+04	-1.401e+04	-48.16	4.543e+04	-3075.22	1.703e+06
		8.732e+05	-7509.60	5.15e-04	0.0	92.1	8.464e+04	-1.456e+04	-48.16	4.543e+04	-7509.60	8.732e+05
294	314	9.392e+05	-3207.07	0.08	-552.50	0.0	5.239e+04	-4203.35	-47.08	-2976.28	-3207.07	9.392e+05
		6.900e+05	-7542.20	3.73e-04	0.0	92.1	5.239e+04	-4755.85	-47.08	-2976.28	-7542.20	6.900e+05
294	316	5.721e+05	-2180.72	0.06	-552.50	0.0	4.147e+04	-5102.88	-32.37	-3361.02	-2180.72	5.721e+05
		2.562e+05	-5161.74	5.45e-04	0.0	92.1	4.147e+04	-5655.38	-32.37	-3361.02	-5161.74	2.562e+05
294	324	6.496e+05	-2785.33	0.06	-552.50	0.0	3.919e+04	-5099.54	-31.29	-94.52	-2785.33	6.496e+05
		3.365e+05	-5666.23	4.31e-04	0.0	92.1	3.919e+04	-5652.04	-31.29	-94.52	-5666.23	3.365e+05
294	331	8.659e+05	-306.04	0.09	-552.50	0.0	2.942e+04	-6149.14	-47.58	2154.84	-306.04	8.659e+05
		4.777e+05	-6067.70	6.22e-04	0.0	92.1	2.942e+04	-6701.64	-47.58	2154.84	-6067.70	4.777e+05
294	333	4.269e+05	-4475.04	0.04	-552.50	0.0	4.984e+04	-4117.51	-20.97	-4286.22	-4475.04	4.269e+05
		1.868e+05	-4617.79	4.33e-04	0.0	92.1	4.984e+04	-4670.01	-20.97	-4286.22	-4617.79	1.868e+05
294	336	8.724e+05	-1095.63	0.09	-552.50	0.0	2.854e+04	-6081.57	-41.60	4097.18	-1095.63	8.724e+05
		4.863e+05	-6714.67	4.29e-04	0.0	92.1	2.854e+04	-6634.07	-41.60	4097.18	-6714.67	4.863e+05
294	337	4.290e+05	-4157.65	0.04	-552.50	0.0	5.027e+04	-4129.73	-21.21	-4447.62	-4157.65	4.290e+05
		1.890e+05	-4503.96	5.60e-04	0.0	92.1	5.027e+04	-4682.23	-21.21	-4447.62	-4503.96	1.890e+05
294	340	8.703e+05	-1413.01	0.09	-552.50	0.0	2.812e+04	-6069.35	-41.36	4258.57	-1413.01	8.703e+05
		4.840e+05	-6828.51	3.05e-04	0.0	92.1	2.812e+04	-6621.85	-41.36	4258.57	-6828.51	4.840e+05
294	356	7.213e+05	-4032.03	0.07	-552.50	0.0	3.410e+04	-5255.42	-24.83	4141.56	-4032.03	7.213e+05
		3.895e+05	-7156.77	-1.43e-04	0.0	92.1	3.410e+04	-5807.92	-24.83	4141.56	-7156.77	3.895e+05
294	365	5.383e+05	-3467.24	0.05	-552.50	0.0	4.465e+04	-4593.61	-26.07	-2272.37	-3467.24	5.383e+05
		2.604e+05	-5065.35	4.93e-04	0.0	92.1	4.465e+04	-5146.11	-26.07	-2272.37	-5065.35	2.604e+05

294	367	7.635e+05	-1512.02	0.08	-552.50	0.0	3.400e+04	-5629.36	-39.45	1210.64	-1512.02	7.635e+05
		4.091e+05	-5870.29	5.46e-04	0.0	92.1	3.400e+04	-6181.86	-39.45	1210.64	-5870.29	4.091e+05
294	369	5.361e+05	-3492.12	0.05	-552.50	0.0	4.481e+04	-4603.76	-26.14	-2316.29	-3492.12	5.361e+05
		2.608e+05	-5077.38	4.91e-04	0.0	92.1	4.481e+04	-5156.26	-26.14	-2316.29	-5077.38	2.608e+05
294	372	7.632e+05	-2078.55	0.08	-552.50	0.0	3.358e+04	-5595.33	-36.43	2127.25	-2078.55	7.632e+05
		4.123e+05	-6255.08	3.70e-04	0.0	92.1	3.358e+04	-6147.83	-36.43	2127.25	-6255.08	4.123e+05
294	375	6.876e+05	-1504.43	0.07	-552.50	0.0	3.806e+04	-5293.34	-38.21	-1053.12	-1504.43	6.876e+05
		3.529e+05	-5124.37	7.31e-04	0.0	92.1	3.806e+04	-5845.84	-38.21	-1053.12	-5124.37	3.529e+05
294	380	6.791e+05	-3477.73	0.07	-552.50	0.0	3.715e+04	-5215.09	-28.37	1882.41	-3477.73	6.791e+05
		3.647e+05	-6448.36	1.83e-04	0.0	92.1	3.715e+04	-5767.59	-28.37	1882.41	-6448.36	3.647e+05
295	49	5.535e+06	-2.891e+04	-0.08	-826.88	0.0	2.560e+05	8828.69	-14.81	-5.070e+04	-2.891e+04	4.973e+06
		4.973e+06	-3.042e+04	6.05e-04	0.0	102.1	2.560e+05	8001.81	-14.81	-5.070e+04	-3.042e+04	5.535e+06
295	160	8.936e+05	-4423.01	-0.01	-612.50	0.0	4.994e+04	1071.52	-4.76	-6646.27	-4423.01	8.441e+05
		8.441e+05	-4909.08	1.23e-04	0.0	102.1	4.994e+04	459.02	-4.76	-6646.27	-4909.08	8.936e+05
295	178	8.764e+05	-4084.25	-0.01	-612.50	0.0	5.047e+04	1070.87	-4.86	-6677.27	-4084.25	8.268e+05
		8.268e+05	-4580.13	1.14e-04	0.0	102.1	5.047e+04	458.37	-4.86	-6677.27	-4580.13	8.764e+05
295	206	8.821e+05	-3388.88	-0.01	-612.50	0.0	5.064e+04	1073.32	-4.34	-6604.72	-3388.88	8.327e+05
		8.327e+05	-3831.70	7.04e-05	0.0	102.1	5.064e+04	460.82	-4.34	-6604.72	-3831.70	8.821e+05
295	231	3.549e+06	-1.775e+04	-0.05	-612.50	0.0	1.583e+05	6095.46	-12.77	-3.214e+04	-1.775e+04	3.161e+06
		3.161e+06	-1.905e+04	3.62e-04	0.0	102.1	1.583e+05	5482.96	-12.77	-3.214e+04	-1.905e+04	3.549e+06
295	240	8.998e+05	-4956.43	-0.01	-612.50	0.0	5.186e+04	1066.84	-7.31	-8021.50	-4956.43	8.507e+05
		8.507e+05	-5703.06	1.26e-04	0.0	102.1	5.186e+04	454.34	-7.31	-8021.50	-5703.06	8.998e+05
295	300	8.237e+05	-4240.59	-0.01	-612.50	0.0	5.480e+04	1104.73	-8.88	-8714.80	-4240.59	7.703e+05
		7.703e+05	-5147.05	1.58e-04	0.0	102.1	5.480e+04	492.23	-8.88	-8714.80	-5147.05	8.237e+05
295	310	9.158e+05	-4843.01	-0.01	-612.50	0.0	5.219e+04	1113.85	-7.36	-8201.65	-4843.01	8.635e+05
		8.635e+05	-5594.67	1.34e-04	0.0	102.1	5.219e+04	501.35	-7.36	-8201.65	-5594.67	9.158e+05
295	313	8.410e+05	-3874.12	-0.01	-612.50	0.0	5.450e+04	1107.91	-8.29	-8565.76	-3874.12	7.879e+05
		7.879e+05	-4720.25	1.24e-04	0.0	102.1	5.450e+04	495.41	-8.29	-8565.76	-4720.25	8.410e+05
295	316	2.883e+06	-1.394e+04	-0.04	-612.50	0.0	1.320e+05	4851.16	-11.28	-2.611e+04	-1.394e+04	2.579e+06
		2.579e+06	-1.509e+04	2.77e-04	0.0	102.1	1.320e+05	4238.66	-11.28	-2.611e+04	-1.509e+04	2.883e+06
295	324	9.127e+05	-4256.67	-0.01	-612.50	0.0	5.237e+04	1114.84	-7.20	-8161.96	-4256.67	8.604e+05
		8.604e+05	-4992.11	1.04e-04	0.0	102.1	5.237e+04	502.34	-7.20	-8161.96	-4992.11	9.127e+05
295	329	7.474e+05	-2831.91	-0.01	-612.50	0.0	6.261e+04	1284.04	-2.28	-9536.02	-2831.91	7.040e+05
		7.040e+05	-4275.75	-1.51e-04	0.0	102.1	6.261e+04	671.54	-2.28	-9536.02	-4275.75	7.474e+05
295	332	1.078e+06	-4237.59	-0.01	-612.50	0.0	4.213e+04	945.63	-12.13	-6787.91	-4237.59	1.017e+06
		1.017e+06	-7152.32	2.07e-04	0.0	102.1	4.213e+04	333.13	-12.13	-6787.91	-7152.32	1.078e+06
295	337	7.474e+05	-2901.03	-0.01	-612.50	0.0	6.273e+04	1287.81	-2.47	-9607.38	-2901.03	7.040e+05
		7.040e+05	-4207.48	-1.28e-04	0.0	102.1	6.273e+04	675.31	-2.47	-9607.38	-4207.48	7.474e+05
295	340	1.078e+06	-4305.87	-0.01	-612.50	0.0	4.200e+04	941.87	-11.94	-6716.55	-4305.87	1.017e+06
		1.017e+06	-7083.20	1.92e-04	0.0	102.1	4.200e+04	329.37	-11.94	-6716.55	-7083.20	1.078e+06
295	351	9.365e+05	556.01	-0.01	-612.50	0.0	5.330e+04	1170.33	-9.58	-5686.45	556.01	8.765e+05
		8.765e+05	-874.27	-3.87e-04	0.0	102.1	5.330e+04	557.83	-9.58	-5686.45	-874.27	9.365e+05
295	352	9.837e+05	-8264.09	-0.01	-612.50	0.0	4.595e+04	975.37	-7.93	-9472.32	-8264.09	9.331e+05
		9.331e+05	-9619.05	4.41e-04	0.0	102.1	4.595e+04	362.87	-7.93	-9472.32	-9619.05	9.837e+05
295	361	8.278e+05	-3909.84	-0.01	-612.50	0.0	5.755e+04	1199.97	-4.71	-8863.03	-3909.84	7.801e+05
		7.801e+05	-4280.33	-8.20e-05	0.0	102.1	5.755e+04	587.47	-4.71	-8863.03	-4280.33	8.278e+05
295	364	9.975e+05	-4233.02	-0.01	-612.50	0.0	4.719e+04	1029.71	-9.70	-7460.90	-4233.02	9.407e+05
		9.407e+05	-6074.39	1.53e-04	0.0	102.1	4.719e+04	417.21	-9.70	-7460.90	-6074.39	9.975e+05
295	369	8.278e+05	-3943.70	-0.01	-612.50	0.0	5.761e+04	1201.82	-4.80	-8898.37	-3943.70	7.801e+05
		7.801e+05	-4246.62	-7.06e-05	0.0	102.1	5.761e+04	589.32	-4.80	-8898.37	-4246.62	8.278e+05
295	372	9.975e+05	-4266.73	-0.01	-612.50	0.0	4.712e+04	1027.86	-9.61	-7425.56	-4266.73	9.407e+05
		9.407e+05	-6040.53	1.46e-04	0.0	102.1	4.712e+04	415.36	-9.61	-7425.56	-6040.53	9.975e+05
295	383	9.253e+05	-1860.63	-0.01	-612.50	0.0	5.280e+04	1141.95	-8.40	-6928.24	-1860.63	8.691e+05
		8.691e+05	-2948.40	-1.99e-04	0.0	102.1	5.280e+04	529.45	-8.40	-6928.24	-2948.40	9.253e+05
295	384	9.488e+05	-6244.02	-0.01	-612.50	0.0	4.915e+04	1045.34	-7.58	-8806.05	-6244.02	8.973e+05
		8.973e+05	-7294.08	2.64e-04	0.0	102.1	4.915e+04	432.84	-7.58	-8806.05	-7294.08	9.488e+05
296	41	1.597e+06	-1.392e+04	-0.20	-745.88	0.0	7.016e+04	1.779e+04	198.51	-8.574e+04	-1.392e+04	5.482e+06
		5.482e+05	-3.220e+04	4.31e-04	0.0	92.1	7.016e+04	1.705e+04	198.51	-8.574e+04	-3.220e+04	5.482e+06
296	49	2.222e+06	-1.379e+04	-0.40	-745.88	0.0	8.479e+04	3.103e+04	58.24	-1.698e+05	-1.379e+04	3.644e+05
		3.644e+05	-1.915e+04	3.60e-04	0.0	92.1	8.479e+04	3.028e+04	58.24	-1.698e+05	-1.915e+04	2.222e+06
296	150	6.477e+05	-7266.31	-0.12	-552.50	0.0	4.447e+04	1.242e+04	22.70	-6.194e+04	-1.573e+04	6.477e+05
		6.477e+05	-1.573e+04	2.03e-04	138.40	92.1	4.447e+04	1.186e+04	161.10	-6.194e+04	-7266.31	6.477e+05
296	164	4.357e+05	-5072.27	-0.07	-552.50	0.0	2.147e+04	6827.82	40.12	-1.168e+04	-5072.27	4.357e+05
		3.068e+04	-8766.83	9.76e-05	0.0	92.1	2.147e+04	6275.32	40.12	-1.168e+04	-5072.27	4.357e+05
296	206	4.257e+05	-4588.26	-0.07	-552.50	0.0	2.184e+04	6857.18	45.00	-1.159e+04	-4588.26	4.257e+05
		1.993e+04	-8731.73	-3.19e-04	0.0	92.1	2.184e+04	6304.68	45.00	-1.159e+04	-4588.26	4.257e+05
296	227	9.168e+05	-8527.56	-0.11	-552.50	0.0	3.849e+04	9063.41	136.44	-2.355e+04	-2.109e+04	3.958e+05
		3.958e+05	-2.109e+04	2.34e-04	0.0	92.1	3.849e+04	8510.91	136.44	-2.355e+04	-8527.56	9.168e+05
296	231	1.380e+06	-8431.74	-0.25	-552.50	0.0	4.933e+04	1.887e+04	32.53	-8.578e+04	-1.143e+04	2.596e+05
		2.596e+05	-1.143e+04	1.76e-04	0.0	92.1	4.933e+04	1.831e+04	32.53	-8.578e+04	-8431.74	1.380e+06
296	281	3.418e+05	-5926.03	-0.07	-552.50	0.0	2.600e+04	7108.14	19.81	-1.286e+04	-2.109e+04	3.418e+05
		3.418e+05	-1.200e+04	-2.95e-04	92.27	92.1	2.600e+04	6555.64	112.08	-1.286e+04	-5926.03	3.418e+05
296	288	4.485e+05	-5987.78	-0.07	-552.50	0.0	2.239e+04	7064.02	38.68	-1.537e+04	-5987.78	4.485e+05
		2.923e+04	-9549.69	-1.86e-04	0.0	92.1	2.239e+04	6511.52	38.68	-1.537e+04	-5987.78	4.485e+05
296	300	3.398e+05	-5378.82	-0.06	-552.50	0.0	2.586e+04	7075.05	68.35	-1.058e+04	-5378.82	3.398e+05
		3.398e+05	-1.167e+04	-3.88e-04	0.0	92.1	2.586e+04	6522.55	68.35	-1.058e+04	-5378.82	3.398e+05
296	309	4.418e+05	-5666.71	-0.07	-552.50	0.0	2.264e+04	7083.56	41.92	-1.532e+04	-5666.71	2.205e+04

		2.205e+04	-9527.15	-3.41e-04	0.0	92.1	2.264e+04	6531.06	41.92	-1.532e+04	-5666.71	4.418e+05
296	313	3.618e+05	-5204.08	-0.07	-552.50	0.0	2.520e+04	7092.23	63.83	-1.174e+04	-1.108e+04	-6.784e+04
		-6.784e+04	-1.108e+04	-4.94e-04	0.0	92.1	2.520e+04	6539.73	63.83	-1.174e+04	-5204.08	3.618e+05
296	315	7.940e+05	-7559.70	-0.10	-552.50	0.0	3.463e+04	8573.35	115.19	-2.112e+04	-1.817e+04	2.991e+05
		2.991e+05	-1.817e+04	-3.30e-04	0.0	92.1	3.463e+04	8020.85	115.19	-2.112e+04	-7559.70	7.940e+05
296	316	1.141e+06	-7487.84	-0.21	-552.50	0.0	4.275e+04	1.592e+04	37.26	-6.780e+04	-1.092e+04	1.970e+05
		1.970e+05	-1.092e+04	-2.63e-04	0.0	92.1	4.275e+04	1.537e+04	37.26	-6.780e+04	-7487.84	1.141e+06
296	324	4.418e+05	-5666.71	-0.07	-552.50	0.0	2.264e+04	7083.56	41.92	-1.532e+04	-9527.15	2.205e+04
		2.205e+04	-9527.15	-3.41e-04	0.0	92.1	2.264e+04	6531.06	41.92	-1.532e+04	-5666.71	4.418e+05
296	326	3.360e+05	-5464.19	-0.06	-552.50	0.0	2.771e+04	6447.16	88.99	-1.324e+04	-1.406e+04	-7.120e+04
		-7.120e+04	-1.406e+04	2.58e-04	0.0	92.1	2.771e+04	5894.66	88.99	-1.324e+04	-5464.19	3.360e+05
296	335	5.464e+05	-4999.43	-0.09	-552.50	0.0	1.749e+04	7723.44	-5.78	-1.748e+04	-4999.43	5.481e+05
		1.167e+05	-5909.23	-7.75e-04	0.0	92.1	1.749e+04	7170.94	-5.78	-1.748e+04	-5909.23	5.481e+05
296	338	3.372e+05	-5624.90	-0.06	-552.50	0.0	2.780e+04	6436.84	89.09	-1.328e+04	-1.399e+04	-7.280e+04
		-7.280e+04	-1.399e+04	3.60e-04	0.0	92.1	2.780e+04	5884.34	89.09	-1.328e+04	-5624.90	3.372e+05
296	339	3.378e+05	-5063.58	-0.09	-552.50	0.0	1.748e+04	7730.28	-5.25	-1.735e+04	-5708.52	5.464e+05
		1.169e+05	-5708.52	-9.80e-04	0.0	92.1	1.748e+04	7177.78	-5.25	-1.735e+04	-5708.52	5.464e+05
296	353	4.378e+05	-4281.06	-0.07	-552.50	0.0	2.290e+04	7102.30	44.99	-1.168e+04	-9496.29	1.121e+04
		1.121e+04	-9496.29	-2.51e-03	0.0	92.1	2.290e+04	6549.80	44.99	-1.168e+04	-4281.06	4.378e+05
296	358	3.872e+05	-5778.92	-0.07	-552.50	0.0	2.519e+04	6757.16	65.27	-1.433e+04	-1.180e+04	-2.533e+04
		-2.533e+04	-1.180e+04	-1.67e-04	0.0	92.1	2.519e+04	6204.66	65.27	-1.433e+04	-5578.92	3.872e+05
296	366	3.869e+05	-5559.80	-0.07	-552.50	0.0	2.523e+04	6755.45	65.59	-1.428e+04	-1.180e+04	-2.602e+04
		-2.602e+04	-1.180e+04	-1.87e-04	0.0	92.1	2.523e+04	6202.95	65.59	-1.428e+04	-5559.80	3.869e+05
296	367	4.967e+05	-5773.63	-0.08	-552.50	0.0	2.005e+04	7411.66	18.26	-1.635e+04	-7256.47	7.012e+04
		7.012e+04	-7256.47	-4.95e-04	0.0	92.1	2.005e+04	6859.16	18.26	-1.635e+04	-5773.63	4.967e+05
296	370	3.885e+05	-5640.71	-0.07	-552.50	0.0	2.524e+04	6754.20	65.53	-1.426e+04	-1.176e+04	-2.563e+04
		-2.563e+04	-1.176e+04	1.59e-04	0.0	92.1	2.524e+04	6201.70	65.53	-1.426e+04	-5640.71	3.885e+05
296	371	4.951e+05	-5692.71	-0.08	-552.50	0.0	2.004e+04	7412.91	18.32	-1.637e+04	-7295.53	6.973e+04
		6.973e+04	-7295.53	-6.59e-04	0.0	92.1	2.004e+04	6860.41	18.32	-1.637e+04	-5692.71	4.951e+05
296	385	4.394e+05	-4977.75	-0.07	-552.50	0.0	2.278e+04	7090.59	43.52	-1.346e+04	-9521.92	1.645e+04
		1.645e+04	-9521.92	-1.42e-03	0.0	92.1	2.278e+04	6538.09	43.52	-1.346e+04	-4977.75	4.394e+05
297	42	1.790e+06	-4536.33	-0.02	-612.50	0.0	9.958e+04	384.13	5.07	50.93	-5054.22	1.778e+06
		1.778e+06	-5054.22	1.75e-04	0.0	102.1	9.958e+04	-228.37	5.07	50.93	-4536.33	1.778e+06
297	49	5.086e+06	1.186e+04	-0.07	-826.88	0.0	2.345e+05	7788.81	97.90	2.534e+04	1866.82	4.591e+06
		4.591e+06	1866.82	2.48e-04	0.0	102.1	2.345e+05	6961.93	97.90	2.534e+04	1.186e+04	5.086e+06
297	164	8.792e+05	680.82	-0.01	-612.50	0.0	4.926e+04	995.19	4.05	2148.80	267.78	8.348e+05
		8.348e+05	267.78	2.34e-05	0.0	102.1	4.926e+04	382.69	4.05	2148.80	680.82	8.792e+05
297	178	8.615e+05	728.91	-0.01	-612.50	0.0	4.978e+04	995.07	3.89	2097.54	332.15	8.171e+05
		8.171e+05	332.15	3.75e-05	0.0	102.1	4.978e+04	382.57	3.89	2097.54	728.91	8.615e+05
297	231	3.307e+06	1.196e+04	-0.05	-612.50	0.0	1.480e+05	5299.39	76.95	2.276e+04	4105.38	2.972e+06
		2.972e+06	4105.38	-1.31e-04	0.0	102.1	1.480e+05	4686.89	76.95	2.276e+04	1.196e+04	3.307e+06
297	241	8.775e+05	796.79	-0.01	-612.50	0.0	5.068e+04	956.80	4.42	2223.98	345.26	8.360e+05
		8.360e+05	345.26	-2.21e-05	0.0	102.1	5.068e+04	344.30	4.42	2223.98	796.79	8.775e+05
297	270	1.297e+06	-2465.83	-0.02	-612.50	0.0	7.801e+04	1464.54	-0.19	-1970.60	-2465.83	1.221e+06
		1.221e+06	-2485.04	1.13e-04	0.0	102.1	7.801e+04	852.04	-0.19	-1970.60	-2485.04	1.297e+06
297	300	8.071e+05	1279.29	-0.01	-612.50	0.0	5.344e+04	998.12	2.80	1462.68	993.91	7.624e+05
		7.624e+05	993.91	8.47e-05	0.0	102.1	5.344e+04	385.62	2.80	1462.68	1279.29	8.071e+05
297	311	1.030e+06	109.95	-0.01	-612.50	0.0	6.246e+04	1185.94	2.59	455.82	-154.00	9.729e+05
		9.729e+05	-154.00	1.57e-05	0.0	102.1	6.246e+04	573.44	2.59	455.82	109.95	1.030e+06
297	313	8.234e+05	1719.13	-0.01	-612.50	0.0	5.302e+04	997.99	3.41	1617.87	1370.85	7.789e+05
		7.789e+05	1370.85	4.09e-05	0.0	102.1	5.302e+04	385.49	3.41	1617.87	1719.13	8.234e+05
297	316	2.698e+06	9802.36	-0.04	-612.50	0.0	1.239e+05	4223.99	59.10	1.763e+04	3769.34	2.435e+06
		2.435e+06	3769.34	-1.29e-04	0.0	102.1	1.239e+05	3611.49	59.10	1.763e+04	9802.36	2.698e+06
297	318	8.686e+05	1455.91	-0.01	-612.50	0.0	5.093e+04	956.36	4.80	2296.98	966.01	8.272e+05
		8.272e+05	966.01	-5.77e-05	0.0	102.1	5.093e+04	343.86	4.80	2296.98	1455.91	8.686e+05
297	324	8.897e+05	1349.83	-0.01	-612.50	0.0	5.102e+04	998.96	4.42	2020.86	899.10	8.455e+05
		8.455e+05	899.10	-3.21e-05	0.0	102.1	5.102e+04	386.46	4.42	2020.86	1349.83	8.897e+05
297	332	1.044e+06	-119.46	-0.01	-612.50	0.0	4.178e+04	1098.22	0.98	571.50	-119.46	9.923e+05
		9.923e+05	-634.47	1.08e-04	0.0	102.1	4.178e+04	485.72	0.98	571.50	-634.47	1.044e+06
297	337	7.358e+05	3411.06	-9.82e-03	-612.50	0.0	6.029e+04	899.98	7.46	3446.20	2648.94	6.987e+05
		6.987e+05	2648.94	-1.43e-04	0.0	102.1	6.029e+04	287.48	7.46	3446.20	3411.06	7.358e+05
297	340	1.044e+06	-711.39	-0.01	-612.50	0.0	4.174e+04	1097.94	1.37	595.53	-850.73	9.923e+05
		9.923e+05	-850.73	9.69e-05	0.0	102.1	4.174e+04	485.44	1.37	595.53	-711.39	1.044e+06
297	353	8.365e+05	5927.90	-0.01	-612.50	0.0	5.462e+04	955.54	3.98	3959.36	5510.55	7.942e+05
		7.942e+05	5510.55	-4.01e-04	0.0	102.1	5.462e+04	343.04	3.98	3959.36	5927.90	8.365e+05
297	356	9.430e+05	-3228.24	-0.01	-612.50	0.0	4.742e+04	1042.38	4.85	82.37	-3712.34	8.967e+05
		8.967e+05	-3712.34	3.70e-04	0.0	102.1	4.742e+04	429.88	4.85	82.37	-3228.24	9.430e+05
297	364	9.689e+05	397.11	-0.01	-612.50	0.0	4.634e+04	1049.07	2.68	1291.64	397.11	9.209e+05
		9.209e+05	356.48	4.89e-05	0.0	102.1	4.634e+04	436.57	2.68	1291.64	356.48	9.689e+05
297	369	8.106e+05	2381.11	-0.01	-612.50	0.0	5.571e+04	948.99	5.96	2738.12	1772.64	7.700e+05
		7.700e+05	1772.64	-8.64e-05	0.0	102.1	5.571e+04	336.49	5.96	2738.12	2381.11	8.106e+05
297	372	9.689e+05	318.55	-0.01	-612.50	0.0	4.632e+04	1048.93	2.87	1303.61	25.57	9.209e+05
		9.209e+05	25.57	4.33e-05	0.0	102.1	4.632e+04	436.43	2.87	1303.61	318.55	9.689e+05
297	385	8.625e+05	3627.10	-0.01	-612.50	0.0	5.283e+04	977.17	4.21	2985.64	3192.10	8.192e+05
		8.192e+05	3192.10	-2.11e-04	0.0	102.1	5.283e+04	364.67	4.21	2985.64	3627.10	8.625e+05
297	388	9.170e+05	-927.44	-0.01	-612.50	0.0	4.920e+04	1020.75	4.62	1056.08	-1393.89	8.717e+05
		8.717e+05	-1393.89	1.79e-04	0.0	102.1	4.920e+04	408.25	4.62	1056.08	-927.44	9.170e+05

298	41	1.433e+06	3.286e+04	-0.18	-745.88	0.0	6.480e+04	1.544e+04	-270.65	-7.733e+04	3.286e+04	5.361e+05
		5.361e+05	7939.15	9.35e-04	0.0	92.1	6.480e+04	1.470e+04	-270.65	-7.733e+04	7939.15	1.433e+06
298	49	2.043e+06	1.855e+04	-0.37	-745.88	0.0	7.711e+04	2.785e+04	-238.85	-1.525e+05	1.855e+04	3.802e+05
		3.802e+05	-3439.21	1.79e-03	0.0	92.1	7.711e+04	2.710e+04	-238.85	-1.525e+05	-3439.21	2.043e+06
298	50	1.885e+06	1.681e+04	-0.34	-552.50	0.0	6.885e+04	2.528e+04	-221.07	-1.507e+05	1.681e+04	3.743e+05
		3.743e+05	-3548.28	1.77e-03	0.0	92.1	6.885e+04	2.473e+04	-221.07	-1.507e+05	-3548.28	1.885e+06
298	150	6.053e+05	1.559e+04	-0.11	-552.50	0.0	4.015e+04	1.116e+04	-164.25	-5.019e+04	1.559e+04	7.457e+04
		-7.457e+04	467.22	6.69e-04	0.0	92.1	4.015e+04	1.061e+04	-164.25	-5.019e+04	467.22	6.053e+05
298	164	4.254e+05	4370.19	-0.07	-552.50	0.0	2.099e+04	6622.11	-44.43	-29.37	4370.19	3.392e+04
		3.392e+04	279.24	3.13e-04	0.0	92.1	2.099e+04	6069.61	-44.43	-29.37	279.24	4.254e+05
298	227	8.323e+05	1.945e+04	-0.10	-552.50	0.0	3.665e+04	8083.26	-140.32	-1.678e+04	1.945e+04	3.738e+05
		3.738e+05	6527.22	3.63e-04	0.0	92.1	3.665e+04	7530.76	-140.32	-1.678e+04	6527.22	8.323e+05
298	231	1.284e+06	8850.83	-0.24	-552.50	0.0	4.577e+04	1.727e+04	-116.76	-7.248e+04	8850.83	2.583e+05
		2.583e+05	-1901.19	9.97e-04	0.0	92.1	4.577e+04	1.672e+04	-116.76	-7.248e+04	-1901.19	1.284e+06
298	281	3.366e+05	7931.78	-0.06	-552.50	0.0	2.451e+04	6814.35	-74.49	2051.16	7931.78	-7.409e+04
		-7.409e+04	1072.61	1.75e-04	0.0	92.1	2.451e+04	6261.85	-74.49	2051.16	1072.61	3.366e+05
298	288	4.308e+05	4521.07	-0.07	-552.50	0.0	2.164e+04	6789.87	-45.38	-1238.02	4521.07	2.873e+04
		2.873e+04	342.16	2.28e-04	0.0	92.1	2.164e+04	6237.37	-45.38	-1238.02	342.16	4.308e+05
298	309	4.235e+05	4570.74	-0.07	-552.50	0.0	2.190e+04	6798.78	-42.06	-1269.52	4570.74	2.054e+04
		2.054e+04	697.35	6.73e-05	0.0	92.1	2.190e+04	6246.28	-42.06	-1269.52	697.35	4.235e+05
298	313	3.543e+05	6871.84	-0.07	-552.50	0.0	2.399e+04	6809.71	-60.93	2140.23	6871.84	-5.457e+04
		-5.457e+04	1260.95	-1.03e-04	0.0	92.1	2.399e+04	6257.21	-60.93	2140.23	1260.95	3.543e+05
298	315	7.258e+05	1.563e+04	-0.09	-552.50	0.0	3.309e+04	7762.79	-111.59	-1.253e+04	1.563e+04	2.810e+05
		2.810e+05	5356.23	-1.51e-04	0.0	92.1	3.309e+04	7210.29	-111.59	-1.253e+04	5356.23	7.258e+05
298	316	1.065e+06	7683.94	-0.20	-552.50	0.0	3.993e+04	1.465e+04	-93.93	-5.431e+04	7683.94	1.944e+05
		1.944e+05	-965.08	6.06e-04	0.0	92.1	3.993e+04	1.410e+04	-93.93	-5.431e+04	-965.08	1.065e+06
298	324	4.235e+05	4570.74	-0.07	-552.50	0.0	2.190e+04	6798.78	-42.06	-1269.52	4570.74	2.054e+04
		2.054e+04	697.35	6.73e-05	0.0	92.1	2.190e+04	6246.28	-42.06	-1269.52	697.35	4.235e+05
298	334	3.290e+05	5731.70	-0.06	-552.50	0.0	2.682e+04	7346.04	-77.88	-1756.66	5731.70	-6.922e+04
		-6.922e+04	-1069.84	9.78e-04	0.0	92.1	2.682e+04	6793.54	-77.88	-1756.66	-1069.84	3.290e+05
298	335	5.180e+05	3409.79	-0.08	-552.50	0.0	1.697e+04	6251.51	-6.25	-782.38	3409.79	1.103e+05
		1.103e+05	2464.53	-8.43e-04	0.0	92.1	1.697e+04	5699.01	-6.25	-782.38	2464.53	5.180e+05
298	337	3.329e+05	6211.27	-0.06	-552.50	0.0	2.662e+04	7338.96	-65.61	138.32	6211.27	-6.561e+04
		-6.561e+04	-31.83	-1.57e-04	0.0	92.1	2.662e+04	6786.46	-65.61	138.32	-31.83	3.329e+05
298	338	3.293e+05	5698.67	-0.06	-552.50	0.0	2.681e+04	7343.18	-80.08	-2199.38	5698.67	-6.930e+04
		-6.930e+04	-1488.73	1.19e-03	0.0	92.1	2.681e+04	6790.68	-80.08	-2199.38	-1488.73	3.293e+05
298	350	3.898e+05	4097.23	-0.07	-552.50	0.0	2.365e+04	6968.12	-75.45	-5315.78	4097.23	-1.177e+04
		-1.177e+04	-2210.40	2.49e-03	0.0	92.1	2.365e+04	6415.62	-75.45	-5315.78	-2210.40	3.898e+05
298	366	3.749e+05	5149.52	-0.07	-552.50	0.0	2.438e+04	7078.85	-59.62	-1546.88	5149.52	-2.487e+04
		-2.487e+04	-169.17	4.57e-04	0.0	92.1	2.438e+04	6526.35	-59.62	-1546.88	-169.17	3.749e+05
298	367	4.721e+05	3991.97	-0.08	-552.50	0.0	1.941e+04	6518.71	-24.50	-992.16	3991.97	6.595e+04
		6.595e+04	1563.86	-3.22e-04	0.0	92.1	1.941e+04	5966.21	-24.50	-992.16	1563.86	4.721e+05
298	369	3.772e+05	5390.68	-0.07	-552.50	0.0	2.427e+04	7074.24	-53.90	-562.40	5390.68	-2.284e+04
		-2.284e+04	328.19	-7.79e-05	0.0	92.1	2.427e+04	6521.74	-53.90	-562.40	328.19	3.772e+05
298	382	4.064e+05	4339.37	-0.07	-552.50	0.0	2.278e+04	6885.09	-58.70	-3302.70	4339.37	4330.22
		4330.22	-749.82	1.27e-03	0.0	92.1	2.278e+04	6332.59	-58.70	-3302.70	-749.82	4.064e+05
299	49	4.572e+06	-3.404e+04	-0.06	-826.88	0.0	2.120e+05	6519.48	-177.91	-7.324e+04	-3.404e+04	4.162e+06
		4.162e+06	-5.220e+04	1.42e-03	0.0	102.1	2.120e+05	5692.60	-177.91	-7.324e+04	-5.220e+04	4.572e+06
299	126	8.762e+05	-2137.91	-0.01	-612.50	0.0	4.933e+04	994.47	-5.22	-2355.11	-2137.91	8.319e+05
		8.319e+05	-2670.70	1.03e-04	0.0	102.1	4.933e+04	381.97	-5.22	-2355.11	-2670.70	8.762e+05
299	140	8.590e+05	-2073.82	-0.01	-612.50	0.0	4.981e+04	994.79	-5.33	-2421.83	-2073.82	8.148e+05
		8.148e+05	-2617.57	1.10e-04	0.0	102.1	4.981e+04	382.29	-5.33	-2421.83	-2617.57	8.590e+05
299	206	8.677e+05	-1073.26	-0.01	-612.50	0.0	4.971e+04	994.44	-4.47	-2182.25	-1073.26	8.234e+05
		8.234e+05	-1529.17	4.06e-05	0.0	102.1	4.971e+04	381.94	-4.47	-2182.25	-1529.17	8.677e+05
299	231	3.054e+06	-2.036e+04	-0.04	-612.50	0.0	1.379e+05	4582.67	-118.94	-4.606e+04	-2.036e+04	2.766e+06
		2.766e+06	-3.250e+04	8.63e-04	0.0	102.1	1.379e+05	3970.17	-118.94	-4.606e+04	-3.250e+04	3.054e+06
299	241	8.769e+05	-1451.08	-0.01	-612.50	0.0	5.071e+04	959.94	-4.40	-1768.43	-1451.08	8.351e+05
		8.351e+05	-1900.01	4.14e-05	0.0	102.1	5.071e+04	347.44	-4.40	-1768.43	-1900.01	8.769e+05
299	281	8.102e+05	-979.32	-0.01	-612.50	0.0	5.309e+04	1001.48	-6.01	-2755.25	-979.32	7.664e+05
		7.664e+05	-1592.56	1.08e-04	0.0	102.1	5.309e+04	388.98	-6.01	-2755.25	-1592.56	8.102e+05
299	300	8.116e+05	-780.58	-0.01	-612.50	0.0	5.315e+04	998.19	-6.17	-2719.41	-780.58	7.681e+05
		7.681e+05	-1410.18	9.41e-05	0.0	102.1	5.315e+04	385.69	-6.17	-2719.41	-1410.18	8.116e+05
299	313	8.273e+05	-428.98	-0.01	-612.50	0.0	5.272e+04	1000.88	-5.24	-2484.60	-428.98	7.833e+05
		7.833e+05	-963.55	5.46e-05	0.0	102.1	5.272e+04	388.38	-5.24	-2484.60	-963.55	8.273e+05
299	316	2.509e+06	-1.503e+04	-0.03	-612.50	0.0	1.163e+05	3686.81	-90.01	-3.500e+04	-1.503e+04	2.283e+06
		2.283e+06	-2.422e+04	6.29e-04	0.0	102.1	1.163e+05	3074.31	-90.01	-3.500e+04	-2.422e+04	2.509e+06
299	318	8.700e+05	-830.59	-0.01	-612.50	0.0	5.091e+04	959.98	-4.00	-1704.50	-830.59	8.282e+05
		8.282e+05	-1238.42	-3.09e-05	0.0	102.1	5.091e+04	347.48	-4.00	-1704.50	-1238.42	8.700e+05
299	324	8.897e+05	-899.10	-0.01	-612.50	0.0	5.102e+04	998.96	-4.42	-2020.86	-899.10	8.455e+05
		8.455e+05	-1349.83	3.21e-05	0.0	102.1	5.102e+04	386.46	-4.42	-2020.86	-1349.83	8.897e+05
299	330	7.358e+05	-2648.95	-9.82e-03	-612.50	0.0	6.029e+04	899.98	-7.46	-3446.20	-2648.95	6.987e+05
		6.987e+05	-3411.06	1.43e-04	0.0	102.1	6.029e+04	287.48	-7.46	-3446.20	-3411.06	7.358e+05
299	331	1.044e+06	850.74	-0.01	-612.50	0.0	4.174e+04	1097.94	-1.37	-595.53	850.74	9.923e+05
		9.923e+05	711.39	-9.69e-05	0.0	102.1	4.174e+04	485.44	-1.37	-595.53	711.39	1.044e+06
299	335	1.044e+06	271.47	-0.01	-612.50	0.0	4.187e+04	1098.92	-1.30	-685.21	271.47	9.918e+05
		9.918e+05	-338.84	-1.20e-04	0.0	102.1	4.187e+04	486.42	-1.30	-685.21	-338.84	1.044e+06
299	350	8.365e+05	-5510.56	-0.01	-612.50	0.0	5.462e+04	955.54	-3.98	-3959.36	-5510.56	7.942e+05

		7.942e+05	-5927.90	4.01e-04	0.0	102.1	5.462e+04	343.04	-3.98	-3959.36	-5927.90	8.365e+05
299	351	9.430e+05	3712.35	-0.01	-612.50	0.0	4.742e+04	1042.38	-4.85	-82.37	3712.35	8.967e+05
		8.967e+05	3228.24	-3.70e-04	0.0	102.1	4.742e+04	429.88	-4.85	-82.37	3228.24	9.430e+05
299	362	8.106e+05	-1772.64	-0.01	-612.50	0.0	5.571e+04	948.99	-5.96	-2738.12	-1772.64	7.700e+05
		7.700e+05	-2381.11	8.64e-05	0.0	102.1	5.571e+04	336.49	-5.96	-2738.12	-2381.11	8.106e+05
299	363	9.689e+05	-25.57	-0.01	-612.50	0.0	4.632e+04	1048.93	-2.87	-1303.61	-25.57	9.209e+05
		9.209e+05	-318.55	-4.33e-05	0.0	102.1	4.632e+04	436.43	-2.87	-1303.61	-318.55	9.689e+05
299	371	9.689e+05	-356.48	-0.01	-612.50	0.0	4.634e+04	1049.07	-2.68	-1291.64	-356.48	9.209e+05
		9.209e+05	-397.11	-4.89e-05	0.0	102.1	4.634e+04	436.57	-2.68	-1291.64	-356.48	9.689e+05
299	382	8.625e+05	-3192.11	-0.01	-612.50	0.0	5.283e+04	977.17	-4.21	-2985.65	-3192.11	8.192e+05
		8.192e+05	-3627.10	2.11e-04	0.0	102.1	5.283e+04	364.67	-4.21	-2985.65	-3627.10	8.625e+05
299	383	9.170e+05	1393.90	-0.01	-612.50	0.0	4.920e+04	1020.75	-4.62	-1056.08	1393.90	8.717e+05
		8.717e+05	927.44	-1.79e-04	0.0	102.1	4.920e+04	408.25	-4.62	-1056.08	927.44	9.170e+05
300	41	1.276e+06	-1.892e+04	-0.17	-745.88	0.0	5.728e+04	1.431e+04	65.46	-7.455e+04	-2.494e+04	4.399e+05
		4.399e+05	-2.494e+04	1.02e-03	0.0	92.1	5.728e+04	1.356e+04	65.46	-7.455e+04	-1.892e+04	1.276e+06
300	49	1.871e+06	-1020.87	-0.34	-745.88	0.0	6.963e+04	2.525e+04	-79.45	-1.482e+05	-1020.87	3.602e+05
		3.602e+05	-8337.02	2.11e-03	0.0	92.1	6.963e+04	2.450e+04	-79.45	-1.482e+05	-8337.02	1.871e+06
300	50	1.712e+06	725.70	-0.31	-552.50	0.0	6.137e+04	2.268e+04	-97.23	-1.500e+05	725.70	3.542e+05
		3.542e+05	-8227.96	2.13e-03	0.0	92.1	6.137e+04	2.213e+04	-97.23	-1.500e+05	-8227.96	1.712e+06
300	126	4.260e+05	-1509.95	-0.07	-552.50	0.0	2.098e+04	6623.38	23.13	-1309.09	-1509.95	4.260e+05
		3.538e+04	-3640.24	3.48e-04	0.0	92.1	2.098e+04	6070.88	23.13	-1309.09	-1509.95	4.260e+05
300	188	5.277e+05	-3295.90	-0.10	-552.50	0.0	3.513e+04	9853.69	6.95	-5.771e+04	-3295.90	5.277e+05
		-7.163e+04	-3936.05	5.82e-05	0.0	92.1	3.513e+04	9301.19	6.95	-5.771e+04	-3936.05	5.277e+05
300	219	3.499e+05	351.39	-0.06	-552.50	0.0	2.403e+04	6795.35	52.45	3693.53	351.39	3.499e+05
		-5.750e+04	-4478.31	-2.31e-04	0.0	92.1	2.403e+04	6242.85	52.45	3693.53	351.39	3.499e+05
300	227	7.866e+05	-1.115e+04	-0.10	-552.50	0.0	3.432e+04	8193.44	84.52	-9319.87	-1.893e+04	3.166e+05
		3.166e+05	-1.893e+04	5.47e-04	0.0	92.1	3.432e+04	7640.94	84.52	-9319.87	-1.115e+04	7.866e+05
300	231	1.227e+06	-1207.11	-0.22	-552.50	0.0	4.347e+04	1.630e+04	-22.82	-6.387e+04	-1207.11	2.575e+05
		2.575e+05	-3308.40	1.31e-03	0.0	92.1	4.347e+04	1.575e+04	-22.82	-6.387e+04	-3308.40	1.227e+06
300	269	4.312e+05	-1159.00	-0.07	-552.50	0.0	2.163e+04	6790.72	31.25	349.66	-4036.59	2.970e+04
		2.970e+04	-4036.59	2.11e-04	0.0	92.1	2.163e+04	6238.22	31.25	349.66	-1159.00	4.312e+05
300	300	3.495e+05	345.62	-0.06	-552.50	0.0	2.403e+04	6797.21	54.16	4421.61	-4642.06	-5.790e+04
		-5.790e+04	-4642.06	-2.81e-04	0.0	92.1	2.403e+04	6244.71	54.16	4421.61	345.62	3.495e+05
300	310	4.237e+05	-1105.77	-0.07	-552.50	0.0	2.189e+04	6799.20	35.00	825.34	-4328.50	2.103e+04
		2.103e+04	-4328.50	1.53e-04	0.0	92.1	2.189e+04	6246.70	35.00	825.34	-1105.77	4.237e+05
300	313	3.637e+05	415.36	-0.07	-552.50	0.0	2.363e+04	6796.22	56.29	3380.61	-4767.91	-4.315e+04
		-4.315e+04	-4767.91	-3.60e-04	0.0	92.1	2.363e+04	6243.72	56.29	3380.61	415.36	3.637e+05
300	315	6.912e+05	-8207.28	-0.09	-552.50	0.0	3.135e+04	7844.79	80.34	-6379.43	-1.561e+04	2.374e+05
		2.374e+05	-1.561e+04	3.06e-04	0.0	92.1	3.135e+04	7292.29	80.34	-6379.43	-8207.28	6.912e+05
300	316	1.022e+06	-2314.51	-0.19	-552.50	0.0	3.821e+04	1.392e+04	-0.16	-4.730e+04	-2314.51	1.931e+05
		1.931e+05	-2329.48	7.97e-04	0.0	92.1	3.821e+04	1.337e+04	-0.16	-4.730e+04	-2329.48	1.022e+06
300	324	4.235e+05	-697.35	-0.07	-552.50	0.0	2.190e+04	6798.78	42.06	1269.52	-4570.74	2.054e+05
		2.054e+04	-4570.74	-6.73e-05	0.0	92.1	2.190e+04	6246.28	42.06	1269.52	-697.35	4.235e+05
300	325	3.288e+05	1073.46	-0.06	-552.50	0.0	2.684e+04	7348.19	78.17	1739.45	-5728.50	-6.927e+04
		-6.927e+04	-5728.50	-9.79e-04	0.0	92.1	2.684e+04	6795.69	78.17	1739.45	1073.46	3.288e+05
300	328	5.182e+05	-2468.15	-0.08	-552.50	0.0	1.696e+04	6249.37	5.96	799.58	-3412.98	1.104e+05
		1.104e+05	-3412.98	8.44e-04	0.0	92.1	1.696e+04	5696.87	5.96	799.58	-2468.15	5.182e+05
300	329	3.293e+05	1488.73	-0.06	-552.50	0.0	2.681e+04	7343.18	80.08	2199.38	-5698.67	-6.930e+04
		-6.930e+04	-5698.67	-1.19e-03	0.0	92.1	2.681e+04	6790.68	80.08	2199.38	1488.73	3.293e+05
300	330	3.329e+05	31.83	-0.06	-552.50	0.0	2.662e+04	7338.96	65.61	-138.33	-6211.27	-6.561e+04
		-6.561e+04	-6211.27	1.57e-04	0.0	92.1	2.662e+04	6786.46	65.61	-138.33	31.83	3.329e+05
300	353	3.898e+05	2210.40	-0.07	-552.50	0.0	2.365e+04	6968.12	75.45	5315.79	-4097.22	-1.177e+04
		-1.177e+04	-4097.22	-2.49e-03	0.0	92.1	2.365e+04	6415.62	75.45	5315.79	2210.40	3.898e+05
300	357	3.772e+05	169.17	-0.07	-552.50	0.0	2.438e+04	7078.85	59.62	1546.88	-5149.52	-2.487e+04
		-2.487e+04	-5149.52	-4.57e-04	0.0	92.1	2.438e+04	6526.35	59.62	1546.88	169.17	3.749e+05
300	360	4.721e+05	-1563.86	-0.08	-552.50	0.0	1.941e+04	6518.71	24.50	992.15	-3991.96	6.595e+04
		6.595e+04	-3991.96	3.22e-04	0.0	92.1	1.941e+04	5966.21	24.50	992.15	-1563.86	4.721e+05
300	362	3.772e+05	-328.19	-0.07	-552.50	0.0	2.427e+04	7074.24	53.90	562.39	-5390.68	-2.284e+04
		-2.284e+04	-5390.68	7.79e-05	0.0	92.1	2.427e+04	6521.74	53.90	562.39	-328.19	3.772e+05
300	385	4.064e+05	749.82	-0.07	-552.50	0.0	2.278e+04	6885.09	58.70	3302.71	-4339.37	4330.27
		4330.27	-4339.37	-1.27e-03	0.0	92.1	2.278e+04	6332.59	58.70	3302.71	749.82	4.064e+05
301	73	4.194e+06	762.19	-0.06	-826.88	0.0	1.938e+05	6469.45	3.32	1.627e+04	423.28	3.793e+06
		3.793e+06	423.28	8.96e-04	0.0	102.1	1.938e+05	5642.58	3.32	1.627e+04	762.19	4.194e+06
301	74	3.839e+06	-2064.51	-0.05	-612.50	0.0	1.735e+05	6031.51	-2.50	1.162e+04	-2064.51	3.460e+06
		3.460e+06	-2319.53	9.13e-04	0.0	102.1	1.735e+05	5419.01	-2.50	1.162e+04	-2319.53	3.839e+06
301	140	8.615e+05	2844.64	-0.01	-612.50	0.0	5.106e+04	1075.35	4.21	6444.14	2415.03	8.123e+05
		8.123e+05	2415.03	8.66e-05	0.0	102.1	5.106e+04	462.85	4.21	6444.14	2844.64	8.615e+05
301	181	1.232e+06	1.005e+04	-0.02	-826.88	0.0	7.175e+04	1519.50	140.85	1.329e+04	6092.95	1.160e+06
		1.160e+06	6092.95	-2.25e-04	-255.72	102.1	7.175e+04	692.62	-114.86	1.329e+04	7419.50	1.232e+06
301	206	8.821e+05	3831.69	-0.01	-612.50	0.0	5.064e+04	1073.32	4.34	6604.67	3388.87	8.327e+05
		8.327e+05	3388.87	-7.04e-05	0.0	102.1	5.064e+04	460.82	4.34	6604.67	3831.69	8.821e+05
301	243	2.882e+06	3222.05	-0.04	-612.50	0.0	1.306e+05	4596.49	3.89	1.467e+04	2824.59	2.597e+06
		2.597e+06	2824.59	5.68e-04	0.0	102.1	1.306e+05	3983.99	3.89	1.467e+04	3222.05	2.882e+06
301	268	9.057e+05	4283.10	-0.01	-612.50	0.0	5.237e+04	1116.58	7.14	8030.00	3554.40	8.536e+05
		8.536e+05	3554.40	-6.90e-05	0.0	102.1	5.237e+04	504.08	7.14	8030.00	4283.10	9.057e+05
301	270	1.063e+06	1634.05	-0.01	-612.50	0.0	6.686e+04	1309.79	5.57	5116.21	1065.91	9.988e+05
		9.988e+05	1065.91	1.24e-04	0.0	102.1	6.686e+04	697.29	5.57	5116.21	1634.05	1.063e+06

301	281	8.321e+05	4352.08	-0.01	-612.50	0.0	5.438e+04	1114.89	7.42	8061.78	3594.63	7.799e+05
		7.799e+05	3594.63	-6.71e-05	0.0	102.1	5.438e+04	502.39	7.42	8061.78	4352.08	8.321e+05
301	302	8.592e+05	7068.65	-0.01	-612.50	0.0	5.420e+04	1119.35	94.56	9522.61	4391.87	8.066e+05
		8.066e+05	4391.87	-1.53e-04	-170.48	102.1	5.420e+04	506.85	-75.92	9522.61	5343.67	8.592e+05
301	309	9.127e+05	4992.10	-0.01	-612.50	0.0	5.237e+04	1114.84	7.20	8161.91	4256.66	8.604e+05
		8.604e+05	4256.66	-1.04e-04	0.0	102.1	5.237e+04	502.34	7.20	8161.91	4992.10	9.127e+05
301	311	9.517e+05	3918.76	-0.01	-612.50	0.0	5.874e+04	1193.08	6.67	6933.36	3237.62	8.946e+05
		8.946e+05	3237.62	-6.76e-05	0.0	102.1	5.874e+04	580.58	6.67	6933.36	3918.76	9.517e+05
301	313	8.562e+05	5005.68	-0.01	-612.50	0.0	5.383e+04	1113.74	7.46	8166.71	4244.31	8.039e+05
		8.039e+05	4244.31	-9.97e-05	0.0	102.1	5.383e+04	501.24	7.46	8166.71	5005.68	8.562e+05
301	319	2.392e+06	4100.91	-0.03	-612.50	0.0	1.109e+05	3725.20	4.88	1.310e+04	3603.00	2.165e+06
		2.165e+06	3603.00	4.07e-04	0.0	102.1	1.109e+05	3112.70	4.88	1.310e+04	4100.91	2.392e+06
301	321	8.636e+05	5399.67	-0.01	-612.50	0.0	5.333e+04	1104.16	8.21	8912.09	4561.36	8.106e+05
		8.106e+05	4561.36	-1.60e-04	0.0	102.1	5.333e+04	491.66	8.21	8912.09	5399.67	8.636e+05
301	324	9.127e+05	4992.10	-0.01	-612.50	0.0	5.237e+04	1114.84	7.20	8161.91	4256.66	8.604e+05
		8.604e+05	4256.66	-1.04e-04	0.0	102.1	5.237e+04	502.34	7.20	8161.91	4992.10	9.127e+05
301	342	8.745e+05	1909.02	-0.01	-612.50	0.0	5.623e+04	1012.28	14.73	1.253e+04	1590.59	8.235e+05
		8.235e+05	1590.59	1.78e-04	0.0	102.1	5.623e+04	399.78	14.73	1.253e+04	1909.02	8.745e+05
301	343	9.508e+05	8075.19	-0.01	-612.50	0.0	4.850e+04	1217.39	-0.33	3792.91	6922.74	8.973e+05
		8.973e+05	6922.74	-2.63e-04	0.0	102.1	4.850e+04	604.89	-0.33	3792.91	8075.19	9.508e+05
301	350	8.881e+05	2209.11	-0.01	-612.50	0.0	5.338e+04	1261.80	12.33	4590.76	1578.90	8.385e+05
		8.385e+05	1578.90	5.12e-05	0.0	102.1	5.338e+04	649.30	12.33	4590.76	2209.11	8.881e+05
301	374	9.007e+05	3609.99	-0.01	-612.50	0.0	5.286e+04	1159.43	8.10	7220.86	2870.51	8.466e+05
		8.466e+05	2870.51	2.01e-04	0.0	102.1	5.286e+04	546.93	8.10	7220.86	3609.99	9.007e+05
301	375	9.247e+05	6374.22	-0.01	-612.50	0.0	5.188e+04	1070.25	6.31	9102.96	5642.82	8.742e+05
		8.742e+05	5642.82	-2.44e-04	0.0	102.1	5.188e+04	457.75	6.31	9102.96	6374.22	9.247e+05
301	382	9.005e+05	3609.99	-0.01	-612.50	0.0	5.287e+04	1187.73	9.75	6389.62	2927.41	8.495e+05
		8.495e+05	2927.41	-6.26e-05	0.0	102.1	5.287e+04	575.23	9.75	6389.62	3609.99	9.005e+05
301	383	9.249e+05	6374.22	-0.01	-612.50	0.0	5.186e+04	1041.95	4.66	9934.21	5585.92	8.713e+05
		8.713e+05	5585.92	-1.45e-04	0.0	102.1	5.186e+04	429.45	4.66	9934.21	6374.22	9.249e+05
302	73	4.569e+06	-3.404e+04	-0.06	-826.88	0.0	2.121e+05	6518.72	-177.90	-7.324e+04	-3.404e+04	4.159e+06
		4.159e+06	-5.220e+04	1.43e-03	0.0	102.1	2.121e+05	5691.85	-177.90	-7.324e+04	-5.220e+04	4.569e+06
302	124	8.634e+05	-2165.86	-0.01	-612.50	0.0	4.959e+04	994.57	-5.40	-2467.38	-2165.86	8.193e+05
		8.193e+05	-2716.62	1.04e-04	0.0	102.1	4.959e+04	382.07	-5.40	-2467.38	-2716.62	8.634e+05
302	140	8.523e+05	-2093.25	-0.01	-612.50	0.0	5.000e+04	994.65	-5.26	-2407.28	-2093.25	8.081e+05
		8.081e+05	-2629.94	9.96e-05	0.0	102.1	5.000e+04	382.15	-5.26	-2407.28	-2629.94	8.523e+05
302	206	8.677e+05	-1073.26	-0.01	-612.50	0.0	4.971e+04	994.44	-4.47	-2182.26	-1073.26	8.234e+05
		8.234e+05	-1529.18	4.06e-05	0.0	102.1	4.971e+04	381.94	-4.47	-2182.26	-1529.18	8.677e+05
302	231	8.140e+05	-810.91	-0.01	-612.50	0.0	5.305e+04	1000.98	-6.03	-2787.17	-810.91	7.703e+05
		7.703e+05	-1426.13	8.00e-05	0.0	102.1	5.305e+04	388.48	-6.03	-2787.17	-1426.13	8.140e+05
302	243	3.052e+06	-2.035e+04	-0.04	-612.50	0.0	1.380e+05	4582.15	-118.96	-4.607e+04	-2.035e+04	2.765e+06
		2.765e+06	-3.249e+04	8.64e-04	0.0	102.1	1.380e+05	3969.65	-118.96	-4.607e+04	-3.249e+04	3.052e+06
302	268	8.869e+05	-1624.88	-0.01	-612.50	0.0	5.094e+04	999.04	-5.03	-2210.53	-1624.88	8.427e+05
		8.427e+05	-2138.64	7.35e-05	0.0	102.1	5.094e+04	386.54	-5.03	-2210.53	-2138.64	8.869e+05
302	309	8.898e+05	-899.10	-0.01	-612.50	0.0	5.102e+04	998.96	-4.42	-2020.87	-899.10	8.455e+05
		8.455e+05	-1349.84	3.21e-05	0.0	102.1	5.102e+04	386.46	-4.42	-2020.87	-1349.84	8.898e+05
302	316	8.336e+05	-389.60	-0.01	-612.50	0.0	5.253e+04	1000.50	-5.29	-2523.91	-389.60	7.897e+05
		7.897e+05	-930.10	4.06e-05	0.0	102.1	5.253e+04	388.00	-5.29	-2523.91	-930.10	8.336e+05
302	319	2.512e+06	-1.504e+04	-0.03	-612.50	0.0	1.162e+05	3686.37	-89.99	-3.499e+04	-1.504e+04	2.285e+06
		2.285e+06	-2.423e+04	6.31e-04	0.0	102.1	1.162e+05	3073.87	-89.99	-3.499e+04	-2.423e+04	2.512e+06
302	324	8.898e+05	-899.10	-0.01	-612.50	0.0	5.102e+04	998.96	-4.42	-2020.87	-899.10	8.455e+05
		8.455e+05	-1349.84	3.21e-05	0.0	102.1	5.102e+04	386.46	-4.42	-2020.87	-1349.84	8.898e+05
302	341	9.015e+05	2087.93	-0.01	-612.50	0.0	5.221e+04	1009.50	-7.13	-6053.36	2087.93	8.553e+05
		8.553e+05	1868.85	-1.54e-04	0.0	102.1	5.221e+04	397.00	-7.13	-6053.36	1868.85	9.015e+05
302	342	8.760e+05	-3928.36	-0.01	-612.50	0.0	4.989e+04	954.21	-1.29	2046.60	-3928.36	8.314e+05
		8.314e+05	-4568.53	2.13e-04	0.0	102.1	4.989e+04	341.71	-1.29	2046.60	-4568.53	8.760e+05
302	343	9.035e+05	2130.15	-0.01	-612.50	0.0	5.214e+04	1043.71	-7.54	-6088.34	2130.15	8.596e+05
		8.596e+05	1868.85	-1.63e-04	0.0	102.1	5.214e+04	431.21	-7.54	-6088.34	1868.85	9.035e+05
302	344	8.780e+05	-3886.14	-0.01	-612.50	0.0	4.982e+04	988.42	-1.70	2011.62	-3886.14	8.356e+05
		8.356e+05	-4568.53	2.06e-04	0.0	102.1	4.982e+04	375.92	-1.70	2011.62	-4568.53	8.780e+05
302	345	9.015e+05	2140.47	-0.01	-612.50	0.0	5.221e+04	1009.63	-7.64	-6060.38	2140.47	8.553e+05
		8.553e+05	1868.85	-1.52e-04	0.0	102.1	5.221e+04	397.13	-7.64	-6060.38	1868.85	9.015e+05
302	374	8.856e+05	-2225.37	-0.01	-612.50	0.0	5.108e+04	982.44	-3.86	-3149.96	-2225.37	8.408e+05
		8.408e+05	-2671.01	1.95e-04	0.0	102.1	5.108e+04	369.94	-3.86	-3149.96	-2671.01	8.856e+05
302	375	8.939e+05	427.17	-0.01	-612.50	0.0	5.095e+04	1015.48	-4.97	-891.79	427.17	8.502e+05
		8.502e+05	-28.67	-1.74e-04	0.0	102.1	5.095e+04	402.98	-4.97	-891.79	-28.67	8.939e+05
302	376	8.866e+05	-2204.49	-0.01	-612.50	0.0	5.105e+04	999.36	-4.06	-3167.44	-2204.49	8.429e+05
		8.429e+05	-2671.01	1.91e-04	0.0	102.1	5.105e+04	386.86	-4.06	-3167.44	-2671.01	8.866e+05
302	377	8.929e+05	432.36	-0.01	-612.50	0.0	5.098e+04	998.62	-5.02	-877.82	432.36	8.480e+05
		8.480e+05	-28.67	-1.68e-04	0.0	102.1	5.098e+04	386.12	-5.02	-877.82	-28.67	8.929e+05
302	382	8.859e+05	-2221.86	-0.01	-612.50	0.0	5.110e+04	984.88	-3.80	-3428.85	-2221.86	8.413e+05
		8.413e+05	-2671.01	7.49e-05	0.0	102.1	5.110e+04	372.38	-3.80	-3428.85	-2671.01	8.859e+05
302	383	8.936e+05	423.65	-0.01	-612.50	0.0	5.093e+04	1013.04	-5.03	-612.90	423.65	8.497e+05
		8.497e+05	-28.67	-1.13e-05	0.0	102.1	5.093e+04	400.54	-5.03	-612.90	-28.67	8.936e+05
303	73	5.082e+06	1.186e+04	-0.07	-826.88	0.0	2.346e+05	7788.06	97.90	2.535e+04	1.186e+04	5.082e+06
		4.587e+06	1863.32	2.51e-04	0.0	102.1	2.346e+05	6961.18	97.90	2.535e+04	1.186e+04	5.082e+06
303	82	1.804e+06	-3885.24	-0.03	-612.50	0.0	9.575e+04	2868.74	-6.31	-9149.54	-3885.24	1.637e+06

		1.637e+06	-4529.27	1.78e-04	0.0	102.1	9.575e+04	2256.24	-6.31	-9149.54	-4529.27	1.804e+06
303	162	8.661e+05	800.32	-0.01	-612.50	0.0	4.955e+04	995.08	4.07	2177.14	884.34	8.217e+05
		8.217e+05	384.34	1.60e-05	0.0	102.1	4.955e+04	382.58	4.07	2177.14	800.32	8.661e+05
303	178	8.550e+05	699.68	-0.01	-612.50	0.0	4.996e+04	995.20	3.96	2133.38	295.33	8.106e+05
		8.106e+05	295.33	2.42e-05	0.0	102.1	4.996e+04	382.70	3.96	2133.38	699.68	8.550e+05
303	231	8.102e+05	1253.49	-0.01	-612.50	0.0	5.346e+04	997.34	2.58	1333.05	989.79	7.655e+05
		7.655e+05	989.79	6.60e-05	0.0	102.1	5.346e+04	384.84	2.58	1333.05	1253.49	8.102e+05
303	243	3.305e+06	1.197e+04	-0.05	-612.50	0.0	1.481e+05	5298.80	76.92	2.275e+04	4119.65	2.970e+06
		2.970e+06	4119.65	-1.31e-04	0.0	102.1	1.481e+05	4686.30	76.92	2.275e+04	1.197e+04	3.305e+06
303	270	1.284e+06	-2478.32	-0.02	-612.50	0.0	7.838e+04	1463.81	-0.32	-2053.93	-2478.32	1.208e+06
		1.208e+06	-2510.92	1.05e-04	0.0	102.1	7.838e+04	851.31	-0.32	-2053.93	-2510.92	1.284e+06
303	287	8.887e+05	866.76	-0.01	-612.50	0.0	5.091e+04	999.38	4.16	2017.89	442.45	8.444e+05
		8.444e+05	442.45	1.24e-05	0.0	102.1	5.091e+04	386.88	4.16	2017.89	866.76	8.887e+05
303	310	8.906e+05	713.89	-0.01	-612.50	0.0	5.100e+04	999.13	3.98	1924.55	307.89	8.463e+05
		8.463e+05	307.89	2.13e-05	0.0	102.1	5.100e+04	386.63	3.98	1924.55	713.89	8.906e+05
303	311	1.024e+06	75.24	-0.01	-612.50	0.0	6.260e+04	1185.44	2.53	409.51	-182.65	9.676e+05
		9.676e+05	-182.65	7.65e-06	0.0	102.1	6.260e+04	572.94	2.53	409.51	75.24	1.024e+06
303	316	8.294e+05	1754.53	-0.01	-612.50	0.0	5.286e+04	997.51	3.37	1577.80	1410.58	7.849e+05
		7.849e+05	1410.58	-2.67e-05	0.0	102.1	5.286e+04	385.01	3.37	1577.80	1754.53	8.294e+05
303	319	2.701e+06	9793.16	-0.04	-612.50	0.0	1.238e+05	4223.61	59.12	1.764e+04	3757.97	2.438e+06
		2.438e+06	3757.97	-1.28e-04	0.0	102.1	1.238e+05	3611.11	59.12	1.764e+04	9793.16	2.701e+06
303	324	8.898e+05	1349.83	-0.01	-612.50	0.0	5.102e+04	998.96	4.42	2020.87	899.10	8.455e+05
		8.455e+05	899.10	-3.21e-05	0.0	102.1	5.102e+04	386.46	4.42	2020.87	1349.83	8.898e+05
303	342	9.011e+05	-1920.45	-0.01	-612.50	0.0	5.214e+04	1008.39	6.67	6177.75	-2385.15	8.551e+05
		8.551e+05	-2385.15	1.55e-04	0.0	102.1	5.214e+04	395.89	6.67	6177.75	-1920.45	9.011e+05
303	343	8.784e+05	4620.12	-0.01	-612.50	0.0	4.989e+04	989.53	2.16	-2136.00	4183.35	8.358e+05
		8.358e+05	4183.35	-2.09e-04	0.0	102.1	4.989e+04	377.03	2.16	-2136.00	4620.12	8.784e+05
303	345	8.764e+05	4620.12	-0.01	-612.50	0.0	4.996e+04	955.45	2.26	-2163.97	4173.03	8.316e+05
		8.316e+05	4173.03	-2.17e-04	0.0	102.1	4.996e+04	342.95	2.26	-2163.97	4620.12	8.764e+05
303	346	9.011e+05	-1920.45	-0.01	-612.50	0.0	5.215e+04	1008.27	6.16	6170.73	-2332.61	8.551e+05
		8.551e+05	-2332.61	1.57e-04	0.0	102.1	5.215e+04	395.77	6.16	6170.73	-1920.45	9.011e+05
303	347	8.784e+05	4620.12	-0.01	-612.50	0.0	4.989e+04	989.65	2.67	-2128.99	4130.81	8.358e+05
		8.358e+05	4130.81	-2.10e-04	0.0	102.1	4.989e+04	377.15	2.67	-2128.99	4620.12	8.784e+05
303	348	9.031e+05	-1920.45	-0.01	-612.50	0.0	5.207e+04	1042.47	6.57	6205.72	-2374.83	8.594e+05
		8.594e+05	-2374.83	1.66e-04	0.0	102.1	5.207e+04	429.97	6.57	6205.72	-1920.45	9.031e+05
303	374	8.929e+05	28.67	-0.01	-612.50	0.0	5.098e+04	998.62	5.02	877.81	-432.36	8.480e+05
		8.480e+05	-432.36	1.68e-04	0.0	102.1	5.098e+04	386.12	5.02	877.81	28.67	8.929e+05
303	375	8.866e+05	2671.00	-0.01	-612.50	0.0	5.105e+04	999.30	3.81	3163.93	2230.56	8.429e+05
		8.429e+05	2230.56	-1.90e-04	0.0	102.1	5.105e+04	386.80	3.81	3163.93	2671.00	8.866e+05
303	377	8.856e+05	2671.00	-0.01	-612.50	0.0	5.108e+04	982.44	3.86	3149.96	2225.37	8.408e+05
		8.408e+05	2225.37	-1.95e-04	0.0	102.1	5.108e+04	369.94	3.86	3149.96	2671.00	8.856e+05
303	380	8.939e+05	28.67	-0.01	-612.50	0.0	5.095e+04	1015.48	4.97	891.79	-427.17	8.502e+05
		8.502e+05	-427.17	1.74e-04	0.0	102.1	5.095e+04	402.98	4.97	891.79	28.67	8.939e+05
303	385	8.859e+05	2671.00	-0.01	-612.50	0.0	5.110e+04	984.88	3.80	3428.85	2221.86	8.413e+05
		8.413e+05	2221.86	-7.49e-05	0.0	102.1	5.110e+04	372.38	3.80	3428.85	2671.00	8.859e+05
303	388	8.936e+05	28.67	-0.01	-612.50	0.0	5.093e+04	1013.03	5.03	612.90	-423.66	8.497e+05
		8.497e+05	-423.66	1.13e-05	0.0	102.1	5.093e+04	400.53	5.03	612.90	28.67	8.936e+05
304	73	5.531e+06	-2.891e+04	-0.08	-826.88	0.0	2.561e+05	8829.47	-14.83	-5.068e+04	-2.891e+04	4.970e+06
		4.970e+06	-3.043e+04	6.07e-04	0.0	102.1	2.561e+05	8002.60	-14.83	-5.068e+04	-3.043e+04	5.531e+06
304	162	8.800e+05	-4021.29	-0.01	-612.50	0.0	5.021e+04	1071.97	-4.86	-6617.10	-4021.29	8.305e+05
		8.305e+05	-4517.43	1.02e-04	0.0	102.1	5.021e+04	459.47	-4.86	-6617.10	-4517.43	8.800e+05
304	178	8.700e+05	-4118.93	-0.01	-612.50	0.0	5.060e+04	1071.53	-4.81	-6637.04	-4118.93	8.205e+05
		8.205e+05	-4609.62	1.09e-04	0.0	102.1	5.060e+04	459.03	-4.81	-6637.04	-4609.62	8.700e+05
304	206	8.821e+05	-3388.88	-0.01	-612.50	0.0	5.064e+04	1073.32	-4.34	-6604.67	-3388.88	8.327e+05
		8.327e+05	-3831.69	7.04e-05	0.0	102.1	5.064e+04	460.82	-4.34	-6604.67	-3831.69	8.821e+05
304	231	8.277e+05	-4257.00	-0.01	-612.50	0.0	5.490e+04	1104.33	-8.90	-8831.15	-4257.00	7.741e+05
		7.741e+05	-5165.73	1.47e-04	0.0	102.1	5.490e+04	491.83	-8.90	-8831.15	-5165.73	8.277e+05
304	243	3.547e+06	-1.773e+04	-0.05	-612.50	0.0	1.583e+05	6095.85	-12.81	-3.215e+04	-1.773e+04	3.159e+06
		3.159e+06	-1.904e+04	3.62e-04	0.0	102.1	1.583e+05	5483.35	-12.81	-3.215e+04	-1.904e+04	3.547e+06
304	287	9.113e+05	-4675.78	-0.01	-612.50	0.0	5.208e+04	1113.95	-7.55	-8169.88	-4675.78	8.589e+05
		8.589e+05	-5446.68	1.25e-04	0.0	102.1	5.208e+04	501.45	-7.55	-8169.88	-5446.68	9.113e+05
304	310	9.154e+05	-4817.36	-0.01	-612.50	0.0	5.222e+04	1113.52	-7.41	-8231.85	-4817.36	8.631e+05
		8.631e+05	-5573.89	1.32e-04	0.0	102.1	5.222e+04	501.02	-7.41	-8231.85	-5573.89	9.154e+05
304	316	8.469e+05	-3836.26	-0.01	-612.50	0.0	5.438e+04	1108.05	-8.32	-8610.26	-3836.26	7.937e+05
		7.937e+05	-4685.98	1.13e-04	0.0	102.1	5.438e+04	495.55	-8.32	-8610.26	-4685.98	8.469e+05
304	319	2.886e+06	-1.394e+04	-0.04	-612.50	0.0	1.320e+05	4851.69	-11.25	-2.610e+04	-1.394e+04	2.583e+06
		2.583e+06	-1.509e+04	2.77e-04	0.0	102.1	1.320e+05	4239.19	-11.25	-2.610e+04	-1.509e+04	2.886e+06
304	324	9.127e+05	-4256.67	-0.01	-612.50	0.0	5.237e+04	1114.84	-7.20	-8161.91	-4256.67	8.604e+05
		8.604e+05	-4992.10	1.04e-04	0.0	102.1	5.237e+04	502.34	-7.20	-8161.91	-4992.10	9.127e+05
304	344	9.512e+05	-7173.51	-0.01	-612.50	0.0	4.872e+04	1234.97	-2.59	-3542.16	-7173.51	8.971e+05
		8.971e+05	-8208.33	2.71e-04	0.0	102.1	4.872e+04	622.47	-2.59	-3542.16	-8208.33	9.512e+05
304	345	8.741e+05	-1259.92	-0.01	-612.50	0.0	5.602e+04	995.78	-12.60	-1.280e+04	-1259.92	8.237e+05
		8.237e+05	-1775.88	-1.81e-04	0.0	102.1	5.602e+04	383.28	-12.60	-1.280e+04	-1775.88	8.741e+05
304	348	9.512e+05	-7253.41	-0.01	-612.50	0.0	4.872e+04	1233.90	-1.81	-3523.16	-7253.41	8.971e+05
		8.971e+05	-8208.33	2.70e-04	0.0	102.1	4.872e+04	621.40	-1.81	-3523.16	-8208.33	9.512e+05
304	376	9.247e+05	-5603.20	-0.01	-612.50	0.0	5.188e+04	1070.78	-6.70	-9112.47	-5603.20	8.742e+05
		8.742e+05	-6374.22	2.44e-04	0.0	102.1	5.188e+04	458.28	-6.70	-9112.47	-6374.22	9.247e+05

304	377	9.007e+05	-2870.52	-0.01	-612.50	0.0	5.286e+04	1159.43	-8.10	-7220.85	-2870.52	8.466e+05
		8.466e+05	-3609.99	-2.01e-04	0.0	102.1	5.286e+04	546.93	-8.10	-7220.85	-3609.99	9.007e+05
304	385	9.005e+05	-2927.41	-0.01	-612.50	0.0	5.287e+04	1187.73	-9.75	-6389.64	-2927.41	8.495e+05
		8.495e+05	-3609.99	6.26e-05	0.0	102.1	5.287e+04	575.23	-9.75	-6389.64	-3609.99	9.005e+05
304	388	9.249e+05	-5585.92	-0.01	-612.50	0.0	5.186e+04	1041.95	-4.66	-9934.18	-5585.92	8.713e+05
		8.713e+05	-6374.22	1.45e-04	0.0	102.1	5.186e+04	429.45	-4.66	-9934.18	-6374.22	9.249e+05
305	65	1.049e+06	2.710e+04	-0.15	-745.88	0.0	4.958e+04	1.196e+04	-216.16	-4.598e+04	2.710e+04	3.689e+05
		3.689e+05	7195.72	1.48e-03	0.0	92.1	4.958e+04	1.121e+04	-216.16	-4.598e+04	7195.72	1.049e+06
305	73	1.766e+06	2.494e+04	-0.31	-745.88	0.0	6.427e+04	2.385e+04	-194.69	-1.091e+05	2.494e+04	3.629e+05
		3.629e+05	7011.36	3.38e-03	0.0	92.1	6.427e+04	2.310e+04	-194.69	-1.091e+05	7011.36	1.766e+06
305	76	1.251e+06	1.571e+04	-0.22	-552.50	0.0	4.437e+04	1.677e+04	-130.42	-6.756e+04	1.571e+04	2.690e+05
		2.690e+05	3703.50	2.51e-03	0.0	92.1	4.437e+04	1.621e+04	-130.42	-6.756e+04	3703.50	1.251e+06
305	124	4.268e+05	8512.82	-0.07	-552.50	0.0	2.157e+04	6832.56	-47.84	1.011e+04	8512.82	2.678e+04
		2.678e+04	4107.80	7.03e-04	0.0	92.1	2.157e+04	6280.06	-47.84	1.011e+04	4107.80	4.268e+05
305	188	4.663e+05	1.658e+04	-0.09	-552.50	0.0	3.217e+04	9065.72	-54.73	-4.149e+04	1.658e+04	-8.122e+04
		-8.122e+04	5170.71	9.32e-04	-138.40	92.1	3.217e+04	8513.22	-193.13	-4.149e+04	5170.71	4.663e+05
305	239	6.716e+05	1.618e+04	-0.09	-552.50	0.0	3.126e+04	7210.70	-118.92	5103.04	1.618e+04	2.669e+05
		2.669e+05	5230.82	7.47e-04	0.0	92.1	3.126e+04	6658.20	-118.92	5103.04	5230.82	6.716e+05
305	243	1.202e+06	1.458e+04	-0.21	-552.50	0.0	4.215e+04	1.602e+04	-103.02	-4.166e+04	1.458e+04	2.625e+05
		2.625e+05	5094.26	2.16e-03	0.0	92.1	4.215e+04	1.547e+04	-103.02	-4.166e+04	5094.26	1.202e+06
305	244	1.013e+06	1.321e+04	-0.18	-552.50	0.0	3.722e+04	1.379e+04	-88.55	-2.756e+04	1.321e+04	2.042e+05
		2.042e+05	5051.52	1.81e-03	0.0	92.1	3.722e+04	1.324e+04	-88.55	-2.756e+04	5051.52	1.013e+06
305	268	4.426e+05	9382.05	-0.07	-552.50	0.0	2.246e+04	7067.11	-43.81	1.433e+04	9382.05	2.660e+04
		2.660e+04	5347.84	5.96e-04	0.0	92.1	2.246e+04	6514.61	-43.81	1.433e+04	5347.84	4.426e+05
305	300	3.678e+05	1.150e+04	-0.07	-552.50	0.0	2.491e+04	7095.32	-12.93	1.538e+04	1.150e+04	-5.890e+04
		-5.890e+04	6059.66	4.56e-04	-92.27	92.1	2.491e+04	6542.82	-105.20	1.538e+04	6059.66	3.678e+05
305	310	4.434e+05	9337.02	-0.07	-552.50	0.0	2.256e+04	7090.08	-43.31	1.506e+04	9337.02	2.526e+04
		2.526e+04	5348.86	5.30e-04	0.0	92.1	2.256e+04	6537.58	-43.31	1.506e+04	5348.86	4.434e+05
305	313	3.842e+05	1.089e+04	-0.07	-552.50	0.0	2.433e+04	7072.51	-55.20	1.421e+04	1.089e+04	4.663e+04
		-4.063e+04	5802.88	3.20e-04	0.0	92.1	2.433e+04	6520.01	-55.20	1.421e+04	5802.88	3.842e+05
305	318	6.130e+05	1.466e+04	-0.09	-552.50	0.0	2.916e+04	7173.96	-98.63	7849.18	1.466e+04	2.033e+05
		2.033e+05	5579.48	5.05e-04	0.0	92.1	2.916e+04	6621.46	-98.63	7849.18	5579.48	6.130e+05
305	319	1.011e+06	1.346e+04	-0.18	-552.50	0.0	3.733e+04	1.378e+04	-86.70	-2.722e+04	1.346e+04	2.000e+05
		2.000e+05	5477.06	1.56e-03	0.0	92.1	3.733e+04	1.323e+04	-86.70	-2.722e+04	5477.06	1.011e+06
305	324	4.418e+05	9527.14	-0.07	-552.50	0.0	2.264e+04	7083.56	-41.92	1.532e+04	9527.14	2.205e+04
		2.205e+04	5666.74	3.41e-04	0.0	92.1	2.264e+04	6531.06	-41.92	1.532e+04	5666.74	4.418e+05
305	329	3.956e+05	1.148e+04	-0.07	-552.50	0.0	2.363e+04	6976.96	-62.08	1.540e+04	1.148e+04	-1.685e+04
		-1.685e+04	5823.81	-1.24e-04	0.0	92.1	2.363e+04	6424.46	-62.08	1.540e+04	5823.81	3.956e+05
305	341	3.832e+05	1.233e+04	-0.07	-552.50	0.0	2.488e+04	6736.34	-32.42	7626.01	1.233e+04	-1.254e+04
		-1.254e+04	6683.82	-8.33e-04	0.0	92.1	2.488e+04	6183.84	-32.42	7626.01	6683.82	3.832e+05
305	344	5.004e+05	6728.48	-0.08	-552.50	0.0	2.040e+04	7430.78	-51.43	2.300e+04	6728.48	5.664e+05
		5.664e+04	4649.65	1.51e-03	0.0	92.1	2.040e+04	6878.28	-51.43	2.300e+04	4649.65	5.004e+05
305	350	4.698e+05	8710.87	-0.07	-552.50	0.0	2.236e+04	7216.06	-38.02	1.265e+04	8710.87	3.923e+04
		3.923e+04	4539.29	1.22e-03	0.0	92.1	2.236e+04	6663.56	-38.02	1.265e+04	4539.29	4.698e+05
305	357	4.204e+05	1.052e+04	-0.07	-552.50	0.0	2.310e+04	7043.06	-51.94	1.532e+04	1.052e+04	3427.31
		3427.31	5687.57	1.68e-04	0.0	92.1	2.310e+04	6490.56	-51.94	1.532e+04	5687.57	4.204e+05
305	361	4.187e+05	1.050e+04	-0.07	-552.50	0.0	2.313e+04	7030.65	-51.99	1.536e+04	1.050e+04	2606.49
		2606.49	5744.51	2.22e-04	0.0	92.1	2.313e+04	6478.15	-51.99	1.536e+04	5744.51	4.187e+05
305	364	4.649e+05	8554.00	-0.07	-552.50	0.0	2.214e+04	7136.46	-31.86	1.527e+04	8554.00	4.149e+04
		4.149e+04	5588.96	4.60e-04	0.0	92.1	2.214e+04	6583.96	-31.86	1.527e+04	5588.96	4.649e+05
305	382	4.557e+05	9128.68	-0.07	-552.50	0.0	2.250e+04	7149.40	-40.04	1.398e+04	9128.68	3.054e+04
		3.054e+04	5108.67	7.77e-04	0.0	92.1	2.250e+04	6596.90	-40.04	1.398e+04	5108.67	4.557e+05
305	384	4.661e+05	8658.81	-0.07	-552.50	0.0	2.225e+04	7167.65	-34.81	1.418e+04	8658.81	3.984e+04
		3.984e+04	5158.02	7.70e-04	0.0	92.1	2.225e+04	6615.15	-34.81	1.418e+04	5158.02	4.661e+05
306	65	1.153e+06	-1.490e+04	-0.16	-745.88	0.0	5.565e+04	1.267e+04	115.77	-6.777e+04	-2.556e+04	4.214e+05
		4.214e+05	-2.556e+04	9.15e-04	0.0	92.1	5.565e+04	1.192e+04	115.77	-6.777e+04	-1.490e+04	1.153e+06
306	73	1.867e+06	-1088.29	-0.34	-745.88	0.0	6.974e+04	2.525e+04	-78.54	-1.482e+05	-1088.29	3.562e+05
		3.562e+05	-8320.53	2.11e-03	0.0	92.1	6.974e+04	2.450e+04	-78.54	-1.482e+05	-8320.53	1.867e+06
306	74	1.709e+06	658.26	-0.31	-552.50	0.0	6.148e+04	2.268e+04	-96.32	-1.501e+05	658.26	3.502e+05
		3.502e+05	-8211.47	2.13e-03	0.0	92.1	6.148e+04	2.213e+04	-96.32	-1.501e+05	-8211.47	1.709e+06
306	124	4.143e+05	-1377.15	-0.07	-552.50	0.0	2.129e+04	6615.38	24.20	-1636.85	-3605.92	2.346e+04
		2.346e+04	-3605.92	3.46e-04	0.0	92.1	2.129e+04	6062.88	24.20	-1636.85	-1377.15	4.143e+05
306	188	5.275e+05	-4966.78	-0.10	-552.50	0.0	3.520e+04	9864.92	9.02	-6.291e+04	-4966.78	5.275e+05
		-4966.78	5797.51	4.15e-04	0.0	92.1	3.520e+04	9312.42	9.02	-6.291e+04	-4966.78	5.275e+05
306	231	3.529e+05	482.36	-0.06	-552.50	0.0	2.394e+04	6794.32	51.61	4171.52	482.36	3.529e+05
		-5.423e+04	-4270.16	-2.91e-04	0.0	92.1	2.394e+04	6241.82	51.61	4171.52	-4270.16	-5.423e+04
306	239	6.960e+05	-8143.97	-0.09	-552.50	0.0	3.308e+04	6981.53	121.55	-4193.56	-1.934e+04	3.038e+05
		3.038e+05	-1.934e+04	4.69e-04	0.0	92.1	3.308e+04	6429.03	121.55	-4193.56	-8143.97	6.960e+05
306	243	1.225e+06	-1209.06	-0.22	-552.50	0.0	4.352e+04	1.630e+04	-22.38	-6.380e+04	-1209.06	2.555e+05
		2.555e+05	-3270.33	1.30e-03	0.0	92.1	4.352e+04	1.575e+04	-22.38	-6.380e+04	-3270.33	1.225e+06
306	268	4.234e+05	-1070.68	-0.07	-552.50	0.0	2.184e+04	6785.38	31.96	130.45	-1070.68	4.234e+05
		2.175e+04	-4013.96	2.09e-04	0.0	92.1	2.184e+04	6232.88	31.96	130.45	-1070.68	4.234e+05
306	300	3.503e+05	-865.13	-0.07	-552.50	0.0	2.405e+04	6805.23	55.45	670.67	-5971.59	-5.796e+04
		-5.796e+04	-5971.59	8.47e-05	0.0	92.1	2.405e+04	6252.73	55.45	670.67	-865.13	3.503e+05
306	310	4.240e+05	-1055.59	-0.07	-552.50	0.0	2.188e+04	6798.77	34.88	990.92	-4267.75	2.137e+04
		2.137e+04	-4267.75	1.37e-04	0.0	92.1	2.188e+04	6246.27	34.88	990.92	-1055.59	4.240e+05
306	313	3.685e+05	-541.70	-0.07	-552.50	0.0	2.353e+04	6802.23	56.19	509.75	-5715.97	-3.863e+04

		-3.863e+04	-5715.97	-1.06e-04	0.0	92.1	2.353e+04	6249.73	56.19	509.75	-541.70	3.685e+05
306	316	3.702e+05	457.24	-0.07	-552.50	0.0	2.344e+04	6795.50	54.61	3657.19	-4571.60	-3.619e+04
		-3.619e+04	-4571.60	-3.86e-04	0.0	92.1	2.344e+04	6243.00	54.61	3657.19	457.24	3.702e+05
306	318	6.275e+05	-6012.51	-0.09	-552.50	0.0	3.030e+04	6935.90	107.07	-2616.62	-1.587e+04	2.324e+05
		2.324e+05	-1.587e+04	2.65e-04	0.0	92.1	3.030e+04	6383.40	107.07	-2616.62	-6012.51	6.275e+05
306	319	1.024e+06	-2275.77	-0.19	-552.50	0.0	3.813e+04	1.392e+04	-0.89	-4.732e+04	-2275.77	1.961e+05
		1.961e+05	-2357.28	8.09e-04	0.0	92.1	3.813e+04	1.337e+04	-0.89	-4.732e+04	-2357.28	1.024e+06
306	324	4.235e+05	-697.34	-0.07	-552.50	0.0	2.190e+04	6798.78	42.06	1269.56	-4570.69	2.054e+04
		2.054e+04	-4570.69	-6.73e-05	0.0	92.1	2.190e+04	6246.28	42.06	1269.56	-697.34	4.235e+05
306	325	3.876e+05	124.24	-0.07	-552.50	0.0	2.296e+04	6766.01	61.62	-652.62	-5689.46	-1.248e+04
		-1.248e+04	-5689.46	-4.37e-04	0.0	92.1	2.296e+04	6213.51	61.62	-652.62	124.24	3.876e+05
306	328	4.594e+05	-1518.92	-0.07	-552.50	0.0	2.083e+04	6831.56	22.51	3191.73	-3451.93	5.357e+04
		5.357e+04	-3451.93	3.02e-04	0.0	92.1	2.083e+04	6279.06	22.51	3191.73	-1518.92	4.594e+05
306	329	3.879e+05	120.15	-0.07	-552.50	0.0	2.278e+04	6755.56	62.14	2031.10	-5692.45	-1.287e+04
		-1.287e+04	-5692.45	-3.48e-04	0.0	92.1	2.278e+04	6203.06	62.14	2031.10	120.15	3.879e+05
306	345	4.031e+05	342.66	-0.07	-552.50	0.0	2.287e+04	6829.53	67.53	-5473.36	-6268.87	2626.43
		2626.43	-6268.87	-1.36e-03	0.0	92.1	2.287e+04	6277.03	67.53	-5473.36	342.66	4.031e+05
306	349	4.039e+05	309.55	-0.07	-552.50	0.0	2.227e+04	6794.70	69.15	3409.73	-6287.05	1163.20
		1163.20	-6287.05	-1.02e-03	0.0	92.1	2.227e+04	6242.20	69.15	3409.73	309.55	4.039e+05
306	357	4.059e+05	-248.17	-0.07	-552.50	0.0	2.234e+04	6777.96	51.53	1777.25	-5103.75	4127.33
		4127.33	-5103.75	-2.60e-04	0.0	92.1	2.234e+04	6225.46	51.53	1777.25	-248.17	4.059e+05
306	360	4.411e+05	-1146.51	-0.07	-552.50	0.0	2.145e+04	6819.60	32.60	761.86	-4037.63	3.696e+04
		3.696e+04	-4037.63	1.29e-04	0.0	92.1	2.145e+04	6267.10	32.60	761.86	-1146.51	4.411e+05
306	361	4.057e+05	-289.22	-0.07	-552.50	0.0	2.234e+04	6777.38	52.09	1650.53	-5129.61	3822.18
		3822.18	-5129.61	-2.07e-04	0.0	92.1	2.234e+04	6224.88	52.09	1650.53	-289.22	4.057e+05
306	364	4.413e+05	-1105.46	-0.07	-552.50	0.0	2.146e+04	6820.18	32.04	888.59	-4011.78	3.726e+04
		3.726e+04	-4011.78	8.98e-05	0.0	92.1	2.146e+04	6267.68	32.04	888.59	-1105.46	4.413e+05
306	377	4.145e+05	-50.61	-0.07	-552.50	0.0	2.208e+04	6798.70	53.74	2794.44	-5332.25	1.197e+04
		1.197e+04	-5332.25	-7.37e-04	0.0	92.1	2.208e+04	6246.20	53.74	2794.44	-50.61	4.145e+05
306	381	4.137e+05	-197.19	-0.07	-552.50	0.0	2.208e+04	6796.78	55.53	2340.70	-5422.54	1.088e+04
		1.088e+04	-5422.54	-5.39e-04	0.0	92.1	2.208e+04	6244.28	55.53	2340.70	-197.19	4.137e+05
307	50	6.072e+05	1.546e+04	-0.11	-552.50	0.0	4.013e+04	1.116e+04	-161.36	-4.866e+04	1.546e+04	-7.273e+04
		-7.273e+04	602.69	5.18e-04	0.0	92.1	4.013e+04	1.061e+04	-161.36	-4.866e+04	602.69	6.072e+05
307	65	1.291e+06	3.322e+04	-0.17	-745.88	0.0	6.301e+04	1.343e+04	-306.87	-7.432e+04	3.322e+04	5.231e+05
		5.231e+05	4960.36	8.77e-04	0.0	92.1	6.301e+04	1.268e+04	-306.87	-7.432e+04	4960.36	1.291e+06
307	73	2.040e+06	1.861e+04	-0.37	-745.88	0.0	7.722e+04	2.785e+04	-239.74	-1.525e+05	1.861e+04	3.763e+05
		3.763e+05	-3467.92	1.80e-03	0.0	92.1	7.722e+04	2.710e+04	-239.74	-1.525e+05	-3467.92	2.040e+06
307	74	1.881e+06	1.686e+04	-0.34	-552.50	0.0	6.896e+04	2.528e+04	-221.96	-1.507e+05	1.686e+04	3.703e+05
		3.703e+05	-3576.98	1.78e-03	0.0	92.1	6.896e+04	2.473e+04	-221.96	-1.507e+05	-3576.98	1.881e+06
307	162	4.129e+05	4518.80	-0.07	-552.50	0.0	2.133e+04	6615.40	-45.84	797.22	4518.80	2.098e+04
		2.098e+04	297.61	2.63e-04	0.0	92.1	2.133e+04	6062.90	-45.84	797.22	297.61	4.129e+05
307	231	3.385e+05	7874.55	-0.06	-552.50	0.0	2.448e+04	6813.93	-72.43	3189.18	7874.55	-7.224e+04
		-7.224e+04	1205.25	-6.62e-05	0.0	92.1	2.448e+04	6261.43	-72.43	3189.18	1205.25	3.385e+05
307	239	7.277e+05	1.973e+04	-0.09	-552.50	0.0	3.531e+04	6592.40	-167.04	-1.447e+04	1.973e+04	3.647e+05
		3.647e+05	4352.37	3.10e-04	0.0	92.1	3.531e+04	6039.90	-167.04	-1.447e+04	4352.37	7.277e+05
307	243	1.282e+06	8912.19	-0.24	-552.50	0.0	4.584e+04	1.727e+04	-117.32	-7.239e+04	8912.19	2.560e+05
		2.560e+05	-1890.80	9.93e-04	0.0	92.1	4.584e+04	1.672e+04	-117.32	-7.239e+04	-1890.80	1.282e+06
307	287	4.225e+05	4619.85	-0.07	-552.50	0.0	2.187e+04	6785.39	-46.32	-687.73	4619.85	2.010e+04
		2.010e+04	354.17	1.95e-04	0.0	92.1	2.187e+04	6232.89	-46.32	-687.73	354.17	4.225e+05
307	309	4.235e+05	4570.69	-0.07	-552.50	0.0	2.190e+04	6798.78	-42.06	-1269.57	4570.69	2.054e+04
		2.054e+04	697.33	6.73e-05	0.0	92.1	2.190e+04	6246.28	-42.06	-1269.57	697.33	4.235e+05
307	316	3.601e+05	6820.47	-0.07	-552.50	0.0	2.382e+04	6810.20	-59.45	2281.28	6820.47	-4.846e+04
		-4.846e+04	1345.85	-1.27e-04	0.0	92.1	2.382e+04	6257.70	-59.45	2281.28	1345.85	3.601e+05
307	318	6.520e+05	1.572e+04	-0.09	-552.50	0.0	3.195e+04	6644.05	-130.42	-1.096e+04	1.572e+04	2.793e+05
		2.793e+05	3706.19	-1.50e-04	0.0	92.1	3.195e+04	6091.55	-130.42	-1.096e+04	3706.19	6.520e+05
307	319	1.068e+06	7598.69	-0.20	-552.50	0.0	3.984e+04	1.465e+04	-93.12	-5.441e+04	7598.69	1.977e+05
		1.977e+05	-976.19	6.10e-04	0.0	92.1	3.984e+04	1.410e+04	-93.12	-5.441e+04	-976.19	1.068e+06
307	324	4.235e+05	4570.69	-0.07	-552.50	0.0	2.190e+04	6798.78	-42.06	-1269.57	4570.69	2.054e+04
		2.054e+04	697.33	6.73e-05	0.0	92.1	2.190e+04	6246.28	-42.06	-1269.57	697.33	4.235e+05
307	334	3.867e+05	5703.70	-0.07	-552.50	0.0	2.293e+04	6765.19	-61.84	641.48	5703.70	-1.353e+04
		-1.353e+04	-144.61	4.38e-04	0.0	92.1	2.293e+04	6212.69	-61.84	641.48	-144.61	3.867e+05
307	335	4.603e+05	3437.68	-0.07	-552.50	0.0	2.086e+04	6832.37	-22.29	-3180.62	3437.68	5.461e+04
		5.461e+04	1539.28	-3.04e-04	0.0	92.1	2.086e+04	6279.87	-22.29	-3180.62	1539.28	4.603e+05
307	342	4.002e+05	6316.32	-0.07	-552.50	0.0	2.277e+04	6826.80	-68.26	5436.28	6316.32	-853.46
		-853.46	-410.54	1.36e-03	0.0	92.1	2.277e+04	6274.30	-68.26	5436.28	-410.54	4.002e+05
307	346	4.000e+05	6324.56	-0.07	-552.50	0.0	2.277e+04	6826.80	-68.14	5498.89	6324.56	-1008.09
		-1008.09	-391.08	1.32e-03	0.0	92.1	2.277e+04	6274.30	-68.14	5498.89	-391.08	4.000e+05
307	366	4.059e+05	5103.75	-0.07	-552.50	0.0	2.234e+04	6777.96	-51.53	-1777.27	5103.75	4127.35
		4127.35	248.16	2.60e-04	0.0	92.1	2.234e+04	6225.46	-51.53	-1777.27	248.16	4.059e+05
307	367	4.411e+05	4037.63	-0.07	-552.50	0.0	2.145e+04	6819.60	-32.60	-761.88	4037.63	3.696e+04
		3.696e+04	1146.50	-1.29e-04	0.0	92.1	2.145e+04	6267.10	-32.60	-761.88	1146.50	4.411e+05
307	370	4.057e+05	5129.61	-0.07	-552.50	0.0	2.234e+04	6777.38	-52.09	-1650.55	5129.61	3822.24
		3822.24	289.21	2.07e-04	0.0	92.1	2.234e+04	6224.88	-52.09	-1650.55	289.21	4.057e+05
307	371	4.413e+05	4011.78	-0.07	-552.50	0.0	2.146e+04	6820.18	-32.04	-888.60	4011.78	3.726e+04
		3.726e+04	1105.45	-8.98e-05	0.0	92.1	2.146e+04	6267.68	-32.04	-888.60	1105.45	4.413e+05
307	374	4.145e+05	5332.25	-0.07	-552.50	0.0	2.208e+04	6798.70	-53.74	-2794.45	5332.25	1.197e+04
		1.197e+04	50.61	7.37e-04	0.0	92.1	2.208e+04	6246.20	-53.74	-2794.45	50.61	4.145e+05

307	386	4.137e+05	5422.53	-0.07	-552.50	0.0	2.208e+04	6796.78	-55.53	-2340.72	5422.53	1.088e+04
		1.088e+04	197.18	5.39e-04	0.0	92.1	2.208e+04	6244.28	-55.53	-2340.72	197.18	4.137e+05
308	50	6.458e+05	-6337.52	-0.12	-552.50	0.0	4.437e+04	1.239e+04	95.59	-5.885e+04	-1.514e+04	-1.226e+05
		-1.226e+05	-1.514e+04	-2.72e-04	0.0	92.1	4.437e+04	1.184e+04	95.59	-5.885e+04	-6337.52	6.458e+05
308	65	1.375e+06	-1.261e+04	-0.19	-745.88	0.0	6.626e+04	1.509e+04	199.58	-7.995e+04	-3.099e+04	4.996e+05
		4.996e+05	3.099e+04	4.23e-04	0.0	92.1	6.626e+04	1.435e+04	199.58	-7.995e+04	-1.261e+04	1.375e+06
308	73	2.219e+06	-1.382e+04	-0.40	-745.88	0.0	8.488e+04	3.102e+04	58.96	-1.697e+05	-1.925e+04	3.609e+05
		3.609e+05	-1.925e+04	3.65e-04	0.0	92.1	8.488e+04	3.028e+04	58.96	-1.697e+05	-1.382e+04	2.219e+06
308	162	4.221e+05	-5065.68	-0.07	-552.50	0.0	2.180e+04	6812.90	43.66	-1.088e+04	-9085.77	1.709e+04
		1.709e+04	-9085.77	-1.35e-04	0.0	92.1	2.180e+04	6260.40	43.66	-1.088e+04	-5065.68	4.221e+05
308	206	4.257e+05	-4588.28	-0.07	-552.50	0.0	2.184e+04	6857.18	45.00	-1.159e+04	-8731.77	1.993e+04
		1.993e+04	-8731.77	-3.19e-04	0.0	92.1	2.184e+04	6304.68	45.00	-1.159e+04	-4588.28	4.257e+05
308	231	3.408e+05	-5270.99	-0.07	-552.50	0.0	2.594e+04	7093.33	68.53	-1.070e+04	-1.158e+04	-9.346e+04
		-9.346e+04	-1.158e+04	-4.14e-04	0.0	92.1	2.594e+04	6540.83	68.53	-1.070e+04	-5270.99	3.408e+05
308	239	7.528e+05	-7531.90	-0.10	-552.50	0.0	3.560e+04	7065.25	137.31	-1.918e+04	-2.018e+04	3.599e+05
		3.599e+05	-2.018e+04	2.23e-04	0.0	92.1	3.560e+04	6512.75	137.31	-1.918e+04	-7531.90	7.528e+05
308	243	1.378e+06	-8425.01	-0.25	-552.50	0.0	4.939e+04	1.887e+04	33.15	-8.569e+04	-1.148e+04	2.572e+05
		2.572e+05	-1.148e+04	1.74e-04	0.0	92.1	4.939e+04	1.831e+04	33.15	-8.569e+04	-8425.01	1.378e+06
308	287	4.394e+05	-5983.60	-0.07	-552.50	0.0	2.261e+04	7054.06	41.04	-1.484e+04	-9762.35	2.017e+04
		2.017e+04	-9762.35	-2.19e-04	0.0	92.1	2.261e+04	6501.56	41.04	-1.484e+04	-5983.60	4.394e+05
308	309	4.418e+05	-5666.74	-0.07	-552.50	0.0	2.264e+04	7083.55	41.92	-1.532e+04	-9527.20	2.205e+04
		2.205e+04	-9527.20	-3.41e-04	0.0	92.1	2.264e+04	6531.05	41.92	-1.532e+04	-5666.74	4.418e+05
308	316	3.673e+05	-5132.78	-0.07	-552.50	0.0	2.505e+04	7095.71	62.92	-1.166e+04	-1.093e+04	-6.214e+04
		-6.214e+04	-1.093e+04	-5.37e-04	0.0	92.1	2.505e+04	6543.21	62.92	-1.166e+04	-5132.78	3.673e+05
308	318	6.762e+05	-6828.47	-0.09	-552.50	0.0	3.230e+04	7074.65	114.50	-1.803e+04	-1.737e+04	2.779e+05
		2.779e+05	-1.737e+04	-3.09e-04	0.0	92.1	3.230e+04	6522.15	114.50	-1.803e+04	-6828.47	6.762e+05
308	319	1.145e+06	-7498.30	-0.21	-552.50	0.0	4.265e+04	1.592e+04	36.38	-6.791e+04	-1.085e+04	2.008e+05
		2.008e+05	-1.085e+04	-2.58e-04	0.0	92.1	4.265e+04	1.537e+04	36.38	-6.791e+04	-7498.30	1.145e+06
308	324	4.418e+05	-5666.74	-0.07	-552.50	0.0	2.264e+04	7083.55	41.92	-1.532e+04	-9527.20	2.205e+04
		2.205e+04	-9527.20	-3.41e-04	0.0	92.1	2.264e+04	6531.05	41.92	-1.532e+04	-5666.74	4.418e+05
308	334	3.921e+05	-5773.94	-0.07	-552.50	0.0	2.403e+04	6927.29	55.57	-1.250e+04	-1.169e+04	-1.740e+04
		-1.740e+04	-1.169e+04	1.66e-04	0.0	92.1	2.403e+04	6374.79	55.57	-1.250e+04	-5773.94	3.921e+05
308	346	3.814e+05	-6528.23	-0.07	-552.50	0.0	2.472e+04	6748.71	34.58	-7913.76	-1.199e+04	-1.553e+04
		-1.553e+04	-1.199e+04	8.32e-04	0.0	92.1	2.472e+04	6196.21	34.58	-7913.76	-6528.23	3.814e+05
308	347	5.022e+05	-4805.24	-0.08	-552.50	0.0	2.055e+04	7418.40	49.26	-2.272e+04	-7062.02	5.963e+04
		5.963e+04	-7062.02	-1.51e-03	0.0	92.1	2.055e+04	6865.90	49.26	-2.272e+04	-4805.24	5.022e+05
308	353	4.698e+05	-4539.30	-0.07	-552.50	0.0	2.236e+04	7216.06	38.02	-1.265e+04	-8710.94	3.923e+05
		3.923e+04	-8710.94	-1.22e-03	0.0	92.1	2.236e+04	6663.56	38.02	-1.265e+04	-4539.30	4.698e+05
308	366	4.204e+05	-5687.57	-0.07	-552.50	0.0	2.310e+04	7043.06	51.94	-1.532e+04	-1.052e+04	3427.28
		3427.28	-1.052e+04	-1.68e-04	0.0	92.1	2.310e+04	6490.56	51.94	-1.532e+04	-5687.57	4.204e+05
308	370	4.187e+05	-5744.51	-0.07	-552.50	0.0	2.313e+04	7030.65	51.99	-1.536e+04	-1.050e+04	2606.51
		2606.51	-1.050e+04	-2.22e-04	0.0	92.1	2.313e+04	6478.15	51.99	-1.536e+04	-5744.51	4.187e+05
308	371	4.649e+05	-5588.97	-0.07	-552.50	0.0	2.214e+04	7136.46	31.86	-1.527e+04	-8554.06	4.149e+04
		4.149e+04	-8554.06	-4.60e-04	0.0	92.1	2.214e+04	6583.96	31.86	-1.527e+04	-5588.97	4.649e+05
308	385	4.557e+05	-5108.68	-0.07	-552.50	0.0	2.250e+04	7149.40	40.04	-1.398e+04	-9128.74	3.054e+04
		3.054e+04	-9128.74	-7.77e-04	0.0	92.1	2.250e+04	6596.90	40.04	-1.398e+04	-5108.68	4.557e+05
308	387	4.661e+05	-5158.02	-0.07	-552.50	0.0	2.225e+04	7167.65	34.81	-1.418e+04	-8658.87	3.984e+04
		3.984e+04	-8658.87	-7.70e-04	0.0	92.1	2.225e+04	6615.15	34.81	-1.418e+04	-5158.02	4.661e+05
309	89	4.998e+06	-1.908e+04	-0.03	-826.88	0.0	2.441e+05	-8297.98	106.69	-5599.09	-2.997e+04	4.998e+06
		4.998e+06	-1.908e+04	-0.03	-826.88	102.1	2.441e+05	-9124.86	106.69	-5599.09	-1.908e+04	4.998e+06
309	160	8.754e+05	-4415.27	-0.01	-612.50	0.0	5.041e+04	1070.12	-4.98	-6758.89	-4415.27	8.257e+05
		8.257e+05	-4415.27	-0.01	-612.50	102.1	5.041e+04	457.62	-4.98	-6758.89	-4923.39	8.754e+05
309	184	8.625e+05	-4135.43	-0.01	-612.50	0.0	5.078e+04	1070.96	-4.90	-6692.47	-4135.43	8.129e+05
		8.129e+05	-4135.43	-0.01	-612.50	102.1	5.078e+04	458.46	-4.90	-6692.47	-4635.25	8.625e+05
309	206	8.821e+05	-3388.88	-0.01	-612.50	0.0	5.064e+04	1073.32	-4.34	-6604.66	-3388.88	8.327e+05
		8.327e+05	-3388.88	-0.01	-612.50	102.1	5.064e+04	460.82	-4.34	-6604.66	-3831.69	8.821e+05
309	243	8.220e+05	-4275.77	-0.01	-612.50	0.0	5.503e+04	1104.40	-8.97	-8864.60	-4275.77	7.683e+05
		7.683e+05	-4275.77	-0.01	-612.50	102.1	5.503e+04	491.90	-8.97	-8864.60	-5191.41	8.220e+05
309	251	3.181e+06	-1.065e+04	-0.02	-612.50	0.0	1.494e+05	-6591.48	77.18	-1216.77	-1.853e+04	3.181e+06
		3.181e+06	-1.065e+04	-0.02	-612.50	102.1	1.494e+05	-7203.98	77.18	-1216.77	-1.065e+04	3.181e+06
309	286	9.082e+05	-4940.92	-0.01	-612.50	0.0	5.221e+04	1112.71	-7.63	-8264.74	-4940.92	8.557e+05
		8.557e+05	-4940.92	-0.01	-612.50	102.1	5.221e+04	500.21	-7.63	-8264.74	-5719.88	9.082e+05
309	310	9.158e+05	-4834.16	-0.01	-612.50	0.0	5.220e+04	1112.96	-7.45	-8277.70	-4834.16	8.633e+05
		8.633e+05	-4834.16	-0.01	-612.50	102.1	5.220e+04	500.46	-7.45	-8277.70	-5594.67	9.158e+05
309	319	8.469e+05	-3835.93	-0.01	-612.50	0.0	5.438e+04	1108.48	-8.33	-8605.46	-3835.93	7.937e+05
		7.937e+05	-3835.93	-0.01	-612.50	102.1	5.438e+04	495.98	-8.33	-8605.46	-4686.10	8.469e+05
309	321	2.603e+06	-8778.01	-0.01	-612.50	0.0	1.252e+05	-4663.43	56.29	-1044.44	-1.452e+04	2.603e+06
		2.603e+06	-8778.01	-0.01	-612.50	102.1	1.252e+05	-5275.93	56.29	-1044.44	-8778.01	2.603e+06
309	324	9.127e+05	-4256.67	-0.01	-612.50	0.0	5.237e+04	1114.84	-7.20	-8161.90	-4256.67	8.604e+05
		8.604e+05	-4256.67	-0.01	-612.50	102.1	5.237e+04	502.34	-7.20	-8161.90	-4992.11	9.127e+05
309	326	1.093e+06	-7250.79	-0.01	-612.50	0.0	3.999e+04	1282.41	15.41	-1.015e+04	-7057.54	1.036e+06
		1.036e+06	-7250.79	-0.01	-612.50	102.1	3.999e+04	669.91	15.41	-1.015e+04	-7250.79	1.093e+06
309	327	7.319e+05	-1455.79	-0.01	-612.50	0.0	6.475e+04	947.27	-29.82	-6173.84	-1455.79	6.851e+05
		6.851e+05	-1455.79	-0.01	-612.50	102.1	6.475e+04	334.77	-29.82	-6173.84	-2733.43	7.319e+05
309	341	8.871e+05	1.027e+04	-0.01	-612.50	0.0	6.043e+04	872.12	-103.54	-6458.93	1.027e+04	8.233e+05
		8.233e+05	1.027e+04	-0.01	-612.50	102.1	6.043e+04	259.62	-103.54	-6458.93	-546.00	8.871e+05
309	344	9.382e+05	-9438.22	-0.01	-612.50	0.0	4.430e+04	1357.56	89.13	-9864.86	-1.878e+04	8.975e+05

		8.975e+05	-1.878e+04	-1.34e-03	0.0	102.1	4.430e+04	745.06	89.13	-9864.86	-9438.22	9.382e+05
309	346	1.034e+06	-9926.58	-0.01	-612.50	0.0	3.878e+04	1410.09	85.55	-1.067e+04	-1.794e+04	9.879e+05
		9.879e+05	-1.794e+04	-1.36e-03	0.0	102.1	3.878e+04	797.59	85.55	-1.067e+04	-9926.58	1.034e+06
309	347	7.918e+05	9423.71	-0.01	-612.50	0.0	6.595e+04	819.59	-99.96	-5652.80	9423.71	7.329e+05
		7.329e+05	-57.64	1.33e-03	0.0	102.1	6.595e+04	207.09	-99.96	-5652.80	-57.64	7.918e+05
309	363	8.287e+05	-4214.78	-0.01	-612.50	0.0	5.722e+04	1099.98	-5.28	-6765.59	-4594.06	7.795e+05
		7.795e+05	-4594.06	9.58e-05	0.0	102.1	5.722e+04	487.48	-5.28	-6765.59	-4214.78	8.287e+05
309	366	9.978e+05	-4119.46	-0.01	-612.50	0.0	4.709e+04	1143.16	-9.30	-9331.10	-4119.46	9.407e+05
		9.407e+05	-6040.53	1.36e-04	0.0	102.1	4.709e+04	530.66	-9.30	-9331.10	-6040.53	9.978e+05
309	367	8.275e+05	-3943.69	-0.01	-612.50	0.0	5.765e+04	1086.52	-5.11	-6992.69	-4393.88	7.801e+05
		7.801e+05	-4393.88	7.46e-05	0.0	102.1	5.765e+04	474.02	-5.11	-6992.69	-3943.69	8.275e+05
309	373	9.252e+05	-2138.53	-0.01	-612.50	0.0	5.292e+04	1183.46	-11.45	-6747.28	-2138.53	8.738e+05
		8.738e+05	-2948.39	-1.80e-04	0.0	102.1	5.292e+04	570.96	-11.45	-6747.28	-2948.39	9.252e+05
309	374	9.491e+05	-5940.30	-0.01	-612.50	0.0	4.903e+04	1072.82	-4.71	-9992.82	-5940.30	8.935e+05
		8.935e+05	-7294.08	2.37e-04	0.0	102.1	4.903e+04	460.32	-4.71	-9992.82	-7294.08	9.491e+05
310	89	4.611e+06	7634.95	-0.03	-826.88	0.0	2.237e+05	-7246.08	-159.46	-1.039e+04	7634.95	4.611e+06
		4.075e+06	-8643.60	-2.14e-05	0.0	102.1	2.237e+05	-8072.96	-159.46	-1.039e+04	-8643.60	4.075e+06
310	98	3.922e+06	-8905.29	-0.09	-612.50	0.0	1.742e+05	1.164e+04	23.83	-2534.11	-1.134e+04	3.181e+06
		3.181e+06	-1.134e+04	4.84e-04	0.0	102.1	1.742e+05	1.103e+04	23.83	-2534.11	-8905.29	3.922e+06
310	184	8.475e+05	675.59	-0.01	-612.50	0.0	5.017e+04	994.91	3.85	2065.86	282.17	8.031e+05
		8.031e+05	282.17	2.33e-05	0.0	102.1	5.017e+04	382.41	3.85	2065.86	675.59	8.475e+05
310	206	8.677e+05	1529.17	-0.01	-612.50	0.0	4.971e+04	994.44	4.47	2182.26	1073.25	8.234e+05
		8.234e+05	1073.25	-4.06e-05	0.0	102.1	4.971e+04	381.94	4.47	2182.26	1529.17	8.677e+05
310	243	8.044e+05	1227.96	-0.01	-612.50	0.0	5.362e+04	996.64	2.50	1286.58	972.38	7.598e+05
		7.598e+05	972.38	6.68e-05	0.0	102.1	5.362e+04	384.14	2.50	1286.58	1227.96	8.044e+05
310	251	2.988e+06	8384.93	-0.01	-612.50	0.0	1.400e+05	-5837.64	-113.76	-3756.87	8384.93	2.988e+06
		2.560e+06	-3228.06	-1.00e-04	0.0	102.1	1.400e+05	-6450.14	-113.76	-3756.87	-3228.06	2.560e+06
310	255	2.696e+06	-3224.71	-0.06	-612.50	0.0	1.177e+05	8417.89	23.11	2448.41	-5584.19	2.167e+06
		2.167e+06	-5584.19	2.59e-04	0.0	102.1	1.177e+05	7805.39	23.11	2448.41	-3224.71	2.696e+06
310	287	8.829e+05	849.36	-0.01	-612.50	0.0	5.107e+04	999.26	4.10	1985.30	430.74	8.386e+05
		8.386e+05	430.74	1.34e-05	0.0	102.1	5.107e+04	386.76	4.10	1985.30	849.36	8.829e+05
310	310	8.907e+05	689.47	-0.01	-612.50	0.0	5.100e+04	999.05	3.91	1871.84	290.45	8.464e+05
		8.464e+05	290.45	2.23e-05	0.0	102.1	5.100e+04	386.55	3.91	1871.84	689.47	8.907e+05
310	319	8.294e+05	1754.40	-0.01	-612.50	0.0	5.286e+04	997.10	3.37	1580.28	1410.56	7.849e+05
		7.849e+05	1410.56	-2.68e-05	0.0	102.1	5.286e+04	384.60	3.37	1580.28	1754.40	8.294e+05
310	321	2.456e+06	6969.97	-0.01	-612.50	0.0	1.176e+05	-4128.61	-83.83	-2202.31	6969.97	2.456e+06
		2.146e+06	-1587.62	-1.06e-04	0.0	102.1	1.176e+05	-4741.11	-83.83	-2202.31	-1587.62	2.146e+06
310	322	2.248e+06	-1585.11	-0.05	-612.50	0.0	1.009e+05	6563.04	18.83	2451.65	-3506.86	1.840e+06
		1.840e+06	-3506.86	1.61e-04	0.0	102.1	1.009e+05	5950.54	18.83	2451.65	-1585.11	2.248e+06
310	324	8.897e+05	1349.83	-0.01	-612.50	0.0	5.102e+04	998.96	4.42	2020.88	899.10	8.455e+05
		8.455e+05	899.10	-3.21e-05	0.0	102.1	5.102e+04	386.46	4.42	2020.88	1349.83	8.897e+05
310	326	1.049e+06	-1027.53	-0.01	-612.50	0.0	4.134e+04	898.83	30.04	509.74	-3987.35	1.000e+06
		1.000e+06	-3987.35	-3.77e-04	0.0	102.1	4.134e+04	286.33	30.04	509.74	-1027.53	1.049e+06
310	327	7.306e+05	5785.55	-0.01	-612.50	0.0	6.069e+04	1099.09	-21.21	3532.02	5785.55	6.906e+05
		6.906e+05	3727.19	3.58e-04	0.0	102.1	6.069e+04	486.59	-21.21	3532.02	3727.19	7.306e+05
310	334	1.049e+06	-1104.45	-0.01	-612.50	0.0	4.130e+04	898.19	29.74	444.03	-3140.66	1.000e+06
		1.000e+06	-3140.66	-3.65e-04	0.0	102.1	4.130e+04	285.69	29.74	444.03	-1104.45	1.049e+06
310	335	7.306e+05	4938.86	-0.01	-612.50	0.0	6.073e+04	1099.73	-20.91	3597.73	4938.86	6.906e+05
		6.906e+05	3804.12	3.46e-04	0.0	102.1	6.073e+04	487.23	-20.91	3597.73	3804.12	7.306e+05
310	345	9.129e+05	1.602e+04	-0.01	-612.50	0.0	5.080e+04	1100.94	-91.35	3505.54	1.602e+04	8.289e+05
		8.289e+05	6784.60	1.14e-03	0.0	102.1	5.080e+04	488.44	-91.35	3505.54	6784.60	9.129e+05
310	348	8.666e+05	-4084.93	-0.01	-612.50	0.0	5.123e+04	896.97	100.19	536.22	-1.422e+04	8.666e+05
		8.666e+05	-4084.93	-1.16e-03	0.0	102.1	5.123e+04	284.47	100.19	536.22	-4084.93	8.666e+05
310	358	9.691e+05	356.48	-0.01	-612.50	0.0	4.634e+04	969.16	3.17	1121.87	68.67	9.218e+05
		9.218e+05	68.67	3.08e-05	0.0	102.1	4.634e+04	356.66	3.17	1121.87	356.48	9.691e+05
310	363	8.106e+05	2063.56	-0.01	-612.50	0.0	5.558e+04	1028.26	5.56	3041.96	1479.02	7.691e+05
		7.691e+05	1479.02	-5.61e-05	0.0	102.1	5.558e+04	415.76	5.56	3041.96	2063.56	8.106e+05
310	366	9.691e+05	497.37	-0.01	-612.50	0.0	4.632e+04	968.85	3.03	1089.41	497.37	9.218e+05
		9.218e+05	318.55	3.71e-05	0.0	102.1	4.632e+04	356.35	3.03	1089.41	318.55	9.691e+05
310	367	8.104e+05	2381.11	-0.01	-612.50	0.0	5.571e+04	1029.06	5.80	2952.35	1300.83	7.691e+05
		7.691e+05	1300.83	-7.79e-05	0.0	102.1	5.571e+04	416.56	5.80	2952.35	2381.11	8.104e+05
310	379	8.627e+05	3627.11	-0.01	-612.50	0.0	5.287e+04	1000.06	4.25	3533.25	2936.42	8.197e+05
		8.197e+05	2936.42	-1.93e-04	0.0	102.1	5.287e+04	387.56	4.25	3533.25	3627.11	8.627e+05
310	380	8.698e+05	-697.92	-0.01	-612.50	0.0	5.189e+04	1017.49	5.53	823.51	-1276.33	8.260e+05
		8.260e+05	-1276.33	1.61e-04	0.0	102.1	5.189e+04	404.99	5.53	823.51	-697.92	8.698e+05
311	89	4.158e+06	-2.417e+04	-0.03	-826.88	0.0	2.023e+05	-5999.53	144.83	2851.29	-3.896e+04	4.158e+06
		3.708e+06	-3.896e+04	7.97e-04	0.0	102.1	2.023e+05	-6826.41	144.83	2851.29	-2.417e+04	3.708e+06
311	146	8.445e+05	-2116.85	-0.01	-612.50	0.0	5.024e+04	994.64	-5.38	-2514.38	-2116.85	8.003e+05
		8.003e+05	-2665.93	9.96e-05	0.0	102.1	5.024e+04	382.14	-5.38	-2514.38	-2665.93	8.445e+05
311	206	8.677e+05	-1073.25	-0.01	-612.50	0.0	4.971e+04	994.44	-4.47	-2182.26	-1073.25	8.234e+05
		8.234e+05	-1529.17	4.06e-05	0.0	102.1	4.971e+04	381.94	-4.47	-2182.26	-1529.17	8.677e+05
311	243	8.080e+05	-828.94	-0.01	-612.50	0.0	5.322e+04	1000.45	-6.08	-2845.59	-828.94	7.644e+05
		7.644e+05	-1449.80	8.06e-05	0.0	102.1	5.322e+04	387.95	-6.08	-2845.59	-1449.80	8.080e+05
311	251	2.765e+06	-1.174e+04	-0.01	-612.50	0.0	1.307e+05	-4690.58	120.06	1.026e+04	-2.400e+04	2.765e+06
		2.415e+06	-2.400e+04	4.07e-04	0.0	102.1	1.307e+05	-5303.08	120.06	1.026e+04	-1.174e+04	2.415e+06
311	259	8.080e+05	-1144.71	-0.01	-612.50	0.0	5.326e+04	995.24	-3.06	-1047.09	-1144.71	7.636e+05
		7.636e+05	-1456.73	-9.15e-05	0.0	102.1	5.326e+04	382.74	-3.06	-1047.09	-1456.73	8.080e+05

311	268	8.809e+05	-1648.05	-0.01	-612.50	0.0	5.112e+04	999.09	-5.11	-2283.38	-1648.05	8.367e+05
		8.367e+05	-2170.08	7.48e-05	0.0	102.1	5.112e+04	386.59	-5.11	-2283.38	-2170.08	8.809e+05
311	309	8.897e+05	-899.10	-0.01	-612.50	0.0	5.102e+04	998.96	-4.42	-2020.88	-899.10	8.455e+05
		8.455e+05	-1349.84	3.21e-05	0.0	102.1	5.102e+04	386.46	-4.42	-2020.88	-1349.84	8.897e+05
311	319	8.336e+05	-390.00	-0.01	-612.50	0.0	5.253e+04	1000.08	-5.29	-2525.97	-390.00	7.897e+05
		7.897e+05	-930.24	4.05e-05	0.0	102.1	5.253e+04	387.58	-5.29	-2525.97	-930.24	8.336e+05
311	321	2.290e+06	-8649.24	-0.01	-612.50	0.0	1.106e+05	-3268.19	89.31	7304.39	-1.777e+04	2.290e+06
		2.039e+06	-1.777e+04	2.91e-04	0.0	102.1	1.106e+05	-3880.69	89.31	7304.39	-8649.24	2.039e+06
311	323	8.336e+05	-626.83	-0.01	-612.50	0.0	5.256e+04	996.18	-3.02	-1177.10	-626.83	7.891e+05
		7.891e+05	-935.43	-8.99e-05	0.0	102.1	5.256e+04	383.68	-3.02	-1177.10	-935.43	8.336e+05
311	324	8.897e+05	-899.10	-0.01	-612.50	0.0	5.102e+04	998.96	-4.42	-2020.88	-899.10	8.455e+05
		8.455e+05	-1349.84	3.21e-05	0.0	102.1	5.102e+04	386.46	-4.42	-2020.88	-1349.84	8.897e+05
311	325	1.055e+06	3004.82	-0.01	-612.50	0.0	4.101e+04	899.79	-26.05	-461.72	3004.82	1.006e+06
		1.006e+06	1353.56	3.16e-04	0.0	102.1	4.101e+04	287.29	-26.05	-461.72	1353.56	1.055e+06
311	328	7.246e+05	-4053.23	-0.01	-612.50	0.0	6.103e+04	1098.12	17.22	-3580.04	-4803.03	6.848e+05
		6.848e+05	-4803.03	-2.97e-04	0.0	102.1	6.103e+04	485.62	17.22	-3580.04	-4053.23	7.246e+05
311	333	1.055e+06	3851.51	-0.01	-612.50	0.0	4.105e+04	900.43	-26.35	-527.42	3851.51	1.006e+06
		1.006e+06	1276.64	3.28e-04	0.0	102.1	4.105e+04	287.93	-26.35	-527.42	1276.64	1.055e+06
311	336	7.246e+05	-3976.31	-0.01	-612.50	0.0	6.099e+04	1097.48	17.52	-3514.33	-5649.72	6.848e+05
		6.848e+05	-5649.72	-3.09e-04	0.0	102.1	6.099e+04	484.98	17.52	-3514.33	-3976.31	7.246e+05
311	342	8.931e+05	-7614.97	-0.01	-612.50	0.0	5.179e+04	1095.59	79.05	-3446.59	-1.557e+04	8.429e+05
		8.429e+05	-1.557e+04	-9.80e-04	0.0	102.1	5.179e+04	483.09	79.05	-3446.59	-7614.97	8.931e+05
311	343	8.864e+05	1.377e+04	-0.01	-612.50	0.0	5.025e+04	902.33	-87.88	-595.17	1.377e+04	8.480e+05
		8.480e+05	4915.30	9.99e-04	0.0	102.1	5.025e+04	289.83	-87.88	-595.17	4915.30	8.864e+05
311	357	9.691e+05	-318.55	-0.01	-612.50	0.0	4.632e+04	968.85	-3.03	-1089.41	-497.37	9.218e+05
		9.218e+05	-497.37	-3.71e-05	0.0	102.1	4.632e+04	356.35	-3.03	-1089.41	-318.55	9.691e+05
311	360	8.104e+05	-1300.84	-0.01	-612.50	0.0	5.571e+04	1029.06	-5.80	-2952.35	-1300.84	7.691e+05
		7.691e+05	-2381.12	7.79e-05	0.0	102.1	5.571e+04	416.56	-5.80	-2952.35	-2381.12	8.104e+05
311	365	9.691e+05	-68.67	-0.01	-612.50	0.0	4.634e+04	969.16	-3.17	-1121.87	-68.67	9.218e+05
		9.218e+05	-356.48	-3.08e-05	0.0	102.1	4.634e+04	356.66	-3.17	-1121.87	-356.48	9.691e+05
311	372	8.106e+05	-1479.02	-0.01	-612.50	0.0	5.558e+04	1028.26	-5.56	-3041.96	-1479.02	7.691e+05
		7.691e+05	-2063.56	5.61e-05	0.0	102.1	5.558e+04	415.76	-5.56	-3041.96	-2063.56	8.106e+05
311	375	8.698e+05	1276.33	-0.01	-612.50	0.0	5.189e+04	1017.49	-5.53	-823.51	1276.33	8.260e+05
		8.260e+05	697.92	-1.61e-04	0.0	102.1	5.189e+04	404.99	-5.53	-823.51	697.92	8.698e+05
311	376	8.627e+05	-2936.43	-0.01	-612.50	0.0	5.287e+04	1000.06	-4.25	-3533.26	-2936.43	8.197e+05
		8.197e+05	-3627.11	1.93e-04	0.0	102.1	5.287e+04	387.56	-4.25	-3533.26	-3627.11	8.627e+05
312	89	3.783e+06	1272.27	-0.02	-826.88	0.0	1.847e+05	-5190.35	-46.49	1.105e+04	1272.27	3.783e+06
		3.392e+06	-3473.47	-3.14e-04	0.0	102.1	1.847e+05	-6017.23	-46.49	1.105e+04	-3473.47	3.392e+06
312	90	3.450e+06	-1215.53	-0.02	-612.50	0.0	1.644e+05	-5628.29	-52.31	6406.41	-1215.53	3.450e+06
		3.037e+06	-6555.19	-2.97e-04	0.0	102.1	1.644e+05	-6240.79	-52.31	6406.41	-6555.19	3.037e+06
312	146	8.532e+05	2819.16	-0.01	-612.50	0.0	5.130e+04	1076.61	4.16	6344.14	2394.71	8.040e+05
		8.040e+05	2394.71	8.43e-05	0.0	102.1	5.130e+04	464.11	4.16	6344.14	2819.16	8.532e+05
312	181	1.223e+06	1.004e+04	-0.02	-826.88	0.0	7.197e+04	1520.30	140.84	1.322e+04	6084.04	1.152e+06
		1.152e+06	6084.04	-2.26e-04	-255.72	102.1	7.197e+04	693.42	-114.88	1.322e+04	7408.92	1.223e+06
312	206	8.821e+05	3831.69	-0.01	-612.50	0.0	5.064e+04	1073.32	4.34	6604.66	3388.88	8.327e+05
		8.327e+05	3388.88	-7.04e-05	0.0	102.1	5.064e+04	460.82	4.34	6604.66	3831.69	8.821e+05
312	251	2.590e+06	3443.56	-0.02	-612.50	0.0	1.239e+05	-4040.09	-33.03	1.079e+04	3443.56	2.590e+06
		2.288e+06	72.07	-3.28e-04	0.0	102.1	1.239e+05	-4652.59	-33.03	1.079e+04	72.07	2.288e+06
312	259	8.313e+05	4915.26	-0.01	-612.50	0.0	5.416e+04	1103.57	8.32	8968.14	4066.28	7.783e+05
		7.783e+05	4066.28	-1.56e-04	0.0	102.1	5.416e+04	491.07	8.32	8968.14	4915.26	8.313e+05
312	268	8.993e+05	4260.32	-0.01	-612.50	0.0	5.256e+04	1117.40	7.11	7963.18	3534.53	8.472e+05
		8.472e+05	3534.53	-6.85e-05	0.0	102.1	5.256e+04	504.90	7.11	7963.18	4260.32	8.993e+05
312	302	8.598e+05	7085.63	-0.01	-612.50	0.0	5.416e+04	1120.50	94.49	9444.62	4412.94	8.072e+05
		8.072e+05	4412.94	-1.62e-04	-170.48	102.1	5.416e+04	508.00	-75.99	9444.62	5357.46	8.598e+05
312	309	9.127e+05	4992.11	-0.01	-612.50	0.0	5.237e+04	1114.84	7.20	8161.90	4256.67	8.604e+05
		8.604e+05	4256.67	-1.04e-04	0.0	102.1	5.237e+04	502.34	7.20	8161.90	4992.11	9.127e+05
312	319	8.592e+05	5387.63	-0.01	-612.50	0.0	5.336e+04	1121.94	6.51	7589.56	4723.38	8.078e+05
		8.078e+05	4723.38	-1.05e-04	0.0	102.1	5.336e+04	509.44	6.51	7589.56	5387.63	8.592e+05
312	321	2.164e+06	4078.02	-0.01	-612.50	0.0	1.058e+05	-2752.71	-22.80	1.022e+04	4078.02	2.164e+06
		1.951e+06	1750.43	-2.65e-04	0.0	102.1	1.058e+05	-3365.21	-22.80	1.022e+04	1750.43	1.951e+06
312	323	8.585e+05	5382.83	-0.01	-612.50	0.0	5.347e+04	1105.04	8.21	8856.82	4545.06	8.055e+05
		8.055e+05	4545.06	-1.65e-04	0.0	102.1	5.347e+04	492.54	8.21	8856.82	5382.83	8.585e+05
312	324	9.127e+05	4992.11	-0.01	-612.50	0.0	5.237e+04	1114.84	7.20	8161.90	4256.67	8.604e+05
		8.604e+05	4256.67	-1.04e-04	0.0	102.1	5.237e+04	502.34	7.20	8161.90	4992.11	9.127e+05
312	333	1.099e+06	7619.40	-0.01	-612.50	0.0	3.992e+04	1250.17	-8.61	1.006e+04	6758.02	1.042e+06
		1.042e+06	6758.02	3.54e-04	0.0	102.1	3.992e+04	637.67	-8.61	1.006e+04	7619.40	1.099e+06
312	336	7.262e+05	2364.81	-0.01	-612.50	0.0	6.481e+04	979.51	23.02	6264.07	1755.31	6.789e+05
		6.789e+05	1755.31	-3.26e-04	0.0	102.1	6.481e+04	367.01	23.02	6264.07	2364.81	7.262e+05
312	341	1.053e+06	1.694e+04	-0.01	-612.50	0.0	3.857e+04	1302.62	-62.91	1.037e+04	1.694e+04	1.009e+06
		1.009e+06	1.116e+04	1.01e-03	0.0	102.1	3.857e+04	690.12	-62.91	1.037e+04	1.116e+04	1.053e+06
312	344	7.728e+05	-1171.07	-0.01	-612.50	0.0	6.617e+04	927.06	77.32	5953.54	-8425.32	7.123e+05
		7.123e+05	-8425.32	-9.84e-04	0.0	102.1	6.617e+04	314.56	77.32	5953.54	-1171.07	7.728e+05
312	346	8.681e+05	-682.71	-0.01	-612.50	0.0	6.065e+04	979.58	80.90	6759.67	-9272.38	8.026e+05
		8.026e+05	-9272.38	-9.67e-04	0.0	102.1	6.065e+04	367.08	80.90	6759.67	-682.71	8.681e+05
312	347	9.573e+05	1.779e+04	-0.01	-612.50	0.0	4.409e+04	1250.10	-66.49	9564.13	1.779e+04	9.182e+05
		9.182e+05	1.067e+04	9.96e-04	0.0	102.1	4.409e+04	637.60	-66.49	9564.13	1.067e+04	9.573e+05
312	357	9.978e+05	6040.52	-0.01	-612.50	0.0	4.709e+04	1143.16	9.30	9331.11	4119.46	9.407e+05

		9.407e+05	4119.46	-1.36e-04	0.0	102.1	4.709e+04	530.66	9.30	9331.11	6040.52	9.978e+05
312	360	8.275e+05	4393.87	-0.01	-612.50	0.0	5.765e+04	1086.52	5.11	6992.69	4393.87	7.801e+05
		7.801e+05	3943.69	-7.46e-05	0.0	102.1	5.765e+04	474.02	5.11	6992.69	3943.69	8.275e+05
312	372	8.287e+05	4594.06	-0.01	-612.50	0.0	5.722e+04	1099.98	5.28	6765.59	4594.06	7.795e+05
		7.795e+05	4214.77	-9.58e-05	0.0	102.1	5.722e+04	487.48	5.28	6765.59	4214.77	8.287e+05
312	377	9.491e+05	7294.08	-0.01	-612.50	0.0	4.903e+04	1072.82	4.71	9992.82	5940.31	8.935e+05
		8.935e+05	5940.31	-2.37e-04	0.0	102.1	4.903e+04	460.32	4.71	9992.82	7294.08	9.491e+05
312	378	9.252e+05	2948.39	-0.01	-612.50	0.0	5.292e+04	1183.46	11.45	6747.27	2138.52	8.738e+05
		8.738e+05	2138.52	1.80e-04	0.0	102.1	5.292e+04	570.96	11.45	6747.27	2948.39	9.252e+05
313	74	6.368e+05	-6384.74	-0.12	-552.50	0.0	4.462e+04	1.239e+04	97.53	-5.879e+04	-1.537e+04	-1.322e+05
		-1.322e+05	-1.537e+04	-2.60e-04	0.0	92.1	4.462e+04	1.184e+04	97.53	-5.879e+04	-6384.74	6.368e+05
313	89	2.715e+06	-1.597e+04	-0.40	-745.88	0.0	5.748e+04	3.649e+04	39.89	-1.790e+05	-1.964e+04	5.324e+05
		5.324e+05	-1.964e+04	2.50e-04	0.0	92.1	5.748e+04	3.575e+04	39.89	-1.790e+05	-1.597e+04	2.715e+06
313	127	8.404e+05	-1.174e+04	-0.15	-745.88	0.0	5.234e+04	1.513e+04	24.80	-7.430e+04	-2.040e+04	-8.480e+04
		-8.480e+04	-2.040e+04	2.98e-04	138.40	92.1	5.234e+04	1.438e+04	163.20	-7.430e+04	-1.174e+04	8.404e+05
313	206	4.257e+05	-4588.29	-0.07	-552.50	0.0	2.184e+04	6857.18	45.00	-1.159e+04	-4588.29	4.257e+05
		1.993e+04	-8731.82	-3.19e-04	0.0	92.1	2.184e+04	6304.68	45.00	-1.159e+04	-4588.29	4.257e+05
313	243	3.349e+05	-5306.62	-0.06	-552.50	0.0	2.610e+04	7090.31	69.72	-1.072e+04	-1.173e+04	-9.976e+04
		-9.976e+04	-1.173e+04	-4.02e-04	0.0	92.1	2.610e+04	6537.81	69.72	-1.072e+04	-5306.62	3.349e+05
313	251	1.746e+06	-1.002e+04	-0.25	-552.50	0.0	5.748e+04	2.291e+04	18.78	-1.790e+04	-1.175e+04	1.851e+05
		3.851e+05	-1.175e+04	-2.59e-04	0.0	92.1	5.748e+04	2.236e+04	18.78	-9.261e+04	-1.002e+04	1.746e+06
313	270	6.215e+05	-8479.41	-0.11	-552.50	0.0	3.865e+04	1.118e+04	24.08	-5.439e+04	-1.494e+04	-6.186e+04
		-6.186e+04	-1.494e+04	2.03e-04	92.27	92.1	3.865e+04	1.063e+04	116.35	-5.439e+04	-8479.41	6.215e+05
313	287	4.334e+05	-6010.05	-0.07	-552.50	0.0	2.279e+04	7051.76	42.30	-1.481e+04	-9905.10	1.367e+04
		1.367e+04	-9905.10	-2.09e-04	0.0	92.1	2.279e+04	6499.26	42.30	-1.481e+04	-6010.05	4.334e+05
313	309	4.418e+05	-5666.75	-0.07	-552.50	0.0	2.264e+04	7083.55	41.92	-1.532e+04	-9527.25	2.205e+04
		2.205e+04	-9527.25	-3.41e-04	0.0	92.1	2.264e+04	6531.05	41.92	-1.532e+04	-5666.75	4.418e+05
313	311	4.889e+05	-6541.02	-0.08	-552.50	0.0	2.971e+04	8716.91	60.85	-2.924e+04	-1.214e+04	-3.676e+04
		-3.676e+04	-1.214e+04	-3.77e-04	0.0	92.1	2.971e+04	8164.41	60.85	-2.924e+04	-6541.02	4.889e+05
313	319	3.673e+05	-5138.29	-0.07	-552.50	0.0	2.505e+04	7095.45	62.90	-1.168e+04	-1.093e+04	-6.201e+04
		-6.201e+04	-1.093e+04	-5.38e-04	0.0	92.1	2.505e+04	6542.95	62.90	-1.168e+04	-5138.29	3.673e+05
313	321	1.425e+06	-8671.88	-0.21	-552.50	0.0	4.858e+04	1.896e+04	24.69	-7.309e+04	-1.095e+04	3.016e+05
		3.016e+05	-1.095e+04	-4.31e-04	0.0	92.1	4.858e+04	1.841e+04	24.69	-7.309e+04	-8671.88	1.425e+06
313	324	4.418e+05	-5666.75	-0.07	-552.50	0.0	2.264e+04	7083.55	41.92	-1.532e+04	-9527.25	2.205e+04
		2.205e+04	-9527.25	-3.41e-04	0.0	92.1	2.264e+04	6531.05	41.92	-1.532e+04	-5666.75	4.418e+05
313	333	5.409e+05	-5573.86	-0.08	-552.50	0.0	2.001e+04	7948.01	18.33	-1.150e+04	-6795.10	5.966e+04
		5.966e+04	-6795.10	-1.90e-03	0.0	92.1	2.001e+04	7395.51	18.33	-1.150e+04	-5573.86	5.409e+05
313	335	3.835e+05	-4765.23	-0.06	-552.50	0.0	2.788e+04	6695.73	51.76	-5713.85	-1.030e+04	-3.388e+04
		-3.388e+04	-1.030e+04	-1.78e-03	0.0	92.1	2.788e+04	6143.23	51.76	-5713.85	-4765.23	3.835e+05
313	343	4.862e+05	-3884.99	-0.06	-552.50	0.0	2.815e+04	7692.08	24.13	7917.18	-6806.33	-2.245e+04
		-2.245e+04	-6806.33	-5.31e-03	0.0	92.1	2.815e+04	7139.58	24.13	7917.18	-3884.99	4.862e+05
313	344	3.502e+05	-7199.70	-0.08	-552.50	0.0	1.946e+04	6103.31	69.99	-3.682e+04	-1.334e+04	3.861e+04
		3.861e+04	-1.334e+04	4.67e-03	0.0	92.1	1.946e+04	5550.81	69.99	-3.682e+04	-7199.70	3.502e+05
313	346	3.974e+05	-7445.40	-0.08	-552.50	0.0	1.711e+04	6477.01	59.84	-3.855e+04	-1.227e+04	6.661e+04
		6.661e+04	-1.227e+04	4.63e-03	0.0	92.1	1.711e+04	5924.51	59.84	-3.855e+04	-7445.40	3.974e+05
313	347	4.862e+05	-3888.10	-0.06	-552.50	0.0	2.817e+04	7690.10	24.01	7919.08	-3888.10	4.862e+05
		-2.252e+04	-6783.32	-5.31e-03	0.0	92.1	2.817e+04	7137.60	24.01	7919.08	-3888.10	4.862e+05
313	364	3.963e+05	-5696.29	-0.07	-552.50	0.0	2.466e+04	6747.47	52.14	-1.446e+04	-1.066e+04	-4931.68
		-4931.68	-1.066e+04	-1.60e-04	0.0	92.1	2.466e+04	6194.97	52.14	-1.446e+04	-5696.29	3.963e+05
313	365	4.892e+05	-5790.77	-0.08	-552.50	0.0	2.038e+04	7453.21	32.10	-1.624e+04	-8459.65	4.892e+05
		4.896e+04	-8459.65	-6.66e-04	0.0	92.1	2.038e+04	6900.71	32.10	-1.624e+04	-5790.77	4.892e+05
313	368	3.945e+05	-5542.72	-0.07	-552.50	0.0	2.490e+04	6713.90	51.74	-1.439e+04	-1.059e+04	-4862.62
		-4862.62	-1.059e+04	1.50e-04	0.0	92.1	2.490e+04	6161.40	51.74	-1.439e+04	-5542.72	3.945e+05
313	372	3.962e+05	-5701.33	-0.07	-552.50	0.0	2.469e+04	6744.22	51.93	-1.446e+04	-1.062e+04	-5035.60
		-5035.60	-1.062e+04	-1.60e-04	0.0	92.1	2.469e+04	6191.72	51.93	-1.446e+04	-5701.33	3.962e+05
313	383	4.465e+05	-4797.53	-0.07	-552.50	0.0	2.302e+04	7056.54	39.05	-1.278e+04	-9092.44	2.606e+04
		2.606e+04	-9092.44	-8.32e-04	0.0	92.1	2.302e+04	6504.04	39.05	-1.278e+04	-4797.53	4.465e+05
314	74	5.608e+05	1.563e+04	-0.11	-552.50	0.0	4.040e+04	1.116e+04	-163.81	-4.866e+04	1.563e+04	-8.252e+05
		-8.252e+04	1.563e+04	5.34e-04	0.0	92.1	4.040e+04	1.061e+04	-163.81	-4.866e+04	550.51	5.982e+05
314	89	2.505e+06	1.460e+04	-0.36	-745.88	0.0	8.746e+04	3.294e+04	-182.36	-1.313e+05	1.460e+04	5.364e+05
		5.364e+05	-2194.62	1.72e-03	0.0	92.1	8.746e+04	3.219e+04	-182.36	-1.313e+05	-2194.62	2.505e+06
314	97	1.609e+06	1.816e+04	-0.32	-745.88	0.0	6.755e+04	2.308e+04	-221.86	-1.305e+05	1.816e+04	2.257e+05
		2.257e+05	-2271.05	1.59e-03	0.0	92.1	6.755e+04	2.233e+04	-221.86	-1.305e+05	-2271.05	1.609e+06
314	98	1.450e+06	1.641e+04	-0.29	-552.50	0.0	5.929e+04	2.051e+04	-204.08	-1.286e+05	1.641e+04	2.197e+05
		2.197e+05	-2380.11	1.57e-03	0.0	92.1	5.929e+04	1.996e+04	-204.08	-1.286e+05	-2380.11	1.450e+06
314	206	4.145e+05	4443.06	-0.07	-552.50	0.0	2.138e+04	6635.48	-39.40	-73.70	4443.06	2.164e+04
		2.164e+04	814.72	7.06e-05	0.0	92.1	2.138e+04	6082.98	-39.40	-73.70	814.72	4.145e+05
314	243	3.326e+05	7999.38	-0.06	-552.50	0.0	2.466e+04	6814.17	-74.22	3122.42	7999.38	-7.872e+04
		-7.872e+04	1164.59	7.31e-05	0.0	92.1	2.466e+04	6261.67	-74.22	3122.42	1164.59	3.326e+05
314	251	1.627e+06	5937.81	-0.23	-552.50	0.0	5.340e+04	2.104e+04	-74.80	-5.671e+04	5937.81	3.753e+05
		3.753e+05	-949.63	9.38e-04	0.0	92.1	5.340e+04	2.049e+04	-74.80	-5.671e+04	-949.63	1.627e+06
314	255	9.634e+05	8575.32	-0.20	-552.50	0.0	3.865e+04	1.374e+04	-104.05	-5.611e+04	8575.32	1.452e+05
		1.452e+05	-1006.24	8.41e-04	0.0	92.1	3.865e+04	1.319e+04	-104.05	-5.611e+04	-1006.24	9.634e+05
314	270	5.681e+05	1.108e+04	-0.10	-552.50	0.0	3.571e+04	1.015e+04	-126.68	-4.057e+04	1.108e+04	-4.693e+04
		-4.693e+04	-581.77	5.68e-04	0.0	92.1	3.571e+04	9598.79	-126.68	-4.057e+04	-581.77	5.681e+05
314	287	4.166e+05	4744.94	-0.07	-552.50	0.0	2.204e+04	6785.47	-48.02	-706.20	4744.94	1.376e+04
		1.376e+04	322.78	2.08e-04	0.0	92.1	2.204e+04	6232.97	-48.02	-706.20	322.78	4.166e+05

314	309	4.235e+05	4570.72	-0.07	-552.50	0.0	2.190e+04	6798.78	-42.06	-1269.57	4570.72	2.054e+04
		2.054e+04	697.32	6.73e-05	0.0	92.1	2.190e+04	6246.28	-42.06	-1269.57	697.32	4.235e+05
314	311	4.573e+05	7311.21	-0.08	-552.50	0.0	2.816e+04	8143.64	-76.82	-1.584e+04	7311.21	3.242e+04
		-3.242e+04	236.98	1.35e-04	0.0	92.1	2.816e+04	7591.14	-76.82	-1.584e+04	236.98	4.573e+05
314	319	3.601e+05	6816.23	-0.07	-552.50	0.0	2.383e+04	6810.43	-59.46	2271.76	6816.23	-4.858e+04
		-4.858e+04	1340.99	-1.28e-04	0.0	92.1	2.383e+04	6257.93	-59.46	2271.76	1340.99	3.601e+05
314	321	1.331e+06	5270.05	-0.19	-552.50	0.0	4.538e+04	1.748e+04	-59.89	-4.260e+04	5270.05	2.920e+05
		2.920e+05	-244.66	5.57e-04	0.0	92.1	4.538e+04	1.693e+04	-59.89	-4.260e+04	-244.66	1.331e+06
314	322	8.332e+05	7248.18	-0.17	-552.50	0.0	3.432e+04	1.200e+04	-81.83	-4.216e+04	7248.18	1.193e+05
		1.193e+05	-287.13	4.85e-04	0.0	92.1	3.432e+04	1.145e+04	-81.83	-4.216e+04	-287.13	8.332e+05
314	324	4.235e+05	4570.72	-0.07	-552.50	0.0	2.190e+04	6798.78	-42.06	-1269.57	4570.72	2.054e+04
		2.054e+04	697.32	6.73e-05	0.0	92.1	2.190e+04	6246.28	-42.06	-1269.57	697.32	4.235e+05
314	326	5.037e+05	5138.86	-0.08	-552.50	0.0	1.759e+04	6272.09	-45.63	-8267.95	5138.86	6.284e+04
		6.284e+04	184.98	1.48e-03	0.0	92.1	1.759e+04	5719.59	-45.63	-8267.95	184.98	5.037e+05
314	328	3.555e+05	5780.53	-0.06	-552.50	0.0	2.535e+04	7405.35	-65.66	-7685.47	5780.53	-2.940e+04
		-2.940e+04	-1053.03	1.71e-03	0.0	92.1	2.535e+04	6852.85	-65.66	-7685.47	-1053.03	3.555e+05
314	334	5.037e+05	5101.47	-0.08	-552.50	0.0	1.758e+04	6271.74	-45.50	-8231.47	5101.47	6.268e+04
		6.268e+04	170.26	1.19e-03	0.0	92.1	1.758e+04	5719.24	-45.50	-8231.47	170.26	5.037e+05
314	335	3.433e+05	4039.97	-0.06	-552.50	0.0	2.621e+04	7325.82	-38.63	5692.33	4039.97	-2.160e+04
		-2.160e+04	1224.38	-1.06e-03	0.0	92.1	2.621e+04	6773.32	-38.63	5692.33	1224.38	3.433e+05
314	344	4.215e+05	7630.22	-0.07	-552.50	0.0	2.164e+04	7101.90	-90.35	-2.354e+04	7630.22	-6032.37
		-6032.37	-3259.52	5.20e-03	0.0	92.1	2.164e+04	6549.40	-90.35	-2.354e+04	-3259.52	4.215e+05
314	348	4.215e+05	7641.44	-0.07	-552.50	0.0	2.164e+04	7102.00	-90.39	-2.355e+04	7641.44	-5984.22
		-5984.22	-3255.11	5.28e-03	0.0	92.1	2.164e+04	6549.50	-90.39	-2.355e+04	-3255.11	4.215e+05
314	357	4.631e+05	4207.99	-0.08	-552.50	0.0	1.986e+04	6506.67	-32.97	-983.69	4207.99	4.528e+04
		4.528e+04	1254.68	-2.96e-04	0.0	92.1	1.986e+04	5954.17	-32.97	-983.69	1254.68	4.631e+05
314	364	3.840e+05	4939.54	-0.07	-552.50	0.0	2.387e+04	7088.59	-49.98	-1599.95	4939.54	-4202.99
		-4202.99	192.37	2.86e-04	0.0	92.1	2.387e+04	6536.09	-49.98	-1599.95	192.37	3.840e+05
314	365	4.631e+05	4189.39	-0.08	-552.50	0.0	1.985e+04	6506.50	-32.91	-966.03	4189.39	4.520e+04
		4.520e+04	1247.30	-4.39e-04	0.0	92.1	1.985e+04	5954.00	-32.91	-966.03	1247.30	4.631e+05
314	368	3.839e+05	4952.05	-0.07	-552.50	0.0	2.394e+04	7091.06	-51.22	-1573.10	4952.05	-4123.30
		-4123.30	147.34	5.73e-04	0.0	92.1	2.394e+04	6538.56	-51.22	-1573.10	147.34	3.839e+05
314	376	4.073e+05	5291.48	-0.07	-552.50	0.0	2.275e+04	6897.03	-57.07	-2664.32	5291.48	9154.04
		9154.04	-215.11	1.11e-03	0.0	92.1	2.275e+04	6344.53	-57.07	-2664.32	-215.11	4.073e+05
314	388	4.076e+05	5317.35	-0.07	-552.50	0.0	2.254e+04	6889.43	-53.18	-2817.94	5317.35	9177.40
		9177.40	-38.16	6.66e-04	0.0	92.1	2.254e+04	6336.93	-53.18	-2817.94	-38.16	4.076e+05
315	89	2.263e+06	1047.36	-0.33	-745.88	0.0	7.844e+04	2.951e+04	-176.66	-1.701e+05	1047.36	4.959e+05
		4.959e+05	-1.522e+04	2.25e-03	0.0	92.1	7.844e+04	2.876e+04	-176.66	-1.701e+05	-1.522e+04	2.263e+06
315	90	2.105e+06	2793.92	-0.30	-552.50	0.0	7.018e+04	2.694e+04	-194.45	-1.719e+05	2793.92	4.900e+05
		4.900e+05	-1.511e+04	2.27e-03	0.0	92.1	7.018e+04	2.639e+04	-194.45	-1.719e+05	-1.511e+04	2.105e+06
315	106	5.135e+05	-4565.10	-0.09	-552.50	0.0	3.561e+04	9851.28	19.14	-6.077e+04	-4565.10	5.135e+05
		-8.836e+04	-6327.42	1.50e-04	0.0	92.1	3.561e+04	9298.78	19.14	-6.077e+04	-6327.42	8.836e+04
315	206	4.145e+05	-814.72	-0.07	-552.50	0.0	2.138e+04	6635.48	39.40	73.69	-814.72	2.164e+04
		2.164e+04	-4443.07	-7.06e-05	0.0	92.1	2.138e+04	6082.98	39.40	73.69	-4443.07	4.145e+05
315	243	3.469e+05	504.50	-0.06	-552.50	0.0	2.413e+04	6795.49	52.86	4015.80	504.50	-4363.37
		-6.082e+04	-4363.37	-2.91e-04	0.0	92.1	2.413e+04	6242.99	52.86	4015.80	-4363.37	3.469e+05
315	251	1.519e+06	395.68	-0.22	-552.50	0.0	4.995e+04	1.945e+04	-95.40	-8.002e+04	395.68	3.597e+05
		3.597e+05	-8389.30	1.41e-03	0.0	92.1	4.995e+04	1.890e+04	-95.40	-8.002e+04	-8389.30	1.519e+06
315	259	3.405e+05	-577.26	-0.06	-552.50	0.0	2.434e+04	6795.55	62.81	2278.36	-577.26	6.870e+04
		-6.870e+04	-6360.87	-2.11e-04	0.0	92.1	2.434e+04	6243.05	62.81	2278.36	-6360.87	3.405e+05
315	268	4.175e+05	-1056.62	-0.07	-552.50	0.0	2.202e+04	6786.38	33.11	-69.76	-1056.62	4.175e+05
		1.532e+04	-4105.71	2.11e-04	0.0	92.1	2.202e+04	6233.88	33.11	-69.76	-4105.71	1.532e+04
315	310	4.240e+05	-1064.24	-0.07	-552.50	0.0	2.188e+04	6799.23	34.61	881.58	-1064.24	2.132e+04
		2.132e+04	-4251.10	1.44e-04	0.0	92.1	2.188e+04	6246.73	34.61	881.58	-4251.10	4.240e+05
315	319	3.701e+05	461.19	-0.07	-552.50	0.0	2.345e+04	6795.74	54.62	3663.86	461.19	-4568.65
		-3.631e+04	-4568.65	-3.86e-04	0.0	92.1	2.345e+04	6243.24	54.62	3663.86	-4568.65	3.701e+05
315	321	1.249e+06	-999.36	-0.18	-552.50	0.0	4.281e+04	1.629e+04	-56.58	-5.936e+04	-999.36	2.791e+05
		2.791e+05	-6209.16	8.91e-04	0.0	92.1	4.281e+04	1.574e+04	-56.58	-5.936e+04	-6209.16	1.249e+06
315	323	3.653e+05	-350.13	-0.07	-552.50	0.0	2.361e+04	6795.79	62.08	2360.78	-350.13	3.653e+05
		-4.222e+04	-6066.78	-3.26e-04	0.0	92.1	2.361e+04	6243.29	62.08	2360.78	-6066.78	4.222e+04
315	324	4.235e+05	-697.32	-0.07	-552.50	0.0	2.190e+04	6798.78	42.06	1269.55	-697.32	4.235e+05
		2.054e+04	-4570.72	-6.73e-05	0.0	92.1	2.190e+04	6246.28	42.06	1269.55	-4570.72	2.054e+04
315	325	4.895e+05	37.64	-0.08	-552.50	0.0	1.752e+04	6282.35	46.07	8083.75	37.64	4.895e+05
		6.179e+04	-3338.97	-1.18e-03	0.0	92.1	1.752e+04	5729.85	46.07	8083.75	-3338.97	6.179e+04
315	328	3.575e+05	-1432.29	-0.06	-552.50	0.0	2.627e+04	7315.21	38.06	-5544.64	-1432.29	3.575e+05
		-2.071e+04	-5802.48	1.04e-03	0.0	92.1	2.627e+04	6762.71	38.06	-5544.64	-5802.48	2.071e+04
315	334	5.057e+05	-2655.57	-0.08	-552.50	0.0	1.850e+04	6181.60	17.89	-4998.65	-2655.57	5.057e+05
		7.138e+04	-5123.42	1.56e-03	0.0	92.1	1.850e+04	5629.10	17.89	-4998.65	-5123.42	7.138e+04
315	335	3.413e+05	1260.92	-0.06	-552.50	0.0	2.529e+04	7415.96	66.23	7537.76	1260.92	-3.030e+04
		-3.030e+04	-4018.02	-1.69e-03	0.0	92.1	2.529e+04	6863.46	66.23	7537.76	-4018.02	3.413e+05
315	344	4.282e+05	-4980.19	-0.07	-552.50	0.0	2.468e+04	6800.36	-2.07	-2.067e+04	-4980.19	2.248e+05
		2.248e+04	-7589.96	4.85e-03	0.0	92.1	2.468e+04	6247.86	-2.07	-2.067e+04	-7589.96	4.282e+05
315	347	3.744e+05	3952.53	-0.07	-552.50	0.0	2.144e+04	7137.29	92.25	2.305e+04	3952.53	-9023.19
		-9023.19	-1755.21	-5.14e-03	0.0	92.1	2.144e+04	6584.79	92.25	2.305e+04	-1755.21	3.744e+05
315	358	4.631e+05	-1247.30	-0.08	-552.50	0.0	1.985e+04	6506.50	32.91	966.02	-1247.30	4.631e+05
		4.520e+04	-4189.39	4.39e-04	0.0	92.1	1.985e+04	5954.00	32.91	966.02	-4189.39	4.520e+04
315	359	3.839e+05	-147.35	-0.07	-552.50	0.0	2.394e+04	7091.06	51.22	1573.09	-147.35	-4952.05
												-4123.33

		-4123.33	-4952.05	-5.73e-04	0.0	92.1	2.394e+04	6538.56	51.22	1573.09	-147.35	3.839e+05
315	366	4.631e+05	-1254.69	-0.08	-552.50	0.0	1.986e+04	6506.67	32.97	983.67	-4207.99	4.528e+04
		4.528e+04	-4207.99	2.96e-04	0.0	92.1	1.986e+04	5954.17	32.97	983.67	-1254.69	4.631e+05
315	371	3.840e+05	-192.38	-0.07	-552.50	0.0	2.387e+04	7088.59	49.98	1599.93	-4939.54	-4203.01
		-4203.01	-4939.54	-2.86e-04	0.0	92.1	2.387e+04	6536.09	49.98	1599.93	-192.38	3.840e+05
315	379	4.073e+05	215.10	-0.07	-552.50	0.0	2.275e+04	6897.03	57.07	2664.30	-5291.48	9154.02
		9154.02	-5291.48	-1.11e-03	0.0	92.1	2.275e+04	6344.53	57.07	2664.30	215.10	4.073e+05
315	383	4.076e+05	38.15	-0.07	-552.50	0.0	2.254e+04	6889.43	53.18	2817.91	-5317.35	9177.39
		9177.39	-5317.35	-6.66e-04	0.0	92.1	2.254e+04	6336.93	53.18	2817.91	38.15	4.076e+05
316	89	2.090e+06	2.382e+04	-0.30	-745.88	0.0	7.148e+04	2.745e+04	-198.19	-9.980e+04	2.382e+04	4.762e+05
		4.762e+05	5570.36	3.64e-03	0.0	92.1	7.148e+04	2.670e+04	-198.19	-9.980e+04	5570.36	2.090e+06
316	90	1.917e+06	1.957e+04	-0.28	-552.50	0.0	6.263e+04	2.471e+04	-187.06	-1.094e+05	1.957e+04	4.660e+05
		4.660e+05	2346.77	3.50e-03	0.0	92.1	6.263e+04	2.416e+04	-187.06	-1.094e+05	2346.77	1.917e+06
316	97	1.404e+06	2.410e+04	-0.27	-745.88	0.0	5.667e+04	1.995e+04	-173.82	-9.152e+04	2.410e+04	2.250e+05
		2.250e+05	8094.58	2.70e-03	0.0	92.1	5.667e+04	1.920e+04	-173.82	-9.152e+04	8094.58	1.404e+06
316	106	4.519e+05	1.622e+04	-0.08	-552.50	0.0	3.221e+04	8991.94	-125.49	-4.126e+04	1.622e+04	-9.316e+04
		-9.316e+04	4660.22	6.19e-04	0.0	92.1	3.221e+04	8439.44	-125.49	-4.126e+04	4660.22	4.519e+05
316	206	4.257e+05	8731.76	-0.07	-552.50	0.0	2.184e+04	6857.18	-45.00	1.159e+04	8731.76	1.993e+04
		1.993e+04	4588.29	3.19e-04	0.0	92.1	2.184e+04	6304.68	-45.00	1.159e+04	4588.29	4.257e+05
316	251	1.443e+06	1.374e+04	-0.21	-552.50	0.0	4.747e+04	1.869e+04	-105.54	-3.481e+04	1.374e+04	3.471e+05
		3.471e+05	4020.94	2.36e-03	0.0	92.1	4.747e+04	1.813e+04	-105.54	-3.481e+04	4020.94	1.443e+06
316	259	3.579e+05	1.125e+04	-0.06	-552.50	0.0	2.493e+04	7043.71	-59.93	1.570e+04	1.125e+04	-6.709e+04
		-6.709e+04	5734.61	2.23e-04	0.0	92.1	2.493e+04	6491.21	-59.93	1.570e+04	5734.61	3.579e+05
316	268	4.364e+05	9541.25	-0.07	-552.50	0.0	2.264e+04	7067.11	-45.38	1.410e+04	9541.25	1.993e+05
		1.993e+05	5362.88	5.99e-04	0.0	92.1	2.264e+04	6514.61	-45.38	1.410e+04	5362.88	4.364e+05
316	289	4.641e+05	1.545e+04	-0.08	-552.50	0.0	3.040e+04	8692.70	-53.78	-2.265e+04	1.545e+04	-6.058e+04
		-6.058e+04	6252.50	5.57e-04	-92.27	92.1	3.040e+04	8140.20	-146.05	-2.265e+04	6252.50	4.641e+05
316	310	4.433e+05	9345.29	-0.07	-552.50	0.0	2.257e+04	7091.23	-43.46	1.496e+04	9345.29	2.518e+04
		2.518e+04	5343.17	5.36e-04	0.0	92.1	2.257e+04	6538.73	-43.46	1.496e+04	5343.17	4.433e+05
316	321	1.196e+06	1.271e+04	-0.17	-552.50	0.0	4.118e+04	1.578e+04	-87.45	-2.194e+04	1.271e+04	2.685e+05
		2.685e+05	4659.41	1.71e-03	0.0	92.1	4.118e+04	1.523e+04	-87.45	-2.194e+04	4659.41	1.196e+06
316	322	8.150e+05	1.287e+04	-0.16	-552.50	0.0	3.295e+04	1.162e+04	-73.91	-1.734e+04	1.287e+04	1.289e+05
		1.289e+05	6061.75	1.19e-03	0.0	92.1	3.295e+04	1.106e+04	-73.91	-1.734e+04	6061.75	8.150e+05
316	323	3.823e+05	1.085e+04	-0.07	-552.50	0.0	2.428e+04	7049.00	-53.25	1.594e+04	1.085e+04	-4.220e+04
		-4.220e+04	5944.66	-1.16e-04	0.0	92.1	2.428e+04	6496.50	-53.25	1.594e+04	5944.66	3.823e+05
316	324	4.418e+05	9527.18	-0.07	-552.50	0.0	2.264e+04	7083.55	-41.92	1.532e+04	9527.18	2.205e+04
		2.205e+04	5666.75	3.41e-04	0.0	92.1	2.264e+04	6531.05	-41.92	1.532e+04	5666.75	4.418e+05
316	326	5.410e+05	6779.51	-0.08	-552.50	0.0	1.996e+04	7931.83	-17.53	1.177e+04	6779.51	5.829e+04
		5.829e+04	5272.52	1.86e-03	0.0	92.1	1.996e+04	7379.33	-17.53	1.177e+04	5272.52	5.410e+05
316	328	3.835e+05	1.028e+04	-0.06	-552.50	0.0	2.782e+04	6679.56	-50.96	5983.66	1.028e+04	-3.525e+04
		-3.525e+04	4463.89	1.74e-03	0.0	92.1	2.782e+04	6127.06	-50.96	5983.66	4463.89	3.835e+05
316	341	3.973e+05	1.232e+04	-0.08	-552.50	0.0	1.729e+04	6530.93	-62.51	3.765e+04	1.232e+04	7.118e+04
		7.118e+04	8449.86	-4.49e-03	0.0	92.1	1.729e+04	5978.43	-62.51	3.765e+04	8449.86	3.973e+05
316	344	4.863e+05	6731.47	-0.06	-552.50	0.0	2.799e+04	7636.18	-21.34	-7019.70	6731.47	-2.709e+04
		-2.709e+04	2883.64	5.18e-03	0.0	92.1	2.799e+04	7083.68	-21.34	-7019.70	2883.64	4.863e+05
316	347	3.501e+05	1.340e+04	-0.08	-552.50	0.0	1.963e+04	6157.23	-72.66	3.592e+04	1.340e+04	4.318e+04
		4.318e+04	8204.15	-4.53e-03	0.0	92.1	1.963e+04	5604.73	-72.66	3.592e+04	8204.15	3.501e+05
316	348	4.863e+05	6754.49	-0.06	-552.50	0.0	2.797e+04	7638.16	-21.46	-7017.79	6754.49	-2.702e+04
		-2.702e+04	2880.53	5.18e-03	0.0	92.1	2.797e+04	7085.66	-21.46	-7017.79	2880.53	4.863e+05
316	358	4.892e+05	8459.59	-0.08	-552.50	0.0	2.038e+04	7453.21	-32.10	1.624e+04	8459.59	4.896e+04
		4.896e+04	5790.77	6.66e-04	0.0	92.1	2.038e+04	6900.71	-32.10	1.624e+04	5790.77	4.892e+05
316	359	3.945e+05	1.059e+04	-0.07	-552.50	0.0	2.490e+04	6713.90	-51.74	1.439e+04	1.059e+04	-4862.60
		-4862.60	5542.72	-1.50e-04	0.0	92.1	2.490e+04	6161.40	-51.74	1.439e+04	5542.72	3.945e+05
316	363	3.962e+05	1.066e+04	-0.07	-552.50	0.0	2.469e+04	6744.22	-51.93	1.446e+04	1.066e+04	-5035.57
		-5035.57	5701.33	1.60e-04	0.0	92.1	2.469e+04	6191.72	-51.93	1.446e+04	5701.33	3.962e+05
316	371	3.963e+05	1.066e+04	-0.07	-552.50	0.0	2.466e+04	6747.47	-52.14	1.446e+04	1.066e+04	-4931.65
		-4931.65	5696.29	1.60e-04	0.0	92.1	2.466e+04	6194.97	-52.14	1.446e+04	5696.29	3.963e+05
316	388	4.465e+05	9092.37	-0.07	-552.50	0.0	2.302e+04	7056.54	-39.05	1.278e+04	9092.37	2.606e+04
		2.606e+04	4797.53	8.32e-04	0.0	92.1	2.302e+04	6504.04	-39.05	1.278e+04	4797.53	4.465e+05
317	105	4.965e+06	-1.859e+04	-0.03	-826.88	0.0	2.451e+05	-8296.62	107.78	-4141.16	-2.959e+04	4.965e+06
		-1.859e+04	6.76e-04	0.0	102.1	2.451e+05	-9123.49	107.78	-4141.16	-1.859e+04	4.965e+06	4.356e+06
317	184	8.484e+05	-4110.25	-0.01	-612.50	0.0	5.110e+04	1069.46	-4.74	-6542.91	-4110.25	7.992e+05
		7.992e+05	-4594.20	-7.88e-05	0.0	102.1	5.110e+04	456.96	-4.74	-6542.91	-4594.20	8.484e+05
317	206	8.810e+05	-3387.60	-0.01	-612.50	0.0	5.060e+04	1068.97	-4.33	-6579.87	-3387.60	8.319e+05
		8.319e+05	-3829.77	7.06e-05	0.0	102.1	5.060e+04	456.47	-4.33	-6579.87	-3829.77	8.810e+05
317	255	8.113e+05	-4263.77	-0.01	-612.50	0.0	5.524e+04	1100.53	-9.05	-8867.85	-4263.77	7.578e+05
		7.578e+05	-5187.44	1.30e-04	0.0	102.1	5.524e+04	488.03	-9.05	-8867.85	-5187.44	8.113e+05
317	259	3.158e+06	-1.027e+04	-0.01	-612.50	0.0	1.502e+05	-6584.70	78.06	2213.10	-1.824e+04	3.158e+06
		-1.027e+04	3.90e-04	0.0	102.1	1.502e+05	-7197.20	78.06	2213.10	-1.027e+04	3.158e+06	2.679e+06
317	270	3.372e+06	-1.272e+04	-0.07	-612.50	0.0	1.580e+05	9446.67	-63.44	-4.161e+04	-1.272e+04	2.785e+06
		-1.272e+04	-3.63e-04	102.29	102.29	102.1	1.580e+05	8834.17	38.85	-4.161e+04	-1.398e+04	3.372e+06
317	287	8.975e+05	-4675.18	-0.01	-612.50	0.0	5.237e+04	1110.68	-7.51	-8097.84	-4675.18	8.455e+05
		8.455e+05	-5441.53	1.02e-04	0.0	102.1	5.237e+04	498.18	-7.51	-8097.84	-5441.53	8.975e+05
317	310	9.140e+05	-4809.65	-0.01	-612.50	0.0	5.220e+04	1110.57	-7.28	-8153.48	-4809.65	8.620e+05
		8.620e+05	-5552.42	9.72e-05	0.0	102.1	5.220e+04	498.07	-7.28	-8153.48	-5552.42	9.140e+05
317	322	8.438e+05	-3842.23	-0.01	-612.50	0.0	5.437e+04	1102.77	-8.49	-8676.35	-3842.23	7.907e+05
		7.907e+05	-4708.93	1.30e-04	0.0	102.1	5.437e+04	490.27	-8.49	-8676.35	-4708.93	8.438e+05

317	323	2.591e+06	-8519.57	-0.01	-612.50	0.0	1.256e+05	-4661.15	56.84	-365.64	-1.432e+04	2.591e+06
		2.244e+06	-1.432e+04	3.24e-04	0.0	102.1	1.256e+05	-5273.65	56.84	-365.64	-8519.57	2.244e+06
317	324	9.115e+05	-4255.38	-0.01	-612.50	0.0	5.233e+04	1110.31	-7.20	-8132.39	-4255.38	8.595e+05
		8.595e+05	-4989.96	1.04e-04	0.0	102.1	5.233e+04	497.81	-7.20	-8132.39	-4989.96	9.115e+05
317	334	1.234e+06	-2971.85	-0.02	-612.50	0.0	3.453e+04	949.77	-15.45	-1.227e+04	-2971.85	1.166e+06
		1.166e+06	-7461.01	-1.37e-04	0.0	102.1	3.453e+04	337.27	-15.45	-1.227e+04	-7461.01	1.234e+06
317	335	5.889e+05	-2518.91	-8.32e-03	-612.50	0.0	7.013e+04	1270.84	1.06	-3999.52	-5538.91	5.529e+05
		5.529e+05	-5538.91	1.56e-04	0.0	102.1	7.013e+04	658.34	1.06	-3999.52	-2518.91	5.889e+05
317	341	9.719e+05	553.55	-0.01	-612.50	0.0	5.158e+04	1046.23	-17.38	-4404.41	553.55	9.129e+05
		9.129e+05	-2063.22	3.24e-04	0.0	102.1	5.158e+04	433.73	-17.38	-4404.41	-2063.22	9.719e+05
317	344	8.511e+05	-7916.69	-0.01	-612.50	0.0	5.307e+04	1174.39	2.99	-1.186e+04	-9064.30	8.061e+05
		8.061e+05	-9064.30	-3.51e-04	0.0	102.1	5.307e+04	561.89	2.99	-1.186e+04	-7916.69	8.511e+05
317	366	1.076e+06	-3402.84	-0.01	-612.50	0.0	4.353e+04	1019.64	-11.92	-9575.26	-3402.84	1.015e+06
		1.015e+06	-6127.90	-8.47e-05	0.0	102.1	4.353e+04	407.14	-11.92	-9575.26	-6127.90	1.076e+06
317	367	7.475e+05	-3852.01	-0.01	-612.50	0.0	6.112e+04	1200.98	-2.47	-6689.52	-5107.92	7.039e+05
		7.039e+05	-5107.92	1.38e-04	0.0	102.1	6.112e+04	588.48	-2.47	-6689.52	-3852.01	7.475e+05
317	374	9.705e+05	-5273.83	-0.01	-612.50	0.0	4.856e+04	1169.68	-6.91	-8639.03	-5273.83	9.162e+05
		9.162e+05	-6526.04	-2.18e-04	0.0	102.1	4.856e+04	557.18	-6.91	-8639.03	-6526.04	9.705e+05
317	377	9.488e+05	-2473.44	-0.01	-612.50	0.0	5.107e+04	1049.87	-10.60	-8468.90	-2473.44	8.940e+05
		8.940e+05	-3903.14	1.99e-04	0.0	102.1	5.107e+04	437.37	-10.60	-8468.90	-3903.14	9.488e+05
318	105	4.583e+06	8031.30	-0.03	-826.88	0.0	2.244e+05	-7255.30	-157.52	-8798.86	8031.30	4.583e+06
		4.047e+06	-8048.79	-1.72e-04	0.0	102.1	2.244e+05	-8082.17	-157.52	-8798.86	-8048.79	4.047e+06
318	128	3.890e+06	-8195.50	-0.09	-612.50	0.0	1.752e+05	1.163e+04	26.95	-351.66	-1.095e+04	3.151e+06
		3.151e+06	-1.095e+04	3.30e-04	0.0	102.1	1.752e+05	1.102e+04	26.95	-351.66	-8195.50	3.890e+06
318	184	8.340e+05	731.03	-0.01	-612.50	0.0	5.050e+04	990.79	4.14	2215.68	731.03	7.900e+05
		7.900e+05	308.19	-6.64e-05	0.0	102.1	5.050e+04	378.29	4.14	2215.68	308.19	8.340e+05
318	206	8.665e+05	1529.22	-0.01	-612.50	0.0	4.967e+04	990.07	4.47	2193.30	1529.22	8.665e+05
		8.225e+05	1072.81	-4.04e-05	0.0	102.1	4.967e+04	377.57	4.47	2193.30	1072.81	8.225e+05
318	255	7.940e+05	1236.67	-0.01	-612.50	0.0	5.385e+04	991.25	2.44	1256.37	1236.67	7.940e+05
		7.497e+05	987.44	3.42e-05	0.0	102.1	5.385e+04	378.75	2.44	1256.37	987.44	7.497e+05
318	259	2.969e+06	8684.03	-0.01	-612.50	0.0	1.406e+05	-5841.16	-112.23	-2657.12	8684.03	2.969e+06
		2.540e+06	-2772.64	-2.33e-04	0.0	102.1	1.406e+05	-6453.66	-112.23	-2657.12	-2772.64	2.540e+06
318	270	3.129e+06	-5773.64	-0.07	-612.50	0.0	1.439e+05	8877.91	21.07	150.27	-7924.49	2.570e+06
		2.570e+06	-7924.49	2.44e-04	0.0	102.1	1.439e+05	8265.41	21.07	150.27	-5773.64	3.129e+06
318	287	8.753e+05	879.98	-0.01	-612.50	0.0	5.122e+04	994.98	4.26	2074.19	879.98	8.753e+05
		8.313e+05	444.60	-3.99e-05	0.0	102.1	5.122e+04	382.48	4.26	2074.19	444.60	8.313e+05
318	310	8.893e+05	736.73	-0.01	-612.50	0.0	5.097e+04	994.95	4.17	1997.11	736.73	8.893e+05
		8.453e+05	311.31	-5.21e-05	0.0	102.1	5.097e+04	382.45	4.17	1997.11	311.31	8.453e+05
318	311	2.418e+06	-2389.68	-0.05	-612.50	0.0	1.115e+05	6745.91	18.44	1971.38	-4272.52	1.998e+06
		1.998e+06	-4272.52	1.40e-04	0.0	102.1	1.115e+05	6133.41	18.44	1971.38	-2389.68	2.418e+06
318	322	8.262e+05	1726.31	-0.01	-612.50	0.0	5.288e+04	991.72	3.14	1474.77	1726.31	8.262e+05
		7.819e+05	1405.62	5.51e-05	0.0	102.1	5.288e+04	379.22	3.14	1474.77	1405.62	7.819e+05
318	323	2.446e+06	7178.06	-0.01	-612.50	0.0	1.179e+05	-4132.58	-82.86	-1460.35	7178.06	2.446e+06
		2.136e+06	-1280.67	-1.50e-04	0.0	102.1	1.179e+05	-4745.08	-82.86	-1460.35	-1280.67	2.136e+06
318	324	8.885e+05	1349.97	-0.01	-612.50	0.0	5.097e+04	994.49	4.42	2034.32	1349.97	8.885e+05
		8.445e+05	898.63	-3.19e-05	0.0	102.1	5.097e+04	381.99	4.42	2034.32	898.63	8.445e+05
318	333	1.185e+06	1373.80	-0.02	-612.50	0.0	3.459e+04	841.28	-2.84	1420.21	1373.80	1.129e+06
		1.129e+06	1121.17	9.78e-05	0.0	102.1	3.459e+04	228.78	-2.84	1420.21	1121.17	1.185e+06
318	334	1.192e+06	-988.33	-0.02	-612.50	0.0	3.541e+04	860.83	0.52	-851.17	-1056.85	1.136e+06
		1.136e+06	-1056.85	-1.12e-04	0.0	102.1	3.541e+04	248.33	0.52	-851.17	-988.33	1.192e+06
318	335	5.852e+05	3688.27	-8.05e-03	-612.50	0.0	6.654e+04	1128.15	8.32	4919.82	3688.27	5.852e+05
		5.527e+05	2854.11	9.40e-05	0.0	102.1	6.654e+04	515.65	8.32	4919.82	2854.11	5.527e+05
318	336	5.920e+05	1578.76	-7.94e-03	-612.50	0.0	6.735e+04	1147.71	11.68	2648.44	1578.76	5.920e+05
		5.598e+05	423.46	-1.16e-04	0.0	102.1	6.735e+04	535.21	11.68	2648.44	423.46	5.598e+05
318	346	9.899e+05	-2550.94	-0.01	-612.50	0.0	4.754e+04	984.05	8.35	-2276.25	-3374.49	9.899e+05
		9.429e+05	-3374.49	-3.59e-04	0.0	102.1	4.754e+04	371.55	8.35	-2276.25	-2550.94	9.429e+05
318	347	7.872e+05	5250.87	-0.01	-612.50	0.0	5.441e+04	1004.93	0.50	6344.90	5250.87	7.872e+05
		7.462e+05	5171.75	3.41e-04	0.0	102.1	5.441e+04	392.43	0.50	6344.90	5171.75	7.462e+05
318	365	1.042e+06	1123.99	-0.01	-612.50	0.0	4.276e+04	919.10	1.20	1213.35	1123.99	1.042e+06
		9.917e+05	983.11	5.19e-05	0.0	102.1	4.276e+04	306.60	1.20	1213.35	983.11	9.917e+05
318	366	1.044e+06	271.48	-0.01	-612.50	0.0	4.295e+04	924.68	1.98	1078.29	271.48	1.044e+06
		9.939e+05	63.01	-6.89e-05	0.0	102.1	4.295e+04	312.18	1.98	1078.29	63.01	9.939e+05
318	367	7.333e+05	2428.46	-9.86e-03	-612.50	0.0	5.899e+04	1064.30	6.87	2990.36	2428.46	7.333e+05
		6.952e+05	1734.25	5.05e-05	0.0	102.1	5.899e+04	451.80	6.87	2990.36	1734.25	6.952e+05
318	368	7.353e+05	1575.95	-9.86e-03	-612.50	0.0	5.919e+04	1069.88	7.64	2855.30	1575.95	7.353e+05
		6.973e+05	814.15	-7.58e-05	0.0	102.1	5.919e+04	457.38	7.64	2855.30	814.15	6.973e+05
318	378	9.382e+05	-266.56	-0.01	-612.50	0.0	4.886e+04	982.01	4.86	1542.67	-266.56	9.382e+05
		8.925e+05	-747.55	-2.10e-04	0.0	102.1	4.886e+04	369.51	4.86	1542.67	-747.55	8.925e+05
318	379	8.388e+05	2966.50	-0.01	-612.50	0.0	5.309e+04	1006.98	3.98	2525.97	2966.50	8.388e+05
		7.965e+05	2544.80	1.92e-04	0.0	102.1	5.309e+04	394.48	3.98	2525.97	2544.80	7.965e+05
319	105	4.135e+06	-2.358e+04	-0.02	-826.88	0.0	2.027e+05	-6009.32	146.82	4358.91	-3.856e+04	4.135e+06
		3.685e+06	-3.856e+04	7.08e-04	0.0	102.1	2.027e+05	-6836.20	146.82	4358.91	-2.358e+04	3.685e+06
319	146	8.316e+05	-2077.82	-0.01	-612.50	0.0	5.052e+04	989.41	-4.91	-2328.00	-2077.82	7.876e+05
		7.876e+05	-2578.79	-6.29e-05	0.0	102.1	5.052e+04	376.91	-4.91	-2328.00	-2578.79	8.316e+05
319	206	8.665e+05	-1072.81	-0.01	-612.50	0.0	4.967e+04	990.07	-4.47	-2193.30	-1072.81	8.225e+05
		8.225e+05	-1529.22	4.04e-05	0.0	102.1	4.967e+04	377.57	-4.47	-2193.30	-1529.22	8.665e+05
319	255	7.977e+05	-815.58	-0.01	-612.50	0.0	5.345e+04	995.12	-6.12	-2922.53	-815.58	7.544e+05

		7.544e+05	-1440.39	5.41e-05	0.0	102.1	5.345e+04	382.62	-6.12	-2922.53	-1440.39	7.977e+05
319	259	2.749e+06	-1.128e+04	-0.01	-612.50	0.0	1.310e+05	-4696.91	121.62	1.130e+04	-2.370e+04	2.749e+06
		2.399e+06	-2.370e+04	3.29e-04	0.0	102.1	1.310e+05	-5309.41	121.62	1.130e+04	-1.128e+04	2.399e+06
319	268	8.737e+05	-1619.24	-0.01	-612.50	0.0	5.124e+04	994.06	-4.77	-2148.62	-1619.24	8.297e+05
		8.297e+05	-2106.45	-4.93e-05	0.0	102.1	5.124e+04	381.56	-4.77	-2148.62	-2106.45	8.737e+05
319	289	2.842e+06	-8271.14	-0.06	-612.50	0.0	1.309e+05	7621.90	-87.10	-4.881e+04	-8271.14	2.363e+06
		2.363e+06	-1.716e+04	7.14e-04	0.0	102.1	1.309e+05	7009.40	-87.10	-4.881e+04	-1.716e+04	2.842e+06
319	309	8.885e+05	-898.63	-0.01	-612.50	0.0	5.097e+04	994.49	-4.42	-2034.32	-898.63	8.445e+05
		8.445e+05	-1349.97	3.19e-05	0.0	102.1	5.097e+04	381.99	-4.42	-2034.32	-1349.97	8.885e+05
319	322	8.301e+05	-395.75	-0.01	-612.50	0.0	5.256e+04	995.32	-5.52	-2668.56	-395.75	7.866e+05
		7.866e+05	-959.25	6.77e-05	0.0	102.1	5.256e+04	382.82	-5.52	-2668.56	-959.25	8.301e+05
319	323	2.925e+06	-8342.42	-0.01	-612.50	0.0	1.107e+05	-3273.71	90.28	8000.19	-1.756e+04	2.282e+06
		2.031e+06	-1.756e+04	2.58e-04	0.0	102.1	1.107e+05	-3886.21	90.28	8000.19	-8342.42	2.031e+06
319	324	8.885e+05	-898.63	-0.01	-612.50	0.0	5.097e+04	994.49	-4.42	-2034.32	-898.63	8.445e+05
		8.445e+05	-1349.97	3.19e-05	0.0	102.1	5.097e+04	381.99	-4.42	-2034.32	-1349.97	8.885e+05
319	325	1.192e+06	989.52	-0.02	-612.50	0.0	3.535e+04	856.96	-0.10	907.23	989.52	1.136e+06
		1.136e+06	968.21	1.13e-04	0.0	102.1	3.535e+04	244.46	-0.10	907.23	968.21	1.192e+06
319	326	1.185e+06	-1101.06	-0.02	-612.50	0.0	3.465e+04	845.14	2.42	-1476.27	-1306.47	1.129e+06
		1.129e+06	-1306.47	-9.88e-05	0.0	102.1	3.465e+04	232.64	2.42	-1476.27	-1101.06	1.185e+06
319	327	5.925e+05	-490.79	-7.95e-03	-612.50	0.0	6.730e+04	1143.84	-11.26	-2592.38	-490.79	5.598e+05
		5.598e+05	-1598.88	1.17e-04	0.0	102.1	6.730e+04	531.34	-11.26	-2592.38	-1598.88	5.925e+05
319	328	5.848e+05	-2786.78	-8.03e-03	-612.50	0.0	6.660e+04	1132.02	-8.74	-4975.87	-2786.78	5.527e+05
		5.527e+05	-3668.15	-9.49e-05	0.0	102.1	6.660e+04	519.52	-8.74	-4975.87	-3668.15	5.848e+05
319	341	9.912e+05	3150.08	-0.01	-612.50	0.0	4.735e+04	971.15	-6.94	2463.11	3150.08	9.429e+05
		9.429e+05	2483.87	3.62e-04	0.0	102.1	4.735e+04	358.65	-6.94	2463.11	2483.87	9.912e+05
319	344	7.858e+05	-4947.34	-0.01	-612.50	0.0	5.460e+04	1017.83	-1.90	-6531.76	-4947.34	7.462e+05
		7.462e+05	-5183.81	-3.44e-04	0.0	102.1	5.460e+04	405.33	-1.90	-6531.76	-5183.81	7.858e+05
319	357	1.044e+06	-63.01	-0.01	-612.50	0.0	4.295e+04	924.68	-1.98	-1078.29	-63.01	9.939e+05
		9.939e+05	-271.48	6.89e-05	0.0	102.1	4.295e+04	312.18	-1.98	-1078.29	-271.48	1.044e+06
319	358	1.042e+06	-983.11	-0.01	-612.50	0.0	4.276e+04	919.10	-1.20	-1213.35	-983.11	9.917e+05
		9.917e+05	-1123.99	-5.19e-05	0.0	102.1	4.276e+04	306.60	-1.20	-1213.35	-1123.99	1.042e+06
319	359	7.353e+05	-814.15	-9.86e-03	-612.50	0.0	5.919e+04	1069.88	-7.64	-2855.29	-814.15	6.973e+05
		6.973e+05	-1575.95	7.58e-05	0.0	102.1	5.919e+04	457.38	-7.64	-2855.29	-1575.95	7.353e+05
319	360	7.333e+05	-1734.25	-9.86e-03	-612.50	0.0	5.899e+04	1064.30	-6.87	-2990.35	-1734.25	6.952e+05
		6.952e+05	-2428.46	-5.05e-05	0.0	102.1	5.899e+04	451.80	-6.87	-2990.35	-2428.46	7.333e+05
319	373	9.382e+05	747.54	-0.01	-612.50	0.0	4.886e+04	982.01	-4.86	-1542.67	747.54	8.925e+05
		8.925e+05	266.56	2.10e-04	0.0	102.1	4.886e+04	369.51	-4.86	-1542.67	266.56	9.382e+05
319	376	8.388e+05	-2544.80	-0.01	-612.50	0.0	5.309e+04	1006.98	-3.98	-2525.97	-2544.80	7.965e+05
		7.965e+05	-2966.50	-1.92e-04	0.0	102.1	5.309e+04	394.48	-3.98	-2525.97	-2966.50	8.388e+05
320	105	3.764e+06	1663.03	-0.02	-826.88	0.0	1.847e+05	-5207.96	-45.26	1.233e+04	1663.03	3.764e+06
		3.374e+06	-2957.48	-4.62e-04	0.0	102.1	1.847e+05	-6034.84	-45.26	1.233e+04	-2957.48	3.374e+06
320	106	3.432e+06	-824.30	-0.02	-612.50	0.0	1.644e+05	-5644.11	-51.07	7701.32	-824.30	3.432e+06
		3.020e+06	-6038.17	-4.45e-04	0.0	102.1	1.644e+05	-6256.61	-51.07	7701.32	-6038.17	3.020e+06
320	146	8.407e+05	2899.42	-0.01	-612.50	0.0	5.150e+04	1068.67	4.50	6479.16	2440.17	7.916e+05
		7.916e+05	2440.17	-9.18e-05	0.0	102.1	5.150e+04	456.17	4.50	6479.16	2899.42	8.407e+05
320	181	1.213e+06	1.008e+04	-0.02	-826.88	0.0	7.211e+04	1512.11	141.03	1.326e+04	6109.34	1.142e+06
		1.142e+06	6109.34	-2.65e-04	-255.72	102.1	7.211e+04	685.23	-114.69	1.326e+04	7453.87	1.213e+06
320	206	8.810e+05	3829.77	-0.01	-612.50	0.0	5.060e+04	1068.97	4.33	6579.88	3387.60	8.319e+05
		8.319e+05	3387.60	-7.06e-05	0.0	102.1	5.060e+04	456.47	4.33	6579.88	3829.77	8.810e+05
320	243	8.213e+05	4455.50	-0.01	-612.50	0.0	5.472e+04	1109.77	7.50	8083.84	3689.93	7.692e+05
		7.692e+05	3689.93	-1.07e-04	0.0	102.1	5.472e+04	497.27	7.50	8083.84	4455.50	8.213e+05
320	259	2.577e+06	3740.27	-0.02	-612.50	0.0	1.239e+05	-4055.00	-32.05	1.166e+04	3740.27	2.577e+06
		2.276e+06	468.09	-4.82e-04	0.0	102.1	1.239e+05	-4667.50	-32.05	1.166e+04	468.09	2.276e+06
320	268	8.924e+05	4316.60	-0.01	-612.50	0.0	5.263e+04	1110.15	7.35	8055.65	3566.62	8.404e+05
		8.404e+05	3566.62	-1.19e-04	0.0	102.1	5.263e+04	497.65	7.35	8055.65	4316.60	8.924e+05
320	270	2.597e+06	-1245.88	-0.05	-612.50	0.0	1.204e+05	6813.93	-9.14	1403.84	-1245.88	2.177e+06
		2.177e+06	-2178.87	9.31e-04	0.0	102.1	1.204e+05	6201.43	-9.14	1403.84	-2178.87	2.597e+06
320	289	2.603e+06	187.48	-0.05	-612.50	0.0	1.206e+05	6816.82	43.11	2273.56	-738.69	2.183e+06
		2.183e+06	-1558.51	9.42e-04	-102.29	102.1	1.206e+05	6204.32	-59.17	2273.56	-1558.51	2.603e+06
320	302	8.557e+05	7110.52	-0.01	-612.50	0.0	5.418e+04	1114.96	94.61	9464.50	4431.26	8.033e+05
		8.033e+05	4431.26	-1.87e-04	-170.48	102.1	5.418e+04	502.46	-75.87	9464.50	5387.47	8.557e+05
320	309	9.115e+05	4989.96	-0.01	-612.50	0.0	5.233e+04	1110.31	7.20	8132.39	4255.38	8.595e+05
		8.595e+05	4255.38	-1.04e-04	0.0	102.1	5.233e+04	497.81	7.20	8132.39	4989.96	9.115e+05
320	311	2.111e+06	1493.54	-0.04	-612.50	0.0	9.862e+04	5320.73	-4.49	4071.87	1493.54	1.788e+06
		1.788e+06	1035.42	6.91e-04	0.0	102.1	9.862e+04	4708.23	-4.49	4071.87	1035.42	2.111e+06
320	319	8.550e+05	5003.67	-0.01	-612.50	0.0	5.378e+04	1110.10	7.45	8119.99	4243.27	8.030e+05
		8.030e+05	4243.27	-9.95e-05	0.0	102.1	5.378e+04	497.60	7.45	8119.99	5003.67	8.550e+05
320	322	8.554e+05	5362.09	-0.01	-612.50	0.0	5.340e+04	1119.82	6.36	7439.16	4712.93	8.044e+05
		8.044e+05	4712.93	-9.14e-05	0.0	102.1	5.340e+04	507.32	6.36	7439.16	5362.09	8.554e+05
320	323	2.159e+06	4281.02	-0.01	-612.50	0.0	1.056e+05	-2763.48	-22.22	1.080e+04	4281.02	2.159e+06
		1.946e+06	2013.11	-3.24e-04	0.0	102.1	1.056e+05	-3375.98	-22.22	1.080e+04	2013.11	1.946e+06
320	324	9.115e+05	4989.96	-0.01	-612.50	0.0	5.233e+04	1110.31	7.20	8132.39	4255.38	8.595e+05
		8.595e+05	4255.38	-1.04e-04	0.0	102.1	5.233e+04	497.81	7.20	8132.39	4989.96	9.115e+05
320	325	1.234e+06	7435.27	-0.02	-612.50	0.0	3.456e+04	947.64	16.07	1.233e+04	2882.40	1.166e+06
		1.166e+06	2882.40	1.39e-04	0.0	102.1	3.456e+04	335.14	16.07	1.233e+04	7435.27	1.234e+06
320	328	5.888e+05	5628.36	-8.33e-03	-612.50	0.0	7.009e+04	1272.98	-1.68	3932.77	5628.36	5.530e+05
		5.530e+05	2544.64	-1.59e-04	0.0	102.1	7.009e+04	660.48	-1.68	3932.77	2544.64	5.888e+05

320	346	9.713e+05	2149.00	-0.01	-612.50	0.0	5.147e+04	1053.34	15.32	4181.89	-255.39	9.132e+05
		9.132e+05	-255.39	-3.31e-04	0.0	102.1	5.147e+04	440.84	15.32	4181.89	2149.00	9.713e+05
320	347	8.516e+05	8766.14	-0.01	-612.50	0.0	5.319e+04	1167.27	-0.93	1.208e+04	8766.14	8.058e+05
		8.058e+05	7830.91	3.58e-04	0.0	102.1	5.319e+04	554.77	-0.93	1.208e+04	7830.91	8.516e+05
320	357	1.076e+06	6127.90	-0.01	-612.50	0.0	4.353e+04	1019.64	11.92	9575.26	3402.83	1.015e+06
		1.015e+06	3402.83	8.47e-05	0.0	102.1	4.353e+04	407.14	11.92	9575.26	6127.90	1.076e+06
320	360	7.475e+05	5107.92	-0.01	-612.50	0.0	6.112e+04	1200.98	2.47	6689.52	5107.92	7.039e+05
		7.039e+05	3852.01	-1.38e-04	0.0	102.1	6.112e+04	588.48	2.47	6689.52	3852.01	7.475e+05
320	374	9.488e+05	3903.14	-0.01	-612.50	0.0	5.107e+04	1049.87	10.60	8468.91	2473.44	8.940e+05
		8.940e+05	2473.44	-1.99e-04	0.0	102.1	5.107e+04	437.37	10.60	8468.91	3903.14	9.488e+05
320	377	9.705e+05	6526.04	-0.01	-612.50	0.0	4.856e+04	1169.68	6.91	8639.04	5273.82	9.162e+05
		9.162e+05	5273.82	2.18e-04	0.0	102.1	4.856e+04	557.18	6.91	8639.04	6526.04	9.705e+05
321	98	6.212e+05	-6401.31	-0.12	-552.50	0.0	4.503e+04	1.237e+04	101.06	-5.829e+04	-1.571e+04	-1.485e+05
		-1.485e+05	-1.571e+04	-2.43e-04	0.0	92.1	4.503e+04	1.182e+04	101.06	-5.829e+04	-6401.31	6.212e+05
321	105	2.689e+06	-1.602e+04	-0.39	-745.88	0.0	9.657e+04	3.650e+04	48.34	-1.760e+05	-2.047e+04	5.065e+05
		5.065e+05	-2.047e+04	-4.42e-04	0.0	92.1	9.657e+04	3.575e+04	48.34	-1.760e+05	-1.602e+04	2.689e+06
321	127	1.717e+06	-1.362e+04	-0.35	-745.88	0.0	7.492e+04	2.567e+04	5.50	-1.470e+05	-2.050e+04	1.725e+05
		1.725e+05	-2.050e+04	3.03e-04	138.40	92.1	7.492e+04	2.493e+04	143.90	-1.470e+05	-1.362e+04	1.717e+06
321	206	4.253e+05	-4587.81	-0.07	-552.50	0.0	2.183e+04	6852.93	45.00	-1.159e+04	-8731.62	1.978e+04
		1.978e+04	-8731.62	-3.18e-04	0.0	92.1	2.183e+04	6300.43	45.00	-1.159e+04	-4587.81	4.253e+05
321	255	3.247e+05	-5335.88	-0.06	-552.50	0.0	2.637e+04	7083.38	72.04	-1.053e+04	-1.197e+04	-1.105e+05
		-1.105e+05	-1.197e+04	-4.30e-04	0.0	92.1	2.637e+04	6530.88	72.04	-1.053e+04	-5335.88	3.247e+05
321	259	1.728e+06	-1.007e+04	-0.25	-552.50	0.0	5.800e+04	2.292e+04	24.74	-9.061e+04	-1.235e+04	3.673e+05
		3.673e+05	-1.235e+04	-4.69e-04	0.0	92.1	5.800e+04	2.237e+04	24.74	-9.061e+04	-1.007e+04	1.728e+06
321	270	1.272e+06	-9866.36	-0.26	-552.50	0.0	5.535e+04	1.899e+04	9.62	-1.083e+05	-1.500e+04	1.294e+05
		1.294e+05	-1.500e+04	2.11e-04	92.27	92.1	5.535e+04	1.844e+04	101.88	-1.083e+05	-9866.36	1.272e+06
321	287	4.270e+05	-6054.67	-0.07	-552.50	0.0	2.295e+04	7046.95	43.72	-1.466e+04	-1.008e+04	7146.41
		7146.41	-1.008e+04	-2.47e-04	0.0	92.1	2.295e+04	6494.45	43.72	-1.466e+04	-6054.67	4.270e+05
321	309	4.414e+05	-5666.23	-0.07	-552.50	0.0	2.263e+04	7079.19	41.93	-1.531e+04	-9527.08	2.189e+04
		2.189e+04	-9527.08	-3.41e-04	0.0	92.1	2.263e+04	6526.69	41.93	-1.531e+04	-5666.23	4.414e+05
321	311	9.810e+05	-7543.77	-0.20	-552.50	0.0	4.211e+04	1.458e+04	48.91	-6.984e+04	-1.205e+04	1.113e+05
		1.113e+05	-1.205e+04	-3.48e-04	0.0	92.1	4.211e+04	1.402e+04	48.91	-6.984e+04	-7543.77	9.810e+05
321	322	3.639e+05	-5118.93	-0.07	-552.50	0.0	2.513e+04	7089.10	63.58	-1.165e+04	-1.097e+04	-6.554e+05
		-6.554e+05	-1.097e+04	-5.13e-04	0.0	92.1	2.513e+04	6536.60	63.58	-1.165e+04	-5118.93	3.639e+05
321	323	1.417e+06	-8670.30	-0.20	-552.50	0.0	4.885e+04	1.897e+04	28.10	-7.172e+04	-1.126e+04	2.928e+05
		2.928e+05	-1.126e+04	-5.43e-04	0.0	92.1	4.885e+04	1.842e+04	28.10	-7.172e+04	-8670.30	1.417e+06
321	324	4.414e+05	-5666.23	-0.07	-552.50	0.0	2.263e+04	7079.19	41.93	-1.531e+04	-9527.08	2.189e+04
		2.189e+04	-9527.08	-3.41e-04	0.0	92.1	2.263e+04	6526.69	41.93	-1.531e+04	-5666.23	4.414e+05
321	328	2.723e+05	-5648.62	-0.05	-552.50	0.0	3.061e+04	5878.15	80.30	-7944.72	-1.439e+04	-9.553e+05
		-9.553e+05	-1.439e+04	1.57e-04	0.0	92.1	3.061e+04	5325.65	80.30	-7944.72	-5648.62	2.723e+05
321	333	6.109e+05	-4715.03	-0.10	-552.50	0.0	1.455e+04	8291.57	3.48	-2.292e+04	-4715.03	1.402e+05
		1.402e+05	-5691.78	-5.82e-04	0.0	92.1	1.455e+04	7739.07	3.48	-2.292e+04	-5691.78	6.109e+05
321	336	2.719e+05	-5640.69	-0.05	-552.50	0.0	3.071e+04	5866.82	80.37	-7689.89	-1.434e+04	-9.637e+05
		-9.637e+05	-1.434e+04	1.52e-04	0.0	92.1	3.071e+04	5314.32	80.37	-7689.89	-5640.69	2.719e+05
321	347	4.201e+05	-2896.10	-0.07	-552.50	0.0	2.264e+04	6929.54	71.42	-1.968e+04	-9062.22	3.072e+05
		3.072e+05	-9062.22	-9.98e-04	0.0	92.1	2.264e+04	6377.04	71.42	-1.968e+04	-2896.10	4.201e+05
321	364	3.567e+05	-5466.24	-0.06	-552.50	0.0	2.643e+04	6489.52	65.28	-1.284e+04	-1.185e+04	-3.353e+04
		-3.353e+04	-1.185e+04	-2.00e-04	0.0	92.1	2.643e+04	5937.02	65.28	-1.284e+04	-5466.24	3.567e+05
321	365	5.269e+05	-5882.33	-0.09	-552.50	0.0	1.867e+04	7691.88	18.32	-1.794e+04	-7238.46	7.855e+05
		7.855e+05	-7238.46	-4.55e-04	0.0	92.1	1.867e+04	7139.38	18.32	-1.794e+04	-5882.33	5.269e+05
321	368	3.559e+05	-5450.13	-0.06	-552.50	0.0	2.659e+04	6466.51	65.54	-1.268e+04	-1.182e+04	-3.476e+04
		-3.476e+04	-1.182e+04	-2.26e-04	0.0	92.1	2.659e+04	5914.01	65.54	-1.268e+04	-5450.13	3.559e+05
321	387	4.226e+05	-4884.09	-0.07	-552.50	0.0	2.345e+04	6922.05	42.92	-1.315e+04	-9661.79	1.273e+04
		1.273e+04	-9661.79	-7.13e-04	0.0	92.1	2.345e+04	6369.55	42.92	-1.315e+04	-4884.09	4.226e+05
322	8	1.422e+06	1.612e+04	-0.29	-552.50	0.0	6.016e+04	2.052e+04	-200.62	-1.247e+05	1.612e+04	1.895e+05
		1.895e+05	1.612e+04	1.24e-03	0.0	92.1	6.016e+04	1.997e+04	-200.62	-1.247e+05	-2350.24	1.422e+06
322	98	5.835e+05	1.602e+04	-0.10	-552.50	0.0	4.081e+04	1.116e+04	-168.05	-4.824e+04	1.602e+04	-9.813e+05
		-9.813e+05	1.602e+04	5.57e-04	0.0	92.1	4.081e+04	1.060e+04	-168.05	-4.824e+04	541.46	5.835e+05
322	105	2.480e+06	1.447e+04	-0.36	-745.88	0.0	8.820e+04	3.294e+04	-180.91	-1.283e+05	1.447e+04	5.101e+05
		5.101e+05	1.447e+04	1.48e-03	0.0	92.1	8.820e+04	3.219e+04	-180.91	-1.283e+05	-2193.52	2.480e+06
322	127	1.580e+06	1.811e+04	-0.32	-745.88	0.0	6.842e+04	2.309e+04	-220.82	-1.276e+05	1.811e+04	1.948e+05
		1.948e+05	1.811e+04	1.31e-03	0.0	92.1	6.842e+04	2.234e+04	-220.82	-1.276e+05	-2229.09	1.580e+06
322	206	4.140e+05	4443.50	-0.07	-552.50	0.0	2.137e+04	6631.01	-39.41	-69.77	4443.50	2.149e+04
		2.149e+04	814.58	7.08e-05	0.0	92.1	2.137e+04	6078.51	-39.41	-69.77	814.58	4.140e+05
322	210	1.171e+06	1.317e+04	-0.24	-552.50	0.0	5.058e+04	1.708e+04	-160.37	-9.356e+04	1.317e+04	1.465e+05
		1.465e+05	1.317e+04	9.12e-04	0.0	92.1	5.058e+04	1.653e+04	-160.37	-9.356e+04	-1595.05	1.171e+06
322	255	3.226e+05	8209.37	-0.06	-552.50	0.0	2.494e+04	6811.30	-76.77	3253.66	8209.37	-8.933e+04
		-8.933e+04	1139.83	-7.28e-05	0.0	92.1	2.494e+04	6258.80	-76.77	3253.66	1139.83	3.226e+05
322	259	1.610e+06	5766.99	-0.23	-552.50	0.0	5.393e+04	2.105e+04	-73.13	-5.473e+04	5766.99	3.569e+05
		3.569e+05	5766.99	-966.82	7.20e-04	92.1	5.393e+04	2.049e+04	-73.13	-5.473e+04	-966.82	1.610e+06
322	270	1.171e+06	1.333e+04	-0.24	-552.50	0.0	5.058e+04	1.708e+04	-161.98	-9.426e+04	1.333e+04	1.610e+05
		1.610e+05	1.333e+04	9.46e-04	0.0	92.1	5.058e+04	1.653e+04	-161.98	-9.426e+04	-1586.96	1.171e+06
322	287	4.100e+05	4789.15	-0.07	-552.50	0.0	2.222e+04	6781.93	-49.03	-603.68	4789.15	6962.39
		6962.39	274.55	1.69e-04	0.0	92.1	2.222e+04	6229.43	-49.03	-603.68	274.55	4.100e+05
322	309	4.231e+05	4571.15	-0.07	-552.50	0.0	2.189e+04	6794.15	-42.07	-1265.11	4571.15	2.039e+04
		2.039e+04	697.18	6.74e-05	0.0	92.1	2.189e+04	6241.65	-42.07	-1265.11	697.18	4.231e+05
322	311	9.138e+05	8982.34	-0.18	-552.50	0.0	3.917e+04	1.334e+04	-102.74	-5.627e+04	8982.34	1.173e+05

		1.173e+05	-477.96	4.58e-04	0.0	92.1	3.917e+04	1.279e+04	-102.74	-5.627e+04	-477.96	9.138e+05
322	322	3.571e+05	6969.18	-0.07	-552.50	0.0	2.390e+04	6806.08	-60.85	2277.92	6969.18	-5.164e+04
		-5.164e+04	1365.70	-1.14e-04	0.0	92.1	2.390e+04	6253.58	-60.85	2277.92	1365.70	3.571e+05
322	323	1.323e+06	5137.40	-0.19	-552.50	0.0	4.564e+04	1.748e+04	-58.12	-4.121e+04	5137.40	2.830e+05
		2.830e+05	-214.29	4.40e-04	0.0	92.1	4.564e+04	1.693e+04	-58.12	-4.121e+04	-214.29	1.323e+06
322	324	4.231e+05	4571.15	-0.07	-552.50	0.0	2.189e+04	6794.15	-42.07	-1265.11	4571.15	2.039e+04
		2.039e+04	697.18	6.74e-05	0.0	92.1	2.189e+04	6241.65	-42.07	-1265.11	697.18	4.231e+05
322	333	5.796e+05	3045.26	-0.10	-552.50	0.0	1.435e+04	5736.41	-5.36	100.68	3045.26	5.796e+05
		1.296e+05	2362.57	-5.25e-04	0.0	92.1	1.435e+04	5183.91	-5.36	100.68	2362.57	1.296e+05
322	336	2.666e+05	6779.74	-0.05	-552.50	0.0	2.942e+04	7851.89	-78.78	-2630.90	6779.74	-8.886e+04
		-8.886e+04	-1650.90	6.60e-04	0.0	92.1	2.942e+04	7299.39	-78.78	-2630.90	-1650.90	2.666e+05
322	344	3.644e+05	8281.49	-0.06	-552.50	0.0	2.481e+04	7153.94	-76.21	-7403.47	8281.49	-2.681e+04
		-2.681e+04	-2610.23	9.19e-04	0.0	92.1	2.481e+04	6601.44	-76.21	-7403.47	-2610.23	3.644e+05
322	348	3.644e+05	8307.20	-0.06	-552.50	0.0	2.481e+04	7154.32	-76.24	-7398.55	8307.20	-2.687e+04
		-2.687e+04	-2585.97	9.65e-04	0.0	92.1	2.481e+04	6601.82	-76.24	-7398.55	-2585.97	3.644e+05
322	365	5.022e+05	4140.10	-0.08	-552.50	0.0	1.811e+04	6256.69	-24.77	-1099.54	4140.10	7.435e+04
		7.435e+04	1707.04	-2.14e-04	0.0	92.1	1.811e+04	5704.19	-24.77	-1099.54	1707.04	5.022e+05
322	367	3.452e+05	5338.99	-0.06	-552.50	0.0	2.551e+04	7322.76	-53.98	-565.20	5338.99	-3.160e+04
		-3.160e+04	199.66	1.42e-04	0.0	92.1	2.551e+04	6770.26	-53.98	-565.20	199.66	3.452e+05
322	368	3.439e+05	5002.21	-0.06	-552.50	0.0	2.566e+04	7331.60	-59.37	-1430.69	5002.21	-3.357e+04
		-3.357e+04	-312.68	3.49e-04	0.0	92.1	2.566e+04	6779.10	-59.37	-1430.69	-312.68	3.439e+05
322	376	3.974e+05	4176.77	-0.07	-552.50	0.0	2.323e+04	6968.60	-55.41	-2631.08	4176.77	1239.03
		1239.03	-394.96	4.41e-04	0.0	92.1	2.323e+04	6416.10	-55.41	-2631.08	-394.96	3.974e+05
323	74	5.088e+05	-4851.09	-0.09	-552.50	0.0	3.576e+04	9857.71	11.62	-6.382e+04	-4851.09	-9.295e+04
		-9.295e+04	-5921.15	4.25e-04	0.0	92.1	3.576e+04	9305.21	11.62	-6.382e+04	-5921.15	5.088e+05
323	105	2.239e+06	22.08	-0.33	-745.88	0.0	7.908e+04	2.949e+04	-163.11	-1.676e+05	22.08	4.704e+05
		4.704e+05	-1.500e+04	1.95e-03	0.0	92.1	7.908e+04	2.874e+04	-163.11	-1.676e+05	-1.500e+04	2.239e+06
323	106	2.081e+06	1768.78	-0.30	-552.50	0.0	7.082e+04	2.692e+04	-180.90	-1.694e+05	1768.78	4.645e+05
		4.645e+05	-1.489e+04	1.97e-03	0.0	92.1	7.082e+04	2.637e+04	-180.90	-1.694e+05	-1.489e+04	2.081e+06
323	206	4.140e+05	-814.58	-0.07	-552.50	0.0	2.137e+04	6631.01	39.41	69.76	-814.58	4.140e+05
		2.149e+04	-4443.51	-7.08e-05	0.0	92.1	2.137e+04	6078.51	39.41	69.76	-4443.51	2.149e+04
323	243	3.377e+05	-813.65	-0.06	-552.50	0.0	2.443e+04	6799.76	57.45	-147.95	-813.65	-7.142e+04
		-7.142e+04	-6103.96	7.00e-05	0.0	92.1	2.443e+04	6247.26	57.45	-147.95	-6103.96	3.377e+05
323	255	3.373e+05	587.45	-0.06	-552.50	0.0	2.440e+04	6792.18	55.09	3984.96	587.45	-7.102e+04
		-7.102e+04	-4485.88	-3.42e-04	0.0	92.1	2.440e+04	6239.68	55.09	3984.96	-4485.88	3.373e+05
323	259	1.502e+06	-407.71	-0.22	-552.50	0.0	5.040e+04	1.944e+04	-85.16	-7.834e+04	-407.71	3.415e+05
		3.415e+05	-8249.09	1.15e-03	0.0	92.1	5.040e+04	1.889e+04	-85.16	-7.834e+04	-8249.09	1.502e+06
323	268	4.105e+05	-1068.32	-0.07	-552.50	0.0	2.220e+04	6780.98	35.96	-39.28	-1068.32	8041.68
		8041.68	-4379.30	1.18e-04	0.0	92.1	2.220e+04	6228.48	35.96	-39.28	-4379.30	4.105e+05
323	310	4.233e+05	-1094.07	-0.07	-552.50	0.0	2.188e+04	6793.67	35.53	943.63	-1094.07	2.093e+04
		2.093e+04	-4366.23	9.24e-05	0.0	92.1	2.188e+04	6241.17	35.53	943.63	-4366.23	4.233e+05
323	319	3.680e+05	-525.74	-0.07	-552.50	0.0	2.353e+04	6798.14	56.16	533.57	-525.74	-3.902e+04
		-3.902e+04	-5697.52	-1.07e-04	0.0	92.1	2.353e+04	6245.64	56.16	533.57	-5697.52	3.680e+05
323	322	3.677e+05	525.08	-0.07	-552.50	0.0	2.351e+04	6792.46	54.40	3633.25	525.08	-3.872e+04
		-3.872e+04	-4483.96	-3.66e-04	0.0	92.1	2.351e+04	6239.96	54.40	3633.25	-4483.96	3.677e+05
323	323	1.241e+06	-1425.33	-0.18	-552.50	0.0	4.301e+04	1.628e+04	-50.79	-5.811e+04	-1425.33	2.707e+05
		2.707e+05	-6102.32	7.53e-04	0.0	92.1	4.301e+04	1.573e+04	-50.79	-5.811e+04	-6102.32	1.241e+06
323	324	4.231e+05	-697.19	-0.07	-552.50	0.0	2.189e+04	6794.15	42.07	1265.10	-697.19	4.231e+05
		2.039e+04	-4571.16	-6.74e-05	0.0	92.1	2.189e+04	6241.65	42.07	1265.10	-4571.16	2.039e+04
323	326	5.795e+05	-2369.53	-0.10	-552.50	0.0	1.437e+04	5739.46	5.27	-72.46	-2369.53	1.294e+05
		1.294e+05	-3067.80	5.25e-04	0.0	92.1	1.437e+04	5186.96	5.27	-72.46	-3067.80	5.795e+05
323	327	2.666e+05	1673.43	-0.05	-552.50	0.0	2.940e+04	7848.83	78.87	2602.66	1673.43	-8.866e+04
		-8.866e+04	-6772.79	-6.60e-04	0.0	92.1	2.940e+04	7296.33	78.87	2602.66	-6772.79	2.666e+05
323	343	3.645e+05	2661.11	-0.06	-552.50	0.0	2.476e+04	7144.13	76.53	7304.44	2661.11	-2.620e+04
		-2.620e+04	-8284.00	-9.66e-04	0.0	92.1	2.476e+04	6591.63	76.53	7304.44	-8284.00	3.645e+05
323	347	3.646e+05	2685.37	-0.06	-552.50	0.0	2.475e+04	7143.75	76.49	7309.36	2685.37	-2.614e+04
		-2.614e+04	-8258.30	-9.20e-04	0.0	92.1	2.475e+04	6591.25	76.49	7309.36	-8258.30	3.646e+05
323	358	5.022e+05	-1707.05	-0.08	-552.50	0.0	1.811e+04	6256.69	24.77	1099.53	-1707.05	5.022e+05
		7.435e+04	-4140.10	2.14e-04	0.0	92.1	1.811e+04	5704.19	24.77	1099.53	7.435e+04	5.022e+05
323	359	3.439e+05	312.68	-0.06	-552.50	0.0	2.566e+04	7331.60	59.37	1430.68	312.68	-3.357e+04
		-3.357e+04	-5002.21	-3.49e-04	0.0	92.1	2.566e+04	6779.10	59.37	1430.68	-5002.21	3.439e+05
323	360	3.452e+05	-199.66	-0.06	-552.50	0.0	2.551e+04	7322.76	53.98	565.18	-199.66	-3.160e+04
		-3.160e+04	-5339.00	-1.42e-04	0.0	92.1	2.551e+04	6770.26	53.98	565.18	-5339.00	3.452e+05
323	379	3.974e+05	394.96	-0.07	-552.50	0.0	2.323e+04	6968.60	55.41	2631.07	394.96	1239.03
		1239.03	-4176.78	-4.41e-04	0.0	92.1	2.323e+04	6416.10	55.41	2631.07	-4176.78	3.974e+05
324	74	4.450e+05	1.652e+04	-0.08	-552.50	0.0	3.256e+04	9025.08	-130.95	-4.416e+04	1.652e+04	-1.009e+05
		-1.009e+05	4457.15	9.47e-04	0.0	92.1	3.256e+04	8472.58	-130.95	-4.416e+04	-1.009e+05	4.450e+05
324	105	2.065e+06	2.419e+04	-0.30	-745.88	0.0	7.207e+04	2.741e+04	-200.57	-9.761e+04	2.419e+04	4.498e+05
		4.498e+05	5720.22	3.37e-03	0.0	92.1	7.207e+04	2.667e+04	-200.57	-9.761e+04	5720.22	2.065e+06
324	106	1.892e+06	1.994e+04	-0.27	-552.50	0.0	6.323e+04	2.467e+04	-189.43	-1.072e+05	1.994e+04	4.397e+05
		4.397e+05	2496.85	3.22e-03	0.0	92.1	6.323e+04	2.412e+04	-189.43	-1.072e+05	2496.85	1.892e+06
324	165	1.378e+06	2.500e+04	-0.27	-745.88	0.0	5.746e+04	1.993e+04	-103.65	-8.576e+04	2.500e+04	1.942e+05
		1.942e+05	9086.40	2.27e-03	-138.40	92.1	5.746e+04	1.919e+04	-103.65	-8.576e+04	9086.40	1.378e+06
324	206	4.253e+05	8731.56	-0.07	-552.50	0.0	2.183e+04	6852.93	-45.00	1.159e+04	8731.56	1.978e+04
		1.978e+04	4587.81	3.18e-04	0.0	92.1	2.183e+04	6300.43	-45.00	1.159e+04	4587.81	4.253e+05
324	243	3.532e+05	1.145e+04	-0.06	-552.50	0.0	2.518e+04	7066.40	-63.94	1.339e+04	1.145e+04	-7.254e+04
		-7.254e+04	5561.54	4.27e-04	0.0	92.1	2.518e+04	6513.90	-63.94	1.339e+04	-7.254e+04	3.532e+05

324	259	1.425e+06	1.399e+04	-0.21	-552.50	0.0	4.790e+04	1.866e+04	-107.25	-3.334e+04	1.399e+04	3.279e+05
		3.279e+05	4109.46	2.11e-03	0.0	92.1	4.790e+04	1.811e+04	-107.25	-3.334e+04	4109.46	1.425e+06
324	268	4.287e+05	9664.69	-0.07	-552.50	0.0	2.285e+04	7058.77	-46.89	1.409e+04	9664.69	1.159e+04
		1.159e+04	5347.14	5.03e-04	0.0	92.1	2.285e+04	6506.27	-46.89	1.409e+04	5347.14	4.287e+05
324	289	1.020e+06	1.838e+04	-0.20	-552.50	0.0	4.243e+04	1.474e+04	-81.95	-6.409e+04	1.838e+04	1.450e+05
		1.450e+05	6586.83	1.67e-03	-92.27	92.1	4.243e+04	1.419e+04	-174.22	-6.409e+04	6586.83	1.020e+06
324	310	4.422e+05	9318.92	-0.07	-552.50	0.0	2.258e+04	7085.11	-43.51	1.502e+04	9318.92	2.411e+04
		2.411e+04	5312.47	4.69e-04	0.0	92.1	2.258e+04	6532.61	-43.51	1.502e+04	5312.47	4.422e+05
324	311	8.467e+05	1.449e+04	-0.16	-552.50	0.0	3.530e+04	1.224e+04	-90.33	-3.145e+04	1.449e+04	1.208e+05
		1.208e+05	6169.05	1.15e-03	0.0	92.1	3.530e+04	1.169e+04	-90.33	-3.145e+04	6169.05	8.467e+05
324	319	3.840e+05	1.090e+04	-0.07	-552.50	0.0	2.431e+04	7067.49	-55.13	1.423e+04	1.090e+04	-4.041e+04
		-4.041e+04	5818.82	3.19e-04	0.0	92.1	2.431e+04	6514.99	-55.13	1.423e+04	5818.82	3.840e+05
324	323	1.188e+06	1.280e+04	-0.17	-552.50	0.0	4.135e+04	1.576e+04	-87.62	-2.082e+04	1.280e+04	2.599e+05
		2.599e+05	4729.77	1.58e-03	0.0	92.1	4.135e+04	1.521e+04	-87.62	-2.082e+04	4729.77	1.188e+06
324	324	4.414e+05	9527.01	-0.07	-552.50	0.0	2.263e+04	7079.19	-41.93	1.531e+04	9527.01	2.189e+04
		2.189e+04	5666.23	3.41e-04	0.0	92.1	2.263e+04	6526.69	-41.93	1.531e+04	5666.23	4.414e+05
324	326	6.112e+05	5720.26	-0.10	-552.50	0.0	1.456e+04	8290.78	-3.51	2.282e+04	4703.01	1.400e+05
		1.400e+05	4703.01	5.83e-04	0.0	92.1	1.456e+04	7738.28	-3.51	2.282e+04	5720.26	6.112e+05
324	327	2.716e+05	1.435e+04	-0.05	-552.50	0.0	3.071e+04	5867.61	-80.34	7788.61	1.435e+04	-9.619e+04
		-9.619e+04	5612.20	-1.52e-04	0.0	92.1	3.071e+04	5315.11	-80.34	7788.61	5612.20	2.716e+05
324	335	2.720e+05	1.440e+04	-0.05	-552.50	0.0	3.060e+04	5878.95	-80.27	8043.44	1.440e+04	-9.535e+04
		-9.535e+04	5620.14	-1.57e-04	0.0	92.1	3.060e+04	5326.45	-80.27	8043.44	5620.14	2.720e+05
324	344	4.210e+05	9022.25	-0.07	-552.50	0.0	2.266e+04	6926.90	-71.51	1.935e+04	9022.25	3.010e+04
		3.010e+04	2991.04	1.00e-03	0.0	92.1	2.266e+04	6374.40	-71.51	1.935e+04	2991.04	4.210e+05
324	358	5.269e+05	7238.40	-0.09	-552.50	0.0	1.867e+04	7691.88	-18.32	1.794e+04	7238.40	7.855e+04
		7.855e+04	5882.33	4.55e-04	0.0	92.1	1.867e+04	7139.38	-18.32	1.794e+04	5882.33	5.269e+05
324	359	3.559e+05	1.182e+04	-0.06	-552.50	0.0	2.659e+04	6466.51	-65.54	1.268e+04	1.182e+04	-3.476e+04
		-3.476e+04	5450.13	2.26e-04	0.0	92.1	2.659e+04	5914.01	-65.54	1.268e+04	5450.13	3.559e+05
324	371	3.567e+05	1.185e+04	-0.06	-552.50	0.0	2.643e+04	6489.52	-65.28	1.284e+04	1.185e+04	-3.353e+04
		-3.353e+04	5466.24	2.00e-04	0.0	92.1	2.643e+04	5937.02	-65.28	1.284e+04	5466.24	3.567e+05
324	384	4.226e+05	9661.73	-0.07	-552.50	0.0	2.345e+04	6922.05	-42.92	1.315e+04	9661.73	1.273e+04
		1.273e+04	4884.09	7.13e-04	0.0	92.1	2.345e+04	6369.55	-42.92	1.315e+04	4884.09	4.226e+05
325	49	9.042e+05	1.316e+05	0.42	-745.88	0.0	6.680e+04	-3.345e+04	1637.36	1.599e+05	-1.917e+04	9.042e+05
		-1.667e+06	-1.917e+04	-2.53e-03	0.0	92.1	6.680e+04	-3.420e+04	1637.36	1.599e+05	1.316e+05	-1.667e+06
325	57	9.663e+05	1.275e+05	0.22	-745.88	0.0	5.630e+04	-3.195e+04	1732.66	1.274e+05	-3.201e+04	9.663e+05
		-1.483e+06	-3.201e+04	-1.78e-03	0.0	92.1	5.630e+04	-3.269e+04	1732.66	1.274e+05	1.275e+05	-1.483e+06
325	164	1.502e+05	1998.39	0.07	-552.50	0.0	1.750e+04	-7774.57	116.79	1.673e+04	-8755.87	1.502e+05
		-5.106e+05	-8755.87	-6.49e-04	0.0	92.1	1.750e+04	-8327.07	116.79	1.673e+04	1998.39	-5.106e+05
325	231	5.839e+05	7.115e+04	0.26	-552.50	0.0	3.853e+04	-1.973e+04	896.80	8.294e+04	-1.143e+04	5.839e+05
		-9.076e+05	-1.143e+04	-1.34e-03	0.0	92.1	3.853e+04	-2.028e+04	896.80	8.294e+04	7.115e+04	-9.076e+05
325	235	6.299e+05	6.814e+04	0.12	-552.50	0.0	3.075e+04	-1.862e+04	967.40	5.883e+04	-2.094e+04	6.299e+05
		-7.710e+05	-2.094e+04	-7.93e-04	0.0	92.1	3.075e+04	-1.917e+04	967.40	5.883e+04	6.814e+04	-7.710e+05
325	239	1.027e+05	2476.21	0.07	-552.50	0.0	1.777e+04	-8182.37	137.73	2.025e+04	-1.021e+04	1.027e+05
		-6.100e+05	-1.021e+04	-6.85e-04	0.0	92.1	1.777e+04	-8734.87	137.73	2.025e+04	2476.21	-6.100e+05
325	270	1.714e+05	2.637e+04	0.11	-552.50	0.0	3.106e+04	-1.326e+04	392.51	5.774e+04	-1.402e+04	1.714e+05
		-9.823e+05	-1.402e+04	-1.38e-03	92.27	92.1	3.106e+04	-1.381e+04	484.77	5.774e+04	2.637e+04	-9.823e+05
325	316	4.738e+05	5.390e+04	0.22	-552.50	0.0	3.355e+04	-1.684e+04	704.09	6.756e+04	-1.093e+04	4.738e+05
		-8.177e+05	-1.093e+04	-9.56e-04	0.0	92.1	3.355e+04	-1.739e+04	704.09	6.756e+04	5.390e+04	-8.177e+05
325	317	5.083e+05	5.165e+04	0.11	-552.50	0.0	2.772e+04	-1.600e+04	757.03	4.949e+04	-1.806e+04	5.083e+05
		-7.153e+05	-1.806e+04	-5.47e-04	0.0	92.1	2.772e+04	-1.655e+04	757.03	4.949e+04	5.165e+04	-7.153e+05
325	318	1.129e+05	2400.71	0.07	-552.50	0.0	1.799e+04	-8174.14	134.79	2.055e+04	-1.001e+04	1.129e+05
		-5.945e+05	-1.001e+04	-4.62e-04	0.0	92.1	1.799e+04	-8726.64	134.79	2.055e+04	2400.71	-5.945e+05
325	324	1.492e+05	5726.70	0.08	-552.50	0.0	1.843e+04	-8129.56	165.65	2.178e+04	-9527.16	1.492e+05
		-5.424e+05	-9527.16	-4.24e-04	0.0	92.1	1.843e+04	-8682.06	165.65	2.178e+04	5726.70	-5.424e+05
325	326	8.414e+04	2455.77	0.06	-552.50	0.0	2.081e+04	-7567.23	139.69	2.005e+04	-1.179e+04	8.414e+04
		-6.102e+05	-1.179e+04	-1.13e-03	0.0	92.1	2.081e+04	-8119.73	139.69	2.005e+04	2455.77	-6.102e+05
325	328	1.837e+05	1.133e+04	0.09	-552.50	0.0	1.649e+04	-8856.83	225.68	2.531e+04	-8131.62	1.837e+05
		-4.936e+05	-8131.62	-5.57e-04	0.0	92.1	1.649e+04	-9409.33	225.68	2.531e+04	1.133e+04	-4.936e+05
325	338	8.194e+04	2737.02	0.06	-552.50	0.0	2.085e+04	-7351.26	140.01	2.076e+04	-1.166e+04	8.194e+04
		-6.107e+05	-1.166e+04	-1.38e-03	0.0	92.1	2.085e+04	-7903.76	140.01	2.076e+04	2737.02	-6.107e+05
325	339	2.164e+05	8716.38	0.09	-552.50	0.0	1.601e+04	-8907.85	191.29	2.280e+04	-7392.45	2.164e+05
		-4.742e+05	-7392.45	5.34e-04	0.0	92.1	1.601e+04	-9460.35	191.29	2.280e+04	8716.38	-4.742e+05
325	351	2.235e+05	3411.65	0.08	-552.50	0.0	1.697e+04	-8746.30	126.19	1.724e+04	-7700.88	2.235e+05
		-4.929e+05	-7700.88	1.76e-03	0.0	92.1	1.697e+04	-9298.80	126.19	1.724e+04	3411.65	-4.929e+05
325	358	1.174e+05	4293.69	0.07	-552.50	0.0	1.961e+04	-7769.66	154.65	2.114e+04	-1.066e+04	1.174e+05
		-5.758e+05	-1.066e+04	-7.18e-04	0.0	92.1	1.961e+04	-8322.16	154.65	2.114e+04	4293.69	-5.758e+05
325	370	1.151e+05	4191.53	0.07	-552.50	0.0	1.964e+04	-7734.19	152.21	2.123e+04	-1.059e+04	1.151e+05
		-5.766e+05	-1.059e+04	-9.00e-04	0.0	92.1	1.964e+04	-8286.69	152.21	2.123e+04	4191.53	-5.766e+05
325	371	1.833e+05	7261.86	0.08	-552.50	0.0	1.721e+04	-8524.93	179.10	2.233e+04	-8459.57	1.833e+05
		-5.083e+05	-8459.57	5.29e-05	0.0	92.1	1.721e+04	-9077.43	179.10	2.233e+04	7261.86	-5.083e+05
325	376	1.357e+05	9148.66	0.08	-552.50	0.0	1.843e+04	-8125.73	209.12	2.455e+04	-9961.97	1.357e+05
		-5.475e+05	-9961.97	-8.83e-04	0.0	92.1	1.843e+04	-8678.23	209.12	2.455e+04	9148.66	-5.475e+05
325	383	1.863e+05	4583.79	0.08	-552.50	0.0	1.770e+04	-8438.48	146.24	1.952e+04	-8622.56	1.863e+05
		-5.178e+05	-8622.56	6.61e-04	0.0	92.1	1.770e+04	-8990.98	146.24	1.952e+04	4583.79	-5.178e+05
326	49	8.539e+05	2.010e+05	0.38	-745.88	0.0	6.093e+04	-2.972e+04	1981.70	1.129e+05	1.853e+04	8.539e+05
		-1.479e+06	1.853e+04	-2.89e-03	0.0	92.1	6.093e+04	-3.046e+04	1981.70	1.129e+05	2.010e+05	-1.479e+06
326	57	9.004e+05	4.963e+04	0.20	-745.88	0.0	5.226e+04	-2.826e+04	183.43	6999.90	3.274e+04	9.004e+05

		-1.299e+06	3.274e+04	-1.11e-03	0.0	92.1	5.226e+04	-2.900e+04	183.43	6999.90	4.963e+04	-1.299e+06
326	162	1.441e+05	2.668e+04	0.07	-552.50	0.0	1.718e+04	-7366.27	242.35	-5488.44	4360.68	1.441e+05
		-4.971e+05	4360.68	-3.96e-04	0.0	92.1	1.718e+04	-7918.77	242.35	-5488.44	2.668e+04	-4.971e+05
326	164	1.472e+05	2.727e+04	0.07	-552.50	0.0	1.711e+04	-7368.82	247.74	-5113.17	4460.18	1.472e+05
		-4.925e+05	4460.18	-4.28e-04	0.0	92.1	1.711e+04	-7921.32	247.74	-5113.17	2.727e+04	-4.925e+05
326	231	5.465e+05	9.717e+04	0.25	-552.50	0.0	3.590e+04	-1.775e+04	958.85	5.272e+04	8877.47	5.465e+05
		-8.253e+05	8877.47	-1.52e-03	0.0	92.1	3.590e+04	-1.830e+04	958.85	5.272e+04	9.717e+04	-8.253e+05
326	235	5.809e+05	1.940e+04	0.11	-552.50	0.0	2.948e+04	-1.666e+04	-373.20	-2.574e+04	1.940e+04	5.809e+05
		-6.917e+05	-1.496e+04	-2.93e-04	0.0	92.1	2.948e+04	-1.721e+04	-373.20	-2.574e+04	-1.496e+04	-6.917e+05
326	239	9.595e+04	3.623e+04	0.07	-552.50	0.0	1.691e+04	-7640.15	338.14	-3753.81	5094.15	9.595e+04
		-5.821e+05	5094.15	-4.51e-04	0.0	92.1	1.691e+04	-8192.65	338.14	-3753.81	3.623e+04	-5.821e+05
326	270	1.663e+05	9.349e+04	0.10	-552.50	0.0	2.864e+04	-1.194e+04	897.25	2.675e+04	1.087e+04	1.663e+05
		-9.005e+05	1.087e+04	-1.21e-03	0.0	92.1	2.864e+04	-1.249e+04	897.25	2.675e+04	9.349e+04	-9.005e+05
326	316	4.397e+05	7.807e+04	0.20	-552.50	0.0	3.153e+04	-1.521e+04	764.80	3.880e+04	7647.35	4.397e+05
		-7.582e+05	7647.35	-1.09e-03	0.0	92.1	3.153e+04	-1.576e+04	764.80	3.880e+04	7.807e+04	-7.582e+05
326	317	4.656e+05	1.554e+04	0.10	-552.50	0.0	2.671e+04	-1.440e+04	-234.24	-2.004e+04	1.554e+04	4.656e+05
		-6.580e+05	-6029.55	-1.21e-04	0.0	92.1	2.671e+04	-1.495e+04	-234.24	-2.004e+04	-6029.55	-6.580e+05
326	318	1.018e+05	3.237e+04	0.07	-552.50	0.0	1.728e+04	-7631.21	299.26	-3550.14	4809.86	1.018e+05
		-5.758e+05	4809.86	-3.04e-04	0.0	92.1	1.728e+04	-8183.71	299.26	-3550.14	3.237e+04	-5.758e+05
326	324	1.863e+05	2.793e+04	0.07	-552.50	0.0	1.791e+04	-7575.12	253.67	-3482.50	4570.73	1.863e+05
		-5.283e+05	4570.73	-2.85e-04	0.0	92.1	1.791e+04	-8127.62	253.67	-3482.50	2.793e+04	-5.283e+05
326	326	8.951e+04	3.567e+04	0.06	-552.50	0.0	2.013e+04	-8147.94	332.48	-5115.90	5340.76	8.951e+04
		-5.865e+05	5340.76	-6.24e-04	0.0	92.1	2.013e+04	-8700.44	332.48	-5115.90	3.567e+04	-5.865e+05
326	327	1.842e+05	2.018e+04	0.09	-552.50	0.0	1.569e+04	-7002.29	174.85	-1849.09	3800.71	1.842e+05
		-4.700e+05	3800.71	4.90e-04	0.0	92.1	1.569e+04	-7554.79	174.85	-1849.09	2.018e+04	-4.700e+05
326	330	9.011e+04	3.659e+04	0.06	-552.50	0.0	2.017e+04	-8144.52	341.81	-5680.00	5299.25	9.011e+04
		-5.863e+05	5299.25	-7.72e-04	0.0	92.1	2.017e+04	-8697.02	341.81	-5680.00	3.659e+04	-5.863e+05
326	331	1.836e+05	1.927e+04	0.09	-552.50	0.0	1.564e+04	-7005.71	165.52	-1285.00	3842.22	1.836e+05
		-4.703e+05	3842.22	6.93e-04	0.0	92.1	1.564e+04	-7558.21	165.52	-1285.00	1.927e+04	-4.703e+05
326	347	1.567e+05	1.330e+04	0.08	-552.50	0.0	1.709e+04	-7427.12	102.74	-194.44	2965.95	1.567e+05
		-5.060e+05	2965.95	1.29e-03	0.0	92.1	1.709e+04	-7979.62	102.74	-194.44	1.330e+04	-5.060e+05
326	354	1.190e+05	4.560e+04	0.07	-552.50	0.0	1.889e+04	-7711.69	435.71	-8650.88	6037.16	1.190e+05
		-5.496e+05	6037.16	-1.87e-03	0.0	92.1	1.889e+04	-8264.19	435.71	-8650.88	4.560e+04	-5.496e+05
326	359	1.609e+05	2.437e+04	0.08	-552.50	0.0	1.681e+04	-7282.39	217.45	-2590.47	4201.92	1.609e+05
		-4.993e+05	4201.92	2.19e-04	0.0	92.1	1.681e+04	-7834.89	217.45	-2590.47	2.437e+04	-4.993e+05
326	362	1.130e+05	3.225e+04	0.07	-552.50	0.0	1.905e+04	-7865.45	297.65	-4586.07	4933.46	1.130e+05
		-5.573e+05	4933.46	-5.16e-04	0.0	92.1	1.905e+04	-8417.95	297.65	-4586.07	3.225e+04	-5.573e+05
326	363	1.607e+05	2.361e+04	0.08	-552.50	0.0	1.677e+04	-7284.78	209.68	-2378.92	4208.00	1.607e+05
		-4.992e+05	4208.00	3.77e-04	0.0	92.1	1.677e+04	-7837.28	209.68	-2378.92	2.361e+04	-4.992e+05
326	379	1.464e+05	2.168e+04	0.08	-552.50	0.0	1.755e+04	-7497.06	188.97	-1602.91	3824.10	1.464e+05
		-5.179e+05	3824.10	4.83e-04	0.0	92.1	1.755e+04	-8049.56	188.97	-1602.91	2.168e+04	-5.179e+05
326	386	1.278e+05	3.672e+04	0.07	-552.50	0.0	1.840e+04	-7645.19	344.26	-6067.24	5297.07	1.278e+05
		-5.389e+05	5297.07	-1.01e-03	0.0	92.1	1.840e+04	-8197.69	344.26	-6067.24	3.672e+04	-5.389e+05
327	49	7.807e+05	1.051e+05	0.35	-745.88	0.0	5.503e+04	-2.646e+04	1152.10	1.326e+05	-1012.24	7.807e+05
		-1.281e+06	-1012.24	-2.33e-03	0.0	92.1	5.503e+04	-2.721e+04	1152.10	1.326e+05	1.051e+05	-1.281e+06
327	58	7.063e+05	1.306e+05	0.16	-552.50	0.0	3.945e+04	-2.119e+04	1668.43	1.206e+05	-2.302e+04	7.063e+05
		-9.161e+05	-2.302e+04	-1.70e-03	0.0	92.1	3.945e+04	-2.174e+04	1668.43	1.206e+05	1.306e+05	-9.161e+05
327	117	1.729e+05	-9040.18	0.13	-745.88	0.0	3.565e+04	-1.436e+04	-322.84	2.874e+04	-9040.18	1.729e+05
		-1.129e+06	-3.877e+04	3.39e-04	0.0	92.1	3.565e+04	-1.511e+04	-322.84	2.874e+04	-3.877e+04	-1.129e+06
327	126	1.486e+05	-3497.07	0.07	-552.50	0.0	1.709e+04	-7360.94	-144.06	4306.23	-3497.07	1.486e+05
		-4.866e+05	-1.676e+04	-4.43e-04	0.0	92.1	1.709e+04	-7913.44	-144.06	4306.23	-1.676e+04	-4.866e+05
327	231	5.279e+05	4.134e+04	0.23	-552.50	0.0	3.412e+04	-1.678e+04	461.53	5.721e+04	-1156.61	5.279e+05
		-7.615e+05	-1156.61	-1.32e-03	0.0	92.1	3.412e+04	-1.733e+04	461.53	5.721e+04	4.134e+04	-7.615e+05
327	235	5.097e+05	5.132e+04	0.11	-552.50	0.0	2.759e+04	-1.499e+04	760.96	4.846e+04	-1.875e+04	5.097e+05
		-6.400e+05	-1.875e+04	-7.28e-04	0.0	92.1	2.759e+04	-1.554e+04	760.96	4.846e+04	5.132e+04	-6.400e+05
327	239	1.041e+05	-3677.10	0.07	-552.50	0.0	1.705e+04	-7580.15	-299.47	108.12	-3677.10	1.041e+05
		-5.637e+05	-3.125e+04	2.52e-04	0.0	92.1	1.705e+04	-8132.65	-299.47	108.12	-3.125e+04	-5.637e+05
327	289	1.314e+05	896.98	0.09	-552.50	0.0	2.605e+04	-1.049e+04	64.74	4.472e+04	-5064.53	1.314e+05
		-8.146e+05	-5064.53	-3.51e-04	0.0	92.1	2.605e+04	-1.104e+04	64.74	4.472e+04	896.98	-8.146e+05
327	300	5.004e+04	-6447.08	0.06	-552.50	0.0	2.029e+04	-7735.72	-419.34	2629.07	-6447.08	5.004e+04
		-6.855e+05	-4.506e+04	5.17e-04	0.0	92.1	2.029e+04	-8288.22	-419.34	2629.07	-4.506e+04	-6.855e+05
327	313	6.686e+04	-6169.83	0.06	-552.50	0.0	1.984e+04	-7707.18	-403.12	3392.84	-6169.83	6.686e+04
		-6.559e+05	-4.329e+04	5.57e-04	0.0	92.1	1.984e+04	-8259.68	-403.12	3392.84	-4.329e+04	-6.559e+05
327	316	4.251e+05	2.058e+04	0.19	-552.50	0.0	3.020e+04	-1.449e+04	248.88	4.404e+04	-2336.13	4.251e+05
		-7.133e+05	-2336.13	-8.10e-04	0.0	92.1	3.020e+04	-1.504e+04	248.88	4.404e+04	2.058e+04	-7.133e+05
327	317	4.114e+05	2.807e+04	0.10	-552.50	0.0	2.530e+04	-1.314e+04	473.45	3.748e+04	-1.553e+04	4.114e+05
		-6.222e+05	-1.553e+04	-3.41e-04	0.0	92.1	2.530e+04	-1.370e+04	473.45	3.748e+04	-6.222e+05	-6.222e+05
327	318	1.072e+05	-4226.50	0.07	-552.50	0.0	1.740e+04	-7590.13	-321.87	1217.56	-4226.50	1.072e+05
		-5.649e+05	-3.387e+04	3.83e-04	0.0	92.1	1.740e+04	-8142.63	-321.87	1217.56	-3.387e+04	-5.649e+05
327	324	1.369e+05	-4570.73	0.07	-552.50	0.0	1.791e+04	-7575.12	-253.67	3482.50	-4570.73	1.369e+05
		-5.283e+05	-2.793e+04	2.85e-04	0.0	92.1	1.791e+04	-8127.62	-253.67	3482.50	-2.793e+04	-5.283e+05
327	333	8.974e+04	-5323.68	0.06	-552.50	0.0	2.017e+04	-8143.64	-330.60	5131.85	-5323.68	8.974e+04
		-5.869e+05	-3.549e+04	6.23e-04	0.0	92.1	2.017e+04	-8696.14	-330.60	5131.85	-3.549e+04	-5.869e+05
327	336	1.840e+05	-3817.79	0.09	-552.50	0.0	1.565e+04	-7006.59	-176.73	1833.15	-3817.79	1.840e+05
		-4.697e+05	-2.037e+04	-4.91e-04	0.0	92.1	1.565e+04	-7559.09	-176.73	1833.15	-2.037e+04	-4.697e+05
327	337	9.011e+04	-5299.25	0.06	-552.50	0.0	2.017e+04	-8144.52	-341.81	5680.00	-5299.25	9.011e+04
		-5.863e+05	-3.659e+04	7.72e-04	0.0	92.1	2.017e+04	-8697.02	-341.81	5680.00	-3.659e+04	-5.863e+05

327	340	1.836e+05	-3842.22	0.09	-552.50	0.0	1.564e+04	-7005.71	-165.52	1285.00	-3842.22	1.836e+05
		-4.703e+05	-1.927e+04	-6.93e-04	0.0	92.1	1.564e+04	-7558.21	-165.52	1285.00	-1.927e+04	-4.703e+05
327	344	1.560e+05	-3022.88	0.08	-552.50	0.0	1.696e+04	-7441.45	-109.00	141.30	-3022.88	1.560e+05
		-5.050e+05	-1.393e+04	-1.29e-03	0.0	92.1	1.696e+04	-7993.95	-109.00	141.30	-1.393e+04	-5.050e+05
327	349	1.190e+05	-6037.16	0.07	-552.50	0.0	1.889e+04	-7711.69	-435.71	8650.88	-6037.16	1.190e+05
		-5.496e+05	-4.560e+04	1.87e-03	0.0	92.1	1.889e+04	-8264.19	-435.71	8650.88	-4.560e+04	-5.496e+05
327	368	1.609e+05	-4201.92	0.08	-552.50	0.0	1.681e+04	-7282.39	-217.45	2590.47	-4201.92	1.609e+05
		-4.993e+05	-2.437e+04	-2.19e-04	0.0	92.1	1.681e+04	-7834.89	-217.45	2590.47	-2.437e+04	-4.993e+05
327	369	1.130e+05	-4933.46	0.07	-552.50	0.0	1.905e+04	-7865.45	-297.65	4586.08	-4933.46	1.130e+05
		-5.573e+05	-3.225e+04	5.16e-04	0.0	92.1	1.905e+04	-8417.95	-297.65	4586.08	-3.225e+04	-5.573e+05
327	372	1.607e+05	-4208.00	0.08	-552.50	0.0	1.677e+04	-7284.78	-209.68	2378.93	-4208.00	1.607e+05
		-4.992e+05	-2.367e+04	-3.77e-04	0.0	92.1	1.677e+04	-7837.28	-209.68	2378.93	-2.367e+04	-4.992e+05
327	376	1.464e+05	-3824.10	0.08	-552.50	0.0	1.755e+04	-7497.06	-188.97	1602.92	-3824.10	1.464e+05
		-5.179e+05	-2.168e+04	-4.83e-04	0.0	92.1	1.755e+04	-8049.56	-188.97	1602.92	-2.168e+04	-5.179e+05
327	381	1.278e+05	-5297.07	0.07	-552.50	0.0	1.840e+04	-7645.19	-344.26	6067.25	-5297.07	1.278e+05
		-5.389e+05	-3.672e+04	1.01e-03	0.0	92.1	1.840e+04	-8197.69	-344.26	6067.25	-3.672e+04	-5.389e+05
328	49	7.933e+05	1.063e+05	0.32	-745.88	0.0	5.016e+04	-2.539e+04	884.06	7.038e+04	2.486e+04	7.933e+05
		-1.134e+06	2.486e+04	-2.35e-03	0.0	92.1	5.016e+04	-2.613e+04	884.06	7.038e+04	1.063e+05	-1.134e+06
328	50	7.336e+05	1.147e+05	0.29	-552.50	0.0	4.296e+04	-2.218e+04	1021.53	8.354e+04	2.061e+04	7.336e+05
		-9.231e+05	2.061e+04	-2.51e-03	0.0	92.1	4.296e+04	-2.273e+04	1021.53	8.354e+04	1.147e+05	-9.231e+05
328	126	1.644e+05	8207.77	0.07	-552.50	0.0	1.716e+04	-7765.35	-105.04	-1.690e+04	8207.77	1.644e+05
		-4.811e+05	-1464.82	-9.82e-05	0.0	92.1	1.716e+04	-8317.85	-105.04	-1.690e+04	-1464.82	-4.811e+05
328	161	2.181e+05	1.336e+04	0.10	-745.88	0.0	2.475e+04	-1.108e+04	-233.53	-3.668e+04	1.336e+04	2.181e+05
		-7.128e+05	-1.876e+04	3.46e-04	-230.67	92.1	2.475e+04	-1.183e+04	-464.20	-3.668e+04	-1.876e+04	-7.128e+05
328	231	5.481e+05	3.908e+04	0.22	-552.50	0.0	3.274e+04	-1.686e+04	266.43	2.087e+04	1.454e+04	5.481e+05
		-7.155e+05	1.454e+04	-1.32e-03	0.0	92.1	3.274e+04	-1.742e+04	266.43	2.087e+04	3.908e+04	-7.155e+05
328	235	5.045e+05	1.678e+04	0.11	-552.50	0.0	2.631e+04	-1.527e+04	-539.57	-3.294e+04	1.678e+04	5.045e+05
		-6.508e+05	-3.291e+04	-4.01e-04	0.0	92.1	2.631e+04	-1.582e+04	-539.57	-3.294e+04	-3.291e+04	-6.508e+05
328	239	1.309e+05	9859.09	0.07	-552.50	0.0	1.754e+04	-8116.37	-179.58	-2.293e+04	9859.09	1.309e+05
		-5.592e+05	-6676.83	3.25e-04	0.0	92.1	1.754e+04	-8668.87	-179.58	-2.293e+04	-6676.83	-5.592e+05
328	263	1.573e+05	1.710e+04	0.09	-552.50	0.0	2.486e+04	-1.063e+04	37.59	-1.135e+04	1.710e+04	1.573e+05
		-7.636e+05	1.364e+04	4.32e-04	0.0	92.1	2.486e+04	-1.118e+04	37.59	-1.135e+04	1.364e+04	-7.636e+05
328	270	1.344e+05	4.387e+04	0.09	-552.50	0.0	2.419e+04	-1.010e+04	319.19	1.178e+04	1.448e+04	1.344e+05
		-7.555e+05	1.448e+04	-3.96e-04	0.0	92.1	2.419e+04	-1.066e+04	319.19	1.178e+04	4.387e+04	-7.555e+05
328	316	4.399e+05	2.850e+04	0.18	-552.50	0.0	2.938e+04	-1.469e+04	162.49	1.038e+04	1.354e+04	4.399e+05
		-6.883e+05	1.354e+04	-7.76e-04	0.0	92.1	2.938e+04	-1.524e+04	162.49	1.038e+04	2.850e+04	-6.883e+05
328	317	4.072e+05	1.521e+04	0.10	-552.50	0.0	2.456e+04	-1.349e+04	-442.01	-2.998e+04	1.521e+04	4.072e+05
		-6.398e+05	-2.549e+04	1.31e-04	0.0	92.1	2.456e+04	-1.404e+04	-442.01	-2.998e+04	-2.549e+04	-6.398e+05
328	318	1.269e+05	1.002e+04	0.07	-552.50	0.0	1.798e+04	-8129.23	-172.01	-2.248e+04	1.002e+04	1.269e+05
		-5.710e+05	-5816.78	5.49e-04	0.0	92.1	1.798e+04	-8681.73	-172.01	-2.248e+04	-5816.78	-5.710e+05
328	324	1.492e+05	9527.16	0.08	-552.50	0.0	1.843e+04	-8129.56	-165.65	-2.178e+04	9527.16	1.492e+05
		-5.424e+05	-5726.69	4.24e-04	0.0	92.1	1.843e+04	-8682.06	-165.65	-2.178e+04	-5726.69	-5.424e+05
328	329	8.194e+04	1.166e+04	0.06	-552.50	0.0	2.085e+04	-7351.26	-140.01	-2.076e+04	1.166e+04	8.194e+04
		-6.107e+05	-2737.01	1.38e-03	0.0	92.1	2.085e+04	-7903.76	-140.01	-2.076e+04	-2737.01	-6.107e+05
328	332	2.164e+05	7392.45	0.09	-552.50	0.0	1.601e+04	-8907.85	-191.29	-2.280e+04	7392.45	2.164e+05
		-4.742e+05	-8716.36	-5.34e-04	0.0	92.1	1.601e+04	-9460.35	-191.29	-2.280e+04	-8716.36	-4.742e+05
328	333	8.498e+04	1.188e+04	0.06	-552.50	0.0	2.080e+04	-7579.56	-141.48	-2.026e+04	1.188e+04	8.498e+04
		-6.092e+05	-2535.15	1.12e-03	0.0	92.1	2.080e+04	-8132.06	-141.48	-2.026e+04	-2535.15	-6.092e+05
328	335	1.846e+05	8221.53	0.09	-552.50	0.0	1.648e+04	-8869.16	-227.46	-2.551e+04	8221.53	1.846e+05
		-4.926e+05	-1.141e+04	5.50e-04	0.0	92.1	1.648e+04	-9421.66	-227.46	-2.551e+04	-1.141e+04	-4.926e+05
328	356	2.235e+05	7700.88	0.08	-552.50	0.0	1.697e+04	-8746.30	-126.19	-1.724e+04	7700.88	2.235e+05
		-4.929e+05	-3411.63	-1.76e-03	0.0	92.1	1.697e+04	-9298.80	-126.19	-1.724e+04	-3411.63	-4.929e+05
328	361	1.151e+05	1.059e+04	0.07	-552.50	0.0	1.964e+04	-7734.19	-152.21	-2.123e+04	1.059e+04	1.151e+05
		-5.766e+05	-4191.52	9.00e-04	0.0	92.1	1.964e+04	-8286.69	-152.21	-2.123e+04	-4191.52	-5.766e+05
328	364	1.833e+05	8459.57	0.08	-552.50	0.0	1.721e+04	-8524.93	-179.10	-2.233e+04	8459.57	1.833e+05
		-5.083e+05	-7261.85	-5.29e-05	0.0	92.1	1.721e+04	-9077.43	-179.10	-2.233e+04	-7261.85	-5.083e+05
328	365	1.174e+05	1.066e+04	0.07	-552.50	0.0	1.961e+04	-7769.66	-154.65	-2.114e+04	1.066e+04	1.174e+05
		-5.758e+05	-4293.67	7.18e-04	0.0	92.1	1.961e+04	-8322.16	-154.65	-2.114e+04	-4293.67	-5.758e+05
328	379	1.357e+05	9961.97	0.08	-552.50	0.0	1.843e+04	-8125.73	-209.12	-2.455e+04	9961.97	1.357e+05
		-5.475e+05	-9148.65	8.83e-04	0.0	92.1	1.843e+04	-8678.23	-209.12	-2.455e+04	-9148.65	-5.475e+05
328	388	1.863e+05	8622.56	0.08	-552.50	0.0	1.770e+04	-8438.48	-146.24	-1.952e+04	8622.56	1.863e+05
		-5.178e+05	-4583.78	-6.61e-04	0.0	92.1	1.770e+04	-8990.98	-146.24	-1.952e+04	-4583.78	-5.178e+05
329	73	7.891e+05	1.069e+05	0.32	-745.88	0.0	5.027e+04	-2.540e+04	890.33	7.053e+04	2.494e+04	7.891e+05
		-1.142e+06	2.494e+04	-2.35e-03	0.0	92.1	5.027e+04	-2.614e+04	890.33	7.053e+04	1.069e+05	-1.142e+06
329	74	7.294e+05	1.153e+05	0.29	-552.50	0.0	4.308e+04	-2.219e+04	1027.80	8.368e+04	2.069e+04	7.294e+05
		-9.305e+05	2.069e+04	-2.50e-03	0.0	92.1	4.308e+04	-2.274e+04	1027.80	8.368e+04	1.153e+05	-9.305e+05
329	124	1.521e+05	8516.56	0.07	-552.50	0.0	1.745e+04	-7765.81	-86.16	-1.641e+04	8516.56	1.521e+05
		-5.008e+05	582.90	-1.09e-04	0.0	92.1	1.745e+04	-8318.31	-86.16	-1.641e+04	582.90	-5.008e+05
329	161	2.082e+05	1.358e+04	0.10	-745.88	0.0	2.502e+04	-1.109e+04	-220.90	-3.651e+04	1.358e+04	2.082e+05
		-7.300e+05	-1.739e+04	3.93e-04	-230.67	92.1	2.502e+04	-1.184e+04	-451.57	-3.651e+04	-1.739e+04	-7.300e+05
329	243	5.458e+05	3.938e+04	0.22	-552.50	0.0	3.280e+04	-1.687e+04	269.29	2.091e+04	1.458e+04	5.458e+05
		-7.196e+05	1.458e+04	-1.31e-03	0.0	92.1	3.280e+04	-1.742e+04	269.29	2.091e+04	3.938e+04	-7.196e+05
329	247	4.956e+05	1.697e+04	0.11	-552.50	0.0	2.655e+04	-1.528e+04	-528.18	-3.279e+04	1.697e+04	4.956e+05
		-6.664e+05	-3.167e+04	-3.57e-04	0.0	92.1	2.655e+04	-1.583e+04	-528.18	-3.279e+04	-3.167e+04	-6.664e+05
329	268	1.554e+05	9384.54	0.08	-552.50	0.0	1.821e+04	-8097.57	-158.75	-2.140e+04	9384.54	1.554e+05
		-5.271e+05	-5233.50	1.21e-04	0.0	92.1	1.821e+04	-8650.07	-158.75	-2.140e+04	-5233.50	-5.271e+05
329	270	1.180e+05	4.652e+04	0.09	-552.50	0.0	2.464e+04	-1.013e+04	344.56	1.231e+04	1.479e+04	1.180e+05

		-7.845e+05	1.479e+04	-4.11e-04	0.0	92.1	2.464e+04	-1.068e+04	344.56	1.231e+04	4.652e+04	-7.845e+05
329	289	1.166e+05	4.270e+04	0.09	-552.50	0.0	2.479e+04	-1.018e+04	345.65	9527.54	1.512e+04	1.166e+05
		-7.918e+05	1.512e+04	4.87e-04	-92.27	92.1	2.479e+04	-1.073e+04	253.38	9527.54	4.270e+04	-7.918e+05
329	310	1.539e+05	9337.00	0.08	-552.50	0.0	1.831e+04	-8125.34	-163.00	-2.191e+04	9337.00	1.539e+05
		-5.326e+05	-5672.96	1.94e-04	0.0	92.1	1.831e+04	-8677.84	-163.00	-2.191e+04	-5672.96	-5.326e+05
329	311	1.085e+05	1.907e+04	0.08	-552.50	0.0	2.169e+04	-8977.02	73.97	-7497.57	1.226e+04	1.085e+05
		-6.901e+05	1.226e+04	6.06e-04	0.0	92.1	2.169e+04	-9529.52	73.97	-7497.57	1.907e+04	-6.901e+05
329	319	4.431e+05	2.807e+04	0.18	-552.50	0.0	2.930e+04	-1.469e+04	158.65	1.035e+04	1.346e+04	4.431e+05
		-6.828e+05	1.346e+04	-7.81e-04	0.0	92.1	2.930e+04	-1.524e+04	158.65	1.035e+04	2.807e+04	-6.828e+05
329	320	4.054e+05	1.525e+04	0.10	-552.50	0.0	2.461e+04	-1.349e+04	-439.45	-2.993e+04	1.525e+04	4.054e+05
		-6.429e+05	-2.522e+04	1.33e-04	0.0	92.1	2.461e+04	-1.405e+04	-439.45	-2.993e+04	-2.522e+04	-6.429e+05
329	324	1.492e+05	9527.11	0.08	-552.50	0.0	1.843e+04	-8129.56	-165.66	-2.178e+04	9527.11	1.492e+05
		-5.424e+05	-5726.92	4.24e-04	0.0	92.1	1.843e+04	-8682.06	-165.66	-2.178e+04	-5726.92	-5.424e+05
329	342	2.220e+05	1.099e+04	0.08	-552.50	0.0	1.634e+04	-7938.99	-275.97	-2.728e+04	1.099e+04	2.220e+05
		-4.672e+05	-1.460e+04	4.74e-04	0.0	92.1	1.634e+04	-8491.49	-275.97	-2.728e+04	-1.460e+04	-4.672e+05
329	343	7.636e+04	8060.50	0.07	-552.50	0.0	2.052e+04	-8320.12	-55.34	-1.628e+04	8060.50	7.636e+04
		-6.177e+05	3149.74	3.73e-04	0.0	92.1	2.052e+04	-8872.62	-55.34	-1.628e+04	3149.74	-6.177e+05
329	344	1.973e+05	1.193e+04	0.08	-552.50	0.0	1.698e+04	-7879.55	-258.17	-2.773e+04	1.193e+04	1.973e+05
		-4.913e+05	-1.211e+04	5.45e-04	0.0	92.1	1.698e+04	-8432.05	-258.17	-2.773e+04	-1.211e+04	-4.913e+05
329	357	1.618e+05	8934.01	0.08	-552.50	0.0	1.802e+04	-8212.48	-189.05	-2.199e+04	8934.01	1.618e+05
		-5.277e+05	-8418.30	5.06e-04	0.0	92.1	1.802e+04	-8764.98	-189.05	-2.199e+04	-8418.30	-5.277e+05
329	358	1.778e+05	8553.97	0.08	-552.50	0.0	1.777e+04	-8144.40	-171.92	-2.083e+04	8553.97	1.778e+05
		-5.169e+05	-7189.06	2.22e-04	0.0	92.1	1.777e+04	-8696.90	-171.92	-2.083e+04	-7189.06	-5.169e+05
329	359	1.206e+05	1.050e+04	0.07	-552.50	0.0	1.909e+04	-8114.71	-159.39	-2.273e+04	1.050e+04	1.206e+05
		-5.680e+05	-4264.77	6.25e-04	0.0	92.1	1.909e+04	-8667.21	-159.39	-2.273e+04	-4264.77	-5.680e+05
329	363	1.222e+05	1.052e+04	0.07	-552.50	0.0	1.906e+04	-8052.75	-159.07	-2.257e+04	1.052e+04	1.222e+05
		-5.668e+05	-4209.08	6.76e-04	0.0	92.1	1.906e+04	-8605.25	-159.07	-2.257e+04	-4209.08	-5.668e+05
329	374	1.820e+05	8658.79	0.08	-552.50	0.0	1.785e+04	-8030.76	-141.56	-1.973e+04	8658.79	1.820e+05
		-5.184e+05	-4301.22	-7.63e-05	0.0	92.1	1.785e+04	-8583.26	-141.56	-1.973e+04	-4301.22	-5.184e+05
330	73	7.772e+05	1.045e+05	0.35	-745.88	0.0	5.512e+04	-2.647e+04	1146.54	1.326e+05	-1084.80	7.772e+05
		-1.287e+06	-1084.80	-2.33e-03	0.0	92.1	5.512e+04	-2.721e+04	1146.54	1.326e+05	1.045e+05	-1.287e+06
330	82	6.938e+05	1.283e+05	0.15	-552.50	0.0	3.980e+04	-2.122e+04	1646.06	1.207e+05	-2.325e+04	6.938e+05
		-9.390e+05	-2.325e+04	-1.67e-03	0.0	92.1	3.980e+04	-2.177e+04	1646.06	1.207e+05	1.283e+05	-9.390e+05
330	111	2.310e+05	-7283.38	0.12	-745.88	0.0	2.974e+04	-1.269e+04	-350.79	6659.75	-7283.38	2.310e+05
		-8.730e+05	-3.958e+04	-4.13e-04	0.0	92.1	2.974e+04	-1.344e+04	-350.79	6659.75	-3.958e+04	-8.730e+05
330	124	1.360e+05	-3602.29	0.07	-552.50	0.0	1.742e+04	-7376.13	-158.83	4654.85	-3602.29	1.360e+05
		-5.085e+05	-1.823e+04	-4.65e-04	0.0	92.1	1.742e+04	-7928.63	-158.83	4654.85	-1.823e+04	-5.085e+05
330	231	5.327e+04	-6258.80	0.06	-552.50	0.0	2.021e+04	-7728.26	-408.60	2745.26	-6258.80	5.327e+04
		-6.794e+05	-4.388e+04	4.83e-04	0.0	92.1	2.021e+04	-8280.76	-408.60	2745.26	-4.388e+04	-6.794e+05
330	243	5.261e+05	4.093e+04	0.23	-552.50	0.0	3.416e+04	-1.678e+04	457.56	5.722e+04	-1206.72	5.261e+05
		-7.647e+05	-1206.72	-1.31e-03	0.0	92.1	3.416e+04	-1.733e+04	457.56	5.722e+04	4.093e+04	-7.647e+05
330	247	5.012e+05	4.964e+04	0.11	-552.50	0.0	2.782e+04	-1.500e+04	744.54	4.851e+04	-1.892e+04	5.012e+05
		-6.556e+05	-1.892e+04	-7.06e-04	0.0	92.1	2.782e+04	-1.555e+04	744.54	4.851e+04	4.964e+04	-6.556e+05
330	268	1.374e+05	-4011.55	0.07	-552.50	0.0	1.787e+04	-7557.48	-204.10	3664.43	-4011.55	1.374e+05
		-5.245e+05	-2.281e+04	-3.33e-04	0.0	92.1	1.787e+04	-8109.98	-204.10	3664.43	-2.281e+04	-5.245e+05
330	289	1.170e+05	-1511.07	0.09	-552.50	0.0	2.645e+04	-1.052e+04	42.27	4.513e+04	-5403.42	1.170e+05
		-8.410e+05	-5403.42	-3.88e-04	0.0	92.1	2.645e+04	-1.107e+04	42.27	4.513e+04	-1511.07	-8.410e+05
330	310	1.374e+05	-4267.76	0.07	-552.50	0.0	1.790e+04	-7571.88	-221.18	3139.93	-4267.76	1.374e+05
		-5.262e+05	-2.464e+04	-2.68e-04	0.0	92.1	1.790e+04	-8124.38	-221.18	3139.93	-2.464e+04	-5.262e+05
330	316	7.383e+04	-6064.89	0.07	-552.50	0.0	1.964e+04	-7692.23	-394.15	3190.51	-6064.89	7.383e+04
		-6.431e+05	-4.236e+04	5.46e-04	0.0	92.1	1.964e+04	-8244.73	-394.15	3190.51	-4.236e+04	-6.431e+05
330	319	4.285e+05	2.125e+04	0.19	-552.50	0.0	3.011e+04	-1.448e+04	255.47	4.405e+04	-2275.83	4.285e+05
		-7.071e+05	-2275.83	-8.14e-04	0.0	92.1	3.011e+04	-1.503e+04	255.47	4.405e+04	2.125e+04	-7.071e+05
330	320	4.098e+05	2.778e+04	0.10	-552.50	0.0	2.535e+04	-1.315e+04	470.70	3.751e+04	-1.556e+04	4.098e+05
		-6.252e+05	-1.556e+04	-3.38e-04	0.0	92.1	2.535e+04	-1.370e+04	470.70	3.751e+04	2.778e+04	-6.252e+05
330	324	1.369e+05	-4570.71	0.07	-552.50	0.0	1.791e+04	-7575.11	-253.66	3482.50	-4570.71	1.369e+05
		-5.283e+05	-2.793e+04	2.85e-04	0.0	92.1	1.791e+04	-8127.61	-253.66	3482.50	-2.793e+04	-5.283e+05
330	326	1.788e+05	-2943.55	0.08	-552.50	0.0	1.677e+04	-7511.97	-188.97	864.42	-2943.55	1.788e+05
		-4.861e+05	-2.113e+04	2.68e-04	0.0	92.1	1.677e+04	-8064.47	-188.97	864.42	-2.113e+04	-4.861e+05
330	327	9.494e+04	-6197.86	0.07	-552.50	0.0	1.905e+04	-7638.26	-318.35	6100.58	-6197.86	9.494e+04
		-5.705e+05	-3.473e+04	3.09e-04	0.0	92.1	1.905e+04	-8190.76	-318.35	6100.58	-3.473e+04	-5.705e+05
330	342	1.611e+05	-1169.67	0.07	-552.50	0.0	1.720e+04	-7596.81	-108.56	-2585.20	-1169.67	1.611e+05
		-5.042e+05	-1.364e+04	3.40e-04	0.0	92.1	1.720e+04	-8149.31	-108.56	-2585.20	-1.364e+04	-5.042e+05
330	347	1.130e+05	-7963.50	0.07	-552.50	0.0	1.861e+04	-7553.27	-405.04	9594.56	-7963.50	1.130e+05
		-5.519e+05	-4.279e+04	-4.10e-04	0.0	92.1	1.861e+04	-8105.77	-405.04	9594.56	-4.279e+04	-5.519e+05
330	358	1.567e+05	-4011.79	0.07	-552.50	0.0	1.739e+04	-7540.30	-225.22	2557.32	-4011.79	1.567e+05
		-5.085e+05	-2.480e+04	1.95e-04	0.0	92.1	1.739e+04	-8092.80	-225.22	2557.32	-2.480e+04	-5.085e+05
330	359	1.170e+05	-5129.62	0.07	-552.50	0.0	1.843e+04	-7609.92	-282.11	4407.67	-5129.62	1.170e+05
		-5.480e+05	-3.106e+04	3.82e-04	0.0	92.1	1.843e+04	-8162.42	-282.11	4407.67	-3.106e+04	-5.480e+05
330	374	1.452e+05	-3718.87	0.07	-552.50	0.0	1.773e+04	-7573.65	-194.17	1726.85	-3718.87	1.452e+05
		-5.208e+05	-2.169e+04	-4.38e-04	0.0	92.1	1.773e+04	-8126.15	-194.17	1726.85	-2.169e+04	-5.208e+05
330	379	1.288e+05	-5418.44	0.07	-552.50	0.0	1.808e+04	-7576.50	-316.30	5260.40	-5418.44	1.288e+05
		-5.356e+05	-3.445e+04	5.82e-04	0.0	92.1	1.808e+04	-8129.00	-316.30	5260.40	-3.445e+04	-5.356e+05
331	73	8.505e+05	2.016e+05	0.38	-745.88	0.0	6.103e+04	-2.973e+04	1987.81	1.128e+05	1.860e+04	8.505e+05
		-1.485e+06	1.860e+04	-2.90e-03	0.0	92.1	6.103e+04	-3.047e+04	1987.81	1.128e+05	2.016e+05	-1.485e+06
331	81	8.878e+05	5.173e+04	0.20	-745.88	0.0	5.261e+04	-2.828e+04	203.87	6797.39	3.296e+04	8.878e+05
		-1.322e+06	3.296e+04	-1.13e-03	0.0	92.1	5.261e+04	-2.903e+04	203.87	6797.39	5.173e+04	-1.322e+06

331	162	1.344e+05	2.815e+04	0.07	-552.50	0.0	1.745e+04	-7385.86	256.69	-5687.10	4515.17	1.344e+05
		-5.147e+05	4515.17	-4.09e-04	0.0	92.1	1.745e+04	-7938.36	256.69	-5687.10	2.815e+04	-5.147e+05
331	206	1.352e+05	2.593e+04	0.07	-552.50	0.0	1.748e+04	-7402.60	233.38	-4384.26	4443.05	1.352e+05
		-5.141e+05	4443.05	-2.66e-04	0.0	92.1	1.748e+04	-7955.10	233.38	-4384.26	2.593e+04	-5.141e+05
331	243	5.447e+05	9.740e+04	0.25	-552.50	0.0	3.595e+04	-1.775e+04	961.02	5.264e+04	8909.72	5.447e+05
		-8.286e+05	8909.72	-1.52e-03	0.0	92.1	3.595e+04	-1.830e+04	961.02	5.264e+04	9.740e+04	-8.286e+05
331	247	5.723e+05	1.954e+04	0.11	-552.50	0.0	2.972e+04	-1.668e+04	-360.42	-2.592e+04	1.954e+04	5.723e+05
		-7.075e+05	-1.365e+04	-2.88e-04	0.0	92.1	2.972e+04	-1.723e+04	-360.42	-2.592e+04	-1.365e+04	-7.075e+05
331	270	1.526e+05	9.591e+04	0.10	-552.50	0.0	2.902e+04	-1.196e+04	921.67	2.673e+04	1.104e+04	1.526e+05
		-9.250e+05	1.104e+04	-1.26e-03	0.0	92.1	2.902e+04	-1.251e+04	921.67	2.673e+04	9.591e+04	-9.250e+05
331	287	1.364e+05	2.939e+04	0.07	-552.50	0.0	1.789e+04	-7563.93	269.06	-4349.54	4617.44	1.364e+05
		-5.286e+05	4617.44	-3.78e-04	0.0	92.1	1.789e+04	-8116.43	269.06	-4349.54	2.939e+04	-5.286e+05
331	309	1.369e+05	2.793e+04	0.07	-552.50	0.0	1.791e+04	-7575.11	253.66	-3482.48	4570.71	1.369e+05
		-5.283e+05	4570.71	-2.85e-04	0.0	92.1	1.791e+04	-8127.61	253.66	-3482.48	2.793e+04	-5.283e+05
331	319	4.432e+05	7.756e+04	0.20	-552.50	0.0	3.143e+04	-1.520e+04	759.75	3.886e+04	7598.67	4.432e+05
		-7.519e+05	7598.67	-1.09e-03	0.0	92.1	3.143e+04	-1.576e+04	759.75	3.886e+04	7.756e+04	-7.519e+05
331	320	4.639e+05	1.557e+04	0.10	-552.50	0.0	2.676e+04	-1.440e+04	-231.33	-2.006e+04	1.557e+04	4.639e+05
		-6.610e+05	-5730.35	-1.24e-04	0.0	92.1	2.676e+04	-1.495e+04	-231.33	-2.006e+04	-5730.35	-6.610e+05
331	324	1.369e+05	2.793e+04	0.07	-552.50	0.0	1.791e+04	-7575.11	253.66	-3482.48	4570.71	1.369e+05
		-5.283e+05	4570.71	-2.85e-04	0.0	92.1	1.791e+04	-8127.61	253.66	-3482.48	2.793e+04	-5.283e+05
331	333	1.788e+05	2.103e+04	0.08	-552.50	0.0	1.678e+04	-7508.01	188.01	-861.61	2932.97	1.788e+05
		-4.861e+05	2932.97	-2.67e-04	0.0	92.1	1.678e+04	-8060.51	188.01	-861.61	2.103e+04	-4.861e+05
331	336	9.493e+04	3.482e+04	0.07	-552.50	0.0	1.904e+04	-7642.21	319.31	-6103.36	6208.44	9.493e+04
		-5.704e+05	6208.44	-3.10e-04	0.0	92.1	1.904e+04	-8194.71	319.31	-6103.36	3.482e+04	-5.704e+05
331	344	1.130e+05	4.310e+04	0.07	-552.50	0.0	1.858e+04	-7566.46	408.23	-9603.86	7998.77	1.130e+05
		-5.518e+05	7998.77	4.10e-04	0.0	92.1	1.858e+04	-8118.96	408.23	-9603.86	4.310e+04	-5.518e+05
331	345	1.611e+05	1.333e+04	0.07	-552.50	0.0	1.723e+04	-7583.62	105.37	2594.53	1134.40	1.611e+05
		-5.044e+05	1134.40	-3.37e-04	0.0	92.1	1.723e+04	-8136.12	105.37	2594.53	1.333e+04	-5.044e+05
331	365	1.567e+05	2.480e+04	0.07	-552.50	0.0	1.739e+04	-7540.30	225.22	-2557.30	4011.79	1.567e+05
		-5.085e+05	4011.79	-1.95e-04	0.0	92.1	1.739e+04	-8092.80	225.22	-2557.30	2.480e+04	-5.085e+05
331	368	1.170e+05	3.106e+04	0.07	-552.50	0.0	1.843e+04	-7609.92	282.11	-4407.66	5129.62	1.170e+05
		-5.480e+05	5129.62	-3.82e-04	0.0	92.1	1.843e+04	-8162.42	282.11	-4407.66	3.106e+04	-5.480e+05
331	376	1.288e+05	3.445e+04	0.07	-552.50	0.0	1.808e+04	-7576.50	316.30	-5260.39	5418.44	1.288e+05
		-5.356e+05	5418.44	-5.82e-04	0.0	92.1	1.808e+04	-8129.00	316.30	-5260.39	3.445e+04	-5.356e+05
331	377	1.452e+05	2.169e+04	0.07	-552.50	0.0	1.773e+04	-7573.65	194.17	-1726.83	3718.87	1.452e+05
		-5.208e+05	3718.87	4.38e-04	0.0	92.1	1.773e+04	-8126.15	194.17	-1726.83	2.169e+04	-5.208e+05
332	73	9.001e+05	1.310e+05	0.42	-745.88	0.0	6.691e+04	-3.346e+04	1631.59	1.598e+05	-1.925e+04	9.001e+05
		-1.675e+06	-1.925e+04	-2.54e-03	0.0	92.1	6.691e+04	-3.420e+04	1631.59	1.598e+05	1.310e+05	-1.675e+06
332	81	9.532e+05	1.255e+05	0.22	-745.88	0.0	5.666e+04	-3.197e+04	1713.64	1.270e+05	-3.231e+04	9.532e+05
		-1.506e+06	-3.231e+04	-1.80e-03	0.0	92.1	5.666e+04	-3.271e+04	1713.64	1.270e+05	1.255e+05	-1.506e+06
332	206	1.427e+05	157.54	0.07	-552.50	0.0	1.778e+04	-7813.82	96.54	1.697e+04	-8731.69	1.427e+05
		-5.239e+05	-8731.69	-4.15e-04	0.0	92.1	1.778e+04	-8366.32	96.54	1.697e+04	157.54	-5.239e+05
332	243	5.816e+05	7.074e+04	0.26	-552.50	0.0	3.859e+04	-1.974e+04	892.88	8.283e+04	-1.148e+04	5.816e+05
		-9.117e+05	-1.148e+04	-1.34e-03	0.0	92.1	3.859e+04	-2.029e+04	892.88	8.283e+04	7.074e+04	-9.117e+05
332	247	6.209e+05	6.666e+04	0.12	-552.50	0.0	3.100e+04	-1.863e+04	953.65	5.854e+04	-2.115e+04	6.209e+05
		-7.868e+05	-2.115e+04	-7.98e-04	0.0	92.1	3.100e+04	-1.918e+04	953.65	5.854e+04	6.666e+04	-7.868e+05
332	270	1.578e+05	2.448e+04	0.11	-552.50	0.0	3.142e+04	-1.328e+04	375.61	5.750e+04	-1.435e+04	1.578e+05
		-1.006e+06	-1.435e+04	-1.48e-03	92.27	92.1	3.142e+04	-1.383e+04	467.88	5.750e+04	2.448e+04	-1.006e+06
332	287	1.460e+05	5341.45	0.08	-552.50	0.0	1.844e+04	-8106.00	164.05	2.113e+04	-9764.78	1.460e+05
		-5.468e+05	-9764.78	-5.80e-04	0.0	92.1	1.844e+04	-8658.50	164.05	2.113e+04	5.444e+04	-5.468e+05
332	309	1.492e+05	5726.94	0.08	-552.50	0.0	1.843e+04	-8129.56	165.66	2.178e+04	-9527.11	1.492e+05
		-5.424e+05	-9527.11	-4.24e-04	0.0	92.1	1.843e+04	-8682.06	165.66	2.178e+04	5726.94	-5.424e+05
332	319	4.770e+05	5.444e+04	0.22	-552.50	0.0	3.347e+04	-1.683e+04	709.00	6.766e+04	-1.085e+04	4.770e+05
		-8.121e+05	-1.085e+04	-9.53e-04	0.0	92.1	3.347e+04	-1.738e+04	709.00	6.766e+04	5.444e+04	-8.121e+05
332	320	5.065e+05	5.138e+04	0.11	-552.50	0.0	2.777e+04	-1.600e+04	754.58	4.944e+04	-1.810e+04	5.065e+05
		-7.184e+05	-1.810e+04	-5.50e-04	0.0	92.1	2.777e+04	-1.656e+04	754.58	4.944e+04	5.138e+04	-7.184e+05
332	324	1.492e+05	5726.94	0.08	-552.50	0.0	1.843e+04	-8129.56	165.66	2.178e+04	-9527.11	1.492e+05
		-5.424e+05	-9527.11	-4.24e-04	0.0	92.1	1.843e+04	-8682.06	165.66	2.178e+04	5726.94	-5.424e+05
332	345	2.219e+05	1.472e+04	0.08	-552.50	0.0	1.629e+04	-7983.33	276.62	2.736e+04	-1.089e+04	2.219e+05
		-4.655e+05	-1.089e+04	-4.66e-04	0.0	92.1	1.629e+04	-8535.83	276.62	2.736e+04	1.472e+04	-4.655e+05
332	347	1.971e+05	1.223e+04	0.08	-552.50	0.0	1.693e+04	-7923.90	258.82	2.781e+04	-1.183e+04	1.971e+05
		-4.896e+05	-1.183e+04	-5.37e-04	0.0	92.1	1.693e+04	-8476.40	258.82	2.781e+04	1.223e+04	-4.896e+05
332	348	7.650e+04	-3266.38	0.07	-552.50	0.0	2.057e+04	-8275.78	54.69	1.619e+04	-8165.52	7.650e+04
		-6.194e+05	-8165.52	-3.81e-04	0.0	92.1	2.057e+04	-8828.28	54.69	1.619e+04	-3266.38	-6.194e+05
332	365	1.778e+05	7189.09	0.08	-552.50	0.0	1.777e+04	-8144.40	171.93	2.083e+04	-8553.97	1.778e+05
		-5.169e+05	-8553.97	-2.22e-04	0.0	92.1	1.777e+04	-8696.90	171.93	2.083e+04	7189.09	-5.169e+05
332	366	1.618e+05	8418.32	0.08	-552.50	0.0	1.802e+04	-8212.48	189.05	2.199e+04	-8934.00	1.618e+05
		-5.277e+05	-8934.00	-5.06e-04	0.0	92.1	1.802e+04	-8764.98	189.05	2.199e+04	8418.32	-5.277e+05
332	368	1.206e+05	4264.79	0.07	-552.50	0.0	1.909e+04	-8114.71	159.39	2.273e+04	-1.050e+04	1.206e+05
		-5.680e+05	-1.050e+04	-6.25e-04	0.0	92.1	1.909e+04	-8667.21	159.39	2.273e+04	4264.79	-5.680e+05
332	372	1.222e+05	4209.09	0.07	-552.50	0.0	1.906e+04	-8052.75	159.07	2.257e+04	-1.052e+04	1.222e+05
		-5.668e+05	-1.052e+04	-6.76e-04	0.0	92.1	1.906e+04	-8605.25	159.07	2.257e+04	4209.09	-5.668e+05
332	377	1.820e+05	4301.24	0.08	-552.50	0.0	1.785e+04	-8030.76	141.56	1.973e+04	-8658.79	1.820e+05
		-5.184e+05	-8658.79	7.63e-05	0.0	92.1	1.785e+04	-8583.26	141.56	1.973e+04	4301.24	-5.184e+05
333	97	1.160e+06	1.471e+05	0.41	-745.88	0.0	7.490e+04	-3.875e+04	1811.68	1.695e+05	-1.970e+04	1.160e+06
		-1.748e+06	-1.970e+04	-2.45e-03	0.0	92.1	7.490e+04	-3.950e+04	1811.68	1.695e+05	1.471e+05	-1.748e+06
333	127	1.604e+05	2.270e+04	0.15	-745.88	0.0	4.416e+04	-1.810e+04	395.69	7.477e+04	-2.011e+04	1.604e+05

		-1.460e+06-2.011e+04	-1.84e-03	138.40	92.1	4.416e+04-1.885e+04	534.10	7.477e+04	2.270e+04-1.460e+06			
333	206	1.427e+05	157.17	0.07	-552.50	0.0	1.778e+04	-7813.82	96.53	1.697e+04	-8731.71	1.427e+05
		-5.239e+05	-8731.71	-4.15e-04	0.0	92.1	1.778e+04	-8366.32	96.53	1.697e+04	157.17	-5.239e+05
333	255	7.754e+05	8.300e+04	0.26	-552.50	0.0	4.447e+04-2.365e+04	1029.44	9.012e+04-1.180e+04	7.754e+05		
		-9.634e+05-1.180e+04	-1.29e-03	0.0	92.1	4.447e+04-2.421e+04	1029.44	9.012e+04	8.300e+04-9.634e+05			
333	259	2.570e+04-1.173e+04	0.06	-552.50	0.0	2.194e+04	-8352.28	-45.69	1.603e+04-1.173e+04	2.570e+04		
		-7.648e+05-1.594e+04	-7.34e-04	0.0	92.1	2.194e+04	-8904.78	-45.69	1.603e+04-1.594e+04	-7.648e+05		
333	270	1.193e+05	1.586e+04	0.11	-552.50	0.0	3.260e+04-1.337e+04	286.09	5.459e+04-1.473e+04	1.193e+05		
		-1.077e+06-1.473e+04	-1.32e-03	92.27	92.1	3.260e+04-1.392e+04	378.36	5.459e+04	1.586e+04-1.077e+06			
333	287	1.401e+05	4563.39	0.07	-552.50	0.0	1.860e+04	-8113.05	157.24	2.106e+04	-9915.33	1.401e+05
		-5.569e+05	-9915.33	-6.20e-04	0.0	92.1	1.860e+04	-8665.55	157.24	2.106e+04	4563.39	-5.569e+05
333	309	2.692e+05	5726.55	0.08	-552.50	0.0	1.843e+04	-8129.56	165.65	2.178e+04	-9527.13	2.692e+05
		-5.424e+05	-9527.13	-4.24e-04	0.0	92.1	1.843e+04	-8682.06	165.65	2.178e+04	5726.55	-5.424e+05
333	311	1.052e+05	2166.78	0.09	-552.50	0.0	2.499e+04-1.027e+04	153.56	3.240e+04-1.197e+04	1.052e+05		
		-8.116e+05-1.197e+04	-6.97e-04	0.0	92.1	2.499e+04-1.083e+04	153.56	3.240e+04	2166.78	-8.116e+05		
333	322	6.265e+05	6.413e+04	0.22	-552.50	0.0	3.777e+04-1.977e+04	815.64	7.315e+04-1.097e+04	6.265e+05		
		-8.438e+05-1.097e+04	-9.02e-04	0.0	92.1	3.777e+04-2.032e+04	815.64	7.315e+04	6.413e+04-8.438e+05			
333	324	1.492e+05	5726.55	0.08	-552.50	0.0	1.843e+04	-8129.56	165.65	2.178e+04	-9527.13	1.492e+05
		-5.424e+05	-9527.13	-4.24e-04	0.0	92.1	1.843e+04	-8682.06	165.65	2.178e+04	5726.55	-5.424e+05
333	328	2.692e+04	1191.69	0.06	-552.50	0.0	2.237e+04	-7356.88	160.56	2.443e+04-1.442e+04	2.692e+04	
		-6.745e+05-1.442e+04	-2.42e-03	0.0	92.1	2.237e+04	-7909.38	160.56	2.443e+04	1191.69	-6.745e+05	
333	333	2.720e+05	1.110e+04	0.09	-552.50	0.0	1.444e+04	-8907.16	179.14	1.920e+04	-4643.91	2.720e+05
		-4.088e+05	-4643.91	1.02e-03	0.0	92.1	1.444e+04	-9459.66	179.14	1.920e+04	1.110e+04	-4.088e+05
333	336	2.637e+04	353.69	0.06	-552.50	0.0	2.242e+04	-7351.97	152.16	2.436e+04-1.441e+04	2.637e+04	
		-6.761e+05-1.441e+04	-1.87e-03	0.0	92.1	2.242e+04	-7904.47	152.16	2.436e+04	353.69	-6.761e+05	
333	346	1.096e+05	2.357e+04	0.08	-552.50	0.0	1.822e+04	-7825.92	373.80	3.978e+04-1.096e+04	1.096e+05	
		-5.459e+05-1.096e+04	-4.03e-03	0.0	92.1	1.822e+04	-8378.42	373.80	3.978e+04	2.357e+04	-5.459e+05	
333	364	9.195e+04	1826.81	0.07	-552.50	0.0	2.032e+04	-7756.31	143.79	2.118e+04-1.180e+04	9.195e+04	
		-6.047e+05-1.180e+04	-1.03e-03	0.0	92.1	2.032e+04	-8308.81	143.79	2.118e+04	1826.81	-6.047e+05	
333	365	2.069e+05	1.010e+04	0.08	-552.50	0.0	1.650e+04	-8490.79	192.75	2.266e+04	-7295.50	2.069e+05
		-4.782e+05	-7295.50	7.85e-05	0.0	92.1	1.650e+04	-9043.29	192.75	2.266e+04	1.010e+04	-4.782e+05
333	368	9.143e+04	1356.93	0.07	-552.50	0.0	2.036e+04	-7768.33	138.56	2.089e+04-1.176e+04	9.143e+04	
		-6.067e+05-1.176e+04	-9.26e-04	0.0	92.1	2.036e+04	-8320.83	138.56	2.089e+04	1356.93	-6.067e+05	
333	370	1.943e+05	1.130e+04	0.08	-552.50	0.0	1.662e+04	-8396.81	210.09	2.379e+04	-7705.96	1.943e+05
		-4.837e+05	-7705.96	-4.20e-04	0.0	92.1	1.662e+04	-8949.31	210.09	2.379e+04	1.130e+04	-4.837e+05
334	89	6.249e+05	1.867e+05	0.33	-745.88	0.0	5.394e+04-2.518e+04	1830.84	9.490e+04	1.811e+04	6.249e+05	
		-1.422e+06	1.811e+04	-2.60e-03	0.0	92.1	5.394e+04-2.592e+04	1830.84	9.490e+04	1.867e+05-1.422e+06		
334	97	1.091e+06	1.837e+05	0.38	-745.88	0.0	6.847e+04-3.453e+04	1835.57	1.015e+05	1.467e+04	1.091e+06	
		-1.548e+06	1.467e+04	-2.68e-03	0.0	92.1	6.847e+04-3.528e+04	1835.57	1.015e+05	1.837e+05-1.548e+06		
334	206	1.352e+05	2.593e+04	0.07	-552.50	0.0	1.748e+04	-7402.60	233.39	-4384.30	4443.10	1.352e+05
		-5.141e+05	4443.10	-2.66e-04	0.0	92.1	1.748e+04	-7955.10	233.39	-4384.30	2.593e+04-5.141e+05	
334	255	7.236e+05	8.399e+04	0.24	-552.50	0.0	4.144e+04-2.131e+04	847.60	4.430e+04	5945.43	7.236e+05	
		-8.733e+05	5945.43	-1.37e-03	0.0	92.1	4.144e+04-2.186e+04	847.60	4.430e+04	8.399e+04-8.733e+05		
334	270	1.286e+05	9.882e+04	0.10	-552.50	0.0	2.971e+04-1.203e+04	937.96	2.364e+04	1.245e+04	1.286e+05	
		-9.719e+05	1.245e+04	-1.13e-03	0.0	92.1	2.971e+04-1.258e+04	937.96	2.364e+04	9.882e+04-9.719e+05		
334	287	1.302e+05	3.053e+04	0.07	-552.50	0.0	1.806e+04	-7575.34	280.55	-4323.12	4690.84	1.302e+05
		-5.397e+05	4690.84	-4.00e-04	0.0	92.1	1.806e+04	-8127.84	280.55	-4323.12	3.053e+04-5.397e+05	
334	309	1.369e+05	2.793e+04	0.07	-552.50	0.0	1.791e+04	-7575.11	253.66	-3482.53	4570.76	1.369e+05
		-5.283e+05	4570.76	-2.85e-04	0.0	92.1	1.791e+04	-8127.61	253.66	-3482.53	2.793e+04-5.283e+05	
334	310	1.367e+05	3.126e+04	0.07	-552.50	0.0	1.791e+04	-7576.70	287.19	-3662.46	4813.00	1.367e+05
		-5.296e+05	4813.00	-4.51e-04	0.0	92.1	1.791e+04	-8129.20	287.19	-3662.46	3.126e+04-5.296e+05	
334	321	3.231e+05	6.832e+04	0.18	-552.50	0.0	2.735e+04-1.267e+04	663.17	2.891e+04	7248.89	3.231e+05	
		-7.075e+05	7248.89	-9.03e-04	0.0	92.1	2.735e+04-1.322e+04	663.17	2.891e+04	6.832e+04-7.075e+05		
334	322	5.819e+05	6.664e+04	0.20	-552.50	0.0	3.543e+04-1.786e+04	665.80	3.255e+04	5335.27	5.819e+05	
		-7.773e+05	5335.27	-9.50e-04	0.0	92.1	3.543e+04-1.841e+04	665.80	3.255e+04	6.664e+04-7.773e+05		
334	324	1.369e+05	2.793e+04	0.07	-552.50	0.0	1.791e+04	-7575.11	253.66	-3482.53	4570.76	1.369e+05
		-5.283e+05	4570.76	-2.85e-04	0.0	92.1	1.791e+04	-8127.61	253.66	-3482.53	2.793e+04-5.283e+05	
334	334	2.337e+05	2.675e+04	0.09	-552.50	0.0	1.411e+04	-6972.34	253.96	4127.59	3951.59	2.337e+05
		-4.086e+05	3951.59	-1.38e-03	0.0	92.1	1.411e+04	-7524.84	253.96	4127.59	2.675e+04-4.086e+05	
334	335	4.004e+04	2.911e+04	0.06	-552.50	0.0	2.170e+04	-8177.88	253.37	-1.109e+04	5189.92	4.004e+04
		-6.479e+05	5189.92	1.51e-03	0.0	92.1	2.170e+04	-8730.38	253.37	-1.109e+04	2.911e+04-6.479e+05	
334	341	1.574e+05	1639.69	0.08	-552.50	0.0	1.744e+04	-7507.25	-68.65	-2.097e+04	1639.69	1.574e+05
		-5.048e+05	-2716.07	3.58e-03	0.0	92.1	1.744e+04	-8059.75	-68.65	-2.097e+04	-2716.07	-5.048e+05
334	344	1.163e+05	5.857e+04	0.07	-552.50	0.0	1.838e+04	-7642.98	575.98	1.400e+04	7501.82	1.163e+05
		-5.517e+05	7501.82	-3.46e-03	0.0	92.1	1.838e+04	-8195.48	575.98	1.400e+04	5.857e+04-5.517e+05	
334	366	1.854e+05	2.589e+04	0.08	-552.50	0.0	1.606e+04	-7280.75	239.43	-1956.97	3750.81	1.854e+05
		-4.692e+05	3750.81	-5.75e-04	0.0	92.1	1.606e+04	-7833.25	239.43	-1956.97	2.589e+04-4.692e+05	
334	367	8.837e+04	2.997e+04	0.07	-552.50	0.0	1.976e+04	-7869.48	267.90	-5008.09	5390.70	8.837e+04
		-5.874e+05	5390.70	5.70e-04	0.0	92.1	1.976e+04	-8421.98	267.90	-5008.09	2.997e+04-5.874e+05	
334	376	1.256e+05	3.846e+04	0.07	-552.50	0.0	1.832e+04	-7651.89	367.21	-2351.70	4339.38	1.256e+05
		-5.428e+05	4339.38	-1.09e-03	0.0	92.1	1.832e+04	-8204.39	367.21	-2351.70	3.846e+04-5.428e+05	
335	97	9.832e+05	1.299e+05	0.35	-745.88	0.0	6.146e+04-3.053e+04	1399.45	1.481e+05	991.63	9.832e+05	
		-1.337e+06	991.63	-2.67e-03	0.0	92.1	6.146e+04-3.128e+04	1399.45	1.481e+05	1.299e+05-1.337e+06		
335	98	9.334e+05	1.419e+05	0.32	-552.50	0.0	5.470e+04-2.768e+04	1511.55	1.479e+05	2738.20	9.334e+05	
		-1.136e+06	2738.20	-2.77e-03	0.0	92.1	5.470e+04-2.823e+04	1511.55	1.479e+05	1.419e+05-1.136e+06		
335	111	2.209e+05	-7547.12	0.12	-745.88	0.0	3.002e+04-1.271e+04	-365.46	7030.24	-7547.12	2.209e+05	
		-8.915e+05-4.120e+04	-4.45e-04	0.0	92.1	3.002e+04-1.346e+04	-365.46	7030.24	-4.120e+04-8.915e+05			

335	206	1.352e+05	-4443.10	0.07	-552.50	0.0	1.748e+04	-7402.60	-233.39	4384.32	-4443.10	1.352e+05
		-5.141e+05	-2.593e+04	2.66e-04	0.0	92.1	1.748e+04	-7955.10	-233.39	4384.32	-2.593e+04	-5.141e+05
335	243	4.684e+04	-6438.15	0.06	-552.50	0.0	2.039e+04	-7741.56	-417.94	3010.43	-6438.15	4.684e+04
		-6.912e+05	-4.492e+04	4.83e-04	0.0	92.1	2.039e+04	-8294.06	-417.94	3010.43	-4.492e+04	-6.912e+05
335	255	6.792e+05	5.987e+04	0.23	-552.50	0.0	3.884e+04	-1.979e+04	646.76	6.873e+04	309.88	6.792e+05
		-8.008e+05	309.88	-1.56e-03	0.0	92.1	3.884e+04	-2.034e+04	646.76	6.873e+04	5.987e+04	-8.008e+05
335	268	1.306e+05	-4206.36	0.07	-552.50	0.0	1.806e+04	-7572.16	-213.50	3963.28	-4206.36	1.306e+05
		-5.370e+05	-2.387e+04	-3.61e-04	0.0	92.1	1.806e+04	-8124.66	-213.50	3963.28	-2.387e+04	-5.370e+05
335	289	1.036e+05	-4631.84	0.09	-552.50	0.0	2.680e+04	-1.052e+04	-7.32	4.254e+04	-4631.84	1.036e+05
		-8.624e+05	-5306.10	7.25e-05	0.0	92.1	2.680e+04	-1.108e+04	-7.32	4.254e+04	-5306.10	-8.624e+05
335	309	1.369e+05	-4570.76	0.07	-552.50	0.0	1.791e+04	-7575.11	-253.66	3482.54	-4570.76	1.369e+05
		-5.283e+05	-2.793e+04	2.85e-04	0.0	92.1	1.791e+04	-8127.61	-253.66	3482.54	-2.793e+04	-5.283e+05
335	319	7.399e+04	-6068.17	0.07	-552.50	0.0	1.963e+04	-7691.59	-393.85	3205.01	-6068.17	7.399e+04
		-6.427e+05	-4.234e+04	5.46e-04	0.0	92.1	1.963e+04	-8244.09	-393.85	3205.01	-4.234e+04	-6.427e+05
335	322	5.483e+05	3.626e+04	0.19	-552.50	0.0	3.347e+04	-1.673e+04	404.67	5.249e+04	-1007.15	5.483e+05
		-7.249e+05	-1007.15	-9.77e-04	0.0	92.1	3.347e+04	-1.728e+04	404.67	5.249e+04	3.626e+04	-7.249e+05
335	324	1.369e+05	-4570.76	0.07	-552.50	0.0	1.791e+04	-7575.11	-253.66	3482.54	-4570.76	1.369e+05
		-5.283e+05	-2.793e+04	2.85e-04	0.0	92.1	1.791e+04	-8127.61	-253.66	3482.54	-2.793e+04	-5.283e+05
335	325	2.343e+05	-3917.30	0.09	-552.50	0.0	1.408e+04	-6955.76	-255.32	-4067.78	-3917.30	2.343e+05
		-4.084e+05	-2.687e+04	1.38e-03	0.0	92.1	1.408e+04	-7508.26	-255.32	-4067.78	-2.687e+04	-4.084e+05
335	328	3.942e+04	-5224.21	0.06	-552.50	0.0	2.174e+04	-8194.46	-252.00	1.103e+04	-5224.21	3.942e+04
		-6.481e+05	-2.899e+04	-1.51e-03	0.0	92.1	2.174e+04	-8746.96	-252.00	1.103e+04	-2.899e+04	-6.481e+05
335	346	1.554e+05	3115.47	0.07	-552.50	0.0	1.756e+04	-7562.52	73.21	2.077e+04	-1753.99	1.554e+05
		-5.053e+05	-1753.99	-3.59e-03	0.0	92.1	1.756e+04	-8115.02	73.21	2.077e+04	3115.47	-5.053e+05
335	347	1.184e+05	-7387.52	0.07	-552.50	0.0	1.826e+04	-7587.70	-580.54	-1.380e+04	-7387.52	1.184e+05
		-5.513e+05	-5.897e+04	3.46e-03	0.0	92.1	1.826e+04	-8140.20	-580.54	-1.380e+04	-5.897e+04	-5.513e+05
335	357	1.854e+05	-3750.81	0.08	-552.50	0.0	1.606e+04	-7280.75	-239.43	1956.98	-3750.81	1.854e+05
		-4.692e+05	-2.589e+04	5.75e-04	0.0	92.1	1.606e+04	-7833.25	-239.43	1956.98	-2.589e+04	-4.692e+05
335	360	8.837e+04	-5390.70	0.07	-552.50	0.0	1.976e+04	-7869.48	-267.90	5008.11	-5390.70	8.837e+04
		-5.874e+05	-2.997e+04	-5.70e-04	0.0	92.1	1.976e+04	-8421.98	-267.90	5008.11	-2.997e+04	-5.874e+05
335	379	1.256e+05	-4339.39	0.07	-552.50	0.0	1.832e+04	-7651.89	-367.21	2351.72	-4339.39	1.256e+05
		-5.428e+05	-3.846e+04	1.09e-03	0.0	92.1	1.832e+04	-8204.39	-367.21	2351.72	-3.846e+04	-5.428e+05
336	90	5.261e+05	1.056e+05	0.25	-552.50	0.0	3.765e+04	-1.842e+04	931.93	7.079e+04	1.056e+05	5.261e+05
		-9.072e+05	1.977e+04	-1.91e-03	0.0	92.1	3.765e+04	-1.897e+04	931.93	7.079e+04	1.056e+05	-9.072e+05
336	97	9.615e+05	9.666e+04	0.32	-745.88	0.0	5.553e+04	-2.889e+04	790.40	6.291e+04	2.388e+04	9.615e+05
		-1.187e+06	2.388e+04	-2.51e-03	0.0	92.1	5.553e+04	-2.964e+04	790.40	6.291e+04	9.666e+04	-1.187e+06
336	161	1.971e+05	1.379e+04	0.10	-745.88	0.0	2.532e+04	-1.111e+04	-203.22	3.612e+04	1.379e+04	1.971e+05
		-7.496e+05	-1.554e+04	4.15e-04	-230.67	92.1	2.532e+04	-1.186e+04	-433.89	-3.612e+04	-1.554e+04	-7.496e+05
336	206	1.427e+05	8731.71	0.07	-552.50	0.0	1.778e+04	-7813.82	-96.53	-1.697e+04	8731.71	1.427e+05
		-5.239e+05	-157.15	4.15e-04	0.0	92.1	1.778e+04	-8366.32	-96.53	-1.697e+04	-157.15	-5.239e+05
336	255	6.737e+05	3.185e+04	0.22	-552.50	0.0	3.670e+04	-1.946e+04	196.28	1.533e+04	3.185e+04	6.737e+05
		-7.527e+05	1.378e+04	-1.50e-03	0.0	92.1	3.670e+04	-2.001e+04	196.28	1.533e+04	1.378e+04	-7.527e+05
336	263	1.409e+05	1.761e+04	0.09	-552.50	0.0	2.520e+04	-1.063e+04	35.49	-1.224e+04	1.434e+04	1.409e+05
		-7.897e+05	1.434e+04	7.11e-04	0.0	92.1	2.520e+04	-1.118e+04	35.49	-1.224e+04	1.761e+04	-7.897e+05
336	268	1.474e+05	9526.83	0.07	-552.50	0.0	1.844e+04	-8112.10	-144.64	-2.106e+04	9526.83	1.474e+05
		-5.414e+05	-3792.09	1.23e-04	0.0	92.1	1.844e+04	-8664.60	-144.64	-2.106e+04	-3792.09	-5.414e+05
336	270	1.174e+05	4.379e+04	0.08	-552.50	0.0	2.450e+04	-1.009e+04	309.13	1.045e+04	1.532e+04	1.174e+05
		-7.817e+05	1.532e+04	7.07e-04	0.0	92.1	2.450e+04	-1.065e+04	309.13	1.045e+04	4.379e+04	-7.817e+05
336	287	1.457e+05	1.007e+04	0.07	-552.50	0.0	1.866e+04	-8189.02	-145.20	-2.578e+04	1.007e+04	1.457e+05
		-5.521e+05	-1.038e+04	3.19e-04	-153.78	92.1	1.866e+04	-8741.52	-298.98	-2.578e+04	-1.038e+04	-5.521e+05
336	309	1.492e+05	9527.13	0.08	-552.50	0.0	1.843e+04	-8129.56	-165.65	-2.178e+04	9527.13	1.492e+05
		-5.424e+05	-5726.53	4.24e-04	0.0	92.1	1.843e+04	-8682.06	-165.65	-2.178e+04	-5726.53	-5.424e+05
336	310	1.528e+05	9332.89	0.08	-552.50	0.0	1.835e+04	-8129.09	-159.35	-2.177e+04	9332.89	1.528e+05
		-5.347e+05	-5340.89	1.75e-04	0.0	92.1	1.835e+04	-8681.59	-159.35	-2.177e+04	-5340.89	-5.347e+05
336	321	3.360e+05	2.171e+04	0.16	-552.50	0.0	2.612e+04	-1.258e+04	96.46	3002.30	1.283e+04	3.360e+05
		-6.595e+05	1.283e+04	-4.63e-04	0.0	92.1	2.612e+04	-1.314e+04	96.46	3002.30	2.171e+04	-6.595e+05
336	322	5.447e+05	2.142e+04	0.18	-552.50	0.0	3.206e+04	-1.662e+04	94.20	5934.40	1.275e+04	5.447e+05
		-6.974e+05	1.275e+04	-8.88e-04	0.0	92.1	3.206e+04	-1.717e+04	94.20	5934.40	2.142e+04	-6.974e+05
336	324	1.492e+05	9527.13	0.08	-552.50	0.0	1.843e+04	-8129.56	-165.65	-2.178e+04	9527.13	1.492e+05
		-5.424e+05	-5726.53	4.24e-04	0.0	92.1	1.843e+04	-8682.06	-165.65	-2.178e+04	-5726.53	-5.424e+05
336	326	2.738e+05	4611.80	0.09	-552.50	0.0	1.442e+04	-8944.73	-177.91	-1.917e+04	4611.80	2.738e+05
		-4.090e+05	-1.101e+04	-1.02e-03	0.0	92.1	1.442e+04	-9497.23	-177.91	-1.917e+04	-1.101e+04	-4.090e+05
336	327	2.459e+04	1.444e+04	0.06	-552.50	0.0	2.244e+04	-7314.39	-153.39	-2.439e+04	1.444e+04	2.459e+04
		-6.759e+05	-438.30	1.87e-03	0.0	92.1	2.244e+04	-7866.89	-153.39	-2.439e+04	-438.30	-6.759e+05
336	335	2.514e+04	1.445e+04	0.06	-552.50	0.0	2.238e+04	-7319.30	-161.79	-2.446e+04	1.445e+04	2.514e+04
		-6.743e+05	-1276.30	2.42e-03	0.0	92.1	2.238e+04	-7871.80	-161.79	-2.446e+04	-1276.30	-6.743e+05
336	341	1.037e+05	1.106e+04	0.07	-552.50	0.0	1.828e+04	-7700.67	-377.90	-3.988e+04	1.106e+04	1.037e+05
		-5.452e+05	-2.386e+04	4.04e-03	0.0	92.1	1.828e+04	-8253.17	-377.90	-3.988e+04	-2.386e+04	-5.452e+05
336	358	2.069e+05	7295.50	0.08	-552.50	0.0	1.650e+04	-8490.79	-192.74	-2.266e+04	7295.50	2.069e+05
		-4.782e+05	-1.010e+04	-7.85e-05	0.0	92.1	1.650e+04	-9043.29	-192.74	-2.266e+04	-1.010e+04	-4.782e+05
336	359	9.143e+04	1.176e+04	0.07	-552.50	0.0	2.036e+04	-7768.33	-138.56	-2.089e+04	1.176e+04	9.143e+04
		-6.067e+05	-1356.91	9.26e-04	0.0	92.1	2.036e+04	-8320.83	-138.56	-2.089e+04	-1356.91	-6.067e+05
336	361	1.943e+05	7705.97	0.08	-552.50	0.0	1.662e+04	-8396.81	-210.09	-2.379e+04	7705.97	1.943e+05
		-4.837e+05	-1.130e+04	4.20e-04	0.0	92.1	1.662e+04	-8949.31	-210.09	-2.379e+04	-1.130e+04	-4.837e+05
336	371	9.195e+04	1.180e+04	0.07	-552.50	0.0	2.032e+04	-7756.31	-143.79	-2.118e+04	1.180e+04	9.195e+04
		-6.047e+05	-1826.80	1.03e-03	0.0	92.1	2.032e+04	-8308.81	-143.79	-2.118e+04	-1826.80	-6.047e+05
337	17	8.606e+05	1.229e+05	-0.21	-745.88	0.0	3.144e+04	3.179e+04	-1682.34	-1.220e+05	1.229e+05	-1.530e+06

		-1.530e+06-3.204e+04	9.71e-04	0.0	92.1	3.144e+04	3.104e+04	-1682.34-1.220e+05-3.204e+04	8.606e+05			
337	149	8.542e+05	1.321e+05	-0.41	-745.88	0.0	4.569e+04	3.429e+04	-1699.11-1.582e+05	1.321e+05-1.742e+06		
		-1.742e+06-1.795e+04	1.55e-03	138.40	92.1	4.569e+04	3.354e+04	-1560.71-1.582e+05-1.795e+04	8.542e+05			
337	164	1.611e+05	5924.93	-0.08	-552.50	0.0	1.264e+04	8290.13	-150.41-1.660e+04	5924.93-4.846e+05		
		-4.846e+05	-7925.00	5.85e-04	0.0	92.1	1.264e+04	7737.63	-150.41-1.660e+04	-7925.00	1.611e+05	
337	276	5.493e+05	6.594e+04	-0.11	-552.50	0.0	1.538e+04	1.856e+04	-997.46-5.712e+04	6.594e+04-8.184e+05		
		-8.184e+05-2.167e+04	4.11e-04	92.27	92.1	1.538e+04	1.800e+04	-905.19-5.712e+04-2.167e+04	5.493e+05			
337	281	5.457e+05	6.888e+04	-0.26	-552.50	0.0	2.581e+04	2.037e+04	-912.22-8.128e+04	6.888e+04-9.699e+05		
		-9.699e+05-1.088e+04	7.59e-04	92.27	92.1	2.581e+04	1.982e+04	-819.96-8.128e+04-1.088e+04	5.457e+05			
337	288	1.612e+05	1.057e+04	-0.08	-552.50	0.0	1.333e+04	8621.52	-210.38-2.149e+04	1.057e+04-5.135e+05		
		-5.135e+05	-8800.79	5.21e-04	0.0	92.1	1.333e+04	8069.02	-210.38-2.149e+04	-8800.79	1.612e+05	
337	295	5.515e+05	6.219e+04	-0.11	-552.50	0.0	1.518e+04	1.851e+04	-907.75-5.446e+04	6.219e+04-8.098e+05		
		-8.098e+05-2.139e+04	-3.39e-04	0.0	92.1	1.518e+04	1.795e+04	-907.75-5.446e+04-2.139e+04	5.515e+05			
337	309	1.487e+05	8588.19	-0.08	-552.50	0.0	1.384e+04	8653.43	-191.22-2.170e+04	8588.19-5.348e+05		
		-5.348e+05	-9020.16	3.84e-04	0.0	92.1	1.384e+04	8100.93	-191.22-2.170e+04	-9020.16	1.487e+05	
337	312	4.448e+05	4.776e+04	-0.10	-552.50	0.0	1.508e+04	1.606e+04	-718.47-4.651e+04	4.776e+04-7.512e+05		
		-7.512e+05-1.840e+04	-2.54e-04	0.0	92.1	1.508e+04	1.551e+04	-718.47-4.651e+04-1.840e+04	4.448e+05			
337	313	4.421e+05	4.997e+04	-0.21	-552.50	0.0	2.291e+04	1.742e+04	-654.54-6.463e+04	4.997e+04-8.648e+05		
		-8.648e+05-1.030e+04	4.58e-04	0.0	92.1	2.291e+04	1.687e+04	-654.54-6.463e+04-1.030e+04	4.421e+05			
337	324	1.487e+05	8588.19	-0.08	-552.50	0.0	1.384e+04	8653.43	-191.22-2.170e+04	8588.19-5.348e+05		
		-5.348e+05	-9020.16	3.84e-04	0.0	92.1	1.384e+04	8100.93	-191.22-2.170e+04	-9020.16	1.487e+05	
337	331	3.051e+05	2.239e+04	-0.10	-552.50	0.0	8273.09	9830.88	-318.84-2.773e+04	2.239e+04-3.609e+05		
		-3.609e+05	-5067.87	-7.60e-04	0.0	92.1	8273.09	9278.38	-318.84-2.773e+04	-5067.87	3.051e+05	
337	337	2.691e+04	-1246.66	-0.05	-552.50	0.0	1.859e+04	7419.20	-129.62-1.747e+04	-1246.66-6.778e+05		
		-6.778e+05-1.523e+04	7.23e-04	0.0	92.1	1.859e+04	6866.70	-129.62-1.747e+04-1.523e+04	2.691e+04			
337	338	-7308.17	-5486.40	-0.05	-552.50	0.0	1.946e+04	7462.06	-61.15-1.539e+04	-5486.40-7.100e+05		
		-7.100e+05-1.302e+04	1.46e-03	0.0	92.1	1.946e+04	6909.56	-61.15-1.539e+04-1.302e+04	-7308.17			
337	339	3.047e+05	2.266e+04	-0.10	-552.50	0.0	8215.91	9844.80	-321.30-2.802e+04	2.266e+04-3.596e+05		
		-3.596e+05	-5018.05	-6.93e-04	0.0	92.1	8215.91	9292.30	-321.30-2.802e+04	-5018.05	3.047e+05	
337	363	2.278e+05	1.554e+04	-0.09	-552.50	0.0	1.105e+04	9255.85	-255.80-2.478e+04	1.554e+04-4.478e+05		
		-4.478e+05	-7034.23	-1.87e-04	0.0	92.1	1.105e+04	8703.35	-255.80-2.478e+04	-7034.23	2.278e+05	
337	367	2.268e+05	1.572e+04	-0.09	-552.50	0.0	1.107e+04	9255.39	-257.20-2.492e+04	1.572e+04-4.487e+05		
		-4.487e+05	-6942.18	-1.41e-04	0.0	92.1	1.107e+04	8702.89	-257.20-2.492e+04	-6942.18	2.268e+05	
337	369	8.680e+04	3596.28	-0.06	-552.50	0.0	1.623e+04	8023.05	-159.19-1.952e+04	3596.28-6.064e+05		
		-6.064e+05-1.212e+04	5.55e-04	0.0	92.1	1.623e+04	7470.55	-159.19-1.952e+04-1.212e+04	8.680e+04			
337	370	6.983e+04	1500.89	-0.06	-552.50	0.0	1.666e+04	8044.22	-125.39-1.848e+04	1500.89-6.224e+05		
		-6.224e+05-1.103e+04	9.22e-04	0.0	92.1	1.666e+04	7491.72	-125.39-1.848e+04-1.103e+04	6.983e+04			
337	371	2.276e+05	1.568e+04	-0.09	-552.50	0.0	1.102e+04	9262.65	-257.05-2.492e+04	1.568e+04-4.472e+05		
		-4.472e+05	-7009.36	-1.61e-04	0.0	92.1	1.102e+04	8710.15	-257.05-2.492e+04	-7009.36	2.276e+05	
338	17	8.413e+05	4.303e+04	-0.19	-745.88	0.0	3.004e+04	2.898e+04	-104.62	-4599.05	4.303e+04-1.355e+06	
		-1.355e+06	3.339e+04	-5.90e-04	0.0	92.1	3.004e+04	2.823e+04	-104.62	-4599.05	3.339e+04-8.413e+05	
338	149	8.324e+05	1.955e+05	-0.38	-745.88	0.0	4.130e+04	3.045e+04	-1902.02-1.086e+05	1.955e+05-1.497e+06		
		-1.497e+06	2.037e+04	-1.88e-03	0.0	92.1	4.130e+04	2.971e+04	-1902.02-1.086e+05	2.037e+04	8.324e+05	
338	164	1.592e+05	2.197e+04	-0.07	-552.50	0.0	1.241e+04	7871.27	-193.97	5136.64	2.197e+04-4.617e+05	
		-4.617e+05	4106.76	2.04e-04	0.0	92.1	1.241e+04	7318.77	-193.97	5136.64	4106.76	1.592e+05
338	178	6.775e+05	2.534e+04	-0.12	-552.50	0.0	1.546e+04	2.022e+04	670.84	3.789e+04	-3.644e+04-7.979e+05	
		-7.979e+05-3.644e+04	2.29e-04	0.0	92.1	1.546e+04	1.966e+04	670.84	3.789e+04	2.534e+04	6.775e+05	
338	265	4.651e+05	8.030e+04	-0.22	-552.50	0.0	2.394e+04	1.737e+04	-765.77-3.400e+04	8.030e+04-8.630e+05		
		-8.630e+05	9782.36	-7.83e-04	0.0	92.1	2.394e+04	1.682e+04	-765.77-3.400e+04	9782.36	4.651e+05	
338	270	1.751e+05	8.585e+04	-0.11	-552.50	0.0	2.267e+04	1.242e+04	-821.74-2.717e+04	8.585e+04-8.664e+05		
		-8.664e+05	1.019e+04	-8.28e-04	0.0	92.1	2.267e+04	1.187e+04	-821.74-2.717e+04	1.019e+04	1.751e+05	
338	281	5.304e+05	9.469e+04	-0.25	-552.50	0.0	2.375e+04	1.831e+04	-914.69-4.910e+04	9.469e+04-8.448e+05		
		-8.448e+05	1.046e+04	-8.94e-04	0.0	92.1	2.375e+04	1.775e+04	-914.69-4.910e+04	1.046e+04	5.304e+05	
338	288	1.527e+05	2.410e+04	-0.08	-552.50	0.0	1.314e+04	8059.85	-215.79	3883.69	2.410e+04-4.899e+05	
		-4.899e+05	4233.03	-2.33e-04	0.0	92.1	1.314e+04	7507.35	-215.79	3883.69	4233.03	1.527e+05
338	295	5.370e+05	1.995e+04	-0.11	-552.50	0.0	1.538e+04	1.720e+04	425.47	2.814e+04	-1.923e+04-7.382e+05	
		-7.382e+05-1.923e+04	1.16e-04	0.0	92.1	1.538e+04	1.665e+04	425.47	2.814e+04	1.995e+04	5.370e+05	
338	309	1.363e+05	2.465e+04	-0.07	-552.50	0.0	1.385e+04	8095.72	-221.54	3194.70	2.465e+04-5.189e+05	
		-5.189e+05	4249.41	-3.17e-04	0.0	92.1	1.385e+04	7543.22	-221.54	3194.70	4249.41	1.363e+05
338	312	4.278e+05	1.599e+04	-0.10	-552.50	0.0	1.539e+04	1.495e+04	264.45	2.135e+04	-8366.32-6.994e+05	
		-6.994e+05	-8366.32	-1.34e-04	0.0	92.1	1.539e+04	1.440e+04	264.45	2.135e+04	1.599e+04	4.278e+05
338	313	4.232e+05	7.535e+04	-0.20	-552.50	0.0	2.163e+04	1.577e+04	-725.09-3.616e+04	7.535e+04-7.778e+05		
		-7.778e+05	8581.74	-8.14e-04	0.0	92.1	2.163e+04	1.521e+04	-725.09-3.616e+04	8581.74	4.232e+05	
338	324	1.363e+05	2.465e+04	-0.07	-552.50	0.0	1.385e+04	8095.72	-221.54	3194.70	2.465e+04-5.189e+05	
		-5.189e+05	4249.41	-3.17e-04	0.0	92.1	1.385e+04	7543.22	-221.54	3194.70	4249.41	1.363e+05
338	330	4.698.02	3.960e+04	-0.05	-552.50	0.0	1.892e+04	9160.19	-365.93	7489.48	3.960e+04-6.727e+05	
		-6.727e+05	7204.42	-3.45e-04	0.0	92.1	1.892e+04	8607.69	-365.93	7489.48	7204.42	4.698.02
338	334	5869.44	3.854e+04	-0.05	-552.50	0.0	1.897e+04	9163.52	-360.24	6904.31	3.854e+04-6.728e+05	
		-6.728e+05	6660.81	-4.26e-04	0.0	92.1	1.897e+04	8611.02	-360.24	6904.31	6660.81	5869.44
338	335	2.667e+05	1.075e+04	-0.10	-552.50	0.0	8721.63	7027.91	-82.84	-514.91	1.075e+04-3.650e+05	
		-3.650e+05	1838.00	-2.25e-04	0.0	92.1	8721.63	6475.41	-82.84	-514.91	1838.00	2.667e+05
338	338	4299.21	3.882e+04	-0.05	-552.50	0.0	1.895e+04	9162.34	-357.34	7371.53	3.882e+04-6.735e+05	
		-6.735e+05	7277.23	-3.87e-04	0.0	92.1	1.895e+04	8609.84	-357.34	7371.53	7277.23	4299.21
338	339	2.682e+05	1.048e+04	-0.10	-552.50	0.0	8741.53	7029.10	-85.74	-982.13	1.048e+04-3.643e+05	
		-3.643e+05	1221.58	-2.97e-04	0.0	92.1	8741.53	6476.60	-85.74	-982.13	1221.58	2.682e+05
338	355	1.860e+05	1.260e+04	-0.08	-552.50	0.0	1.219e+04	7819.31	-102.04	-2302.84	1.260e+04-4.651e+05	
		-4.651e+05	-997.06	-1.06e-03	0.0	92.1	1.219e+04	7266.81	-102.04	-2302.84	-997.06	1.860e+05

338	362	6.965e+04	3.212e+04	-0.06	-552.50	0.0	1.639e+04	8639.23	-293.64	5340.91	3.212e+04	-5.959e+05
		-5.959e+05	5719.50	-3.27e-04	0.0	92.1	1.639e+04	8086.73	-293.64	5340.91	5719.50	6.965e+04
338	370	6.945e+04	3.173e+04	-0.06	-552.50	0.0	1.641e+04	8640.29	-289.34	5283.61	3.173e+04	-5.962e+05
		-5.962e+05	5754.18	-3.52e-04	0.0	92.1	1.641e+04	8087.79	-289.34	5283.61	5754.18	6.945e+04
338	371	2.031e+05	1.757e+04	-0.09	-552.50	0.0	1.129e+04	7551.14	-153.74	1105.79	1.757e+04	-4.416e+05
		-4.416e+05	2744.63	-2.90e-04	0.0	92.1	1.129e+04	6998.64	-153.74	1105.79	2744.63	2.031e+05
338	387	1.613e+05	1.867e+04	-0.08	-552.50	0.0	1.302e+04	7953.89	-162.53	460.20	1.867e+04	-4.920e+05
		-4.920e+05	1653.09	-5.62e-04	0.0	92.1	1.302e+04	7401.39	-162.53	460.20	1653.09	1.613e+05
339	18	6.543e+05	1.264e+05	-0.15	-552.50	0.0	2.159e+04	2.159e+04	-1620.99	-1.147e+05	1.264e+05	-9.571e+05
		-9.571e+05	-2.291e+04	-7.94e-04	0.0	92.1	2.159e+04	2.103e+04	-1620.99	-1.147e+05	-2.291e+04	6.543e+05
339	126	1.625e+05	-2763.53	-0.07	-552.50	0.0	1.221e+04	7855.26	100.16	-3209.42	-1.199e+04	-4.520e+05
		-4.520e+05	-1.199e+04	4.85e-04	0.0	92.1	1.221e+04	7302.76	100.16	-3209.42	-2763.53	1.625e+05
339	149	7.823e+05	1.103e+05	-0.35	-745.88	0.0	3.582e+04	2.709e+04	-1177.39	-1.269e+05	1.103e+05	-1.252e+06
		-1.252e+06	1866.44	1.36e-03	0.0	92.1	3.582e+04	2.635e+04	-1177.39	-1.269e+05	1866.44	7.823e+05
339	187	7.815e+05	1.068e+05	-0.35	-745.88	0.0	3.589e+04	2.711e+04	-1146.24	-1.261e+05	1.068e+05	-1.255e+06
		-1.255e+06	1290.68	1.22e-03	0.0	92.1	3.589e+04	2.636e+04	-1146.24	-1.261e+05	1290.68	7.815e+05
339	205	1.842e+05	-5754.86	-0.10	-745.88	0.0	1.875e+04	1.095e+04	301.95	-4177.22	-3.356e+04	-7.026e+05
		-7.026e+05	-3.356e+04	4.31e-04	0.0	92.1	1.875e+04	1.021e+04	301.95	-4177.22	-5754.86	1.842e+05
339	231	5.776e+04	-5786.19	-0.06	-552.50	0.0	1.716e+04	8228.82	353.60	-2578.52	-3.835e+04	-6.572e+05
		-6.572e+05	-3.835e+04	4.73e-04	0.0	92.1	1.716e+04	7676.32	353.60	-2578.52	-5786.19	5.776e+04
339	265	4.640e+05	2.354e+04	-0.21	-552.50	0.0	2.224e+04	1.659e+04	-270.16	-4.181e+04	2.354e+04	-7.873e+05
		-7.873e+05	-1338.76	7.01e-04	0.0	92.1	2.224e+04	1.604e+04	-270.16	-4.181e+04	-1338.76	4.640e+05
339	269	1.549e+05	-3341.51	-0.08	-552.50	0.0	1.301e+04	8049.22	153.52	-2604.57	-1.748e+04	-4.835e+05
		-4.835e+05	-1.748e+04	3.99e-04	0.0	92.1	1.301e+04	7496.72	153.52	-2604.57	-3341.51	1.549e+05
339	276	4.709e+05	4.897e+04	-0.10	-552.50	0.0	1.482e+04	1.541e+04	-732.48	-4.424e+04	4.897e+04	-6.702e+05
		-6.702e+05	-1.848e+04	4.66e-04	0.0	92.1	1.482e+04	1.486e+04	-732.48	-4.424e+04	-1.848e+04	4.709e+05
339	281	5.287e+05	4.384e+04	-0.23	-552.50	0.0	2.148e+04	1.726e+04	-466.57	-5.296e+04	4.384e+04	-7.439e+05
		-7.439e+05	880.74	8.58e-04	0.0	92.1	2.148e+04	1.671e+04	-466.57	-5.296e+04	880.74	5.287e+05
339	310	1.373e+05	-3803.64	-0.07	-552.50	0.0	1.378e+04	8090.40	190.41	-2555.14	-2.134e+04	-5.157e+05
		-5.157e+05	-2.134e+04	4.02e-04	0.0	92.1	1.378e+04	7537.90	190.41	-2555.14	-3803.64	1.373e+05
339	312	3.765e+05	2.570e+04	-0.09	-552.50	0.0	1.506e+04	1.361e+04	-448.01	-3.438e+04	2.570e+04	-6.532e+05
		-6.532e+05	-1.555e+04	1.59e-04	0.0	92.1	1.506e+04	1.306e+04	-448.01	-3.438e+04	-1.555e+04	3.765e+05
339	313	4.199e+05	2.186e+04	-0.19	-552.50	0.0	2.006e+04	1.500e+04	-248.58	-4.092e+04	2.186e+04	-7.084e+05
		-7.084e+05	-1029.65	4.53e-04	0.0	92.1	2.006e+04	1.444e+04	-248.58	-4.092e+04	-1029.65	4.199e+05
339	316	6.679e+04	-5895.51	-0.07	-552.50	0.0	1.680e+04	8217.58	359.08	-3331.85	-3.896e+04	-6.424e+05
		-6.424e+05	-3.896e+04	4.02e-04	0.0	92.1	1.680e+04	7665.08	359.08	-3331.85	-5895.51	6.679e+04
339	324	1.363e+05	-4249.41	-0.07	-552.50	0.0	1.385e+04	8095.72	221.54	-3194.70	-2.465e+04	-5.189e+05
		-5.189e+05	-2.465e+04	3.17e-04	0.0	92.1	1.385e+04	7543.22	221.54	-3194.70	-4249.41	1.363e+05
339	325	3883.14	-6636.49	-0.05	-552.50	0.0	1.897e+04	9154.55	358.61	-6908.19	-3.843e+04	-6.732e+05
		-6.732e+05	-3.843e+04	4.24e-04	0.0	92.1	1.897e+04	8602.05	358.61	-6908.19	-6636.49	3883.14
339	328	2.686e+05	-1862.32	-0.10	-552.50	0.0	8722.85	7036.88	84.46	518.79	-1.087e+04	-3.646e+05
		-3.646e+05	-1.087e+04	2.27e-04	0.0	92.1	8722.85	6484.38	84.46	518.79	-1862.32	2.686e+05
339	329	4299.24	-7277.23	-0.05	-552.50	0.0	1.895e+04	9162.33	357.34	-7371.52	-3.882e+04	-6.735e+05
		-6.735e+05	-3.882e+04	3.87e-04	0.0	92.1	1.895e+04	8609.83	357.34	-7371.52	-7277.23	4299.24
339	337	4698.05	-7204.41	-0.05	-552.50	0.0	1.892e+04	9160.18	365.93	-7489.48	-3.960e+04	-6.727e+05
		-6.727e+05	-3.960e+04	3.45e-04	0.0	92.1	1.892e+04	8607.68	365.93	-7489.48	-7204.41	4698.05
339	352	1.860e+05	997.04	-0.08	-552.50	0.0	1.219e+04	7819.32	102.04	2302.83	-1.260e+04	-4.651e+05
		-4.651e+05	-1.260e+04	1.06e-03	0.0	92.1	1.219e+04	7266.82	102.04	2302.83	997.04	1.860e+05
339	361	6.945e+04	-5754.18	-0.06	-552.50	0.0	1.641e+04	8640.29	289.34	-5283.60	-3.173e+04	-5.962e+05
		-5.962e+05	-3.173e+04	3.52e-04	0.0	92.1	1.641e+04	8087.79	289.34	-5283.60	-5754.18	6.945e+04
339	364	2.031e+05	-2744.63	-0.09	-552.50	0.0	1.129e+04	7551.15	153.74	-1105.80	-1.757e+04	-4.416e+05
		-4.416e+05	-1.757e+04	2.90e-04	0.0	92.1	1.129e+04	6998.65	153.74	-1105.80	-2744.63	2.031e+05
339	369	6.965e+04	-5719.49	-0.06	-552.50	0.0	1.639e+04	8639.23	293.64	-5340.91	-3.212e+04	-5.959e+05
		-5.959e+05	-3.212e+04	3.27e-04	0.0	92.1	1.639e+04	8086.73	293.64	-5340.91	-5719.49	6.965e+04
339	384	1.613e+05	-1653.11	-0.08	-552.50	0.0	1.302e+04	7953.89	162.53	-460.20	-1.867e+04	-4.920e+05
		-4.920e+05	-1.867e+04	5.62e-04	0.0	92.1	1.302e+04	7401.39	162.53	-460.20	-1653.11	1.613e+05
340	126	1.813e+05	7611.44	-0.08	-552.50	0.0	1.163e+04	8262.70	155.00	1.780e+04	-6661.83	-4.438e+05
		-4.438e+05	-6661.83	1.98e-04	0.0	92.1	1.163e+04	7710.20	155.00	1.780e+04	7611.44	1.813e+05
340	149	8.231e+05	9.385e+04	-0.33	-745.88	0.0	3.026e+04	2.595e+04	-747.55	-6.622e+04	9.385e+04	-1.058e+06
		-1.058e+06	2.501e+04	1.28e-03	0.0	92.1	3.026e+04	2.520e+04	-747.55	-6.622e+04	2.501e+04	8.231e+05
340	150	7.637e+05	1.033e+05	-0.30	-552.50	0.0	2.490e+04	2.255e+04	-894.44	-7.932e+04	1.033e+05	-8.500e+05
		-8.500e+05	2.097e+04	1.42e-03	0.0	92.1	2.490e+04	2.200e+04	-894.44	-7.932e+04	2.097e+04	7.637e+05
340	177	6.183e+05	2.375e+04	-0.14	-745.88	0.0	1.840e+04	2.078e+04	914.04	5.094e+04	-5.404e+04	-9.003e+05
		-9.003e+05	-5.404e+04	4.37e-04	-138.40	92.1	1.840e+04	2.003e+04	775.64	5.094e+04	2.375e+04	6.183e+05
340	187	8.198e+05	8.824e+04	-0.33	-745.88	0.0	3.056e+04	2.602e+04	-612.98	-6.223e+04	8.824e+04	-1.071e+06
		-1.071e+06	2.542e+04	1.10e-03	-138.40	92.1	3.056e+04	2.527e+04	-751.38	-6.223e+04	2.542e+04	8.198e+05
340	263	1.690e+05	1.282e+04	-0.09	-552.50	0.0	1.902e+04	1.112e+04	19.82	1.184e+04	1.099e+04	-7.309e+05
		-7.309e+05	1.099e+04	-4.27e-04	0.0	92.1	1.902e+04	1.056e+04	19.82	1.184e+04	1.282e+04	1.690e+05
340	265	4.988e+05	1.951e+04	-0.20	-552.50	0.0	2.021e+04	1.680e+04	-50.22	-4172.76	1.951e+04	-7.301e+05
		-7.301e+05	1.489e+04	5.43e-04	0.0	92.1	2.021e+04	1.625e+04	-50.22	-4172.76	1.489e+04	4.988e+05
340	269	1.747e+05	8592.67	-0.08	-552.50	0.0	1.266e+04	8603.32	213.43	2.229e+04	-1.106e+04	-4.865e+05
		-4.865e+05	-1.106e+04	4.16e-05	0.0	92.1	1.266e+04	8050.82	213.43	2.229e+04	8592.67	1.747e+05
340	270	1.473e+05	3.764e+04	-0.09	-552.50	0.0	1.895e+04	1.059e+04	-260.06	-1.125e+04	3.764e+04	-7.210e+05
		-7.210e+05	1.369e+04	-6.29e-04	0.0	92.1	1.895e+04	1.004e+04	-260.06	-1.125e+04	1.369e+04	1.473e+05
340	281	5.700e+05	3.032e+04	-0.22	-552.50	0.0	1.884e+04	1.728e+04	-169.75	-1.769e+04	3.032e+04	-6.614e+05
		-6.614e+05	1.469e+04	9.02e-04	0.0	92.1	1.884e+04	1.673e+04	-169.75	-1.769e+04	1.469e+04	5.700e+05
340	295	4.551e+05	1.752e+04	-0.10	-552.50	0.0	1.367e+04	1.536e+04	657.44	3.685e+04	-3.877e+04	-6.686e+05

		-6.686e+05	-3.877e+04	3.02e-04	-92.27	92.1	1.367e+04	1.480e+04	565.17	3.685e+04	1.752e+04	4.551e+05
340	310	1.554e+05	8916.10	-0.08	-552.50	0.0	1.351e+04	8644.33	192.75	2.210e+04	-8832.74	-5.212e+05
		-5.212e+05	-8832.74	-1.29e-04	0.0	92.1	1.351e+04	8091.83	192.75	2.210e+04	8916.10	1.554e+05
340	312	3.641e+05	1.544e+04	-0.09	-552.50	0.0	1.430e+04	1.368e+04	461.17	3.071e+04	-2.702e+04	-6.591e+05
		-6.591e+05	-2.702e+04	-1.13e-04	0.0	92.1	1.430e+04	1.313e+04	461.17	3.071e+04	1.544e+04	3.641e+05
340	313	4.486e+05	2.199e+04	-0.18	-552.50	0.0	1.834e+04	1.516e+04	-91.94	-8194.86	2.199e+04	-6.602e+05
		-6.602e+05	1.352e+04	3.06e-04	0.0	92.1	1.834e+04	1.461e+04	-91.94	-8194.86	1.352e+04	4.486e+05
340	316	7.383e+04	1.028e+04	-0.07	-552.50	0.0	1.694e+04	8738.34	111.89	2.075e+04	-20.89	-6.633e+05
		-6.633e+05	-20.89	-8.27e-04	0.0	92.1	1.694e+04	8185.84	111.89	2.075e+04	1.028e+04	7.383e+04
340	324	1.487e+05	9020.16	-0.08	-552.50	0.0	1.384e+04	8653.43	191.22	2.170e+04	-8588.20	-5.348e+05
		-5.348e+05	-8588.20	-3.84e-04	0.0	92.1	1.384e+04	8100.93	191.22	2.170e+04	9020.16	1.487e+05
340	328	2.986e+05	4695.19	-0.10	-552.50	0.0	8403.26	9815.27	318.54	2.825e+04	-2.267e+04	-3.665e+05
		-3.665e+05	-2.267e+04	5.54e-04	0.0	92.1	8403.26	9262.77	318.54	2.825e+04	4695.19	2.986e+05
340	329	-7308.16	1.302e+04	-0.05	-552.50	0.0	1.946e+04	7462.07	61.15	1.539e+04	5486.39	-7.100e+05
		-7.100e+05	5486.39	-1.46e-03	0.0	92.1	1.946e+04	6909.57	61.15	1.539e+04	1.302e+04	-7308.16
340	330	2.691e+04	1.523e+04	-0.05	-552.50	0.0	1.859e+04	7419.20	129.62	1.747e+04	-2.267e+04	-3.665e+05
		-6.778e+05	1246.66	-7.23e-04	0.0	92.1	1.859e+04	6866.70	129.62	1.747e+04	1.523e+04	2.691e+04
340	332	3.047e+05	5018.06	-0.10	-552.50	0.0	8215.91	9844.80	321.30	2.802e+04	-2.266e+04	-3.596e+05
		-3.596e+05	-2.266e+04	6.93e-04	0.0	92.1	8215.91	9292.30	321.30	2.802e+04	5018.06	3.047e+05
340	340	3.051e+05	5067.89	-0.10	-552.50	0.0	8273.09	9830.88	318.84	2.773e+04	-2.239e+04	-3.665e+05
		-3.609e+05	-2.239e+04	7.60e-04	0.0	92.1	8273.09	9278.38	318.84	2.773e+04	5067.89	3.051e+05
340	360	2.268e+05	6942.18	-0.09	-552.50	0.0	1.107e+04	9255.39	257.20	2.492e+04	-1.572e+04	-4.487e+05
		-4.487e+05	-1.572e+04	1.41e-04	0.0	92.1	1.107e+04	8702.89	257.20	2.492e+04	6942.18	2.268e+05
340	361	6.983e+04	1.103e+04	-0.06	-552.50	0.0	1.666e+04	8044.22	125.39	1.848e+04	-1500.90	-6.224e+05
		-6.224e+05	-1500.90	-9.22e-04	0.0	92.1	1.666e+04	7491.72	125.39	1.848e+04	1.103e+04	6.983e+04
340	362	8.680e+04	1.212e+04	-0.06	-552.50	0.0	1.623e+04	8023.04	159.19	1.952e+04	-3596.28	-6.064e+05
		-6.064e+05	-3596.28	-5.55e-04	0.0	92.1	1.623e+04	7470.54	159.19	1.952e+04	1.212e+04	8.680e+04
340	364	2.276e+05	7009.37	-0.09	-552.50	0.0	1.102e+04	9262.64	257.05	2.492e+04	-1.568e+04	-4.472e+05
		-4.472e+05	-1.568e+04	1.61e-04	0.0	92.1	1.102e+04	8710.14	257.05	2.492e+04	7009.37	2.276e+05
340	372	2.278e+05	7034.23	-0.09	-552.50	0.0	1.105e+04	9255.85	255.80	2.478e+04	-1.554e+04	-4.478e+05
		-4.478e+05	-1.554e+04	1.87e-04	0.0	92.1	1.105e+04	8703.35	255.80	2.478e+04	7034.23	2.278e+05
341	113	3.900e+06	6.196e+04	0.21	-745.88	0.0	1.901e+05	-1.716e+04	-813.91	4.293e+04	6.196e+04	3.900e+06
		2.860e+06	-1.298e+04	-3.83e-04	0.0	92.1	1.901e+05	-1.790e+04	-813.91	4.293e+04	-1.298e+04	2.860e+06
341	127	4.848e+06	5.629e+04	0.26	-745.88	0.0	2.320e+05	-2.127e+04	-864.25	7.920e+04	5.629e+04	4.848e+06
		3.560e+06	-1.692e+04	-3.50e-04	138.40	92.1	2.320e+05	-2.202e+04	-725.85	7.920e+04	-1.692e+04	3.560e+06
341	184	7.323e+05	2.841e+04	0.05	-552.50	0.0	4.527e+04	-3462.05	-336.20	-6093.09	2.841e+04	7.323e+05
		5.142e+05	-2545.40	-2.04e-04	0.0	92.1	4.527e+04	-4014.55	-336.20	-6093.09	-2545.40	5.142e+05
341	206	7.677e+05	2.813e+04	0.05	-552.50	0.0	4.467e+04	-3497.49	-327.38	-5483.77	2.813e+04	7.677e+05
		5.488e+05	-2013.04	3.45e-04	0.0	92.1	4.467e+04	-4049.99	-327.38	-5483.77	-2013.04	5.488e+05
341	255	6.930e+05	3.494e+04	0.05	-552.50	0.0	4.878e+04	-3567.81	-413.95	-9001.56	3.494e+04	6.930e+05
		4.718e+05	-3182.00	4.29e-04	0.0	92.1	4.878e+04	-4120.31	-413.95	-9001.56	-3182.00	4.718e+05
341	263	2.874e+06	4.472e+04	0.15	-552.50	0.0	1.398e+05	-1.263e+04	-588.33	3.212e+04	4.472e+04	2.874e+06
		2.108e+06	-9454.24	-2.72e-04	0.0	92.1	1.398e+05	-1.319e+04	-588.33	3.212e+04	-9454.24	2.108e+06
341	270	3.590e+06	4.088e+04	0.19	-552.50	0.0	1.717e+05	-1.575e+04	-624.26	5.884e+04	4.088e+04	3.590e+06
		2.636e+06	-1.236e+04	-2.49e-04	92.27	92.1	1.717e+05	-1.630e+04	-532.00	5.884e+04	-1.236e+04	2.636e+06
341	287	7.739e+05	3.338e+04	0.05	-552.50	0.0	4.625e+04	-3536.66	-396.22	-6822.24	3.338e+04	7.739e+05
		5.534e+05	-3108.66	2.97e-04	0.0	92.1	4.625e+04	-4089.16	-396.22	-6822.24	-3108.66	5.534e+05
341	310	7.903e+05	3.263e+04	0.05	-552.50	0.0	4.609e+04	-3560.09	-388.57	-6054.95	3.263e+04	7.903e+05
		5.678e+05	-3154.53	2.23e-04	0.0	92.1	4.609e+04	-4112.59	-388.57	-6054.95	-3154.53	5.678e+05
341	311	2.726e+06	3.893e+04	0.14	-552.50	0.0	1.303e+05	-1.186e+04	-516.81	3.362e+04	3.893e+04	2.726e+06
		2.007e+06	-8661.05	3.66e-04	0.0	92.1	1.303e+05	-1.241e+04	-516.81	3.362e+04	-8661.05	2.007e+06
341	322	7.261e+05	3.470e+04	0.05	-552.50	0.0	4.793e+04	-3574.61	-407.26	-8380.82	3.470e+04	7.261e+05
		5.052e+05	-2801.01	5.52e-04	0.0	92.1	4.793e+04	-4127.11	-407.26	-8380.82	-2801.01	5.052e+05
341	324	7.897e+05	3.312e+04	0.05	-552.50	0.0	4.615e+04	-3567.33	-389.98	-6287.35	3.312e+04	7.897e+05
		5.679e+05	-2792.91	3.99e-04	0.0	92.1	4.615e+04	-4119.83	-389.98	-6287.35	-2792.91	5.679e+05
341	328	5.124e+05	3.744e+04	0.03	-552.50	0.0	6.021e+04	-2702.83	-453.71	-9463.38	3.744e+04	5.124e+05
		3.552e+05	-5081.92	-3.43e-04	0.0	92.1	6.021e+04	-3255.33	-453.71	-9463.38	-5081.92	3.552e+05
341	333	1.068e+06	2.869e+04	0.07	-552.50	0.0	3.195e+04	-4440.41	-325.25	-2965.86	2.869e+04	1.068e+06
		7.815e+05	-505.51	8.27e-04	0.0	92.1	3.195e+04	-4992.91	-325.25	-2965.86	-505.51	7.815e+05
341	335	5.363e+05	3.937e+04	0.03	-552.50	0.0	5.827e+04	-2800.01	-479.62	-6725.02	3.937e+04	5.363e+05
		3.733e+05	-4125.71	8.30e-04	0.0	92.1	5.827e+04	-3352.51	-479.62	-6725.02	-4125.71	3.733e+05
341	336	5.116e+05	3.754e+04	0.03	-552.50	0.0	6.035e+04	-2694.25	-454.71	-9608.84	3.754e+04	5.116e+05
		3.544e+05	-5080.31	-3.41e-04	0.0	92.1	6.035e+04	-3246.75	-454.71	-9608.84	-5080.31	3.544e+05
341	360	6.522e+05	3.537e+04	0.04	-552.50	0.0	5.265e+04	-3130.51	-424.56	-6740.93	3.537e+04	6.522e+05
		4.659e+05	-3906.32	-2.41e-04	0.0	92.1	5.265e+04	-3683.01	-424.56	-6740.93	-3906.32	4.659e+05
341	366	9.253e+05	3.001e+04	0.06	-552.50	0.0	3.934e+04	-3962.91	-346.66	-4941.79	3.001e+04	9.253e+05
		6.755e+05	-2059.30	2.09e-04	0.0	92.1	3.934e+04	-4515.41	-346.66	-4941.79	-2059.30	6.755e+05
341	367	6.541e+05	3.622e+04	0.04	-552.50	0.0	5.295e+04	-3171.74	-433.29	-7632.91	3.622e+04	6.541e+05
		4.604e+05	-3526.51	5.89e-04	0.0	92.1	5.295e+04	-3724.24	-433.29	-7632.91	-3526.51	4.604e+05
341	369	9.283e+05	3.069e+04	0.06	-552.50	0.0	3.936e+04	-3997.50	-354.70	-5686.44	3.069e+04	9.283e+05
		6.750e+05	-1712.96	5.62e-04	0.0	92.1	3.936e+04	-4550.00	-354.70	-5686.44	-1712.96	6.750e+05
342	114	3.310e+06	2124.34	0.18	-552.50	0.0	1.586e+05	-1.418e+04	1124.75	7.808e+04	-1.014e+05	3.310e+06
		2.447e+06	-1.014e+05	-9.09e-04	0.0	92.1	1.586e+05	-1.473e+04	1124.75	7.808e+04	2124.34	2.447e+06
342	127	4.394e+06	723.97	0.23	-745.88	0.0	2.098e+05	-1.874e+04	1565.53	1.237e+05	-1.434e+05	4.394e+06
		3.256e+06	-1.434e+05	-1.28e-03	0.0	92.1	2.098e+05	-1.948e+04	1565.53	1.237e+05	723.97	3.256e+06
342	184	7.318e+05	-471.22	0.05	-552.50	0.0	4.487e+04	-3454.76	110.67	4786.65	-1.066e+04	7.318e+05
		5.086e+05	-1.066e+04	-1.30e-04	0.0	92.1	4.487e+04	-4007.26	110.67	4786.65	-471.22	5.086e+05

342	206	7.649e+05	153.46	0.05	-552.50	0.0	4.403e+04	-3458.81	111.68	5058.67	-1.013e+04	7.649e+05
		5.418e+05	-1.013e+04	1.34e-04	0.0	92.1	4.403e+04	-4011.31	111.68	5058.67	153.46	5.418e+05
342	255	6.963e+05	-411.01	0.04	-552.50	0.0	4.800e+04	-3625.19	96.42	4264.87	-9289.44	6.963e+05
		4.624e+05	-9289.44	1.53e-04	0.0	92.1	4.800e+04	-4177.69	96.42	4264.87	-411.01	4.624e+05
342	263	2.661e+06	1485.04	0.14	-552.50	0.0	1.292e+05	-1.148e+04	855.44	5.989e+04	-7.729e+04	2.661e+06
		1.959e+06	-7.729e+04	-6.11e-04	0.0	92.1	1.292e+05	-1.203e+04	855.44	5.989e+04	1485.04	1.959e+06
342	270	3.254e+06	613.97	0.17	-552.50	0.0	1.553e+05	-1.386e+04	1158.58	9.146e+04	-1.061e+05	3.254e+06
		2.412e+06	-1.061e+05	-9.26e-04	0.0	92.1	1.553e+05	-1.441e+04	1158.58	9.146e+04	613.97	2.412e+06
342	287	7.749e+05	-382.57	0.05	-552.50	0.0	4.548e+04	-3595.54	103.96	5461.03	-9955.81	7.749e+05
		5.424e+05	-9955.81	1.01e-04	0.0	92.1	4.548e+04	-4148.04	103.96	5461.03	-382.57	5.424e+05
342	309	7.886e+05	-13.39	0.05	-552.50	0.0	4.522e+04	-3604.81	108.12	5896.68	-9969.83	7.886e+05
		5.558e+05	-9969.83	1.47e-04	0.0	92.1	4.522e+04	-4157.31	108.12	5896.68	-13.39	5.558e+05
342	311	2.515e+06	1749.74	0.13	-552.50	0.0	1.197e+05	-1.074e+04	813.96	5.821e+04	-7.320e+04	2.515e+06
		1.857e+06	-7.320e+04	5.47e-04	0.0	92.1	1.197e+05	-1.129e+04	813.96	5.821e+04	1749.74	1.857e+06
342	322	7.282e+05	22.17	0.05	-552.50	0.0	4.704e+04	-3617.01	95.31	4477.39	-8754.40	7.282e+05
		4.950e+05	-8754.40	2.44e-04	0.0	92.1	4.704e+04	-4169.51	95.31	4477.39	22.17	4.950e+05
342	324	7.886e+05	-13.39	0.05	-552.50	0.0	4.522e+04	-3604.81	108.12	5896.68	-9969.83	7.886e+05
		5.558e+05	-9969.83	1.47e-04	0.0	92.1	4.522e+04	-4157.31	108.12	5896.68	-13.39	5.558e+05
342	333	1.046e+06	939.36	0.07	-552.50	0.0	3.179e+04	-2817.10	115.81	7086.25	-1.019e+04	1.046e+06
		7.626e+05	-1.019e+04	5.49e-04	0.0	92.1	3.179e+04	-3369.60	115.81	7086.25	939.36	7.626e+05
342	334	1.053e+06	176.73	0.07	-552.50	0.0	3.256e+04	-2847.93	144.22	9725.89	-1.269e+04	1.053e+06
		7.539e+05	-1.269e+04	-3.28e-04	0.0	92.1	3.256e+04	-3400.43	144.22	9725.89	176.73	7.539e+05
342	336	5.315e+05	-966.15	0.03	-552.50	0.0	5.865e+04	-4392.52	100.44	4707.10	-9748.65	5.315e+05
		3.490e+05	-9748.65	-3.54e-04	0.0	92.1	5.865e+04	-4945.02	100.44	4707.10	-966.15	3.490e+05
342	341	8.538e+05	1445.87	0.06	-552.50	0.0	4.005e+04	-3321.95	67.24	2196.17	-6227.00	8.538e+05
		6.308e+05	-6227.00	1.57e-03	0.0	92.1	4.005e+04	-3874.45	67.24	2196.17	1445.87	6.308e+05
342	346	8.798e+05	-1113.00	0.06	-552.50	0.0	4.258e+04	-3424.51	162.04	1.105e+04	-1.458e+04	8.798e+05
		6.021e+05	-1.458e+04	-1.36e-03	0.0	92.1	4.258e+04	-3977.01	162.04	1.105e+04	-1113.00	6.021e+05
342	365	9.225e+05	424.63	0.06	-552.50	0.0	3.855e+04	-3204.89	112.56	6861.53	-1.009e+04	9.225e+05
		6.607e+05	-1.009e+04	3.02e-04	0.0	92.1	3.855e+04	-3757.39	112.56	6861.53	424.63	6.607e+05
342	368	6.546e+05	-451.41	0.04	-552.50	0.0	5.189e+04	-4004.72	103.69	4931.82	-9847.75	6.546e+05
		4.509e+05	-9847.75	-1.06e-04	0.0	92.1	5.189e+04	-4557.22	103.69	4931.82	-451.41	4.509e+05
342	370	9.234e+05	142.47	0.06	-552.50	0.0	3.863e+04	-3216.50	124.86	7466.24	-1.117e+04	9.234e+05
		6.590e+05	-1.117e+04	8.68e-05	0.0	92.1	3.863e+04	-3769.00	124.86	7466.24	142.47	6.590e+05
342	372	6.548e+05	-443.47	0.04	-552.50	0.0	5.187e+04	-4004.27	102.42	4905.62	-9660.08	6.548e+05
		4.506e+05	-9660.08	-7.48e-05	0.0	92.1	5.187e+04	-4556.77	102.42	4905.62	-443.47	4.506e+05
342	373	8.277e+05	566.19	0.05	-552.50	0.0	4.309e+04	-3466.65	88.82	5201.91	-8082.32	8.277e+05
		5.894e+05	-8082.32	7.56e-04	0.0	92.1	4.309e+04	-4019.15	88.82	5201.91	566.19	5.894e+05
342	378	8.300e+05	-409.00	0.05	-552.50	0.0	4.338e+04	-3506.74	134.10	7332.28	-1.230e+04	8.300e+05
		5.846e+05	-1.230e+04	-5.55e-04	0.0	92.1	4.338e+04	-4059.24	134.10	7332.28	-409.00	5.846e+05
343	113	3.389e+06	3.693e+04	0.18	-745.88	0.0	1.632e+05	-1.483e+04	-602.77	3.444e+04	3.693e+04	3.389e+06
		2.467e+06	-1.857e+04	-6.92e-04	0.0	92.1	1.632e+05	-1.557e+04	-602.77	3.444e+04	-1.857e+04	2.467e+06
343	128	3.740e+06	3.064e+04	0.20	-552.50	0.0	1.723e+05	-1.617e+04	-625.44	7.222e+04	3.064e+04	3.740e+06
		2.739e+06	-2.695e+04	-8.82e-04	0.0	92.1	1.723e+05	-1.672e+04	-625.44	7.222e+04	-2.695e+04	2.739e+06
343	146	7.311e+05	7760.43	0.05	-552.50	0.0	4.484e+04	-3447.18	-93.07	-3900.51	7760.43	7.311e+05
		5.093e+05	-809.50	-4.13e-04	0.0	92.1	4.484e+04	-3999.68	-93.07	-3900.51	-809.50	5.093e+05
343	165	4.046e+06	3.596e+04	0.22	-745.88	0.0	1.896e+05	-1.763e+04	-679.21	6.745e+04	3.596e+04	4.046e+06
		2.950e+06	-2.658e+04	-8.07e-04	0.0	92.1	1.896e+05	-1.837e+04	-679.21	6.745e+04	-2.658e+04	2.950e+06
343	206	7.649e+05	1.013e+04	0.05	-552.50	0.0	4.403e+04	-3458.81	-111.68	-5058.66	1.013e+04	7.649e+05
		5.418e+05	-153.46	-1.34e-04	0.0	92.1	4.403e+04	-4011.31	-111.68	-5058.66	-153.46	5.418e+05
343	255	6.969e+05	1.030e+04	0.04	-552.50	0.0	4.776e+04	-3609.56	-112.75	-7012.27	1.030e+04	6.969e+05
		4.636e+05	-80.70	-1.35e-04	0.0	92.1	4.776e+04	-4162.06	-112.75	-7012.27	-80.70	4.636e+05
343	263	2.495e+06	2.718e+04	0.14	-552.50	0.0	1.198e+05	-1.090e+04	-444.40	2.578e+04	2.718e+04	2.495e+06
		1.817e+06	-1.374e+04	-4.89e-04	0.0	92.1	1.198e+05	-1.145e+04	-444.40	2.578e+04	-1.374e+04	1.817e+06
343	268	7.744e+05	8029.44	0.05	-552.50	0.0	4.546e+04	-3590.51	-92.27	-4872.58	8029.44	7.744e+05
		5.429e+05	-467.52	-3.55e-04	0.0	92.1	4.546e+04	-4143.01	-92.27	-4872.58	-467.52	5.429e+05
343	270	2.994e+06	2.534e+04	0.16	-552.50	0.0	1.402e+05	-1.302e+04	-490.05	5.126e+04	2.534e+04	2.994e+06
		2.184e+06	-1.978e+04	-6.70e-04	0.0	92.1	1.402e+05	-1.357e+04	-490.05	5.126e+04	-1.978e+04	2.184e+06
343	289	2.996e+06	2.669e+04	0.16	-552.50	0.0	1.403e+05	-1.304e+04	-503.40	5.010e+04	2.669e+04	2.996e+06
		2.185e+06	-1.967e+04	-5.79e-04	0.0	92.1	1.403e+05	-1.359e+04	-503.40	5.010e+04	-1.967e+04	2.185e+06
343	310	7.884e+05	9006.64	0.05	-552.50	0.0	4.521e+04	-3602.29	-102.28	-5602.45	9006.64	7.884e+05
		5.560e+05	-411.65	-2.78e-04	0.0	92.1	4.521e+04	-4154.79	-102.28	-5602.45	-411.65	5.560e+05
343	311	2.349e+06	2.503e+04	0.13	-552.50	0.0	1.103e+05	-1.016e+04	-414.60	2.687e+04	2.503e+04	2.349e+06
		1.715e+06	-1.315e+04	-3.04e-04	0.0	92.1	1.103e+05	-1.071e+04	-414.60	2.687e+04	-1.315e+04	1.715e+06
343	322	7.290e+05	1.096e+04	0.05	-552.50	0.0	4.687e+04	-3609.06	-116.33	-6979.28	1.096e+04	7.290e+05
		4.956e+05	246.61	-8.92e-05	0.0	92.1	4.687e+04	-4161.56	-116.33	-6979.28	246.61	4.956e+05
343	324	7.886e+05	9969.82	0.05	-552.50	0.0	4.522e+04	-3604.81	-108.12	-5896.67	9969.82	7.886e+05
		5.558e+05	13.39	-1.47e-04	0.0	92.1	4.522e+04	-4157.31	-108.12	-5896.67	13.39	5.558e+05
343	326	1.053e+06	1.009e+04	0.07	-552.50	0.0	3.186e+04	-2820.82	-114.03	-7076.07	1.009e+04	1.053e+06
		7.619e+05	-952.80	-5.51e-04	0.0	92.1	3.186e+04	-3373.32	-114.03	-7076.07	-952.80	7.619e+05
343	327	5.240e+05	9852.33	0.03	-552.50	0.0	5.858e+04	-4388.79	-102.22	-4717.26	9852.33	5.240e+05
		3.496e+05	979.59	3.56e-04	0.0	92.1	5.858e+04	-4941.29	-102.22	-4717.26	979.59	3.496e+05
343	341	8.547e+05	1.493e+04	0.06	-552.50	0.0	4.236e+04	-3412.10	-167.97	-1.108e+04	1.493e+04	8.547e+05
		6.041e+05	1157.81	1.37e-03	0.0	92.1	4.236e+04	-3964.60	-167.97	-1.108e+04	1157.81	6.041e+05
343	346	8.789e+05	5881.37	0.06	-552.50	0.0	4.027e+04	-3334.36	-61.31	-2162.27	5881.37	8.789e+05
		6.288e+05	-1490.68	-1.57e-03	0.0	92.1	4.027e+04	-3886.86	-61.31	-2162.27	-1490.68	6.288e+05
343	358	9.225e+05	1.009e+04	0.06	-552.50	0.0	3.855e+04	-3204.89	-112.56	-6861.52	1.009e+04	9.225e+05

		6.607e+05	-424.63	-3.02e-04	0.0	92.1	3.855e+04	-3757.39	-112.56	-6861.52	-424.63	6.607e+05
343	359	6.546e+05	9847.75	0.04	-552.50	0.0	5.189e+04	-4004.72	-103.69	-4931.82	9847.75	6.546e+05
		4.509e+05	451.41	1.06e-04	0.0	92.1	5.189e+04	-4557.22	-103.69	-4931.82	451.41	4.509e+05
343	361	9.234e+05	1.117e+04	0.06	-552.50	0.0	3.863e+04	-3216.50	-124.86	-7466.23	1.117e+04	9.234e+05
		6.590e+05	-142.47	-8.68e-05	0.0	92.1	3.863e+04	-3769.00	-124.86	-7466.23	-142.47	6.590e+05
343	363	6.548e+05	9660.08	0.04	-552.50	0.0	5.187e+04	-4004.27	-102.42	-4905.62	9660.08	6.548e+05
		4.506e+05	443.48	7.48e-05	0.0	92.1	5.187e+04	-4556.77	-102.42	-4905.62	443.48	4.506e+05
343	373	8.300e+05	1.230e+04	0.05	-552.50	0.0	4.338e+04	-3506.74	-134.10	-7332.27	1.230e+04	8.300e+05
		5.846e+05	409.00	5.55e-04	0.0	92.1	4.338e+04	-4059.24	-134.10	-7332.27	409.00	5.846e+05
343	378	8.277e+05	8082.31	0.05	-552.50	0.0	4.309e+04	-3466.65	-88.82	-5201.90	8082.31	8.277e+05
		5.894e+05	-566.18	-7.56e-04	0.0	92.1	4.309e+04	-4019.15	-88.82	-5201.90	-566.18	5.894e+05
344	146	7.303e+05	1455.77	0.05	-552.50	0.0	4.544e+04	-3483.83	340.44	6792.91	-2.989e+04	7.303e+05
		5.145e+05	-2.989e+04	-6.77e-04	0.0	92.1	4.544e+04	-4036.33	340.44	6792.91	1455.77	5.145e+05
344	165	3.673e+06	-2310.08	0.20	-745.88	0.0	1.717e+05	-1.586e+04	1678.51	1.146e+05	-1.505e+05	3.673e+06
		2.721e+06	-1.505e+05	-2.41e-03	-138.40	92.1	1.717e+05	-1.660e+04	1540.11	1.146e+05	-2310.08	2.721e+06
344	181	1.048e+06	4369.15	0.07	-745.88	0.0	6.360e+04	-4854.92	742.34	1.132e+04	-5.337e+04	1.048e+06
		7.478e+05	-5.337e+04	-7.46e-04	-230.67	92.1	6.360e+04	-5600.79	511.67	1.132e+04	4369.15	7.478e+05
344	206	7.677e+05	2013.04	0.05	-552.50	0.0	4.467e+04	-3497.49	327.38	5483.78	-2.813e+04	7.677e+05
		5.488e+05	-2.813e+04	-3.45e-04	0.0	92.1	4.467e+04	-4049.99	327.38	5483.78	2013.04	5.488e+05
344	255	6.956e+05	2655.88	0.05	-552.50	0.0	4.829e+04	-3535.60	401.75	5947.75	-3.436e+04	6.956e+05
		4.748e+05	-3.436e+04	-3.86e-04	0.0	92.1	4.829e+04	-4088.10	401.75	5947.75	2655.88	4.748e+05
344	268	7.726e+05	2385.41	0.05	-552.50	0.0	4.636e+04	-3551.12	399.04	7287.06	-3.436e+04	7.726e+05
		5.536e+05	-3.436e+04	-6.48e-04	0.0	92.1	4.636e+04	-4103.62	399.04	7287.06	2385.41	5.536e+05
344	289	2.719e+06	-1801.83	0.15	-552.50	0.0	1.270e+05	-1.174e+04	1227.09	8.466e+04	-1.105e+05	2.719e+06
		2.015e+06	-1.105e+05	-1.76e-03	-92.27	92.1	1.270e+05	-1.229e+04	1134.83	8.466e+04	-1801.83	2.015e+06
344	302	7.340e+05	3171.14	0.05	-552.50	0.0	4.791e+04	-3579.70	535.37	8607.68	-3.905e+04	7.340e+05
		5.123e+05	-3.905e+04	-5.35e-04	-153.78	92.1	4.791e+04	-4132.20	381.59	8607.68	3171.14	5.123e+05
344	309	7.897e+05	2792.91	0.05	-552.50	0.0	4.615e+04	-3567.33	389.98	6287.36	-3.312e+04	7.897e+05
		5.679e+05	-3.312e+04	-3.99e-04	0.0	92.1	4.615e+04	-4119.83	389.98	6287.36	2792.91	5.679e+05
344	311	2.177e+06	46.74	0.12	-552.50	0.0	1.025e+05	-9329.14	884.69	5.285e+04	-8.142e+04	2.177e+06
		1.614e+06	-8.142e+04	-1.20e-03	0.0	92.1	1.025e+05	-9881.64	884.69	5.285e+04	46.74	1.614e+06
344	322	7.290e+05	2948.85	0.05	-552.50	0.0	4.748e+04	-3539.61	395.99	5741.86	-3.352e+04	7.290e+05
		5.073e+05	-3.352e+04	-2.57e-04	0.0	92.1	4.748e+04	-4092.11	395.99	5741.86	2948.85	5.073e+05
344	324	7.897e+05	2792.91	0.05	-552.50	0.0	4.615e+04	-3567.33	389.98	6287.36	-3.312e+04	7.897e+05
		5.679e+05	-3.312e+04	-3.99e-04	0.0	92.1	4.615e+04	-4119.83	389.98	6287.36	2792.91	5.679e+05
344	326	1.067e+06	414.03	0.07	-552.50	0.0	3.200e+04	-4441.36	328.16	2948.35	-2.884e+04	1.067e+06
		7.814e+05	-2.884e+04	-8.29e-04	0.0	92.1	3.200e+04	-4993.86	328.16	2948.35	414.03	7.814e+05
344	327	5.119e+05	5171.78	0.03	-552.50	0.0	6.029e+04	-2693.30	451.79	9626.37	-3.740e+04	5.119e+05
		3.544e+05	-3.740e+04	3.40e-04	0.0	92.1	6.029e+04	-3245.80	451.79	9626.37	5171.78	3.544e+05
344	328	5.360e+05	4034.24	0.03	-552.50	0.0	5.832e+04	-2800.96	482.54	6707.51	-3.951e+04	5.360e+05
		3.733e+05	-3.951e+04	-8.33e-04	0.0	92.1	5.832e+04	-3353.46	482.54	6707.51	4034.24	3.733e+05
344	347	6.700e+05	5232.33	0.05	-552.50	0.0	5.334e+04	-3144.41	361.58	1.167e+04	-3.116e+04	6.700e+05
		4.755e+05	-3.116e+04	1.04e-03	0.0	92.1	5.334e+04	-3696.91	361.58	1.167e+04	5232.33	4.755e+05
344	357	9.253e+05	2059.30	0.06	-552.50	0.0	3.934e+04	-3962.91	346.66	4941.80	-3.001e+04	9.253e+05
		6.755e+05	-3.001e+04	-2.09e-04	0.0	92.1	3.934e+04	-4515.41	346.66	4941.80	2059.30	6.755e+05
344	360	6.541e+05	3526.51	0.04	-552.50	0.0	5.295e+04	-3171.74	433.29	7632.92	-3.622e+04	6.541e+05
		4.604e+05	-3.622e+04	-5.89e-04	0.0	92.1	5.295e+04	-3724.24	433.29	7632.92	3526.51	4.604e+05
344	362	9.283e+05	1712.95	0.06	-552.50	0.0	3.936e+04	-3997.50	354.70	5686.44	-3.069e+04	9.283e+05
		6.750e+05	-3.069e+04	-5.62e-04	0.0	92.1	3.936e+04	-4550.00	354.70	5686.44	1712.95	6.750e+05
344	367	6.522e+05	3906.32	0.04	-552.50	0.0	5.265e+04	-3130.51	424.56	6740.93	-3.537e+04	6.522e+05
		4.659e+05	-3.537e+04	2.41e-04	0.0	92.1	5.265e+04	-3683.01	424.56	6740.93	3906.32	4.659e+05
345	126	8.788e+05	2417.05	0.04	-612.50	0.0	4.905e+04	-1929.66	-187.12	-1.850e+04	2417.05	8.788e+05
		7.348e+05	-1.668e+04	-1.72e-04	0.0	102.1	4.905e+04	-2542.16	-187.12	-1.850e+04	-1.668e+04	7.348e+05
345	181	1.360e+06	6101.68	0.06	-826.88	0.0	7.505e+04	-3414.82	-284.81	-3.432e+04	6101.68	1.360e+06
		1.110e+06	-3.603e+04	-2.14e-04	-255.72	102.1	7.505e+04	-4241.69	-540.53	-3.432e+04	-3.603e+04	1.110e+06
345	187	4.005e+06	1569.25	0.16	-826.88	0.0	1.867e+05	-1.424e+04	-657.34	-4.869e+04	1569.25	4.005e+06
		3.037e+06	-7.337e+04	-2.19e-03	-153.43	102.1	1.867e+05	-1.507e+04	-810.78	-4.869e+04	-7.337e+04	3.037e+06
345	206	8.611e+05	3387.62	0.03	-612.50	0.0	4.962e+04	-1926.16	-187.96	-1.874e+04	3387.62	8.611e+05
		7.168e+05	-1.580e+04	-1.34e-04	0.0	102.1	4.962e+04	-2538.66	-187.96	-1.874e+04	-1.580e+04	7.168e+05
345	231	8.222e+05	4283.02	0.03	-612.50	0.0	5.266e+04	-2058.33	-243.83	-2.167e+04	4283.02	8.222e+05
		6.705e+05	-2.061e+04	1.68e-04	0.0	102.1	5.266e+04	-2670.83	-243.83	-2.167e+04	-2.061e+04	6.705e+05
345	269	9.020e+05	3610.81	0.04	-612.50	0.0	5.091e+04	-2050.72	-246.12	-2.234e+04	3610.81	9.020e+05
		7.490e+05	-2.151e+04	1.57e-04	0.0	102.1	5.091e+04	-2663.22	-246.12	-2.234e+04	-2.151e+04	7.490e+05
345	297	1.002e+06	4409.83	0.04	-612.50	0.0	5.541e+04	-2515.28	-208.14	-2.462e+04	4409.83	1.002e+06
		8.188e+05	-2.554e+04	-1.64e-04	-170.48	102.1	5.541e+04	-3127.78	-378.62	-2.462e+04	-2.554e+04	8.188e+05
345	300	2.744e+06	3624.90	0.11	-612.50	0.0	1.256e+05	-9991.35	-409.60	-4.353e+04	3624.90	2.744e+06
		2.063e+06	-4.341e+04	-1.32e-03	-102.29	102.1	1.256e+05	-1.060e+04	-511.89	-4.353e+04	-4.341e+04	2.063e+06
345	309	8.902e+05	4255.39	0.04	-612.50	0.0	5.129e+04	-2048.40	-246.69	-2.250e+04	4255.39	8.902e+05
		7.370e+05	-2.093e+04	1.57e-04	0.0	102.1	5.129e+04	-2660.90	-246.69	-2.250e+04	-2.093e+04	7.370e+05
345	313	2.271e+06	3884.32	0.09	-612.50	0.0	1.071e+05	-7997.96	-384.49	-3.676e+04	3884.32	2.271e+06
		1.721e+06	-3.537e+04	-1.01e-03	0.0	102.1	1.071e+05	-8610.46	-384.49	-3.676e+04	-3.537e+04	1.721e+06
345	316	8.316e+05	4695.55	0.03	-612.50	0.0	5.246e+04	-2054.35	-246.16	-2.192e+04	4695.55	8.316e+05
		6.794e+05	-2.043e+04	1.66e-04	0.0	102.1	5.246e+04	-2666.85	-246.16	-2.192e+04	-2.043e+04	6.794e+05
345	324	8.902e+05	4255.39	0.04	-612.50	0.0	5.129e+04	-2048.40	-246.69	-2.250e+04	4255.39	8.902e+05
		7.370e+05	-2.093e+04	1.57e-04	0.0	102.1	5.129e+04	-2660.90	-246.69	-2.250e+04	-2.093e+04	7.370e+05
345	330	5.802e+05	5908.73	0.02	-612.50	0.0	6.743e+04	-2600.25	-322.21	-1.452e+04	5908.73	5.802e+05
		4.773e+05	-2.754e+04	2.49e-04	0.0	102.1	6.743e+04	-3212.75	-322.21	-1.452e+04	-2.754e+04	4.773e+05

345	331	1.200e+06	2602.05	0.05	-612.50	0.0	3.515e+04	-1496.55	-171.16	-3.047e+04	2602.05	1.200e+06
		9.968e+05	-1.432e+04	-1.46e-04	0.0	102.1	3.515e+04	-2109.05	-171.16	-3.047e+04	-1.432e+04	9.968e+05
345	353	8.221e+05	7831.57	0.03	-612.50	0.0	5.322e+04	-1824.63	-285.94	-2.271e+04	7831.57	8.221e+05
		6.783e+05	-1.954e+04	1.25e-04	0.0	102.1	5.322e+04	-2437.13	-285.94	-2.271e+04	-1.954e+04	6.783e+05
345	358	7.313e+05	5149.02	0.03	-612.50	0.0	5.928e+04	-2328.81	-286.31	-1.855e+04	5149.02	7.313e+05
		6.030e+05	-2.423e+04	2.08e-04	0.0	102.1	5.928e+04	-2941.31	-286.31	-1.855e+04	-2.423e+04	6.030e+05
345	362	7.310e+05	5107.92	0.03	-612.50	0.0	5.948e+04	-2329.54	-285.11	-1.843e+04	5107.92	7.310e+05
		6.034e+05	-2.427e+04	2.04e-04	0.0	102.1	5.948e+04	-2942.04	-285.11	-1.843e+04	-2.427e+04	6.034e+05
345	363	1.050e+06	3402.86	0.04	-612.50	0.0	4.309e+04	-1767.26	-208.26	-2.656e+04	3402.86	1.050e+06
		8.706e+05	-1.758e+04	-1.21e-04	0.0	102.1	4.309e+04	-2379.76	-208.26	-2.656e+04	-1.758e+04	8.706e+05
345	381	8.547e+05	6037.32	0.03	-612.50	0.0	5.233e+04	-2097.65	-266.63	-2.256e+04	6037.32	8.547e+05
		7.063e+05	-2.028e+04	1.41e-04	0.0	102.1	5.233e+04	-2710.15	-266.63	-2.256e+04	-2.028e+04	7.063e+05
346	126	1.761e+05	7843.20	0.08	-552.50	0.0	1.683e+04	-7742.28	-122.70	-1.727e+04	7843.20	1.761e+05
		-4.605e+05	-3455.42	-4.89e-05	0.0	92.1	1.683e+04	-8294.78	-122.70	-1.727e+04	-3455.42	-4.605e+05
346	149	7.826e+05	1.047e+05	0.32	-745.88	0.0	5.026e+04	-2.535e+04	867.19	6.864e+04	2.481e+04	7.826e+05
		-1.149e+06	2.819e+04	-2.11e-03	0.0	92.1	5.026e+04	-2.609e+04	867.19	6.864e+04	2.481e+04	7.826e+05
346	150	7.230e+05	1.131e+05	0.29	-552.50	0.0	4.306e+04	-2.214e+04	1004.58	8.179e+04	2.056e+04	7.230e+05
		-9.383e+05	2.056e+04	-2.26e-03	0.0	92.1	4.306e+04	-2.269e+04	1004.58	8.179e+04	1.131e+05	-9.383e+05
346	187	7.811e+05	9.882e+04	0.32	-745.88	0.0	5.046e+04	-2.542e+04	867.59	6.444e+04	2.531e+04	7.811e+05
		-1.159e+06	2.819e+04	-1.99e-03	-138.40	92.1	5.046e+04	-2.616e+04	729.19	6.444e+04	2.531e+04	7.811e+05
346	201	5.965e+05	2.277e+04	0.15	-745.88	0.0	3.506e+04	-1.931e+04	-410.36	-3.105e+04	2.277e+04	5.965e+05
		-8.920e+05	-2.564e+04	-2.29e-04	-230.67	92.1	3.506e+04	-2.005e+04	-641.03	-3.105e+04	-2.564e+04	-8.920e+05
346	265	4.752e+05	2.672e+04	0.20	-552.50	0.0	3.285e+04	-1.634e+04	127.68	5704.90	1.496e+04	4.752e+05
		-7.851e+05	1.496e+04	-7.17e-04	0.0	92.1	3.285e+04	-1.689e+04	127.68	5704.90	2.672e+04	-7.851e+05
346	269	1.714e+05	8935.69	0.08	-552.50	0.0	1.780e+04	-8080.41	-183.05	-2.198e+04	8935.69	1.714e+05
		-5.002e+05	-7919.76	1.47e-04	0.0	92.1	1.780e+04	-8632.91	-183.05	-2.198e+04	-7919.76	-5.002e+05
346	270	1.449e+05	4.200e+04	0.09	-552.50	0.0	2.389e+04	-1.008e+04	301.74	1.130e+04	1.421e+04	1.449e+05
		-7.368e+05	1.421e+04	-3.81e-04	0.0	92.1	2.389e+04	-1.063e+04	301.74	1.130e+04	4.200e+04	-7.368e+05
346	281	5.387e+05	3.819e+04	0.22	-552.50	0.0	3.285e+04	-1.684e+04	257.15	1.971e+04	1.451e+04	5.387e+05
		-7.296e+05	1.451e+04	-1.09e-03	0.0	92.1	3.285e+04	-1.739e+04	257.15	1.971e+04	3.819e+04	-7.296e+05
346	300	5.378e+05	3.430e+04	0.22	-552.50	0.0	3.299e+04	-1.688e+04	257.42	1.691e+04	1.484e+04	5.378e+05
		-7.360e+05	1.484e+04	-1.01e-03	-92.27	92.1	3.299e+04	-1.743e+04	165.15	1.691e+04	3.430e+04	-7.360e+05
346	305	5.111e+05	1.690e+04	0.11	-552.50	0.0	2.618e+04	-1.528e+04	-548.96	3.578e+04	1.690e+04	5.111e+05
		-6.419e+05	-3.790e+04	-2.98e-04	-92.27	92.1	2.618e+04	-1.583e+04	-641.23	-3.578e+04	-3.790e+04	-6.419e+05
346	310	1.525e+05	9318.89	0.08	-552.50	0.0	1.834e+04	-8122.89	-160.57	-2.184e+04	9318.89	1.525e+05
		-5.348e+05	-5466.47	2.55e-04	0.0	92.1	1.834e+04	-8675.39	-160.57	-2.184e+04	-5466.47	-5.348e+05
346	313	4.279e+05	2.836e+04	0.18	-552.50	0.0	2.963e+04	-1.469e+04	159.91	9414.08	1.363e+04	4.279e+05
		-7.086e+05	1.363e+04	-6.31e-04	0.0	92.1	2.963e+04	-1.524e+04	159.91	9414.08	2.836e+04	-7.086e+05
346	314	4.079e+05	1.518e+04	0.10	-552.50	0.0	2.452e+04	-1.348e+04	-444.88	-3.010e+04	1.518e+04	4.079e+05
		-6.380e+05	-2.579e+04	1.39e-04	0.0	92.1	2.452e+04	-1.404e+04	-444.88	-3.010e+04	-2.579e+04	-6.380e+05
346	324	1.490e+05	9526.99	0.08	-552.50	0.0	1.842e+04	-8125.36	-165.46	-2.177e+04	9526.99	1.490e+05
		-5.424e+05	-5709.09	4.24e-04	0.0	92.1	1.842e+04	-8677.86	-165.46	-2.177e+04	-5709.09	-5.424e+05
346	329	2.038e+04	1.410e+04	0.05	-552.50	0.0	2.327e+04	-6824.49	-85.54	-1.698e+04	1.410e+04	2.038e+04
		-6.859e+05	3836.17	1.25e-03	0.0	92.1	2.327e+04	-7376.99	-85.54	-1.698e+04	3836.17	-6.859e+05
346	332	2.775e+05	4954.48	0.10	-552.50	0.0	1.358e+04	-9426.22	-245.38	-2.656e+04	4954.48	2.775e+05
		-3.990e+05	-1.525e+04	-3.98e-04	0.0	92.1	1.358e+04	-9978.72	-245.38	-2.656e+04	-1.525e+04	-3.990e+05
346	333	2.183e+04	1.434e+04	0.05	-552.50	0.0	2.311e+04	-6881.29	-95.45	-1.769e+04	1.434e+04	2.183e+04
		-6.812e+05	3318.59	1.14e-03	0.0	92.1	2.311e+04	-7433.79	-95.45	-1.769e+04	3318.59	-6.812e+05
346	335	2.575e+05	5667.72	0.10	-552.50	0.0	1.413e+04	-9303.48	-272.99	-2.764e+04	5667.72	2.575e+05
		-4.182e+05	-1.726e+04	-1.02e-04	0.0	92.1	1.413e+04	-9855.98	-272.99	-2.764e+04	-1.726e+04	-4.182e+05
346	340	2.776e+05	4904.48	0.10	-552.50	0.0	1.364e+04	-9414.20	-243.70	-2.632e+04	4904.48	2.776e+05
		-4.005e+05	-1.527e+04	-3.65e-04	0.0	92.1	1.364e+04	-9966.70	-243.70	-2.632e+04	-1.527e+04	-4.005e+05
346	361	8.367e+04	1.182e+04	0.06	-552.50	0.0	2.086e+04	-7461.54	-124.33	-1.930e+04	1.182e+04	8.367e+04
		-6.142e+05	-860.31	8.35e-04	0.0	92.1	2.086e+04	-8014.04	-124.33	-1.930e+04	-860.31	-6.142e+05
346	364	2.143e+05	7238.36	0.09	-552.50	0.0	1.599e+04	-8789.17	-206.59	-2.423e+04	7238.36	2.143e+05
		-4.706e+05	-1.056e+04	5.57e-05	0.0	92.1	1.599e+04	-9341.67	-206.59	-2.423e+04	-1.056e+04	-4.706e+05
346	365	8.482e+04	1.185e+04	0.06	-552.50	0.0	2.075e+04	-7481.39	-126.51	-1.943e+04	1.185e+04	8.482e+04
		-6.110e+05	-958.97	8.61e-04	0.0	92.1	2.075e+04	-8033.89	-126.51	-1.943e+04	-958.97	-6.110e+05
346	367	2.047e+05	7506.57	0.09	-552.50	0.0	1.624e+04	-8720.28	-217.44	-2.455e+04	7506.57	2.047e+05
		-4.793e+05	-1.139e+04	2.45e-04	0.0	92.1	1.624e+04	-9272.78	-217.44	-2.455e+04	-1.139e+04	-4.793e+05
346	372	2.143e+05	7213.42	0.09	-552.50	0.0	1.602e+04	-8783.23	-205.73	-2.411e+04	7213.42	2.143e+05
		-4.714e+05	-1.056e+04	6.78e-05	0.0	92.1	1.602e+04	-9335.73	-205.73	-2.411e+04	-1.056e+04	-4.714e+05
347	49	4.002e+06	422.97	0.16	-826.88	0.0	1.870e+05	-1.426e+04	-683.16	-4.354e+04	422.97	4.002e+06
		3.037e+06	-6.932e+04	-2.49e-03	0.0	102.1	1.870e+05	-1.508e+04	-683.16	-4.354e+04	-6.932e+04	3.037e+06
347	124	8.609e+05	2294.05	0.04	-612.50	0.0	4.946e+04	-1939.32	-190.36	-1.810e+04	2294.05	8.609e+05
		7.169e+05	-1.714e+04	-3.20e-04	0.0	102.1	4.946e+04	-2551.82	-190.36	-1.810e+04	-1.714e+04	7.169e+05
347	140	8.490e+05	2420.11	0.03	-612.50	0.0	4.987e+04	-1937.02	-190.30	-1.828e+04	2420.11	8.490e+05
		7.048e+05	-1.701e+04	-2.72e-04	0.0	102.1	4.987e+04	-2549.52	-190.30	-1.828e+04	-1.701e+04	7.048e+05
347	181	1.210e+06	6101.23	0.05	-826.88	0.0	7.011e+04	-2814.84	-294.22	-3.595e+04	6101.23	1.210e+06
		1.000e+06	-3.699e+04	2.23e-04	-255.72	102.1	7.011e+04	-3641.71	-549.94	-3.595e+04	-3.699e+04	1.000e+06
347	231	2.743e+06	2815.05	0.11	-612.50	0.0	1.258e+05	-1.001e+04	-426.39	-4.003e+04	2815.05	2.743e+06
		2.063e+06	-4.071e+04	-1.59e-03	0.0	102.1	1.258e+05	-1.062e+04	-426.39	-4.003e+04	-4.071e+04	2.063e+06
347	239	8.690e+05	3835.84	0.04	-612.50	0.0	5.089e+04	-2102.90	-243.02	-2.212e+04	3835.84	8.690e+05
		7.131e+05	-2.097e+04	-2.00e-04	0.0	102.1	5.089e+04	-2715.40	-243.02	-2.212e+04	-2.097e+04	7.131e+05
347	281	8.086e+05	3949.62	0.03	-612.50	0.0	5.302e+04	-2042.44	-258.65	-2.288e+04	3949.62	8.086e+05
		6.547e+05	-2.245e+04	2.37e-04	0.0	102.1	5.302e+04	-2654.94	-258.65	-2.288e+04	-2.245e+04	6.547e+05
347	302	8.374e+05	4661.16	0.03	-612.50	0.0	5.286e+04	-2058.49	-222.73	-2.635e+04	4661.16	8.374e+05

		6.826e+05-2.678e+04	2.48e-04	-170.48	102.1	5.286e+04	-2670.99	-393.21-2.635e+04-2.678e+04	6.826e+05
347	313	8.286e+05 4527.70	0.03	-612.50	0.0	5.265e+04	-2041.01	-255.49-2.305e+04 4527.70	8.286e+05
		6.745e+05-2.155e+04	2.57e-04	0.0	102.1	5.265e+04	-2653.51	-255.49-2.305e+04-2.155e+04	6.745e+05
347	316	2.278e+06 3610.52	0.09	-612.50	0.0	1.072e+05	-8014.38	-382.82-3.580e+04 3610.52	2.278e+06
		1.729e+06-3.547e+04	-1.14e-03	0.0	102.1	1.072e+05	-8626.88	-382.82-3.580e+04-3.547e+04	1.729e+06
347	318	8.720e+05 4376.11	0.04	-612.50	0.0	5.099e+04	-2086.95	-245.29-2.237e+04 4376.11	8.720e+05
		7.164e+05-2.066e+04	1.47e-04	0.0	102.1	5.099e+04	-2699.45	-245.29-2.237e+04-2.066e+04	7.164e+05
347	319	8.393e+05 4723.39	0.03	-612.50	0.0	5.230e+04	-2056.67	-245.57-2.210e+04 4723.39	8.393e+05
		6.868e+05-2.035e+04	1.82e-04	0.0	102.1	5.230e+04	-2669.17	-245.57-2.210e+04-2.035e+04	6.868e+05
347	324	8.912e+05 4256.68	0.04	-612.50	0.0	5.132e+04	-2052.86	-246.74-2.253e+04 4256.68	8.912e+05
		7.377e+05-2.093e+04	1.56e-04	0.0	102.1	5.132e+04	-2665.36	-246.74-2.253e+04-2.093e+04	7.377e+05
347	327	1.051e+06 3749.02	0.04	-612.50	0.0	4.209e+04	-2313.36	-206.27-2.710e+04 3749.02	1.051e+06
		8.719e+05-1.695e+04	1.85e-04	0.0	102.1	4.209e+04	-2925.86	-206.27-2.710e+04-1.695e+04	8.719e+05
347	330	7.315e+05 4504.00	0.03	-612.50	0.0	6.108e+04	-1792.67	-287.58-1.753e+04 4504.00	7.315e+05
		6.037e+05-2.492e+04	-3.45e-04	0.0	102.1	6.108e+04	-2405.17	-287.58-1.753e+04-2.492e+04	6.037e+05
347	331	1.051e+06 4009.36	0.04	-612.50	0.0	4.157e+04	-2313.06	-205.90-2.752e+04 4009.36	1.051e+06
		8.717e+05-1.694e+04	2.69e-04	0.0	102.1	4.157e+04	-2925.56	-205.90-2.752e+04-1.694e+04	8.717e+05
347	334	7.311e+05 4798.33	0.03	-612.50	0.0	6.044e+04	-1794.09	-285.91-1.792e+04 4798.33	7.311e+05
		6.035e+05-2.475e+04	-1.94e-04	0.0	102.1	6.044e+04	-2406.59	-285.91-1.792e+04-2.475e+04	6.035e+05
347	353	8.092e+05 8510.14	0.03	-612.50	0.0	4.987e+04	-1888.69	-272.07-2.543e+04 8510.14	8.092e+05
		7.147e+05-1.905e+04	9.01e-04	0.0	102.1	4.987e+04	-2501.19	-272.07-2.543e+04-1.905e+04	7.147e+05
347	359	9.734e+05 3935.98	0.04	-612.50	0.0	4.682e+04	-2170.13	-225.73-2.508e+04 3935.98	9.734e+05
		8.088e+05-1.904e+04	1.70e-04	0.0	102.1	4.682e+04	-2782.63	-225.73-2.508e+04-1.904e+04	8.088e+05
347	362	8.092e+05 4393.88	0.03	-612.50	0.0	5.626e+04	-1920.22	-267.48-1.999e+04 4393.88	8.092e+05
		6.689e+05-2.294e+04	-2.18e-04	0.0	102.1	5.626e+04	-2532.72	-267.48-1.999e+04-2.294e+04	6.689e+05
347	363	9.732e+05 4119.47	0.04	-612.50	0.0	4.639e+04	-2185.51	-226.00-2.506e+04 4119.47	9.732e+05
		8.065e+05-1.892e+04	2.07e-04	0.0	102.1	4.639e+04	-2798.01	-226.00-2.506e+04-1.892e+04	8.065e+05
347	366	8.090e+05 4594.07	0.03	-612.50	0.0	5.577e+04	-1936.45	-267.11-1.996e+04 4594.07	8.090e+05
		6.665e+05-2.274e+04	1.48e-04	0.0	102.1	5.577e+04	-2548.95	-267.11-1.996e+04-2.274e+04	6.665e+05
347	385	8.747e+05 6374.83	0.04	-612.50	0.0	5.063e+04	-1970.33	-259.46-2.396e+04 6374.83	8.747e+05
		7.256e+05-2.001e+04	4.65e-04	0.0	102.1	5.063e+04	-2582.83	-259.46-2.396e+04-2.001e+04	7.256e+05
348	49	3.314e+06 -7183.87	-0.22	-745.88	0.0	1.372e+05	1.853e+04	-1525.31-1.067e+05 -7183.87	2.259e+06
		2.259e+06-1.476e+05	3.64e-03	0.0	92.1	1.372e+05	1.779e+04	-1525.31-1.067e+05-1.476e+05	3.314e+06
348	126	7.741e+05 1201.78	-0.05	-552.50	0.0	4.023e+04	4038.63	-334.54 -6730.95 1201.78	5.577e+05
		5.577e+05-2.960e+04	6.91e-04	0.0	92.1	4.023e+04	3486.13	-334.54 -6730.95-2.960e+04	7.741e+05
348	140	7.574e+05 1311.45	-0.05	-552.50	0.0	4.061e+04	4034.84	-336.84 -6778.77 1311.45	5.414e+05
		5.414e+05-2.971e+04	6.88e-04	0.0	92.1	4.061e+04	3482.34	-336.84 -6778.77-2.971e+04	7.574e+05
348	181	1.074e+06 4285.25	-0.07	-745.88	0.0	5.715e+04	5595.47	-508.31-1.129e+04 4285.25	7.740e+05
		7.740e+05-5.314e+04	9.09e-04	-230.67	92.1	5.715e+04	4849.59	-738.98-1.129e+04-5.314e+04	1.074e+06
348	231	2.257e+06 -3303.41	-0.15	-552.50	0.0	9.147e+04	1.271e+04	-921.69-4.670e+04 -3303.41	1.535e+06
		1.535e+06-8.818e+04	2.23e-03	0.0	92.1	9.147e+04	1.215e+04	-921.69-4.670e+04-8.818e+04	2.257e+06
348	243	7.186e+05 2609.21	-0.05	-552.50	0.0	4.353e+04	4086.00	-398.65 -5906.32 2609.21	4.980e+05
		4.980e+05-3.410e+04	5.47e-04	0.0	92.1	4.353e+04	3533.50	-398.65 -5906.32-3.410e+04	7.186e+05
348	269	7.944e+05 2251.97	-0.05	-552.50	0.0	4.169e+04	4109.60	-395.03 -7171.25 2251.97	5.745e+05
		5.745e+05-3.412e+04	7.01e-04	0.0	92.1	4.169e+04	3557.10	-395.03 -7171.25-3.412e+04	7.944e+05
348	302	7.423e+05 3729.90	-0.05	-552.50	0.0	4.313e+04	4118.12	-375.73 -7645.72 3729.90	5.224e+05
		5.224e+05-3.795e+04	5.92e-04	-153.78	92.1	4.313e+04	3565.62	-529.50 -7645.72-3.795e+04	7.423e+05
348	309	7.911e+05 2784.19	-0.05	-552.50	0.0	4.186e+04	4113.47	-390.70 -6433.99 2784.19	5.697e+05
		5.697e+05-3.319e+04	5.66e-04	0.0	92.1	4.186e+04	3560.97	-390.70 -6433.99-3.319e+04	7.911e+05
348	313	7.337e+05 3507.79	-0.05	-552.50	0.0	4.299e+04	4095.21	-395.61 -5997.75 3507.79	5.145e+05
		5.145e+05-3.292e+04	5.05e-04	0.0	92.1	4.299e+04	3542.71	-395.61 -5997.75-3.292e+04	7.337e+05
348	316	1.888e+06 -1427.59	-0.13	-552.50	0.0	7.911e+04	1.055e+04	-787.95-3.636e+04 -1427.59	1.291e+06
		1.291e+06-7.398e+04	1.74e-03	0.0	92.1	7.911e+04	9998.29	-787.95-3.636e+04-7.398e+04	1.888e+06
348	319	7.338e+05 3006.87	-0.05	-552.50	0.0	4.315e+04	4086.42	-395.67 -5770.51 3006.87	5.127e+05
		5.127e+05-3.343e+04	4.77e-04	0.0	92.1	4.315e+04	3533.92	-395.67 -5770.51-3.343e+04	7.338e+05
348	324	7.911e+05 2784.19	-0.05	-552.50	0.0	4.186e+04	4113.47	-390.70 -6433.99 2784.19	5.697e+05
		5.697e+05-3.319e+04	5.66e-04	0.0	92.1	4.186e+04	3560.97	-390.70 -6433.99-3.319e+04	7.911e+05
348	330	6.540e+05 3104.09	-0.04	-552.50	0.0	5.021e+04	3697.77	-448.00 -8602.71 3104.09	4.592e+05
		4.592e+05-3.820e+04	9.68e-04	0.0	92.1	5.021e+04	3145.27	-448.00 -8602.71-3.820e+04	6.540e+05
348	331	9.281e+05 2464.29	-0.06	-552.50	0.0	3.352e+04	4529.16	-333.40 -4265.27 2464.29	6.803e+05
		6.803e+05-2.818e+04	2.16e-04	0.0	92.1	3.352e+04	3976.66	-333.40 -4265.27-2.818e+04	9.281e+05
348	350	7.380e+05 854.86	-0.05	-552.50	0.0	4.691e+04	4077.72	-442.45-1.044e+04 854.86	5.194e+05
		5.194e+05-3.987e+04	1.94e-03	0.0	92.1	4.691e+04	3525.22	-442.45-1.044e+04-3.987e+04	7.380e+05
348	353	7.644e+05 5308.50	-0.05	-552.50	0.0	4.129e+04	3883.47	-365.82 -3090.26 5308.50	5.572e+05
		5.572e+05-2.842e+04	-1.13e-03	0.0	92.1	4.129e+04	3330.97	-365.82 -3090.26-2.842e+04	7.644e+05
348	358	7.191e+05 3140.12	-0.05	-552.50	0.0	4.597e+04	3893.92	-418.15 -7431.73 3140.12	5.124e+05
		5.124e+05-3.532e+04	6.73e-04	0.0	92.1	4.597e+04	3341.42	-418.15 -7431.73-3.532e+04	7.191e+05
348	359	8.631e+05 2428.26	-0.06	-552.50	0.0	3.776e+04	4333.01	-363.24 -5436.26 2428.26	6.270e+05
		6.270e+05-3.106e+04	4.64e-04	0.0	92.1	3.776e+04	3780.51	-363.24 -5436.26-3.106e+04	8.631e+05
348	362	7.206e+05 2954.15	-0.05	-552.50	0.0	4.608e+04	3901.64	-419.56 -7518.73 2954.15	5.130e+05
		5.130e+05-3.571e+04	7.61e-04	0.0	92.1	4.608e+04	3349.14	-419.56 -7518.73-3.571e+04	7.206e+05
348	363	8.616e+05 2614.23	-0.06	-552.50	0.0	3.765e+04	4325.30	-361.83 -5349.25 2614.23	6.265e+05
		6.265e+05-3.068e+04	3.84e-04	0.0	92.1	3.765e+04	3772.80	-361.83 -5349.25-3.068e+04	8.616e+05
348	382	7.639e+05 1828.48	-0.05	-552.50	0.0	4.439e+04	4094.07	-416.53 -8433.54 1828.48	5.442e+05
		5.442e+05-3.652e+04	1.21e-03	0.0	92.1	4.439e+04	3541.57	-416.53 -8433.54-3.652e+04	7.639e+05
348	385	7.772e+05 4042.32	-0.05	-552.50	0.0	4.160e+04	3997.66	-378.46 -4764.06 4042.32	5.630e+05
		5.630e+05-3.083e+04	-3.61e-04	0.0	92.1	4.160e+04	3445.16	-378.46 -4764.06-3.083e+04	7.772e+05

349	126	8.698e+05	3495.54	0.04	-612.50	0.0	4.801e+04	-1652.43	54.59	5223.81	-2077.25	8.698e+05
		7.437e+05	-2077.25	-1.14e-04	0.0	102.1	4.801e+04	-2264.93	54.59	5223.81	3495.54	7.437e+05
349	149	4.365e+06	8.479e+04	0.18	-826.88	0.0	2.042e+05	-1.473e+04	1160.07	1.550e+05	-3.364e+04	4.365e+06
		3.343e+06	-3.364e+04	-2.03e-03	0.0	102.1	2.042e+05	-1.556e+04	1160.07	1.550e+05	8.479e+04	3.343e+06
349	187	4.368e+06	8.579e+04	0.18	-826.88	0.0	2.043e+05	-1.473e+04	1167.21	1.547e+05	-3.336e+04	4.368e+06
		3.346e+06	-3.336e+04	-2.04e-03	0.0	102.1	2.043e+05	-1.555e+04	1167.21	1.547e+05	8.579e+04	3.346e+06
349	206	8.483e+05	4317.07	0.03	-612.50	0.0	4.879e+04	-1653.75	52.80	4884.10	-1072.82	8.483e+05
		7.221e+05	-1072.82	-9.95e-05	0.0	102.1	4.879e+04	-2266.25	52.80	4884.10	4317.07	7.221e+05
349	231	7.999e+05	4852.48	0.03	-612.50	0.0	5.200e+04	-1669.90	55.81	4767.24	-845.24	7.999e+05
		6.745e+05	-845.24	-9.39e-05	0.0	102.1	5.200e+04	-2282.40	55.81	4767.24	4852.48	6.745e+05
349	269	8.851e+05	3196.76	0.04	-612.50	0.0	4.956e+04	-1671.39	46.65	4690.63	-1565.65	8.851e+05
		7.590e+05	-1565.65	-8.77e-05	0.0	102.1	4.956e+04	-2283.89	46.65	4690.63	3196.76	7.590e+05
349	281	2.907e+06	5.568e+04	0.12	-612.50	0.0	1.325e+05	-1.025e+04	741.72	9.540e+04	-2.004e+04	2.907e+06
		2.192e+06	-2.004e+04	-1.17e-03	0.0	102.1	1.325e+05	-1.086e+04	741.72	9.540e+04	5.568e+04	2.192e+06
349	300	2.909e+06	5.635e+04	0.12	-612.50	0.0	1.326e+05	-1.025e+04	746.47	9.517e+04	-1.986e+04	2.909e+06
		2.194e+06	-1.986e+04	-1.17e-03	0.0	102.1	1.326e+05	-1.086e+04	746.47	9.517e+04	5.635e+04	2.194e+06
349	309	8.708e+05	3743.04	0.04	-612.50	0.0	5.008e+04	-1672.26	45.47	4464.65	-898.64	8.708e+05
		7.446e+05	-898.64	-8.05e-05	0.0	102.1	5.008e+04	-2284.76	45.47	4464.65	3743.04	7.446e+05
349	313	2.390e+06	4.311e+04	0.10	-612.50	0.0	1.122e+05	-8106.91	566.81	7.249e+04	-1.476e+04	2.390e+06
		1.823e+06	-1.476e+04	-8.92e-04	0.0	102.1	1.122e+05	-8719.41	566.81	7.249e+04	4.311e+04	1.823e+06
349	316	8.091e+05	4799.19	0.03	-612.50	0.0	5.178e+04	-1670.93	51.11	4622.15	-418.21	8.091e+05
		6.834e+05	-418.21	-8.74e-05	0.0	102.1	5.178e+04	-2283.43	51.11	4622.15	4799.19	6.834e+05
349	324	8.708e+05	3743.04	0.04	-612.50	0.0	5.008e+04	-1672.26	45.47	4464.65	-898.64	8.708e+05
		7.446e+05	-898.64	-8.05e-05	0.0	102.1	5.008e+04	-2284.76	45.47	4464.65	3743.04	7.446e+05
349	325	5.833e+05	1446.86	0.02	-612.50	0.0	6.530e+04	-2038.65	9.73	6612.58	-1264.45	5.833e+05
		4.903e+05	-1264.45	-9.27e-05	0.0	102.1	6.530e+04	-2651.15	9.73	6612.58	1446.86	4.903e+05
349	326	5.772e+05	780.82	0.02	-612.50	0.0	6.486e+04	-2030.63	15.42	7356.80	-2013.12	5.772e+05
		4.846e+05	-2013.12	-1.65e-05	0.0	102.1	6.486e+04	-2643.13	15.42	7356.80	780.82	4.846e+05
349	327	1.164e+06	6705.26	0.05	-612.50	0.0	3.530e+04	-1313.90	75.51	1572.50	-215.85	1.164e+06
		1.005e+06	-215.85	-1.56e-04	0.0	102.1	3.530e+04	-1926.40	75.51	1572.50	6705.26	1.005e+06
349	328	1.158e+06	6039.22	0.05	-612.50	0.0	3.486e+04	-1305.88	81.21	2316.72	-532.82	1.158e+06
		9.989e+05	-532.82	-9.01e-05	0.0	102.1	3.486e+04	-1918.38	81.21	2316.72	6039.22	9.989e+05
349	337	5.826e+05	6970.83	0.02	-612.50	0.0	6.481e+04	-2042.81	74.89	6653.62	-748.20	5.826e+05
		4.897e+05	-748.20	-1.23e-04	0.0	102.1	6.481e+04	-2655.31	74.89	6653.62	6970.83	4.897e+05
349	350	7.770e+05	1187.16	0.03	-612.50	0.0	5.530e+04	-1751.90	48.67	6415.56	-4217.24	7.770e+05
		6.611e+05	-4217.24	-9.12e-05	0.0	102.1	5.530e+04	-2364.40	48.67	6415.56	1187.16	6.611e+05
349	359	1.021e+06	5391.78	0.04	-612.50	0.0	4.250e+04	-1489.99	61.15	3067.61	-124.66	1.021e+06
		8.776e+05	-124.66	-1.12e-04	0.0	102.1	4.250e+04	-2102.49	61.15	3067.61	5391.78	8.776e+05
349	362	7.204e+05	2139.08	0.03	-612.50	0.0	5.781e+04	-1852.82	30.65	5920.57	-1734.26	7.204e+05
		6.113e+05	-1734.26	-6.35e-05	0.0	102.1	5.781e+04	-2465.32	30.65	5920.57	2139.08	6.113e+05
349	363	1.021e+06	5347.00	0.04	-612.50	0.0	4.235e+04	-1491.70	60.29	3008.72	-63.02	1.021e+06
		8.778e+05	-63.02	-1.06e-04	0.0	102.1	4.235e+04	-2104.20	60.29	3008.72	5347.00	8.778e+05
349	365	7.226e+05	5425.41	0.03	-612.50	0.0	5.771e+04	-1859.47	61.38	5638.45	-134.99	7.226e+05
		6.132e+05	-134.99	-1.07e-04	0.0	102.1	5.771e+04	-2471.97	61.38	5638.45	5425.41	6.132e+05
349	382	8.227e+05	2465.46	0.03	-612.50	0.0	5.272e+04	-1713.33	46.91	5442.14	-2544.81	8.227e+05
		7.017e+05	-2544.81	-7.66e-05	0.0	102.1	5.272e+04	-2325.83	46.91	5442.14	2465.46	7.017e+05
350	25	7.716e+05	9.670e+04	0.35	-745.88	0.0	5.521e+04	-2.646e+04	1071.09	1.304e+05	-1929.80	7.716e+05
		-1.297e+06	-1929.80	-2.00e-03	0.0	92.1	5.521e+04	-2.720e+04	1071.09	1.304e+05	9.670e+04	-1.297e+06
350	34	7.180e+05	1.317e+05	0.16	-552.50	0.0	3.910e+04	-2.116e+04	1678.97	1.200e+05	-2.293e+04	7.180e+05
		-8.943e+05	-2.293e+04	-1.67e-03	0.0	92.1	3.910e+04	-2.171e+04	1678.97	1.200e+05	1.317e+05	-8.943e+05
350	126	1.616e+05	-3462.36	0.07	-552.50	0.0	1.671e+04	-7329.64	-128.12	4169.20	-3462.36	1.616e+05
		-4.627e+05	-1.526e+04	-3.33e-04	0.0	92.1	1.671e+04	-7882.14	-128.12	4169.20	-1.526e+04	-4.627e+05
350	187	7.712e+05	9.498e+04	0.35	-745.88	0.0	5.520e+04	-2.646e+04	1055.00	1.298e+05	-2164.27	7.712e+05
		-1.297e+06	-2164.27	-1.95e-03	0.0	92.1	5.520e+04	-2.720e+04	1055.00	1.298e+05	9.498e+04	-1.297e+06
350	205	1.847e+05	-6190.22	0.10	-745.88	0.0	2.423e+04	-1.025e+04	-345.55	4569.88	-6190.22	1.847e+05
		-7.152e+05	-3.801e+04	3.88e-04	0.0	92.1	2.423e+04	-1.099e+04	-345.55	4569.88	-3.801e+04	-7.152e+05
350	219	5.203e+05	3.491e+04	0.23	-552.50	0.0	3.428e+04	-1.678e+04	399.89	5.577e+04	-1908.22	5.203e+05
		-7.748e+05	-1908.22	-1.03e-03	0.0	92.1	3.428e+04	-1.733e+04	399.89	5.577e+04	3.491e+04	-7.748e+05
350	223	5.174e+05	5.188e+04	0.11	-552.50	0.0	2.735e+04	-1.496e+04	767.12	4.825e+04	-1.876e+04	5.174e+05
		-6.256e+05	-1.876e+04	-6.76e-04	0.0	92.1	2.735e+04	-1.552e+04	767.12	4.825e+04	5.188e+04	-6.256e+05
350	231	6.440e+04	-4198.12	0.06	-552.50	0.0	1.990e+04	-7688.92	-378.61	493.14	-4198.12	6.440e+04
		-6.549e+05	-3.906e+04	5.72e-04	0.0	92.1	1.990e+04	-8241.42	-378.61	493.14	-3.906e+04	-6.549e+05
350	265	4.579e+05	1.617e+04	0.21	-552.50	0.0	3.376e+04	-1.610e+04	213.61	4.434e+04	-3498.55	4.579e+05
		-8.139e+05	-3498.55	-7.97e-04	0.0	92.1	3.376e+04	-1.665e+04	213.61	4.434e+04	1.617e+04	-8.139e+05
350	269	1.544e+05	-3917.98	0.08	-552.50	0.0	1.739e+04	-7524.90	-183.64	3341.36	-3917.98	1.544e+05
		-4.939e+05	-2.083e+04	-2.45e-04	0.0	92.1	1.739e+04	-8077.40	-183.64	3341.36	-2.083e+04	-4.939e+05
350	310	1.369e+05	-4366.24	0.07	-552.50	0.0	1.790e+04	-7568.08	-223.26	3236.28	-4366.24	1.369e+05
		-5.268e+05	-2.492e+04	-2.11e-04	0.0	92.1	1.790e+04	-8120.58	-223.26	3236.28	-2.492e+04	-5.268e+05
350	313	4.144e+05	1.523e+04	0.19	-552.50	0.0	3.046e+04	-1.450e+04	196.92	4.301e+04	-2904.59	4.144e+05
		-7.322e+05	-2904.59	-6.34e-04	0.0	92.1	3.046e+04	-1.505e+04	196.92	4.301e+04	1.523e+04	-7.322e+05
350	314	4.122e+05	2.795e+04	0.10	-552.50	0.0	2.527e+04	-1.314e+04	472.35	3.737e+04	-1.554e+04	4.122e+05
		-6.203e+05	-1.554e+04	-3.32e-04	0.0	92.1	2.527e+04	-1.369e+04	472.35	3.737e+04	2.795e+04	-6.203e+05
350	316	7.242e+04	-4622.02	0.07	-552.50	0.0	1.967e+04	-7680.75	-386.96	1556.61	-4622.02	7.242e+04
		-6.422e+05	-4.025e+04	6.11e-04	0.0	92.1	1.967e+04	-8233.25	-386.96	1556.61	-4.025e+04	-6.422e+05
350	324	1.367e+05	-4571.16	0.07	-552.50	0.0	1.790e+04	-7570.70	-253.71	3485.26	-4571.16	1.367e+05
		-5.282e+05	-2.793e+04	2.85e-04	0.0	92.1	1.790e+04	-8123.20	-253.71	3485.26	-2.793e+04	-5.282e+05
350	330	2.670e+04	-6106.08	0.05	-552.50	0.0	2.243e+04	-8661.25	-317.62	5440.36	-6106.08	2.670e+04

		-6.568e+05	-3.502e+04	2.83e-04	0.0	92.1	2.243e+04	-9213.75	-317.62	5440.36	-3.502e+04	-6.568e+05
350	331	2.466e+05	-3036.24	0.10	-552.50	0.0	1.337e+04	-6480.15	-189.81	1530.15	-3036.24	2.466e+05
		-3.997e+05	-2.085e+04	2.99e-04	0.0	92.1	1.337e+04	-7032.65	-189.81	1530.15	-2.085e+04	-3.997e+05
350	349	1.089e+05	-3797.84	0.07	-552.50	0.0	1.893e+04	-7867.47	-417.84	5281.45	-3797.84	1.089e+05
		-5.589e+05	-4.339e+04	6.68e-04	0.0	92.1	1.893e+04	-8419.97	-417.84	5281.45	-4.339e+04	-5.589e+05
350	362	8.075e+04	-5338.99	0.06	-552.50	0.0	2.018e+04	-8127.55	-285.97	4472.58	-5338.99	8.075e+04
		-5.926e+05	-3.150e+04	2.85e-04	0.0	92.1	2.018e+04	-8680.05	-285.97	4472.58	-3.150e+04	-5.926e+05
350	363	1.926e+05	-3803.33	0.09	-552.50	0.0	1.563e+04	-7013.85	-221.45	2497.93	-3803.33	1.926e+05
		-4.638e+05	-2.436e+04	2.90e-04	0.0	92.1	1.563e+04	-7566.35	-221.45	2497.93	-2.436e+04	-4.638e+05
350	381	1.225e+05	-4189.69	0.07	-552.50	0.0	1.842e+04	-7722.68	-335.27	4389.27	-4189.69	1.225e+05
		-5.436e+05	-3.562e+04	4.69e-04	0.0	92.1	1.842e+04	-8275.18	-335.27	4389.27	-3.562e+04	-5.436e+05
351	117	3.977e+06	3675.39	0.16	-826.88	0.0	1.894e+05	-1.416e+04	-589.39	-4.115e+04	3675.39	3.977e+06
		2.992e+06	-5.649e+04	6.07e-04	0.0	102.1	1.894e+05	-1.498e+04	-589.39	-4.115e+04	-5.649e+04	2.992e+06
351	149	4.833e+06	2233.73	0.20	-826.88	0.0	2.258e+05	-1.810e+04	-731.21	-4.289e+04	2233.73	4.833e+06
		3.575e+06	-7.241e+04	6.88e-04	0.0	102.1	2.258e+05	-1.893e+04	-731.21	-4.289e+04	-7.241e+04	3.575e+06
351	164	8.720e+05	307.46	0.04	-612.50	0.0	4.799e+04	-1655.10	-46.60	-4886.76	307.46	8.720e+05
		7.455e+05	-4449.54	9.12e-05	0.0	102.1	4.799e+04	-2267.60	-46.60	-4886.76	-4449.54	7.455e+05
351	206	8.483e+05	1072.82	0.03	-612.50	0.0	4.879e+04	-1653.75	-52.80	-4884.10	1072.82	8.483e+05
		7.221e+05	-4317.07	9.95e-05	0.0	102.1	4.879e+04	-2266.25	-52.80	-4884.10	-4317.07	7.221e+05
351	231	7.948e+05	956.37	0.03	-612.50	0.0	5.241e+04	-1668.82	-32.90	-4428.65	956.37	7.948e+05
		6.682e+05	-2401.75	5.19e-05	0.0	102.1	5.241e+04	-2281.32	-32.90	-4428.65	-2401.75	6.682e+05
351	281	3.134e+06	4401.30	0.13	-612.50	0.0	1.423e+05	-1.207e+04	-535.02	-4.233e+04	4401.30	3.134e+06
		2.295e+06	-5.022e+04	5.50e-04	0.0	102.1	1.423e+05	-1.269e+04	-535.02	-4.233e+04	-5.022e+04	2.295e+06
351	288	8.866e+05	391.01	0.04	-612.50	0.0	4.955e+04	-1673.16	-41.35	-4466.92	391.01	8.866e+05
		7.602e+05	-3829.95	7.51e-05	0.0	102.1	4.955e+04	-2285.66	-41.35	-4466.92	-3829.95	7.602e+05
351	300	3.133e+06	4586.80	0.13	-612.50	0.0	1.422e+05	-1.208e+04	-530.26	-4.257e+04	4586.80	3.133e+06
		2.293e+06	-4.954e+04	5.42e-04	0.0	102.1	1.422e+05	-1.269e+04	-530.26	-4.257e+04	-4.954e+04	2.293e+06
351	310	8.716e+05	311.32	0.04	-612.50	0.0	5.007e+04	-1673.15	-42.82	-4352.79	311.32	8.716e+05
		7.452e+05	-4059.63	7.68e-05	0.0	102.1	5.007e+04	-2285.65	-42.82	-4352.79	-4059.63	7.452e+05
351	313	2.558e+06	4045.44	0.10	-612.50	0.0	1.195e+05	-9475.39	-412.20	-3.303e+04	4045.44	2.558e+06
		1.897e+06	-3.803e+04	4.26e-04	0.0	102.1	1.195e+05	-1.009e+04	-412.20	-3.303e+04	-3.803e+04	1.897e+06
351	316	8.041e+05	1382.53	0.03	-612.50	0.0	5.209e+04	-1668.79	-37.90	-4535.99	1382.53	8.041e+05
		6.778e+05	-2486.25	6.41e-05	0.0	102.1	5.209e+04	-2281.29	-37.90	-4535.99	-2486.25	6.778e+05
351	324	8.708e+05	898.64	0.04	-612.50	0.0	5.008e+04	-1672.26	-45.47	-4464.65	898.64	8.708e+05
		7.446e+05	-3743.04	8.05e-05	0.0	102.1	5.008e+04	-2284.76	-45.47	-4464.65	-3743.04	7.446e+05
351	330	5.826e+05	-748.20	0.02	-612.50	0.0	6.481e+04	-2042.81	-74.89	-6653.61	-748.20	5.826e+05
		4.897e+05	-6970.82	1.23e-04	0.0	102.1	6.481e+04	-2655.31	-74.89	-6653.61	-6970.82	4.897e+05
351	333	5.779e+05	2088.41	0.02	-612.50	0.0	6.493e+04	-2029.78	-16.58	-7337.41	2088.41	5.779e+05
		4.852e+05	-896.37	1.81e-05	0.0	102.1	6.493e+04	-2642.28	-16.58	-7337.41	-896.37	4.852e+05
351	336	1.164e+06	-291.14	0.05	-612.50	0.0	3.523e+04	-1314.75	-74.36	-1591.88	-291.14	1.164e+06
		1.004e+06	-6589.71	1.55e-04	0.0	102.1	3.523e+04	-1927.25	-74.36	-1591.88	-6589.71	1.004e+06
351	337	5.782e+05	2567.76	0.02	-612.50	0.0	6.530e+04	-2025.92	-16.50	-7343.16	2567.76	5.782e+05
		4.855e+05	-583.71	6.36e-05	0.0	102.1	6.530e+04	-2638.42	-16.50	-7343.16	-583.71	4.855e+05
351	340	1.163e+06	-770.49	0.05	-612.50	0.0	3.486e+04	-1318.61	-74.44	-1586.13	-770.49	1.163e+06
		1.004e+06	-6902.37	1.32e-04	0.0	102.1	3.486e+04	-1931.11	-74.44	-1586.13	-6902.37	1.004e+06
351	353	7.770e+05	4217.26	0.03	-612.50	0.0	5.530e+04	-1751.90	-48.67	-6415.57	4217.26	7.770e+05
		6.611e+05	-1187.19	9.12e-05	0.0	102.1	5.530e+04	-2364.40	-48.67	-6415.57	-1187.19	6.611e+05
351	358	7.226e+05	134.99	0.03	-612.50	0.0	5.771e+04	-1859.47	-61.38	-5638.45	134.99	7.226e+05
		6.132e+05	-5425.41	1.07e-04	0.0	102.1	5.771e+04	-2471.97	-61.38	-5638.45	-5425.41	6.132e+05
351	368	1.021e+06	124.66	0.04	-612.50	0.0	4.250e+04	-1489.99	-61.15	-3067.61	124.66	1.021e+06
		8.776e+05	-5391.78	1.12e-04	0.0	102.1	4.250e+04	-2102.49	-61.15	-3067.61	-5391.78	8.776e+05
351	369	7.204e+05	1734.26	0.03	-612.50	0.0	5.781e+04	-1852.82	-30.65	-5920.58	1734.26	7.204e+05
		6.113e+05	-2139.08	6.35e-05	0.0	102.1	5.781e+04	-2465.32	-30.65	-5920.58	-2139.08	6.113e+05
351	372	1.021e+06	63.01	0.04	-612.50	0.0	4.235e+04	-1491.70	-60.29	-3008.72	63.01	1.021e+06
		8.778e+05	-5347.00	1.06e-04	0.0	102.1	4.235e+04	-2104.20	-60.29	-3008.72	-5347.00	8.778e+05
351	385	8.227e+05	2544.81	0.03	-612.50	0.0	5.272e+04	-1713.33	-46.91	-5442.14	2544.81	8.227e+05
		7.017e+05	-2465.47	7.66e-05	0.0	102.1	5.272e+04	-2325.83	-46.91	-5442.14	-2465.47	7.017e+05
352	25	8.438e+05	1.958e+05	0.38	-745.88	0.0	6.124e+04	-2.974e+04	1931.97	1.105e+05	1.792e+04	8.438e+05
		-1.497e+06	1.792e+04	-2.63e-03	0.0	92.1	6.124e+04	-3.049e+04	1931.97	1.105e+05	1.958e+05	-1.497e+06
352	33	9.120e+05	4.652e+04	0.20	-745.88	0.0	5.192e+04	-2.822e+04	153.34	6742.53	3.240e+04	9.120e+05
		-1.276e+06	3.240e+04	-1.04e-03	0.0	92.1	5.192e+04	-2.897e+04	153.34	6742.53	4.652e+04	-1.276e+06
352	149	8.435e+05	1.975e+05	0.38	-745.88	0.0	6.124e+04	-2.974e+04	1948.06	1.111e+05	1.815e+04	8.435e+05
		-1.497e+06	1.815e+04	-2.68e-03	0.0	92.1	6.124e+04	-3.049e+04	1948.06	1.111e+05	1.975e+05	-1.497e+06
352	162	1.543e+05	2.441e+04	0.07	-552.50	0.0	1.688e+04	-7341.67	221.00	-5338.02	4062.56	1.543e+05
		-4.778e+05	4062.56	-3.30e-04	0.0	92.1	1.688e+04	-7894.17	221.00	-5338.02	2.441e+04	-4.778e+05
352	164	1.608e+05	2.433e+04	0.07	-552.50	0.0	1.672e+04	-7337.55	219.88	-4919.45	4079.88	1.608e+05
		-4.670e+05	4079.88	-3.45e-04	0.0	92.1	1.672e+04	-7890.05	219.88	-4919.45	2.433e+04	-4.670e+05
352	219	5.385e+05	9.337e+04	0.24	-552.50	0.0	3.616e+04	-1.777e+04	923.00	5.112e+04	8377.58	5.385e+05
		-8.397e+05	8377.58	-1.30e-03	0.0	92.1	3.616e+04	-1.832e+04	923.00	5.112e+04	9.337e+04	-8.397e+05
352	223	5.890e+05	1.911e+04	0.11	-552.50	0.0	2.925e+04	-1.664e+04	-394.50	-2.575e+04	1.911e+04	5.890e+05
		-6.765e+05	-1.722e+04	-2.12e-04	0.0	92.1	2.925e+04	-1.719e+04	-394.50	-2.575e+04	-1.722e+04	-6.765e+05
352	270	1.764e+05	9.124e+04	0.11	-552.50	0.0	2.834e+04	-1.191e+04	875.52	2.671e+04	1.062e+04	1.764e+05
		-8.813e+05	1.062e+04	-1.16e-03	0.0	92.1	2.834e+04	-1.246e+04	875.52	2.671e+04	9.124e+04	-8.813e+05
352	281	5.383e+05	9.452e+04	0.24	-552.50	0.0	3.615e+04	-1.777e+04	933.73	5.150e+04	8533.90	5.383e+05
		-8.401e+05	8533.90	-1.33e-03	0.0	92.1	3.615e+04	-1.832e+04	933.73	5.150e+04	9.452e+04	-8.401e+05
352	288	1.539e+05	2.685e+04	0.08	-552.50	0.0	1.740e+04	-7530.16	244.54	-3839.32	4327.83	1.539e+05
		-4.968e+05	4327.83	-3.36e-04	0.0	92.1	1.740e+04	-8082.66	244.54	-3839.32	2.685e+04	-4.968e+05

352	305	5.890e+05	1.897e+04	0.11	-552.50	0.0	2.923e+04	-1.663e+04	-404.38	-2.609e+04	1.897e+04	5.890e+05
		-6.755e+05	-1.826e+04	-1.84e-04	0.0	92.1	2.923e+04	-1.719e+04	-404.38	-2.609e+04	-1.826e+04	-6.755e+05
352	309	1.367e+05	2.793e+04	0.07	-552.50	0.0	1.790e+04	-7570.70	253.71	-3485.26	4571.16	1.367e+05
		-5.282e+05	4571.16	-2.85e-04	0.0	92.1	1.790e+04	-8123.20	253.71	-3485.26	2.793e+04	-5.282e+05
352	313	4.284e+05	7.647e+04	0.20	-552.50	0.0	3.187e+04	-1.524e+04	749.57	3.753e+04	7449.22	4.284e+05
		-7.787e+05	7449.22	-9.70e-04	0.0	92.1	3.187e+04	-1.579e+04	749.57	3.753e+04	7.647e+04	-7.787e+05
352	314	4.663e+05	1.550e+04	0.10	-552.50	0.0	2.668e+04	-1.439e+04	-238.55	-2.013e+04	1.550e+04	4.663e+05
		-6.563e+05	-6471.31	-1.13e-04	0.0	92.1	2.668e+04	-1.494e+04	-238.55	-2.013e+04	-6471.31	-6.563e+05
352	324	1.367e+05	2.793e+04	0.07	-552.50	0.0	1.790e+04	-7570.70	253.71	-3485.26	4571.16	1.367e+05
		-5.282e+05	4571.16	-2.85e-04	0.0	92.1	1.790e+04	-8123.20	253.71	-3485.26	2.793e+04	-5.282e+05
352	335	2.469e+05	1.517e+04	0.10	-552.50	0.0	1.343e+04	-6503.76	129.11	-709.96	3046.61	2.469e+05
		-4.008e+05	3046.61	-1.40e-04	0.0	92.1	1.343e+04	-7056.26	129.11	-709.96	1.517e+04	-4.008e+05
352	337	2.670e+04	3.502e+04	0.05	-552.50	0.0	2.243e+04	-8661.25	317.62	-5440.37	6106.08	2.670e+04
		-6.568e+05	6106.08	-2.83e-04	0.0	92.1	2.243e+04	-9213.75	317.62	-5440.37	3.502e+04	-6.568e+05
352	340	2.466e+05	2.085e+04	0.10	-552.50	0.0	1.337e+04	-6480.15	189.81	-1530.14	3036.24	2.466e+05
		-3.997e+05	3036.24	-2.99e-04	0.0	92.1	1.337e+04	-7032.65	189.81	-1530.14	2.085e+04	-3.997e+05
352	354	1.089e+05	4.339e+04	0.07	-552.50	0.0	1.893e+04	-7867.47	417.84	-5281.44	3797.84	1.089e+05
		-5.589e+05	3797.84	-6.68e-04	0.0	92.1	1.893e+04	-8419.97	417.84	-5281.44	4.339e+04	-5.589e+05
352	369	8.075e+04	3.150e+04	0.06	-552.50	0.0	2.018e+04	-8127.55	285.97	-4472.58	5339.00	8.075e+04
		-5.926e+05	5339.00	-2.85e-04	0.0	92.1	2.018e+04	-8680.05	285.97	-4472.58	3.150e+04	-5.926e+05
352	372	1.926e+05	2.436e+04	0.09	-552.50	0.0	1.563e+04	-7013.85	221.45	-2497.93	3803.33	1.926e+05
		-4.638e+05	3803.33	-2.90e-04	0.0	92.1	1.563e+04	-7566.35	221.45	-2497.93	2.436e+04	-4.638e+05
352	386	1.225e+05	3.562e+04	0.07	-552.50	0.0	1.842e+04	-7722.68	335.27	-4389.26	4189.69	1.225e+05
		-5.436e+05	4189.69	-4.69e-04	0.0	92.1	1.842e+04	-8275.18	335.27	-4389.26	3.562e+04	-5.436e+05
353	123	1.237e+06	3.528e+04	0.05	-826.88	0.0	6.915e+04	-2801.29	293.77	3.640e+04	-7761.35	1.237e+06
		1.026e+06	-7761.35	-2.42e-04	255.72	102.1	6.915e+04	-3628.17	549.48	3.640e+04	3.528e+04	1.026e+06
353	149	5.239e+06	1.251e+04	0.21	-826.88	0.0	2.477e+05	-1.980e+04	330.19	1.472e+05	-2.903e+04	5.239e+06
		3.902e+06	-2.903e+04	7.94e-04	153.43	102.1	2.477e+05	-2.063e+04	483.63	1.472e+05	1.251e+04	3.902e+06
353	164	8.859e+05	1.520e+04	0.04	-612.50	0.0	4.866e+04	-1923.74	188.98	1.887e+04	-4087.27	8.859e+05
		7.413e+05	-4087.27	1.26e-04	0.0	102.1	4.866e+04	-2536.24	188.98	1.887e+04	1.520e+04	7.413e+05
353	206	8.611e+05	1.580e+04	0.03	-612.50	0.0	4.962e+04	-1926.16	187.96	1.874e+04	-3387.62	8.611e+05
		7.168e+05	-3387.62	1.34e-04	0.0	102.1	4.962e+04	-2538.66	187.96	1.874e+04	1.580e+04	7.168e+05
353	231	8.071e+05	2.312e+04	0.03	-612.50	0.0	5.371e+04	-2039.97	268.43	2.249e+04	-4283.24	8.071e+05
		6.520e+05	-4283.24	-2.11e-04	0.0	102.1	5.371e+04	-2652.47	268.43	2.249e+04	2.312e+04	6.520e+05
353	268	9.105e+05	2.510e+04	0.04	-612.50	0.0	5.106e+04	-2060.15	214.64	2.614e+04	-5510.55	9.105e+05
		7.559e+05	-5510.55	-1.69e-04	170.48	102.1	5.106e+04	-2672.65	385.12	2.614e+04	2.510e+04	7.559e+05
353	281	3.341e+06	1.544e+04	0.14	-612.50	0.0	1.527e+05	-1.336e+04	274.23	9.180e+04	-1.778e+04	3.341e+06
		2.432e+06	-1.778e+04	6.52e-04	102.29	102.1	1.527e+05	-1.398e+04	376.51	9.180e+04	1.544e+04	2.432e+06
353	288	9.068e+05	2.053e+04	0.04	-612.50	0.0	5.065e+04	-2046.79	247.36	2.258e+04	-4719.36	9.068e+05
		7.533e+05	-4719.36	-1.49e-04	0.0	102.1	5.065e+04	-2659.29	247.36	2.258e+04	2.053e+04	7.533e+05
353	310	8.926e+05	2.044e+04	0.04	-612.50	0.0	5.116e+04	-2046.44	247.30	2.262e+04	-4809.67	8.926e+05
		7.392e+05	-4809.67	-1.53e-04	0.0	102.1	5.116e+04	-2658.94	247.30	2.262e+04	2.044e+04	7.392e+05
353	313	2.715e+06	1.513e+04	0.11	-612.50	0.0	1.276e+05	-1.053e+04	282.03	7.278e+04	-1.367e+04	2.715e+06
		1.996e+06	-1.367e+04	5.34e-04	0.0	102.1	1.276e+05	-1.114e+04	282.03	7.278e+04	1.513e+04	1.996e+06
353	314	1.106e+06	2.328e+04	0.04	-612.50	0.0	6.153e+04	-1232.40	273.15	2.142e+04	-4604.10	1.106e+06
		1.005e+06	-4604.10	-2.09e-04	0.0	102.1	6.153e+04	-1844.90	273.15	2.142e+04	2.328e+04	1.005e+06
353	316	8.167e+05	2.305e+04	0.03	-612.50	0.0	5.344e+04	-2043.53	263.68	2.235e+04	-3864.30	8.167e+05
		6.623e+05	-3864.30	-2.05e-04	0.0	102.1	5.344e+04	-2656.03	263.68	2.235e+04	2.305e+04	6.623e+05
353	324	8.902e+05	2.093e+04	0.04	-612.50	0.0	5.129e+04	-2048.40	246.69	2.250e+04	-4255.39	8.902e+05
		7.370e+05	-4255.39	-1.57e-04	0.0	102.1	5.129e+04	-2660.90	246.69	2.250e+04	2.093e+04	7.370e+05
353	337	5.802e+05	2.754e+04	0.02	-612.50	0.0	6.743e+04	-2600.25	322.21	1.452e+04	-5908.72	5.802e+05
		4.773e+05	-5908.72	-2.49e-04	0.0	102.1	6.743e+04	-3212.75	322.21	1.452e+04	2.754e+04	4.773e+05
353	340	1.200e+06	1.432e+04	0.05	-612.50	0.0	3.515e+04	-1496.55	171.16	3.047e+04	-2602.05	1.200e+06
		9.968e+05	-2602.05	1.46e-04	0.0	102.1	3.515e+04	-2109.05	171.16	3.047e+04	1.432e+04	9.968e+05
353	350	8.221e+05	1.954e+04	0.03	-612.50	0.0	5.322e+04	-1824.63	285.94	2.271e+04	-7831.58	8.221e+05
		6.783e+05	-7831.58	-1.25e-04	0.0	102.1	5.322e+04	-2437.13	285.94	2.271e+04	1.954e+04	6.783e+05
353	365	7.313e+05	2.423e+04	0.03	-612.50	0.0	5.928e+04	-2328.81	286.31	1.855e+04	-5149.02	7.313e+05
		6.030e+05	-5149.02	-2.08e-04	0.0	102.1	5.928e+04	-2941.31	286.31	1.855e+04	2.423e+04	6.030e+05
353	369	7.310e+05	2.427e+04	0.03	-612.50	0.0	5.948e+04	-2329.54	285.11	1.843e+04	-5107.92	7.310e+05
		6.034e+05	-5107.92	-2.04e-04	0.0	102.1	5.948e+04	-2942.04	285.11	1.843e+04	2.427e+04	6.034e+05
353	372	1.050e+06	1.758e+04	0.04	-612.50	0.0	4.309e+04	-1767.26	208.26	2.656e+04	-3402.86	1.050e+06
		8.706e+05	-3402.86	1.21e-04	0.0	102.1	4.309e+04	-2379.76	208.26	2.656e+04	1.758e+04	8.706e+05
353	386	8.547e+05	2.028e+04	0.03	-612.50	0.0	5.233e+04	-2097.65	266.63	2.256e+04	-6037.33	8.547e+05
		7.063e+05	-6037.33	-1.41e-04	0.0	102.1	5.233e+04	-2710.15	266.63	2.256e+04	2.028e+04	7.063e+05
354	149	8.969e+05	1.322e+05	0.41	-745.88	0.0	6.719e+04	-3.353e+04	1585.91	1.610e+05	-2.022e+04	8.969e+05
		-1.684e+06	-2.022e+04	-2.33e-03	138.40	92.1	6.719e+04	-3.427e+04	1724.32	1.610e+05	1.322e+05	-1.684e+06
354	164	1.654e+05	4186.51	0.08	-552.50	0.0	1.709e+04	-7749.70	137.45	1.704e+04	-8470.26	1.654e+05
		-4.835e+05	-8470.26	-5.10e-04	0.0	92.1	1.709e+04	-8302.20	137.45	1.704e+04	4186.51	-4.835e+05
354	197	9.799e+05	1.284e+05	0.22	-745.88	0.0	5.586e+04	-3.190e+04	1740.24	1.268e+05	-3.181e+04	9.799e+05
		-1.456e+06	-3.181e+04	-1.68e-03	0.0	92.1	5.586e+04	-3.264e+04	1740.24	1.268e+05	1.284e+05	-1.456e+06
354	270	1.820e+05	2.784e+04	0.11	-552.50	0.0	3.074e+04	-1.324e+04	406.01	5.783e+04	-1.379e+04	1.820e+05
		-9.619e+05	-1.379e+04	-1.30e-03	92.27	92.1	3.074e+04	-1.379e+04	498.28	5.783e+04	2.784e+04	-9.619e+05
354	281	5.785e+05	7.129e+04	0.26	-552.50	0.0	3.882e+04	-1.979e+04	860.47	8.360e+04	-1.220e+04	5.785e+05
		-9.196e+05	-1.220e+04	-1.16e-03	92.27	92.1	3.882e+04	-2.034e+04	952.74	8.360e+04	7.129e+04	-9.196e+05
354	288	1.642e+05	8405.00	0.08	-552.50	0.0	1.796e+04	-8085.33	192.84	2.183e+04	-9351.88	1.642e+05
		-5.155e+05	-9351.88	-4.86e-04	0.0	92.1	1.796e+04	-8637.83	192.84	2.183e+04	8405.00	-5.155e+05
354	305	6.399e+05	6.894e+04	0.12	-552.50	0.0	3.044e+04	-1.859e+04	974.76	5.855e+04	-2.082e+04	6.399e+05

		-7.514e+05	-2.082e+04	-6.99e-04	0.0	92.1	3.044e+04	-1.914e+04	974.76	5.855e+04	6.894e+04	-7.514e+05
354	309	1.490e+05	5709.09	0.08	-552.50	0.0	1.842e+04	-8125.36	165.46	2.177e+04	-9526.99	1.490e+05
		-5.424e+05	-9526.99	-4.24e-04	0.0	92.1	1.842e+04	-8677.86	165.46	2.177e+04	5709.09	-5.424e+05
354	313	4.638e+05	5.047e+04	0.21	-552.50	0.0	3.387e+04	-1.686e+04	671.17	6.608e+04	-1.134e+04	4.638e+05
		-8.348e+05	-1.134e+04	-8.29e-04	0.0	92.1	3.387e+04	-1.741e+04	671.17	6.608e+04	5.047e+04	-8.348e+05
354	314	5.091e+05	5.163e+04	0.11	-552.50	0.0	2.769e+04	-1.600e+04	756.69	4.940e+04	-1.805e+04	5.091e+05
		-7.134e+05	-1.805e+04	-5.37e-04	0.0	92.1	2.769e+04	-1.655e+04	756.69	4.940e+04	5.163e+04	-7.134e+05
354	324	1.490e+05	5709.09	0.08	-552.50	0.0	1.842e+04	-8125.36	165.46	2.177e+04	-9526.99	1.490e+05
		-5.424e+05	-9526.99	-4.24e-04	0.0	92.1	1.842e+04	-8677.86	165.46	2.177e+04	5709.09	-5.424e+05
354	326	2.122e+04	-3540.05	0.05	-552.50	0.0	2.305e+04	-6867.23	92.69	1.743e+04	-1.430e+04	2.122e+04
		-6.801e+05	-1.430e+04	-1.13e-03	0.0	92.1	2.305e+04	-7419.73	92.69	1.743e+04	-3540.05	-6.801e+05
354	328	2.569e+05	1.704e+04	0.10	-552.50	0.0	1.408e+04	-9289.42	270.23	2.738e+04	-5629.68	2.569e+05
		-4.172e+05	-5629.68	1.05e-04	0.0	92.1	1.408e+04	-9841.92	270.23	2.738e+04	1.704e+04	-4.172e+05
354	331	2.776e+05	1.527e+04	0.10	-552.50	0.0	1.364e+04	-9414.20	243.70	2.632e+04	-4904.48	2.776e+05
		-4.005e+05	-4904.48	3.65e-04	0.0	92.1	1.364e+04	-9966.70	243.70	2.632e+04	1.527e+04	-4.005e+05
354	338	2.038e+04	-3836.18	0.05	-552.50	0.0	2.327e+04	-6824.49	85.54	1.698e+04	-1.410e+04	2.038e+04
		-6.859e+05	-1.410e+04	-1.25e-03	0.0	92.1	2.327e+04	-7376.99	85.54	1.698e+04	-3836.18	-6.859e+05
354	339	2.775e+05	1.525e+04	0.10	-552.50	0.0	1.358e+04	-9426.22	245.38	2.656e+04	-4954.48	2.775e+05
		-3.990e+05	-4954.48	3.98e-04	0.0	92.1	1.358e+04	-9978.72	245.38	2.656e+04	1.525e+04	-3.990e+05
354	358	8.482e+04	958.97	0.06	-552.50	0.0	2.075e+04	-7481.39	126.51	1.943e+04	-1.185e+04	8.482e+04
		-6.110e+05	-1.185e+04	-8.61e-04	0.0	92.1	2.075e+04	-8033.89	126.51	1.943e+04	958.97	-6.110e+05
354	360	2.047e+05	1.139e+04	0.09	-552.50	0.0	1.624e+04	-8720.28	217.44	2.455e+04	-7506.57	2.047e+05
		-4.793e+05	-7506.57	-2.45e-04	0.0	92.1	1.624e+04	-9272.78	217.44	2.455e+04	1.139e+04	-4.793e+05
354	363	2.143e+05	1.056e+04	0.09	-552.50	0.0	1.602e+04	-8783.23	205.73	2.411e+04	-7213.42	2.143e+05
		-4.714e+05	-7213.42	-6.78e-05	0.0	92.1	1.602e+04	-9335.73	205.73	2.411e+04	1.056e+04	-4.714e+05
354	370	8.367e+04	860.30	0.06	-552.50	0.0	2.086e+04	-7461.54	124.32	1.930e+04	-1.182e+04	8.367e+04
		-6.142e+05	-1.182e+04	-8.35e-04	0.0	92.1	2.086e+04	-8014.04	124.32	1.930e+04	860.30	-6.142e+05
354	371	2.143e+05	1.056e+04	0.09	-552.50	0.0	1.599e+04	-8789.17	206.59	2.423e+04	-7238.36	2.143e+05
		-4.706e+05	-7238.36	-5.57e-05	0.0	92.1	1.599e+04	-9341.67	206.59	2.423e+04	1.056e+04	-4.706e+05
355	49	5.253e+06	7700.74	0.21	-826.88	0.0	2.467e+05	-1.978e+04	358.61	1.464e+05	-2.891e+04	5.253e+06
		3.914e+06	-2.891e+04	5.66e-04	0.0	102.1	2.467e+05	-2.060e+04	358.61	1.464e+05	7700.74	3.914e+06
355	143	1.217e+06	3.560e+04	0.05	-826.88	0.0	6.969e+04	-2804.08	297.20	3.647e+04	-7792.93	1.217e+06
		1.006e+06	-7792.93	-3.38e-04	255.72	102.1	6.969e+04	-3630.95	552.92	3.647e+04	3.560e+04	1.006e+06
355	162	8.688e+05	1.572e+04	0.04	-612.50	0.0	4.898e+04	-1925.79	193.52	1.880e+04	-4034.24	8.688e+05
		7.237e+05	-4034.24	-1.24e-04	0.0	102.1	4.898e+04	-2538.29	193.52	1.880e+04	1.572e+04	7.237e+05
355	178	8.560e+05	1.563e+04	0.03	-612.50	0.0	4.948e+04	-1927.19	193.23	1.874e+04	-4095.48	8.560e+05
		7.109e+05	-4095.48	-1.22e-04	0.0	102.1	4.948e+04	-2539.69	193.23	1.874e+04	1.563e+04	7.109e+05
355	231	3.351e+06	1.220e+04	0.14	-612.50	0.0	1.520e+05	-1.334e+04	293.32	9.133e+04	-1.774e+04	3.351e+06
		2.442e+06	-1.774e+04	4.35e-04	0.0	102.1	1.520e+05	-1.395e+04	293.32	9.133e+04	1.220e+04	2.442e+06
355	239	8.666e+05	2.112e+04	0.04	-612.50	0.0	5.064e+04	-2111.46	252.77	2.254e+04	-4680.05	8.666e+05
		7.081e+05	-4680.05	-2.21e-04	0.0	102.1	5.064e+04	-2723.96	252.77	2.254e+04	2.112e+04	7.081e+05
355	283	8.359e+05	2.622e+04	0.03	-612.50	0.0	5.321e+04	-2075.68	223.76	2.504e+04	-5319.76	8.359e+05
		6.812e+05	-5319.76	-1.91e-04	170.48	102.1	5.321e+04	-2688.18	394.24	2.504e+04	2.622e+04	6.812e+05
355	300	8.047e+05	2.203e+04	0.03	-612.50	0.0	5.359e+04	-2068.34	259.32	2.098e+04	-4442.76	8.047e+05
		6.513e+05	-4442.76	1.47e-04	0.0	102.1	5.359e+04	-2680.84	259.32	2.098e+04	2.203e+04	6.513e+05
355	313	8.218e+05	2.194e+04	0.03	-612.50	0.0	5.332e+04	-2067.18	254.43	2.128e+04	-4031.31	8.218e+05
		6.685e+05	-4031.31	1.87e-04	0.0	102.1	5.332e+04	-2679.68	254.43	2.128e+04	2.194e+04	6.685e+05
355	316	2.730e+06	1.479e+04	0.11	-612.50	0.0	1.270e+05	-1.052e+04	281.45	7.394e+04	-1.394e+04	2.730e+06
		2.010e+06	-1.394e+04	4.17e-04	0.0	102.1	1.270e+05	-1.114e+04	281.45	7.394e+04	1.479e+04	2.010e+06
355	317	1.106e+06	2.328e+04	0.04	-612.50	0.0	6.156e+04	-1235.97	273.35	2.154e+04	-4628.29	1.106e+06
		1.005e+06	-4628.29	-2.12e-04	0.0	102.1	6.156e+04	-1848.47	273.35	2.154e+04	2.328e+04	1.005e+06
355	318	8.663e+05	2.148e+04	0.04	-612.50	0.0	5.105e+04	-2100.11	251.03	2.234e+04	-4143.03	8.663e+05
		7.093e+05	-4143.03	-1.74e-04	0.0	102.1	5.105e+04	-2712.61	251.03	2.234e+04	2.148e+04	7.093e+05
355	324	8.912e+05	2.093e+04	0.04	-612.50	0.0	5.132e+04	-2052.86	246.74	2.253e+04	-4256.68	8.912e+05
		7.377e+05	-4256.68	-1.56e-04	0.0	102.1	5.132e+04	-2665.36	246.74	2.253e+04	2.093e+04	7.377e+05
355	325	7.309e+05	2.453e+04	0.03	-612.50	0.0	6.035e+04	-1788.50	284.32	1.781e+04	-4669.87	7.309e+05
		6.037e+05	-4669.87	1.97e-04	0.0	102.1	6.035e+04	-2401.00	284.32	1.781e+04	2.453e+04	6.037e+05
355	336	1.052e+06	1.717e+04	0.04	-612.50	0.0	4.217e+04	-2318.95	207.86	2.721e+04	-3877.49	1.052e+06
		8.717e+05	-3877.49	-1.89e-04	0.0	102.1	4.217e+04	-2931.45	207.86	2.721e+04	1.717e+04	8.717e+05
355	337	7.315e+05	2.492e+04	0.03	-612.50	0.0	6.108e+04	-1792.67	287.58	1.753e+04	-4504.00	7.315e+05
		6.037e+05	-4504.00	3.45e-04	0.0	102.1	6.108e+04	-2405.17	287.58	1.753e+04	2.492e+04	6.037e+05
355	340	1.051e+06	1.694e+04	0.04	-612.50	0.0	4.157e+04	-2313.06	205.90	2.752e+04	-4009.36	1.051e+06
		8.717e+05	-4009.36	-2.69e-04	0.0	102.1	4.157e+04	-2925.56	205.90	2.752e+04	1.694e+04	8.717e+05
355	350	8.594e+05	1.905e+04	0.03	-612.50	0.0	4.987e+04	-1888.69	272.07	2.543e+04	-8510.12	8.594e+05
		7.147e+05	-8510.12	-9.01e-04	0.0	102.1	4.987e+04	-2501.19	272.07	2.543e+04	1.905e+04	7.147e+05
355	357	8.090e+05	2.274e+04	0.03	-612.50	0.0	5.577e+04	-1936.45	267.11	1.996e+04	-4594.07	8.090e+05
		6.665e+05	-4594.07	-1.48e-04	0.0	102.1	5.577e+04	-2548.95	267.11	1.996e+04	2.274e+04	6.665e+05
355	368	9.734e+05	1.904e+04	0.04	-612.50	0.0	4.682e+04	-2170.13	225.73	2.508e+04	-3935.99	9.734e+05
		8.088e+05	-3935.99	-1.70e-04	0.0	102.1	4.682e+04	-2782.63	225.73	2.508e+04	1.904e+04	8.088e+05
355	369	8.092e+05	2.294e+04	0.03	-612.50	0.0	5.626e+04	-1920.22	267.48	1.999e+04	-4393.89	8.092e+05
		6.689e+05	-4393.89	2.18e-04	0.0	102.1	5.626e+04	-2532.72	267.48	1.999e+04	2.294e+04	6.689e+05
355	372	9.732e+05	1.892e+04	0.04	-612.50	0.0	4.639e+04	-2185.51	226.00	2.506e+04	-4119.47	9.732e+05
		8.065e+05	-4119.47	-2.07e-04	0.0	102.1	4.639e+04	-2798.01	226.00	2.506e+04	1.892e+04	8.065e+05
355	382	8.747e+05	2.001e+04	0.04	-612.50	0.0	5.063e+04	-1970.33	259.46	2.396e+04	-6374.82	8.747e+05
		7.256e+05	-6374.82	-4.65e-04	0.0	102.1	5.063e+04	-2582.83	259.46	2.396e+04	2.001e+04	7.256e+05
356	41	2.188e+06	4.069e+04	-0.13	-745.88	0.0	1.134e+05	7262.01	529.20	-2.036e+04	-8042.39	1.787e+06
		1.787e+06	-8042.39	-3.04e-04	0.0	92.1	1.134e+05	6516.14	529.20	-2.036e+04	4.069e+04	2.188e+06

356	49	4.304e+06	5.819e+04	-0.29	-745.88	0.0	1.804e+05	2.455e+04	718.88	-1.142e+05	-8006.57	2.891e+06
		2.891e+06	-8006.57	-5.20e-04	0.0	92.1	1.804e+05	2.380e+04	718.88	-1.142e+05	5.819e+04	4.304e+06
356	164	7.804e+05	2.752e+04	-0.05	-552.50	0.0	3.992e+04	4015.56	327.10	5421.49	-2602.32	5.626e+05
		5.626e+05	-2602.32	-3.74e-04	0.0	92.1	3.992e+04	3463.06	327.10	5421.49	2.752e+04	7.804e+05
356	178	7.613e+05	2.799e+04	-0.05	-552.50	0.0	4.045e+04	4013.65	331.44	5826.65	-2533.14	5.434e+05
		5.434e+05	-2533.14	-3.84e-04	0.0	92.1	4.045e+04	3461.15	331.44	5826.65	2.799e+04	7.613e+05
356	231	2.698e+06	4.763e+04	-0.18	-552.50	0.0	1.084e+05	1.577e+04	558.48	-5.776e+04	-3796.40	1.793e+06
		1.793e+06	-3796.40	-5.61e-04	0.0	92.1	1.084e+05	1.522e+04	558.48	-5.776e+04	4.763e+04	2.698e+06
356	270	1.231e+06	3.102e+04	-0.08	-552.50	0.0	6.833e+04	6510.38	352.83	-1.944e+04	-5721.34	8.662e+05
		8.662e+05	-5721.34	-2.88e-04	92.27	92.1	6.833e+04	5957.88	445.10	-1.944e+04	3.102e+04	1.231e+06
356	288	7.986e+05	3.274e+04	-0.05	-552.50	0.0	4.148e+04	4094.28	390.09	6302.14	-3181.53	5.778e+05
		5.778e+05	-3181.53	-4.91e-04	0.0	92.1	4.148e+04	3541.78	390.09	6302.14	3.274e+04	7.986e+05
356	300	6.966e+05	3.597e+04	-0.05	-552.50	0.0	4.452e+04	4089.53	416.94	9184.38	-2426.81	4.741e+05
		4.741e+05	-2426.81	-6.06e-04	0.0	92.1	4.452e+04	3537.03	416.94	9184.38	3.597e+04	6.966e+05
356	310	7.932e+05	3.250e+04	-0.05	-552.50	0.0	4.176e+04	4105.81	388.23	5999.43	-3248.97	5.713e+05
		5.713e+05	-3248.97	-4.65e-04	0.0	92.1	4.176e+04	3553.31	388.23	5999.43	3.250e+04	7.932e+05
356	311	9.420e+05	3.191e+04	-0.06	-552.50	0.0	5.303e+04	5068.27	385.94	-3762.84	-3633.42	6.640e+05
		6.640e+05	-3633.42	-5.03e-04	0.0	92.1	5.303e+04	4515.77	385.94	-3762.84	3.191e+04	9.420e+05
356	313	7.161e+05	3.559e+04	-0.05	-552.50	0.0	4.411e+04	4110.14	410.54	8576.27	-2216.38	4.935e+05
		4.935e+05	-2216.38	-6.53e-04	0.0	92.1	4.411e+04	3557.64	410.54	8576.27	3.559e+04	7.161e+05
356	316	2.215e+06	4.461e+04	-0.15	-552.50	0.0	9.197e+04	1.286e+04	519.25	-4.133e+04	-3200.09	1.482e+06
		1.482e+06	-3200.09	-6.34e-04	0.0	92.1	9.197e+04	1.231e+04	519.25	-4.133e+04	4.461e+04	2.215e+06
356	324	7.911e+05	3.319e+04	-0.05	-552.50	0.0	4.186e+04	4113.47	390.70	6433.99	-2784.19	5.697e+05
		5.697e+05	-2784.19	-5.66e-04	0.0	92.1	4.186e+04	3560.97	390.70	6433.99	3.319e+04	7.911e+05
356	337	6.540e+05	3.820e+04	-0.04	-552.50	0.0	5.021e+04	3697.77	448.00	8602.70	-3104.09	4.592e+05
		4.592e+05	-3104.09	-9.68e-04	0.0	92.1	5.021e+04	3145.27	448.00	8602.70	3.820e+04	6.540e+05
356	340	9.281e+05	2.818e+04	-0.06	-552.50	0.0	3.352e+04	4529.16	333.40	4265.27	-2464.29	6.803e+05
		6.803e+05	-2464.29	-2.16e-04	0.0	92.1	3.352e+04	3976.66	333.40	4265.27	2.818e+04	9.281e+05
356	350	7.644e+05	2.842e+04	-0.05	-552.50	0.0	4.129e+04	3883.47	365.82	3090.28	-3508.50	5.572e+05
		5.572e+05	-3508.50	1.13e-03	0.0	92.1	4.129e+04	3330.97	365.82	3090.28	2.842e+04	7.644e+05
356	353	7.380e+05	3.987e+04	-0.05	-552.50	0.0	4.691e+04	4077.73	442.45	1.044e+04	-854.86	5.194e+05
		5.194e+05	-854.86	-1.94e-03	0.0	92.1	4.691e+04	3525.23	442.45	1.044e+04	3.987e+04	7.380e+05
356	365	7.191e+05	3.532e+04	-0.05	-552.50	0.0	4.597e+04	3893.92	418.15	7431.73	-3140.12	5.124e+05
		5.124e+05	-3140.12	-6.73e-04	0.0	92.1	4.597e+04	3341.42	418.15	7431.73	3.532e+04	7.191e+05
356	368	8.631e+05	3.106e+04	-0.06	-552.50	0.0	3.776e+04	4333.01	363.24	5436.25	-2428.26	6.270e+05
		6.270e+05	-2428.26	-4.64e-04	0.0	92.1	3.776e+04	3780.51	363.24	5436.25	3.106e+04	8.631e+05
356	369	7.772e+05	3.571e+04	-0.05	-552.50	0.0	4.608e+04	3901.64	419.56	7518.73	-2954.15	5.130e+05
		5.130e+05	-2954.15	-7.61e-04	0.0	92.1	4.608e+04	3349.14	419.56	7518.73	3.571e+04	7.772e+05
356	372	8.616e+05	3.068e+04	-0.06	-552.50	0.0	3.765e+04	4325.29	361.83	5349.25	-2614.23	6.265e+05
		6.265e+05	-2614.23	-3.84e-04	0.0	92.1	3.765e+04	3772.79	361.83	5349.25	3.068e+04	8.616e+05
356	382	7.772e+05	3.083e+04	-0.05	-552.50	0.0	4.160e+04	3997.66	378.46	4764.06	-4042.32	5.630e+05
		5.630e+05	-4042.32	3.61e-04	0.0	92.1	4.160e+04	3445.16	378.46	4764.06	3.083e+04	7.772e+05
356	385	7.639e+05	3.652e+04	-0.05	-552.50	0.0	4.439e+04	4094.07	416.53	8433.53	-1828.48	5.442e+05
		5.442e+05	-1828.48	-1.21e-03	0.0	92.1	4.439e+04	3541.57	416.53	8433.53	3.652e+04	7.639e+05
357	49	4.845e+06	1866.48	0.20	-826.88	0.0	2.254e+05	-1.812e+04	-710.05	-4.071e+04	1866.48	4.845e+06
		3.585e+06	-7.062e+04	-5.86e-04	0.0	102.1	2.254e+05	-1.895e+04	-710.05	-4.071e+04	-7.062e+04	3.585e+06
357	53	3.720e+06	2705.10	0.15	-826.88	0.0	1.739e+05	-1.350e+04	-541.18	-3.683e+04	2705.10	3.720e+06
		2.777e+06	-5.254e+04	4.05e-04	0.0	102.1	1.739e+05	-1.432e+04	-541.18	-3.683e+04	-5.254e+04	2.777e+06
357	164	8.606e+05	282.53	0.03	-612.50	0.0	4.838e+04	-1658.47	-44.60	-4769.77	282.53	8.606e+05
		7.337e+05	-4270.39	-3.44e-05	0.0	102.1	4.838e+04	-2270.97	-44.60	-4769.77	-4270.39	7.337e+05
357	178	8.431e+05	315.85	0.03	-612.50	0.0	4.889e+04	-1657.86	-45.41	-4924.66	315.85	8.431e+05
		7.164e+05	-4319.84	4.30e-05	0.0	102.1	4.889e+04	-2270.36	-45.41	-4924.66	-4319.84	7.164e+05
357	231	3.143e+06	4111.98	0.13	-612.50	0.0	1.419e+05	-1.208e+04	-519.35	-4.080e+04	4111.98	3.143e+06
		2.303e+06	-4.890e+04	3.98e-04	0.0	102.1	1.419e+05	-1.269e+04	-519.35	-4.080e+04	-4.890e+04	2.303e+06
357	239	8.488e+05	473.27	0.03	-612.50	0.0	4.961e+04	-1732.10	-38.34	-4389.27	473.27	8.488e+05
		7.185e+05	-3440.47	-4.75e-05	0.0	102.1	4.961e+04	-2344.60	-38.34	-4389.27	-3440.47	7.185e+05
357	300	7.904e+05	716.43	0.03	-612.50	0.0	5.251e+04	-1674.25	-48.78	-5791.49	716.43	7.904e+05
		6.644e+05	-4263.01	1.61e-04	0.0	102.1	5.251e+04	-2286.75	-48.78	-5791.49	-4263.01	6.644e+05
357	313	8.066e+05	1155.44	0.03	-612.50	0.0	5.209e+04	-1674.59	-52.00	-5508.34	1155.44	8.066e+05
		6.806e+05	-4153.14	1.92e-04	0.0	102.1	5.209e+04	-2287.09	-52.00	-5508.34	-4153.14	6.806e+05
357	316	2.570e+06	3765.24	0.11	-612.50	0.0	1.191e+05	-9479.92	-403.87	-3.188e+04	3765.24	2.570e+06
		1.908e+06	-3.746e+04	3.49e-04	0.0	102.1	1.191e+05	-1.009e+04	-403.87	-3.188e+04	-3.746e+04	1.908e+06
357	318	8.495e+05	1036.21	0.03	-612.50	0.0	4.988e+04	-1717.72	-43.11	-4579.27	1036.21	8.495e+05
		7.204e+05	-3365.08	6.58e-05	0.0	102.1	4.988e+04	-2330.22	-43.11	-4579.27	-3365.08	7.204e+05
357	324	8.719e+05	899.11	0.04	-612.50	0.0	5.012e+04	-1676.57	-45.39	-4455.80	899.11	8.719e+05
		7.453e+05	-3734.35	8.06e-05	0.0	102.1	5.012e+04	-2289.07	-45.39	-4455.80	-3734.35	7.453e+05
357	326	7.247e+05	288.93	0.03	-612.50	0.0	5.834e+04	-1877.84	-56.21	-5251.09	288.93	7.247e+05
		6.157e+05	-5608.19	-1.41e-04	0.0	102.1	5.834e+04	-2490.34	-56.21	-5251.09	-5608.19	6.157e+05
357	337	7.214e+05	1714.96	0.03	-612.50	0.0	5.881e+04	-1864.05	-39.73	-6982.53	1714.96	7.214e+05
		6.128e+05	-2234.50	3.39e-04	0.0	102.1	5.881e+04	-2476.55	-39.73	-6982.53	-2234.50	6.128e+05
357	340	1.022e+06	83.26	0.04	-612.50	0.0	4.143e+04	-1489.10	-51.04	-1929.08	83.26	1.022e+06
		8.778e+05	-5234.21	-2.10e-04	0.0	102.1	4.143e+04	-2101.60	-51.04	-1929.08	-5234.21	8.778e+05
357	355	9.109e+05	5273.94	0.04	-612.50	0.0	4.866e+04	-1592.63	-90.39	-7186.20	5273.94	9.109e+05
		7.793e+05	-3681.66	1.08e-03	0.0	102.1	4.866e+04	-2205.13	-90.39	-7186.20	-3681.66	7.793e+05
357	365	7.943e+05	1050.33	0.03	-612.50	0.0	5.439e+04	-1773.34	-39.67	-5685.84	1050.33	7.943e+05
		6.768e+05	-2721.07	1.32e-04	0.0	102.1	5.439e+04	-2385.84	-39.67	-5685.84	-2721.07	6.768e+05
357	368	9.494e+05	747.88	0.04	-612.50	0.0	4.585e+04	-1579.81	-51.11	-3225.76	747.88	9.494e+05

		8.138e+05	-4747.63	4.80e-05	0.0	102.1	4.585e+04	-2192.31	-51.11	-3225.76	-4747.63	8.138e+05
357	369	7.946e+05	1300.84	0.03	-612.50	0.0	5.452e+04	-1772.00	-42.37	-5725.16	1300.84	7.946e+05
		6.772e+05	-2971.36	2.01e-04	0.0	102.1	5.452e+04	-2384.50	-42.37	-5725.16	-2971.36	6.772e+05
357	372	9.491e+05	497.37	0.04	-612.50	0.0	4.572e+04	-1581.15	-48.41	-3186.44	497.37	9.491e+05
		8.134e+05	-4497.35	-7.22e-05	0.0	102.1	4.572e+04	-2193.65	-48.41	-3186.44	-4497.35	8.134e+05
357	374	8.528e+05	-312.68	0.03	-612.50	0.0	5.130e+04	-1714.42	-37.54	-3211.99	-312.68	8.528e+05
		7.291e+05	-5034.47	-2.11e-04	0.0	102.1	5.130e+04	-2326.92	-37.54	-3211.99	-5034.47	7.291e+05
357	387	8.920e+05	3074.54	0.04	-612.50	0.0	4.937e+04	-1634.18	-67.82	-5813.02	3074.54	8.920e+05
		7.629e+05	-3714.03	5.68e-04	0.0	102.1	4.937e+04	-2246.68	-67.82	-5813.02	-3714.03	7.629e+05
358	49	3.891e+06	-1.385e+04	-0.27	-745.88	0.0	1.636e+05	2.148e+04	-1217.27	-1.077e+05	-1.385e+04	2.653e+06
		2.653e+06	-1.259e+05	2.13e-03	0.0	92.1	1.636e+05	2.074e+04	-1217.27	-1.077e+05	-1.259e+05	3.891e+06
358	164	7.773e+05	-544.29	-0.05	-552.50	0.0	3.949e+04	3997.25	-111.42	-5117.54	-544.29	5.549e+05
		5.549e+05	-1.080e+04	1.57e-04	0.0	92.1	3.949e+04	3444.75	-111.42	-5117.54	-1.080e+04	7.773e+05
358	178	7.596e+05	-482.26	-0.05	-552.50	0.0	4.001e+04	4000.52	-111.22	-4939.34	-482.26	5.370e+05
		5.370e+05	-1.072e+04	1.54e-04	0.0	92.1	4.001e+04	3448.02	-111.22	-4939.34	-1.072e+04	7.596e+05
358	206	7.664e+05	137.98	-0.05	-552.50	0.0	3.991e+04	4008.14	-111.63	-5071.83	137.98	5.436e+05
		5.436e+05	-1.014e+04	-7.36e-05	0.0	92.1	3.991e+04	3455.64	-111.63	-5071.83	-1.014e+04	7.664e+05
358	231	2.506e+06	-7636.19	-0.17	-552.50	0.0	1.006e+05	1.433e+04	-694.30	-4.798e+04	-7636.19	1.676e+06
		1.676e+06	-7.157e+04	1.19e-03	0.0	92.1	1.006e+05	1.378e+04	-694.30	-4.798e+04	-7.157e+04	2.506e+06
358	288	7.774e+05	-482.78	-0.05	-552.50	0.0	4.068e+04	4147.32	-107.84	-5934.49	-482.78	5.549e+05
		5.651e+05	-1.041e+04	1.08e-04	0.0	92.1	4.068e+04	3594.82	-107.84	-5934.49	-1.041e+04	7.774e+05
358	300	7.065e+05	247.88	-0.05	-552.50	0.0	4.340e+04	4168.83	-108.21	-4397.15	247.88	4.723e+05
		4.723e+05	-9716.09	-8.52e-05	0.0	92.1	4.340e+04	3616.33	-108.21	-4397.15	-9716.09	7.065e+05
358	310	7.909e+05	-563.22	-0.05	-552.50	0.0	4.095e+04	4156.13	-113.13	-6364.08	-563.22	5.579e+05
		5.579e+05	-1.098e+04	1.37e-04	0.0	92.1	4.095e+04	3603.63	-113.13	-6364.08	-1.098e+04	7.909e+05
358	313	7.234e+05	520.22	-0.05	-552.50	0.0	4.296e+04	4170.53	-108.34	-4756.90	520.22	4.895e+05
		4.895e+05	-9455.81	-1.61e-04	0.0	92.1	4.296e+04	3618.03	-108.34	-4756.90	-9455.81	7.234e+05
358	316	2.072e+06	-5342.60	-0.14	-552.50	0.0	8.583e+04	1.178e+04	-543.72	-3.711e+04	-5342.60	1.392e+06
		1.392e+06	-5.541e+04	8.27e-04	0.0	92.1	8.583e+04	1.123e+04	-543.72	-3.711e+04	-5.541e+04	2.072e+06
358	324	7.902e+05	-30.31	-0.05	-552.50	0.0	4.096e+04	4154.59	-108.01	-5906.04	-30.31	5.576e+05
		5.576e+05	-9976.01	-9.75e-05	0.0	92.1	4.096e+04	3602.09	-108.01	-5906.04	-9976.01	7.902e+05
358	337	6.582e+05	467.96	-0.04	-552.50	0.0	4.869e+04	4569.12	-85.11	-6390.91	467.96	4.524e+05
		4.524e+05	-7349.85	-5.28e-04	0.0	92.1	4.869e+04	4016.62	-85.11	-6390.91	-7349.85	6.582e+05
358	340	9.222e+05	-528.57	-0.06	-552.50	0.0	3.323e+04	3740.05	-130.91	-5421.18	-528.57	6.627e+05
		6.627e+05	-1.260e+04	3.64e-04	0.0	92.1	3.323e+04	3187.55	-130.91	-5421.18	-1.260e+04	9.222e+05
358	351	8.254e+05	2848.79	-0.05	-552.50	0.0	3.939e+04	4004.13	-72.36	-3820.53	2848.79	5.834e+05
		5.834e+05	-3946.33	-1.67e-03	0.0	92.1	3.939e+04	3451.63	-72.36	-3820.53	-3946.33	8.254e+05
358	356	8.335e+05	-2692.17	-0.05	-552.50	0.0	3.803e+04	4052.22	-150.05	-7970.09	-2692.17	5.939e+05
		5.939e+05	-1.645e+04	1.46e-03	0.0	92.1	3.803e+04	3499.72	-150.05	-7970.09	-1.645e+04	8.335e+05
358	365	7.216e+05	-33.68	-0.05	-552.50	0.0	4.485e+04	4367.19	-98.61	-6262.88	-33.68	5.030e+05
		5.030e+05	-9107.85	-1.98e-04	0.0	92.1	4.485e+04	3814.69	-98.61	-6262.88	-9107.85	7.216e+05
358	368	8.588e+05	-26.93	-0.05	-552.50	0.0	3.707e+04	3941.99	-117.41	-5549.20	-26.93	6.122e+05
		6.122e+05	-1.084e+04	1.11e-04	0.0	92.1	3.707e+04	3389.49	-117.41	-5549.20	-1.084e+04	8.588e+05
358	369	7.222e+05	212.94	-0.05	-552.50	0.0	4.486e+04	4365.53	-96.45	-6158.37	212.94	5.035e+05
		5.035e+05	-8659.53	-3.11e-04	0.0	92.1	4.486e+04	3813.03	-96.45	-6158.37	-8659.53	7.222e+05
358	372	8.582e+05	-273.55	-0.05	-552.50	0.0	3.705e+04	3943.64	-119.57	-5653.72	-273.55	6.116e+05
		6.116e+05	-1.129e+04	1.88e-04	0.0	92.1	3.705e+04	3391.14	-119.57	-5653.72	-1.129e+04	8.582e+05
358	383	8.084e+05	1401.79	-0.05	-552.50	0.0	4.016e+04	4078.38	-90.33	-4858.37	1401.79	5.709e+05
		5.709e+05	-6981.55	-8.77e-04	0.0	92.1	4.016e+04	3525.88	-90.33	-4858.37	-6981.55	8.084e+05
358	388	8.125e+05	-1351.91	-0.05	-552.50	0.0	3.948e+04	4102.19	-128.96	-6943.34	-1351.91	5.762e+05
		5.762e+05	-1.320e+04	6.75e-04	0.0	92.1	3.948e+04	3549.69	-128.96	-6943.34	-1.320e+04	8.125e+05
359	49	4.374e+06	8.632e+04	0.18	-826.88	0.0	2.044e+05	-1.474e+04	1179.09	1.571e+05	-3.404e+04	4.374e+06
		3.353e+06	-3.404e+04	-2.27e-03	0.0	102.1	2.044e+05	-1.557e+04	1179.09	1.571e+05	8.632e+04	3.353e+06
359	126	8.581e+05	3696.87	0.03	-612.50	0.0	4.843e+04	-1656.64	56.95	5439.85	-2116.60	8.581e+05
		7.319e+05	-2116.60	-2.51e-04	0.0	102.1	4.843e+04	-2269.14	56.95	5439.85	3696.87	7.319e+05
359	140	8.409e+05	3593.49	0.03	-612.50	0.0	4.892e+04	-1655.70	55.62	5344.86	-2084.17	8.409e+05
		7.147e+05	-2084.17	-2.25e-04	0.0	102.1	4.892e+04	-2268.20	55.62	5344.86	3593.49	7.147e+05
359	231	2.914e+06	5.682e+04	0.12	-612.50	0.0	1.326e+05	-1.026e+04	756.00	9.683e+04	-2.036e+04	2.914e+06
		2.200e+06	-2.036e+04	-1.38e-03	0.0	102.1	1.326e+05	-1.087e+04	756.00	9.683e+04	5.682e+04	2.200e+06
359	239	8.495e+05	3784.62	0.03	-612.50	0.0	4.962e+04	-1725.34	50.05	4695.38	-1324.91	8.495e+05
		7.200e+05	-1324.91	-1.74e-04	0.0	102.1	4.962e+04	-2337.84	50.05	4695.38	3784.62	7.200e+05
359	281	7.917e+05	2494.31	0.03	-612.50	0.0	5.224e+04	-1670.16	36.75	3731.61	-1256.83	7.917e+05
		6.653e+05	-1256.83	1.30e-05	0.0	102.1	5.224e+04	-2282.66	36.75	3731.61	2494.31	6.653e+05
359	313	8.088e+05	3112.10	0.03	-612.50	0.0	5.186e+04	-1672.44	36.83	3629.88	-647.76	8.088e+05
		6.822e+05	-647.76	7.73e-05	0.0	102.1	5.186e+04	-2284.94	36.83	3629.88	3112.10	6.822e+05
359	316	2.400e+06	4.369e+04	0.10	-612.50	0.0	1.121e+05	-8112.26	575.22	7.358e+04	-1.503e+04	2.400e+06
		1.832e+06	-1.503e+04	-1.00e-03	0.0	102.1	1.121e+05	-8724.76	575.22	7.358e+04	4.369e+04	1.832e+06
359	318	8.513e+05	3908.68	0.03	-612.50	0.0	4.986e+04	-1713.55	45.75	4475.29	-761.96	8.513e+05
		7.224e+05	-761.96	-9.11e-05	0.0	102.1	4.986e+04	-2326.05	45.75	4475.29	3908.68	7.224e+05
359	324	8.719e+05	3734.35	0.04	-612.50	0.0	5.012e+04	-1676.57	45.39	4455.80	-899.11	8.719e+05
		7.453e+05	-899.11	-8.06e-05	0.0	102.1	5.012e+04	-2289.07	45.39	4455.80	3734.35	7.453e+05
359	327	1.023e+06	5508.13	0.04	-612.50	0.0	4.156e+04	-1491.67	56.31	2306.21	-422.95	1.023e+06
		8.775e+05	-422.95	7.68e-05	0.0	102.1	4.156e+04	-2104.17	56.31	2306.21	5508.13	8.775e+05
359	330	7.214e+05	2234.50	0.03	-612.50	0.0	5.881e+04	-1864.05	39.73	6982.52	-1714.96	7.214e+05
		6.128e+05	-1714.96	-3.39e-04	0.0	102.1	5.881e+04	-2476.55	39.73	6982.52	2234.50	6.128e+05
359	331	1.022e+06	5234.20	0.04	-612.50	0.0	4.143e+04	-1489.10	51.04	1929.08	-83.26	1.022e+06
		8.778e+05	-83.26	2.10e-04	0.0	102.1	4.143e+04	-2101.60	51.04	1929.08	5234.20	8.778e+05

359	333	7.250e+05	5704.77	0.03	-612.50	0.0	5.828e+04	-1881.27	57.78	5320.25	-358.44	7.250e+05
		6.156e+05	-358.44	1.39e-04	0.0	102.1	5.828e+04	-2493.77	57.78	5320.25	5704.77	6.156e+05
359	352	9.109e+05	3681.66	0.04	-612.50	0.0	4.865e+04	-1592.63	90.39	7186.20	-5273.94	9.109e+05
		7.793e+05	-5273.94	-1.08e-03	0.0	102.1	4.865e+04	-2205.13	90.39	7186.20	3681.66	7.793e+05
359	358	7.943e+05	2721.07	0.03	-612.50	0.0	5.439e+04	-1773.34	39.67	5685.84	-1050.33	7.943e+05
		6.768e+05	-1050.33	-1.32e-04	0.0	102.1	5.439e+04	-2385.84	39.67	5685.84	2721.07	6.768e+05
359	359	9.494e+05	4747.63	0.04	-612.50	0.0	4.585e+04	-1579.81	51.11	3225.76	-747.89	9.494e+05
		8.138e+05	-747.89	-4.80e-05	0.0	102.1	4.585e+04	-2192.31	51.11	3225.76	4747.63	8.138e+05
359	362	7.946e+05	2971.36	0.03	-612.50	0.0	5.452e+04	-1772.00	42.37	5725.16	-1300.84	7.946e+05
		6.772e+05	-1300.84	-2.01e-04	0.0	102.1	5.452e+04	-2384.50	42.37	5725.16	2971.36	6.772e+05
359	363	9.491e+05	4497.35	0.04	-612.50	0.0	4.572e+04	-1581.15	48.41	3186.44	-497.38	9.491e+05
		8.134e+05	-497.38	7.22e-05	0.0	102.1	4.572e+04	-2193.65	48.41	3186.44	4497.35	8.134e+05
359	377	8.528e+05	5034.48	0.03	-612.50	0.0	5.130e+04	-1714.42	37.54	3211.99	312.68	8.528e+05
		7.291e+05	312.68	2.11e-04	0.0	102.1	5.130e+04	-2326.92	37.54	3211.99	5034.48	7.291e+05
359	384	8.920e+05	3714.03	0.04	-612.50	0.0	4.937e+04	-1634.18	67.82	5813.02	-3074.54	8.920e+05
		7.629e+05	-3074.54	-5.68e-04	0.0	102.1	4.937e+04	-2246.68	67.82	5813.02	3714.03	7.629e+05
360	45	1.521e+06	1.976e+04	-0.09	-745.88	0.0	7.689e+04	5664.60	238.19	8139.38	-2178.55	1.204e+06
		1.204e+06	-2178.55	4.54e-04	0.0	92.1	7.689e+04	4918.73	238.19	8139.38	1.976e+04	1.521e+06
360	49	3.613e+06	1.523e+04	-0.24	-745.88	0.0	1.493e+05	1.995e+04	264.26	-1.081e+05	-9102.95	2.439e+06
		2.439e+06	-9102.95	1.71e-03	0.0	92.1	1.493e+05	1.920e+04	264.26	-1.081e+05	1.523e+04	3.613e+06
360	50	3.309e+06	1.193e+04	-0.23	-552.50	0.0	1.337e+05	1.832e+04	230.62	-1.111e+05	-9307.09	2.228e+06
		2.228e+06	-9307.09	1.65e-03	0.0	92.1	1.337e+05	1.777e+04	230.62	-1.111e+05	1.193e+04	3.309e+06
360	126	7.753e+05	7778.03	-0.05	-552.50	0.0	3.953e+04	3992.60	96.00	3737.34	-1061.56	5.538e+05
		5.538e+05	-1061.56	3.34e-04	0.0	92.1	3.953e+04	3440.10	96.00	3737.34	7778.03	7.753e+05
360	140	7.584e+05	7807.64	-0.05	-552.50	0.0	4.000e+04	3993.89	95.01	3832.68	-941.62	5.368e+05
		5.368e+05	-941.62	3.30e-04	0.0	92.1	4.000e+04	3441.39	95.01	3832.68	7807.64	7.584e+05
360	227	1.073e+06	2.031e+04	-0.06	-552.50	0.0	5.420e+04	3406.38	219.40	2.067e+04	103.19	8.862e+05
		8.862e+05	103.19	2.47e-04	0.0	92.1	5.420e+04	2853.88	219.40	2.067e+04	2.031e+04	1.073e+06
360	231	2.377e+06	1.815e+04	-0.16	-552.50	0.0	9.526e+04	1.329e+04	228.70	-5.293e+04	-2914.07	1.599e+06
		1.599e+06	-2914.07	1.06e-03	0.0	92.1	9.526e+04	1.274e+04	228.70	-5.293e+04	1.815e+04	2.377e+06
360	269	7.961e+05	8405.00	-0.05	-552.50	0.0	4.070e+04	4144.24	97.61	5018.42	-583.05	5.643e+05
		5.643e+05	-583.05	2.71e-04	0.0	92.1	4.070e+04	3591.74	97.61	5018.42	8405.00	7.961e+05
360	270	1.034e+06	1561.26	-0.07	-552.50	0.0	5.761e+04	5616.73	63.31	-2.229e+04	-4268.17	7.115e+05
		7.115e+05	-4268.17	4.55e-04	0.0	92.1	5.761e+04	5064.23	63.31	-2.229e+04	1561.26	1.034e+06
360	281	7.127e+05	8834.10	-0.05	-552.50	0.0	4.297e+04	4146.23	91.12	6115.91	443.28	4.813e+05
		4.813e+05	443.28	1.73e-04	0.0	92.1	4.297e+04	3593.73	91.12	6115.91	8834.10	7.127e+05
360	309	7.902e+05	9976.01	-0.05	-552.50	0.0	4.096e+04	4154.59	108.01	5906.04	30.31	5.576e+05
		5.576e+05	30.31	9.75e-05	0.0	92.1	4.096e+04	3602.09	108.01	5906.04	9976.01	7.902e+05
360	313	7.291e+05	1.030e+04	-0.05	-552.50	0.0	4.262e+04	4155.90	103.20	6733.02	797.53	4.968e+05
		4.968e+05	797.53	-9.68e-05	0.0	92.1	4.262e+04	3603.40	103.20	6733.02	1.030e+04	7.291e+05
360	315	9.985e+05	1.847e+04	-0.06	-552.50	0.0	5.101e+04	3595.14	195.22	1.731e+04	492.22	7.999e+05
		7.999e+05	492.22	-1.31e-04	0.0	92.1	5.101e+04	3042.64	195.22	1.731e+04	1.847e+04	9.985e+05
360	316	1.976e+06	1.685e+04	-0.13	-552.50	0.0	8.180e+04	1.101e+04	202.19	-3.789e+04	-1770.72	1.334e+06
		1.334e+06	-1770.72	7.18e-04	0.0	92.1	8.180e+04	1.046e+04	202.19	-3.789e+04	1.685e+04	1.976e+06
360	324	7.902e+05	9976.01	-0.05	-552.50	0.0	4.096e+04	4154.59	108.01	5906.04	30.31	5.576e+05
		5.576e+05	30.31	9.75e-05	0.0	92.1	4.096e+04	3602.09	108.01	5906.04	9976.01	7.902e+05
360	327	9.224e+05	1.198e+04	-0.06	-552.50	0.0	3.324e+04	3737.28	128.90	5261.37	80.54	6.625e+05
		6.625e+05	80.54	-2.64e-04	0.0	92.1	3.324e+04	3184.78	128.90	5261.37	1.198e+04	9.224e+05
360	330	6.582e+05	7349.85	-0.04	-552.50	0.0	4.869e+04	4569.12	85.11	6390.91	-467.96	4.524e+05
		4.524e+05	-467.96	5.28e-04	0.0	92.1	4.869e+04	4016.62	85.11	6390.91	7349.85	6.582e+05
360	331	9.222e+05	1.260e+04	-0.06	-552.50	0.0	3.323e+04	3740.05	130.91	5421.17	528.58	6.627e+05
		6.627e+05	528.58	-3.64e-04	0.0	92.1	3.323e+04	3187.55	130.91	5421.17	1.260e+04	9.222e+05
360	351	8.335e+05	1.645e+04	-0.05	-552.50	0.0	3.803e+04	4052.22	150.05	7970.09	2692.18	5.939e+05
		5.939e+05	2692.18	-1.46e-03	0.0	92.1	3.803e+04	3499.72	150.05	7970.09	1.645e+04	8.335e+05
360	356	8.254e+05	3946.34	-0.05	-552.50	0.0	3.939e+04	4004.14	72.36	3820.52	-2848.80	5.834e+05
		5.834e+05	-2848.80	1.67e-03	0.0	92.1	3.939e+04	3451.64	72.36	3820.52	3946.34	8.254e+05
360	358	7.216e+05	9107.85	-0.05	-552.50	0.0	4.485e+04	4367.19	98.61	6262.88	33.68	5.030e+05
		5.030e+05	33.68	1.98e-04	0.0	92.1	4.485e+04	3814.69	98.61	6262.88	9107.85	7.216e+05
360	359	8.588e+05	1.084e+04	-0.05	-552.50	0.0	3.707e+04	3941.99	117.41	5549.20	26.93	6.122e+05
		6.122e+05	26.93	-1.11e-04	0.0	92.1	3.707e+04	3389.49	117.41	5549.20	1.084e+04	8.588e+05
360	362	7.222e+05	8659.53	-0.05	-552.50	0.0	4.486e+04	4365.53	96.45	6158.37	-212.94	5.035e+05
		5.035e+05	-212.94	3.11e-04	0.0	92.1	4.486e+04	3813.03	96.45	6158.37	8659.53	7.222e+05
360	363	8.582e+05	1.129e+04	-0.05	-552.50	0.0	3.705e+04	3943.64	119.57	5653.71	273.55	6.116e+05
		6.116e+05	273.55	-1.88e-04	0.0	92.1	3.705e+04	3391.14	119.57	5653.71	1.129e+04	8.582e+05
360	383	8.125e+05	1.320e+04	-0.05	-552.50	0.0	3.948e+04	4102.19	128.96	6943.34	1351.91	5.762e+05
		5.762e+05	1351.91	-6.75e-04	0.0	92.1	3.948e+04	3549.69	128.96	6943.34	1.320e+04	8.125e+05
360	388	8.084e+05	6981.55	-0.05	-552.50	0.0	4.016e+04	4078.38	90.33	4858.37	-1401.79	5.709e+05
		5.709e+05	-1401.79	8.77e-04	0.0	92.1	4.016e+04	3525.88	90.33	4858.37	6981.55	8.084e+05
361	73	3.999e+06	422.75	0.16	-826.88	0.0	1.870e+05	-1.426e+04	-683.57	-4.352e+04	422.75	3.999e+06
		3.033e+06	-6.936e+04	-2.49e-03	0.0	102.1	1.870e+05	-1.508e+04	-683.57	-4.352e+04	-6.936e+04	3.033e+06
361	124	8.523e+05	2331.20	0.03	-612.50	0.0	4.965e+04	-1937.88	-191.48	-1.817e+04	2331.20	8.523e+05
		7.082e+05	-1.722e+04	-3.09e-04	0.0	102.1	4.965e+04	-2550.38	-191.48	-1.817e+04	-1.722e+04	7.082e+05
361	140	8.421e+05	2416.11	0.03	-612.50	0.0	5.006e+04	-1937.72	-191.03	-1.822e+04	2416.11	8.421e+05
		6.980e+05	-1.709e+04	-2.86e-04	0.0	102.1	5.006e+04	-2550.22	-191.03	-1.822e+04	-1.709e+04	6.980e+05
361	161	1.212e+06	6093.74	0.05	-826.87	0.0	7.007e+04	-2815.27	-293.87	-3.593e+04	6093.74	1.212e+06
		1.002e+06	-3.696e+04	2.14e-04	-255.72	102.1	7.007e+04	-3642.15	-549.59	-3.593e+04	-3.696e+04	1.002e+06
361	243	2.742e+06	2824.26	0.11	-612.50	0.0	1.259e+05	-1.001e+04	-426.60	-4.005e+04	2824.26	2.742e+06

		2.061e+06	-4.073e+04	-1.58e-03	0.0	102.1	1.259e+05	-1.062e+04	-426.60	-4.005e+04	-4.073e+04	2.061e+06
361	268	8.847e+05	3554.05	0.04	-612.50	0.0	5.132e+04	-2057.80	-249.07	-2.213e+04	3554.05	8.847e+05
		7.315e+05	-2.187e+04	-2.10e-04	0.0	102.1	5.132e+04	-2670.30	-249.07	-2.213e+04	-2.187e+04	7.315e+05
361	281	8.112e+05	3604.53	0.03	-612.50	0.0	5.330e+04	-2060.30	-257.07	-2.169e+04	3604.53	8.112e+05
		6.579e+05	-2.264e+04	1.52e-04	0.0	102.1	5.330e+04	-2672.80	-257.07	-2.169e+04	-2.264e+04	6.579e+05
361	287	8.942e+05	4403.87	0.04	-612.50	0.0	5.168e+04	-2069.88	-214.72	-2.583e+04	4403.87	8.942e+05
		7.399e+05	-2.622e+04	1.51e-04	-170.48	102.1	5.168e+04	-2682.38	-385.20	-2.583e+04	-2.622e+04	7.399e+05
361	309	8.912e+05	4256.67	0.04	-612.50	0.0	5.132e+04	-2052.86	-246.74	-2.253e+04	4256.67	8.912e+05
		7.377e+05	-2.093e+04	1.56e-04	0.0	102.1	5.132e+04	-2665.36	-246.74	-2.253e+04	-2.093e+04	7.377e+05
361	316	8.353e+05	4550.82	0.03	-612.50	0.0	5.246e+04	-2039.63	-254.63	-2.318e+04	4550.82	8.353e+05
		6.812e+05	-2.144e+04	2.48e-04	0.0	102.1	5.246e+04	-2652.13	-254.63	-2.318e+04	-2.144e+04	6.812e+05
361	319	2.281e+06	3603.02	0.09	-612.50	0.0	1.071e+05	-8014.23	-382.42	-3.580e+04	3603.02	2.281e+06
		1.732e+06	-3.544e+04	-1.14e-03	0.0	102.1	1.071e+05	-8626.73	-382.42	-3.580e+04	-3.544e+04	1.732e+06
361	321	8.447e+05	4742.12	0.03	-612.50	0.0	5.214e+04	-2056.77	-244.56	-2.212e+04	4742.12	8.447e+05
		6.923e+05	-2.022e+04	1.80e-04	0.0	102.1	5.214e+04	-2669.27	-244.56	-2.212e+04	-2.022e+04	6.923e+05
361	324	8.912e+05	4256.67	0.04	-612.50	0.0	5.132e+04	-2052.86	-246.74	-2.253e+04	4256.67	8.912e+05
		7.377e+05	-2.093e+04	1.56e-04	0.0	102.1	5.132e+04	-2665.36	-246.74	-2.253e+04	-2.093e+04	7.377e+05
361	341	9.269e+05	7543.91	0.04	-612.50	0.0	5.427e+04	-1857.35	-271.59	-2.870e+04	7543.91	9.269e+05
		7.758e+05	-1.723e+04	5.55e-04	0.0	102.1	5.427e+04	-2469.85	-271.59	-2.870e+04	-1.723e+04	7.758e+05
361	342	8.532e+05	1059.89	0.04	-612.50	0.0	4.817e+04	-2214.24	-219.56	-1.614e+04	1059.89	8.532e+05
		7.100e+05	-2.445e+04	-7.01e-04	0.0	102.1	4.817e+04	-2826.74	-219.56	-1.614e+04	-2.445e+04	7.100e+05
361	343	9.192e+05	7453.46	0.04	-612.50	0.0	5.448e+04	-1891.49	-273.92	-2.891e+04	7453.46	9.192e+05
		7.653e+05	-1.741e+04	5.34e-04	0.0	102.1	5.448e+04	-2503.99	-273.92	-2.891e+04	-1.741e+04	7.653e+05
361	344	8.555e+05	969.44	0.04	-612.50	0.0	4.838e+04	-2248.38	-221.89	-1.635e+04	969.44	8.555e+05
		6.996e+05	-2.463e+04	-7.27e-04	0.0	102.1	4.838e+04	-2860.88	-221.89	-1.635e+04	-2.463e+04	6.996e+05
361	348	8.555e+05	1049.35	0.04	-612.50	0.0	4.838e+04	-2247.52	-222.09	-1.634e+04	1049.35	8.555e+05
		6.997e+05	-2.466e+04	-7.30e-04	0.0	102.1	4.838e+04	-2860.02	-222.09	-1.634e+04	-2.466e+04	6.997e+05
361	373	9.008e+05	5585.93	0.04	-612.50	0.0	5.073e+04	-1973.98	-253.47	-2.484e+04	5585.93	9.008e+05
		7.491e+05	-2.022e+04	2.56e-04	0.0	102.1	5.073e+04	-2586.48	-253.47	-2.484e+04	-2.022e+04	7.491e+05
361	376	8.816e+05	2927.42	0.04	-612.50	0.0	5.191e+04	-2131.75	-240.01	-2.021e+04	2927.42	8.816e+05
		7.263e+05	-2.164e+04	-2.92e-04	0.0	102.1	5.191e+04	-2744.25	-240.01	-2.021e+04	-2.164e+04	7.263e+05
361	381	9.042e+05	5642.83	0.04	-612.50	0.0	5.081e+04	-2019.03	-251.53	-2.357e+04	5642.83	9.042e+05
		7.503e+05	-2.006e+04	3.75e-04	0.0	102.1	5.081e+04	-2631.53	-251.53	-2.357e+04	-2.006e+04	7.503e+05
361	384	8.782e+05	2870.52	0.04	-612.50	0.0	5.184e+04	-2086.70	-241.95	-2.148e+04	2870.52	8.782e+05
		7.251e+05	-2.180e+04	-4.64e-04	0.0	102.1	5.184e+04	-2699.20	-241.95	-2.148e+04	-2.180e+04	7.251e+05
361	388	8.782e+05	2910.13	0.04	-612.50	0.0	5.183e+04	-2086.27	-242.05	-2.148e+04	2910.13	8.782e+05
		7.252e+05	-2.182e+04	-4.65e-04	0.0	102.1	5.183e+04	-2698.77	-242.05	-2.148e+04	-2.182e+04	7.252e+05
362	73	4.371e+06	8.633e+04	0.18	-826.88	0.0	2.045e+05	-1.474e+04	1179.12	1.571e+05	-3.404e+04	4.371e+06
		3.349e+06	-3.404e+04	-2.27e-03	0.0	102.1	2.045e+05	-1.557e+04	1179.12	1.571e+05	8.633e+04	3.349e+06
362	124	8.454e+05	3396.16	0.03	-612.50	0.0	4.870e+04	-1655.85	54.49	5498.07	-2166.07	8.454e+05
		7.192e+05	-2166.07	-2.59e-04	0.0	102.1	4.870e+04	-2268.35	54.49	5498.07	3396.16	7.192e+05
362	140	8.342e+05	3617.38	0.03	-612.50	0.0	4.911e+04	-1655.59	55.92	5386.43	-2090.68	8.342e+05
		7.081e+05	-2090.68	-2.42e-04	0.0	102.1	4.911e+04	-2268.09	55.92	5386.43	3617.38	7.081e+05
362	231	7.954e+05	2663.21	0.03	-612.50	0.0	5.220e+04	-1671.10	37.06	3376.97	-1119.59	7.954e+05
		6.689e+05	-1119.59	2.13e-05	0.0	102.1	5.220e+04	-2283.60	37.06	3376.97	2663.21	6.689e+05
362	243	2.913e+06	5.681e+04	0.12	-612.50	0.0	1.326e+05	-1.026e+04	755.78	9.680e+04	-2.035e+04	2.913e+06
		2.198e+06	-2.035e+04	-1.38e-03	0.0	102.1	1.326e+05	-1.087e+04	755.78	9.680e+04	5.681e+04	2.198e+06
362	268	8.692e+05	3126.34	0.04	-612.50	0.0	5.004e+04	-1675.17	46.54	4869.00	-1625.02	8.692e+05
		7.429e+05	-1625.02	-1.81e-04	0.0	102.1	5.004e+04	-2287.67	46.54	4869.00	3126.34	7.429e+05
362	309	8.719e+05	3734.35	0.04	-612.50	0.0	5.012e+04	-1676.58	45.39	4455.80	-899.11	8.719e+05
		7.453e+05	-899.11	-8.06e-05	0.0	102.1	5.012e+04	-2289.08	45.39	4455.80	3734.35	7.453e+05
362	316	8.151e+05	3094.98	0.03	-612.50	0.0	5.167e+04	-1673.07	36.40	3525.91	-621.01	8.151e+05
		6.884e+05	-621.01	6.84e-05	0.0	102.1	5.167e+04	-2285.57	36.40	3525.91	3094.98	6.884e+05
362	319	2.403e+06	4.370e+04	0.10	-612.50	0.0	1.120e+05	-8112.81	575.45	7.359e+04	-1.504e+04	2.403e+06
		1.835e+06	-1.504e+04	-1.00e-03	0.0	102.1	1.120e+05	-8725.31	575.45	7.359e+04	4.370e+04	1.835e+06
362	324	8.719e+05	3734.35	0.04	-612.50	0.0	5.012e+04	-1676.58	45.39	4455.80	-899.11	8.719e+05
		7.453e+05	-899.11	-8.06e-05	0.0	102.1	5.012e+04	-2289.08	45.39	4455.80	3734.35	7.453e+05
362	325	8.875e+05	2631.23	0.04	-612.50	0.0	5.007e+04	-1731.32	35.26	3192.24	139.44	8.875e+05
		7.631e+05	139.44	1.44e-04	0.0	102.1	5.007e+04	-2343.82	35.26	3192.24	2631.23	7.631e+05
362	336	8.562e+05	4306.74	0.03	-612.50	0.0	5.016e+04	-1622.06	48.88	5777.64	-1762.51	8.562e+05
		7.275e+05	-1762.51	-2.79e-04	0.0	102.1	5.016e+04	-2234.56	48.88	5777.64	4306.74	7.275e+05
362	342	8.643e+05	6518.61	0.04	-612.50	0.0	4.901e+04	-1654.60	68.83	9391.14	-4105.26	8.643e+05
		7.408e+05	-4105.26	-6.93e-04	0.0	102.1	4.901e+04	-2267.10	68.83	9391.14	6518.61	7.408e+05
362	343	8.795e+05	2307.05	0.03	-612.50	0.0	5.123e+04	-1698.55	21.95	-479.54	2307.05	8.795e+05
		7.498e+05	950.10	5.65e-04	0.0	102.1	5.123e+04	-2311.05	21.95	-479.54	950.10	7.498e+05
362	346	8.642e+05	6677.83	0.04	-612.50	0.0	4.902e+04	-1654.54	70.82	9373.66	-4157.81	8.642e+05
		7.408e+05	-4157.81	-6.91e-04	0.0	102.1	4.902e+04	-2267.04	70.82	9373.66	6677.83	7.408e+05
362	357	8.788e+05	3796.87	0.04	-612.50	0.0	4.992e+04	-1700.99	39.94	4085.64	-470.60	8.788e+05
		7.535e+05	-470.60	-3.86e-05	0.0	102.1	4.992e+04	-2313.49	39.94	4085.64	3796.87	7.535e+05
362	360	8.649e+05	3671.84	0.03	-612.50	0.0	5.032e+04	-1652.16	50.84	4825.96	-1327.62	8.649e+05
		7.371e+05	-1327.62	-1.36e-04	0.0	102.1	5.032e+04	-2264.66	50.84	4825.96	3671.84	7.371e+05
362	361	8.790e+05	3812.32	0.04	-612.50	0.0	4.993e+04	-1701.93	41.03	4234.99	-469.54	8.790e+05
		7.538e+05	-469.54	5.53e-05	0.0	102.1	4.993e+04	-2314.43	41.03	4234.99	3812.32	7.538e+05
362	372	8.648e+05	3392.06	0.03	-612.50	0.0	5.030e+04	-1651.33	46.45	4705.87	-1241.73	8.648e+05
		7.368e+05	-1241.73	-1.87e-04	0.0	102.1	5.030e+04	-2263.83	46.45	4705.87	3392.06	7.368e+05
362	385	8.770e+05	4443.98	0.04	-612.50	0.0	5.001e+04	-1694.82	36.12	3409.19	401.08	8.770e+05
		7.508e+05	401.08	3.08e-04	0.0	102.1	5.001e+04	-2307.32	36.12	3409.19	4443.98	7.508e+05

362	386	8.704e+05	3110.05	0.04	-612.50	0.0	5.013e+04	-1671.37	55.79	5544.55	-2230.57	8.704e+05
		7.443e+05	-2230.57	-4.29e-04	0.0	102.1	5.013e+04	-2283.87	55.79	5544.55	3110.05	7.443e+05
363	73	4.842e+06	1863.55	0.20	-826.88	0.0	2.255e+05	-1.812e+04	-709.97	-4.070e+04	1863.55	4.842e+06
		3.582e+06	-7.061e+04	-5.84e-04	0.0	102.1	2.255e+05	-1.895e+04	-709.97	-4.070e+04	-7.061e+04	3.582e+06
363	77	3.712e+06	2715.23	0.15	-826.88	0.0	1.741e+05	-1.350e+04	-541.36	-3.687e+04	2715.23	3.712e+06
		2.770e+06	-5.255e+04	4.06e-04	0.0	102.1	1.741e+05	-1.433e+04	-541.36	-3.687e+04	-5.255e+04	2.770e+06
363	162	8.477e+05	384.55	0.03	-612.50	0.0	4.867e+04	-1657.83	-43.47	-5015.41	384.55	8.477e+05
		7.209e+05	-4053.16	3.63e-05	0.0	102.1	4.867e+04	-2270.33	-43.47	-5015.41	-4053.16	7.209e+05
363	178	8.365e+05	298.79	0.03	-612.50	0.0	4.907e+04	-1657.55	-44.66	-4867.19	298.79	8.365e+05
		7.098e+05	-4260.76	-3.24e-05	0.0	102.1	4.907e+04	-2270.05	-44.66	-4867.19	-4260.76	7.098e+05
363	231	7.936e+05	684.70	0.03	-612.50	0.0	5.251e+04	-1675.37	-51.40	-5804.14	684.70	7.936e+05
		6.676e+05	-4562.76	1.44e-04	0.0	102.1	5.251e+04	-2287.87	-51.40	-5804.14	-4562.76	6.676e+05
363	243	3.141e+06	4119.81	0.13	-612.50	0.0	1.420e+05	-1.208e+04	-519.55	-4.082e+04	4119.81	3.141e+06
		2.301e+06	-4.892e+04	4.00e-04	0.0	102.1	1.420e+05	-1.269e+04	-519.55	-4.082e+04	-4.892e+04	2.301e+06
363	287	8.708e+05	442.59	0.04	-612.50	0.0	5.001e+04	-1676.49	-39.23	-4548.64	442.59	8.708e+05
		7.440e+05	-3562.40	3.78e-05	0.0	102.1	5.001e+04	-2288.99	-39.23	-4548.64	-3562.40	7.440e+05
363	310	8.726e+05	307.89	0.04	-612.50	0.0	5.011e+04	-1677.23	-41.73	-4295.62	307.89	8.726e+05
		7.459e+05	-3952.39	3.01e-05	0.0	102.1	5.011e+04	-2289.73	-41.73	-4295.62	-3952.39	7.459e+05
363	316	8.126e+05	1181.66	0.03	-612.50	0.0	5.192e+04	-1675.29	-52.65	-5586.54	1181.66	8.126e+05
		6.866e+05	-4192.60	1.85e-04	0.0	102.1	5.192e+04	-2287.79	-52.65	-5586.54	-4192.60	6.866e+05
363	319	2.573e+06	3757.99	0.11	-612.50	0.0	1.190e+05	-9480.44	-403.76	-3.185e+04	3757.99	2.573e+06
		1.911e+06	-3.746e+04	3.49e-04	0.0	102.1	1.190e+05	-1.009e+04	-403.76	-3.185e+04	-3.746e+04	1.911e+06
363	324	8.719e+05	899.10	0.04	-612.50	0.0	5.012e+04	-1676.58	-45.39	-4455.79	899.10	8.719e+05
		7.453e+05	-3734.35	8.06e-05	0.0	102.1	5.012e+04	-2289.08	-45.39	-4455.79	-3734.35	7.453e+05
363	327	8.562e+05	1828.14	0.03	-612.50	0.0	5.018e+04	-1623.14	-49.37	-5734.79	1828.14	8.562e+05
		7.269e+05	-4205.78	2.81e-04	0.0	102.1	5.018e+04	-2235.64	-49.37	-5734.79	-4205.78	7.269e+05
363	334	8.876e+05	-205.07	0.04	-612.50	0.0	5.005e+04	-1730.24	-34.78	-3235.06	-205.07	8.876e+05
		7.637e+05	-2732.19	-1.46e-04	0.0	102.1	5.005e+04	-2342.74	-34.78	-3235.06	-2732.19	7.637e+05
363	341	8.642e+05	4376.57	0.04	-612.50	0.0	4.909e+04	-1658.15	-72.44	-9230.87	4376.57	8.642e+05
		7.389e+05	-6341.31	6.98e-04	0.0	102.1	4.909e+04	-2270.65	-72.44	-9230.87	-6341.31	7.389e+05
363	345	8.643e+05	4324.03	0.04	-612.50	0.0	4.908e+04	-1658.21	-70.45	-9248.35	4324.03	8.643e+05
		7.389e+05	-6182.08	6.99e-04	0.0	102.1	4.908e+04	-2270.71	-70.45	-9248.35	-6182.08	7.389e+05
363	348	8.795e+05	4268.62	0.03	-612.50	0.0	5.115e+04	-1694.94	-20.33	336.77	-2525.82	8.795e+05
		7.517e+05	-2525.82	-5.71e-04	0.0	102.1	5.115e+04	-2307.44	-20.33	336.77	-1286.62	7.517e+05
363	363	8.648e+05	1241.72	0.03	-612.50	0.0	5.030e+04	-1651.33	-46.45	-4705.86	1241.72	8.648e+05
		7.368e+05	-3392.06	1.87e-04	0.0	102.1	5.030e+04	-2263.83	-46.45	-4705.86	-3392.06	7.368e+05
363	366	8.788e+05	470.60	0.04	-612.50	0.0	4.992e+04	-1701.00	-39.94	-4085.64	470.60	8.788e+05
		7.535e+05	-3796.87	3.86e-05	0.0	102.1	4.992e+04	-2313.50	-39.94	-4085.64	-3796.87	7.535e+05
363	367	8.649e+05	1327.61	0.03	-612.50	0.0	5.032e+04	-1652.16	-50.84	-4825.95	1327.61	8.649e+05
		7.371e+05	-3671.84	1.36e-04	0.0	102.1	5.032e+04	-2264.66	-50.84	-4825.95	-3671.84	7.371e+05
363	370	8.790e+05	469.54	0.04	-612.50	0.0	4.993e+04	-1701.93	-41.03	-4234.98	469.54	8.790e+05
		7.538e+05	-3812.32	-5.53e-05	0.0	102.1	4.993e+04	-2314.43	-41.03	-4234.98	-3812.32	7.538e+05
363	381	8.704e+05	2230.57	0.04	-612.50	0.0	5.013e+04	-1671.37	-55.79	-5544.55	2230.57	8.704e+05
		7.443e+05	-3110.05	4.29e-04	0.0	102.1	5.013e+04	-2283.87	-55.79	-5544.55	-3110.05	7.443e+05
363	382	8.770e+05	-401.08	0.04	-612.50	0.0	5.001e+04	-1694.82	-36.12	-3409.18	-401.08	8.770e+05
		7.508e+05	-4443.98	-3.08e-04	0.0	102.1	5.001e+04	-2307.32	-36.12	-3409.18	-4443.98	7.508e+05
364	73	5.249e+06	7736.77	0.21	-826.88	0.0	2.468e+05	-1.978e+04	359.01	1.464e+05	-2.891e+04	5.249e+06
		3.911e+06	-2.891e+04	5.66e-04	0.0	102.1	2.468e+05	-2.060e+04	359.01	1.464e+05	7736.77	3.911e+06
364	143	1.210e+06	3.570e+04	0.05	-826.87	0.0	6.988e+04	-2804.07	298.19	3.641e+04	-7790.60	1.210e+06
		9.990e+05	-7790.60	-3.50e-04	255.72	102.1	6.988e+04	-2630.95	553.91	3.641e+04	3.570e+04	9.990e+05
364	162	8.595e+05	1.585e+04	0.04	-612.50	0.0	4.923e+04	-1926.62	194.64	1.869e+04	-4020.76	8.595e+05
		7.144e+05	-4020.76	-1.26e-04	0.0	102.1	4.923e+04	-2539.12	194.64	1.869e+04	1.585e+04	7.144e+05
364	178	8.494e+05	1.571e+04	0.03	-612.50	0.0	4.963e+04	-1926.07	194.18	1.877e+04	-4115.57	8.494e+05
		7.043e+05	-4115.57	-1.37e-04	0.0	102.1	4.963e+04	-2538.57	194.18	1.877e+04	1.571e+04	7.043e+05
364	243	3.349e+06	1.223e+04	0.14	-612.50	0.0	1.520e+05	-1.334e+04	293.53	9.130e+04	-1.773e+04	3.349e+06
		2.440e+06	-1.773e+04	4.37e-04	0.0	102.1	1.520e+05	-1.395e+04	293.53	9.130e+04	1.223e+04	2.440e+06
364	251	8.098e+05	2.322e+04	0.03	-612.50	0.0	5.375e+04	-2044.35	268.87	2.243e+04	-4225.01	8.098e+05
		6.544e+05	-4225.01	-2.29e-04	0.0	102.1	5.375e+04	-2656.85	268.87	2.243e+04	2.322e+04	6.544e+05
364	283	8.434e+05	2.597e+04	0.03	-612.50	0.0	5.278e+04	-2062.69	223.70	2.596e+04	-5572.56	8.434e+05
		6.883e+05	-5572.56	-2.57e-04	170.48	102.1	5.278e+04	-2675.19	394.18	2.596e+04	2.597e+04	6.883e+05
364	287	8.895e+05	2.096e+04	0.04	-612.50	0.0	5.104e+04	-2050.32	251.16	2.248e+04	-4675.43	8.895e+05
		7.356e+05	-4675.43	-1.87e-04	0.0	102.1	5.104e+04	-2662.82	251.16	2.248e+04	2.096e+04	7.356e+05
364	310	8.936e+05	2.048e+04	0.04	-612.50	0.0	5.118e+04	-2049.13	247.79	2.270e+04	-4817.37	8.936e+05
		7.397e+05	-4817.37	-1.97e-04	0.0	102.1	5.118e+04	-2661.63	247.79	2.270e+04	2.048e+04	7.397e+05
364	319	2.733e+06	1.475e+04	0.11	-612.50	0.0	1.270e+05	-1.052e+04	281.04	7.398e+04	-1.394e+04	2.733e+06
		2.013e+06	-1.394e+04	4.18e-04	0.0	102.1	1.270e+05	-1.113e+04	281.04	7.398e+04	1.475e+04	2.013e+06
364	320	1.105e+06	2.329e+04	0.04	-612.50	0.0	6.160e+04	-1235.89	273.54	2.153e+04	-4629.69	1.105e+06
		1.003e+06	-4629.69	-2.13e-04	0.0	102.1	6.160e+04	-1848.39	273.54	2.153e+04	2.329e+04	1.003e+06
364	321	8.284e+05	2.299e+04	0.03	-612.50	0.0	5.325e+04	-2049.18	262.55	2.233e+04	-3812.54	8.284e+05
		6.737e+05	-3812.54	-1.82e-04	0.0	102.1	5.325e+04	-2661.68	262.55	2.233e+04	2.299e+04	6.737e+05
364	324	8.912e+05	2.093e+04	0.04	-612.50	0.0	5.132e+04	-2052.86	246.74	2.253e+04	-4256.68	8.912e+05
		7.377e+05	-4256.68	-1.56e-04	0.0	102.1	5.132e+04	-2665.36	246.74	2.253e+04	2.093e+04	7.377e+05
364	343	8.546e+05	2.395e+04	0.04	-612.50	0.0	4.858e+04	-2238.67	221.14	1.662e+04	-654.83	8.546e+05
		6.981e+05	-654.83	7.42e-04	0.0	102.1	4.858e+04	-2851.17	221.14	1.662e+04	2.395e+04	6.981e+05
364	345	8.623e+05	2.374e+04	0.04	-612.50	0.0	4.838e+04	-2205.39	218.61	1.642e+04	-665.38	8.623e+05
		7.085e+05	-665.38	7.13e-04	0.0	102.1	4.838e+04	-2817.89	218.61	1.642e+04	2.374e+04	7.085e+05
364	346	9.279e+05	1.795e+04	0.04	-612.50	0.0	5.406e+04	-1866.20	272.54	2.842e+04	-7938.42	9.279e+05

		7.774e+05	-7938.42	-5.69e-04	0.0	102.1	5.406e+04	-2478.70	272.54	2.842e+04	1.795e+04	7.774e+05
364	347	8.546e+05	2.392e+04	0.04	-612.50	0.0	4.858e+04	-2239.52	220.94	1.663e+04	-574.93	8.546e+05
		6.980e+05	-574.93	7.39e-04	0.0	102.1	4.858e+04	-2852.02	220.94	1.663e+04	2.392e+04	6.980e+05
364	348	9.201e+05	1.813e+04	0.04	-612.50	0.0	5.427e+04	-1900.34	274.86	2.863e+04	-7847.98	9.201e+05
		7.669e+05	-7847.98	-5.48e-04	0.0	102.1	5.427e+04	-2512.84	274.86	2.863e+04	1.813e+04	7.669e+05
364	378	9.008e+05	2.022e+04	0.04	-612.50	0.0	5.073e+04	-1973.98	253.47	2.484e+04	-5585.93	9.008e+05
		7.491e+05	-5585.93	-2.56e-04	0.0	102.1	5.073e+04	-2586.48	253.47	2.484e+04	2.022e+04	7.491e+05
364	379	8.816e+05	2.164e+04	0.04	-612.50	0.0	5.191e+04	-2131.75	240.01	2.021e+04	-2927.42	8.816e+05
		7.263e+05	-2927.42	2.92e-04	0.0	102.1	5.191e+04	-2744.25	240.01	2.021e+04	2.164e+04	7.263e+05
364	383	8.782e+05	2.182e+04	0.04	-612.50	0.0	5.183e+04	-2086.27	242.05	2.148e+04	-2910.14	8.782e+05
		7.252e+05	-2910.14	4.65e-04	0.0	102.1	5.183e+04	-2698.77	242.05	2.148e+04	2.182e+04	7.252e+05
364	386	9.042e+05	2.006e+04	0.04	-612.50	0.0	5.081e+04	-2019.03	251.53	2.357e+04	-5642.83	9.042e+05
		7.503e+05	-5642.83	-3.75e-04	0.0	102.1	5.081e+04	-2631.53	251.53	2.357e+04	2.006e+04	7.503e+05
364	387	8.782e+05	2.180e+04	0.04	-612.50	0.0	5.184e+04	-2086.70	241.95	2.148e+04	-2870.52	8.782e+05
		7.251e+05	-2870.52	4.64e-04	0.0	102.1	5.184e+04	-2699.20	241.95	2.148e+04	2.180e+04	7.251e+05
365	73	3.311e+06	-7182.55	-0.22	-745.88	0.0	1.373e+05	1.853e+04	-1526.19	-1.068e+05	-1.477e+05	3.311e+06
		2.255e+06	-1.477e+05	3.65e-03	0.0	92.1	1.373e+05	1.779e+04	-1526.19	-1.068e+05	1.477e+05	3.311e+06
365	124	7.604e+05	1235.28	-0.05	-552.50	0.0	4.039e+04	4022.92	-339.27	-7135.94	1235.28	5.454e+05
		5.454e+05	-3.001e+04	7.07e-04	0.0	92.1	4.039e+04	3470.42	-339.27	-7135.94	-3.001e+04	7.604e+05
365	140	7.501e+05	1288.45	-0.05	-552.50	0.0	4.081e+04	4033.98	-338.39	-6921.11	1288.45	5.041e+05
		5.341e+05	-2.987e+04	6.84e-04	0.0	92.1	4.081e+04	3481.48	-338.39	-6921.11	-2.987e+04	7.501e+05
365	181	1.066e+06	4257.77	-0.07	-745.87	0.0	5.737e+04	5594.65	-510.04	-1.145e+04	4257.77	7.661e+05
		7.661e+05	-5.333e+04	9.09e-04	-230.67	92.1	5.737e+04	4848.77	-740.71	-1.145e+04	-5.333e+04	1.066e+06
365	231	7.224e+05	3381.94	-0.05	-552.50	0.0	4.316e+04	4096.45	-396.98	-5981.58	3381.94	5.045e+05
		5.045e+05	-3.317e+04	5.53e-04	0.0	92.1	4.316e+04	3543.95	-396.98	-5981.58	-3.317e+04	7.224e+05
365	243	2.256e+06	-3280.83	-0.15	-552.50	0.0	9.150e+04	1.270e+04	-921.95	-4.669e+04	-3280.83	1.534e+06
		1.534e+06	-8.818e+04	2.23e-03	0.0	92.1	9.150e+04	1.215e+04	-921.95	-4.669e+04	-8.818e+04	2.256e+06
365	268	7.853e+05	2274.12	-0.05	-552.50	0.0	4.180e+04	4099.13	-398.19	-7441.59	2274.12	5.663e+05
		5.663e+05	-3.439e+04	7.11e-04	0.0	92.1	4.180e+04	3546.63	-398.19	-7441.59	-3.439e+04	7.853e+05
365	281	7.113e+05	2316.82	-0.05	-552.50	0.0	4.383e+04	4097.18	-410.43	-8238.06	2316.82	4.918e+05
		4.918e+05	-3.548e+04	7.32e-04	0.0	92.1	4.383e+04	3544.68	-410.43	-8238.06	-3.548e+04	7.113e+05
365	309	7.911e+05	2784.17	-0.05	-552.50	0.0	4.186e+04	4113.47	-390.70	-6433.99	2784.17	5.697e+05
		5.697e+05	-3.319e+04	5.66e-04	0.0	92.1	4.186e+04	3560.97	-390.70	-6433.99	-3.319e+04	7.911e+05
365	313	7.343e+05	2791.03	-0.05	-552.50	0.0	4.335e+04	4105.57	-401.53	-7226.89	2791.03	5.131e+05
		5.131e+05	-3.418e+04	5.95e-04	0.0	92.1	4.335e+04	3553.07	-401.53	-7226.89	-3.418e+04	7.343e+05
365	316	7.407e+05	3552.11	-0.05	-552.50	0.0	4.278e+04	4095.37	-393.92	-5827.86	3552.11	5.216e+05
		5.216e+05	-3.272e+04	4.86e-04	0.0	92.1	4.278e+04	3542.87	-393.92	-5827.86	-3.272e+04	7.407e+05
365	319	1.891e+06	-1444.97	-0.13	-552.50	0.0	7.904e+04	1.055e+04	-787.65	-3.636e+04	-1444.97	1.293e+06
		1.293e+06	-7.397e+04	1.74e-03	0.0	92.1	7.904e+04	9999.00	-787.65	-3.636e+04	-7.397e+04	1.891e+06
365	324	7.911e+05	2784.17	-0.05	-552.50	0.0	4.186e+04	4113.47	-390.70	-6433.99	2784.17	5.697e+05
		5.697e+05	-3.319e+04	5.66e-04	0.0	92.1	4.186e+04	3560.97	-390.70	-6433.99	-3.319e+04	7.911e+05
365	342	7.476e+05	1991.86	-0.05	-552.50	0.0	4.559e+04	4265.68	-439.54	-580.37	1991.86	5.346e+05
		5.346e+05	-3.782e+04	1.32e-03	0.0	92.1	4.559e+04	3713.18	-439.54	-580.37	-3.782e+04	7.476e+05
365	343	8.346e+05	3576.49	-0.05	-552.50	0.0	3.814e+04	3961.26	-341.85	-1.229e+04	3576.49	6.048e+05
		6.048e+05	-2.857e+04	-4.85e-04	0.0	92.1	3.814e+04	3408.76	-341.85	-1.229e+04	-2.857e+04	8.346e+05
365	349	7.980e+05	4107.27	-0.05	-552.50	0.0	4.091e+04	4014.51	-361.67	-1795.75	4107.27	5.426e+05
		5.826e+05	-3.012e+04	-2.20e-04	0.0	92.1	4.091e+04	3462.01	-361.67	-1795.75	-3.012e+04	7.980e+05
365	359	8.051e+05	2855.63	-0.05	-552.50	0.0	4.148e+04	4115.77	-383.71	-5687.04	2855.63	5.837e+05
		5.837e+05	-3.246e+04	4.43e-04	0.0	92.1	4.148e+04	3563.27	-383.71	-5687.04	-3.246e+04	8.051e+05
365	362	7.775e+05	2682.25	-0.05	-552.50	0.0	4.230e+04	4115.47	-398.75	-7419.56	2682.25	5.494e+05
		5.549e+05	-3.393e+04	6.61e-04	0.0	92.1	4.230e+04	3562.97	-398.75	-7419.56	-3.393e+04	7.775e+05
365	381	7.945e+05	3439.51	-0.05	-552.50	0.0	4.139e+04	4064.44	-376.28	-4127.68	3439.51	5.761e+05
		5.761e+05	-3.166e+04	3.42e-04	0.0	92.1	4.139e+04	3511.94	-376.28	-4127.68	-3.166e+04	7.945e+05
365	382	7.808e+05	2180.95	-0.05	-552.50	0.0	4.250e+04	4155.49	-407.17	-8901.95	2180.95	5.562e+05
		5.562e+05	-3.488e+04	8.25e-04	0.0	92.1	4.250e+04	3602.99	-407.17	-8901.95	-3.488e+04	7.808e+05
365	383	8.014e+05	3387.39	-0.05	-552.50	0.0	4.123e+04	4071.44	-374.22	-3966.02	3387.39	5.832e+05
		5.832e+05	-3.151e+04	3.31e-04	0.0	92.1	4.123e+04	3518.94	-374.22	-3966.02	-3.151e+04	8.014e+05
366	73	3.610e+06	1.521e+04	-0.24	-745.88	0.0	1.494e+05	1.995e+04	263.99	-1.081e+05	-9100.42	2.436e+06
		2.436e+06	-9100.42	1.71e-03	0.0	92.1	1.494e+05	1.920e+04	263.99	-1.081e+05	1.521e+04	3.610e+06
366	74	3.306e+06	1.191e+04	-0.22	-552.50	0.0	1.339e+05	1.833e+04	230.36	-1.111e+05	-9304.55	2.225e+06
		2.225e+06	-9304.55	1.65e-03	0.0	92.1	1.339e+05	1.777e+04	230.36	-1.111e+05	1.191e+04	3.306e+06
366	77	2.831e+06	1.757e+04	-0.19	-745.88	0.0	1.186e+05	1.565e+04	247.12	-6.619e+04	-5187.38	1.916e+06
		1.916e+06	-5187.38	1.27e-03	0.0	92.1	1.186e+05	1.491e+04	247.12	-6.619e+04	1.757e+04	2.831e+06
366	124	7.627e+05	7234.52	-0.05	-552.50	0.0	3.979e+04	3985.34	89.74	3376.84	-1028.92	5.417e+05
		5.417e+05	-1028.92	3.54e-04	0.0	92.1	3.979e+04	3432.84	89.74	3376.84	7234.52	7.627e+05
366	140	7.516e+05	7787.23	-0.05	-552.50	0.0	4.019e+04	3994.98	95.00	3773.33	-960.74	5.300e+05
		5.300e+05	-960.74	3.21e-04	0.0	92.1	4.019e+04	3442.48	95.00	3773.33	7787.23	7.516e+05
366	243	2.375e+06	1.815e+04	-0.16	-552.50	0.0	9.531e+04	1.329e+04	228.45	-5.292e+04	-2890.35	1.597e+06
		1.597e+06	-2890.35	1.06e-03	0.0	92.1	9.531e+04	1.274e+04	228.45	-5.292e+04	1.815e+04	2.375e+06
366	268	7.877e+05	8042.51	-0.05	-552.50	0.0	4.088e+04	4139.39	93.44	4777.81	-561.46	5.563e+05
		5.563e+05	-561.46	2.84e-04	0.0	92.1	4.088e+04	3586.89	93.44	4777.81	8042.51	7.877e+05
366	270	1.021e+06	1452.25	-0.06	-552.50	0.0	5.800e+04	5618.55	61.94	-2.243e+04	-4251.15	6.984e+05
		6.984e+05	-4251.15	4.46e-04	0.0	92.1	5.800e+04	5066.05	61.94	-2.243e+04	1452.25	1.021e+06
366	281	7.159e+05	8278.57	-0.05	-552.50	0.0	4.299e+04	4154.96	95.08	4809.80	-476.74	4.835e+05
		4.835e+05	-476.74	2.86e-04	0.0	92.1	4.299e+04	3602.46	95.08	4809.80	8278.57	7.159e+05
366	309	7.902e+05	9975.98	-0.05	-552.50	0.0	4.096e+04	4154.59	108.01	5906.01	30.31	5.576e+05
		5.576e+05	30.31	9.75e-05	0.0	92.1	4.096e+04	3602.09	108.01	5906.01	9975.98	7.902e+05

366	313	7.357e+05	9864.93	-0.05	-552.50	0.0	4.252e+04	4162.30	106.43	5710.68	64.27	5.026e+05
		5.026e+05	64.27	1.17e-04	0.0	92.1	4.252e+04	3609.80	106.43	5710.68	9864.93	7.357e+05
366	319	1.979e+06	1.683e+04	-0.13	-552.50	0.0	8.172e+04	1.101e+04	202.25	-3.791e+04	-1790.31	1.337e+06
		1.337e+06	-1790.31	7.24e-04	0.0	92.1	8.172e+04	1.046e+04	202.25	-3.791e+04	1.683e+04	1.979e+06
366	324	7.902e+05	9975.98	-0.05	-552.50	0.0	4.096e+04	4154.59	108.01	5906.01	30.31	5.576e+05
		5.576e+05	30.31	9.75e-05	0.0	92.1	4.096e+04	3602.09	108.01	5906.01	9975.98	7.902e+05
366	325	7.719e+05	1.088e+04	-0.05	-552.50	0.0	4.186e+04	4149.00	112.50	7729.21	550.94	5.322e+05
		5.322e+05	550.94	-2.11e-04	0.0	92.1	4.186e+04	3596.50	112.50	7729.21	1.088e+04	7.719e+05
366	327	8.157e+05	1.185e+04	-0.05	-552.50	0.0	4.074e+04	4178.58	127.68	7009.60	114.02	5.766e+05
		5.766e+05	114.02	-2.44e-04	0.0	92.1	4.074e+04	3626.08	127.68	7009.60	1.185e+04	8.157e+05
366	341	7.955e+05	1.447e+04	-0.05	-552.50	0.0	4.228e+04	4180.83	146.01	1.089e+04	1103.08	5.403e+05
		5.403e+05	1103.08	-7.90e-04	0.0	92.1	4.228e+04	3628.33	146.01	1.089e+04	1.447e+04	7.955e+05
366	343	8.087e+05	1.476e+04	-0.05	-552.50	0.0	4.194e+04	4189.70	150.56	1.068e+04	972.00	5.537e+05
		5.537e+05	972.00	-8.01e-04	0.0	92.1	4.194e+04	3637.20	150.56	1.068e+04	1.476e+04	8.087e+05
366	344	7.849e+05	5481.52	-0.05	-552.50	0.0	3.964e+04	4128.34	70.01	920.06	-1042.46	5.748e+05
		5.748e+05	-1042.46	9.85e-04	0.0	92.1	3.964e+04	3575.84	70.01	920.06	5481.52	7.849e+05
366	352	7.913e+05	5886.74	-0.05	-552.50	0.0	4.056e+04	4133.98	74.74	3073.36	-1110.66	5.594e+05
		5.594e+05	-1110.66	7.63e-04	0.0	92.1	4.056e+04	3581.48	74.74	3073.36	5886.74	7.913e+05
366	358	7.785e+05	9145.88	-0.05	-552.50	0.0	4.121e+04	4143.75	99.71	5762.75	-56.17	5.456e+05
		5.456e+05	-56.17	2.54e-04	0.0	92.1	4.121e+04	3591.25	99.71	5762.75	9145.88	7.785e+05
366	361	7.801e+05	1.037e+04	-0.05	-552.50	0.0	4.127e+04	4151.01	109.51	6490.86	299.63	5.472e+05
		5.472e+05	299.63	-1.02e-04	0.0	92.1	4.127e+04	3598.51	109.51	6490.86	1.037e+04	7.801e+05
366	363	8.020e+05	1.085e+04	-0.05	-552.50	0.0	4.071e+04	4165.60	117.09	6135.51	81.18	5.694e+05
		5.694e+05	81.18	-1.16e-04	0.0	92.1	4.071e+04	3613.10	117.09	6135.51	1.085e+04	8.020e+05
366	364	8.003e+05	9586.71	-0.05	-552.50	0.0	4.064e+04	4158.16	106.50	5321.15	-239.01	5.680e+05
		5.680e+05	-239.01	1.88e-04	0.0	92.1	4.064e+04	3605.66	106.50	5321.15	9586.71	8.003e+05
366	376	7.909e+05	8086.79	-0.05	-552.50	0.0	4.080e+04	4144.96	94.13	4782.95	-654.82	5.579e+05
		5.579e+05	-654.82	5.84e-04	0.0	92.1	4.080e+04	3592.46	94.13	4782.95	8086.79	7.909e+05
366	383	7.962e+05	1.215e+04	-0.05	-552.50	0.0	4.099e+04	4169.17	126.80	7209.97	531.19	5.633e+05
		5.633e+05	531.19	-2.86e-04	0.0	92.1	4.099e+04	3616.67	126.80	7209.97	1.215e+04	7.962e+05
367	73	3.888e+06	-1.387e+04	-0.27	-745.88	0.0	1.637e+05	2.148e+04	-1216.98	-1.077e+05	-1.387e+04	2.649e+06
		2.649e+06	-1.259e+05	2.13e-03	0.0	92.1	1.637e+05	2.074e+04	-1216.98	-1.077e+05	-1.259e+05	3.888e+06
367	162	7.642e+05	-456.20	-0.05	-552.50	0.0	3.979e+04	3991.39	-105.54	-4578.68	-456.20	5.432e+05
		5.422e+05	-1.017e+04	1.21e-04	0.0	92.1	3.979e+04	3438.89	-105.54	-4578.68	-1.017e+04	7.642e+05
367	178	7.532e+05	-546.26	-0.05	-552.50	0.0	4.018e+04	4000.76	-110.74	-5006.65	-546.26	5.306e+05
		5.306e+05	-1.074e+04	1.53e-04	0.0	92.1	4.018e+04	3448.26	-110.74	-5006.65	-1.074e+04	7.532e+05
367	206	7.664e+05	137.97	-0.05	-552.50	0.0	3.991e+04	4008.14	-111.63	-5071.80	137.97	5.436e+05
		5.436e+05	-1.014e+04	-7.36e-05	0.0	92.1	3.991e+04	3455.64	-111.63	-5071.80	-1.014e+04	7.664e+05
367	231	7.096e+05	292.55	-0.05	-552.50	0.0	4.341e+04	4177.62	-114.01	-4687.56	292.55	4.748e+05
		4.748e+05	-1.021e+04	-8.91e-05	0.0	92.1	4.341e+04	3625.12	-114.01	-4687.56	-1.021e+04	7.096e+05
367	243	2.504e+06	-7621.41	-0.17	-552.50	0.0	1.007e+05	1.433e+04	-694.19	-4.794e+04	-7621.41	1.674e+06
		1.674e+06	-7.154e+04	1.19e-03	0.0	92.1	1.007e+05	1.378e+04	-694.19	-4.794e+04	-7.154e+04	2.504e+06
367	287	7.887e+05	-424.24	-0.05	-552.50	0.0	4.088e+04	4143.41	-103.92	-5575.49	-424.24	5.566e+05
		5.566e+05	-9993.65	8.62e-05	0.0	92.1	4.088e+04	3590.91	-103.92	-5575.49	-9993.65	7.887e+05
367	310	7.907e+05	-523.16	-0.05	-552.50	0.0	4.096e+04	4156.59	-113.25	-6304.85	-523.16	5.577e+05
		5.577e+05	-1.095e+04	1.31e-04	0.0	92.1	4.096e+04	3604.09	-113.25	-6304.85	-1.095e+04	7.907e+05
367	316	7.294e+05	581.23	-0.05	-552.50	0.0	4.280e+04	4170.35	-108.56	-4691.78	581.23	4.954e+05
		4.954e+05	-9414.88	-1.86e-04	0.0	92.1	4.280e+04	3617.85	-108.56	-4691.78	-9414.88	7.294e+05
367	319	2.075e+06	-5354.24	-0.14	-552.50	0.0	8.575e+04	1.178e+04	-543.69	-3.713e+04	-5354.24	1.395e+06
		1.395e+06	-5.542e+04	8.30e-04	0.0	92.1	8.575e+04	1.123e+04	-543.69	-3.713e+04	-5.542e+04	2.075e+06
367	324	7.902e+05	-30.32	-0.05	-552.50	0.0	4.096e+04	4154.59	-108.01	-5906.02	-30.32	5.576e+05
		5.576e+05	-9975.99	-9.75e-05	0.0	92.1	4.096e+04	3602.09	-108.01	-5906.02	-9975.99	7.902e+05
367	334	7.721e+05	-605.26	-0.05	-552.50	0.0	4.183e+04	4150.29	-111.21	-7740.53	-605.26	5.318e+05
		5.318e+05	-1.081e+04	2.09e-04	0.0	92.1	4.183e+04	3597.79	-111.21	-7740.53	-1.081e+04	7.721e+05
367	336	8.159e+05	-168.34	-0.05	-552.50	0.0	4.071e+04	4179.88	-126.40	-7020.92	-168.34	5.762e+05
		5.762e+05	-1.178e+04	2.42e-04	0.0	92.1	4.071e+04	3627.38	-126.40	-7020.92	-1.178e+04	8.159e+05
367	346	7.963e+05	-1284.14	-0.05	-552.50	0.0	4.216e+04	4185.14	-141.72	-1.093e+04	-1284.14	5.390e+05
		5.390e+05	-1.422e+04	7.82e-04	0.0	92.1	4.216e+04	3632.64	-141.72	-1.093e+04	-1.422e+04	7.963e+05
367	347	7.841e+05	1223.51	-0.05	-552.50	0.0	3.975e+04	4124.03	-74.30	-882.40	1223.51	5.761e+05
		5.761e+05	-5729.20	-9.77e-04	0.0	92.1	3.975e+04	3571.53	-74.30	-882.40	-5729.20	7.841e+05
367	348	8.095e+05	-1153.06	-0.05	-552.50	0.0	4.183e+04	4194.02	-146.27	-1.071e+04	-1153.06	5.524e+05
		5.524e+05	-1.451e+04	7.94e-04	0.0	92.1	4.183e+04	3641.52	-146.27	-1.071e+04	-1.451e+04	8.095e+05
367	365	7.785e+05	56.16	-0.05	-552.50	0.0	4.121e+04	4143.75	-99.71	-5762.76	56.16	5.456e+05
		5.456e+05	-9145.89	-2.54e-04	0.0	92.1	4.121e+04	3591.25	-99.71	-5762.76	-9145.89	7.785e+05
367	370	7.801e+05	-299.64	-0.05	-552.50	0.0	4.127e+04	4151.01	-109.51	-6490.87	-299.64	5.472e+05
		5.472e+05	-1.037e+04	1.02e-04	0.0	92.1	4.127e+04	3598.51	-109.51	-6490.87	-1.037e+04	7.801e+05
367	371	8.003e+05	239.01	-0.05	-552.50	0.0	4.064e+04	4158.16	-106.50	-5321.17	239.01	5.680e+05
		5.680e+05	-9586.71	-1.88e-04	0.0	92.1	4.064e+04	3605.66	-106.50	-5321.17	-9586.71	8.003e+05
367	372	8.020e+05	-81.18	-0.05	-552.50	0.0	4.071e+04	4165.60	-117.09	-6135.53	-81.18	5.694e+05
		5.694e+05	-1.085e+04	1.16e-04	0.0	92.1	4.071e+04	3613.10	-117.09	-6135.53	-1.085e+04	8.020e+05
367	379	7.909e+05	654.81	-0.05	-552.50	0.0	4.080e+04	4144.96	-94.13	-4782.96	654.81	5.579e+05
		5.579e+05	-8086.80	-5.84e-04	0.0	92.1	4.080e+04	3592.46	-94.13	-4782.96	-8086.80	7.909e+05
367	388	7.962e+05	-531.19	-0.05	-552.50	0.0	4.099e+04	4169.17	-126.80	-7209.99	-531.19	5.633e+05
		5.633e+05	-1.215e+04	2.86e-04	0.0	92.1	4.099e+04	3616.67	-126.80	-7209.99	-1.215e+04	7.962e+05
368	73	4.301e+06	5.825e+04	-0.29	-745.88	0.0	1.805e+05	2.454e+04	719.64	-1.142e+05	-8017.54	2.887e+06
		2.887e+06	-8017.54	-5.19e-04	0.0	92.1	1.805e+05	2.380e+04	719.64	-1.142e+05	5.825e+04	4.301e+06
368	149	1.636e+06	4.322e+04	-0.11	-745.88	0.0	9.318e+04	8793.70	487.66	-2.585e+04	-8061.05	1.144e+06

		1.144e+06	-8061.05	-3.65e-04	138.40	92.1	9.318e+04	8047.83	626.06	-2.585e+04	4.322e+04	1.636e+06
368	162	7.651e+05	2.817e+04	-0.05	-552.50	0.0	4.018e+04	4001.46	333.22	6058.37	-2518.21	5.484e+05
		5.484e+05	-2518.21	-4.13e-04	0.0	92.1	4.018e+04	3448.96	333.22	6058.37	2.817e+04	7.651e+05
368	178	7.551e+05	2.799e+04	-0.05	-552.50	0.0	4.058e+04	4012.19	332.08	5802.48	-2592.60	5.375e+05
		5.375e+05	-2592.60	-3.85e-04	0.0	92.1	4.058e+04	3459.69	332.08	5802.48	2.799e+04	7.551e+05
368	231	7.001e+05	3.579e+04	-0.05	-552.50	0.0	4.462e+04	4104.37	414.50	8961.71	-2378.13	4.764e+05
		4.764e+05	-2378.13	-6.10e-04	0.0	92.1	4.462e+04	3551.87	414.50	8961.71	3.579e+04	7.001e+05
368	243	2.696e+06	4.771e+04	-0.18	-552.50	0.0	1.085e+05	1.577e+04	559.18	-5.769e+04	-3781.39	1.791e+06
		1.791e+06	-3781.39	-5.65e-04	0.0	92.1	1.085e+05	1.522e+04	559.18	-5.769e+04	4.771e+04	2.696e+06
368	270	1.217e+06	3.121e+04	-0.08	-552.50	0.0	6.866e+04	6507.18	355.09	-1.937e+04	-5739.98	8.527e+05
		8.527e+05	-5739.98	-2.97e-04	92.27	92.1	6.866e+04	5954.68	447.35	-1.937e+04	3.121e+04	1.217e+06
368	287	7.885e+05	3.317e+04	-0.05	-552.50	0.0	4.166e+04	4084.88	394.17	6726.40	-3125.62	5.683e+05
		5.683e+05	-3125.62	-5.17e-04	0.0	92.1	4.166e+04	3532.38	394.17	6726.40	3.317e+04	7.885e+05
368	310	7.927e+05	3.258e+04	-0.05	-552.50	0.0	4.180e+04	4106.34	388.69	6076.39	-3209.92	5.707e+05
		5.707e+05	-3209.92	-4.73e-04	0.0	92.1	4.180e+04	3553.84	388.69	6076.39	3.258e+04	7.927e+05
368	311	9.368e+05	3.192e+04	-0.06	-552.50	0.0	5.314e+04	5066.23	386.49	-3815.51	-3667.95	6.588e+05
		6.588e+05	-3667.95	-5.04e-04	0.0	92.1	5.314e+04	4513.73	386.49	-3815.51	3.192e+04	9.368e+05
368	316	7.217e+05	3.560e+04	-0.05	-552.50	0.0	4.399e+04	4111.99	410.08	8599.36	-2160.62	4.989e+05
		4.989e+05	-2160.62	-6.72e-04	0.0	92.1	4.399e+04	3559.49	410.08	8599.36	3.560e+04	7.217e+05
368	319	2.218e+06	4.454e+04	-0.15	-552.50	0.0	9.188e+04	1.286e+04	518.59	-4.139e+04	-3213.07	1.585e+06
		1.485e+06	-3213.07	-6.30e-04	0.0	92.1	9.188e+04	1.231e+04	518.59	-4.139e+04	4.454e+04	2.218e+06
368	324	7.911e+05	3.319e+04	-0.05	-552.50	0.0	4.186e+04	4113.47	390.70	6433.98	-2784.17	5.697e+05
		5.697e+05	-2784.17	-5.66e-04	0.0	92.1	4.186e+04	3560.97	390.70	6433.98	3.319e+04	7.911e+05
368	345	7.466e+05	3.720e+04	-0.05	-552.50	0.0	4.541e+04	4257.68	429.62	610.80	-1932.74	5.340e+05
		5.340e+05	-1932.74	-1.30e-03	0.0	92.1	4.541e+04	3705.18	429.62	610.80	3.720e+04	7.466e+05
368	348	8.356e+05	2.918e+04	-0.05	-552.50	0.0	3.832e+04	3969.25	351.77	1.226e+04	-3635.61	6.054e+05
		6.054e+05	-3635.61	4.73e-04	0.0	92.1	3.832e+04	3416.75	351.77	1.226e+04	2.918e+04	8.356e+05
368	354	7.980e+05	3.012e+04	-0.05	-552.50	0.0	4.091e+04	4014.51	361.67	1795.79	-4107.27	5.826e+05
		5.826e+05	-4107.27	2.20e-04	0.0	92.1	4.091e+04	3462.01	361.67	1795.79	3.012e+04	7.980e+05
368	368	8.051e+05	3.246e+04	-0.05	-552.50	0.0	4.148e+04	4115.77	383.71	5687.03	-2855.63	5.837e+05
		5.837e+05	-2855.63	-4.43e-04	0.0	92.1	4.148e+04	3563.27	383.71	5687.03	3.246e+04	8.051e+05
368	369	7.775e+05	3.393e+04	-0.05	-552.50	0.0	4.230e+04	4115.46	398.75	7419.55	-2682.24	5.549e+05
		5.549e+05	-2682.24	-6.61e-04	0.0	92.1	4.230e+04	3562.96	398.75	7419.55	3.393e+04	7.775e+05
368	385	7.808e+05	3.488e+04	-0.05	-552.50	0.0	4.250e+04	4155.49	407.17	8901.93	-2180.95	5.562e+05
		5.562e+05	-2180.95	-8.25e-04	0.0	92.1	4.250e+04	3602.99	407.17	8901.93	3.488e+04	7.808e+05
368	386	7.945e+05	3.166e+04	-0.05	-552.50	0.0	4.139e+04	4064.44	376.28	4127.70	-3439.51	5.761e+05
		5.761e+05	-3439.51	-3.42e-04	0.0	92.1	4.139e+04	3511.94	376.28	4127.70	3.166e+04	7.945e+05
368	388	8.014e+05	3.151e+04	-0.05	-552.50	0.0	4.123e+04	4071.44	374.22	3966.04	-3387.39	5.832e+05
		5.832e+05	-3387.39	-3.31e-04	0.0	92.1	4.123e+04	3518.94	374.22	3966.04	3.151e+04	8.014e+05
369	97	4.961e+06	1.730e+04	0.16	-826.88	0.0	2.454e+05	-4422.01	463.01	9.985e+04	-2.997e+04	4.961e+06
		4.663e+06	-2.997e+04	2.17e-04	0.0	102.1	2.454e+05	-5248.89	463.01	9.985e+04	1.730e+04	4.663e+06
369	143	1.203e+06	3.565e+04	0.05	-826.88	0.0	7.003e+04	-2804.39	298.22	3.635e+04	-7841.59	1.203e+06
		9.919e+05	-7841.59	-3.60e-04	255.72	102.1	7.003e+04	-3631.27	553.94	3.635e+04	3.565e+04	9.919e+05
369	160	8.548e+05	1.532e+04	0.03	-612.50	0.0	4.942e+04	-1924.36	193.43	1.885e+04	-4429.94	8.548e+05
		7.096e+05	-4429.94	-1.62e-04	0.0	102.1	4.942e+04	-2536.86	193.43	1.885e+04	1.532e+04	7.096e+05
369	184	8.421e+05	1.572e+04	0.03	-612.50	0.0	4.979e+04	-1926.32	194.56	1.871e+04	-4145.19	8.421e+05
		6.970e+05	-4145.19	-1.44e-04	0.0	102.1	4.979e+04	-2538.82	194.56	1.871e+04	1.572e+04	6.970e+05
369	255	3.137e+06	1.926e+04	0.10	-612.50	0.0	1.509e+05	-1967.92	370.21	5.683e+04	-1.853e+04	3.137e+06
		2.998e+06	-1.853e+04	7.49e-05	0.0	102.1	1.509e+05	-2580.42	370.21	5.683e+04	1.926e+04	2.998e+06
369	259	7.984e+05	2.321e+04	0.03	-612.50	0.0	5.400e+04	-2043.98	269.33	2.236e+04	-4288.90	7.984e+05
		6.431e+05	-4288.90	-2.49e-04	0.0	102.1	5.400e+04	-2656.48	269.33	2.236e+04	2.321e+04	6.431e+05
369	283	8.439e+05	2.589e+04	0.03	-612.50	0.0	5.276e+04	-2063.22	223.07	2.588e+04	-5582.86	8.439e+05
		6.889e+05	-5582.86	-2.68e-04	170.48	102.1	5.276e+04	-2675.72	393.55	2.588e+04	2.589e+04	6.889e+05
369	286	8.864e+05	2.061e+04	0.04	-612.50	0.0	5.117e+04	-2048.80	250.36	2.258e+04	-4950.70	8.864e+05
		7.325e+05	-4950.70	-2.11e-04	0.0	102.1	5.117e+04	-2661.30	250.36	2.258e+04	2.061e+04	7.325e+05
369	310	8.940e+05	2.040e+04	0.04	-612.50	0.0	5.115e+04	-2049.27	247.31	2.269e+04	-4843.02	8.940e+05
		7.402e+05	-4843.02	-1.99e-04	0.0	102.1	5.115e+04	-2661.77	247.31	2.269e+04	2.040e+04	7.402e+05
369	322	2.578e+06	2.002e+04	0.08	-612.50	0.0	1.260e+05	-1991.75	338.35	4.816e+04	-1.452e+04	2.578e+06
		2.436e+06	-1.452e+04	1.53e-04	0.0	102.1	1.260e+05	-2604.25	338.35	4.816e+04	2.002e+04	2.436e+06
369	323	8.240e+05	2.298e+04	0.03	-612.50	0.0	5.334e+04	-2048.80	262.69	2.230e+04	-3839.37	8.240e+05
		6.694e+05	-3839.37	-1.91e-04	0.0	102.1	5.334e+04	-2661.30	262.69	2.230e+04	2.298e+04	6.694e+05
369	324	8.912e+05	2.093e+04	0.04	-612.50	0.0	5.132e+04	-2052.86	246.74	2.253e+04	-4256.68	8.912e+05
		7.377e+05	-4256.68	-1.56e-04	0.0	102.1	5.132e+04	-2665.36	246.74	2.253e+04	2.093e+04	7.377e+05
369	326	1.060e+06	1.635e+04	0.04	-612.50	0.0	4.045e+04	-1625.87	217.29	3.007e+04	-4371.63	1.060e+06
		8.786e+05	-4371.63	-8.20e-04	0.0	102.1	4.045e+04	-2238.37	217.29	3.007e+04	1.635e+04	8.786e+05
369	334	1.060e+06	1.635e+04	0.04	-612.50	0.0	4.034e+04	-1621.17	217.96	3.010e+04	-4439.91	1.060e+06
		8.787e+05	-4439.91	-8.00e-04	0.0	102.1	4.034e+04	-2233.67	217.96	3.010e+04	1.635e+04	8.787e+05
369	335	7.221e+05	2.551e+04	0.03	-612.50	0.0	6.231e+04	-2484.56	275.52	1.496e+04	-4073.45	7.221e+05
		5.967e+05	-4073.45	9.87e-04	0.0	102.1	6.231e+04	-3097.06	275.52	1.496e+04	2.551e+04	5.967e+05
369	344	9.055e+05	1.740e+04	0.04	-612.50	0.0	4.590e+04	-1786.32	310.80	3.278e+04	-9516.15	9.055e+05
		7.473e+05	-9516.15	-2.95e-03	0.0	102.1	4.590e+04	-2398.82	310.80	3.278e+04	1.740e+04	7.473e+05
369	347	7.862e+05	2.640e+04	0.03	-612.50	0.0	6.186e+04	-2511.84	209.26	9809.59	218.01	7.862e+05
		6.521e+05	218.01	3.13e-03	0.0	102.1	6.186e+04	-3124.34	209.26	9809.59	2.640e+04	6.521e+05
369	358	9.722e+05	1.875e+04	0.04	-612.50	0.0	4.653e+04	-1878.76	225.34	2.492e+04	-4233.02	9.722e+05
		8.067e+05	-4233.02	-2.25e-04	0.0	102.1	4.653e+04	-2491.26	225.34	2.492e+04	1.875e+04	8.067e+05
369	366	9.722e+05	1.875e+04	0.04	-612.50	0.0	4.647e+04	-1876.45	225.67	2.494e+04	-4266.73	9.722e+05
		8.067e+05	-4266.73	-2.18e-04	0.0	102.1	4.647e+04	-2488.95	225.67	2.494e+04	1.875e+04	8.067e+05

369	367	8.102e+05	2.311e+04	0.03	-612.50	0.0	5.617e+04	-2229.28	267.81	2.012e+04	-4246.63	8.102e+05
		6.686e+05	-4246.63	2.42e-04	0.0	102.1	5.617e+04	-2841.78	267.81	2.012e+04	2.311e+04	6.686e+05
369	376	8.785e+05	1.960e+04	0.04	-612.50	0.0	5.097e+04	-2059.32	257.55	2.293e+04	-6652.72	8.785e+05
		7.308e+05	-6652.72	-4.88e-04	0.0	102.1	5.097e+04	-2671.82	257.55	2.293e+04	1.960e+04	7.308e+05
369	379	8.573e+05	2.325e+04	0.04	-612.50	0.0	5.428e+04	-2144.00	249.39	2.087e+04	-2259.22	8.573e+05
		7.054e+05	-2259.22	6.20e-04	0.0	102.1	5.428e+04	-2756.50	249.39	2.087e+04	2.325e+04	7.054e+05
370	97	4.579e+06	7639.71	0.15	-826.88	0.0	2.246e+05	-4689.70	-861.74	-1.016e+04	7639.71	4.579e+06
		4.241e+06	-8.033e+04	8.67e-04	0.0	102.1	2.246e+05	-5516.57	-861.74	-1.016e+04	-8.033e+04	4.241e+06
370	184	8.291e+05	268.15	0.03	-612.50	0.0	4.928e+04	-1657.50	-45.02	-4892.55	268.15	8.291e+05
		7.024e+05	-4328.01	-4.15e-05	0.0	102.1	4.928e+04	-2270.00	-45.02	-4892.55	-4328.01	7.024e+05
370	206	8.493e+05	1073.26	0.03	-612.50	0.0	4.882e+04	-1657.96	-52.73	-4877.18	1073.26	8.493e+05
		7.228e+05	-4309.64	9.95e-05	0.0	102.1	4.882e+04	-2270.46	-52.73	-4877.18	-4309.64	7.228e+05
370	255	2.948e+06	8381.58	0.09	-612.50	0.0	1.413e+05	-2134.37	-632.15	-1.820e+04	8381.58	2.948e+06
		2.790e+06	-5.615e+04	6.66e-04	0.0	102.1	1.413e+05	-2746.87	-632.15	-1.820e+04	-5.615e+04	2.790e+06
370	259	7.864e+05	955.71	0.03	-612.50	0.0	5.272e+04	-1673.74	-33.41	-4548.15	955.71	7.864e+05
		6.596e+05	-2454.63	1.30e-05	0.0	102.1	5.272e+04	-2286.24	-33.41	-4548.15	-2454.63	6.596e+05
370	287	8.650e+05	422.79	0.04	-612.50	0.0	5.018e+04	-1676.36	-39.34	-4555.81	422.79	8.650e+05
		7.383e+05	-3593.63	3.57e-05	0.0	102.1	5.018e+04	-2288.86	-39.34	-4555.81	-3593.63	7.383e+05
370	310	8.728e+05	278.49	0.04	-612.50	0.0	5.010e+04	-1677.27	-42.02	-4292.46	278.49	8.728e+05
		7.460e+05	-4011.35	-3.32e-05	0.0	102.1	5.010e+04	-2289.77	-42.02	-4292.46	-4011.35	7.460e+05
370	322	2.433e+06	6976.35	0.08	-612.50	0.0	1.184e+05	-2019.62	-488.05	-1.488e+04	6976.35	2.433e+06
		2.282e+06	-4.285e+04	5.57e-04	0.0	102.1	1.184e+05	-2632.12	-488.05	-1.488e+04	-4.285e+04	2.282e+06
370	323	8.115e+05	1406.95	0.03	-612.50	0.0	5.196e+04	-1674.15	-38.99	-4639.93	1406.95	8.115e+05
		6.849e+05	-2573.69	8.26e-05	0.0	102.1	5.196e+04	-2286.65	-38.99	-4639.93	-2573.69	6.849e+05
370	324	8.719e+05	899.10	0.04	-612.50	0.0	5.012e+04	-1676.58	-45.39	-4455.78	899.10	8.719e+05
		7.453e+05	-3734.36	8.06e-05	0.0	102.1	5.012e+04	-2289.08	-45.39	-4455.78	-3734.36	7.453e+05
370	326	1.023e+06	-484.77	0.04	-612.50	0.0	4.100e+04	-1926.80	-38.86	-69.83	-484.77	1.023e+06
		8.794e+05	-4263.45	-8.50e-04	0.0	102.1	4.100e+04	-2539.30	-38.86	-69.83	-4263.45	8.794e+05
370	334	1.023e+06	-1216.05	0.04	-612.50	0.0	4.096e+04	-1925.80	-4.84	-88.39	-1216.05	1.023e+06
		8.794e+05	-1486.62	-8.35e-04	0.0	102.1	4.096e+04	-2538.30	-4.84	-88.39	-1486.62	8.794e+05
370	335	7.210e+05	3014.26	0.03	-612.50	0.0	5.928e+04	-1427.36	-85.94	-8823.17	3014.26	7.210e+05
		6.113e+05	-5982.10	9.63e-04	0.0	102.1	5.928e+04	-2039.86	-85.94	-8823.17	-5982.10	6.113e+05
370	347	8.092e+05	6728.25	0.03	-612.50	0.0	5.488e+04	-1497.43	-125.71	-1.512e+04	6728.25	8.092e+05
		6.862e+05	-6797.13	3.14e-03	0.0	102.1	5.488e+04	-2109.93	-125.71	-1.512e+04	-6797.13	6.862e+05
370	358	9.475e+05	397.11	0.04	-612.50	0.0	4.572e+04	-1789.12	-49.87	-3514.90	397.11	9.475e+05
		8.120e+05	-4719.62	-9.19e-05	0.0	102.1	4.572e+04	-2401.62	-49.87	-3514.90	-4719.62	8.120e+05
370	366	9.475e+05	25.57	0.04	-612.50	0.0	4.570e+04	-1788.63	-32.54	-3524.16	25.57	9.475e+05
		8.121e+05	-3305.67	-8.41e-05	0.0	102.1	4.570e+04	-2401.13	-32.54	-3524.16	-3305.67	8.121e+05
370	367	7.962e+05	1772.64	0.03	-612.50	0.0	5.454e+04	-1564.53	-58.24	-5387.40	1772.64	7.962e+05
		6.786e+05	-4163.05	2.13e-04	0.0	102.1	5.454e+04	-2177.03	-58.24	-5387.40	-4163.05	6.786e+05
370	371	7.963e+05	1461.65	0.03	-612.50	0.0	5.450e+04	-1562.10	-58.45	-5604.77	1461.65	7.963e+05
		6.784e+05	-4255.23	1.41e-04	0.0	102.1	5.450e+04	-2174.60	-58.45	-5604.77	-4255.23	6.784e+05
370	379	8.460e+05	3192.10	0.03	-612.50	0.0	5.181e+04	-1633.91	-60.35	-5585.32	3192.10	8.460e+05
		7.225e+05	-2912.58	5.97e-04	0.0	102.1	5.181e+04	-2246.41	-60.35	-5585.32	-2912.58	7.225e+05
370	380	8.529e+05	-1271.50	0.03	-612.50	0.0	5.101e+04	-1653.81	-35.94	-3717.07	-1271.50	8.529e+05
		7.287e+05	-5001.33	-4.77e-04	0.0	102.1	5.101e+04	-2266.31	-35.94	-3717.07	-5001.33	7.287e+05
371	97	4.129e+06	7.020e+04	0.13	-826.88	0.0	2.033e+05	-3236.48	1069.26	8.476e+04	-3.895e+04	4.129e+06
		3.905e+06	-3.895e+04	-1.84e-03	0.0	102.1	2.033e+05	-4063.35	1069.26	8.476e+04	7.020e+04	3.905e+06
371	146	8.264e+05	3494.28	0.03	-612.50	0.0	4.935e+04	-1655.42	55.18	5385.83	-2138.53	8.264e+05
		7.002e+05	-2138.53	-2.52e-04	0.0	102.1	4.935e+04	-2267.92	55.18	5385.83	3494.28	7.002e+05
371	206	8.493e+05	4309.64	0.03	-612.50	0.0	4.882e+04	-1657.96	52.73	4877.19	-1073.26	8.493e+05
		7.228e+05	-1073.26	-9.95e-05	0.0	102.1	4.882e+04	-2270.46	52.73	4877.19	4309.64	7.228e+05
371	243	7.893e+05	2598.74	0.03	-612.50	0.0	5.238e+04	-1671.47	36.71	3386.38	-1148.84	7.893e+05
		6.629e+05	-1148.84	1.57e-05	0.0	102.1	5.238e+04	-2283.97	36.71	3386.38	2598.74	6.629e+05
371	255	2.734e+06	4.483e+04	0.09	-612.50	0.0	1.318e+05	-1734.13	674.25	4.324e+04	-2.400e+04	2.734e+06
		2.610e+06	-2.400e+04	-1.05e-03	0.0	102.1	1.318e+05	-2346.63	674.25	4.324e+04	4.483e+04	2.610e+06
371	268	8.632e+05	3039.66	0.04	-612.50	0.0	5.022e+04	-1674.98	46.08	4882.47	-1664.02	8.632e+05
		7.368e+05	-1664.02	-1.88e-04	0.0	102.1	5.022e+04	-2287.48	46.08	4882.47	3039.66	7.368e+05
371	309	8.719e+05	3734.36	0.04	-612.50	0.0	5.012e+04	-1676.58	45.39	4455.79	-899.11	8.719e+05
		7.453e+05	-899.11	-8.06e-05	0.0	102.1	5.012e+04	-2289.08	45.39	4455.79	3734.36	7.453e+05
371	319	8.151e+05	3097.25	0.03	-612.50	0.0	5.167e+04	-1673.49	36.42	3523.62	-620.87	8.151e+05
		6.884e+05	-620.87	6.83e-05	0.0	102.1	5.167e+04	-2285.99	36.42	3523.62	3097.25	6.884e+05
371	322	2.273e+06	3.477e+04	0.07	-612.50	0.0	1.112e+05	-1720.48	514.57	3.341e+04	-1.776e+04	2.273e+06
		2.149e+06	-1.776e+04	-7.49e-04	0.0	102.1	1.112e+05	-2332.98	514.57	3.341e+04	3.477e+04	2.149e+06
371	324	8.719e+05	3734.36	0.04	-612.50	0.0	5.012e+04	-1676.58	45.39	4455.79	-899.11	8.719e+05
		7.453e+05	-899.11	-8.06e-05	0.0	102.1	5.012e+04	-2289.08	45.39	4455.79	3734.36	7.453e+05
371	325	1.028e+06	1377.99	0.04	-612.50	0.0	4.073e+04	-1929.79	0.90	220.63	1377.99	1.028e+06
		8.828e+05	1361.77	8.31e-04	0.0	102.1	4.073e+04	-2542.29	0.90	220.63	1361.77	8.828e+05
371	328	7.161e+05	6106.95	0.03	-612.50	0.0	5.950e+04	-1423.36	89.88	8690.94	-3176.20	7.161e+05
		6.079e+05	-3176.20	-9.59e-04	0.0	102.1	5.950e+04	-2035.86	89.88	8690.94	6106.95	6.079e+05
371	333	1.028e+06	4138.60	0.04	-612.50	0.0	4.078e+04	-1930.80	34.92	202.07	4138.60	1.028e+06
		8.827e+05	646.71	8.47e-04	0.0	102.1	4.078e+04	-2543.30	34.92	202.07	4138.60	8.827e+05
371	344	7.927e+05	7213.30	0.03	-612.50	0.0	5.561e+04	-1484.10	138.85	1.468e+04	-7268.07	7.927e+05
		6.750e+05	-7268.07	-3.13e-03	0.0	102.1	5.561e+04	-2096.60	138.85	1.468e+04	7213.30	6.750e+05
371	357	9.475e+05	3305.67	0.04	-612.50	0.0	4.570e+04	-1788.63	32.54	3524.17	-25.57	9.475e+05
		8.121e+05	-25.57	8.41e-05	0.0	102.1	4.570e+04	-2401.13	32.54	3524.17	3305.67	8.121e+05
371	360	7.962e+05	4163.05	0.03	-612.50	0.0	5.454e+04	-1564.53	58.24	5387.40	-1772.64	7.962e+05

		6.786e+05	-1772.64	-2.13e-04	0.0	102.1	5.454e+04	-2177.03	58.24	5387.40	4163.05	6.786e+05
371	364	7.963e+05	4255.23	0.03	-612.50	0.0	5.450e+04	-1562.10	58.45	5604.78	-1461.65	7.963e+05
		6.784e+05	-1461.65	-1.41e-04	0.0	102.1	5.450e+04	-2174.60	58.45	5604.78	4255.23	6.784e+05
371	365	9.475e+05	4719.62	0.04	-612.50	0.0	4.572e+04	-1789.12	49.87	3514.90	-397.11	9.475e+05
		8.120e+05	-397.11	9.19e-05	0.0	102.1	4.572e+04	-2401.62	49.87	3514.90	4719.62	8.120e+05
371	375	8.529e+05	5001.33	0.03	-612.50	0.0	5.101e+04	-1653.81	35.94	3717.08	1271.50	8.529e+05
		7.287e+05	1271.50	4.77e-04	0.0	102.1	5.101e+04	-2266.31	35.94	3717.08	5001.33	7.287e+05
371	376	8.460e+05	2912.59	0.03	-612.50	0.0	5.181e+04	-1633.91	60.35	5585.32	-3192.11	8.460e+05
		7.225e+05	-3192.11	-5.97e-04	0.0	102.1	5.181e+04	-2246.41	60.35	5585.32	2912.59	7.225e+05
372	97	3.770e+06	1279.26	0.12	-826.88	0.0	1.851e+05	-3785.58	-879.02	-3.684e+04	1279.26	3.770e+06
		3.510e+06	-8.845e+04	-1.28e-03	0.0	102.1	1.851e+05	-4612.45	-879.02	-3.684e+04	-8.845e+04	3.510e+06
372	146	8.335e+05	2378.08	0.03	-612.50	0.0	5.030e+04	-1937.17	-192.85	-1.821e+04	2378.08	8.335e+05
		6.893e+05	-1.731e+04	-2.94e-04	0.0	102.1	5.030e+04	-2549.67	-192.85	-1.821e+04	-1.731e+04	6.893e+05
372	181	1.194e+06	6074.48	0.05	-826.88	0.0	7.054e+04	-2815.24	-296.51	-3.584e+04	6074.48	1.194e+06
		9.842e+05	-3.725e+04	2.19e-04	-255.72	102.1	7.054e+04	-3642.12	-552.23	-3.584e+04	-3.725e+04	9.842e+05
372	206	8.621e+05	3388.89	0.04	-612.50	0.0	4.965e+04	-1930.45	-188.00	-1.877e+04	3388.89	8.621e+05
		7.175e+05	-1.580e+04	-1.34e-04	0.0	102.1	4.965e+04	-2542.95	-188.00	-1.877e+04	-1.580e+04	7.175e+05
372	243	8.078e+05	4065.41	0.03	-612.50	0.0	5.316e+04	-2038.40	-257.41	-2.320e+04	4065.41	8.078e+05
		6.539e+05	-2.221e+04	2.36e-04	0.0	102.1	5.316e+04	-2650.90	-257.41	-2.320e+04	-2.221e+04	6.539e+05
372	255	2.573e+06	3443.72	0.08	-612.50	0.0	1.244e+05	-2249.85	-571.57	-3.511e+04	3443.72	8.335e+06
		2.415e+06	-5.490e+04	-6.94e-04	0.0	102.1	1.244e+05	-2862.35	-571.57	-3.511e+04	-5.490e+04	2.415e+06
372	268	8.781e+05	3522.52	0.04	-612.50	0.0	5.151e+04	-2057.59	-250.45	-2.211e+04	3522.52	8.781e+05
		7.248e+05	-2.204e+04	-2.15e-04	0.0	102.1	5.151e+04	-2670.09	-250.45	-2.211e+04	-2.204e+04	7.248e+05
372	302	8.382e+05	4406.57	0.03	-612.50	0.0	5.311e+04	-2070.63	-221.92	-2.553e+04	4406.57	8.382e+05
		6.838e+05	-2.695e+04	1.73e-04	-170.48	102.1	5.311e+04	-2683.13	-392.40	-2.553e+04	-2.695e+04	6.838e+05
372	309	8.912e+05	4256.68	0.04	-612.50	0.0	5.132e+04	-2052.86	-246.74	-2.253e+04	4256.68	8.912e+05
		7.377e+05	-2.093e+04	1.56e-04	0.0	102.1	5.132e+04	-2665.36	-246.74	-2.253e+04	-2.093e+04	7.377e+05
372	319	8.353e+05	4551.27	0.03	-612.50	0.0	5.246e+04	-2039.23	-254.61	-2.318e+04	4551.27	8.353e+05
		6.813e+05	-2.144e+04	2.48e-04	0.0	102.1	5.246e+04	-2651.73	-254.61	-2.318e+04	-2.144e+04	6.813e+05
372	322	2.159e+06	4084.99	0.07	-612.50	0.0	1.059e+05	-2197.81	-490.23	-3.211e+04	4084.99	2.159e+06
		2.002e+06	-4.596e+04	-4.75e-04	0.0	102.1	1.059e+05	-2810.31	-490.23	-3.211e+04	-4.596e+04	2.002e+06
372	323	8.395e+05	4720.16	0.03	-612.50	0.0	5.230e+04	-2056.36	-245.56	-2.211e+04	4720.16	8.395e+05
		6.870e+05	-2.035e+04	1.74e-04	0.0	102.1	5.230e+04	-2668.86	-245.56	-2.211e+04	-2.035e+04	6.870e+05
372	324	8.912e+05	4256.68	0.04	-612.50	0.0	5.132e+04	-2052.86	-246.74	-2.253e+04	4256.68	8.912e+05
		7.377e+05	-2.093e+04	1.56e-04	0.0	102.1	5.132e+04	-2665.36	-246.74	-2.253e+04	-2.093e+04	7.377e+05
372	328	7.153e+05	3853.45	0.03	-612.50	0.0	6.259e+04	-2469.46	-274.33	-1.509e+04	3853.45	7.153e+05
		5.929e+05	-2.530e+04	-9.74e-04	0.0	102.1	6.259e+04	-3081.96	-274.33	-1.509e+04	-2.530e+04	5.929e+05
372	333	1.067e+06	4591.63	0.04	-612.50	0.0	4.017e+04	-1640.97	-218.48	-2.994e+04	4591.63	1.067e+06
		8.823e+05	-1.656e+04	8.07e-04	0.0	102.1	4.017e+04	-2253.47	-218.48	-2.994e+04	-1.656e+04	8.823e+05
372	341	1.019e+06	9464.69	0.04	-612.50	0.0	3.985e+04	-1644.20	-288.17	-3.479e+04	9464.69	1.019e+06
		8.359e+05	-1.617e+04	2.90e-03	0.0	102.1	3.985e+04	-2256.70	-288.17	-3.479e+04	-1.617e+04	8.359e+05
372	344	7.637e+05	-951.33	0.03	-612.50	0.0	6.280e+04	-2461.52	-205.31	-1.026e+04	-951.33	7.637e+05
		6.395e+05	-2.569e+04	-3.09e-03	0.0	102.1	6.280e+04	-3074.02	-205.31	-1.026e+04	-2.569e+04	6.395e+05
372	347	9.280e+05	1.025e+04	0.04	-612.50	0.0	4.497e+04	-1836.64	-314.76	-3.233e+04	1.025e+04	9.280e+05
		7.599e+05	-1.811e+04	2.91e-03	0.0	102.1	4.497e+04	-2449.14	-314.76	-3.233e+04	-1.811e+04	7.599e+05
372	357	9.722e+05	4266.73	0.04	-612.50	0.0	4.647e+04	-1876.45	-225.67	-2.494e+04	4266.73	9.722e+05
		8.067e+05	-1.875e+04	2.18e-04	0.0	102.1	4.647e+04	-2488.95	-225.67	-2.494e+04	-1.875e+04	8.067e+05
372	360	8.102e+05	4246.62	0.03	-612.50	0.0	5.617e+04	-2229.28	-267.81	-2.012e+04	4246.62	8.102e+05
		6.686e+05	-2.311e+04	-2.42e-04	0.0	102.1	5.617e+04	-2841.78	-267.81	-2.012e+04	-2.311e+04	6.686e+05
372	365	9.722e+05	4233.02	0.04	-612.50	0.0	4.653e+04	-1878.76	-225.34	-2.492e+04	4233.02	9.722e+05
		8.067e+05	-1.875e+04	2.25e-04	0.0	102.1	4.653e+04	-2491.26	-225.34	-2.492e+04	-1.875e+04	8.067e+05
372	376	8.573e+05	2259.21	0.04	-612.50	0.0	5.428e+04	-2144.00	-249.39	-2.087e+04	2259.21	8.573e+05
		7.054e+05	-2.325e+04	-6.20e-04	0.0	102.1	5.428e+04	-2756.50	-249.39	-2.087e+04	-2.325e+04	7.054e+05
372	379	8.785e+05	6652.73	0.04	-612.50	0.0	5.097e+04	-2059.32	-257.55	-2.293e+04	6652.73	8.785e+05
		7.308e+05	-1.960e+04	4.88e-04	0.0	102.1	5.097e+04	-2671.82	-257.55	-2.293e+04	-1.960e+04	7.308e+05
373	89	4.898e+06	4.914e+04	-0.26	-745.87	0.0	2.063e+05	2.197e+04	725.39	-8.292e+04	-1.766e+04	4.898e+06
		3.615e+06	-1.766e+04	-3.09e-04	0.0	92.1	2.063e+05	2.123e+04	725.39	-8.292e+04	4.914e+04	4.898e+06
373	111	1.305e+06	5.386e+04	-0.08	-745.87	0.0	6.940e+04	6721.00	640.94	1.064e+04	-5162.57	9.369e+05
		9.369e+05	-5162.57	-7.81e-04	0.0	92.1	6.940e+04	5975.13	640.94	1.064e+04	5.386e+04	1.305e+06
373	162	7.562e+05	2.826e+04	-0.05	-552.50	0.0	4.040e+04	3999.03	334.53	6082.60	-2540.05	5.395e+05
		5.395e+05	-2540.05	-4.11e-04	0.0	92.1	4.040e+04	3446.53	334.53	6082.60	2.826e+04	7.562e+05
373	184	7.474e+05	2.808e+04	-0.05	-552.50	0.0	4.077e+04	4009.93	333.22	5814.07	-2605.33	5.297e+05
		5.297e+05	-2605.33	-3.86e-04	0.0	92.1	4.077e+04	3457.43	333.22	5814.07	2.808e+04	7.474e+05
373	243	6.942e+05	3.585e+04	-0.05	-552.50	0.0	4.476e+04	4102.46	415.36	8955.56	-2398.41	4.705e+05
		4.705e+05	-2398.41	-6.08e-04	0.0	92.1	4.476e+04	3549.96	415.36	8955.56	3.585e+04	6.942e+05
373	251	3.138e+06	4.092e+04	-0.16	-552.50	0.0	1.276e+05	1.387e+04	563.09	-3.460e+04	-1.093e+04	2.331e+06
		2.331e+06	-1.093e+04	-4.09e-04	0.0	92.1	1.276e+05	1.331e+04	563.09	-3.460e+04	4.092e+04	3.138e+06
373	287	7.825e+05	3.324e+04	-0.05	-552.50	0.0	4.181e+04	4083.27	395.04	6742.61	-3140.11	5.624e+05
		5.624e+05	-3140.11	-5.15e-04	0.0	92.1	4.181e+04	3530.77	395.04	6742.61	3.324e+04	7.825e+05
373	310	7.928e+05	3.253e+04	-0.05	-552.50	0.0	4.178e+04	4105.34	388.30	5987.02	-3221.21	5.709e+05
		5.709e+05	-3221.21	-4.69e-04	0.0	92.1	4.178e+04	3552.84	388.30	5987.02	3.253e+04	7.928e+05
373	319	7.217e+05	3.561e+04	-0.05	-552.50	0.0	4.398e+04	4112.01	410.16	8604.43	-2162.22	4.989e+05
		4.989e+05	-2162.22	-6.72e-04	0.0	92.1	4.398e+04	3559.51	410.16	8604.43	3.561e+04	7.217e+05
373	321	2.555e+06	3.941e+04	-0.13	-552.50	0.0	1.061e+05	1.143e+04	520.96	-2.406e+04	-8559.41	1.895e+06
		1.895e+06	-8559.41	-5.20e-04	0.0	92.1	1.061e+05	1.088e+04	520.96	-2.406e+04	3.941e+04	2.555e+06
373	324	7.911e+05	3.319e+04	-0.05	-552.50	0.0	4.186e+04	4113.47	390.70	6434.01	-2784.18	5.697e+05
		5.697e+05	-2784.18	-5.66e-04	0.0	92.1	4.186e+04	3560.97	390.70	6434.01	3.319e+04	7.911e+05

373	334	9.531e+05	2.452e+04	-0.06	-552.50	0.0	3.158e+04	4416.80	308.42	1354.26	-4142.51	6.890e+05
		6.890e+05	-1412.51	5.38e-04	0.0	92.1	3.158e+04	3864.30	308.42	1354.26	2.452e+04	9.531e+05
373	335	6.291e+05	4.186e+04	-0.04	-552.50	0.0	5.215e+04	3810.13	472.97	1.151e+04	-1425.84	4.504e+05
		4.504e+05	-1425.84	-1.39e-03	0.0	92.1	5.215e+04	3257.63	472.97	1.151e+04	4.186e+04	6.291e+05
373	343	6.680e+05	5.331e+04	-0.04	-552.50	0.0	5.395e+04	4449.61	536.28	2.089e+04	4849.21	4.805e+05
		4.805e+05	4849.21	-3.74e-03	0.0	92.1	5.395e+04	3897.11	536.28	2.089e+04	5.331e+04	6.680e+05
373	344	8.319e+05	1.483e+04	-0.05	-552.50	0.0	3.411e+04	3513.33	271.08	-7570.58	-1.106e+04	5.978e+05
		5.978e+05	-1.106e+04	2.96e-03	0.0	92.1	3.411e+04	2960.83	271.08	-7570.58	1.483e+04	8.319e+05
373	346	9.143e+05	1.308e+04	-0.06	-552.50	0.0	2.975e+04	3778.46	245.35	-8039.55	-1.043e+04	6.589e+05
		6.589e+05	-1.043e+04	2.93e-03	0.0	92.1	2.975e+04	3225.96	245.35	-8039.55	1.308e+04	9.143e+05
373	347	6.679e+05	5.330e+04	-0.04	-552.50	0.0	5.398e+04	4448.47	536.05	2.091e+04	4860.98	4.805e+05
		4.805e+05	4860.98	-3.73e-03	0.0	92.1	5.398e+04	3895.97	536.05	2.091e+04	5.330e+04	6.679e+05
373	366	8.645e+05	3.091e+04	-0.06	-552.50	0.0	3.761e+04	4329.83	361.68	5278.29	-2427.23	6.244e+05
		6.244e+05	-2427.23	-4.26e-04	0.0	92.1	3.761e+04	3777.33	361.68	5278.29	3.091e+04	8.645e+05
373	367	7.177e+05	3.548e+04	-0.05	-552.50	0.0	4.612e+04	3897.10	419.71	7589.73	-3141.12	5.151e+05
		5.151e+05	-3141.12	-7.14e-04	0.0	92.1	4.612e+04	3344.60	419.71	7589.73	3.548e+04	7.177e+05
373	370	8.652e+05	3.127e+04	-0.06	-552.50	0.0	3.802e+04	4324.11	365.67	5511.87	-2584.45	6.269e+05
		6.269e+05	-2584.45	-4.94e-04	0.0	92.1	3.802e+04	3771.61	365.67	5511.87	3.127e+04	8.652e+05
373	371	7.169e+05	3.512e+04	-0.05	-552.50	0.0	4.571e+04	3902.82	415.72	7356.15	-2983.90	5.125e+05
		5.125e+05	-2983.90	-6.40e-04	0.0	92.1	4.571e+04	3350.32	415.72	7356.15	3.512e+04	7.169e+05
373	375	7.604e+05	3.636e+04	-0.05	-552.50	0.0	4.479e+04	4077.40	422.17	9043.85	-2394.12	5.464e+05
		5.464e+05	-2394.12	-1.15e-03	0.0	92.1	4.479e+04	3524.90	422.17	9043.85	3.636e+04	7.604e+05
373	384	7.819e+05	3.211e+04	-0.05	-552.50	0.0	4.250e+04	3996.14	385.70	4829.27	-4023.49	5.700e+05
		5.700e+05	-4023.49	-2.89e-04	0.0	92.1	4.250e+04	3443.64	385.70	4829.27	3.211e+04	7.819e+05
374	88	3.104e+06	732.14	-0.16	-552.50	0.0	1.293e+05	1.360e+04	-1067.52	-7.771e+04	732.14	2.309e+06
		2.309e+06	-9.757e+04	1.60e-03	0.0	92.1	1.293e+05	1.305e+04	-1067.52	-7.771e+04	-9.757e+04	3.104e+06
374	89	4.432e+06	-620.79	-0.24	-745.87	0.0	1.877e+05	1.944e+04	-1549.96	-1.248e+05	-620.79	3.297e+06
		3.297e+06	-1.433e+05	2.29e-03	0.0	92.1	1.877e+05	1.869e+04	-1549.96	-1.248e+05	-1.433e+05	4.432e+06
374	184	7.457e+05	-566.78	-0.05	-552.50	0.0	4.040e+04	4001.50	-111.13	-5072.15	-566.78	5.230e+05
		5.230e+05	-1.080e+04	1.55e-04	0.0	92.1	4.040e+04	3449.00	-111.13	-5072.15	-1.080e+04	7.457e+05
374	206	7.664e+05	137.96	-0.05	-552.50	0.0	3.991e+04	4008.14	-111.63	-5071.79	137.96	5.436e+05
		5.436e+05	-1.014e+04	-7.36e-05	0.0	92.1	3.991e+04	3455.64	-111.63	-5071.79	-1.014e+04	7.664e+05
374	243	7.038e+05	266.10	-0.05	-552.50	0.0	4.358e+04	4178.03	-114.21	-4749.68	266.10	4.689e+05
		4.689e+05	-1.025e+04	-8.45e-05	0.0	92.1	4.358e+04	3625.53	-114.21	-4749.68	-1.025e+04	7.038e+05
374	251	2.908e+06	2183.50	-0.15	-552.50	0.0	1.184e+05	1.281e+04	-941.17	-6.070e+04	2183.50	2.155e+06
		2.155e+06	-8.448e+04	1.31e-03	0.0	92.1	1.184e+05	1.226e+04	-941.17	-6.070e+04	-8.448e+04	2.908e+06
374	287	7.829e+05	-444.11	-0.05	-552.50	0.0	4.104e+04	4143.96	-104.07	-5616.86	-444.11	5.508e+05
		5.508e+05	-1.003e+04	8.87e-05	0.0	92.1	4.104e+04	3591.46	-104.07	-5616.86	-1.003e+04	7.829e+05
374	310	7.908e+05	-537.97	-0.05	-552.50	0.0	4.095e+04	4156.31	-113.79	-6387.59	-537.97	5.578e+05
		5.578e+05	-1.102e+04	1.35e-04	0.0	92.1	4.095e+04	3603.81	-113.79	-6387.59	-1.102e+04	7.908e+05
374	319	7.294e+05	579.91	-0.05	-552.50	0.0	4.280e+04	4170.31	-108.46	-4687.13	579.91	4.954e+05
		4.954e+05	-9407.76	-1.86e-04	0.0	92.1	4.280e+04	3617.81	-108.46	-4687.13	-9407.76	7.294e+05
374	321	2.383e+06	2017.96	-0.12	-552.50	0.0	9.896e+04	1.065e+04	-728.68	-4.665e+04	2017.96	1.760e+06
		1.760e+06	-6.508e+04	9.12e-04	0.0	92.1	9.896e+04	1.010e+04	-728.68	-4.665e+04	-6.508e+04	2.383e+06
374	324	7.902e+05	-30.32	-0.05	-552.50	0.0	4.096e+04	4154.59	-108.01	-5906.01	-30.32	5.576e+05
		5.576e+05	-9975.98	-9.75e-05	0.0	92.1	4.096e+04	3602.09	-108.01	-5906.01	-9975.98	7.902e+05
374	334	9.326e+05	-2388.09	-0.06	-552.50	0.0	3.305e+04	3757.08	-158.26	-1.116e+04	-2388.09	6.664e+05
		6.664e+05	-1.482e+04	8.31e-04	0.0	92.1	3.305e+04	3204.58	-158.26	-1.116e+04	-1.482e+04	9.326e+05
374	335	6.478e+05	2327.45	-0.04	-552.50	0.0	4.887e+04	4552.09	-57.75	-654.22	2327.45	4.487e+05
		4.487e+05	-5134.03	-1.03e-03	0.0	92.1	4.887e+04	3999.59	-57.75	-654.22	-5134.03	6.478e+05
374	345	8.068e+05	9163.85	-0.05	-552.50	0.0	4.119e+04	3944.57	15.51	7479.60	8924.56	5.628e+05
		5.628e+05	8924.56	-3.35e-03	0.0	92.1	4.119e+04	3392.07	15.51	7479.60	9163.85	8.068e+05
374	348	7.736e+05	-8985.20	-0.05	-552.50	0.0	4.072e+04	4364.60	-231.52	-1.929e+04	-8985.20	5.524e+05
		5.524e+05	-2.912e+04	3.16e-03	0.0	92.1	4.072e+04	3812.10	-231.52	-1.929e+04	-2.912e+04	7.736e+05
374	366	8.607e+05	-162.13	-0.05	-552.50	0.0	3.717e+04	3944.29	-120.57	-6891.48	-162.13	6.105e+05
		6.105e+05	-1.042e+04	1.65e-04	0.0	92.1	3.717e+04	3391.79	-120.57	-6891.48	-1.042e+04	8.607e+05
374	367	7.197e+05	101.49	-0.05	-552.50	0.0	4.475e+04	4364.88	-95.44	-4920.54	101.49	5.047e+05
		5.047e+05	-9534.87	-2.91e-04	0.0	92.1	4.475e+04	3812.38	-95.44	-4920.54	-9534.87	7.197e+05
374	370	8.610e+05	-109.36	-0.05	-552.50	0.0	3.728e+04	3942.96	-118.72	-6795.70	-109.36	6.109e+05
		6.109e+05	-1.017e+04	1.02e-04	0.0	92.1	3.728e+04	3390.46	-118.72	-6795.70	-1.017e+04	8.610e+05
374	371	7.194e+05	48.72	-0.05	-552.50	0.0	4.463e+04	4366.21	-97.29	-5016.32	48.72	5.043e+05
		5.043e+05	-9784.90	-1.95e-04	0.0	92.1	4.463e+04	3813.71	-97.29	-5016.32	-9784.90	7.194e+05
374	377	8.075e+05	968.61	-0.05	-552.50	0.0	4.036e+04	4075.05	-88.57	-4737.06	968.61	5.706e+05
		5.706e+05	-6977.61	-8.23e-04	0.0	92.1	4.036e+04	3522.55	-88.57	-4737.06	-6977.61	8.075e+05
374	380	7.729e+05	-1029.25	-0.05	-552.50	0.0	4.156e+04	4234.12	-127.45	-7074.97	-1029.25	5.446e+05
		5.446e+05	-1.297e+04	6.29e-04	0.0	92.1	4.156e+04	3681.62	-127.45	-7074.97	-1.297e+04	7.729e+05
375	89	4.071e+06	3.389e+04	-0.22	-745.87	0.0	1.696e+05	1.836e+04	673.54	-7.058e+04	-2.814e+04	2.975e+06
		2.975e+06	-2.814e+04	1.02e-03	0.0	92.1	1.696e+05	1.762e+04	673.54	-7.058e+04	3.389e+04	4.071e+06
375	90	3.767e+06	3.058e+04	-0.20	-552.50	0.0	1.541e+05	1.674e+04	639.90	-7.361e+04	-2.834e+04	2.764e+06
		2.764e+06	-2.834e+04	9.60e-04	0.0	92.1	1.541e+05	1.619e+04	639.90	-7.361e+04	3.058e+04	3.767e+06
375	146	7.440e+05	7665.10	-0.05	-552.50	0.0	4.042e+04	3996.32	93.71	3619.61	-963.85	5.223e+05
		5.223e+05	-963.85	3.25e-04	0.0	92.1	4.042e+04	3443.82	93.71	3619.61	7665.10	7.440e+05
375	206	7.664e+05	1.014e+04	-0.05	-552.50	0.0	3.991e+04	4008.14	111.63	5071.78	-137.97	5.436e+05
		5.436e+05	-137.97	7.36e-05	0.0	92.1	3.991e+04	3455.64	111.63	5071.78	1.014e+04	7.664e+05
375	251	2.718e+06	3.195e+04	-0.14	-552.50	0.0	1.103e+05	1.212e+04	531.54	-2.518e+04	-1.700e+04	1.997e+06
		1.997e+06	-1.700e+04	5.50e-04	0.0	92.1	1.103e+05	1.157e+04	531.54	-2.518e+04	3.195e+04	2.718e+06
375	259	7.081e+05	1.023e+04	-0.04	-552.50	0.0	4.323e+04	4157.48	111.71	6932.45	-58.09	4.751e+05

		4.751e+05	-58.09	-8.67e-05	0.0	92.1	4.323e+04	3604.98	111.71	6932.45	1.023e+04	7.081e+05
375	268	7.818e+05	7947.27	-0.05	-552.50	0.0	4.105e+04	4140.52	92.51	4653.68	-571.19	5.504e+05
		5.504e+05	-571.19	2.90e-04	0.0	92.1	4.105e+04	3588.02	92.51	4653.68	7947.27	7.818e+05
375	309	7.902e+05	9975.97	-0.05	-552.50	0.0	4.096e+04	4154.59	108.01	5906.00	30.32	5.576e+05
		5.576e+05	30.32	9.75e-05	0.0	92.1	4.096e+04	3602.09	108.01	5906.00	9975.97	7.902e+05
375	321	2.241e+06	2.724e+04	-0.12	-552.50	0.0	9.282e+04	1.013e+04	430.13	-1.704e+04	-1.237e+04	1.641e+06
		1.641e+06	-1.237e+04	3.39e-04	0.0	92.1	9.282e+04	9577.76	430.13	-1.704e+04	2.724e+04	2.241e+06
375	323	7.334e+05	1.095e+04	-0.05	-552.50	0.0	4.253e+04	4157.48	115.26	7046.58	337.58	5.003e+05
		5.003e+05	337.58	-1.45e-04	0.0	92.1	4.253e+04	3604.98	115.26	7046.58	1.095e+04	7.334e+05
375	324	7.902e+05	9975.97	-0.05	-552.50	0.0	4.096e+04	4154.59	108.01	5906.00	30.32	5.576e+05
		5.576e+05	30.32	9.75e-05	0.0	92.1	4.096e+04	3602.09	108.01	5906.00	9975.97	7.902e+05
375	325	9.379e+05	1.460e+04	-0.06	-552.50	0.0	3.285e+04	3764.43	156.87	1.125e+04	2456.05	6.701e+05
		6.701e+05	2456.05	-8.05e-04	0.0	92.1	3.285e+04	3211.93	156.87	1.125e+04	1.460e+04	9.379e+05
375	328	6.426e+05	5356.27	-0.04	-552.50	0.0	4.907e+04	4544.75	59.15	561.01	-2395.42	4.450e+05
		4.450e+05	-2395.42	1.00e-03	0.0	92.1	4.907e+04	3992.25	59.15	561.01	5356.27	6.426e+05
375	342	7.892e+05	-8423.03	-0.05	-552.50	0.0	4.185e+04	3920.09	-10.86	-7790.27	-9151.11	5.035e+05
		5.503e+05	-9151.11	3.27e-03	0.0	92.1	4.185e+04	3367.59	-10.86	-7790.27	-8423.03	7.892e+05
375	343	7.912e+05	2.837e+04	-0.05	-552.50	0.0	4.006e+04	4389.09	226.87	1.960e+04	9211.74	5.648e+05
		5.648e+05	9211.74	-3.07e-03	0.0	92.1	4.006e+04	3836.59	226.87	1.960e+04	2.837e+04	7.912e+05
375	357	8.610e+05	1.042e+04	-0.05	-552.50	0.0	3.717e+04	3944.29	120.57	6891.47	162.13	5.105e+05
		6.105e+05	162.13	-1.65e-04	0.0	92.1	3.717e+04	3391.79	120.57	6891.47	1.042e+04	8.610e+05
375	360	7.197e+05	9534.86	-0.05	-552.50	0.0	4.475e+04	4364.88	95.44	4920.53	-101.50	5.047e+05
		5.047e+05	-101.50	2.91e-04	0.0	92.1	4.475e+04	3812.38	95.44	4920.53	9534.86	7.197e+05
375	361	8.610e+05	1.017e+04	-0.05	-552.50	0.0	3.728e+04	3942.97	118.72	6795.69	109.35	6.109e+05
		6.109e+05	109.35	-1.02e-04	0.0	92.1	3.728e+04	3390.47	118.72	6795.69	1.017e+04	8.610e+05
375	364	7.194e+05	9784.89	-0.05	-552.50	0.0	4.463e+04	4366.21	97.29	5016.31	-48.72	5.043e+05
		5.043e+05	-48.72	1.95e-04	0.0	92.1	4.463e+04	3813.71	97.29	5016.31	9784.89	7.194e+05
375	374	8.075e+05	6977.61	-0.05	-552.50	0.0	4.036e+04	4075.05	88.57	4737.04	-968.62	5.706e+05
		5.706e+05	-968.62	8.23e-04	0.0	92.1	4.036e+04	3522.55	88.57	4737.04	6977.61	8.075e+05
375	375	7.729e+05	1.297e+04	-0.05	-552.50	0.0	4.156e+04	4234.12	127.45	7074.95	1029.25	5.446e+05
		5.446e+05	1029.25	-6.29e-04	0.0	92.1	4.156e+04	3681.62	127.45	7074.95	1.297e+04	7.729e+05
376	89	3.682e+06	-4300.38	-0.20	-745.87	0.0	1.540e+05	1.661e+04	-1571.39	-1.159e+05	-4300.38	2.727e+06
		2.727e+06	-1.490e+05	3.26e-03	0.0	92.1	1.540e+05	1.586e+04	-1571.39	-1.159e+05	-1.490e+05	3.682e+06
376	146	7.421e+05	1287.50	-0.05	-552.50	0.0	4.102e+04	4034.41	-340.45	-7162.77	1287.50	5.262e+05
		5.262e+05	-3.006e+04	6.90e-04	0.0	92.1	4.102e+04	3481.91	-340.45	-7162.77	-3.006e+04	7.421e+05
376	181	1.058e+06	4263.16	-0.07	-745.87	0.0	5.758e+04	5594.30	-511.87	-1.163e+04	4263.16	7.580e+05
		7.580e+05	-5.349e+04	9.12e-04	-230.67	92.1	5.758e+04	4848.43	-742.54	-1.163e+04	-5.349e+04	1.058e+06
376	206	7.690e+05	2003.20	-0.05	-552.50	0.0	4.049e+04	4044.39	-328.02	-5622.18	2003.20	5.505e+05
		5.505e+05	-2.820e+04	4.87e-04	0.0	92.1	4.049e+04	3491.89	-328.02	-5622.18	-2.820e+04	7.690e+05
376	243	7.161e+05	3378.77	-0.05	-552.50	0.0	4.333e+04	4096.54	-398.62	-6155.94	3378.77	4.983e+05
		4.983e+05	-3.333e+04	5.58e-04	0.0	92.1	4.333e+04	3544.04	-398.62	-6155.94	-3.333e+04	7.161e+05
376	251	2.531e+06	-1153.17	-0.13	-552.50	0.0	1.039e+05	1.128e+04	-955.52	-5.352e+04	-1153.17	1.884e+06
		1.884e+06	-8.914e+04	1.95e-03	0.0	92.1	1.039e+05	1.073e+04	-955.52	-5.352e+04	-8.914e+04	2.531e+06
376	259	7.071e+05	2642.74	-0.05	-552.50	0.0	4.381e+04	4084.68	-401.13	-6128.99	2642.74	4.867e+05
		4.867e+05	-3.429e+04	5.37e-04	0.0	92.1	4.381e+04	3532.18	-401.13	-6128.99	-3.429e+04	7.071e+05
376	268	7.790e+05	2266.04	-0.05	-552.50	0.0	4.197e+04	4099.51	-399.83	-7636.59	2266.04	5.600e+05
		5.600e+05	-3.455e+04	7.18e-04	0.0	92.1	4.197e+04	3547.01	-399.83	-7636.59	-3.455e+04	7.790e+05
376	309	7.911e+05	2784.18	-0.05	-552.50	0.0	4.186e+04	4113.47	-390.70	-6434.01	2784.18	5.697e+05
		5.697e+05	-3.319e+04	5.66e-04	0.0	92.1	4.186e+04	3560.97	-390.70	-6434.01	-3.319e+04	7.911e+05
376	319	7.407e+05	3553.05	-0.05	-552.50	0.0	4.278e+04	4095.39	-394.01	-5834.24	3553.05	5.216e+05
		5.216e+05	-3.273e+04	4.86e-04	0.0	92.1	4.278e+04	3542.89	-394.01	-5834.24	-3.273e+04	7.407e+05
376	321	2.102e+06	154.09	-0.11	-552.50	0.0	8.823e+04	9482.80	-811.69	-4.136e+04	154.09	1.561e+06
		1.561e+06	-7.459e+04	1.52e-03	0.0	92.1	8.823e+04	8930.30	-811.69	-4.136e+04	-7.459e+04	2.102e+06
376	323	7.339e+05	3001.02	-0.05	-552.50	0.0	4.314e+04	4086.50	-395.90	-5814.03	3001.02	5.128e+05
		5.128e+05	-3.345e+04	4.71e-04	0.0	92.1	4.314e+04	3534.00	-395.90	-5814.03	-3.345e+04	7.339e+05
376	324	7.911e+05	2784.18	-0.05	-552.50	0.0	4.186e+04	4113.47	-390.70	-6434.01	2784.18	5.697e+05
		5.697e+05	-3.319e+04	5.66e-04	0.0	92.1	4.186e+04	3560.97	-390.70	-6434.01	-3.319e+04	7.911e+05
376	325	9.584e+05	4215.73	-0.06	-552.50	0.0	3.170e+04	4399.24	-314.38	-1323.71	4215.73	6.953e+05
		6.953e+05	-2.501e+04	-4.81e-04	0.0	92.1	3.170e+04	3846.74	-314.38	-1323.71	-2.501e+04	9.584e+05
376	328	6.238e+05	1352.62	-0.04	-552.50	0.0	5.203e+04	3827.70	-467.01	-1.154e+04	1352.62	4.441e+05
		4.441e+05	-4.137e+04	1.33e-03	0.0	92.1	5.203e+04	3275.20	-467.01	-1.154e+04	-4.137e+04	6.238e+05
376	341	9.319e+05	1.067e+04	-0.06	-552.50	0.0	3.017e+04	3719.90	-265.22	8141.40	1.067e+04	6.796e+05
		6.796e+05	-1.472e+04	-2.74e-03	0.0	92.1	3.017e+04	3167.40	-265.22	8141.40	-1.472e+04	9.319e+05
376	344	6.502e+05	-5105.04	-0.04	-552.50	0.0	5.356e+04	4507.03	-516.17	-2.101e+04	-5105.04	4.598e+05
		4.598e+05	-5.166e+04	3.53e-03	0.0	92.1	5.356e+04	3954.53	-516.17	-2.101e+04	-5.166e+04	6.502e+05
376	347	8.496e+05	1.130e+04	-0.05	-552.50	0.0	3.453e+04	3454.76	-290.95	7672.42	1.130e+04	6.186e+05
		6.186e+05	-1.647e+04	-2.77e-03	0.0	92.1	3.453e+04	2902.26	-290.95	7672.42	-1.647e+04	8.496e+05
376	348	6.503e+05	-5093.27	-0.04	-552.50	0.0	5.353e+04	4508.17	-516.41	-2.099e+04	-5093.27	4.598e+05
		4.598e+05	-5.167e+04	3.54e-03	0.0	92.1	5.353e+04	3955.67	-516.41	-2.099e+04	-5.167e+04	6.503e+05
376	357	8.645e+05	2427.23	-0.06	-552.50	0.0	3.761e+04	4329.83	-361.68	-5278.29	2427.23	6.244e+05
		6.244e+05	-3.091e+04	4.26e-04	0.0	92.1	3.761e+04	3777.33	-361.68	-5278.29	-3.091e+04	8.645e+05
376	360	7.177e+05	3141.12	-0.05	-552.50	0.0	4.612e+04	3897.10	-419.71	-7589.73	3141.12	5.151e+05
		5.151e+05	-3.548e+04	7.14e-04	0.0	92.1	4.612e+04	3344.60	-419.71	-7589.73	-3.548e+04	7.177e+05
376	361	8.652e+05	2584.45	-0.06	-552.50	0.0	3.802e+04	4324.11	-365.67	-5511.87	2584.45	6.269e+05
		6.269e+05	-3.127e+04	4.94e-04	0.0	92.1	3.802e+04	3771.61	-365.67	-5511.87	-3.127e+04	8.652e+05
376	364	7.169e+05	2983.90	-0.05	-552.50	0.0	4.571e+04	3902.82	-415.72	-7356.15	2983.90	5.125e+05
		5.125e+05	-3.512e+04	6.40e-04	0.0	92.1	4.571e+04	3350.32	-415.72	-7356.15	-3.512e+04	7.169e+05

376	380	7.604e+05	2394.12	-0.05	-552.50	0.0	4.479e+04	4077.40	-422.17	-9043.86	2394.12	5.464e+05
		5.464e+05	-3.636e+04	1.15e-03	0.0	92.1	4.479e+04	3524.90	-422.17	-9043.86	-3.636e+04	7.604e+05
376	387	7.819e+05	4023.49	-0.05	-552.50	0.0	4.250e+04	3996.14	-385.70	-4829.27	4023.49	5.700e+05
		5.700e+05	-3.211e+04	2.89e-04	0.0	92.1	4.250e+04	3443.64	-385.70	-4829.27	-3.211e+04	7.819e+05
377	149	3.306e+06	-7315.59	-0.36	-745.88	0.0	1.355e+05	2.816e+04	-6.45	-1.278e+05	-1.309e+04	1.683e+06
		1.683e+06	-1.311e+04	-2.53e-04	138.40	92.1	1.355e+05	2.741e+04	131.95	-1.278e+05	-7315.59	3.306e+06
377	164	6.491e+05	-2468.27	-0.06	-552.50	0.0	3.126e+04	5488.47	26.04	779.22	-4866.52	3.439e+05
		3.439e+05	-4866.52	-1.61e-04	0.0	92.1	3.126e+04	4935.97	26.04	779.22	-2468.27	6.491e+05
377	206	6.275e+05	-2013.04	-0.06	-552.50	0.0	3.195e+04	5514.48	27.91	884.29	-4582.64	3.222e+05
		3.222e+05	-4582.64	-3.88e-04	0.0	92.1	3.195e+04	4961.98	27.91	884.29	-2013.04	6.275e+05
377	231	5.722e+05	-3161.39	-0.06	-552.50	0.0	3.522e+04	5665.44	33.67	2968.03	-6262.15	2.577e+05
		2.577e+05	-6262.15	-3.90e-04	0.0	92.1	3.522e+04	5112.94	33.67	2968.03	-3161.39	5.722e+05
377	270	1.001e+06	-5676.16	-0.10	-552.50	0.0	5.399e+04	8947.75	-17.81	-3.307e+04	-8283.88	4.919e+05
		4.919e+05	-8442.11	1.37e-04	92.27	92.1	5.399e+04	8395.25	74.45	-3.307e+04	-5676.16	1.001e+06
377	281	2.052e+06	-3179.43	-0.23	-552.50	0.0	8.062e+04	1.756e+04	4.02	-6.104e+04	-7797.76	1.043e+06
		1.043e+06	-7797.76	-3.31e-04	92.27	92.1	8.062e+04	1.701e+04	96.29	-6.104e+04	-3179.43	2.052e+06
377	288	6.630e+05	-3094.79	-0.07	-552.50	0.0	3.263e+04	5645.75	29.86	-152.46	-5844.77	3.494e+05
		3.494e+05	-5844.77	-2.81e-04	0.0	92.1	3.263e+04	5093.25	29.86	-152.46	-3094.79	6.630e+05
377	300	2.049e+06	-2745.52	-0.23	-552.50	0.0	8.043e+04	1.753e+04	49.46	-6.042e+04	-7299.53	1.043e+06
		1.043e+06	-7299.53	-4.19e-04	0.0	92.1	8.043e+04	1.698e+04	49.46	-6.042e+04	-2745.52	2.049e+06
377	309	6.486e+05	-2792.91	-0.06	-552.50	0.0	3.309e+04	5663.06	31.10	-83.13	-5656.58	3.350e+05
		3.350e+05	-5656.58	-4.32e-04	0.0	92.1	3.309e+04	5110.56	31.10	-83.13	-2792.91	6.486e+05
377	312	8.690e+05	-2620.74	-0.08	-552.50	0.0	4.429e+04	4995.17	45.43	4967.14	-6804.37	6.024e+05
		6.024e+05	-6804.37	-4.10e-04	0.0	92.1	4.429e+04	4442.67	45.43	4967.14	-2620.74	8.690e+05
377	313	1.691e+06	-2526.79	-0.19	-552.50	0.0	6.886e+04	1.458e+04	45.70	-4.534e+04	-6735.09	8.579e+05
		8.579e+05	-6735.09	-5.37e-04	0.0	92.1	6.886e+04	1.402e+04	45.70	-4.534e+04	-2526.79	1.691e+06
377	316	5.826e+05	-2810.55	-0.06	-552.50	0.0	3.490e+04	5667.99	34.30	2501.72	-5968.99	2.692e+05
		2.692e+05	-5968.99	-5.51e-04	0.0	92.1	3.490e+04	5115.49	34.30	2501.72	-2810.55	5.826e+05
377	324	6.486e+05	-2792.91	-0.06	-552.50	0.0	3.309e+04	5663.06	31.10	-83.13	-5656.58	3.350e+05
		3.350e+05	-5656.58	-4.32e-04	0.0	92.1	3.309e+04	5110.56	31.10	-83.13	-2792.91	6.486e+05
377	331	8.738e+05	-596.77	-0.09	-552.50	0.0	2.253e+04	6677.06	49.30	-3100.67	-4278.09	4.934e+05
		4.934e+05	-4278.09	-8.57e-04	0.0	92.1	2.253e+04	6124.56	49.30	-3100.67	-596.77	8.738e+05
377	334	4.261e+05	-4356.75	-0.04	-552.50	0.0	4.380e+04	4645.23	15.63	3061.25	-4356.75	4.261e+05
		1.784e+05	-4953.83	-2.62e-04	0.0	92.1	4.380e+04	4092.73	15.63	3061.25	-4953.83	4.261e+05
377	335	8.710e+05	-631.99	-0.09	-552.50	0.0	2.239e+04	6680.89	46.56	-3227.50	-6956.42	4.915e+05
		4.915e+05	-6956.42	-6.02e-04	0.0	92.1	2.239e+04	6128.39	46.56	-3227.50	-631.99	8.710e+05
377	338	4.226e+05	-4987.44	-0.04	-552.50	0.0	4.377e+04	4641.60	12.96	3082.04	-5535.61	1.758e+05
		1.758e+05	-5535.61	8.06e-05	0.0	92.1	4.377e+04	4089.10	12.96	3082.04	-4987.44	4.226e+05
377	339	8.745e+05	-598.38	-0.09	-552.50	0.0	2.242e+04	6684.52	49.24	-3248.29	-5777.55	4.941e+05
		4.941e+05	-5777.55	-8.16e-04	0.0	92.1	2.242e+04	6132.02	49.24	-3248.29	-598.38	8.745e+05
377	356	6.921e+05	-3531.28	-0.07	-552.50	0.0	3.034e+04	5882.76	16.81	-2481.93	-7996.78	3.567e+05
		3.567e+05	-7996.78	9.26e-04	0.0	92.1	3.034e+04	5330.26	16.81	-2481.93	-3531.28	6.921e+05
377	363	7.644e+05	-1679.50	-0.08	-552.50	0.0	2.774e+04	6180.89	40.26	-1635.32	-4963.99	4.161e+05
		4.161e+05	-4963.99	-6.45e-04	0.0	92.1	2.774e+04	5628.39	40.26	-1635.32	-1679.50	7.644e+05
377	366	5.319e+05	-3872.87	-0.05	-552.50	0.0	3.851e+04	5144.20	22.66	1592.06	-4952.94	2.534e+05
		2.534e+05	-4952.94	-2.76e-04	0.0	92.1	3.851e+04	4591.70	22.66	1592.06	-3872.87	5.319e+05
377	367	7.652e+05	-1712.96	-0.08	-552.50	0.0	2.768e+04	6181.92	39.54	-1758.31	-6360.22	4.165e+05
		4.165e+05	-6360.22	-5.87e-04	0.0	92.1	2.768e+04	5629.42	39.54	-1758.31	-1712.96	7.652e+05
377	370	5.324e+05	-3905.66	-0.05	-552.50	0.0	3.851e+04	5141.51	21.97	1545.94	-5583.27	2.535e+05
		2.535e+05	-5583.27	-2.38e-04	0.0	92.1	3.851e+04	4589.01	21.97	1545.94	-3905.66	5.324e+05
377	371	7.647e+05	-1680.16	-0.08	-552.50	0.0	2.768e+04	6184.60	40.23	-1712.19	-5729.90	4.164e+05
		4.164e+05	-5729.90	-6.25e-04	0.0	92.1	2.768e+04	5632.10	40.23	-1712.19	-1680.16	7.647e+05
377	379	6.951e+05	-1993.37	-0.07	-552.50	0.0	3.129e+04	5846.48	39.66	-119.84	-6832.32	3.704e+05
		3.704e+05	-6832.32	-9.74e-04	0.0	92.1	3.129e+04	5293.98	39.66	-119.84	-1993.37	6.951e+05
378	139	1.240e+06	8237.09	-0.11	-745.87	0.0	6.173e+04	6440.56	-151.38	-5.393e+04	8237.09	8.895e+05
		8.895e+05	-5702.17	2.96e-04	0.0	92.1	6.173e+04	5694.69	-151.38	-5.393e+04	-5702.17	1.240e+06
378	149	3.028e+06	-1608.94	-0.33	-745.88	0.0	1.225e+05	2.506e+04	-118.78	-1.490e+05	-1608.94	1.580e+06
		1.580e+06	-1.255e+04	1.24e-03	0.0	92.1	1.225e+05	2.432e+04	-118.78	-1.490e+05	-1.255e+04	3.028e+06
378	164	6.401e+05	541.01	-0.06	-552.50	0.0	3.069e+04	5384.15	-9.99	-5401.49	541.01	3.386e+05
		3.386e+05	-378.65	1.50e-04	0.0	92.1	3.069e+04	4831.65	-9.99	-5401.49	-378.65	6.401e+05
378	206	6.174e+05	850.27	-0.06	-552.50	0.0	3.141e+04	5397.39	-7.57	-5622.34	850.27	3.154e+05
		3.154e+05	153.46	-8.81e-05	0.0	92.1	3.141e+04	4844.89	-7.57	-5622.34	153.46	6.174e+05
378	231	5.598e+05	135.14	-0.06	-552.50	0.0	3.436e+04	5577.30	-5.69	-5000.95	135.14	2.466e+05
		2.466e+05	-388.67	-7.55e-05	0.0	92.1	3.436e+04	5024.80	-5.69	-5000.95	-388.67	5.598e+05
378	276	9.151e+05	6134.83	-0.08	-552.50	0.0	4.567e+04	4752.06	-111.70	-3.969e+04	6134.83	6.569e+05
		6.569e+05	-4150.78	1.91e-04	0.0	92.1	4.567e+04	4199.56	-111.70	-3.969e+04	-4150.78	9.151e+05
378	281	1.918e+06	-501.22	-0.21	-552.50	0.0	7.423e+04	1.608e+04	-66.52	-7.043e+04	-501.22	9.907e+05
		9.907e+05	-6626.16	6.44e-04	0.0	92.1	7.423e+04	1.552e+04	-66.52	-7.043e+04	-6626.16	1.918e+06
378	288	6.488e+05	531.30	-0.07	-552.50	0.0	3.171e+04	5548.15	-9.75	-6578.81	531.30	3.373e+05
		3.373e+05	-366.25	5.40e-05	0.0	92.1	3.171e+04	4995.65	-9.75	-6578.81	-366.25	6.488e+05
378	309	6.337e+05	736.30	-0.06	-552.50	0.0	3.219e+04	5556.98	-8.14	-6727.52	736.30	3.219e+05
		3.219e+05	-13.39	-1.04e-04	0.0	92.1	3.219e+04	5004.48	-8.14	-6727.52	-13.39	6.337e+05
378	312	8.358e+05	4917.35	-0.07	-552.50	0.0	4.254e+04	4946.56	-83.40	-3.054e+04	4917.35	5.649e+05
		5.649e+05	-2762.00	-7.66e-05	0.0	92.1	4.254e+04	4394.06	-83.40	-3.054e+04	-2762.00	8.358e+05
378	313	1.588e+06	-59.69	-0.17	-552.50	0.0	6.396e+04	1.344e+04	-49.51	-5.359e+04	-59.69	8.153e+05
		8.153e+05	-4618.53	2.63e-04	0.0	92.1	6.396e+04	1.289e+04	-49.51	-5.359e+04	-4618.53	1.588e+06
378	316	5.694e+05	444.02	-0.06	-552.50	0.0	3.406e+04	5571.93	-4.72	-5165.08	444.02	2.568e+05

		2.568e+05	8.93	-2.40e-04	0.0	92.1	3.406e+04	5019.43	-4.72	-5165.08	8.93	5.694e+05
378	324	6.337e+05	736.30	-0.06	-552.50	0.0	3.219e+04	5556.98	-8.14	-6727.52	736.30	3.219e+05
		3.219e+05	-13.39	-1.04e-04	0.0	92.1	3.219e+04	5004.48	-8.14	-6727.52	-13.39	6.337e+05
378	326	4.197e+05	-979.33	-0.04	-552.50	0.0	4.275e+04	6501.93	6.68	-8904.79	-1657.33	1.687e+05
		1.687e+05	-1657.33	1.57e-04	0.0	92.1	4.275e+04	5949.43	6.68	-8904.79	-979.33	4.197e+05
378	327	8.477e+05	3129.94	-0.08	-552.50	0.0	2.163e+04	4612.04	-22.96	-4550.24	3129.94	4.751e+05
		4.751e+05	952.55	-3.64e-04	0.0	92.1	2.163e+04	4059.54	-22.96	-4550.24	952.55	8.477e+05
378	334	4.195e+05	-923.35	-0.04	-552.50	0.0	4.280e+04	6502.85	6.51	-9143.38	-1590.10	1.685e+05
		1.685e+05	-1590.10	1.11e-04	0.0	92.1	4.280e+04	5950.35	6.51	-9143.38	-923.35	4.195e+05
378	335	8.479e+05	3062.71	-0.08	-552.50	0.0	2.158e+04	4611.12	-22.80	-4311.65	3062.71	4.752e+05
		4.752e+05	896.57	-3.19e-04	0.0	92.1	2.158e+04	4058.62	-22.80	-4311.65	896.57	8.479e+05
378	338	4.196e+05	-880.07	-0.04	-552.50	0.0	4.277e+04	6506.39	5.20	-9316.45	-1563.89	1.678e+05
		1.678e+05	-1563.89	3.32e-04	0.0	92.1	4.277e+04	5953.89	5.20	-9316.45	-880.07	4.196e+05
378	363	7.438e+05	1920.26	-0.07	-552.50	0.0	2.685e+04	5072.96	-14.93	-5539.80	1920.26	4.007e+05
		4.007e+05	451.93	-3.43e-04	0.0	92.1	2.685e+04	4520.46	-14.93	-5539.80	451.93	7.438e+05
378	366	5.233e+05	-413.26	-0.05	-552.50	0.0	3.754e+04	6040.53	-0.96	-7951.09	-413.26	2.428e+05
		2.428e+05	-443.47	7.36e-05	0.0	92.1	3.754e+04	5488.03	-0.96	-7951.09	-443.47	5.233e+05
378	367	7.441e+05	1885.87	-0.07	-552.50	0.0	2.683e+04	5073.44	-15.32	-5503.95	1885.87	4.009e+05
		4.009e+05	416.69	-2.81e-04	0.0	92.1	2.683e+04	4520.94	-15.32	-5503.95	416.69	7.441e+05
378	370	5.235e+05	-414.12	-0.05	-552.50	0.0	3.755e+04	6041.46	-1.44	-8035.59	-414.12	2.429e+05
		2.429e+05	-451.41	1.13e-04	0.0	92.1	3.755e+04	5488.96	-1.44	-8035.59	-451.41	5.235e+05
378	371	7.439e+05	1886.73	-0.07	-552.50	0.0	2.683e+04	5072.51	-14.85	-5419.44	1886.73	4.008e+05
		4.008e+05	424.63	-3.21e-04	0.0	92.1	2.683e+04	4520.01	-14.85	-5419.44	424.63	7.439e+05
378	382	5.974e+05	-354.46	-0.06	-552.50	0.0	3.390e+04	5715.94	-11.38	-7997.65	-354.46	2.937e+05
		2.937e+05	-592.97	6.00e-04	0.0	92.1	3.390e+04	5163.44	-11.38	-7997.65	-592.97	5.974e+05
379	17	1.526e+06	-3979.77	-0.14	-745.88	0.0	7.527e+04	9387.47	137.67	-1.463e+04	-1.666e+04	1.003e+06
		1.003e+06	-1.666e+04	8.87e-04	0.0	92.1	7.527e+04	8641.59	137.67	-1.463e+04	-3979.77	1.526e+06
379	48	6.762e+05	-2561.89	-0.07	-552.50	0.0	3.970e+04	6449.96	-0.24	-1.285e+04	-2561.89	3.117e+05
		3.117e+05	-2583.98	3.25e-04	0.0	92.1	3.970e+04	5897.46	-0.24	-1.285e+04	-2583.98	6.762e+05
379	126	6.412e+05	-902.15	-0.06	-552.50	0.0	3.063e+04	5377.78	4.68	4399.61	-1332.70	3.411e+05
		3.411e+05	-1332.70	4.93e-04	0.0	92.1	3.063e+04	4825.28	4.68	4399.61	-902.15	6.412e+05
379	177	1.210e+06	1307.58	-0.11	-745.87	0.0	5.916e+04	6767.03	152.87	3.607e+04	-1.277e+04	8.413e+05
		8.413e+05	-1.277e+04	4.48e-04	0.0	92.1	5.916e+04	6021.15	152.87	3.607e+04	1307.58	1.210e+06
379	187	2.798e+06	-6694.40	-0.30	-745.88	0.0	1.106e+05	2.299e+04	-10.35	-1.163e+05	-6694.40	1.468e+06
		1.468e+06	-7647.62	1.99e-03	0.0	92.1	1.106e+05	2.224e+04	-10.35	-1.163e+05	-7647.62	2.798e+06
379	231	5.603e+05	-120.33	-0.06	-552.50	0.0	3.420e+04	5558.12	6.47	8156.37	-716.06	2.480e+05
		2.480e+05	-716.06	8.61e-05	0.0	92.1	3.420e+04	5005.62	6.47	8156.37	-120.33	5.603e+05
379	269	6.496e+05	-483.84	-0.07	-552.50	0.0	3.167e+04	5543.92	6.22	5913.84	-1056.75	3.390e+05
		3.390e+05	-1056.75	3.73e-04	0.0	92.1	3.167e+04	4991.42	6.22	5913.84	-483.84	6.496e+05
379	295	8.930e+05	994.18	-0.08	-552.50	0.0	4.378e+04	4994.37	113.22	2.654e+04	-9431.26	6.210e+05
		6.210e+05	-9431.26	3.10e-04	0.0	92.1	4.378e+04	4441.87	113.22	2.654e+04	994.18	8.930e+05
379	300	1.835e+06	-1797.79	-0.20	-552.50	0.0	6.992e+04	1.506e+04	2.33	-4.971e+04	-2012.40	9.656e+05
		9.656e+05	-2012.40	1.18e-03	0.0	92.1	6.992e+04	1.451e+04	2.33	-4.971e+04	-1797.79	1.835e+06
379	310	6.341e+05	-411.65	-0.06	-552.50	0.0	3.217e+04	5554.87	6.38	6395.03	-999.03	3.227e+05
		3.227e+05	-999.03	3.17e-04	0.0	92.1	3.217e+04	5002.37	6.38	6395.03	-411.65	6.341e+05
379	312	8.186e+05	1032.11	-0.07	-552.50	0.0	4.115e+04	5131.47	87.18	2.117e+04	-6995.58	5.368e+05
		5.368e+05	-6995.58	1.33e-04	0.0	92.1	4.115e+04	4578.97	87.18	2.117e+04	1032.11	8.186e+05
379	313	1.525e+06	-1061.87	-0.17	-552.50	0.0	6.076e+04	1.268e+04	4.01	-3.601e+04	-1431.43	7.952e+05
		7.952e+05	-1431.43	7.84e-04	0.0	92.1	6.076e+04	1.213e+04	4.01	-3.601e+04	-1061.87	1.525e+06
379	316	5.693e+05	246.88	-0.06	-552.50	0.0	3.397e+04	5560.72	7.95	8030.36	-485.62	2.566e+05
		2.566e+05	-485.62	-7.24e-05	0.0	92.1	3.397e+04	5008.22	7.95	8030.36	246.88	5.693e+05
379	324	6.337e+05	13.39	-0.06	-552.50	0.0	3.219e+04	5556.98	8.14	6727.52	-736.30	3.219e+05
		3.219e+05	-736.30	1.04e-04	0.0	92.1	3.219e+04	5004.48	8.14	6727.52	13.39	6.337e+05
379	325	4.174e+05	1518.23	-0.04	-552.50	0.0	4.282e+04	6505.67	-7.31	9285.43	1518.23	1.659e+05
		1.659e+05	921.90	-1.12e-04	0.0	92.1	4.282e+04	5953.17	-7.31	9285.43	921.90	4.174e+05
379	328	8.501e+05	-895.12	-0.08	-552.50	0.0	2.156e+04	4608.30	23.60	4169.60	-2990.83	4.778e+05
		4.778e+05	-2990.83	3.20e-04	0.0	92.1	2.156e+04	4055.80	23.60	4169.60	-895.12	8.501e+05
379	337	4.198e+05	1631.11	-0.04	-552.50	0.0	4.273e+04	6505.47	-5.36	9077.86	1631.11	1.680e+05
		1.680e+05	936.05	-3.78e-04	0.0	92.1	4.273e+04	5952.97	-5.36	9077.86	936.05	4.198e+05
379	340	8.476e+05	-909.27	-0.08	-552.50	0.0	2.165e+04	4608.50	21.64	4377.17	-3103.72	4.757e+05
		4.757e+05	-3103.72	5.85e-04	0.0	92.1	2.165e+04	4056.00	21.64	4377.17	-909.27	8.476e+05
379	357	5.233e+05	443.47	-0.05	-552.50	0.0	3.754e+04	6040.53	0.96	7951.08	443.47	2.428e+05
		2.428e+05	413.26	-7.36e-05	0.0	92.1	3.754e+04	5488.03	0.96	7951.08	413.26	5.233e+05
379	360	7.441e+05	-416.69	-0.07	-552.50	0.0	2.683e+04	5073.44	15.32	5503.95	-1885.87	4.009e+05
		4.009e+05	-1885.87	2.81e-04	0.0	92.1	2.683e+04	4520.94	15.32	5503.95	-416.69	7.441e+05
379	361	5.235e+05	451.41	-0.05	-552.50	0.0	3.755e+04	6041.46	1.44	8035.59	451.41	2.429e+05
		2.429e+05	414.12	-1.13e-04	0.0	92.1	3.755e+04	5488.96	1.44	8035.59	414.12	5.235e+05
379	364	7.439e+05	-424.63	-0.07	-552.50	0.0	2.683e+04	5072.50	14.85	5419.45	-1886.73	4.008e+05
		4.008e+05	-1886.73	3.21e-04	0.0	92.1	2.683e+04	4520.00	14.85	5419.45	-424.63	7.439e+05
379	372	7.438e+05	-451.93	-0.07	-552.50	0.0	2.685e+04	5072.96	14.93	5539.80	-1920.26	4.007e+05
		4.007e+05	-1920.26	3.43e-04	0.0	92.1	2.685e+04	4520.46	14.93	5539.80	-451.93	7.438e+05
379	385	5.974e+05	592.97	-0.06	-552.50	0.0	3.390e+04	5715.94	11.38	7997.64	592.97	5.974e+05
		2.937e+05	354.46	-6.00e-04	0.0	92.1	3.390e+04	5163.44	11.38	7997.64	592.97	5.974e+05
380	48	6.424e+05	4430.59	-0.07	-552.50	0.0	3.788e+04	6213.73	-42.51	-2.156e+04	4430.59	2.961e+05
		2.961e+05	516.28	6.58e-04	0.0	92.1	3.788e+04	5661.23	-42.51	-2.156e+04	516.28	6.424e+05
380	117	2.305e+06	9604.32	-0.24	-745.88	0.0	9.304e+04	1.896e+04	-125.40	-7.500e+04	9604.32	1.232e+06
		1.232e+06	-1942.50	2.65e-03	0.0	92.1	9.304e+04	1.821e+04	-125.40	-7.500e+04	-1942.50	2.305e+06

380	126	6.516e+05	4145.51	-0.06	-552.50	0.0	3.110e+04	5507.42	-30.05	-1259.43	4145.51	3.501e+05
		3.501e+05	1378.57	7.84e-04	0.0	92.1	3.110e+04	4954.92	-30.05	-1259.43	1378.57	6.516e+05
380	150	2.361e+06	5251.84	-0.25	-552.50	0.0	8.817e+04	1.925e+04	-141.75	-1.252e+05	5251.84	1.268e+06
		1.268e+06	-7801.19	3.18e-03	0.0	92.1	8.817e+04	1.869e+04	-141.75	-1.252e+05	-7801.19	2.361e+06
380	187	2.617e+06	9214.03	-0.28	-745.88	0.0	1.014e+05	2.144e+04	-88.16	-1.231e+05	9214.03	1.402e+06
		1.402e+06	-5275.96	3.25e-03	-138.40	92.1	1.014e+05	2.069e+04	-226.56	-1.231e+05	-5275.96	2.617e+06
380	231	5.741e+05	5659.55	-0.06	-552.50	0.0	3.491e+04	5634.68	-32.95	263.86	5659.55	2.607e+05
		2.607e+05	2625.08	4.02e-04	0.0	92.1	3.491e+04	5082.18	-32.95	263.86	2625.08	5.741e+05
380	265	1.629e+06	6932.95	-0.17	-552.50	0.0	6.499e+04	1.338e+04	-82.81	-4.022e+04	6932.95	8.725e+05
		8.725e+05	-692.47	1.79e-03	0.0	92.1	6.499e+04	1.283e+04	-82.81	-4.022e+04	-692.47	1.629e+06
380	269	6.647e+05	5366.23	-0.07	-552.50	0.0	3.253e+04	5658.33	-32.52	-166.26	5366.23	3.536e+05
		3.536e+05	2371.54	6.95e-04	0.0	92.1	3.253e+04	5105.83	-32.52	-166.26	2371.54	6.647e+05
380	281	1.776e+06	6204.96	-0.19	-552.50	0.0	6.685e+04	1.449e+04	-92.57	-5.326e+04	6204.96	9.570e+05
		9.570e+05	-2318.90	2.11e-03	0.0	92.1	6.685e+04	1.394e+04	-92.57	-5.326e+04	-2318.90	1.776e+06
380	300	1.780e+06	6703.19	-0.19	-552.50	0.0	6.705e+04	1.452e+04	-47.13	-5.264e+04	6703.19	9.579e+05
		9.579e+05	-1884.99	2.03e-03	-92.27	92.1	6.705e+04	1.397e+04	-139.40	-5.264e+04	-1884.99	1.780e+06
380	310	6.494e+05	5417.31	-0.06	-552.50	0.0	3.304e+04	5669.35	-32.43	-76.24	5417.31	3.370e+05
		3.370e+05	2431.29	6.39e-04	0.0	92.1	3.304e+04	5116.85	-32.43	-76.24	2431.29	6.494e+05
380	313	1.485e+06	6273.07	-0.16	-552.50	0.0	5.876e+04	1.229e+04	-76.04	-3.968e+04	6273.07	7.906e+05
		7.906e+05	-729.08	1.50e-03	0.0	92.1	5.876e+04	1.174e+04	-76.04	-3.968e+04	-729.08	1.485e+06
380	316	5.827e+05	5875.94	-0.06	-552.50	0.0	3.474e+04	5635.48	-31.77	161.24	5875.94	2.683e+05
		2.683e+05	2950.75	2.50e-04	0.0	92.1	3.474e+04	5082.98	-31.77	161.24	2950.75	5.827e+05
380	324	6.486e+05	5656.58	-0.06	-552.50	0.0	3.309e+04	5663.06	-31.10	83.13	5656.58	3.350e+05
		3.350e+05	2792.91	4.32e-04	0.0	92.1	3.309e+04	5110.56	-31.10	83.13	2792.91	6.486e+05
380	325	4.215e+05	5056.58	-0.04	-552.50	0.0	4.383e+04	4640.66	-16.03	-2974.27	4273.87	1.738e+05
		1.738e+05	4273.87	2.58e-04	0.0	92.1	4.383e+04	4088.16	-16.03	-2974.27	5056.58	4.215e+05
380	328	8.757e+05	7039.30	-0.09	-552.50	0.0	2.235e+04	6685.46	-46.17	3140.52	7039.30	4.961e+05
		4.961e+05	529.24	6.05e-04	0.0	92.1	2.235e+04	6132.96	-46.17	3140.52	529.24	8.757e+05
380	336	8.750e+05	5539.84	-0.09	-552.50	0.0	2.247e+04	6678.00	-46.23	2992.90	5539.84	4.954e+05
		4.954e+05	527.63	6.46e-04	0.0	92.1	2.247e+04	6125.50	-46.23	2992.90	527.63	8.750e+05
380	351	6.921e+05	7996.78	-0.07	-552.50	0.0	3.034e+04	5882.76	-16.81	2481.94	7996.78	3.567e+05
		3.567e+05	3531.27	-9.26e-04	0.0	92.1	3.034e+04	5330.26	-16.81	2481.94	3531.27	6.921e+05
380	357	5.319e+05	4952.94	-0.05	-552.50	0.0	3.851e+04	5144.20	-22.66	-1592.06	4952.94	2.534e+05
		2.534e+05	3872.87	2.76e-04	0.0	92.1	3.851e+04	4591.70	-22.66	-1592.06	3872.87	5.319e+05
380	360	7.652e+05	6360.22	-0.08	-552.50	0.0	2.768e+04	6181.92	-39.54	1758.31	6360.22	4.165e+05
		4.165e+05	1712.96	5.87e-04	0.0	92.1	2.768e+04	5629.42	-39.54	1758.31	1712.96	7.652e+05
380	361	5.324e+05	5583.27	-0.05	-552.50	0.0	3.851e+04	5141.51	-21.97	-1545.94	5583.27	2.535e+05
		2.535e+05	3905.66	2.38e-04	0.0	92.1	3.851e+04	4589.01	-21.97	-1545.94	3905.66	5.324e+05
380	364	7.647e+05	5729.90	-0.08	-552.50	0.0	2.768e+04	6184.60	-40.23	1712.19	5729.90	4.164e+05
		4.164e+05	1680.16	6.25e-04	0.0	92.1	2.768e+04	5632.10	-40.23	1712.19	1680.16	7.647e+05
380	372	7.644e+05	4963.99	-0.08	-552.50	0.0	2.774e+04	6180.89	-40.26	1635.32	4963.99	4.161e+05
		4.161e+05	1679.50	6.45e-04	0.0	92.1	2.774e+04	5628.39	-40.26	1635.32	1679.50	7.644e+05
380	376	6.951e+05	6832.32	-0.07	-552.50	0.0	3.129e+04	5846.48	-39.66	119.85	6832.32	3.704e+05
		3.704e+05	1993.37	9.74e-04	0.0	92.1	3.129e+04	5293.98	-39.66	119.85	1993.37	6.951e+05
381	17	1.450e+06	-1.245e+04	-0.19	-745.88	0.0	6.561e+04	1.687e+04	212.79	-7.913e+04	-3.204e+04	4.638e+05
		4.638e+05	-3.204e+04	3.73e-04	0.0	92.1	6.561e+04	1.613e+04	212.79	-7.913e+04	-1.412e+04	-7.897e+04
381	50	6.774e+05	-7729.10	-0.12	-552.50	0.0	4.265e+04	1.239e+04	69.43	-6.138e+04	-1.412e+04	-7.897e+04
		-7.897e+04	-1.412e+04	1.90e-04	0.0	92.1	4.265e+04	1.184e+04	69.43	-6.138e+04	-7729.10	6.774e+05
381	149	2.183e+06	-1.309e+04	-0.40	-745.88	0.0	8.601e+04	3.113e+04	-16.46	-1.673e+05	-1.795e+04	3.146e+05
		3.146e+05	-1.804e+04	-2.87e-04	138.40	92.1	8.601e+04	3.038e+04	121.94	-1.673e+05	-1.309e+04	2.183e+06
381	164	4.442e+05	-4866.52	-0.07	-552.50	0.0	2.110e+04	6842.14	33.21	-1.139e+04	-7924.98	3.993e+04
		3.993e+04	-7924.98	9.28e-05	0.0	92.1	2.110e+04	6289.64	33.21	-1.139e+04	-4866.52	4.442e+05
381	206	4.241e+05	-4582.64	-0.07	-552.50	0.0	2.171e+04	6864.23	39.86	-1.158e+04	-8253.34	1.895e+04
		1.895e+04	-8253.34	-3.14e-04	0.0	92.1	2.171e+04	6311.73	39.86	-1.158e+04	-4582.64	4.241e+05
381	209	4.537e+05	-5828.88	-0.08	-552.50	0.0	2.217e+04	7091.13	31.79	-1.555e+04	-8756.07	3.376e+04
		3.376e+04	-8756.07	-1.28e-04	0.0	92.1	2.217e+04	6538.63	31.79	-1.555e+04	-5828.88	4.537e+05
381	231	3.629e+05	-6262.15	-0.07	-552.50	0.0	2.481e+04	7088.56	52.18	-1.239e+04	-1.107e+04	-6.302e+04
		-6.302e+04	-1.107e+04	-2.24e-04	0.0	92.1	2.481e+04	6536.06	52.18	-1.239e+04	-6262.15	3.629e+05
381	276	8.086e+05	-7890.13	-0.10	-552.50	0.0	3.542e+04	8399.73	103.47	-2.014e+04	-2.167e+04	3.309e+05
		3.309e+05	-2.167e+04	2.53e-04	92.27	92.1	3.542e+04	7847.23	195.73	-2.014e+04	-7890.13	8.086e+05
381	281	1.350e+06	-7797.84	-0.25	-552.50	0.0	5.042e+04	1.894e+04	-12.71	-8.356e+04	-1.088e+04	2.214e+05
		2.214e+05	-1.096e+04	-2.98e-04	92.27	92.1	5.042e+04	1.838e+04	79.56	-8.356e+04	-7797.84	1.350e+06
381	288	4.536e+05	-5844.78	-0.08	-552.50	0.0	2.210e+04	7076.93	32.10	-1.516e+04	-8800.77	3.497e+04
		3.497e+04	-8800.77	-1.76e-04	0.0	92.1	2.210e+04	6524.43	32.10	-1.516e+04	-5844.78	4.536e+05
381	309	4.401e+05	-5656.58	-0.07	-552.50	0.0	2.251e+04	7091.63	36.53	-1.529e+04	-9020.13	2.096e+04
		2.096e+04	-9020.13	-3.36e-04	0.0	92.1	2.251e+04	6539.13	36.53	-1.529e+04	-5656.58	4.401e+05
381	312	7.087e+05	-6804.36	-0.09	-552.50	0.0	3.227e+04	8058.58	125.88	-1.749e+04	-1.840e+04	2.479e+05
		2.479e+05	-1.840e+04	-3.82e-04	0.0	92.1	3.227e+04	7506.08	125.88	-1.749e+04	-6804.36	7.087e+05
381	313	1.115e+06	-6735.14	-0.21	-552.50	0.0	4.352e+04	1.596e+04	38.75	-6.506e+04	-1.030e+04	1.658e+05
		1.658e+05	-1.030e+04	-5.07e-04	0.0	92.1	4.352e+04	1.541e+04	38.75	-6.506e+04	-6735.14	1.115e+06
381	316	3.752e+05	-5968.98	-0.07	-552.50	0.0	2.440e+04	7090.49	51.21	-1.298e+04	-1.040e+04	4.826e+04
		4.826e+04	-1.068e+04	-4.12e-04	0.0	92.1	2.440e+04	6537.99	51.21	-1.298e+04	-5968.98	3.752e+05
381	324	4.401e+05	-5656.58	-0.07	-552.50	0.0	2.251e+04	7091.63	36.53	-1.529e+04	-9020.13	2.096e+04
		2.096e+04	-9020.13	-3.36e-04	0.0	92.1	2.251e+04	6539.13	36.53	-1.529e+04	-5656.58	4.401e+05
381	337	2.831e+05	-4267.41	-0.05	-552.50	0.0	3.000e+04	5977.94	95.51	-8997.66	-1.523e+04	-9.246e+04
		-9.246e+04	-1.523e+04	-7.14e-04	0.0	92.1	3.000e+04	5425.44	95.51	-8997.66	-4267.41	2.831e+05
381	338	2.602e+05	-5535.61	-0.05	-552.50	0.0	3.044e+04	5944.91	82.88	-1.009e+04	-1.302e+04	-1.125e+05

		-1.125e+05	-1.302e+04	2.03e-04	0.0	92.1	3.044e+04	5392.41	82.88	-1.009e+04	-5535.61	2.602e+05	
381	339	6.200e+05	-5018.03	-0.10	-552.50	0.0	1.457e+04	8238.36		-9.82	-2.050e+04	-5018.03	1.545e+05
		1.545e+05	-5777.56	-7.16e-04	0.0	92.1	1.457e+04	7685.86		-9.82	-2.050e+04	-5777.56	6.200e+05
381	340	5.972e+05	-2814.87	-0.10	-552.50	0.0	1.501e+04	8205.33		-22.45	-2.159e+04	-2814.87	1.344e+05
		1.344e+05	-7045.75	1.19e-04	0.0	92.1	1.501e+04	7652.83		-22.45	-2.159e+04	-7045.75	5.972e+05
381	367	5.324e+05	-6360.22	-0.09	-552.50	0.0	1.854e+04	7682.40		11.96	-1.854e+04	-6942.16	8.807e+04
		8.807e+04	-6942.16	-4.86e-04	0.0	92.1	1.854e+04	7129.90		11.96	-1.854e+04	-6360.22	5.324e+05
381	369	3.593e+05	-4958.65	-0.06	-552.50	0.0	2.629e+04	6521.94		66.00	-1.206e+04	-1.212e+04	-3.644e+04
		-3.644e+04	-1.212e+04	-5.22e-04	0.0	92.1	2.629e+04	5969.44		66.00	-1.206e+04	-4958.65	3.593e+05
381	370	3.479e+05	-5583.27	-0.06	-552.50	0.0	2.651e+04	6505.52		59.76	-1.261e+04	-1.103e+04	-4.640e+04
		-4.640e+04	-1.103e+04	-1.46e-04	0.0	92.1	2.651e+04	5953.02		59.76	-1.261e+04	-5583.27	3.479e+05
381	371	5.325e+05	-5729.90	-0.09	-552.50	0.0	1.850e+04	7677.75		13.30	-1.798e+04	-7009.34	8.832e+04
		8.832e+04	-7009.34	-5.26e-04	0.0	92.1	1.850e+04	7125.25		13.30	-1.798e+04	-5729.90	5.325e+05
381	378	3.948e+05	-4480.86	-0.07	-552.50	0.0	2.392e+04	6875.38		38.47	-1.345e+04	-8200.40	-1.352e+04
		-1.352e+04	-8200.40	2.11e-04	0.0	92.1	2.392e+04	6322.88		38.47	-1.345e+04	-4480.86	3.948e+05
382	17	1.325e+06	3.339e+04	-0.18	-745.88	0.0	6.185e+04	1.449e+04		-283.41	-7.514e+04	3.339e+04	4.927e+05
		4.927e+05	7296.77	7.67e-04	0.0	92.1	6.185e+04	1.375e+04		-283.41	-7.514e+04	7296.77	1.325e+06
382	25	2.021e+06	2.007e+04	-0.37	-745.88	0.0	7.746e+04	2.788e+04		-235.98	-1.470e+05	2.007e+04	3.566e+05
		3.566e+05	-1661.94	1.34e-03	0.0	92.1	7.746e+04	2.713e+04		-235.98	-1.470e+05	-1661.94	2.021e+06
382	50	6.205e+05	1.173e+04	-0.11	-552.50	0.0	3.940e+04	1.118e+04		-136.96	-5.170e+04	1.173e+04	5.631e+04
		-5.631e+04	-881.83	6.29e-04	0.0	92.1	3.940e+04	1.062e+04		-136.96	-5.170e+04	-881.83	6.205e+05
382	149	2.021e+06	2.037e+04	-0.37	-745.88	0.0	7.747e+04	2.788e+04		-238.74	-1.480e+05	2.037e+04	3.557e+05
		3.557e+05	-1609.06	1.43e-03	0.0	92.1	7.747e+04	2.713e+04		-238.74	-1.480e+05	-1609.06	2.021e+06
382	164	4.353e+05	4106.76	-0.07	-552.50	0.0	2.056e+04	6626.61		-38.72	323.13	4106.76	4.499e+04
		4.499e+04	541.01	3.10e-04	0.0	92.1	2.056e+04	6074.11		-38.72	323.13	541.01	4.353e+05
382	188	1.863e+06	1.817e+04	-0.34	-552.50	0.0	6.919e+04	2.530e+04		-216.95	-1.445e+05	1.817e+04	3.515e+05
		3.515e+05	-1804.55	1.25e-03	0.0	92.1	6.919e+04	2.474e+04		-216.95	-1.445e+05	-1804.55	1.863e+06
382	219	1.268e+06	1.026e+04	-0.24	-552.50	0.0	4.615e+04	1.729e+04		-117.24	-6.817e+04	1.026e+04	2.407e+05
		2.407e+05	-536.52	6.94e-04	0.0	92.1	4.615e+04	1.673e+04		-117.24	-6.817e+04	-536.52	1.268e+06
382	231	3.474e+05	5288.21	-0.06	-552.50	0.0	2.405e+04	6818.76		-55.96	1094.84	5288.21	-6.107e+04
		-6.107e+04	135.14	1.75e-04	0.0	92.1	2.405e+04	6266.26		-55.96	1094.84	135.14	3.474e+05
382	276	7.518e+05	2.034e+04	-0.10	-552.50	0.0	3.458e+04	7376.98		-154.21	-1.554e+04	2.034e+04	3.409e+05
		3.409e+05	6134.80	3.21e-04	0.0	92.1	3.458e+04	6824.48		-154.21	-1.554e+04	6134.80	7.518e+05
382	281	1.268e+06	1.046e+04	-0.24	-552.50	0.0	4.615e+04	1.729e+04		-119.08	-6.881e+04	1.046e+04	2.401e+05
		2.401e+05	-501.27	7.48e-04	0.0	92.1	4.615e+04	1.674e+04		-119.08	-6.881e+04	-501.27	1.268e+06
382	288	4.368e+05	4233.04	-0.07	-552.50	0.0	2.132e+04	6793.74		-40.20	-1031.08	4233.04	3.576e+04
		3.576e+04	531.30	2.21e-04	0.0	92.1	2.132e+04	6241.24		-40.20	-1031.08	531.30	4.368e+05
382	300	1.268e+06	1.008e+04	-0.24	-552.50	0.0	4.612e+04	1.728e+04		-115.41	-6.771e+04	1.008e+04	2.410e+05
		2.410e+05	-547.17	6.42e-04	0.0	92.1	4.612e+04	1.673e+04		-115.41	-6.771e+04	-547.17	1.268e+06
382	309	4.218e+05	4249.40	-0.07	-552.50	0.0	2.179e+04	6802.68		-38.15	-1347.21	4249.40	1.940e+04
		1.940e+04	736.30	5.31e-05	0.0	92.1	2.179e+04	6250.18		-38.15	-1347.21	736.30	4.218e+05
382	312	6.613e+05	1.599e+04	-0.09	-552.50	0.0	3.163e+04	7232.36		-120.19	-1.143e+04	1.599e+04	2.522e+05
		2.522e+05	4917.33	-1.86e-04	0.0	92.1	3.163e+04	6679.86		-120.19	-1.143e+04	4917.33	6.613e+05
382	313	1.048e+06	8581.77	-0.20	-552.50	0.0	4.030e+04	1.467e+04		-93.84	-5.138e+04	8581.77	1.766e+05
		1.766e+05	-59.73	3.65e-04	0.0	92.1	4.030e+04	1.411e+04		-93.84	-5.138e+04	-59.73	1.048e+06
382	316	3.576e+05	4853.38	-0.07	-552.50	0.0	2.373e+04	6815.13		-47.88	562.99	4853.38	-4.970e+04
		-4.970e+04	444.02	-6.39e-05	0.0	92.1	2.373e+04	6262.63		-47.88	562.99	444.02	3.576e+05
382	324	4.218e+05	4249.40	-0.07	-552.50	0.0	2.179e+04	6802.68		-38.15	-1347.21	4249.40	1.940e+04
		1.940e+04	736.30	5.31e-05	0.0	92.1	2.179e+04	6250.18		-38.15	-1347.21	736.30	4.218e+05
382	326	2.597e+05	6587.99	-0.05	-552.50	0.0	2.952e+04	7841.86		-79.40	-1386.92	6587.99	-1.046e+05
		-1.046e+05	-1657.33	5.10e-04	0.0	92.1	2.952e+04	7289.36		-79.40	-1386.92	-1657.33	2.597e+05
382	334	2.596e+05	6660.81	-0.05	-552.50	0.0	2.956e+04	7843.30		-79.15	-181.06	6660.81	-1.048e+05
		-1.048e+05	-1590.10	5.08e-04	0.0	92.1	2.956e+04	7290.80		-79.15	-181.06	-1590.10	2.596e+05
382	335	5.841e+05	3062.71	-0.10	-552.50	0.0	1.402e+04	5762.06		2.85	-2513.35	1838.00	1.436e+05
		1.436e+05	1838.00	-4.01e-04	0.0	92.1	1.402e+04	5209.56		2.85	-2513.35	3062.71	5.841e+05
382	338	2.582e+05	7277.24	-0.05	-552.50	0.0	2.954e+04	7836.44		-85.79	-1131.11	7277.24	-1.068e+05
		-1.068e+05	-1563.89	7.00e-04	0.0	92.1	2.954e+04	7283.94		-85.79	-1131.11	-1563.89	2.582e+05
382	339	5.855e+05	3036.49	-0.10	-552.50	0.0	1.405e+04	5768.92		9.48	-1563.30	1221.57	1.456e+05
		1.456e+05	1221.57	-5.93e-04	0.0	92.1	1.405e+04	5216.42		9.48	-1563.30	3036.49	5.855e+05
382	354	3.611e+05	9495.88	-0.06	-552.50	0.0	2.432e+04	7129.72		-88.20	-2416.75	9495.88	-3.127e+04
		-3.127e+04	-1451.56	1.48e-03	0.0	92.1	2.432e+04	6577.22		-88.20	-2416.75	-1451.56	3.611e+05
382	362	3.379e+05	5719.50	-0.06	-552.50	0.0	2.568e+04	7330.05		-62.10	-1842.99	5719.50	-4.426e+04
		-4.426e+04	-447.65	3.76e-04	0.0	92.1	2.568e+04	6777.55		-62.10	-1842.99	-447.65	3.379e+05
382	367	5.058e+05	2833.90	-0.08	-552.50	0.0	1.789e+04	6275.78		-15.63	-1864.14	2833.90	8.304e+04
		8.304e+04	1885.87	-2.26e-04	0.0	92.1	1.789e+04	5723.28		-15.63	-1864.14	1885.87	5.058e+05
382	370	3.379e+05	5754.18	-0.06	-552.50	0.0	2.570e+04	7330.75		-61.97	-1235.79	5754.18	-4.437e+04
		-4.437e+04	-414.12	3.76e-04	0.0	92.1	2.570e+04	6778.25		-61.97	-1235.79	-414.12	3.379e+05
382	371	5.058e+05	2744.63	-0.08	-552.50	0.0	1.788e+04	6274.61		-14.34	-1458.63	2744.63	8.317e+04
		8.317e+04	1886.72	-2.70e-04	0.0	92.1	1.788e+04	5722.11		-14.34	-1458.63	1886.72	5.058e+05
382	386	3.909e+05	6845.72	-0.07	-552.50	0.0	2.306e+04	6969.50		-63.01	-1883.00	6845.72	-6084.23
		-6084.23	-344.40	7.64e-04	0.0	92.1	2.306e+04	6417.00		-63.01	-1883.00	-344.40	3.909e+05
383	25	1.869e+06	1597.88	-0.34	-745.88	0.0	6.936e+04	2.524e+04		-89.48	-1.424e+05	1597.88	3.608e+05
		3.608e+05	-6641.64	1.71e-03	0.0	92.1	6.936e+04	2.450e+04		-89.48	-1.424e+05	-6641.64	1.869e+06
383	50	5.263e+05	-4812.46	-0.10	-552.50	0.0	3.498e+04	9857.11		7.84	-6.078e+04	-5534.23	-7.292e+04
		-7.292e+04	-5534.23	2.04e-04	0.0	92.1	3.498e+04	9304.61		7.84	-6.078e+04	-4812.46	5.263e+05
383	126	4.383e+05	-1332.71	-0.07	-552.50	0.0	2.046e+04	6625.16		15.54	-298.00	-2763.52	4.932e+04
		4.932e+04	-2763.52	4.16e-04	0.0	92.1	2.046e+04	6072.66		15.54	-298.00	-1332.71	4.383e+05

383	150	1.711e+06	3493.08	-0.31	-552.50	0.0	6.109e+04	2.266e+04	-108.51	-1.450e+05	3493.08	3.558e+05
		3.558e+05	-6499.04	1.81e-03	0.0	92.1	6.109e+04	2.211e+04	-108.51	-1.450e+05	-6499.04	1.711e+06
383	177	9.759e+05	-1.277e+04	-0.13	-745.88	0.0	4.373e+04	1.032e+04	137.29	-4298.03	-2.541e+04	3.921e+05
		3.921e+05	-2.541e+04	6.19e-04	0.0	92.1	4.373e+04	9573.64	137.29	-4298.03	-1.277e+04	9.759e+05
383	187	1.869e+06	1290.80	-0.34	-745.88	0.0	6.936e+04	2.524e+04	-86.72	-1.415e+05	1290.80	3.600e+05
		3.600e+05	-6694.52	1.63e-03	0.0	92.1	6.936e+04	2.450e+04	-86.72	-1.415e+05	-6694.52	1.869e+06
383	219	1.226e+06	701.67	-0.22	-552.50	0.0	4.330e+04	1.629e+04	-29.09	-5.945e+04	701.67	2.581e+05
		2.581e+05	-1977.20	1.03e-03	0.0	92.1	4.330e+04	1.574e+04	-29.09	-5.945e+04	-1977.20	1.226e+06
383	231	3.483e+05	-716.05	-0.06	-552.50	0.0	2.393e+04	6799.17	55.06	2409.64	-5786.19	-5.907e+04
		-5.907e+04	-5786.19	-1.22e-04	0.0	92.1	2.393e+04	6246.67	55.06	2409.64	-716.05	3.483e+05
383	269	4.388e+05	-1056.76	-0.07	-552.50	0.0	2.125e+04	6792.78	24.81	1047.76	-3341.50	3.863e+04
		3.863e+04	-3341.50	2.61e-04	0.0	92.1	2.125e+04	6240.28	24.81	1047.76	-1056.76	4.388e+05
383	281	1.226e+06	880.80	-0.22	-552.50	0.0	4.328e+04	1.628e+04	-30.92	-5.991e+04	880.80	2.584e+05
		2.584e+05	-1966.56	1.08e-03	0.0	92.1	4.328e+04	1.573e+04	-30.92	-5.991e+04	-1966.56	1.226e+06
383	295	7.204e+05	-9431.25	-0.09	-552.50	0.0	3.238e+04	7625.97	102.43	-3401.86	-1.886e+04	2.890e+05
		2.890e+05	-1.886e+04	4.43e-04	0.0	92.1	3.238e+04	7073.47	102.43	-3401.86	-9431.25	7.204e+05
383	300	1.226e+06	496.95	-0.22	-552.50	0.0	4.331e+04	1.629e+04	-27.25	-5.881e+04	496.95	2.575e+05
		2.575e+05	-2012.45	9.77e-04	0.0	92.1	4.331e+04	1.574e+04	-27.25	-5.881e+04	-2012.45	1.226e+06
383	310	4.228e+05	-999.03	-0.07	-552.50	0.0	2.176e+04	6802.20	30.46	1355.55	-3803.64	2.084e+04
		2.084e+04	-3803.64	1.88e-04	0.0	92.1	2.176e+04	6249.70	30.46	1355.55	-999.03	4.228e+05
383	312	6.362e+05	-6995.57	-0.09	-552.50	0.0	3.003e+04	7419.82	92.90	-2785.89	-1.555e+04	2.111e+05
		2.111e+05	-1.555e+04	2.52e-04	0.0	92.1	3.003e+04	6867.32	92.90	-2785.89	-6995.57	6.362e+05
383	313	1.015e+06	-1029.61	-0.19	-552.50	0.0	3.822e+04	1.392e+04	-4.36	-4.434e+04	-1029.61	1.875e+05
		1.875e+05	-1431.47	5.67e-04	0.0	92.1	3.822e+04	1.337e+04	-4.36	-4.434e+04	-1431.47	1.015e+06
383	316	3.568e+05	-485.61	-0.07	-552.50	0.0	2.369e+04	6801.16	58.75	2052.85	-5895.51	-5.035e+04
		-5.035e+04	-5895.51	-2.98e-04	0.0	92.1	2.369e+04	6248.66	58.75	2052.85	-485.61	3.568e+05
383	324	4.218e+05	-736.30	-0.07	-552.50	0.0	2.179e+04	6802.68	38.15	1347.21	-4249.40	1.940e+04
		1.940e+04	-4249.40	-5.31e-05	0.0	92.1	2.179e+04	6250.18	38.15	1347.21	-736.30	4.218e+05
383	325	2.571e+05	1518.23	-0.05	-552.50	0.0	2.957e+04	7842.95	79.46	142.94	-6636.49	-1.068e+05
		-1.068e+05	-6636.49	-5.08e-04	0.0	92.1	2.957e+04	7290.45	79.46	142.94	1518.23	2.571e+05
383	328	5.865e+05	-1862.32	-0.10	-552.50	0.0	1.401e+04	5762.41	-3.16	2551.47	-1862.32	1.456e+05
		1.456e+05	-2990.83	4.01e-04	0.0	92.1	1.401e+04	5209.91	-3.16	2551.47	-2990.83	5.865e+05
383	337	2.583e+05	1631.12	-0.05	-552.50	0.0	2.950e+04	7835.01	86.03	2336.97	-7204.41	-1.066e+05
		-1.066e+05	-7204.41	-7.02e-04	0.0	92.1	2.950e+04	7282.51	86.03	2336.97	1631.12	2.583e+05
383	349	3.611e+05	1451.55	-0.06	-552.50	0.0	2.432e+04	7129.73	88.20	2416.74	-9495.85	-3.127e+04
		-3.127e+04	-9495.85	-1.48e-03	0.0	92.1	2.432e+04	6577.23	88.20	2416.74	1451.55	3.611e+05
383	360	5.058e+05	-1885.87	-0.08	-552.50	0.0	1.789e+04	6275.78	15.63	1864.14	-2833.90	8.304e+04
		8.304e+04	-2833.90	2.26e-04	0.0	92.1	1.789e+04	5723.28	15.63	1864.14	-1885.87	5.058e+05
383	361	3.379e+05	414.12	-0.06	-552.50	0.0	2.570e+04	7330.75	61.97	1235.79	-5754.18	-4.437e+04
		-4.437e+04	-5754.18	-3.76e-04	0.0	92.1	2.570e+04	6778.25	61.97	1235.79	414.12	3.379e+05
383	364	5.058e+05	-1886.72	-0.08	-552.50	0.0	1.788e+04	6274.61	14.34	1458.63	-2744.63	2.70e-04
		2.70e-04	-2744.63	2.70e-04	0.0	92.1	1.788e+04	5722.11	14.34	1458.63	-1886.72	5.058e+05
383	369	3.379e+05	447.65	-0.06	-552.50	0.0	2.568e+04	7330.05	62.10	1842.99	-5719.49	-4.426e+04
		-4.426e+04	-5719.49	-3.76e-04	0.0	92.1	2.568e+04	6777.55	62.10	1842.99	447.65	3.379e+05
383	381	3.909e+05	344.40	-0.07	-552.50	0.0	2.306e+04	6969.50	63.01	1883.00	-6845.71	-6084.25
		-6084.25	-6845.71	-7.64e-04	0.0	92.1	2.306e+04	6417.00	63.01	1883.00	344.40	3.909e+05
384	17	1.113e+06	2.840e+04	-0.15	-745.88	0.0	4.866e+04	1.312e+04	-225.81	-4.660e+04	2.840e+04	3.623e+05
		3.623e+05	7606.55	1.45e-03	0.0	92.1	4.866e+04	1.238e+04	-225.81	-4.660e+04	7606.55	1.113e+06
384	50	4.645e+05	1.508e+04	-0.09	-552.50	0.0	3.175e+04	9004.44	-114.70	-4.136e+04	1.508e+04	-7.868e+04
		-7.868e+04	4513.09	6.68e-04	0.0	92.1	3.175e+04	8451.94	-114.70	-4.136e+04	4513.09	4.645e+05
384	60	4.997e+05	9759.37	-0.08	-552.50	0.0	2.397e+04	7750.13	-62.27	-9480.30	9759.37	4.661e+04
		4.661e+04	4025.24	9.20e-04	0.0	92.1	2.397e+04	7197.63	-62.27	-9480.30	4025.24	4.997e+05
384	126	4.536e+05	7611.43	-0.07	-552.50	0.0	2.067e+04	6856.26	-37.64	1.142e+04	7611.43	5.545e+04
		5.545e+04	4145.50	7.55e-04	0.0	92.1	2.067e+04	6303.76	-37.64	1.142e+04	4145.50	4.536e+05
384	187	1.789e+06	2.542e+04	-0.31	-745.88	0.0	6.321e+04	2.383e+04	-106.80	-1.015e+05	2.542e+04	3.924e+05
		3.924e+05	9213.84	2.85e-03	-138.40	92.1	6.321e+04	2.309e+04	-245.20	-1.015e+05	9213.84	1.789e+06
384	208	4.568e+05	8605.31	-0.08	-552.50	0.0	2.196e+04	7101.02	-36.03	1.551e+04	8605.31	4.129e+04
		4.129e+04	5287.31	6.53e-04	0.0	92.1	2.196e+04	6548.52	-36.03	1.551e+04	5287.31	4.568e+05
384	231	3.653e+05	1.032e+04	-0.07	-552.50	0.0	2.455e+04	7056.23	-50.64	1.576e+04	1.032e+04	-5.843e+04
		-5.843e+04	5659.56	2.79e-04	0.0	92.1	2.455e+04	6503.73	-50.64	1.576e+04	5659.56	3.653e+05
384	269	4.597e+05	8592.66	-0.08	-552.50	0.0	2.181e+04	7086.30	-35.04	1.519e+04	8592.66	4.527e+04
		4.527e+04	5366.22	6.29e-04	0.0	92.1	2.181e+04	6533.80	-35.04	1.519e+04	5366.22	4.597e+05
384	295	7.187e+05	1.752e+04	-0.09	-552.50	0.0	3.067e+04	8094.55	-78.04	6472.99	1.752e+04	2.601e+05
		2.601e+05	6083.78	7.00e-04	-92.27	92.1	3.067e+04	7542.05	-170.31	6472.99	6083.78	7.187e+05
384	300	1.218e+06	1.496e+04	-0.21	-552.50	0.0	4.134e+04	1.601e+04	-43.53	-3.610e+04	1.496e+04	2.834e+05
		2.834e+05	6703.10	1.79e-03	-92.27	92.1	4.134e+04	1.545e+04	-135.80	-3.610e+04	6703.10	1.218e+06
384	310	4.432e+05	8916.08	-0.07	-552.50	0.0	2.236e+04	7096.32	-38.00	1.531e+04	8916.08	2.611e+04
		2.611e+04	5417.31	5.63e-04	0.0	92.1	2.236e+04	6543.82	-38.00	1.531e+04	5417.31	4.432e+05
384	312	6.367e+05	1.544e+04	-0.09	-552.50	0.0	2.893e+04	7822.66	-104.61	7223.14	1.544e+04	1.871e+05
		1.871e+05	5808.52	4.68e-04	0.0	92.1	2.893e+04	7270.16	-104.61	7223.14	5808.52	6.367e+05
384	313	1.011e+06	1.352e+04	-0.18	-552.50	0.0	3.693e+04	1.376e+04	-78.72	-2.470e+04	1.352e+04	2.046e+05
		2.046e+05	6273.01	1.29e-03	0.0	92.1	3.693e+04	1.320e+04	-78.72	-2.470e+04	6273.01	1.011e+06
384	316	3.723e+05	1.028e+04	-0.07	-552.50	0.0	2.442e+04	7059.21	-47.85	1.548e+04	1.028e+04	-5.254e+04
		-5.254e+04	5875.95	1.13e-04	0.0	92.1	2.442e+04	6506.71	-47.85	1.548e+04	5875.95	3.723e+05
384	324	4.401e+05	9020.13	-0.07	-552.50	0.0	2.251e+04	7091.63	-36.53	1.529e+04	9020.13	2.096e+04
		2.096e+04	5656.58	3.36e-04	0.0	92.1	2.251e+04	6539.13	-36.53	1.529e+04	5656.58	4.401e+05
384	329	2.602e+05	1.302e+04	-0.05	-552.50	0.0	3.044e+04	5944.91	-82.88	1.009e+04	1.302e+04	-1.125e+05

		-1.125e+05	5535.61	-2.03e-04	0.0	92.1	3.044e+04	5392.41	-82.88	1.009e+04	5535.61	2.602e+05
384	330	2.831e+05	1.523e+04	-0.05	-552.50	0.0	3.000e+04	5977.94	-95.51	8997.67	1.523e+04	-9.246e+04
		-9.246e+04	4267.41	7.14e-04	0.0	92.1	3.000e+04	5425.44	-95.51	8997.67	4267.41	2.831e+05
384	331	5.972e+05	7045.76	-0.10	-552.50	0.0	1.501e+04	8205.33	22.45	2.159e+04	2814.86	1.344e+05
		1.344e+05	2814.86	-1.19e-04	0.0	92.1	1.501e+04	7652.83	22.45	2.159e+04	7045.76	5.972e+05
384	332	6.200e+05	5777.56	-0.10	-552.50	0.0	1.457e+04	8238.36	9.82	2.050e+04	5018.05	1.545e+05
		1.545e+05	5018.05	7.16e-04	0.0	92.1	1.457e+04	7685.86	9.82	2.050e+04	5777.56	6.200e+05
384	360	5.324e+05	6942.16	-0.09	-552.50	0.0	1.854e+04	7682.40	-11.96	1.854e+04	6942.16	8.807e+04
		8.807e+04	6360.22	4.86e-04	0.0	92.1	1.854e+04	7129.90	-11.96	1.854e+04	6360.22	5.324e+05
384	361	3.479e+05	1.103e+04	-0.06	-552.50	0.0	2.651e+04	6505.52	-59.76	1.261e+04	1.103e+04	-4.640e+04
		-4.640e+04	5583.27	1.46e-04	0.0	92.1	2.651e+04	5953.02	-59.76	1.261e+04	5583.27	3.479e+05
384	362	3.593e+05	1.212e+04	-0.06	-552.50	0.0	2.629e+04	6521.94	-66.00	1.206e+04	1.212e+04	-3.644e+04
		-3.644e+04	4958.65	5.22e-04	0.0	92.1	2.629e+04	5969.44	-66.00	1.206e+04	4958.65	3.593e+05
384	364	5.323e+05	7009.35	-0.09	-552.50	0.0	1.850e+04	7677.75	-13.30	1.798e+04	7009.35	8.832e+04
		8.832e+04	5729.90	5.26e-04	0.0	92.1	1.850e+04	7125.25	-13.30	1.798e+04	5729.90	5.323e+05
384	373	3.948e+05	8200.40	-0.07	-552.50	0.0	2.392e+04	6875.38	-38.47	1.345e+04	8200.40	-1.352e+04
		-1.352e+04	4480.85	-2.11e-04	0.0	92.1	2.392e+04	6322.88	-38.47	1.345e+04	4480.85	3.948e+05
385	98	6.472e+05	-7853.08	0.12	-552.50	0.0	5.584e+04	-1.183e+04	-75.51	6.079e+04	-7853.08	6.472e+05
		-1.114e+05	-1.481e+04	2.37e-04	0.0	92.1	5.584e+04	-1.238e+04	-75.51	6.079e+04	-1.481e+04	-1.114e+05
385	127	2.651e+06	-1.526e+04	0.39	-745.88	0.0	1.365e+05	-3.585e+04	-109.37	1.760e+05	-1.526e+04	2.651e+06
		4.566e+05	-1.923e+04	7.22e-04	138.40	92.1	1.365e+05	-3.659e+04	29.03	1.760e+05	-1.896e+04	4.566e+05
385	206	4.241e+05	-4582.64	0.07	-552.50	0.0	2.858e+04	-6311.73	-39.86	1.158e+04	-4582.64	4.241e+05
		1.895e+04	-8253.29	3.36e-04	0.0	92.1	2.858e+04	-6864.23	-39.86	1.158e+04	-8253.29	1.895e+04
385	207	4.245e+05	-5946.11	0.07	-552.50	0.0	3.002e+04	-6531.31	-37.51	1.508e+04	-5946.11	4.245e+05
		2343.55	-9400.23	2.03e-04	0.0	92.1	3.002e+04	-7083.81	-37.51	1.508e+04	-9400.23	2343.55
385	255	3.435e+05	-6342.32	0.06	-552.50	0.0	3.226e+04	-6532.11	-56.11	1.201e+04	-6342.32	3.435e+05
		-8.390e+04	-1.151e+04	3.00e-04	0.0	92.1	3.226e+04	-7084.61	-56.11	1.201e+04	-1.151e+04	-8.390e+04
385	270	1.964e+06	-1.109e+04	0.29	-552.50	0.0	1.010e+05	-2.653e+04	-76.38	1.298e+05	-1.109e+04	1.964e+06
		3.403e+05	-1.400e+04	5.52e-04	92.27	92.1	1.010e+05	-2.708e+04	15.89	1.298e+05	-1.388e+04	3.403e+05
385	287	4.242e+05	-5972.61	0.07	-552.50	0.0	2.989e+04	-6507.64	-38.03	1.444e+04	-5972.61	4.242e+05
		4358.90	-9474.72	2.53e-04	0.0	92.1	2.989e+04	-7060.14	-38.03	1.444e+04	-9474.72	4358.90
385	309	4.401e+05	-5656.59	0.07	-552.50	0.0	2.962e+04	-6539.13	-36.53	1.529e+04	-5656.59	4.401e+05
		2.096e+04	-9020.09	3.65e-04	0.0	92.1	2.962e+04	-7091.63	-36.53	1.529e+04	-9020.09	2.096e+04
385	311	1.502e+06	-8533.58	0.22	-552.50	0.0	7.660e+04	-2.009e+04	-30.34	8.613e+04	-8533.58	1.502e+06
		2.714e+05	-1.133e+04	6.80e-04	0.0	92.1	7.660e+04	-2.064e+04	-30.34	8.613e+04	-1.133e+04	2.714e+05
385	322	3.793e+05	-5953.76	0.07	-552.50	0.0	3.129e+04	-6539.74	-50.48	1.299e+04	-5953.76	3.793e+05
		-4.373e+04	-1.060e+04	4.48e-04	0.0	92.1	3.129e+04	-7092.24	-50.48	1.299e+04	-1.060e+04	-4.373e+04
385	324	4.401e+05	-5656.59	0.07	-552.50	0.0	2.962e+04	-6539.13	-36.53	1.529e+04	-5656.59	4.401e+05
		2.096e+04	-9020.09	3.65e-04	0.0	92.1	2.962e+04	-7091.63	-36.53	1.529e+04	-9020.09	2.096e+04
385	333	6.266e+05	-5378.68	0.10	-552.50	0.0	2.138e+04	-7770.07	9.50	2.321e+04	-5512.77	6.266e+05
		1.562e+05	-5512.77	7.67e-04	0.0	92.1	2.138e+04	-8322.57	9.50	2.321e+04	-5378.68	1.562e+05
385	335	2.896e+05	-4002.61	0.05	-552.50	0.0	3.681e+04	-5509.66	-95.83	1.171e+04	-4002.61	2.896e+05
		-9.070e+04	-1.559e+04	7.69e-04	0.0	92.1	3.681e+04	-6062.16	-95.83	1.171e+04	-1.559e+04	-9.070e+04
385	336	2.537e+05	-5800.42	0.05	-552.50	0.0	3.785e+04	-5308.19	-82.55	7380.94	-5800.42	2.537e+05
		-1.143e+05	-1.266e+04	1.33e-04	0.0	92.1	3.785e+04	-5860.69	-82.55	7380.94	-1.266e+04	-1.143e+05
385	347	4.495e+05	-2433.71	0.07	-552.50	0.0	3.018e+04	-6535.85	-74.45	2.078e+04	-2433.71	4.495e+05
		2.323e+04	-1.543e+04	1.77e-03	0.0	92.1	3.018e+04	-7088.35	-74.45	2.078e+04	-1.543e+04	2.323e+04
385	365	5.323e+05	-5729.91	0.09	-552.50	0.0	2.561e+04	-7125.25	-13.29	1.798e+04	-5729.91	5.323e+05
		8.832e+04	-7009.29	5.26e-04	0.0	92.1	2.561e+04	-7677.75	-13.29	1.798e+04	-7009.29	8.832e+04
385	367	3.593e+05	-4958.66	0.06	-552.50	0.0	3.340e+04	-5969.44	-66.00	1.206e+04	-4958.66	3.593e+05
		-3.644e+04	-1.212e+04	5.37e-04	0.0	92.1	3.340e+04	-6521.94	-66.00	1.206e+04	-1.212e+04	-3.644e+04
385	368	3.479e+05	-5583.27	0.06	-552.50	0.0	3.362e+04	-5953.02	-59.76	1.261e+04	-5583.27	3.479e+05
		-4.640e+04	-1.103e+04	2.47e-04	0.0	92.1	3.362e+04	-6505.52	-59.76	1.261e+04	-1.103e+04	-4.640e+04
385	369	5.324e+05	-6360.24	0.09	-552.50	0.0	2.565e+04	-7129.90	-11.96	1.854e+04	-6360.24	5.324e+05
		8.807e+04	-6942.10	4.87e-04	0.0	92.1	2.565e+04	-7682.40	-11.96	1.854e+04	-6942.10	8.807e+04
385	388	3.948e+05	-4480.86	0.07	-552.50	0.0	3.103e+04	-6322.88	-38.47	1.345e+04	-4480.86	3.948e+05
		-1.352e+04	-8200.35	-1.57e-04	0.0	92.1	3.103e+04	-6875.38	-38.47	1.345e+04	-8200.35	-1.352e+04
386	7	2.461e+06	1.663e+04	0.36	-745.88	0.0	1.241e+05	-3.222e+04	185.12	1.253e+05	-415.16	2.461e+06
		4.890e+05	-415.16	-1.27e-03	0.0	92.1	1.241e+05	-3.296e+04	185.12	1.253e+05	1.663e+04	4.890e+05
386	98	5.911e+05	1.220e+04	0.11	-552.50	0.0	5.170e+04	-1.063e+04	143.43	5.132e+04	-1006.03	5.911e+05
		-8.797e+04	-1006.03	-6.54e-04	0.0	92.1	5.170e+04	-1.118e+04	143.43	5.132e+04	1.220e+04	-8.797e+04
386	105	1.577e+06	1.933e+04	0.32	-745.87	0.0	9.275e+04	-2.236e+04	220.30	1.262e+05	-959.47	1.577e+06
		1.923e+05	-959.47	-1.26e-03	0.0	92.1	9.275e+04	-2.310e+04	220.30	1.262e+05	1.933e+04	1.923e+05
386	106	1.419e+06	1.770e+04	0.29	-552.50	0.0	8.189e+04	-1.998e+04	204.01	1.244e+05	-1086.11	1.419e+06
		1.867e+05	-1086.11	-1.25e-03	0.0	92.1	8.189e+04	-2.053e+04	204.01	1.244e+05	1.770e+04	1.867e+05
386	127	2.460e+06	1.694e+04	0.36	-745.88	0.0	1.241e+05	-3.222e+04	187.88	1.263e+05	-362.28	2.460e+06
		4.882e+05	-362.28	-1.36e-03	0.0	92.1	1.241e+05	-3.297e+04	187.88	1.263e+05	1.694e+04	4.882e+05
386	206	4.128e+05	4128.35	0.07	-552.50	0.0	2.808e+04	-6087.51	35.60	151.13	850.27	4.128e+05
		2.046e+04	850.27	-8.43e-05	0.0	92.1	2.808e+04	-6640.01	35.60	151.13	4128.35	2.046e+04
386	210	1.823e+06	1.223e+04	0.27	-552.50	0.0	9.181e+04	-2.385e+04	135.62	9.271e+04	-258.42	1.823e+06
		3.641e+05	-258.42	-9.15e-04	0.0	92.1	9.181e+04	-2.440e+04	135.62	9.271e+04	1.223e+04	3.641e+05
386	255	3.284e+05	5588.40	0.06	-552.50	0.0	3.145e+04	-6268.35	60.09	-1347.64	55.04	3.284e+05
		-8.148e+04	55.04	-1.96e-04	0.0	92.1	3.145e+04	-6820.85	60.09	-1347.64	5588.40	-8.148e+04
386	270	1.823e+06	1.243e+04	0.27	-552.50	0.0	9.182e+04	-2.385e+04	137.46	9.335e+04	-223.17	1.823e+06
		3.635e+05	-223.17	-9.69e-04	0.0	92.1	9.182e+04	-2.440e+04	137.46	9.335e+04	1.243e+04	3.635e+05
386	287	4.082e+05	4608.90	0.07	-552.50	0.0	2.908e+04	-6238.19	45.66	461.05	404.56	4.082e+05
		5415.76	404.56	-2.23e-04	0.0	92.1	2.908e+04	-6790.69	45.66	461.05	4608.90	5415.76

386	289	1.823e+06	1.205e+04	0.27	-552.50	0.0	9.178e+04	-2.384e+04	133.79	9.225e+04	-269.06	1.823e+06
		3.644e+05	-269.06	-8.63e-04	0.0	92.1	9.178e+04	-2.439e+04	133.79	9.225e+04	1.205e+04	3.644e+05
386	309	4.218e+05	4249.41	0.07	-552.50	0.0	2.877e+04	-6250.18	38.15	1347.22	736.30	4.218e+05
		1.940e+04	736.30	-8.20e-05	0.0	92.1	2.877e+04	-6802.68	38.15	1347.22	4249.41	1.940e+04
386	311	1.404e+06	8143.33	0.21	-552.50	0.0	7.061e+04	-1.828e+04	83.48	5.574e+04	455.83	1.404e+06
		2.810e+05	455.83	-4.10e-04	0.0	92.1	7.061e+04	-1.883e+04	83.48	5.574e+04	8143.33	2.810e+05
386	322	3.616e+05	4760.14	0.07	-552.50	0.0	3.051e+04	-6262.69	46.69	-582.75	460.86	3.616e+05
		-4.536e+04	460.86	3.70e-05	0.0	92.1	3.051e+04	-6815.19	46.69	-582.75	4760.14	-4.536e+04
386	323	8.215e+05	7814.61	0.17	-552.50	0.0	4.728e+04	-1.146e+04	80.34	4.001e+04	416.37	8.215e+05
		1.072e+05	416.37	-3.01e-04	0.0	92.1	4.728e+04	-1.201e+04	80.34	4.001e+04	7814.61	1.072e+05
386	324	4.218e+05	4249.41	0.07	-552.50	0.0	2.877e+04	-6250.18	38.15	1347.22	736.30	4.218e+05
		1.940e+04	736.30	-8.20e-05	0.0	92.1	2.877e+04	-6802.68	38.15	1347.22	4249.41	1.940e+04
386	333	5.871e+05	3214.67	0.10	-552.50	0.0	2.084e+04	-5206.56	-9.62	3832.29	3214.67	5.871e+05
		1.464e+05	1048.63	6.39e-04	0.0	92.1	2.084e+04	-5759.06	-9.62	3832.29	1048.63	1.464e+05
386	336	2.565e+05	7450.20	0.05	-552.50	0.0	3.670e+04	-7293.80	85.92	-1137.86	-1742.06	2.565e+05
		-1.076e+05	-1742.06	-7.46e-04	0.0	92.1	3.670e+04	-7846.30	85.92	-1137.86	7450.20	-1.076e+05
386	344	3.557e+05	1.005e+04	0.06	-552.50	0.0	3.191e+04	-6609.65	88.72	-4784.76	-2065.63	3.557e+05
		-3.399e+04	-2065.63	-1.64e-03	0.0	92.1	3.191e+04	-7162.15	88.72	-4784.76	1.005e+04	-3.399e+04
386	348	3.557e+05	1.007e+04	0.06	-552.50	0.0	3.192e+04	-6610.08	88.65	-5146.52	-2045.46	3.557e+05
		-3.405e+04	-2045.46	-1.64e-03	0.0	92.1	3.192e+04	-7162.58	88.65	-5146.52	1.007e+04	-3.405e+04
386	360	3.379e+05	5719.50	0.06	-552.50	0.0	3.266e+04	-6777.55	62.10	1843.00	-447.65	3.379e+05
		-4.426e+04	-447.65	-3.76e-04	0.0	92.1	3.266e+04	-7330.05	62.10	1843.00	5719.50	-4.426e+04
386	365	5.058e+05	2744.64	0.08	-552.50	0.0	2.486e+04	-5722.11	14.34	1458.64	1886.73	5.058e+05
		8.317e+04	1886.73	2.70e-04	0.0	92.1	2.486e+04	-6274.61	14.34	1458.64	2744.64	8.317e+04
386	368	3.379e+05	5754.18	0.06	-552.50	0.0	3.268e+04	-6778.26	61.97	1235.80	-414.12	3.379e+05
		-4.437e+04	-414.12	-3.76e-04	0.0	92.1	3.268e+04	-7330.76	61.97	1235.80	5754.18	-4.437e+04
386	369	5.058e+05	2833.91	0.08	-552.50	0.0	2.487e+04	-5723.28	15.63	1864.15	1885.87	5.058e+05
		8.304e+04	1885.87	2.26e-04	0.0	92.1	2.487e+04	-6275.78	15.63	1864.15	2833.91	8.304e+04
386	380	3.909e+05	6845.72	0.07	-552.50	0.0	3.004e+04	-6417.00	63.01	1883.01	-344.40	3.909e+05
		-6084.31	-344.40	-7.64e-04	0.0	92.1	3.004e+04	-6969.50	63.01	1883.01	6845.72	-6084.31
387	7	2.241e+06	3356.37	0.33	-745.87	0.0	1.110e+05	-2.875e+04	181.51	1.642e+05	-1.336e+04	2.241e+06
		4.740e+05	-1.336e+04	-1.80e-03	0.0	92.1	1.110e+05	-2.950e+04	181.51	1.642e+05	3356.37	4.740e+05
387	98	4.968e+05	-4689.04	0.09	-552.50	0.0	4.593e+04	-9306.52	-15.20	6.096e+04	-4689.04	4.968e+05
		-1.046e+05	-6089.09	-1.20e-04	0.0	92.1	4.593e+04	-9859.02	-15.20	6.096e+04	-6089.09	-1.046e+05
387	128	2.082e+06	5251.57	0.30	-552.50	0.0	1.000e+05	-2.637e+04	200.54	1.668e+05	-1.322e+04	2.082e+06
		4.689e+05	-1.322e+04	-1.89e-03	0.0	92.1	1.000e+05	-2.692e+04	200.54	1.668e+05	5251.57	4.689e+05
387	165	2.240e+06	3049.29	0.33	-745.87	0.0	1.110e+05	-2.876e+04	178.75	1.633e+05	-1.341e+04	2.240e+06
		4.732e+05	-1.341e+04	-1.72e-03	0.0	92.1	1.110e+05	-2.950e+04	178.75	1.633e+05	3049.29	4.732e+05
387	206	4.128e+05	-850.27	0.07	-552.50	0.0	2.808e+04	-6087.51	-35.60	-151.12	-850.27	4.128e+05
		2.046e+04	-4128.35	8.43e-05	0.0	92.1	2.808e+04	-6640.01	-35.60	-151.12	-4128.35	2.046e+04
387	210	1.660e+06	2472.55	0.24	-552.50	0.0	8.208e+04	-2.128e+04	134.18	1.218e+05	-9882.79	1.660e+06
		3.526e+05	-9882.79	-1.31e-03	0.0	92.1	8.208e+04	-2.183e+04	134.18	1.218e+05	2472.55	3.526e+05
387	255	3.293e+05	-636.53	0.06	-552.50	0.0	3.130e+04	-6247.85	-59.85	-2307.32	-636.53	3.293e+05
		-7.951e+04	-6147.94	1.74e-04	0.0	92.1	3.130e+04	-6800.35	-59.85	-2307.32	-6147.94	-7.951e+04
387	268	4.102e+05	-930.02	0.07	-552.50	0.0	2.903e+04	-6237.23	-30.27	-477.72	-930.02	4.102e+05
		8287.81	-3717.36	-2.59e-04	0.0	92.1	2.903e+04	-6789.73	-30.27	-477.72	-3717.36	8287.81
387	270	1.660e+06	2651.68	0.24	-552.50	0.0	8.204e+04	-2.127e+04	136.00	1.222e+05	-9872.14	1.660e+06
		3.529e+05	-9872.14	-1.36e-03	0.0	92.1	8.204e+04	-2.183e+04	136.00	1.222e+05	2651.68	3.529e+05
387	289	1.659e+06	2267.84	0.24	-552.50	0.0	8.208e+04	-2.128e+04	132.33	1.211e+05	-9918.04	1.659e+06
		3.520e+05	-9918.04	-1.25e-03	0.0	92.1	8.208e+04	-2.184e+04	132.33	1.211e+05	2267.84	3.520e+05
387	310	4.228e+05	-999.03	0.07	-552.50	0.0	2.875e+04	-6249.70	-30.46	-1355.55	-999.03	4.228e+05
		2.084e+04	-3803.65	-1.88e-04	0.0	92.1	2.875e+04	-6802.20	-30.46	-1355.55	-3803.65	2.084e+04
387	311	1.304e+06	470.27	0.19	-552.50	0.0	6.479e+04	-1.669e+04	74.78	7.474e+04	-6416.01	1.304e+06
		2.754e+05	-6416.01	-7.25e-04	0.0	92.1	6.479e+04	-1.724e+04	74.78	7.474e+04	470.27	2.754e+05
387	322	3.608e+05	-502.89	0.07	-552.50	0.0	3.043e+04	-6248.05	-58.05	-2145.96	-502.89	3.608e+05
		-4.603e+04	-5848.44	3.00e-04	0.0	92.1	3.043e+04	-6800.55	-58.05	-2145.96	-5848.44	-4.603e+04
387	324	4.218e+05	-736.30	0.07	-552.50	0.0	2.877e+04	-6250.18	-38.15	-1347.21	-736.30	4.218e+05
		1.940e+04	-4249.41	8.20e-05	0.0	92.1	2.877e+04	-6802.68	-38.15	-1347.21	-4249.41	1.940e+04
387	326	5.866e+05	-995.15	0.10	-552.50	0.0	2.089e+04	-5208.83	10.31	-3893.83	-3203.86	5.866e+05
		1.465e+05	-3203.86	-6.42e-04	0.0	92.1	2.089e+04	-5761.33	10.31	-3893.83	-995.15	1.465e+05
387	327	2.570e+05	1731.25	0.05	-552.50	0.0	3.665e+04	-7291.53	-86.61	1199.41	1731.25	2.570e+05
		-1.077e+05	-7503.67	7.48e-04	0.0	92.1	3.665e+04	-7844.03	-86.61	1199.41	-7503.67	-1.077e+05
387	343	3.574e+05	2009.44	0.06	-552.50	0.0	3.175e+04	-6602.52	-90.96	5351.66	2009.44	3.574e+05
		-3.425e+04	-1.025e+04	1.65e-03	0.0	92.1	3.175e+04	-7155.02	-90.96	5351.66	-1.025e+04	-3.425e+04
387	347	3.574e+05	2029.61	0.06	-552.50	0.0	3.173e+04	-6602.09	-91.03	4989.91	2029.61	3.574e+05
		-3.419e+04	-1.023e+04	1.65e-03	0.0	92.1	3.173e+04	-7154.59	-91.03	4989.91	-1.023e+04	-3.419e+04
387	358	5.058e+05	-1886.73	0.08	-552.50	0.0	2.486e+04	-5722.11	-14.34	-1458.63	-1886.73	5.058e+05
		8.317e+04	-2744.64	-2.70e-04	0.0	92.1	2.486e+04	-6274.61	-14.34	-1458.63	-2744.64	8.317e+04
387	359	3.379e+05	414.12	0.06	-552.50	0.0	3.268e+04	-6778.26	-61.97	-1235.79	414.12	3.379e+05
		-4.437e+04	-5754.18	3.76e-04	0.0	92.1	3.268e+04	-7330.76	-61.97	-1235.79	-5754.18	-4.437e+04
387	362	5.058e+05	-1885.87	0.08	-552.50	0.0	2.487e+04	-5723.28	-15.63	-1864.15	-1885.87	5.058e+05
		8.304e+04	-2833.91	-2.26e-04	0.0	92.1	2.487e+04	-6275.78	-15.63	-1864.15	-2833.91	8.304e+04
387	367	3.379e+05	447.65	0.06	-552.50	0.0	3.266e+04	-6777.55	-62.10	-1842.99	447.65	3.379e+05
		-4.426e+04	-5719.50	3.76e-04	0.0	92.1	3.266e+04	-7330.05	-62.10	-1842.99	-5719.50	-4.426e+04
387	375	3.909e+05	344.40	0.07	-552.50	0.0	3.004e+04	-6417.00	-63.01	-1883.00	344.40	3.909e+05
		-6084.31	-6845.72	7.64e-04	0.0	92.1	3.004e+04	-6969.50	-63.01	-1883.00	-6845.72	-6084.31
388	12	1.489e+06	1.559e+04	0.21	-552.50	0.0	7.029e+04	-1.886e+04	126.75	5.669e+04	3918.12	1.489e+06

		3.545e+05	3918.12	-2.38e-03	0.0	92.1	7.029e+04	-1.941e+04	126.75	5.669e+04	1.559e+04	3.545e+05
388	98	4.341e+05	1.573e+04	0.08	-552.50	0.0	4.138e+04	-8442.88	120.49	4.175e+04	4631.61	4.341e+05
		-1.114e+05	4631.61	-6.43e-04	0.0	92.1	4.138e+04	-8995.38	120.49	4.175e+04	1.573e+04	-1.114e+05
388	165	2.088e+06	2.494e+04	0.30	-745.87	0.0	1.005e+05	-2.667e+04	254.01	9.231e+04	7921.01	2.088e+06
		4.796e+05	7921.01	-3.07e-03	-138.40	92.1	1.005e+05	-2.742e+04	115.61	9.231e+04	2.494e+04	4.796e+05
388	206	4.241e+05	8253.29	0.07	-552.50	0.0	2.858e+04	-6311.73	39.86	-1.158e+04	4582.64	4.241e+05
		1.895e+04	4582.64	-3.36e-04	0.0	92.1	2.858e+04	-6864.23	39.86	-1.158e+04	8253.29	1.895e+04
388	212	1.231e+06	1.445e+04	0.18	-552.50	0.0	6.056e+04	-1.585e+04	100.49	3.534e+04	5193.52	1.231e+06
		2.710e+05	5193.52	-1.84e-03	0.0	92.1	6.056e+04	-1.641e+04	100.49	3.534e+04	1.445e+04	2.710e+05
388	255	3.457e+05	1.074e+04	0.06	-552.50	0.0	3.196e+04	-6497.74	54.36	-1.551e+04	5735.69	3.457e+05
		-7.953e+04	5735.69	-3.14e-04	0.0	92.1	3.196e+04	-7050.24	54.36	-1.551e+04	1.074e+04	-7.953e+04
388	268	4.304e+05	9266.62	0.07	-552.50	0.0	2.974e+04	-6517.02	40.97	-1.446e+04	5494.06	4.304e+05
		1.466e+04	5494.06	-6.28e-04	0.0	92.1	2.974e+04	-7069.52	40.97	-1.446e+04	9266.62	1.466e+04
388	289	1.546e+06	1.833e+04	0.22	-552.50	0.0	7.425e+04	-1.973e+04	183.18	6.896e+04	5712.90	1.546e+06
		3.561e+05	5712.90	-2.25e-03	-92.27	92.1	7.425e+04	-2.028e+04	90.92	6.896e+04	1.833e+04	3.561e+05
388	310	4.432e+05	8916.04	0.07	-552.50	0.0	2.954e+04	-6543.82	37.99	-1.531e+04	5417.32	4.432e+05
		2.611e+04	5417.32	-5.63e-04	0.0	92.1	2.954e+04	-7096.32	37.99	-1.531e+04	8916.04	2.611e+04
388	311	1.240e+06	1.431e+04	0.18	-552.50	0.0	6.034e+04	-1.585e+04	96.08	3.516e+04	5462.31	1.240e+06
		2.776e+05	5462.31	-1.55e-03	0.0	92.1	6.034e+04	-1.640e+04	96.08	3.516e+04	1.431e+04	2.776e+05
388	322	3.764e+05	1.018e+04	0.07	-552.50	0.0	3.119e+04	-6506.93	46.96	-1.560e+04	5857.70	3.764e+05
		-4.817e+04	5857.70	-2.19e-04	0.0	92.1	3.119e+04	-7059.43	46.96	-1.560e+04	1.018e+04	-4.817e+04
388	324	4.401e+05	9020.09	0.07	-552.50	0.0	2.962e+04	-6539.13	36.53	-1.529e+04	5656.59	4.401e+05
		2.096e+04	5656.59	-3.65e-04	0.0	92.1	2.962e+04	-7091.63	36.53	-1.529e+04	9020.09	2.096e+04
388	326	6.269e+05	5454.23	0.10	-552.50	0.0	2.141e+04	-7768.66	-10.22	-2.341e+04	5454.23	6.269e+05
		1.564e+05	5378.24	-7.65e-04	0.0	92.1	2.141e+04	-8321.16	-10.22	-2.341e+04	5378.24	1.564e+05
388	327	2.534e+05	1.266e+04	0.05	-552.50	0.0	3.783e+04	-5309.60	83.27	-7179.73	5858.96	2.534e+05
		-1.145e+05	5858.96	-1.35e-04	0.0	92.1	3.783e+04	-5862.10	83.27	-7179.73	1.266e+04	-1.145e+05
388	328	2.899e+05	1.559e+04	0.05	-552.50	0.0	3.683e+04	-5508.25	95.11	-1.191e+04	3944.07	2.899e+05
		-9.052e+04	3944.07	-7.67e-04	0.0	92.1	3.683e+04	-6060.75	95.11	-1.191e+04	1.559e+04	-9.052e+04
388	344	4.504e+05	1.542e+04	0.07	-552.50	0.0	3.027e+04	-6531.15	72.07	-2.145e+04	2238.60	4.504e+05
		2.385e+04	2238.60	-1.76e-03	0.0	92.1	3.027e+04	-7083.65	72.07	-2.145e+04	1.542e+04	2.385e+04
388	358	5.323e+05	7009.29	0.09	-552.50	0.0	2.561e+04	-7125.25	13.29	-1.798e+04	5729.92	5.323e+05
		8.832e+04	5729.92	-5.26e-04	0.0	92.1	2.561e+04	-7677.75	13.29	-1.798e+04	7009.29	8.832e+04
388	359	3.479e+05	1.103e+04	0.06	-552.50	0.0	3.362e+04	-5953.02	59.76	-1.261e+04	5583.27	3.479e+05
		-4.640e+04	5583.27	-2.47e-04	0.0	92.1	3.362e+04	-6505.52	59.76	-1.261e+04	1.103e+04	-4.640e+04
388	360	3.593e+05	1.212e+04	0.06	-552.50	0.0	3.340e+04	-5969.44	66.00	-1.206e+04	4958.66	3.593e+05
		-3.644e+04	4958.66	-5.37e-04	0.0	92.1	3.340e+04	-6521.94	66.00	-1.206e+04	1.212e+04	-3.644e+04
388	362	5.324e+05	6942.10	0.09	-552.50	0.0	2.565e+04	-7129.90	11.96	-1.854e+04	6360.24	5.324e+05
		8.807e+04	6360.24	-4.87e-04	0.0	92.1	2.565e+04	-7682.40	11.96	-1.854e+04	6942.10	8.807e+04
388	383	3.948e+05	8200.37	0.07	-552.50	0.0	3.103e+04	-6322.88	38.47	-1.345e+04	4480.86	3.948e+05
		-1.352e+04	4480.86	1.57e-04	0.0	92.1	3.103e+04	-6875.38	38.47	-1.345e+04	8200.37	-1.352e+04
389	127	4.028e+06	-1.526e+04	0.34	-745.87	0.0	1.925e+05	-3.267e+04	-51.15	1.274e+05	-1.692e+04	4.028e+06
		2.060e+06	-1.779e+04	6.40e-04	138.40	92.1	1.925e+05	-3.342e+04	87.25	1.274e+05	-1.526e+04	2.060e+06
389	184	5.915e+05	-2545.39	0.06	-552.50	0.0	3.854e+04	-4926.24	-27.73	-1871.85	-2545.39	5.915e+05
		2.861e+05	-5099.12	1.59e-04	0.0	92.1	3.854e+04	-5478.74	-27.73	-1871.85	-5099.12	2.861e+05
389	206	6.275e+05	-2013.02	0.06	-552.50	0.0	3.782e+04	-4961.98	-27.91	-884.31	-2013.02	6.275e+05
		3.222e+05	-4582.65	3.88e-04	0.0	92.1	3.782e+04	-5514.48	-27.91	-884.31	-4582.65	3.222e+05
389	255	5.528e+05	-3181.98	0.06	-552.50	0.0	4.175e+04	-5110.63	-34.32	-3413.37	-3181.98	5.528e+05
		2.382e+05	-6342.33	3.90e-04	0.0	92.1	4.175e+04	-5663.13	-34.32	-3413.37	-6342.33	2.382e+05
389	259	1.528e+06	-2976.60	0.19	-552.50	0.0	8.055e+04	-1.297e+04	-41.87	4.735e+04	-2976.60	1.528e+06
		7.554e+05	-6832.08	2.69e-04	0.0	92.1	8.055e+04	-1.352e+04	-41.87	4.735e+04	-6832.08	7.554e+05
389	270	2.983e+06	-1.109e+04	0.25	-552.50	0.0	1.424e+05	-2.419e+04	-32.38	9.422e+04	-1.236e+04	2.983e+06
		1.526e+06	-1.288e+04	4.85e-04	92.27	92.1	1.424e+05	-2.474e+04	59.89	9.422e+04	-1.109e+04	1.526e+06
389	287	6.331e+05	-3108.64	0.06	-552.50	0.0	3.931e+04	-5079.13	-31.10	-667.81	-3108.64	6.331e+05
		3.202e+05	-5972.61	3.04e-04	0.0	92.1	3.931e+04	-5631.63	-31.10	-667.81	-5972.61	3.202e+05
389	309	6.486e+05	-2792.89	0.06	-552.50	0.0	3.914e+04	-5110.56	-31.10	83.11	-2792.89	6.486e+05
		3.350e+05	-5656.59	4.32e-04	0.0	92.1	3.914e+04	-5663.06	-31.10	83.11	-5656.59	3.350e+05
389	311	2.270e+06	-8533.51	0.19	-552.50	0.0	1.081e+05	-1.826e+04	1.39	5.889e+04	-8533.51	2.270e+06
		1.169e+06	-8661.09	6.36e-04	0.0	92.1	1.081e+05	-1.882e+04	1.39	5.889e+04	-8661.09	1.169e+06
389	322	5.867e+05	-2800.99	0.06	-552.50	0.0	4.085e+04	-5116.91	-34.24	-2481.82	-2800.99	5.867e+05
		2.733e+05	-5953.76	5.60e-04	0.0	92.1	4.085e+04	-5669.41	-34.24	-2481.82	-5953.76	2.733e+05
389	323	1.318e+06	-2646.96	0.16	-552.50	0.0	6.995e+04	-1.101e+04	-39.90	3.559e+04	-2646.96	1.318e+06
		6.612e+05	-6321.07	4.57e-04	0.0	92.1	6.995e+04	-1.156e+04	-39.90	3.559e+04	-6321.07	6.612e+05
389	324	6.486e+05	-2792.89	0.06	-552.50	0.0	3.914e+04	-5110.56	-31.10	83.11	-2792.89	6.486e+05
		3.350e+05	-5656.59	4.32e-04	0.0	92.1	3.914e+04	-5663.06	-31.10	83.11	-5656.59	3.350e+05
389	325	8.825e+05	-503.89	0.09	-552.50	0.0	2.790e+04	-6172.88	-49.40	4980.96	-503.89	8.825e+05
		4.971e+05	-4013.29	9.06e-04	0.0	92.1	2.790e+04	-6725.38	-49.40	4980.96	-4013.29	4.971e+05
389	333	8.831e+05	-505.50	0.09	-552.50	0.0	2.778e+04	-6180.33	-49.34	5128.58	-505.50	8.831e+05
		4.978e+05	-5512.76	8.66e-04	0.0	92.1	2.778e+04	-6732.83	-49.34	5128.58	-5512.76	4.978e+05
389	336	4.140e+05	-5080.29	0.04	-552.50	0.0	5.049e+04	-4040.78	-12.86	-4962.37	-5080.29	4.140e+05
		1.721e+05	-5800.42	1.05e-04	0.0	92.1	5.049e+04	-4593.28	-12.86	-4962.37	-5800.42	1.721e+05
389	346	6.633e+05	-3840.85	0.07	-552.50	0.0	3.864e+04	-5169.21	-16.46	-3785.80	-3840.85	6.633e+05
		3.442e+05	-8879.48	-1.09e-03	0.0	92.1	3.864e+04	-5721.71	-16.46	-3785.80	-8879.48	3.442e+05
389	357	7.644e+05	-1679.49	0.08	-552.50	0.0	3.378e+04	-5628.39	-40.26	1635.30	-1679.49	7.644e+05
		4.161e+05	-4964.00	6.45e-04	0.0	92.1	3.378e+04	-6180.89	-40.26	1635.30	-4964.00	4.161e+05
389	365	7.647e+05	-1680.15	0.08	-552.50	0.0	3.372e+04	-5632.10	-40.23	1712.17	-1680.15	7.647e+05
		4.164e+05	-5729.91	6.25e-04	0.0	92.1	3.372e+04	-6184.60	-40.23	1712.17	-5729.91	4.164e+05

389	368	5.324e+05	-3905.64	0.05	-552.50	0.0	4.455e+04	-4589.01	-21.97	-1545.95	-3905.64	5.324e+05
		2.535e+05	-5583.27	2.52e-04	0.0	92.1	4.455e+04	-5141.51	-21.97	-1545.95	-5583.27	2.535e+05
389	369	7.652e+05	-1712.94	0.08	-552.50	0.0	3.372e+04	-5629.42	-39.54	1758.29	-1712.94	7.652e+05
		4.165e+05	-6360.24	5.87e-04	0.0	92.1	3.372e+04	-6181.92	-39.54	1758.29	-6360.24	4.165e+05
389	372	5.319e+05	-3872.84	0.05	-552.50	0.0	4.455e+04	-4591.70	-22.66	-1592.07	-3872.84	5.319e+05
		2.534e+05	-4952.95	2.80e-04	0.0	92.1	4.455e+04	-5144.20	-22.66	-1592.07	-4952.95	2.534e+05
389	385	6.951e+05	-1993.35	0.07	-552.50	0.0	3.733e+04	-5293.98	-39.66	119.82	-1993.35	6.951e+05
		3.704e+05	-6832.33	9.74e-04	0.0	92.1	3.733e+04	-5846.48	-39.66	119.82	-6832.33	3.704e+05
390	105	2.383e+06	-959.36	0.29	-745.87	0.0	1.276e+05	-1.951e+04	82.72	1.302e+05	-8576.02	2.383e+06
		1.216e+06	-8576.02	-1.02e-03	0.0	92.1	1.276e+05	-2.025e+04	82.72	1.302e+05	-959.36	1.216e+06
390	114	2.761e+06	2124.26	0.24	-552.50	0.0	1.320e+05	-2.166e+04	-16.08	8.146e+04	2124.26	2.761e+06
		1.453e+06	643.17	-7.95e-04	0.0	92.1	1.320e+05	-2.221e+04	-16.08	8.146e+04	643.17	1.453e+06
390	127	3.671e+06	723.86	0.31	-745.87	0.0	1.746e+05	-2.872e+04	-11.79	1.341e+05	723.86	3.671e+06
		1.937e+06	-362.18	-1.18e-03	0.0	92.1	1.746e+05	-2.946e+04	-11.79	1.341e+05	-362.18	1.937e+06
390	146	5.852e+05	372.47	0.06	-552.50	0.0	3.819e+04	-4865.50	11.00	7340.99	-640.82	5.852e+05
		2.810e+05	-640.82	-3.17e-04	0.0	92.1	3.819e+04	-5418.00	11.00	7340.99	372.47	2.810e+05
390	206	6.174e+05	850.28	0.06	-552.50	0.0	3.724e+04	-4844.89	7.57	5622.35	153.45	6.174e+05
		3.154e+05	153.45	8.81e-05	0.0	92.1	3.724e+04	-5397.39	7.57	5622.35	850.28	3.154e+05
390	255	5.408e+05	55.04	0.06	-552.50	0.0	4.093e+04	-5027.94	5.06	4880.69	-411.01	5.408e+05
		2.274e+05	-411.01	7.89e-05	0.0	92.1	4.093e+04	-5580.44	5.06	4880.69	55.04	2.274e+05
390	259	1.444e+06	-4.23	0.18	-552.50	0.0	7.515e+04	-1.196e+04	40.00	5.657e+04	-3687.59	1.444e+06
		7.244e+05	-3687.59	-4.92e-04	0.0	92.1	7.515e+04	-1.251e+04	40.00	5.657e+04	-4.23	7.244e+05
390	263	2.212e+06	1484.99	0.19	-552.50	0.0	1.076e+05	-1.737e+04	-9.92	6.282e+04	1484.99	2.212e+06
		1.161e+06	571.55	-5.27e-04	0.0	92.1	1.076e+05	-1.792e+04	-9.92	6.282e+04	571.55	1.161e+06
390	270	2.719e+06	613.88	0.23	-552.50	0.0	1.292e+05	-2.125e+04	-9.09	9.910e+04	613.88	2.719e+06
		1.436e+06	-223.09	-8.47e-04	0.0	92.1	1.292e+05	-2.180e+04	-9.09	9.910e+04	-223.09	1.436e+06
390	287	6.200e+05	404.56	0.06	-552.50	0.0	3.848e+04	-4993.92	8.55	6180.04	-382.57	6.200e+05
		3.085e+05	-382.57	-2.92e-05	0.0	92.1	3.848e+04	-5546.42	8.55	6180.04	404.56	3.085e+05
390	309	6.337e+05	736.31	0.06	-552.50	0.0	3.820e+04	-5004.48	8.14	6727.53	-13.40	6.337e+05
		3.219e+05	-13.40	1.04e-04	0.0	92.1	3.820e+04	-5556.98	8.14	6727.53	736.31	3.219e+05
390	311	2.095e+06	1749.69	0.18	-552.50	0.0	9.944e+04	-1.632e+04	-14.05	6.123e+04	1749.69	2.095e+06
		1.106e+06	455.88	-3.25e-04	0.0	92.1	9.944e+04	-1.687e+04	-14.05	6.123e+04	455.88	1.106e+06
390	322	5.734e+05	460.86	0.06	-552.50	0.0	3.998e+04	-5019.20	4.76	5111.19	22.17	5.734e+05
		2.609e+05	22.17	2.48e-04	0.0	92.1	3.998e+04	-5571.70	4.76	5111.19	460.86	2.609e+05
390	323	1.251e+06	416.41	0.15	-552.50	0.0	6.564e+04	-1.022e+04	30.97	4.388e+04	-2435.26	1.251e+06
		6.336e+05	-2435.26	-1.80e-04	0.0	92.1	6.564e+04	-1.077e+04	30.97	4.388e+04	416.41	6.336e+05
390	324	6.337e+05	736.31	0.06	-552.50	0.0	3.820e+04	-5004.48	8.14	6727.53	-13.40	6.337e+05
		3.219e+05	-13.40	1.04e-04	0.0	92.1	3.820e+04	-5556.98	8.14	6727.53	736.31	3.219e+05
390	333	8.504e+05	3214.67	0.09	-552.50	0.0	2.736e+04	-4051.77	21.03	3164.39	939.35	8.504e+05
		4.779e+05	939.35	5.85e-04	0.0	92.1	2.736e+04	-4604.27	21.03	3164.39	3214.67	4.779e+05
390	336	4.170e+05	-966.15	0.04	-552.50	0.0	4.904e+04	-5957.20	-4.75	1.029e+04	-966.15	4.170e+05
		1.658e+05	-1742.06	-3.78e-04	0.0	92.1	4.904e+04	-6509.70	-4.75	1.029e+04	-1742.06	1.658e+05
390	341	7.131e+05	3538.25	0.07	-552.50	0.0	3.395e+04	-4681.21	9.64e-03	940.67	1445.87	7.131e+05
		3.838e+05	1445.87	1.68e-03	0.0	92.1	3.395e+04	-5233.71	9.64e-03	940.67	3538.25	3.838e+05
390	344	5.543e+05	-1472.66	0.06	-552.50	0.0	4.244e+04	-5327.76	16.27	1.251e+04	-1472.66	5.543e+05
		2.600e+05	-2065.63	-1.47e-03	0.0	92.1	4.244e+04	-5880.26	16.27	1.251e+04	-2065.63	2.600e+05
390	357	7.438e+05	1920.26	0.07	-552.50	0.0	3.286e+04	-4520.46	14.93	5539.81	451.92	7.438e+05
		4.007e+05	451.92	3.43e-04	0.0	92.1	3.286e+04	-5072.96	14.93	5539.81	1920.26	4.007e+05
390	365	7.439e+05	1886.73	0.07	-552.50	0.0	3.284e+04	-4520.01	14.85	5419.46	424.62	7.439e+05
		4.008e+05	424.62	3.21e-04	0.0	92.1	3.284e+04	-5072.51	14.85	5419.46	1886.73	4.008e+05
390	368	5.235e+05	-414.12	0.05	-552.50	0.0	4.356e+04	-5488.96	1.44	8035.60	-451.42	5.235e+05
		2.429e+05	-451.42	-1.13e-04	0.0	92.1	4.356e+04	-6041.46	1.44	8035.60	-414.12	2.429e+05
390	369	7.441e+05	1885.87	0.07	-552.50	0.0	3.284e+04	-4520.94	15.32	5503.96	416.68	7.441e+05
		4.009e+05	416.68	2.81e-04	0.0	92.1	3.284e+04	-5073.44	15.32	5503.96	1885.87	4.009e+05
390	372	5.233e+05	-413.26	0.05	-552.50	0.0	4.355e+04	-5488.03	0.96	7951.10	-443.48	5.233e+05
		2.428e+05	-443.48	-7.36e-05	0.0	92.1	4.355e+04	-6040.53	0.96	7951.10	-413.26	2.428e+05
390	376	5.974e+05	-354.46	0.06	-552.50	0.0	3.991e+04	-5163.44	11.38	7997.66	-592.98	5.974e+05
		2.937e+05	-592.98	-6.00e-04	0.0	92.1	3.991e+04	-5715.94	11.38	7997.66	-354.46	2.937e+05
391	102	6.390e+05	-2405.35	0.07	-552.50	0.0	4.781e+04	-5902.47	1.18	1.285e+04	-2514.21	6.390e+05
		2.741e+05	-2514.21	-3.04e-04	0.0	92.1	4.781e+04	-6454.97	1.18	1.285e+04	-2405.35	2.741e+05
391	128	3.088e+06	-1.322e+04	0.26	-552.50	0.0	1.423e+05	-2.377e+04	149.14	1.259e+05	-2.695e+04	3.088e+06
		1.652e+06	-2.695e+04	-1.91e-03	0.0	92.1	1.423e+05	-2.433e+04	149.14	1.259e+05	-1.322e+04	1.652e+06
391	165	3.329e+06	-1.341e+04	0.29	-745.87	0.0	1.569e+05	-2.574e+04	143.04	1.202e+05	-2.658e+04	3.329e+06
		1.772e+06	-2.658e+04	-1.81e-03	0.0	92.1	1.569e+05	-2.648e+04	143.04	1.202e+05	-1.341e+04	1.772e+06
391	205	8.579e+05	43.11	0.09	-745.87	0.0	5.171e+04	-6779.99	-11.08	-9247.93	43.11	8.579e+05
		4.355e+05	-976.92	-1.42e-04	0.0	92.1	5.171e+04	-7525.87	-11.08	-9247.93	-976.92	4.355e+05
391	206	6.174e+05	-153.46	0.06	-552.50	0.0	3.724e+04	-4844.89	-7.57	-5622.34	-153.46	6.174e+05
		3.154e+05	-850.27	-8.81e-05	0.0	92.1	3.724e+04	-5397.39	-7.57	-5622.34	-850.27	3.154e+05
391	255	5.414e+05	-80.69	0.06	-552.50	0.0	4.074e+04	-5008.04	-6.04	-8199.69	-80.69	5.414e+05
		2.288e+05	-636.54	-7.08e-05	0.0	92.1	4.074e+04	-5560.54	-6.04	-8199.69	-636.54	2.288e+05
391	268	6.208e+05	-467.52	0.06	-552.50	0.0	3.845e+04	-4989.69	-5.02	-5515.06	-467.52	6.208e+05
		3.102e+05	-930.01	-3.98e-04	0.0	92.1	3.845e+04	-5542.19	-5.02	-5515.06	-930.01	3.102e+05
391	270	2.465e+06	-9872.04	0.21	-552.50	0.0	1.160e+05	-1.903e+04	107.63	9.061e+04	-1.978e+04	2.465e+06
		1.314e+06	-1.978e+04	-1.42e-03	0.0	92.1	1.160e+05	-1.958e+04	107.63	9.061e+04	-9872.04	1.314e+06
391	289	2.466e+06	-9917.94	0.21	-552.50	0.0	1.161e+05	-1.904e+04	105.90	8.925e+04	-1.967e+04	2.466e+06
		1.313e+06	-1.967e+04	-1.32e-03	0.0	92.1	1.161e+05	-1.960e+04	105.90	8.925e+04	-9917.94	1.313e+06
391	310	6.341e+05	-411.65	0.06	-552.50	0.0	3.818e+04	-5002.37	-6.38	-6395.04	-411.65	6.341e+05

		3.227e+05	-999.03	-3.17e-04	0.0	92.1	3.818e+04	-5554.87	-6.38	-6395.04	-999.03	3.227e+05
391	311	1.934e+06	-6415.95	0.17	-552.50	0.0	9.136e+04	-1.485e+04	73.14	5.282e+04	-1.315e+04	1.934e+06
		1.033e+06	-1.315e+04	-8.01e-04	0.0	92.1	9.136e+04	-1.540e+04	73.14	5.282e+04	-6415.95	1.033e+06
391	322	5.733e+05	246.61	0.06	-552.50	0.0	3.986e+04	-5007.44	-8.14	-8099.16	246.61	5.733e+05
		2.606e+05	-502.89	7.82e-05	0.0	92.1	3.986e+04	-5559.94	-8.14	-8099.16	-502.89	2.606e+05
391	324	6.337e+05	13.40	0.06	-552.50	0.0	3.820e+04	-5004.48	-8.14	-6727.52	13.40	6.337e+05
		3.219e+05	-736.31	-1.04e-04	0.0	92.1	3.820e+04	-5556.98	-8.14	-6727.52	-736.31	3.219e+05
391	326	8.499e+05	-952.79	0.09	-552.50	0.0	2.742e+04	-4053.19	-21.67	-3154.01	-952.79	8.499e+05
		4.772e+05	-3203.86	-5.86e-04	0.0	92.1	2.742e+04	-4605.69	-21.67	-3154.01	-3203.86	4.772e+05
391	327	4.175e+05	1731.25	0.04	-552.50	0.0	4.897e+04	-5955.78	5.39	-1.030e+04	1731.25	4.175e+05
		1.665e+05	979.59	3.79e-04	0.0	92.1	4.897e+04	-6508.28	5.39	-1.030e+04	979.59	1.665e+05
391	346	7.115e+05	-1490.67	0.07	-552.50	0.0	3.417e+04	-4685.93	-2.16	-906.11	-1490.67	7.115e+05
		3.815e+05	-3502.22	-1.68e-03	0.0	92.1	3.417e+04	-5238.43	-2.16	-906.11	-3502.22	3.815e+05
391	347	5.560e+05	2029.61	0.06	-552.50	0.0	4.222e+04	-5323.04	-14.12	-1.255e+04	1517.47	5.560e+05
		2.622e+05	1517.47	1.47e-03	0.0	92.1	4.222e+04	-5875.54	-14.12	-1.255e+04	2029.61	2.622e+05
391	358	7.439e+05	-424.62	0.07	-552.50	0.0	3.284e+04	-4520.01	-14.85	-5419.45	-424.62	7.439e+05
		4.008e+05	-1886.73	-3.21e-04	0.0	92.1	3.284e+04	-5072.51	-14.85	-5419.45	-1886.73	4.008e+05
391	359	5.235e+05	451.42	0.05	-552.50	0.0	4.356e+04	-5488.96	-1.44	-8035.59	451.42	5.235e+05
		2.429e+05	414.12	1.13e-04	0.0	92.1	4.356e+04	-6041.46	-1.44	-8035.59	414.12	2.429e+05
391	362	7.441e+05	-416.68	0.07	-552.50	0.0	3.284e+04	-4520.94	-15.32	-5503.95	-416.68	7.441e+05
		4.009e+05	-1885.87	-2.81e-04	0.0	92.1	3.284e+04	-5073.44	-15.32	-5503.95	-1885.87	4.009e+05
391	363	5.235e+05	443.48	0.05	-552.50	0.0	4.355e+04	-5488.03	-0.96	-7951.09	443.48	5.235e+05
		2.428e+05	413.26	7.36e-05	0.0	92.1	4.355e+04	-6040.53	-0.96	-7951.09	413.26	2.428e+05
391	366	7.438e+05	-451.92	0.07	-552.50	0.0	3.286e+04	-4520.46	-14.93	-5539.80	-451.92	7.438e+05
		4.007e+05	-1920.26	-3.43e-04	0.0	92.1	3.286e+04	-5072.96	-14.93	-5539.80	-1920.26	4.007e+05
391	379	5.974e+05	592.98	0.06	-552.50	0.0	3.991e+04	-5163.44	-11.38	-7997.65	592.98	5.974e+05
		2.937e+05	354.46	6.00e-04	0.0	92.1	3.991e+04	-5715.94	-11.38	-7997.65	354.46	2.937e+05
392	102	6.044e+05	4582.18	0.06	-552.50	0.0	4.547e+04	-5653.65	43.55	2.221e+04	572.15	6.044e+05
		2.578e+05	572.15	-6.30e-04	0.0	92.1	4.547e+04	-6206.15	43.55	2.221e+04	4582.18	2.578e+05
392	128	2.820e+06	3959.00	0.24	-552.50	0.0	1.266e+05	-2.208e+04	95.51	1.184e+05	-4835.50	2.820e+06
		1.507e+06	-4835.50	-3.14e-03	0.0	92.1	1.266e+05	-2.264e+04	95.51	1.184e+05	3959.00	1.507e+06
392	165	3.076e+06	7921.19	0.26	-745.87	0.0	1.421e+05	-2.408e+04	180.31	1.164e+05	-2310.28	3.076e+06
		1.640e+06	-2310.28	-3.21e-03	-138.40	92.1	1.421e+05	-2.483e+04	41.91	1.164e+05	7921.19	1.640e+06
392	181	8.582e+05	9717.48	0.09	-745.87	0.0	5.402e+04	-6961.94	163.77	-44.83	4369.13	8.582e+05
		4.325e+05	4369.13	-7.89e-04	-230.67	92.1	5.402e+04	-7707.82	-66.89	-44.83	8829.68	4.325e+05
392	206	6.275e+05	4582.65	0.06	-552.50	0.0	3.782e+04	-4961.98	27.91	884.31	2013.02	6.275e+05
		3.222e+05	2013.02	-3.88e-04	0.0	92.1	3.782e+04	-5514.48	27.91	884.31	4582.65	3.222e+05
392	255	5.547e+05	5735.69	0.06	-552.50	0.0	4.137e+04	-5077.77	33.45	29.34	2655.86	5.547e+05
		2.412e+05	2655.86	-3.84e-04	0.0	92.1	4.137e+04	-5630.27	33.45	29.34	5735.69	2.412e+05
392	268	6.348e+05	5494.06	0.06	-552.50	0.0	3.931e+04	-5091.71	33.76	986.55	2385.39	6.348e+05
		3.243e+05	2385.39	-7.13e-04	0.0	92.1	3.931e+04	-5644.21	33.76	986.55	5494.06	3.243e+05
392	270	2.274e+06	5214.80	0.19	-552.50	0.0	1.049e+05	-1.779e+04	80.91	8.690e+04	-2235.89	2.274e+06
		1.213e+06	-2235.89	-2.44e-03	0.0	92.1	1.049e+05	-1.835e+04	80.91	8.690e+04	5214.80	1.213e+06
392	289	2.278e+06	5713.04	0.19	-552.50	0.0	1.051e+05	-1.782e+04	127.75	8.629e+04	-1801.98	2.278e+06
		1.214e+06	-1801.98	-2.35e-03	-92.27	92.1	1.051e+05	-1.837e+04	35.48	8.629e+04	5713.04	1.214e+06
392	302	5.937e+05	7004.56	0.06	-552.50	0.0	4.085e+04	-5130.49	113.17	836.89	3171.12	5.937e+05
		2.792e+05	3171.12	-5.44e-04	-153.78	92.1	4.085e+04	-5682.99	-40.60	836.89	6512.31	2.792e+05
392	310	6.494e+05	5417.32	0.06	-552.50	0.0	3.913e+04	-5116.85	32.43	76.27	2431.27	6.494e+05
		3.370e+05	2431.27	-6.39e-04	0.0	92.1	3.913e+04	-5669.35	32.43	76.27	5417.32	3.370e+05
392	311	1.823e+06	5462.40	0.16	-552.50	0.0	8.498e+04	-1.416e+04	58.81	5.101e+04	46.65	1.823e+06
		9.748e+05	46.65	-1.63e-03	0.0	92.1	8.498e+04	-1.471e+04	58.81	5.101e+04	5462.40	9.748e+05
392	322	5.869e+05	5857.69	0.06	-552.50	0.0	4.057e+04	-5082.83	31.59	-295.25	2948.84	5.869e+05
		2.725e+05	2948.84	-2.55e-04	0.0	92.1	4.057e+04	-5635.33	31.59	-295.25	5857.69	2.725e+05
392	323	1.207e+06	6629.33	0.14	-552.50	0.0	6.184e+04	-9607.64	60.09	3.137e+04	1096.39	1.207e+06
		6.348e+05	1096.39	-1.20e-03	0.0	92.1	6.184e+04	-1.016e+04	60.09	3.137e+04	6629.33	6.348e+05
392	324	6.486e+05	5656.59	0.06	-552.50	0.0	3.914e+04	-5110.56	31.10	-83.10	2792.89	6.486e+05
		3.350e+05	2792.89	-4.32e-04	0.0	92.1	3.914e+04	-5663.06	31.10	-83.10	5656.59	3.350e+05
392	326	8.831e+05	5454.23	0.09	-552.50	0.0	2.783e+04	-6179.55	48.70	-5163.99	414.02	8.831e+05
		4.978e+05	414.02	-8.66e-04	0.0	92.1	2.783e+04	-6732.05	48.70	-5163.99	5454.23	4.978e+05
392	327	4.140e+05	5858.96	0.04	-552.50	0.0	5.044e+04	-4041.57	13.50	4997.79	5171.76	4.140e+05
		1.721e+05	5171.76	-1.06e-04	0.0	92.1	5.044e+04	-4594.07	13.50	4997.79	5858.96	1.721e+05
392	341	6.634e+05	9074.60	0.07	-552.50	0.0	3.848e+04	-5171.83	18.61	3903.86	4145.76	6.634e+05
		3.443e+05	4145.76	1.09e-03	0.0	92.1	3.848e+04	-5724.33	18.61	3903.86	9074.60	3.443e+05
392	346	7.651e+05	2241.79	0.07	-552.50	0.0	3.350e+04	-5645.60	51.23	-6164.19	353.48	7.651e+05
		4.166e+05	353.48	-1.96e-03	0.0	92.1	3.350e+04	-6198.10	51.23	-6164.19	2241.79	4.166e+05
392	358	7.647e+05	5729.91	0.08	-552.50	0.0	3.372e+04	-5632.10	40.23	-1712.16	1680.15	7.647e+05
		4.164e+05	1680.15	-6.25e-04	0.0	92.1	3.372e+04	-6184.60	40.23	-1712.16	5729.91	4.164e+05
392	359	5.324e+05	5583.27	0.05	-552.50	0.0	4.455e+04	-4589.01	21.97	1545.96	3905.64	5.324e+05
		2.535e+05	3905.64	-2.52e-04	0.0	92.1	4.455e+04	-5141.51	21.97	1545.96	5583.27	2.535e+05
392	362	7.652e+05	6360.24	0.08	-552.50	0.0	3.372e+04	-5629.42	39.54	-1758.28	1712.94	7.652e+05
		4.165e+05	1712.94	-5.87e-04	0.0	92.1	3.372e+04	-6181.92	39.54	-1758.28	6360.24	4.165e+05
392	363	5.319e+05	4952.95	0.05	-552.50	0.0	4.455e+04	-4591.70	22.66	1592.09	3872.84	5.319e+05
		2.534e+05	3872.84	-2.80e-04	0.0	92.1	4.455e+04	-5144.20	22.66	1592.09	4952.95	2.534e+05
392	366	7.644e+05	4964.00	0.08	-552.50	0.0	3.378e+04	-5628.39	40.26	-1635.29	1679.49	7.644e+05
		4.161e+05	1679.49	-6.45e-04	0.0	92.1	3.378e+04	-6180.89	40.26	-1635.29	4964.00	4.161e+05
392	382	6.951e+05	6832.33	0.07	-552.50	0.0	3.733e+04	-5293.98	39.66	-119.83	1993.35	6.951e+05
		3.704e+05	1993.35	-9.74e-04	0.0	92.1	3.733e+04	-5846.48	39.66	-119.83	6832.33	3.704e+05

393	49	3.737e+05	5.510e+04	0.04	-243.00	0.0	-8322.60	-858.41	-1836.51	2.632e+04	5.510e+04	3.737e+05
		5.407e+04	0.12	-6.41e-04	0.0	30.0	-8322.60	-1101.41	-1836.51	2.632e+04	0.12	5.407e+04
393	164	1.119e+05	1.739e+04	0.02	-180.00	0.0	-2496.17	-164.80	-579.62	7346.16	1.739e+04	1.119e+05
		1.541e+04	0.04	-1.95e-04	0.0	30.0	-2496.17	-344.80	-579.62	7346.16	0.04	1.541e+04
393	270	2.382e+05	3.581e+04	0.03	-180.00	0.0	-5341.55	-480.44	-1208.73	1.642e+04	3.581e+04	2.382e+05
		3.425e+04	0.09	-5.40e-04	30.06	30.0	-5341.55	-660.44	-1178.67	1.642e+04	0.09	3.425e+04
393	288	1.206e+05	1.897e+04	0.02	-180.00	0.0	-2691.57	-184.20	-632.22	7539.25	1.897e+04	1.206e+05
		1.657e+04	0.04	-2.04e-04	0.0	30.0	-2691.57	-364.20	-632.22	7539.25	0.04	1.657e+04
393	305	2.207e+04	2.939e+04	0.03	-180.00	0.0	-3559.32	4196.71	-979.61	-787.34	2.939e+04	9087.95
		9087.95	0.03	-2.52e-04	0.0	30.0	-3559.32	4016.71	-979.61	-787.34	0.03	2.207e+04
393	309	1.302e+05	2.001e+04	0.02	-180.00	0.0	-2894.95	-225.87	-667.13	7821.82	2.001e+04	1.302e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.95	-405.87	-667.13	7821.82	0.04	1.743e+04
393	311	1.888e+05	2.813e+04	0.03	-180.00	0.0	-4202.83	-392.36	-937.73	1.216e+04	2.813e+04	1.888e+05
		2.588e+04	0.06	-3.48e-04	0.0	30.0	-4202.83	-572.36	-937.73	1.216e+04	0.06	2.588e+04
393	314	4.436e+04	2.753e+04	0.03	-180.00	0.0	-3498.55	3068.62	-917.79	1420.09	2.753e+04	4.436e+04
		2.127e+04	0.03	-2.31e-04	0.0	30.0	-3498.55	2888.62	-917.79	1420.09	0.03	2.127e+04
393	316	1.892e+05	2.807e+04	0.02	-180.00	0.0	-4157.48	-462.65	-935.63	1.227e+04	2.807e+04	1.892e+05
		2.582e+04	0.05	-2.17e-04	0.0	30.0	-4157.48	-642.65	-935.63	1.227e+04	0.05	2.582e+04
393	324	1.302e+05	2.001e+04	0.02	-180.00	0.0	-2894.95	-225.87	-667.13	7821.82	2.001e+04	1.302e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.95	-405.87	-667.13	7821.82	0.04	1.743e+04
393	331	1.242e+05	1.546e+04	0.03	-180.00	0.0	-2782.58	-179.04	-515.38	3314.72	1.546e+04	1.242e+05
		1.273e+04	9.74e-03	2.02e-04	0.0	30.0	-2782.58	-359.04	-515.38	3314.72	9.74e-03	1.273e+04
393	350	1.367e+05	2.531e+04	0.02	-180.00	0.0	-3015.33	-289.77	-843.60	1.296e+04	2.531e+04	1.367e+05
		2.235e+04	0.06	-3.51e-04	0.0	30.0	-3015.33	-469.77	-843.60	1.296e+04	0.06	2.235e+04
393	351	1.236e+05	1.472e+04	0.03	-180.00	0.0	-2774.57	-161.98	-490.67	2687.98	1.472e+04	1.236e+05
		1.251e+04	0.01	-4.67e-05	0.0	30.0	-2774.57	-341.98	-490.67	2687.98	0.01	1.251e+04
393	354	1.366e+05	2.535e+04	0.02	-180.00	0.0	-3013.81	-290.05	-845.04	1.299e+04	2.535e+04	1.366e+05
		2.229e+04	0.06	-3.18e-04	0.0	30.0	-3013.81	-470.05	-845.04	1.299e+04	0.06	2.229e+04
393	363	1.272e+05	1.773e+04	0.03	-180.00	0.0	-2838.60	-202.54	-590.95	5570.27	1.773e+04	1.272e+05
		1.508e+04	0.02	-1.82e-05	0.0	30.0	-2838.60	-382.54	-590.95	5570.27	0.02	1.508e+04
393	382	1.334e+05	2.265e+04	0.02	-180.00	0.0	-2954.89	-257.46	-754.99	1.037e+04	2.265e+04	1.334e+05
		1.988e+04	0.05	-2.74e-04	0.0	30.0	-2954.89	-437.46	-754.99	1.037e+04	0.05	1.988e+04
393	383	1.262e+05	1.738e+04	0.02	-180.00	0.0	-2835.01	-194.28	-579.28	5269.55	1.738e+04	1.262e+05
		1.498e+04	0.02	-1.23e-04	0.0	30.0	-2835.01	-374.28	-579.28	5269.55	0.02	1.498e+04
393	386	1.334e+05	2.267e+04	0.02	-180.00	0.0	-2954.13	-257.61	-755.72	1.039e+04	2.267e+04	1.334e+05
		1.985e+04	0.05	-2.58e-04	0.0	30.0	-2954.13	-437.61	-755.72	1.039e+04	0.05	1.985e+04
394	149	3.807e+05	5.669e+04	-0.04	-243.00	0.0	-1316.44	1124.47	1867.21	-2.691e+04	5.669e+04	3.807e+05
		5.541e+04	0.13	7.04e-04	45.09	30.0	-1316.44	881.47	1912.30	-2.691e+04	5.669e+04	3.807e+05
394	164	1.211e+05	1.866e+04	-0.02	-180.00	0.0	-393.25	380.93	621.87	-8053.80	0.04	1.667e+04
		1.667e+04	0.04	2.43e-04	0.0	30.0	-393.25	200.93	621.87	-8053.80	1.866e+04	1.211e+05
394	206	1.226e+05	1.895e+04	-0.02	-180.00	0.0	-393.18	407.17	631.72	-7763.99	0.04	1.668e+04
		1.668e+04	0.04	1.88e-04	0.0	30.0	-393.18	227.17	631.72	-7763.99	1.895e+04	1.226e+05
394	227	2.368e+04	3.090e+04	-0.03	-180.00	0.0	-589.72	-3976.67	1030.11	-138.63	0.04	2.368e+04
		1.976e+04	0.04	3.07e-04	0.0	30.0	-589.72	-4156.67	1030.11	-138.63	3.090e+04	1.976e+04
394	270	2.451e+05	3.674e+04	-0.03	-180.00	0.0	-825.81	688.01	1209.55	-1.690e+04	0.09	3.511e+04
		3.511e+04	0.09	5.67e-04	30.06	30.0	-825.81	508.01	1239.61	-1.690e+04	3.674e+04	2.451e+05
394	288	1.267e+05	1.981e+04	-0.02	-180.00	0.0	-407.10	388.27	660.34	-8010.37	0.04	1.741e+04
		1.741e+04	0.04	2.36e-04	0.0	30.0	-407.10	208.27	660.34	-8010.37	1.981e+04	1.267e+05
394	309	1.301e+05	2.001e+04	-0.02	-180.00	0.0	-407.16	405.79	667.02	-7820.44	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.16	225.79	667.02	-7820.44	2.001e+04	1.301e+05
394	311	1.905e+05	2.835e+04	-0.03	-180.00	0.0	-613.09	579.59	944.83	-1.224e+04	0.06	2.603e+04
		2.603e+04	0.06	3.45e-04	0.0	30.0	-613.09	399.59	944.83	-1.224e+04	2.835e+04	1.905e+05
394	313	1.883e+05	2.795e+04	-0.02	-180.00	0.0	-615.09	638.99	931.66	-1.221e+04	0.05	2.571e+04
		2.571e+04	0.05	2.19e-04	0.0	30.0	-615.09	458.99	931.66	-1.221e+04	2.795e+04	1.883e+05
394	315	4.821e+04	2.807e+04	-0.03	-180.00	0.0	-536.46	-2873.70	935.59	-1727.62	0.03	2.182e+04
		2.182e+04	0.03	2.40e-04	0.0	30.0	-536.46	-3053.70	935.59	-1727.62	2.807e+04	4.821e+04
394	324	1.301e+05	2.001e+04	-0.02	-180.00	0.0	-407.16	405.79	667.02	-7820.44	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.16	225.79	667.02	-7820.44	2.001e+04	1.301e+05
394	350	1.378e+05	2.713e+04	-0.02	-180.00	0.0	-577.19	474.17	904.28	-1.433e+04	0.08	2.404e+04
		2.404e+04	0.08	7.38e-04	0.0	30.0	-577.19	294.17	904.28	-1.433e+04	2.713e+04	1.378e+05
394	354	1.378e+05	2.704e+04	-0.02	-180.00	0.0	-577.85	474.24	901.29	-1.421e+04	0.08	2.407e+04
		2.407e+04	0.08	8.92e-04	0.0	30.0	-577.85	294.24	901.29	-1.421e+04	2.704e+04	1.378e+05
394	355	1.225e+05	1.298e+04	-0.02	-180.00	0.0	-236.47	337.34	432.74	-1433.68	-7.25e-03	1.078e+04
		1.078e+04	-7.25e-03	-4.95e-04	0.0	30.0	-236.47	157.34	432.74	-1433.68	1.298e+04	1.225e+05
394	382	1.340e+05	2.355e+04	-0.02	-180.00	0.0	-491.82	439.59	785.12	-1.106e+04	0.06	2.072e+04
		2.072e+04	0.06	4.67e-04	0.0	30.0	-491.82	259.59	785.12	-1.106e+04	2.355e+04	1.340e+05
394	386	1.340e+05	2.351e+04	-0.02	-180.00	0.0	-492.15	439.63	783.62	-1.100e+04	0.06	2.074e+04
		2.074e+04	0.06	5.44e-04	0.0	30.0	-492.15	259.63	783.62	-1.100e+04	2.351e+04	1.340e+05
394	387	1.263e+05	1.651e+04	-0.02	-180.00	0.0	-322.18	371.95	550.42	-4642.04	0.01	1.412e+04
		1.412e+04	0.01	-1.47e-04	0.0	30.0	-322.18	191.95	550.42	-4642.04	1.651e+04	1.263e+05
395	49	3.448e+05	-0.05	0.04	-243.00	0.0	-7464.29	-1064.65	1212.22	-8404.42	-3.637e+04	3.448e+05
		4.775e+04	-3.637e+04	6.92e-04	0.0	30.0	-7464.29	-1307.65	1212.22	-8404.42	-0.05	4.775e+04
395	126	1.096e+05	-0.01	0.02	-180.00	0.0	-2394.95	-254.12	337.25	-2608.27	-1.012e+04	1.096e+05
		1.550e+04	-1.012e+04	1.79e-04	0.0	30.0	-2394.95	-434.12	337.25	-2608.27	-0.01	1.550e+04
395	150	2.619e+05	-2.26e-03	0.11	-180.00	0.0	-5643.22	-746.75	1036.22	-4135.05	-3.109e+04	2.619e+05
		3.636e+04	-3.109e+04	-7.75e-05	0.0	30.0	-5643.22	-926.75	1036.22	-4135.05	-2.26e-03	3.636e+04
395	164	1.087e+05	-0.02	0.02	-180.00	0.0	-2382.32	-243.71	337.46	-3050.69	-1.012e+04	1.087e+05

		1.566e+04	-1.012e+04	1.80e-04	0.0	30.0	-2382.32	-423.71	337.46	-3050.69	-0.02	1.566e+04
395	269	1.188e+05	-0.02	0.02	-180.00	0.0	-2582.87	-297.37	376.46	-3231.21	-1.129e+04	1.188e+05
		1.685e+04	-1.129e+04	1.93e-04	0.0	30.0	-2582.87	-477.37	376.46	-3231.21	-0.02	1.685e+05
395	270	2.242e+05	-0.03	0.03	-180.00	0.0	-4879.77	-641.47	802.57	-5369.23	-2.408e+04	2.242e+05
		3.148e+04	-2.408e+04	2.87e-04	0.0	30.0	-4879.77	-821.47	802.57	-5369.23	-0.03	3.148e+04
395	281	1.665e+05	-3.94e-03	0.08	-180.00	0.0	-3535.58	-499.02	604.17	-3549.64	-1.812e+04	1.665e+05
		2.322e+04	-1.812e+04	-2.28e-05	0.0	30.0	-3535.58	-679.02	604.17	-3549.64	-3.94e-03	2.322e+04
395	288	1.182e+05	-0.02	0.02	-180.00	0.0	-2574.44	-290.43	376.60	-3526.16	-1.130e+04	1.182e+05
		1.695e+04	-1.130e+04	1.94e-04	0.0	30.0	-2574.44	-470.43	376.60	-3526.16	-0.02	1.695e+04
395	289	2.236e+05	-0.03	0.03	-180.00	0.0	-4871.34	-634.53	802.71	-5664.18	-2.408e+04	2.236e+05
		3.159e+04	-2.408e+04	2.87e-04	0.0	30.0	-4871.34	-814.53	802.71	-5664.18	-0.03	3.159e+04
395	309	1.292e+05	-0.02	0.02	-180.00	0.0	-2806.90	-335.81	424.87	-4379.47	-1.275e+04	1.292e+05
		1.865e+04	-1.275e+04	2.10e-04	0.0	30.0	-2806.90	-515.81	424.87	-4379.47	-0.02	1.865e+04
395	310	1.300e+05	-0.02	0.02	-180.00	0.0	-2821.16	-344.03	415.18	-3792.42	-1.246e+04	1.300e+05
		1.853e+04	-1.246e+04	2.13e-04	0.0	30.0	-2821.16	-524.03	415.18	-3792.42	-0.02	1.853e+04
395	311	1.235e+05	-0.02	0.02	-180.00	0.0	-3978.04	-527.56	636.01	-5631.11	-1.908e+04	1.235e+05
		2.617e+04	-1.908e+04	2.67e-04	0.0	30.0	-3978.04	-707.56	636.01	-5631.11	-0.02	2.617e+04
395	313	1.627e+05	-9.21e-03	0.06	-180.00	0.0	-3476.57	-477.43	588.41	-4547.63	-1.765e+04	1.627e+05
		2.313e+04	-1.765e+04	4.46e-05	0.0	30.0	-3476.57	-657.43	588.41	-4547.63	-9.21e-03	2.313e+04
395	324	1.292e+05	-0.02	0.02	-180.00	0.0	-2806.90	-335.81	424.87	-4379.47	-1.275e+04	1.292e+05
		1.865e+04	-1.275e+04	2.10e-04	0.0	30.0	-2806.90	-515.81	424.87	-4379.47	-0.02	1.865e+04
395	325	1.348e+05	-0.03	0.01	-180.00	0.0	-2918.49	-380.73	413.11	-6199.91	-1.239e+04	1.348e+05
		2.331e+04	-1.239e+04	3.71e-04	0.0	30.0	-2918.49	-560.73	413.11	-6199.91	-0.03	2.331e+04
395	328	1.235e+05	-0.01	0.03	-180.00	0.0	-2695.31	-290.89	436.63	-2559.04	-1.310e+04	1.235e+05
		1.398e+04	-1.310e+04	4.82e-05	0.0	30.0	-2695.31	-470.89	436.63	-2559.04	-0.01	1.398e+04
395	329	1.348e+05	-0.02	0.01	-180.00	0.0	-2918.38	-380.55	422.99	-6586.26	-1.269e+04	1.348e+05
		2.334e+04	-1.269e+04	3.54e-04	0.0	30.0	-2918.38	-560.55	422.99	-6586.26	-0.02	2.334e+04
395	332	1.235e+05	-0.01	0.03	-180.00	0.0	-2695.43	-291.06	426.74	-2172.69	-1.280e+04	1.235e+05
		1.395e+04	-1.280e+04	6.59e-05	0.0	30.0	-2695.43	-471.06	426.74	-2172.69	-0.01	1.395e+04
395	355	1.286e+05	-5.89e-03	0.02	-180.00	0.0	-2787.64	-339.23	560.50	-6877.53	-1.682e+04	1.286e+05
		1.788e+04	-1.682e+04	-7.39e-05	0.0	30.0	-2787.64	-519.23	560.50	-6877.53	-5.89e-03	1.788e+04
395	361	1.320e+05	-0.02	0.02	-180.00	0.0	-2862.81	-358.45	423.36	-5485.89	-1.270e+04	1.320e+05
		2.100e+04	-1.270e+04	2.82e-04	0.0	30.0	-2862.81	-538.45	423.36	-5485.89	-0.02	2.100e+04
395	364	1.263e+05	-0.02	0.03	-180.00	0.0	-2751.00	-313.17	426.37	-3273.06	-1.279e+04	1.263e+05
		1.630e+04	-1.279e+04	1.37e-04	0.0	30.0	-2751.00	-493.17	426.37	-3273.06	-0.02	1.630e+04
395	387	1.289e+05	-0.01	0.02	-180.00	0.0	-2797.17	-337.38	492.34	-5615.29	-1.477e+04	1.289e+05
		1.826e+04	-1.477e+04	6.84e-05	0.0	30.0	-2797.17	-517.38	492.34	-5615.29	-0.01	1.826e+04
396	50	2.553e+05	2.26e-03	-0.11	-180.00	0.0	-886.07	897.01	-1001.61	3195.18	2.26e-03	3.516e+04
		3.516e+04	-3.005e+04	1.32e-04	0.0	30.0	-886.07	717.01	-1001.61	3195.18	-3.005e+04	2.553e+05
396	126	1.183e+05	-0.01	-0.02	-180.00	0.0	-414.37	473.82	-365.05	2795.87	-0.01	1.667e+04
		1.667e+04	-1.095e+04	-1.54e-04	0.0	30.0	-414.37	293.82	-365.05	2795.87	-1.095e+04	1.183e+05
396	149	3.503e+05	-0.05	-0.04	-243.00	0.0	-1201.54	1337.41	-1229.35	8241.25	-0.05	4.824e+04
		4.824e+04	-3.688e+04	-6.66e-04	0.0	30.0	-1201.54	1094.41	-1229.35	8241.25	-3.688e+04	3.503e+05
396	187	3.494e+05	-0.05	-0.04	-243.00	0.0	-1205.08	1326.94	-1230.07	8712.93	-0.05	4.841e+04
		4.841e+04	-3.690e+04	-6.79e-04	0.0	30.0	-1205.08	1083.94	-1230.07	8712.93	-3.690e+04	3.494e+05
396	231	1.611e+05	3.24e-04	-0.08	-180.00	0.0	-558.93	655.29	-575.94	2794.62	3.24e-04	2.225e+05
		2.225e+04	-1.728e+04	7.65e-05	0.0	30.0	-558.93	475.29	-575.94	2794.62	-1.728e+04	1.611e+05
396	269	1.246e+05	-0.02	-0.02	-180.00	0.0	-438.90	503.81	-394.97	3356.19	-0.02	1.762e+04
		1.762e+04	-1.185e+04	-1.77e-04	0.0	30.0	-438.90	323.81	-394.97	3356.19	-1.185e+04	1.246e+05
396	270	2.313e+05	-0.03	-0.03	-180.00	0.0	-811.56	852.73	-826.80	5606.53	-0.03	3.249e+04
		3.249e+04	-2.480e+04	-2.87e-04	0.0	30.0	-811.56	672.73	-826.80	5606.53	-2.480e+04	2.313e+05
396	289	2.307e+05	-0.03	-0.03	-180.00	0.0	-813.92	845.75	-827.28	5920.98	-0.03	3.261e+04
		3.261e+04	-2.482e+04	-2.95e-04	0.0	30.0	-813.92	665.75	-827.28	5920.98	-2.482e+04	2.307e+05
396	310	1.300e+05	-0.02	-0.02	-180.00	0.0	-460.45	524.06	-414.19	3742.42	-0.02	1.851e+04
		1.851e+04	-1.243e+04	-1.91e-04	0.0	30.0	-460.45	344.06	-414.19	3742.42	-1.243e+04	1.300e+05
396	311	1.853e+05	-0.02	-0.02	-180.00	0.0	-659.78	716.09	-643.57	5739.45	-0.02	2.649e+04
		2.649e+04	-1.931e+04	-2.76e-04	0.0	30.0	-659.78	536.09	-643.57	5739.45	-1.931e+04	1.853e+05
396	316	1.556e+05	-6.41e-03	-0.06	-180.00	0.0	-548.62	628.15	-556.74	3775.88	-6.41e-03	2.189e+04
		2.189e+04	-1.670e+04	-1.51e-05	0.0	30.0	-548.62	448.15	-556.74	3775.88	-1.670e+04	1.556e+05
396	324	1.291e+05	-0.02	-0.02	-180.00	0.0	-463.93	515.73	-424.77	4378.63	-0.02	1.864e+04
		1.864e+04	-1.274e+04	-2.10e-04	0.0	30.0	-463.93	335.73	-424.77	4378.63	-1.274e+04	1.291e+05
396	325	1.354e+05	-0.03	-0.02	-180.00	0.0	-606.70	543.34	-435.09	6019.47	-0.03	2.434e+04
		2.434e+04	-1.305e+04	-7.75e-04	0.0	30.0	-606.70	363.34	-435.09	6019.47	-1.305e+04	1.354e+05
396	329	1.354e+05	-0.03	-0.02	-180.00	0.0	-607.61	543.38	-444.39	6596.94	-0.03	2.435e+04
		2.435e+04	-1.333e+04	-7.95e-04	0.0	30.0	-607.61	363.38	-444.39	6596.94	-1.333e+04	1.354e+05
396	332	1.229e+05	-5.87e-03	-0.03	-180.00	0.0	-320.25	488.08	-405.15	2160.33	-5.87e-03	1.294e+04
		1.294e+04	-1.215e+04	3.75e-04	0.0	30.0	-320.25	308.08	-405.15	2160.33	-1.215e+04	1.229e+05
396	351	1.282e+05	-0.03	-0.02	-180.00	0.0	-434.60	533.15	-607.46	8405.30	-0.03	1.732e+04
		1.732e+04	-1.822e+04	-2.59e-04	0.0	30.0	-434.60	353.15	-607.46	8405.30	-1.822e+04	1.282e+05
396	352	1.265e+05	-3.20e-03	-0.02	-180.00	0.0	-409.33	485.96	-261.45	-204.17	-3.20e-03	1.661e+04
		1.661e+04	-7843.49	1.53e-04	0.0	30.0	-409.33	305.96	-261.45	-204.17	-7843.49	1.265e+05
396	357	1.323e+05	-0.02	-0.02	-180.00	0.0	-534.77	529.99	-429.30	5146.91	-0.02	2.148e+04
		2.148e+04	-1.288e+04	-4.77e-04	0.0	30.0	-534.77	349.99	-429.30	5146.91	-1.288e+04	1.323e+05
396	361	1.323e+05	-0.03	-0.02	-180.00	0.0	-535.90	529.66	-434.29	5487.44	-0.03	2.150e+04
		2.150e+04	-1.303e+04	-5.02e-04	0.0	30.0	-535.90	349.66	-434.29	5487.44	-1.303e+04	1.323e+05
396	364	1.260e+05	-0.01	-0.02	-180.00	0.0	-391.96	501.79	-415.25	3269.82	-0.01	1.579e+04
		1.579e+04	-1.246e+04	8.25e-05	0.0	30.0	-391.96	321.79	-415.25	3269.82	-1.246e+04	1.260e+05

396	383	1.287e+05	-0.02	-0.02	-180.00	0.0	-449.16	524.36	-515.65	6379.18	-0.02	1.798e+04
		1.798e+04	-1.547e+04	-2.34e-04	0.0	30.0	-449.16	344.36	-515.65	6379.18	-1.547e+04	1.287e+05
396	384	1.278e+05	-0.01	-0.02	-180.00	0.0	-2339.37	500.84	-343.65	2098.10	-0.01	1.763e+04
		1.763e+04	-1.031e+04	-2.88e-05	0.0	30.0	-436.64	320.84	-343.65	2098.10	-1.031e+04	1.278e+05
397	49	2.915e+05	2.640e+04	0.04	-243.00	0.0	-6316.17	-900.86	-879.97	1.351e+04	2.640e+04	2.915e+05
		4.440e+04	0.04	-3.52e-04	0.0	30.0	-6316.17	-1143.86	-879.97	1.351e+04	0.04	4.440e+04
397	126	1.061e+05	1.100e+04	0.02	-180.00	0.0	-2339.37	-218.93	-366.65	4819.68	1.100e+04	1.061e+05
		1.601e+04	0.02	-1.71e-04	0.0	30.0	-2339.37	-398.93	-366.65	4819.68	0.02	1.601e+04
397	164	1.070e+05	1.099e+04	0.02	-180.00	0.0	-2352.00	-229.33	-366.45	4377.26	1.099e+04	1.070e+05
		1.585e+04	0.02	-1.70e-04	0.0	30.0	-2352.00	-409.33	-366.45	4377.26	0.02	1.585e+04
397	231	1.717e+05	1.769e+04	0.02	-180.00	0.0	-3707.84	-511.78	-589.62	6674.94	1.769e+04	1.717e+05
		2.545e+04	0.02	-1.04e-04	0.0	30.0	-3707.84	-691.78	-589.62	6674.94	0.02	2.545e+04
397	263	1.920e+05	1.832e+04	0.03	-180.00	0.0	-4169.08	-562.02	-610.81	7844.26	1.832e+04	1.920e+05
		2.833e+04	0.03	-3.46e-04	0.0	30.0	-4169.08	-742.02	-610.81	7844.26	0.03	2.833e+04
397	269	1.165e+05	1.188e+04	0.02	-180.00	0.0	-2545.94	-273.98	-395.98	4700.27	1.188e+04	1.165e+05
		1.718e+04	0.02	-1.88e-04	0.0	30.0	-2545.94	-453.98	-395.98	4700.27	0.02	1.718e+04
397	288	1.171e+05	1.188e+04	0.02	-180.00	0.0	-2554.36	-280.92	-395.84	4405.32	1.188e+04	1.171e+05
		1.708e+04	0.02	-1.88e-04	0.0	30.0	-2554.36	-460.92	-395.84	4405.32	0.02	1.708e+04
397	289	2.025e+05	1.787e+04	0.03	-180.00	0.0	-4388.13	-621.17	-595.56	9029.72	1.787e+04	2.025e+05
		3.019e+04	0.04	-4.13e-04	0.0	30.0	-4388.13	-801.17	-595.56	9029.72	0.04	3.019e+04
397	309	1.292e+05	1.275e+04	0.02	-180.00	0.0	-2806.90	-335.81	-424.87	4379.47	1.275e+04	1.292e+05
		1.865e+04	0.02	-2.10e-04	0.0	30.0	-2806.90	-515.81	-424.87	4379.47	0.02	1.865e+04
397	310	1.283e+05	1.304e+04	0.02	-180.00	0.0	-2792.65	-327.58	-434.56	4966.53	1.304e+04	1.283e+05
		1.876e+04	0.02	-2.07e-04	0.0	30.0	-2792.65	-507.58	-434.56	4966.53	0.02	1.876e+04
397	311	1.754e+05	1.636e+04	0.02	-180.00	0.0	-3792.67	-525.99	-545.45	6625.59	1.636e+04	1.754e+05
		2.556e+04	0.03	-3.20e-04	0.0	30.0	-3792.67	-705.99	-545.45	6625.59	0.03	2.556e+04
397	316	1.681e+05	1.689e+04	0.02	-180.00	0.0	-3627.88	-502.80	-562.88	5872.79	1.689e+04	1.681e+05
		2.455e+04	0.02	-1.43e-04	0.0	30.0	-3627.88	-682.80	-562.88	5872.79	0.02	2.455e+04
397	324	1.292e+05	1.275e+04	0.02	-180.00	0.0	-2806.90	-335.81	-424.87	4379.47	1.275e+04	1.292e+05
		1.865e+04	0.02	-2.10e-04	0.0	30.0	-2806.90	-515.81	-424.87	4379.47	0.02	1.865e+04
397	334	1.348e+05	1.244e+04	0.01	-180.00	0.0	-2918.63	-382.34	-414.62	6194.45	1.244e+04	1.348e+05
		2.332e+04	0.03	-3.71e-04	0.0	30.0	-2918.63	-562.34	-414.62	6194.45	0.03	2.332e+04
397	335	1.235e+05	1.305e+04	0.03	-180.00	0.0	-2695.17	-289.27	-435.11	2564.50	1.305e+04	1.235e+05
		1.398e+04	0.01	-4.89e-05	0.0	30.0	-2695.17	-469.27	-435.11	2564.50	0.01	1.398e+04
397	339	1.235e+05	1.280e+04	0.03	-180.00	0.0	-2695.43	-291.06	-426.74	2172.69	1.280e+04	1.235e+05
		1.395e+04	0.01	-6.59e-05	0.0	30.0	-2695.43	-471.06	-426.74	2172.69	0.01	1.395e+04
397	352	1.286e+05	1.682e+04	0.02	-180.00	0.0	-2787.64	-339.23	-560.50	6877.53	1.682e+04	1.286e+05
		1.788e+04	5.89e-03	7.39e-05	0.0	30.0	-2787.64	-519.23	-560.50	6877.53	5.89e-03	1.788e+04
397	370	1.320e+05	1.270e+04	0.02	-180.00	0.0	-2862.80	-358.45	-423.36	5485.89	1.270e+04	1.320e+05
		2.100e+04	0.02	-2.82e-04	0.0	30.0	-2862.80	-538.45	-423.36	5485.89	0.02	2.100e+04
397	371	1.263e+05	1.279e+04	0.03	-180.00	0.0	-2751.00	-313.17	-426.37	3273.06	1.279e+04	1.263e+05
		1.630e+04	0.02	-1.37e-04	0.0	30.0	-2751.00	-493.17	-426.37	3273.06	0.02	1.630e+04
397	384	1.289e+05	1.477e+04	0.02	-180.00	0.0	-2797.17	-337.38	-492.34	5615.29	1.477e+04	1.289e+05
		1.826e+04	0.01	-6.84e-05	0.0	30.0	-2797.17	-517.38	-492.34	5615.29	0.01	1.826e+04
398	73	3.018e+05	2.679e+04	-0.04	-243.00	0.0	-1100.69	1207.63	893.12	-1.276e+04	0.05	4.471e+04
		4.471e+04	0.05	5.81e-04	0.0	30.0	-1100.69	964.63	893.12	-1.276e+04	2.679e+04	3.018e+05
398	117	2.835e+05	2.744e+04	-0.04	-243.00	0.0	-1045.32	1097.02	914.51	-1.164e+04	0.04	4.218e+04
		4.218e+04	0.04	3.68e-04	0.0	30.0	-1045.32	854.02	914.51	-1.164e+04	2.744e+04	2.835e+05
398	149	2.980e+05	2.700e+04	-0.04	-243.00	0.0	-1113.06	1174.55	899.87	-1.372e+04	0.04	4.514e+04
		4.514e+04	0.04	4.00e-04	0.0	30.0	-1113.06	931.55	899.87	-1.372e+04	2.700e+04	2.980e+05
398	164	1.158e+05	1.191e+04	-0.02	-180.00	0.0	-424.84	448.70	396.93	-4713.00	0.02	1.707e+04
		1.707e+04	0.02	2.12e-04	0.0	30.0	-424.84	268.70	396.93	-4713.00	1.191e+04	1.158e+05
398	206	1.251e+05	1.229e+04	-0.02	-180.00	0.0	-451.93	491.64	409.83	-4333.79	0.02	1.820e+04
		1.820e+04	0.02	2.04e-04	0.0	30.0	-451.93	311.64	409.83	-4333.79	1.229e+04	1.251e+05
398	265	1.894e+05	1.927e+04	-0.02	-180.00	0.0	-692.60	740.97	642.40	-7159.75	0.02	2.784e+04
		2.784e+04	0.02	2.09e-04	0.0	30.0	-692.60	560.97	642.40	-7159.75	1.927e+04	1.894e+05
398	270	2.089e+05	1.861e+04	-0.03	-180.00	0.0	-770.87	825.42	620.22	-9630.43	0.04	3.133e+04
		3.133e+04	0.04	4.36e-04	0.0	30.0	-770.87	645.42	620.22	-9630.43	1.861e+04	2.089e+05
398	288	1.230e+05	1.248e+04	-0.02	-180.00	0.0	-445.86	487.14	416.13	-4628.61	0.02	1.789e+04
		1.789e+04	0.02	2.15e-04	0.0	30.0	-445.86	307.14	416.13	-4628.61	1.248e+04	1.230e+05
398	289	2.095e+05	1.859e+04	-0.03	-180.00	0.0	-768.51	832.40	619.74	-9315.97	0.04	3.122e+04
		3.122e+04	0.04	4.27e-04	0.0	30.0	-768.51	652.40	619.74	-9315.97	1.859e+04	2.095e+05
398	300	1.766e+05	1.809e+04	-0.02	-180.00	0.0	-643.43	719.42	603.07	-6509.85	0.02	2.582e+04
		2.582e+04	0.02	1.42e-04	0.0	30.0	-643.43	539.42	603.07	-6509.85	1.809e+04	1.766e+05
398	309	1.291e+05	1.274e+04	-0.02	-180.00	0.0	-463.93	515.73	424.77	-4378.63	0.02	1.864e+04
		1.864e+04	0.02	2.10e-04	0.0	30.0	-463.93	335.73	424.77	-4378.63	1.274e+04	1.291e+05
398	311	1.773e+05	1.657e+04	-0.02	-180.00	0.0	-639.79	714.59	552.31	-6716.51	0.03	2.587e+04
		2.587e+04	0.03	3.17e-04	0.0	30.0	-639.79	534.59	552.31	-6716.51	1.657e+04	1.773e+05
398	313	1.683e+05	1.684e+04	-0.02	-180.00	0.0	-608.50	685.27	561.42	-5753.53	0.02	2.445e+04
		2.445e+04	0.02	1.53e-04	0.0	30.0	-608.50	505.27	561.42	-5753.53	1.684e+04	1.683e+05
398	317	1.286e+05	1.228e+04	-0.03	-180.00	0.0	-463.30	513.57	409.19	-4528.30	0.02	1.865e+04
		1.865e+04	0.02	2.27e-04	0.0	30.0	-463.30	333.57	409.19	-4528.30	1.228e+04	1.286e+05
398	324	1.291e+05	1.274e+04	-0.02	-180.00	0.0	-463.93	515.73	424.77	-4378.63	0.02	1.864e+04
		1.864e+04	0.02	2.10e-04	0.0	30.0	-463.93	335.73	424.77	-4378.63	1.274e+04	1.291e+05
398	334	1.354e+05	1.310e+04	-0.02	-180.00	0.0	-605.79	545.74	436.62	-5994.73	0.03	2.430e+04
		2.430e+04	0.03	7.74e-04	0.0	30.0	-605.79	365.74	436.62	-5994.73	1.310e+04	1.354e+05
398	338	1.354e+05	1.333e+04	-0.02	-180.00	0.0	-607.61	543.38	444.39	-6596.94	0.03	2.435e+04

		2.435e+04	0.03	7.95e-04	0.0	30.0	-607.61	363.38	444.39	-6596.94	1.333e+04	1.354e+05
398	339	1.229e+05	1.215e+04	-0.03	-180.00	0.0	-320.25	488.08	405.15	-2160.33	5.87e-03	1.294e+04
		1.294e+04	5.87e-03	-3.75e-04	0.0	30.0	-320.25	308.08	405.15	-2160.33	1.215e+04	1.229e+05
398	355	1.265e+05	7843.49	-0.02	-180.00	0.0	-409.33	485.96	261.45	204.16	3.20e-03	1.661e+04
		1.661e+04	3.20e-03	-1.53e-04	0.0	30.0	-409.33	305.96	261.45	204.16	7843.49	1.265e+05
398	356	1.282e+05	1.822e+04	-0.02	-180.00	0.0	-434.59	533.15	607.46	-8405.30	0.03	1.732e+04
		1.732e+04	0.03	2.59e-04	0.0	30.0	-434.59	353.15	607.46	-8405.30	1.822e+04	1.282e+05
398	366	1.323e+05	1.288e+04	-0.02	-180.00	0.0	-534.77	529.99	429.30	-5146.91	0.02	2.148e+04
		2.148e+04	0.02	4.77e-04	0.0	30.0	-534.77	349.99	429.30	-5146.91	1.288e+04	1.323e+05
398	370	1.323e+05	1.303e+04	-0.02	-180.00	0.0	-535.90	529.66	434.29	-5487.44	0.03	2.150e+04
		2.150e+04	0.03	5.02e-04	0.0	30.0	-535.90	349.66	434.29	-5487.44	1.303e+04	1.323e+05
398	371	1.145e+05	1.246e+04	-0.02	-180.00	0.0	-391.96	501.79	415.25	-3269.82	0.01	1.579e+04
		1.579e+04	0.01	-8.25e-05	0.0	30.0	-391.96	321.79	415.25	-3269.82	1.246e+04	1.260e+05
398	387	1.278e+05	1.031e+04	-0.02	-180.00	0.0	-436.64	500.84	343.65	-2098.10	0.01	1.763e+04
		1.763e+04	0.01	2.88e-05	0.0	30.0	-436.64	320.84	343.65	-2098.10	1.031e+04	1.278e+05
398	388	1.287e+05	1.547e+04	-0.02	-180.00	0.0	-449.16	524.36	515.65	-6379.18	0.02	1.798e+04
		1.798e+04	0.02	2.34e-04	0.0	30.0	-449.16	344.36	515.65	-6379.18	1.547e+04	1.287e+05
399	73	2.815e+05	-0.05	0.03	-243.00	0.0	-6083.21	-782.94	1372.87	-1.578e+04	-4.119e+04	2.815e+05
		3.362e+04	-4.119e+04	2.05e-04	0.0	30.0	-6083.21	-1025.94	1372.87	-1.578e+04	-0.05	3.362e+04
399	126	1.145e+05	-0.02	0.02	-180.00	0.0	-2289.28	-142.57	510.31	-5238.26	-1.531e+04	1.028e+05
		1.270e+04	-1.531e+04	8.42e-05	0.0	30.0	-2289.28	-322.57	510.31	-5238.26	-0.02	1.270e+04
399	150	1.874e+05	0.04	0.09	-180.00	0.0	-3752.06	-691.12	852.06	-7558.88	-2.556e+04	1.874e+05
		1.567e+04	-2.556e+04	-5.38e-04	0.0	30.0	-3752.06	-871.12	852.06	-7558.88	0.04	1.567e+04
399	269	1.145e+05	-0.03	0.02	-180.00	0.0	-2554.26	-169.45	586.22	-6140.20	-1.759e+04	1.145e+05
		1.478e+04	-1.759e+04	1.30e-04	0.0	30.0	-2554.26	-349.45	586.22	-6140.20	-0.03	1.478e+04
399	281	1.396e+05	0.01	0.07	-180.00	0.0	-2897.26	-388.22	664.19	-6341.16	-1.993e+04	1.396e+05
		1.433e+04	-1.993e+04	-2.54e-04	0.0	30.0	-2897.26	-568.22	664.19	-6341.16	0.01	1.433e+04
399	284	1.311e+05	2.02e-03	0.06	-180.00	0.0	-2764.30	-324.72	634.81	-6134.12	-1.904e+04	1.311e+05
		1.416e+04	-1.904e+04	-1.63e-04	0.0	30.0	-2764.30	-504.72	634.81	-6134.12	2.02e-03	1.416e+04
399	289	1.955e+05	-0.04	0.03	-180.00	0.0	-4227.85	-526.51	986.69	-1.086e+04	-2.915e+04	1.955e+05
		2.343e+04	-2.915e+04	1.61e-04	-30.06	30.0	-4227.85	-706.51	956.63	-1.086e+04	-0.04	2.343e+04
399	310	1.272e+05	-0.03	0.02	-180.00	0.0	-2826.29	-218.50	644.13	-7122.30	-1.932e+04	1.272e+05
		1.653e+04	-1.932e+04	1.62e-04	0.0	30.0	-2826.29	-398.50	644.13	-7122.30	-0.03	1.653e+04
399	311	1.741e+05	-0.05	0.02	-180.00	0.0	-3812.06	-416.64	867.27	-1.049e+04	-2.602e+04	1.741e+05
		2.226e+04	-2.602e+04	2.26e-04	0.0	30.0	-3812.06	-596.64	867.27	-1.049e+04	-0.05	2.226e+04
399	313	1.468e+05	-8.31e-03	0.06	-180.00	0.0	-3104.99	-381.14	715.73	-7815.75	-2.147e+04	1.468e+05
		1.681e+04	-2.147e+04	-9.37e-05	0.0	30.0	-3104.99	-561.14	715.73	-7815.75	-8.31e-03	1.681e+04
399	324	1.302e+05	-0.04	0.02	-180.00	0.0	-2894.95	-225.87	667.13	-7821.82	-2.001e+04	1.302e+05
		1.743e+04	-2.001e+04	1.99e-04	0.0	30.0	-2894.95	-405.87	667.13	-7821.82	-0.04	1.743e+04
399	340	1.242e+05	-9.74e-03	0.03	-180.00	0.0	-2782.58	-179.04	515.38	-3314.72	-1.546e+04	1.242e+05
		1.273e+04	-1.546e+04	-2.02e-04	0.0	30.0	-2782.58	-359.04	515.38	-3314.72	-9.74e-03	1.273e+04
399	349	1.366e+05	-0.06	0.02	-180.00	0.0	-3013.81	-290.05	845.04	-1.299e+04	-2.535e+04	1.366e+05
		2.229e+04	-2.535e+04	3.18e-04	0.0	30.0	-3013.81	-470.05	845.04	-1.299e+04	-0.06	2.229e+04
399	353	1.367e+05	-0.06	0.02	-180.00	0.0	-3015.33	-289.77	843.60	-1.296e+04	-2.531e+04	1.367e+05
		2.235e+04	-2.531e+04	3.51e-04	0.0	30.0	-3015.33	-469.77	843.60	-1.296e+04	-0.06	2.235e+04
399	356	1.236e+05	-0.01	0.03	-180.00	0.0	-2774.57	-161.98	490.67	-2687.98	-1.472e+04	1.236e+05
		1.251e+04	-1.472e+04	4.67e-05	0.0	30.0	-2774.57	-341.98	490.67	-2687.98	-0.01	1.251e+04
399	372	1.272e+05	-0.02	0.03	-180.00	0.0	-2838.60	-202.54	590.95	-5570.27	-1.773e+04	1.272e+05
		1.508e+04	-1.773e+04	1.82e-05	0.0	30.0	-2838.60	-382.54	590.95	-5570.27	-0.02	1.508e+04
399	381	1.334e+05	-0.05	0.02	-180.00	0.0	-2954.13	-257.61	755.72	-1.039e+04	-2.267e+04	1.334e+05
		1.985e+04	-2.267e+04	2.58e-04	0.0	30.0	-2954.13	-437.61	755.72	-1.039e+04	-0.05	1.985e+04
399	385	1.334e+05	-0.05	0.02	-180.00	0.0	-2954.89	-257.46	754.99	-1.037e+04	-2.265e+04	1.334e+05
		1.988e+04	-2.265e+04	2.74e-04	0.0	30.0	-2954.89	-437.46	754.99	-1.037e+04	-0.05	1.988e+04
399	388	1.269e+05	-0.02	0.02	-180.00	0.0	-2835.01	-194.28	579.28	-5269.55	-1.738e+04	1.269e+05
		1.498e+04	-1.738e+04	1.23e-04	0.0	30.0	-2835.01	-374.28	579.28	-5269.55	-0.02	1.498e+04
400	50	1.813e+05	0.05	-0.09	-180.00	0.0	-362.83	853.29	-817.66	6760.96	0.05	1.453e+04
		1.453e+04	-2.453e+04	6.30e-04	0.0	30.0	-362.83	673.29	-817.66	6760.96	-2.453e+04	1.813e+05
400	52	1.455e+05	0.03	-0.07	-180.00	0.0	-309.20	640.51	-660.70	5542.16	0.03	1.281e+04
		1.281e+04	-1.982e+04	4.53e-04	0.0	30.0	-309.20	460.51	-660.70	5542.16	-1.982e+04	1.455e+05
400	73	2.928e+05	-0.07	-0.03	-243.00	0.0	-859.93	1062.86	-1431.80	1.704e+04	-0.07	3.551e+04
		3.551e+04	-4.295e+04	-3.16e-04	0.0	30.0	-859.93	819.86	-1431.80	1.704e+04	-4.295e+04	2.928e+05
400	231	1.343e+05	0.02	-0.07	-180.00	0.0	-313.35	552.48	-635.16	5675.70	0.02	1.337e+04
		1.337e+04	-1.905e+04	3.39e-04	0.0	30.0	-313.35	372.48	-635.16	5675.70	-1.905e+04	1.343e+05
400	289	2.024e+05	-0.04	-0.03	-180.00	0.0	-585.89	734.84	-986.98	1.131e+04	-0.04	2.425e+04
		2.425e+04	-3.006e+04	-1.72e-04	-30.06	30.0	-585.89	554.84	-1017.04	1.131e+04	-3.006e+04	2.024e+05
400	311	1.759e+05	-0.05	-0.02	-180.00	0.0	-535.94	604.05	-874.87	1.059e+04	-0.05	2.244e+04
		2.244e+04	-2.625e+04	-2.36e-04	0.0	30.0	-535.94	424.05	-874.87	1.059e+04	-2.625e+04	1.759e+05
400	316	1.388e+05	-8.28e-04	-0.06	-180.00	0.0	-364.62	533.95	-675.28	6987.13	-8.28e-04	1.550e+04
		1.550e+04	-2.026e+04	1.52e-04	0.0	30.0	-364.62	353.95	-675.28	6987.13	-2.026e+04	1.388e+05
400	319	1.729e+05	-0.06	-0.02	-180.00	0.0	-552.69	572.36	-864.22	1.114e+04	-0.06	2.329e+04
		2.329e+04	-2.593e+04	-3.28e-04	0.0	30.0	-552.69	392.36	-864.22	1.114e+04	-2.593e+04	1.729e+05
400	324	1.301e+05	-0.04	-0.02	-180.00	0.0	-407.16	405.79	-667.02	7820.44	-0.04	1.743e+04
		1.743e+04	-2.001e+04	-1.99e-04	0.0	30.0	-407.16	225.79	-667.02	7820.44	-2.001e+04	1.301e+05
400	349	1.378e+05	-0.08	-0.02	-180.00	0.0	-577.85	474.24	-901.29	1.421e+04	-0.08	2.407e+04
		2.407e+04	-2.704e+04	-8.92e-04	0.0	30.0	-577.85	294.24	-901.29	1.421e+04	-2.704e+04	1.378e+05
400	352	1.225e+05	7.25e-03	-0.02	-180.00	0.0	-236.47	337.34	-432.74	1433.67	7.25e-03	1.078e+04
		1.078e+04	-1.298e+04	4.95e-04	0.0	30.0	-236.47	157.34	-432.74	1433.67	-1.298e+04	1.225e+05

400	353	1.378e+05	-0.08	-0.02	-180.00	0.0	-577.19	474.17	-904.28	1.433e+04	-0.08	2.404e+04
		2.404e+04	-2.713e+04	-7.38e-04	0.0	30.0	-577.19	294.17	-904.28	1.433e+04	-2.713e+04	1.378e+05
400	381	1.340e+05	-0.06	-0.02	-180.00	0.0	-492.15	439.63	-783.62	1.100e+04	-0.06	2.074e+04
		2.074e+04	-2.351e+04	-5.44e-04	0.0	30.0	-492.15	259.63	-783.62	1.100e+04	-2.351e+04	1.340e+05
400	384	1.263e+05	-0.01	-0.02	-180.00	0.0	-322.18	371.95	-550.42	4642.04	-0.01	1.412e+04
		1.412e+04	-1.651e+04	1.47e-04	0.0	30.0	-322.18	191.95	-550.42	4642.04	-1.651e+04	1.263e+05
400	385	1.340e+05	-0.06	-0.02	-180.00	0.0	-491.82	439.59	-785.12	1.106e+04	-0.06	2.072e+04
		2.072e+04	-2.355e+04	-4.67e-04	0.0	30.0	-491.82	259.59	-785.12	1.106e+04	-2.355e+04	1.340e+05
401	57	1.215e+05	5.531e+04	0.07	-243.00	0.0	-7319.61	5465.52	-1843.57	7467.69	5.531e+04	1.215e+05
		4.708e+04	0.09	-6.98e-04	0.0	30.0	-7319.61	5222.52	-1843.57	7467.69	0.09	4.708e+04
401	73	3.725e+05	5.492e+04	0.04	-243.00	0.0	-8296.01	-853.47	-1830.60	2.622e+04	5.492e+04	3.725e+05
		5.392e+04	0.12	-6.32e-04	0.0	30.0	-8296.01	-1096.47	-1830.60	2.622e+04	0.12	5.392e+04
401	164	1.218e+05	1.876e+04	0.02	-180.00	0.0	-2709.80	-203.76	-625.29	8117.02	1.876e+04	1.218e+05
		1.679e+04	0.04	-2.38e-04	0.0	30.0	-2709.80	-383.76	-625.29	8117.02	0.04	1.679e+04
401	206	1.262e+05	1.895e+04	0.02	-180.00	0.0	-2800.29	-227.17	-631.72	7763.91	1.895e+04	1.262e+05
		1.668e+04	0.04	-1.88e-04	0.0	30.0	-2800.29	-407.17	-631.72	7763.91	0.04	1.668e+04
401	235	2.323e+04	3.042e+04	0.03	-180.00	0.0	-3713.50	4171.12	-1014.06	-112.19	3.042e+04	1.616e+04
		1.616e+04	0.04	-2.96e-04	0.0	30.0	-3713.50	3991.12	-1014.06	-112.19	0.04	2.323e+04
401	270	2.456e+05	3.683e+04	0.03	-180.00	0.0	-5501.35	-509.27	-1242.67	1.700e+04	3.683e+04	2.456e+05
		3.529e+04	0.09	-5.65e-04	30.06	30.0	-5501.35	-689.27	-1212.61	1.700e+04	0.09	3.529e+04
401	288	1.272e+05	1.988e+04	0.02	-180.00	0.0	-2833.74	-210.14	-662.61	8052.14	1.988e+04	1.272e+05
		1.749e+04	0.04	-2.32e-04	0.0	30.0	-2833.74	-390.14	-662.61	8052.14	0.04	1.749e+04
401	309	1.301e+05	2.001e+04	0.02	-180.00	0.0	-2894.44	-225.79	-667.02	7820.35	2.001e+04	1.301e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.44	-405.79	-667.02	7820.35	0.04	1.743e+04
401	311	1.905e+05	2.835e+04	0.03	-180.00	0.0	-4238.92	-398.98	-945.16	1.228e+04	2.835e+04	1.905e+05
		2.609e+04	0.06	-3.47e-04	0.0	30.0	-4238.92	-578.98	-945.16	1.228e+04	0.06	2.609e+04
401	317	4.504e+04	2.764e+04	0.03	-180.00	0.0	-3513.66	3066.32	-921.26	1493.85	2.764e+04	4.504e+04
		2.139e+04	0.03	-2.35e-04	0.0	30.0	-3513.66	2886.32	-921.26	1493.85	0.03	2.139e+04
401	324	1.301e+05	2.001e+04	0.02	-180.00	0.0	-2894.44	-225.79	-667.02	7820.35	2.001e+04	1.301e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.44	-405.79	-667.02	7820.35	0.04	1.743e+04
401	350	1.379e+05	2.798e+04	0.02	-180.00	0.0	-3051.63	-296.28	-932.54	1.367e+04	2.798e+04	1.379e+05
		2.358e+04	0.07	-7.48e-04	0.0	30.0	-3051.63	-476.28	-932.54	1.367e+04	0.07	2.358e+04
401	351	1.224e+05	1.205e+04	0.02	-180.00	0.0	-2737.24	-155.30	-401.50	1972.87	1.205e+04	1.224e+05
		1.127e+04	1.32e-03	3.50e-04	0.0	30.0	-2737.24	-335.30	-401.50	1972.87	1.32e-03	1.127e+04
401	354	1.379e+05	2.806e+04	0.02	-180.00	0.0	-3050.43	-296.43	-935.43	1.376e+04	2.806e+04	1.379e+05
		2.350e+04	0.07	-7.03e-04	0.0	30.0	-3050.43	-476.43	-935.43	1.376e+04	0.07	2.350e+04
401	382	1.340e+05	2.397e+04	0.02	-180.00	0.0	-2972.64	-260.69	-799.12	1.073e+04	2.397e+04	1.340e+05
		2.049e+04	0.05	-4.72e-04	0.0	30.0	-2972.64	-440.69	-799.12	1.073e+04	0.05	2.049e+04
401	383	1.263e+05	1.605e+04	0.02	-180.00	0.0	-2816.24	-190.89	-534.92	4911.98	1.605e+04	1.263e+05
		1.437e+04	0.02	7.44e-05	0.0	30.0	-2816.24	-370.89	-534.92	4911.98	0.02	1.437e+04
401	386	1.340e+05	2.402e+04	0.02	-180.00	0.0	-2972.04	-260.77	-800.56	1.077e+04	2.402e+04	1.340e+05
		2.045e+04	0.05	-4.49e-04	0.0	30.0	-2972.04	-440.77	-800.56	1.077e+04	0.05	2.045e+04
402	49	3.791e+05	5.583e+04	-0.04	-242.99	0.0	-1304.68	1122.73	1860.97	-2.673e+04	0.12	5.487e+04
		5.487e+04	0.12	6.44e-04	0.0	30.0	-1304.68	879.74	1860.97	-2.673e+04	5.583e+04	3.791e+05
402	206	1.262e+05	1.895e+04	-0.02	-179.99	0.0	-393.19	407.17	631.72	-7764.00	0.04	1.668e+05
		1.668e+04	0.04	1.88e-04	0.0	30.0	-393.19	227.18	631.72	-7764.00	1.895e+04	1.262e+05
402	239	7.716e+04	2.289e+04	-0.03	-179.99	0.0	-479.37	-1547.00	763.03	-5212.66	0.04	1.976e+04
		1.976e+04	0.04	2.62e-04	0.0	30.0	-479.37	-1726.99	763.03	-5212.66	2.289e+04	7.716e+04
402	270	2.548e+05	3.804e+04	-0.03	-179.99	0.0	-856.89	726.50	1252.99	-1.759e+04	0.10	3.636e+04
		3.636e+04	0.10	5.83e-04	30.06	30.0	-856.89	546.51	1283.05	-1.759e+04	3.804e+04	2.548e+05
402	287	1.322e+05	2.053e+04	-0.02	-179.99	0.0	-423.75	411.47	684.33	-8349.70	0.04	1.808e+04
		1.808e+04	0.04	2.34e-04	0.0	30.0	-423.75	231.47	684.33	-8349.70	2.053e+04	1.322e+05
402	309	1.301e+05	2.001e+04	-0.02	-179.99	0.0	-407.17	405.79	667.01	-7820.45	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.17	225.80	667.01	-7820.45	2.001e+04	1.301e+05
402	311	1.941e+05	2.883e+04	-0.03	-179.99	0.0	-623.94	593.87	961.00	-1.249e+04	0.06	2.647e+04
		2.647e+04	0.06	3.55e-04	0.0	30.0	-623.94	413.87	961.00	-1.249e+04	2.883e+04	1.941e+05
402	318	8.756e+04	2.156e+04	-0.03	-179.99	0.0	-440.93	-1066.30	718.57	-5261.82	0.03	1.837e+04
		1.837e+04	0.03	2.04e-04	0.0	30.0	-440.93	-1246.29	718.57	-5261.82	2.156e+04	8.756e+04
402	324	1.301e+05	2.001e+04	-0.02	-179.99	0.0	-407.17	405.79	667.01	-7820.45	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.17	225.80	667.01	-7820.45	2.001e+04	1.301e+05
402	342	1.379e+05	2.666e+04	-0.02	-179.99	0.0	-541.41	497.88	888.59	-1.265e+04	0.06	2.288e+04
		2.288e+04	0.06	4.71e-04	0.0	30.0	-541.41	317.89	888.59	-1.265e+04	2.666e+04	1.379e+05
402	346	1.379e+05	2.652e+04	-0.02	-179.99	0.0	-543.07	497.74	884.07	-1.250e+04	0.06	2.294e+04
		2.294e+04	0.06	5.37e-04	0.0	30.0	-543.07	317.74	884.07	-1.250e+04	2.652e+04	1.379e+05
402	347	1.224e+05	1.350e+04	-0.02	-179.99	0.0	-271.27	313.84	449.96	-3136.99	0.01	1.191e+04
		1.191e+04	0.01	-1.40e-04	0.0	30.0	-271.27	133.85	449.96	-3136.99	1.350e+04	1.224e+05
402	354	1.375e+05	2.645e+04	-0.02	-179.99	0.0	-553.79	469.71	881.76	-1.256e+04	0.06	2.327e+04
		2.327e+04	0.06	4.44e-04	0.0	30.0	-553.79	289.72	881.76	-1.256e+04	2.645e+04	1.375e+05
402	355	1.228e+05	1.357e+04	-0.02	-179.99	0.0	-260.55	341.87	452.26	-3083.71	0.02	1.159e+04
		1.159e+04	0.02	-4.88e-05	0.0	30.0	-260.55	161.88	452.26	-3083.71	1.357e+04	1.228e+05
402	379	1.269e+05	1.752e+04	-0.02	-179.99	0.0	-346.17	368.66	584.13	-5791.91	0.02	1.498e+04
		1.498e+04	0.02	1.25e-05	0.0	30.0	-346.17	188.66	584.13	-5791.91	1.752e+04	1.269e+05
402	382	1.338e+05	2.328e+04	-0.02	-179.99	0.0	-479.27	437.45	776.04	-1.025e+04	0.05	2.030e+04
		2.030e+04	0.05	2.88e-04	0.0	30.0	-479.27	257.45	776.04	-1.025e+04	2.328e+04	1.338e+05
402	386	1.338e+05	2.321e+04	-0.02	-179.99	0.0	-480.10	437.38	773.77	-1.017e+04	0.05	2.033e+04
		2.033e+04	0.05	3.21e-04	0.0	30.0	-480.10	257.38	773.77	-1.017e+04	2.321e+04	1.338e+05
402	387	1.265e+05	1.681e+04	-0.02	-179.99	0.0	-334.24	374.20	560.25	-5466.17	0.03	1.452e+04

		1.452e+04	0.03	7.64e-05	0.0	30.0	-334.24	194.21	560.25	-5466.17	1.681e+04	1.265e+05
403	50	2.556e+05	2.27e-03	0.11	-180.00	0.0	-5511.38	-717.58	1004.16	-3297.01	-3.012e+04	2.556e+05
		3.532e+04	-3.012e+04	-1.33e-04	0.0	30.0	-5511.38	-897.58	1004.16	-3297.01	2.27e-03	3.532e+05
403	73	3.434e+05	-0.05	0.04	-243.00	0.0	-7436.16	-1058.64	1208.37	-8378.86	-3.625e+04	3.434e+05
		4.755e+04	-3.625e+04	6.92e-04	0.0	30.0	-7436.16	-1301.64	1208.37	-8378.86	-0.05	4.755e+05
403	126	1.190e+05	-0.01	0.02	-180.00	0.0	-2590.77	-297.51	366.58	-2783.05	-1.100e+04	1.190e+05
		1.673e+04	-1.100e+04	1.70e-04	0.0	30.0	-2590.77	-477.51	366.58	-2783.05	-0.01	1.673e+05
403	164	1.179e+05	-0.02	0.02	-180.00	0.0	-2574.81	-285.90	367.02	-3267.16	-1.101e+04	1.179e+05
		1.689e+04	-1.101e+04	1.78e-04	0.0	30.0	-2574.81	-465.90	367.02	-3267.16	-0.02	1.689e+05
403	187	3.395e+05	-0.04	0.04	-243.00	0.0	-7366.29	-1021.79	1222.67	-9697.89	-3.668e+04	3.395e+05
		4.827e+04	-3.668e+04	4.85e-04	0.0	30.0	-7366.29	-1264.79	1222.67	-9697.89	-0.04	4.827e+05
403	231	1.615e+05	4.42e-05	0.08	-180.00	0.0	-3430.65	-476.82	578.07	-2856.39	-1.734e+04	1.615e+05
		2.237e+04	-1.734e+04	-7.26e-05	0.0	30.0	-3430.65	-656.82	578.07	-2856.39	4.42e-05	2.237e+05
403	269	1.251e+05	-0.02	0.02	-180.00	0.0	-2713.24	-326.26	395.98	-3347.76	-1.188e+04	1.251e+05
		1.766e+04	-1.188e+04	1.87e-04	0.0	30.0	-2713.24	-506.26	395.98	-3347.76	-0.02	1.766e+05
403	270	2.311e+05	-0.03	0.03	-180.00	0.0	-5023.91	-672.91	825.27	-5533.91	-2.476e+04	2.311e+05
		3.239e+04	-2.476e+04	2.90e-04	0.0	30.0	-5023.91	-852.91	825.27	-5533.91	-0.03	3.239e+05
403	288	1.243e+05	-0.02	0.02	-180.00	0.0	-2702.60	-318.52	396.28	-3670.51	-1.189e+04	1.243e+05
		1.777e+04	-1.189e+04	1.93e-04	0.0	30.0	-2702.60	-498.52	396.28	-3670.51	-0.02	1.777e+05
403	289	2.304e+05	-0.03	0.03	-180.00	0.0	-5013.27	-665.17	825.56	-5856.65	-2.477e+04	2.304e+05
		3.250e+04	-2.477e+04	2.96e-04	0.0	30.0	-5013.27	-845.17	825.56	-5856.65	-0.03	3.250e+05
403	309	1.291e+05	-0.02	0.02	-180.00	0.0	-2806.48	-335.73	424.77	-4378.71	-1.274e+04	1.291e+05
		1.865e+04	-1.274e+04	2.10e-04	0.0	30.0	-2806.48	-515.73	424.77	-4378.71	-0.02	1.865e+05
403	310	1.303e+05	-0.02	0.02	-180.00	0.0	-2826.43	-346.01	414.67	-3721.28	-1.244e+04	1.303e+05
		1.853e+04	-1.244e+04	1.99e-04	0.0	30.0	-2826.43	-526.01	414.67	-3721.28	-0.02	1.853e+05
403	311	1.850e+05	-0.02	0.02	-180.00	0.0	-4012.65	-534.88	641.86	-5689.41	-1.926e+04	1.850e+05
		2.639e+04	-1.926e+04	2.73e-04	0.0	30.0	-4012.65	-714.88	641.86	-5689.41	-0.02	2.639e+05
403	316	1.556e+05	-6.23e-03	0.06	-180.00	0.0	-3324.48	-447.77	557.73	-3828.66	-1.673e+04	1.556e+05
		2.195e+04	-1.673e+04	2.28e-05	0.0	30.0	-3324.48	-627.77	557.73	-3828.66	-6.23e-03	2.195e+05
403	324	1.291e+05	-0.02	0.02	-180.00	0.0	-2806.48	-335.73	424.77	-4378.71	-1.274e+04	1.291e+05
		1.865e+04	-1.274e+04	2.10e-04	0.0	30.0	-2806.48	-515.73	424.77	-4378.71	-0.02	1.865e+05
403	329	1.313e+05	-0.02	0.02	-180.00	0.0	-2834.07	-373.05	472.35	-6249.94	-1.417e+04	1.313e+05
		1.989e+04	-1.417e+04	2.94e-04	0.0	30.0	-2834.07	-553.05	472.35	-6249.94	-0.02	1.989e+05
403	337	1.312e+05	-0.03	0.02	-180.00	0.0	-2834.54	-372.54	466.53	-6003.36	-1.400e+04	1.312e+05
		1.991e+04	-1.400e+04	4.64e-04	0.0	30.0	-2834.54	-552.54	466.53	-6003.36	-0.03	1.991e+05
403	340	1.270e+05	-0.01	0.02	-180.00	0.0	-2778.42	-298.91	383.02	-2754.07	-1.149e+04	1.270e+05
		1.738e+04	-1.149e+04	-4.48e-05	0.0	30.0	-2778.42	-478.91	383.02	-2754.07	-0.01	1.738e+05
403	355	1.301e+05	-0.03	0.02	-180.00	0.0	-2817.07	-367.46	652.26	-8054.16	-1.957e+04	1.301e+05
		1.887e+04	-1.957e+04	2.71e-04	0.0	30.0	-2817.07	-547.46	652.26	-8054.16	-0.03	1.887e+05
403	356	1.272e+05	-9.73e-03	0.02	-180.00	0.0	-2782.19	-288.97	211.87	-415.92	-6356.14	1.272e+05
		1.776e+04	-6356.14	1.82e-05	0.0	30.0	-2782.19	-468.97	211.87	-415.92	-9.73e-03	1.776e+05
403	361	1.302e+05	-0.02	0.02	-180.00	0.0	-2820.30	-354.45	448.12	-5313.69	-1.344e+04	1.302e+05
		1.927e+04	-1.344e+04	2.52e-04	0.0	30.0	-2820.30	-534.45	448.12	-5313.69	-0.02	1.927e+05
403	369	1.302e+05	-0.02	0.02	-180.00	0.0	-2820.54	-354.20	445.24	-5190.96	-1.336e+04	1.302e+05
		1.928e+04	-1.336e+04	3.36e-04	0.0	30.0	-2820.54	-534.20	445.24	-5190.96	-0.02	1.928e+05
403	372	1.281e+05	-0.02	0.02	-180.00	0.0	-2792.42	-317.25	404.30	-3566.46	-1.213e+04	1.281e+05
		1.801e+04	-1.213e+04	8.33e-05	0.0	30.0	-2792.42	-497.25	404.30	-3566.46	-0.02	1.801e+05
403	387	1.296e+05	-0.02	0.02	-180.00	0.0	-2811.67	-351.47	537.94	-6205.32	-1.614e+04	1.296e+05
		1.875e+04	-1.614e+04	2.40e-04	0.0	30.0	-2811.67	-531.47	537.94	-6205.32	-0.02	1.875e+05
403	388	1.282e+05	-0.01	0.02	-180.00	0.0	-2794.41	-312.41	319.02	-2406.64	-9570.73	1.282e+05
		1.820e+04	-9570.73	1.15e-04	0.0	30.0	-2794.41	-492.41	319.02	-2406.64	-0.01	1.820e+05
404	49	3.495e+05	-0.06	-0.04	-243.00	0.0	-1202.83	1329.28	-1228.21	8541.51	-0.06	4.832e+05
		4.832e+04	-3.685e+04	-7.03e-04	0.0	30.0	-1202.83	1086.28	-1228.21	8541.51	-3.685e+04	3.495e+05
404	74	2.578e+05	1.97e-03	-0.11	-180.00	0.0	-895.88	908.00	-1010.74	3313.51	1.97e-03	3.556e+05
		3.556e+04	-3.032e+04	1.30e-04	0.0	30.0	-895.88	728.00	-1010.74	3313.51	-3.032e+04	2.578e+05
404	124	1.276e+05	-0.01	-0.02	-180.00	0.0	-441.64	519.71	-394.70	2888.01	-0.01	1.776e+05
		1.776e+04	-1.184e+04	-1.82e-04	0.0	30.0	-441.64	339.71	-394.70	2888.01	-1.184e+04	1.276e+05
404	210	2.404e+05	-0.03	-0.03	-180.00	0.0	-846.45	890.19	-858.81	6102.83	-0.03	3.392e+05
		3.392e+04	-2.576e+04	-3.11e-04	0.0	30.0	-846.45	710.19	-858.81	6102.83	-2.576e+04	2.404e+05
404	243	1.627e+05	-1.51e-04	-0.08	-180.00	0.0	-564.87	662.43	-581.60	2869.13	-1.51e-04	2.249e+05
		2.249e+04	-1.745e+04	7.09e-05	0.0	30.0	-564.87	482.43	-581.60	2869.13	-1.745e+04	1.627e+05
404	268	1.308e+05	-0.02	-0.02	-180.00	0.0	-457.08	534.39	-414.73	3417.67	-0.02	1.835e+05
		1.835e+04	-1.244e+04	-1.95e-04	0.0	30.0	-457.08	354.39	-414.73	3417.67	-1.244e+04	1.308e+05
404	270	2.407e+05	-0.03	-0.03	-180.00	0.0	-844.27	895.22	-858.71	5909.70	-0.03	3.381e+05
		3.381e+04	-2.576e+04	-3.08e-04	0.0	30.0	-844.27	715.22	-858.71	5909.70	-2.576e+04	2.407e+05
404	289	2.400e+05	-0.03	-0.03	-180.00	0.0	-846.41	887.45	-858.83	6222.30	-0.03	3.392e+05
		3.392e+04	-2.576e+04	-3.13e-04	0.0	30.0	-846.41	707.45	-858.83	6222.30	-2.576e+04	2.400e+05
404	310	1.303e+05	-0.02	-0.02	-180.00	0.0	-461.01	526.06	-415.10	3747.27	-0.02	1.854e+05
		1.854e+04	-1.245e+04	-2.00e-04	0.0	30.0	-461.01	346.06	-415.10	3747.27	-1.245e+04	1.303e+05
404	311	1.891e+05	-0.03	-0.02	-180.00	0.0	-673.33	732.67	-656.40	5861.42	-0.03	2.703e+05
		2.703e+04	-1.969e+04	-2.81e-04	0.0	30.0	-673.33	552.67	-656.40	5861.42	-1.969e+04	1.891e+05
404	319	1.534e+05	-5.88e-03	-0.06	-180.00	0.0	-542.04	618.03	-549.80	3725.92	-5.88e-03	2.162e+05
		2.162e+04	-1.649e+04	1.33e-05	0.0	30.0	-542.04	438.03	-549.80	3725.92	-1.649e+04	1.534e+05
404	324	1.291e+05	-0.02	-0.02	-180.00	0.0	-463.92	515.72	-424.77	4378.74	-0.02	1.864e+05
		1.864e+04	-1.274e+04	-2.10e-04	0.0	30.0	-463.92	335.72	-424.77	4378.74	-1.274e+04	1.291e+05
404	325	1.323e+05	-0.02	-0.02	-180.00	0.0	-543.87	535.20	-467.03	5353.50	-0.02	2.167e+05
		2.167e+04	-1.401e+04	-4.36e-04	0.0	30.0	-543.87	355.20	-467.03	5353.50	-1.401e+04	1.323e+05

404	328	1.260e+05	-0.01	-0.02	-180.00	0.0	-383.98	496.23	-382.51	3403.99	-0.01	1.561e+04
		1.561e+04	-1.148e+04	2.29e-05	0.0	30.0	-383.98	316.23	-382.51	3403.99	-1.148e+04	1.260e+05
404	329	1.323e+05	-0.02	-0.02	-180.00	0.0	-542.99	532.77	-460.30	5343.18	-0.02	2.167e+04
		2.167e+04	-1.381e+04	-4.10e-04	0.0	30.0	-542.99	352.77	-460.30	5343.18	-1.381e+04	1.323e+05
404	343	1.298e+05	-0.02	-0.02	-180.00	0.0	-458.00	554.41	-625.08	7160.14	-0.02	1.841e+04
		1.841e+04	-1.875e+04	-1.13e-04	0.0	30.0	-458.00	374.41	-625.08	7160.14	-1.875e+04	1.298e+05
404	344	1.269e+05	-0.01	-0.02	-180.00	0.0	-424.87	472.68	-234.28	1520.10	-0.01	1.717e+04
		1.717e+04	-7028.30	-1.66e-04	0.0	30.0	-424.87	292.68	-234.28	1520.10	-7028.30	1.269e+05
404	361	1.307e+05	-0.02	-0.02	-180.00	0.0	-503.48	524.16	-442.37	4858.62	-0.02	2.016e+04
		2.016e+04	-1.327e+04	-3.09e-04	0.0	30.0	-503.48	344.16	-442.37	4858.62	-1.327e+04	1.307e+05
404	364	1.275e+05	-0.02	-0.02	-180.00	0.0	-424.36	507.28	-407.16	3898.86	-0.02	1.713e+04
		1.713e+04	-1.221e+04	-1.10e-04	0.0	30.0	-424.36	327.28	-407.16	3898.86	-1.221e+04	1.275e+05
404	376	1.281e+05	-0.01	-0.02	-180.00	0.0	-446.51	503.16	-359.63	3089.98	-0.01	1.797e+04
		1.797e+04	-1.079e+04	-1.46e-04	0.0	30.0	-446.51	323.16	-359.63	3089.98	-1.079e+04	1.281e+05
404	383	1.295e+05	-0.02	-0.02	-180.00	0.0	-459.41	530.94	-513.18	5743.54	-0.02	1.852e+04
		1.852e+04	-1.540e+04	-1.18e-04	0.0	30.0	-459.41	350.94	-513.18	5743.54	-1.540e+04	1.295e+05
405	117	2.919e+05	2.796e+04	0.04	-243.00	0.0	-6314.05	-901.47	-932.01	1.140e+04	2.796e+04	2.919e+05
		4.282e+04	0.05	-5.07e-04	0.0	30.0	-6314.05	-1144.47	-932.01	1.140e+04	0.05	4.282e+04
405	126	1.144e+05	1.192e+04	0.02	-180.00	0.0	-2514.69	-254.92	-397.45	5248.22	1.192e+04	1.144e+05
		1.725e+04	0.02	-2.10e-04	0.0	30.0	-2514.69	-434.92	-397.45	5248.22	0.02	1.725e+04
405	164	1.155e+05	1.191e+04	0.02	-180.00	0.0	-2530.66	-266.53	-397.02	4764.11	1.191e+04	1.155e+05
		1.709e+04	0.02	-2.01e-04	0.0	30.0	-2530.66	-446.53	-397.02	4764.11	0.02	1.709e+04
405	187	3.104e+05	2.769e+04	0.04	-243.00	0.0	-6695.64	-1007.79	-922.97	1.290e+04	2.769e+04	3.104e+05
		4.582e+04	0.05	-5.82e-04	0.0	30.0	-6695.64	-1250.79	-922.97	1.290e+04	0.05	4.582e+04
405	206	1.251e+05	1.229e+04	0.02	-180.00	0.0	-2730.50	-311.65	-409.83	4333.86	1.229e+04	1.251e+05
		1.820e+04	0.02	-2.04e-04	0.0	30.0	-2730.50	-491.65	-409.83	4333.86	0.02	1.820e+04
405	243	1.700e+05	1.751e+04	0.02	-180.00	0.0	-3671.67	-504.06	-583.56	6593.87	1.751e+04	1.700e+05
		2.519e+04	0.02	-1.07e-04	0.0	30.0	-3671.67	-684.06	-583.56	6593.87	0.02	2.519e+04
405	265	1.956e+05	1.966e+04	0.02	-180.00	0.0	-4224.54	-595.88	-655.29	6984.54	1.966e+04	1.956e+05
		2.830e+04	0.03	-3.10e-04	0.0	30.0	-4224.54	-775.88	-655.29	6984.54	0.03	2.830e+04
405	269	1.220e+05	1.249e+04	0.02	-180.00	0.0	-2662.70	-297.96	-416.48	4985.37	1.249e+04	1.220e+05
		1.801e+04	0.02	-2.14e-04	0.0	30.0	-2662.70	-477.96	-416.48	4985.37	0.02	1.801e+04
405	288	1.772e+05	1.249e+04	0.02	-180.00	0.0	-2673.34	-305.70	-416.19	4662.63	1.249e+04	1.772e+05
		1.790e+04	0.02	-2.08e-04	0.0	30.0	-2673.34	-485.70	-416.19	4662.63	0.02	1.790e+04
405	289	2.093e+05	1.854e+04	0.03	-180.00	0.0	-4531.08	-651.97	-618.05	9250.28	1.854e+04	2.093e+05
		3.112e+04	0.04	-4.27e-04	0.0	30.0	-4531.08	-831.97	-618.05	9250.28	0.04	3.112e+04
405	309	1.291e+05	1.274e+04	0.02	-180.00	0.0	-2806.48	-335.73	-424.77	4378.71	1.274e+04	1.291e+05
		1.865e+04	0.02	-2.10e-04	0.0	30.0	-2806.48	-515.73	-424.77	4378.71	0.02	1.865e+04
405	310	1.280e+05	1.305e+04	0.02	-180.00	0.0	-2786.53	-325.45	-434.87	5036.15	1.305e+04	1.280e+05
		1.876e+04	0.02	-2.20e-04	0.0	30.0	-2786.53	-505.45	-434.87	5036.15	0.02	1.876e+04
405	311	1.772e+05	1.653e+04	0.02	-180.00	0.0	-3832.14	-534.91	-550.97	6650.09	1.653e+04	1.772e+05
		2.578e+04	0.03	-3.20e-04	0.0	30.0	-3832.14	-714.91	-550.97	6650.09	0.03	2.578e+04
405	313	1.748e+05	1.723e+04	0.02	-180.00	0.0	-3760.93	-542.04	-574.46	5544.44	1.723e+04	1.748e+05
		2.491e+04	0.02	-2.63e-04	0.0	30.0	-3760.93	-722.04	-574.46	5544.44	0.02	2.491e+04
405	319	1.637e+05	1.640e+04	0.02	-180.00	0.0	-3535.18	-483.62	-546.70	5645.62	1.640e+04	1.637e+05
		2.389e+04	0.02	-1.30e-04	0.0	30.0	-3535.18	-663.62	-546.70	5645.62	0.02	2.389e+04
405	324	1.291e+05	1.274e+04	0.02	-180.00	0.0	-2806.48	-335.73	-424.77	4378.71	1.274e+04	1.291e+05
		1.865e+04	0.02	-2.10e-04	0.0	30.0	-2806.48	-515.73	-424.77	4378.71	0.02	1.865e+04
405	327	1.270e+05	1.198e+04	0.02	-180.00	0.0	-2779.40	-301.58	-399.17	3027.27	1.198e+04	1.270e+05
		1.736e+04	0.01	2.02e-05	0.0	30.0	-2779.40	-481.58	-399.17	3027.27	0.01	1.736e+04
405	330	1.312e+05	1.400e+04	0.02	-180.00	0.0	-2834.54	-372.54	-466.53	6003.36	1.400e+04	1.312e+05
		1.991e+04	0.03	-4.64e-04	0.0	30.0	-2834.54	-552.54	-466.53	6003.36	0.03	1.991e+04
405	331	1.270e+05	1.149e+04	0.02	-180.00	0.0	-2778.42	-298.91	-383.02	2754.07	1.149e+04	1.270e+05
		1.738e+04	0.01	4.48e-05	0.0	30.0	-2778.42	-478.91	-383.02	2754.07	0.01	1.738e+04
405	334	1.313e+05	1.369e+04	0.02	-180.00	0.0	-2833.09	-370.38	-456.20	5976.75	1.369e+04	1.313e+05
		1.991e+04	0.02	-2.70e-04	0.0	30.0	-2833.09	-550.38	-456.20	5976.75	0.02	1.991e+04
405	351	1.272e+05	6356.15	0.02	-180.00	0.0	-2782.19	-288.97	-211.87	415.92	6356.15	1.272e+05
		1.776e+04	9.73e-03	-1.82e-05	0.0	30.0	-2782.19	-468.97	-211.87	415.92	9.73e-03	1.776e+04
405	352	1.301e+05	1.957e+04	0.02	-180.00	0.0	-2817.07	-367.46	-652.26	8054.17	1.957e+04	1.301e+05
		1.887e+04	0.03	-2.71e-04	0.0	30.0	-2817.07	-547.46	-652.26	8054.17	0.03	1.887e+04
405	362	1.302e+05	1.336e+04	0.02	-180.00	0.0	-2820.54	-354.20	-445.24	5190.97	1.336e+04	1.302e+05
		1.928e+04	0.02	-3.36e-04	0.0	30.0	-2820.54	-534.20	-445.24	5190.97	0.02	1.928e+04
405	363	1.281e+05	1.213e+04	0.02	-180.00	0.0	-2792.42	-317.25	-404.30	3566.46	1.213e+04	1.281e+05
		1.801e+04	0.02	-8.33e-05	0.0	30.0	-2792.42	-497.25	-404.30	3566.46	0.02	1.801e+04
405	370	1.302e+05	1.344e+04	0.02	-180.00	0.0	-2820.30	-354.45	-448.12	5313.70	1.344e+04	1.302e+05
		1.927e+04	0.02	-2.52e-04	0.0	30.0	-2820.30	-534.45	-448.12	5313.70	0.02	1.927e+04
405	383	1.282e+05	9570.74	0.02	-180.00	0.0	-2794.41	-312.41	-319.02	2406.64	9570.74	1.282e+05
		1.820e+04	0.01	-1.15e-04	0.0	30.0	-2794.41	-492.41	-319.02	2406.64	0.01	1.820e+04
405	384	1.296e+05	1.614e+04	0.02	-180.00	0.0	-2811.67	-351.47	-537.94	6205.32	1.614e+04	1.296e+05
		1.875e+04	0.02	-2.40e-04	0.0	30.0	-2811.67	-531.47	-537.94	6205.32	0.02	1.875e+04
406	25	3.038e+05	2.725e+04	-0.04	-243.00	0.0	-1108.11	1214.76	908.25	-1.348e+04	2.725e+04	3.038e+05
		4.504e+04	0.06	6.44e-04	0.0	30.0	-1108.11	971.76	908.25	-1.348e+04	0.06	4.504e+04
406	117	2.887e+05	2.777e+04	-0.04	-243.00	0.0	-1046.68	1130.12	925.67	-1.165e+04	2.777e+04	2.887e+05
		4.231e+04	0.05	5.52e-04	0.0	30.0	-1046.68	887.12	925.67	-1.165e+04	0.05	4.231e+04
406	162	1.240e+05	1.271e+04	-0.02	-180.00	0.0	-450.42	488.54	423.82	-4790.76	1.271e+04	1.240e+05
		1.808e+04	0.02	2.12e-04	0.0	30.0	-450.42	308.54	423.82	-4790.76	0.02	1.808e+04
406	187	3.042e+05	2.724e+04	-0.04	-243.00	0.0	-1104.85	1222.30	908.10	-1.319e+04	2.724e+04	3.042e+05

		4.488e+04	0.06	6.40e-04	0.0	30.0	-1104.85	979.30	908.10	-1.319e+04	2.724e+04	3.042e+05
406	206	1.251e+05	1.229e+04	-0.02	-180.00	0.0	-451.93	491.64	409.82	-4333.81	0.02	1.820e+04
		1.820e+04	0.02	2.04e-04	0.0	30.0	-451.93	311.64	409.82	-4333.81	1.229e+04	1.251e+05
406	210	2.187e+05	1.958e+04	-0.03	-180.00	0.0	-804.01	869.48	652.60	-9880.03	0.04	3.267e+04
		3.267e+04	0.04	4.43e-04	0.0	30.0	-804.01	689.48	652.60	-9880.03	1.958e+04	2.187e+05
406	231	1.739e+05	1.788e+04	-0.02	-180.00	0.0	-639.80	702.25	596.03	-6662.90	0.02	2.569e+04
		2.569e+04	0.02	1.14e-04	0.0	30.0	-639.80	522.25	596.03	-6662.90	1.788e+04	1.739e+05
406	263	2.063e+05	1.982e+04	-0.03	-180.00	0.0	-752.05	805.24	660.77	-8432.02	0.03	3.040e+04
		3.040e+04	0.03	3.78e-04	0.0	30.0	-752.05	625.24	660.77	-8432.02	1.982e+04	2.063e+05
406	287	1.284e+05	1.302e+04	-0.02	-180.00	0.0	-462.91	513.70	434.06	-4680.53	0.02	1.857e+04
		1.857e+04	0.02	2.15e-04	0.0	30.0	-462.91	333.70	434.06	-4680.53	1.302e+04	1.284e+05
406	289	2.190e+05	1.957e+04	-0.03	-180.00	0.0	-801.83	874.51	652.50	-9686.90	0.04	3.257e+04
		3.257e+04	0.04	4.40e-04	0.0	30.0	-801.83	694.51	652.50	-9686.90	1.957e+04	2.190e+05
406	309	1.291e+05	1.274e+04	-0.02	-180.00	0.0	-463.93	515.72	424.77	-4378.66	0.02	1.864e+04
		1.864e+04	0.02	2.10e-04	0.0	30.0	-463.93	335.72	424.77	-4378.66	1.274e+04	1.291e+05
406	311	1.814e+05	1.700e+04	-0.02	-180.00	0.0	-654.37	732.95	566.71	-6894.12	0.03	2.646e+04
		2.646e+04	0.03	3.25e-04	0.0	30.0	-654.37	552.95	566.71	-6894.12	1.700e+04	1.814e+05
406	316	1.636e+05	1.638e+04	-0.02	-180.00	0.0	-593.87	663.42	546.12	-5624.02	0.02	2.385e+04
		2.385e+04	0.02	1.30e-04	0.0	30.0	-593.87	483.42	546.12	-5624.02	1.638e+04	1.636e+05
406	324	1.291e+05	1.274e+04	-0.02	-180.00	0.0	-463.93	515.72	424.77	-4378.66	0.02	1.864e+04
		1.864e+04	0.02	2.10e-04	0.0	30.0	-463.93	335.72	424.77	-4378.66	1.274e+04	1.291e+05
406	334	1.324e+05	1.405e+04	-0.02	-180.00	0.0	-543.92	537.49	468.19	-5340.95	0.02	2.169e+04
		2.169e+04	0.02	4.39e-04	0.0	30.0	-543.92	357.49	468.19	-5340.95	1.405e+04	1.324e+05
406	335	1.259e+05	1.144e+04	-0.02	-180.00	0.0	-383.94	493.96	381.35	-3416.37	0.01	1.560e+04
		1.560e+04	0.01	-2.48e-05	0.0	30.0	-383.94	313.96	381.35	-3416.37	1.144e+04	1.259e+05
406	347	1.265e+05	6912.31	-0.02	-180.00	0.0	-424.71	465.08	230.41	-1561.58	0.01	1.712e+04
		1.712e+04	0.01	1.57e-04	0.0	30.0	-424.71	285.08	230.41	-1561.58	6912.31	1.265e+05
406	348	1.301e+05	1.887e+04	-0.02	-180.00	0.0	-458.17	562.02	628.94	-7118.49	0.02	1.846e+04
		1.846e+04	0.02	1.22e-04	0.0	30.0	-458.17	382.02	628.94	-7118.49	1.887e+04	1.301e+05
406	370	1.307e+05	1.327e+04	-0.02	-180.00	0.0	-503.49	524.16	442.38	-4858.53	0.02	2.016e+04
		2.016e+04	0.02	3.09e-04	0.0	30.0	-503.49	344.16	442.38	-4858.53	1.327e+04	1.307e+05
406	371	1.275e+05	1.221e+04	-0.02	-180.00	0.0	-424.37	507.28	407.16	-3898.78	0.02	1.713e+04
		1.713e+04	0.02	1.10e-04	0.0	30.0	-424.37	327.28	407.16	-3898.78	1.221e+04	1.275e+05
406	379	1.281e+05	1.079e+04	-0.02	-180.00	0.0	-446.52	503.16	359.63	-3089.90	0.01	1.797e+04
		1.797e+04	0.01	1.46e-04	0.0	30.0	-446.52	323.16	359.63	-3089.90	1.079e+04	1.281e+05
406	388	1.295e+05	1.540e+04	-0.02	-180.00	0.0	-459.42	530.94	513.18	-5743.43	0.02	1.852e+04
		1.852e+04	0.02	1.18e-04	0.0	30.0	-459.42	350.94	513.18	-5743.43	1.540e+04	1.295e+05
407	50	1.809e+05	0.05	0.09	-180.00	0.0	-3603.52	-672.90	815.17	-6661.50	-2.446e+04	1.809e+05
		1.435e+04	-2.446e+04	-6.32e-04	0.0	30.0	-3603.52	-852.90	815.17	-6661.50	0.05	1.435e+04
407	52	1.444e+05	0.03	0.07	-180.00	0.0	-2941.49	-457.26	654.64	-5373.82	-1.964e+04	1.444e+05
		1.249e+04	-1.964e+04	-4.49e-04	0.0	30.0	-2941.49	-637.26	654.64	-5373.82	0.03	1.249e+04
407	126	1.105e+05	-0.02	0.02	-180.00	0.0	-2452.72	-174.68	542.91	-5670.08	-1.629e+04	1.105e+05
		1.353e+04	-1.629e+04	6.54e-05	0.0	30.0	-2452.72	-354.68	542.91	-5670.08	-0.02	1.353e+04
407	187	3.021e+05	-0.07	0.03	-243.00	0.0	-6535.21	-855.03	1515.87	-1.764e+04	-4.480e+04	3.021e+05
		3.691e+04	-4.480e+04	3.67e-04	-45.09	30.0	-6535.21	-1098.03	1470.78	-1.764e+04	-0.07	3.691e+04
407	231	1.337e+05	0.02	0.07	-180.00	0.0	-2764.44	-370.80	631.41	-5561.04	-1.894e+04	1.337e+05
		1.316e+04	-1.894e+04	-3.38e-04	0.0	30.0	-2764.44	-550.80	631.41	-5561.04	0.02	1.316e+04
407	269	1.196e+05	-0.03	0.02	-180.00	0.0	-2663.10	-190.84	607.93	-6428.07	-1.824e+04	1.196e+05
		1.533e+04	-1.824e+04	1.17e-04	0.0	30.0	-2663.10	-370.84	607.93	-6428.07	-0.03	1.533e+04
407	289	2.027e+05	-0.04	0.03	-180.00	0.0	-4381.24	-555.34	1019.04	-1.138e+04	-3.012e+04	2.027e+05
		2.438e+04	-3.012e+04	1.73e-04	-30.06	30.0	-4381.24	-735.34	988.98	-1.138e+04	-0.04	2.438e+04
407	310	1.264e+05	-0.03	0.02	-180.00	0.0	-2809.12	-216.14	639.68	-7008.31	-1.919e+04	1.264e+05
		1.634e+04	-1.919e+04	1.41e-04	0.0	30.0	-2809.12	-396.14	639.68	-7008.31	-0.03	1.634e+04
407	313	1.773e+05	-0.06	0.02	-180.00	0.0	-3912.19	-410.83	883.18	-1.140e+04	-2.650e+04	1.773e+05
		2.378e+04	-2.650e+04	3.38e-04	0.0	30.0	-3912.19	-590.83	883.18	-1.140e+04	-0.06	2.378e+04
407	316	1.389e+05	-5.44e-04	0.06	-180.00	0.0	-2929.84	-354.59	675.29	-6966.83	-2.026e+04	1.389e+05
		1.546e+04	-2.026e+04	-1.54e-04	0.0	30.0	-2929.84	-534.59	675.29	-6966.83	-5.44e-04	1.546e+04
407	324	1.337e+05	-0.04	0.02	-180.00	0.0	-2894.44	-225.79	667.02	-7820.35	-2.001e+04	1.337e+05
		1.743e+04	-2.001e+04	1.99e-04	0.0	30.0	-2894.44	-405.79	667.02	-7820.35	-0.04	1.743e+04
407	349	1.379e+05	-0.07	0.02	-180.00	0.0	-3050.43	-296.43	935.43	-1.376e+04	-2.806e+04	1.379e+05
		2.350e+04	-2.806e+04	7.03e-04	0.0	30.0	-3050.43	-476.43	935.43	-1.376e+04	-0.07	2.350e+04
407	353	1.379e+05	-0.07	0.02	-180.00	0.0	-3051.64	-296.28	932.54	-1.367e+04	-2.798e+04	1.379e+05
		2.358e+04	-2.798e+04	7.48e-04	0.0	30.0	-3051.64	-476.28	932.54	-1.367e+04	-0.07	2.358e+04
407	356	1.224e+05	-1.32e-03	0.02	-180.00	0.0	-2737.24	-155.30	401.50	-1972.87	-1.205e+04	1.224e+05
		1.127e+04	-1.205e+04	-3.50e-04	0.0	30.0	-2737.24	-335.30	401.50	-1972.87	-1.32e-03	1.127e+04
407	381	1.340e+05	-0.05	0.02	-180.00	0.0	-2972.05	-260.77	800.56	-1.077e+04	-2.402e+04	1.340e+05
		2.045e+04	-2.402e+04	4.49e-04	0.0	30.0	-2972.05	-440.77	800.56	-1.077e+04	-0.05	2.045e+04
407	385	1.340e+05	-0.05	0.02	-180.00	0.0	-2972.64	-260.69	799.12	-1.073e+04	-2.397e+04	1.340e+05
		2.049e+04	-2.397e+04	4.72e-04	0.0	30.0	-2972.64	-440.69	799.12	-1.073e+04	-0.05	2.049e+04
407	388	1.263e+05	-0.02	0.02	-180.00	0.0	-2816.24	-190.89	534.92	-4911.98	-1.605e+04	1.263e+05
		1.437e+04	-1.605e+04	-7.44e-05	0.0	30.0	-2816.24	-370.89	534.92	-4911.98	-0.02	1.437e+04
408	74	1.837e+05	0.05	-0.09	-180.00	0.0	-369.40	863.39	-828.17	6904.19	0.05	1.479e+04
		1.479e+04	-2.484e+04	6.27e-04	0.0	30.0	-369.40	683.39	-828.17	6904.19	-2.484e+04	1.479e+04
408	76	1.481e+05	0.03	-0.07	-180.00	0.0	-315.55	651.24	-672.10	5695.61	0.03	1.307e+04
		1.307e+04	-2.016e+04	4.40e-04	0.0	30.0	-315.55	471.24	-672.10	5695.61	-2.016e+04	1.307e+04
408	187	2.967e+05	-0.06	-0.03	-243.00	0.0	-873.67	1082.44	-1440.68	1.697e+04	-0.06	3.608e+04
		3.608e+04	-4.390e+04	-2.51e-04	-45.09	30.0	-873.67	839.44	-1485.77	1.697e+04	-4.390e+04	2.967e+05

408	243	1.353e+05	0.02	-0.07	-180.00	0.0	-314.79	556.41	-638.93	5713.45	0.02	1.343e+04
		1.343e+04	-1.917e+04	3.34e-04	0.0	30.0	-314.79	376.41	-638.93	5713.45	-1.917e+04	1.353e+05
408	289	2.118e+05	-0.05	-0.03	-180.00	0.0	-615.00	773.38	-1028.80	1.194e+04	-0.05	2.542e+04
		2.542e+04	-3.132e+04	-1.92e-04	-30.06	30.0	-615.00	593.38	-1058.86	1.194e+04	-3.132e+04	2.118e+05
408	311	1.800e+05	-0.05	-0.02	-180.00	0.0	-548.54	621.18	-893.00	1.086e+04	-0.05	2.294e+04
		2.294e+04	-2.679e+04	-2.43e-04	0.0	30.0	-548.54	441.18	-893.00	1.086e+04	-2.679e+04	1.800e+05
408	319	1.368e+05	2.00e-04	-0.06	-180.00	0.0	-357.71	526.18	-666.08	6830.65	2.00e-04	1.522e+04
		1.522e+04	-1.998e+04	1.59e-04	0.0	30.0	-357.71	346.18	-666.08	6830.65	-1.998e+04	1.368e+05
408	324	1.301e+05	-0.04	-0.02	-180.00	0.0	-407.16	405.79	-667.01	7820.29	-0.04	1.743e+04
		1.743e+04	-2.001e+04	-1.99e-04	0.0	30.0	-407.16	225.79	-667.01	7820.29	-2.001e+04	1.301e+05
408	341	1.377e+05	-0.06	-0.02	-180.00	0.0	-540.72	496.94	-884.50	1.229e+04	-0.06	2.280e+04
		2.280e+04	-2.654e+04	-5.25e-04	0.0	30.0	-540.72	316.94	-884.50	1.229e+04	-2.654e+04	1.377e+05
408	344	1.225e+05	-0.01	-0.02	-180.00	0.0	-273.59	314.64	-449.52	3351.45	-0.01	1.205e+04
		1.205e+04	-1.349e+04	1.28e-04	0.0	30.0	-273.59	134.64	-449.52	3351.45	-1.349e+04	1.225e+05
408	345	1.377e+05	-0.06	-0.02	-180.00	0.0	-539.06	497.08	-889.02	1.243e+04	-0.06	2.274e+04
		2.274e+04	-2.667e+04	-4.60e-04	0.0	30.0	-539.06	317.08	-889.02	1.243e+04	-2.667e+04	1.377e+05
408	349	1.375e+05	-0.06	-0.02	-180.00	0.0	-553.78	469.71	-881.76	1.256e+04	-0.06	2.327e+04
		2.327e+04	-2.645e+04	-4.44e-04	0.0	30.0	-553.78	289.71	-881.76	1.256e+04	-2.645e+04	1.375e+05
408	352	1.228e+05	-0.02	-0.02	-180.00	0.0	-260.54	341.86	-452.26	3083.58	-0.02	1.159e+04
		1.159e+04	-1.357e+04	4.88e-05	0.0	30.0	-260.54	161.86	-452.26	3083.58	-1.357e+04	1.228e+05
408	376	1.269e+05	-0.02	-0.02	-180.00	0.0	-346.16	368.65	-584.13	5791.76	-0.02	1.498e+04
		1.498e+04	-1.752e+04	-1.25e-05	0.0	30.0	-346.16	188.65	-584.13	5791.76	-1.752e+04	1.269e+05
408	381	1.338e+05	-0.05	-0.02	-180.00	0.0	-480.09	437.37	-773.77	1.017e+04	-0.05	2.033e+04
		2.033e+04	-2.321e+04	-3.21e-04	0.0	30.0	-480.09	257.37	-773.77	1.017e+04	-2.321e+04	1.338e+05
408	384	1.265e+05	-0.03	-0.02	-180.00	0.0	-334.22	374.20	-560.25	5466.02	-0.03	1.452e+04
		1.452e+04	-1.681e+04	-7.64e-05	0.0	30.0	-334.22	194.20	-560.25	5466.02	-1.681e+04	1.265e+05
408	385	1.338e+05	-0.05	-0.02	-180.00	0.0	-479.26	437.44	-776.04	1.025e+04	-0.05	2.030e+04
		2.030e+04	-2.328e+04	-2.88e-04	0.0	30.0	-479.26	257.44	-776.04	1.025e+04	-2.328e+04	1.338e+05
409	81	1.300e+05	5.644e+04	0.06	-243.00	0.0	-7500.97	5431.53	-1881.46	8063.38	5.644e+04	1.300e+05
		4.817e+04	0.10	-7.13e-04	0.0	30.0	-7500.97	5188.53	-1881.46	8063.38	0.10	4.817e+04
409	89	3.735e+05	5.508e+04	0.04	-243.00	0.0	-8318.34	-857.88	-1835.83	2.633e+04	5.508e+04	3.735e+05
		5.413e+04	0.12	-6.25e-04	0.0	30.0	-8318.34	-1100.88	-1835.83	2.633e+04	0.12	5.413e+04
409	206	1.262e+05	1.895e+04	0.02	-180.00	0.0	-2800.26	-227.16	-631.72	7763.85	1.895e+04	1.262e+05
		1.668e+04	0.04	-1.88e-04	0.0	30.0	-2800.26	-407.16	-631.72	7763.85	0.04	1.668e+04
409	247	2.400e+04	3.119e+04	0.03	-180.00	0.0	-3837.08	4147.75	-1039.75	284.70	3.119e+04	2.400e+04
		2.193e+04	0.04	-3.06e-04	0.0	30.0	-3837.08	3967.75	-1039.75	284.70	0.04	2.193e+04
409	270	2.544e+05	3.801e+04	0.03	-180.00	0.0	-5689.68	-544.11	-1282.08	1.762e+04	3.801e+04	2.544e+05
		3.641e+04	0.10	-5.95e-04	30.06	30.0	-5689.68	-724.11	-1252.02	1.762e+04	0.10	3.641e+04
409	287	1.322e+05	2.052e+04	0.02	-180.00	0.0	-2939.63	-231.37	-683.91	8333.14	2.052e+04	1.322e+05
		1.805e+04	0.04	-2.34e-04	0.0	30.0	-2939.63	-411.37	-683.91	8333.14	0.04	1.805e+04
409	309	1.301e+05	2.001e+04	0.02	-180.00	0.0	-2894.41	-225.78	-667.01	7820.29	2.001e+04	1.301e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.41	-405.78	-667.01	7820.29	0.04	1.743e+04
409	311	1.939e+05	2.882e+04	0.03	-180.00	0.0	-4311.99	-412.14	-960.59	1.253e+04	2.882e+04	1.939e+05
		2.653e+04	0.06	-3.64e-04	0.0	30.0	-4311.99	-592.14	-960.59	1.253e+04	0.06	2.653e+04
409	320	4.618e+04	2.779e+04	0.03	-180.00	0.0	-3538.20	3061.79	-926.43	1578.10	2.779e+04	4.618e+04
		2.154e+04	0.03	-2.37e-04	0.0	30.0	-3538.20	2881.79	-926.43	1578.10	0.03	2.154e+04
409	324	1.301e+05	2.001e+04	0.02	-180.00	0.0	-2894.41	-225.78	-667.01	7820.29	2.001e+04	1.301e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.41	-405.78	-667.01	7820.29	0.04	1.743e+04
409	344	1.389e+05	2.669e+04	0.02	-180.00	0.0	-3060.84	-303.65	-889.71	1.335e+04	2.669e+04	1.389e+05
		2.425e+04	0.07	-4.28e-05	0.0	30.0	-3060.84	-483.65	-889.71	1.335e+04	0.07	2.425e+04
409	345	1.214e+05	1.347e+04	0.02	-180.00	0.0	-2726.34	-148.07	-448.84	2435.71	1.347e+04	1.214e+05
		1.054e+04	2.06e-03	-3.02e-04	0.0	30.0	-2726.34	-328.07	-448.84	2435.71	2.06e-03	1.054e+04
409	348	1.389e+05	2.656e+04	0.02	-180.00	0.0	-3062.49	-303.50	-885.19	1.320e+04	2.656e+04	1.389e+05
		2.431e+04	0.07	-9.51e-05	0.0	30.0	-3062.49	-483.50	-885.19	1.320e+04	0.07	2.431e+04
409	376	1.338e+05	2.328e+04	0.02	-180.00	0.0	-2966.52	-257.44	-776.04	1.025e+04	2.328e+04	1.338e+05
		2.030e+04	0.05	-2.88e-04	0.0	30.0	-2966.52	-437.44	-776.04	1.025e+04	0.05	2.030e+04
409	377	1.265e+05	1.681e+04	0.02	-180.00	0.0	-2821.48	-194.20	-560.25	5466.03	1.681e+04	1.265e+05
		1.452e+04	0.03	-7.64e-05	0.0	30.0	-2821.48	-374.20	-560.25	5466.03	0.03	1.452e+04
409	380	1.338e+05	2.321e+04	0.02	-180.00	0.0	-2967.35	-257.37	-773.78	1.017e+04	2.321e+04	1.338e+05
		2.033e+04	0.05	-3.21e-04	0.0	30.0	-2967.35	-437.37	-773.78	1.017e+04	0.05	2.033e+04
409	385	1.269e+05	1.752e+04	0.02	-180.00	0.0	-2833.42	-188.65	-584.13	5791.77	1.752e+04	1.269e+05
		1.498e+04	0.02	-2.44e-05	0.0	30.0	-2833.42	-368.65	-584.13	5791.77	0.02	1.498e+04
410	73	3.854e+05	5.666e+04	-0.04	-242.99	0.0	-1323.57	1147.94	1888.73	-2.715e+04	5.666e+04	3.854e+05
		5.563e+04	0.12	6.58e-04	0.0	30.0	-1323.57	904.95	1888.73	-2.715e+04	0.12	5.563e+04
410	206	1.262e+05	1.895e+04	-0.02	-179.99	0.0	-393.19	407.17	631.72	-7764.05	0.04	1.668e+04
		1.668e+04	0.04	1.88e-04	0.0	30.0	-393.19	227.18	631.72	-7764.05	1.895e+04	1.262e+05
410	270	2.662e+05	3.942e+04	-0.03	-179.99	0.0	-884.46	777.81	1299.15	-1.808e+04	3.942e+04	2.662e+05
		3.746e+04	0.09	5.62e-04	30.06	30.0	-884.46	597.82	1329.21	-1.808e+04	0.09	3.746e+04
410	287	1.365e+05	2.111e+04	-0.02	-179.99	0.0	-437.72	428.30	703.61	-8661.94	0.04	1.864e+04
		1.864e+04	0.04	2.44e-04	0.0	30.0	-437.72	248.31	703.61	-8661.94	2.111e+04	1.365e+05
410	309	1.301e+05	2.001e+04	-0.02	-179.99	0.0	-407.17	405.79	667.02	-7820.51	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.17	225.80	667.02	-7820.51	2.001e+04	1.301e+05
410	311	1.995e+05	2.943e+04	-0.03	-179.99	0.0	-634.08	619.77	981.12	-1.263e+04	0.06	2.687e+04
		2.687e+04	0.06	3.31e-04	0.0	30.0	-634.08	439.78	981.12	-1.263e+04	2.943e+04	1.995e+05
410	324	1.301e+05	2.001e+04	-0.02	-179.99	0.0	-407.17	405.79	667.02	-7820.51	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.17	225.80	667.02	-7820.51	2.001e+04	1.301e+05
410	341	1.173e+05	5594.91	-0.02	-179.99	0.0	-132.20	532.83	186.50	3896.28	-0.04	6780.41

		6780.41	-0.04	-1.01e-03	0.0	30.0	-132.20	352.83	186.50	3896.28	5594.91	1.173e+05
410	344	1.430e+05	3.442e+04	-0.02	-179.99	0.0	-682.14	278.76	1147.53	-1.954e+04	0.12	2.807e+04
		2.807e+04	0.12	1.41e-03	0.0	30.0	-682.14	98.77	1147.53	-1.954e+04	3.442e+04	1.430e+05
410	348	1.429e+05	3.451e+04	-0.02	-179.99	0.0	-680.94	278.92	1150.42	-1.963e+04	0.12	2.799e+04
		2.799e+04	0.12	1.37e-03	0.0	30.0	-680.94	98.92	1150.42	-1.963e+04	3.451e+04	1.429e+05
410	373	1.263e+05	1.605e+04	-0.02	-179.99	0.0	-328.97	370.90	534.91	-4912.11	0.02	1.437e+04
		1.437e+04	0.02	-7.47e-05	0.0	30.0	-328.97	190.90	534.91	-4912.11	1.605e+04	1.263e+05
410	376	1.340e+05	2.397e+04	-0.02	-179.99	0.0	-485.37	440.69	799.12	-1.073e+04	0.05	2.049e+04
		2.049e+04	0.05	4.72e-04	0.0	30.0	-485.37	260.70	799.12	-1.073e+04	2.397e+04	1.340e+05
410	380	1.340e+05	2.402e+04	-0.02	-179.99	0.0	-484.78	440.77	800.56	-1.077e+04	0.05	2.045e+04
		2.045e+04	0.05	4.49e-04	0.0	30.0	-484.78	260.78	800.56	-1.077e+04	2.402e+04	1.340e+05
411	49	3.386e+05	-0.04	0.04	-243.00	0.0	-7347.32	-1019.24	1217.52	-9491.74	-3.653e+04	3.386e+05
		4.802e+04	-3.653e+04	4.75e-04	0.0	30.0	-7347.32	-1262.24	1217.52	-9491.74	-0.04	4.802e+04
411	74	2.579e+05	1.94e-03	0.11	-180.00	0.0	-5559.28	-728.18	1011.35	-3336.62	-3.034e+04	2.579e+05
		3.559e+04	-3.034e+04	-1.29e-04	0.0	30.0	-5559.28	-908.18	1011.35	-3336.62	1.94e-03	3.559e+04
411	89	3.440e+05	-0.06	0.04	-243.00	0.0	-7447.80	-1061.72	1209.37	-8376.27	-3.628e+04	3.440e+05
		4.760e+04	-3.628e+04	7.06e-04	0.0	30.0	-7447.80	-1304.72	1209.37	-8376.27	-0.06	4.760e+04
411	124	1.277e+05	-0.01	0.02	-180.00	0.0	-2768.27	-339.89	395.31	-2911.17	-1.186e+04	1.277e+05
		1.779e+04	-1.186e+04	1.82e-04	0.0	30.0	-2768.27	-519.89	395.31	-2911.17	-0.01	1.779e+04
411	206	1.251e+05	-0.02	0.02	-180.00	0.0	-2730.47	-311.64	409.82	-4333.80	-1.229e+04	1.251e+05
		1.820e+04	-1.229e+04	2.04e-04	0.0	30.0	-2730.47	-491.64	409.82	-4333.80	-0.02	1.820e+04
411	243	1.627e+05	-1.72e-04	0.08	-180.00	0.0	-3456.52	-482.55	582.01	-2884.47	-1.746e+04	1.627e+05
		2.251e+04	-1.746e+04	-6.97e-05	0.0	30.0	-3456.52	-662.55	582.01	-2884.47	-1.72e-04	2.251e+04
411	268	1.855e+05	-0.02	0.02	-180.00	0.0	-2831.56	-354.51	415.13	-3433.00	-1.245e+04	1.855e+05
		1.837e+04	-1.245e+04	1.95e-04	0.0	30.0	-2831.56	-534.51	415.13	-3433.00	-0.02	1.837e+04
411	270	2.399e+05	-0.03	0.03	-180.00	0.0	-5207.21	-711.78	854.92	-5818.49	-2.565e+04	2.399e+05
		3.361e+04	-2.565e+04	2.90e-04	0.0	30.0	-5207.21	-891.78	854.92	-5818.49	-0.03	3.361e+04
411	287	1.296e+05	-0.02	0.02	-180.00	0.0	-2813.28	-341.57	415.34	-3954.01	-1.246e+04	1.296e+05
		1.855e+04	-1.246e+04	2.04e-04	0.0	30.0	-2813.28	-521.57	415.34	-3954.01	-0.02	1.855e+04
411	289	2.391e+05	-0.03	0.03	-180.00	0.0	-5196.24	-704.02	855.05	-6131.09	-2.565e+04	2.391e+05
		3.371e+04	-2.565e+04	2.95e-04	0.0	30.0	-5196.24	-884.02	855.05	-6131.09	-0.03	3.371e+04
411	309	1.291e+05	-0.02	0.02	-180.00	0.0	-2806.45	-335.72	424.77	-4378.65	-1.274e+04	1.291e+05
		1.864e+04	-1.274e+04	2.10e-04	0.0	30.0	-2806.45	-515.72	424.77	-4378.65	-0.02	1.864e+04
411	310	1.303e+05	-0.02	0.02	-180.00	0.0	-2827.24	-346.07	415.10	-3747.18	-1.245e+04	1.303e+05
		1.854e+04	-1.245e+04	2.00e-04	0.0	30.0	-2827.24	-526.07	415.10	-3747.18	-0.02	1.854e+04
411	311	1.884e+05	-0.02	0.02	-180.00	0.0	-4084.31	-550.01	653.26	-5781.43	-1.960e+04	1.884e+05
		2.686e+04	-1.960e+04	2.67e-04	0.0	30.0	-4084.31	-730.01	653.26	-5781.43	-0.02	2.686e+04
411	319	1.534e+05	-5.88e-03	0.06	-180.00	0.0	-3277.98	-438.04	549.80	-3725.83	-1.649e+04	1.534e+05
		2.162e+04	-1.649e+04	2.09e-05	0.0	30.0	-3277.98	-618.04	549.80	-3725.83	-5.88e-03	2.162e+04
411	324	1.291e+05	-0.02	0.02	-180.00	0.0	-2806.45	-335.72	424.77	-4378.65	-1.274e+04	1.291e+05
		1.864e+04	-1.274e+04	2.10e-04	0.0	30.0	-2806.45	-515.72	424.77	-4378.65	-0.02	1.864e+04
411	326	1.257e+05	-0.02	0.02	-180.00	0.0	-2722.06	-316.86	389.86	-3260.94	-1.170e+04	1.257e+05
		1.540e+04	-1.170e+04	1.13e-04	0.0	30.0	-2722.06	-496.86	389.86	-3260.94	-0.02	1.540e+04
411	327	1.326e+05	-0.02	0.02	-180.00	0.0	-2890.85	-354.58	459.68	-5496.36	-1.379e+04	1.326e+05
		2.189e+04	-1.379e+04	3.06e-04	0.0	30.0	-2890.85	-534.58	459.68	-5496.36	-0.02	2.189e+04
411	341	1.306e+05	2.85e-03	0.02	-180.00	0.0	-2815.39	-372.33	600.59	-7636.54	-1.802e+04	1.306e+05
		1.911e+04	-1.802e+04	-3.19e-04	0.0	30.0	-2815.39	-552.33	600.59	-7636.54	2.85e-03	1.911e+04
411	358	1.275e+05	-0.02	0.02	-180.00	0.0	-2766.89	-327.28	407.16	-3898.77	-1.221e+04	1.275e+05
		1.713e+04	-1.221e+04	1.10e-04	0.0	30.0	-2766.89	-507.28	407.16	-3898.77	-0.02	1.713e+04
411	359	1.307e+05	-0.02	0.02	-180.00	0.0	-2846.02	-344.16	442.38	-4858.53	-1.327e+04	1.307e+05
		2.016e+04	-1.327e+04	3.09e-04	0.0	30.0	-2846.02	-524.16	442.38	-4858.53	-0.02	2.016e+04
411	373	1.295e+05	-0.02	0.02	-180.00	0.0	-2801.95	-350.94	513.18	-5743.43	-1.540e+04	1.295e+05
		1.852e+04	-1.540e+04	1.18e-04	0.0	30.0	-2801.95	-530.94	513.18	-5743.43	-0.02	1.852e+04
411	382	1.281e+05	-0.01	0.02	-180.00	0.0	-2789.04	-323.16	359.63	-3089.90	-1.079e+04	1.281e+05
		1.797e+04	-1.079e+04	1.46e-04	0.0	30.0	-2789.04	-503.16	359.63	-3089.90	-0.01	1.797e+04
412	73	3.559e+05	-0.06	-0.04	-243.00	0.0	-1225.72	1357.60	-1250.18	8775.34	-0.06	4.925e+04
		4.925e+04	-3.751e+04	-7.13e-04	0.0	30.0	-1225.72	1114.60	-1250.18	8775.34	-3.751e+04	3.559e+05
412	90	2.421e+05	4.88e-03	-0.11	-180.00	0.0	-848.31	822.69	-932.76	2967.23	4.88e-03	3.372e+05
		3.372e+04	-2.798e+04	1.66e-04	0.0	30.0	-848.31	642.69	-932.76	2967.23	-2.798e+04	2.421e+05
412	206	1.251e+05	-0.02	-0.02	-180.00	0.0	-451.93	491.64	-409.83	4333.95	-0.02	1.820e+04
		1.820e+04	-1.229e+04	-2.04e-04	0.0	30.0	-451.93	311.64	-409.83	4333.95	-1.229e+04	1.251e+05
412	251	1.505e+05	2.11e-03	-0.08	-180.00	0.0	-527.82	597.04	-521.96	2581.57	2.11e-03	2.105e+04
		2.105e+04	-1.566e+04	9.88e-05	0.0	30.0	-527.82	417.04	-521.96	2581.57	-1.566e+04	1.505e+05
412	268	1.349e+05	-0.02	-0.02	-180.00	0.0	-470.97	552.94	-428.23	3522.53	-0.02	1.891e+04
		1.891e+04	-1.285e+04	-2.01e-04	0.0	30.0	-470.97	372.94	-428.23	3522.53	-1.285e+04	1.349e+05
412	270	2.532e+05	-0.03	-0.03	-180.00	0.0	-891.78	948.84	-907.60	6792.57	-0.03	3.574e+04
		3.574e+04	-2.723e+04	-3.51e-04	0.0	30.0	-891.78	768.84	-907.60	6792.57	-2.723e+04	2.532e+05
412	289	2.525e+05	-0.03	-0.03	-180.00	0.0	-894.03	941.10	-907.89	7115.31	-0.03	3.585e+04
		3.585e+04	-2.724e+04	-3.56e-04	0.0	30.0	-894.03	761.10	-907.89	7115.31	-2.724e+04	2.525e+05
412	310	1.303e+05	-0.02	-0.02	-180.00	0.0	-460.74	526.00	-414.67	3721.38	-0.02	1.852e+04
		1.852e+04	-1.244e+04	-1.99e-04	0.0	30.0	-460.74	346.00	-414.67	3721.38	-1.244e+04	1.303e+05
412	311	1.954e+05	-0.03	-0.02	-180.00	0.0	-698.45	758.96	-682.80	6436.18	-0.03	2.805e+04
		2.805e+04	-2.048e+04	-3.08e-04	0.0	30.0	-698.45	578.96	-682.80	6436.18	-2.048e+04	1.954e+05
412	321	1.412e+05	-3.78e-03	-0.06	-180.00	0.0	-503.77	555.07	-494.83	3425.33	-3.78e-03	2.012e+04
		2.012e+04	-1.484e+04	2.78e-05	0.0	30.0	-503.77	375.07	-494.83	3425.33	-1.484e+04	1.412e+05
412	324	1.291e+05	-0.02	-0.02	-180.00	0.0	-463.93	515.72	-424.77	4378.81	-0.02	1.864e+04
		1.864e+04	-1.274e+04	-2.10e-04	0.0	30.0	-463.93	335.72	-424.77	4378.81	-1.274e+04	1.291e+05

412	334	1.267e+05	-6.39e-03	-0.02	-180.00	0.0	-429.54	521.19	-319.07	1005.08	-6.39e-03	1.723e+04
		1.723e+04	-9572.06	1.59e-04	0.0	30.0	-429.54	341.19	-319.07	1005.08	-9572.06	1.267e+05
412	343	1.323e+05	-0.05	-0.02	-180.00	0.0	-509.17	421.67	-852.59	1.425e+04	-0.05	2.003e+04
		2.003e+04	-2.558e+04	-7.32e-04	0.0	30.0	-509.17	241.67	-852.59	1.425e+04	-2.558e+04	1.323e+05
412	345	1.313e+05	-0.04	-0.02	-180.00	0.0	-495.62	406.49	-865.42	1.388e+04	-0.04	1.938e+04
		1.938e+04	-2.596e+04	-6.53e-04	0.0	30.0	-495.62	226.49	-865.42	1.388e+04	-2.596e+04	1.313e+05
412	346	1.259e+05	38.93	-0.02	-180.00	0.0	-418.54	609.92	1.30	-5414.30	9.22e-03	1.725e+04
		1.725e+04	9.22e-03	3.63e-04	0.0	30.0	-418.54	429.92	1.30	-5414.30	38.93	1.259e+05
412	347	1.323e+05	-0.05	-0.02	-180.00	0.0	-509.32	421.52	-850.84	1.417e+04	-0.05	2.004e+04
		2.004e+04	-2.553e+04	-7.83e-04	0.0	30.0	-509.32	241.52	-850.84	1.417e+04	-2.553e+04	1.323e+05
412	348	1.269e+05	476.41	-0.02	-180.00	0.0	-432.24	624.95	15.88	-5126.96	6.64e-03	1.791e+04
		1.791e+04	6.64e-03	2.33e-04	0.0	30.0	-432.24	444.95	15.88	-5126.96	476.41	1.269e+05
412	359	1.302e+05	-0.02	-0.02	-180.00	0.0	-477.75	534.45	-448.12	5313.79	-0.02	1.927e+04
		1.927e+04	-1.344e+04	-2.52e-04	0.0	30.0	-477.75	354.45	-448.12	5313.79	-1.344e+04	1.302e+05
412	366	1.281e+05	-0.02	-0.02	-180.00	0.0	-449.87	497.24	-404.30	3566.56	-0.02	1.801e+04
		1.801e+04	-1.213e+04	-8.33e-05	0.0	30.0	-449.87	317.24	-404.30	3566.56	-1.213e+04	1.281e+05
412	367	1.302e+05	-0.02	-0.02	-180.00	0.0	-477.99	534.20	-445.24	5191.06	-0.02	1.928e+04
		1.928e+04	-1.336e+04	-3.36e-04	0.0	30.0	-477.99	354.20	-445.24	5191.06	-1.336e+04	1.302e+05
412	377	1.296e+05	-0.02	-0.02	-180.00	0.0	-469.12	531.46	-537.94	6205.44	-0.02	1.875e+04
		1.875e+04	-1.614e+04	-2.40e-04	0.0	30.0	-469.12	351.46	-537.94	6205.44	-1.614e+04	1.296e+05
412	378	1.282e+05	-0.01	-0.02	-180.00	0.0	-451.86	492.41	-319.02	2406.71	-0.01	1.820e+04
		1.820e+04	-9570.72	-1.15e-04	0.0	30.0	-451.86	312.41	-319.02	2406.71	-9570.72	1.282e+05
413	49	3.080e+05	2.746e+04	0.04	-243.00	0.0	-6651.36	-991.99	-915.31	1.302e+04	2.746e+04	3.080e+05
		4.566e+04	0.05	-5.86e-04	0.0	30.0	-6651.36	-1234.99	-915.31	1.302e+04	0.05	4.566e+04
413	117	2.889e+05	2.789e+04	0.04	-243.00	0.0	-6254.06	-885.48	-929.56	1.186e+04	2.789e+04	2.889e+05
		4.257e+04	0.05	-5.29e-04	0.0	30.0	-6254.06	-1128.48	-929.56	1.186e+04	0.05	4.257e+04
413	122	1.221e+05	1.288e+04	0.02	-180.00	0.0	-2676.67	-286.93	-429.49	5787.58	1.288e+04	1.221e+05
		1.843e+04	0.02	-2.27e-04	0.0	30.0	-2676.67	-466.93	-429.49	5787.58	0.02	1.843e+04
413	162	1.241e+05	1.273e+04	0.02	-180.00	0.0	-2705.63	-308.71	-424.43	4814.02	1.273e+04	1.241e+05
		1.812e+04	0.02	-2.12e-04	0.0	30.0	-2705.63	-488.71	-424.43	4814.02	0.02	1.812e+04
413	206	1.251e+05	1.229e+04	0.02	-180.00	0.0	-2730.47	-311.64	-409.82	4333.80	1.229e+04	1.251e+05
		1.820e+04	0.02	-2.04e-04	0.0	30.0	-2730.47	-491.64	-409.82	4333.80	0.02	1.820e+04
413	251	1.690e+05	1.740e+04	0.02	-180.00	0.0	-3652.09	-499.49	-579.93	6527.08	1.740e+04	1.690e+05
		2.508e+04	0.01	-9.64e-05	0.0	30.0	-3652.09	-679.49	-579.93	6527.08	0.01	2.508e+04
413	263	2.063e+05	1.977e+04	0.03	-180.00	0.0	-4468.49	-626.45	-659.00	8324.26	1.977e+04	2.063e+05
		3.027e+04	0.03	-3.92e-04	0.0	30.0	-4468.49	-806.45	-659.00	8324.26	0.03	3.027e+04
413	267	1.271e+05	1.314e+04	0.02	-180.00	0.0	-2770.59	-319.25	-437.88	5347.81	1.314e+04	1.271e+05
		1.880e+04	0.02	-2.25e-04	0.0	30.0	-2770.59	-499.25	-437.88	5347.81	0.02	1.880e+04
413	287	1.285e+05	1.303e+04	0.02	-180.00	0.0	-2789.98	-333.82	-434.46	4695.96	1.303e+04	1.285e+05
		1.859e+04	0.02	-2.15e-04	0.0	30.0	-2789.98	-513.82	-434.46	4695.96	0.02	1.859e+04
413	289	2.190e+05	1.950e+04	0.03	-180.00	0.0	-4733.10	-696.08	-649.99	9538.07	1.950e+04	2.190e+05
		3.239e+04	0.04	-4.59e-04	0.0	30.0	-4733.10	-876.08	-649.99	9538.07	0.04	3.239e+04
413	309	1.291e+05	1.274e+04	0.02	-180.00	0.0	-2806.45	-335.72	-424.77	4378.65	1.274e+04	1.291e+05
		1.864e+04	0.02	-2.10e-04	0.0	30.0	-2806.45	-515.72	-424.77	4378.65	0.02	1.864e+04
413	310	1.279e+05	1.303e+04	0.02	-180.00	0.0	-2785.67	-325.38	-434.43	5010.13	1.303e+04	1.279e+05
		1.875e+04	0.02	-2.20e-04	0.0	30.0	-2785.67	-505.38	-434.43	5010.13	0.02	1.875e+04
413	311	1.814e+05	1.694e+04	0.02	-180.00	0.0	-3918.69	-554.04	-564.52	6770.92	1.694e+04	1.814e+05
		2.631e+04	0.03	-3.39e-04	0.0	30.0	-3918.69	-734.04	-564.52	6770.92	0.03	2.631e+04
413	321	1.599e+05	1.601e+04	0.02	-180.00	0.0	-3455.84	-466.26	-533.74	5510.58	1.601e+04	1.599e+05
		2.338e+04	0.01	-1.17e-04	0.0	30.0	-3455.84	-646.26	-533.74	5510.58	0.01	2.338e+04
413	324	1.291e+05	1.274e+04	0.02	-180.00	0.0	-2806.45	-335.72	-424.77	4378.65	1.274e+04	1.291e+05
		1.864e+04	0.02	-2.10e-04	0.0	30.0	-2806.45	-515.72	-424.77	4378.65	0.02	1.864e+04
413	333	1.257e+05	1.167e+04	0.02	-180.00	0.0	-2721.77	-316.73	-389.08	3279.89	1.167e+04	1.257e+05
		1.539e+04	0.02	-1.12e-04	0.0	30.0	-2721.77	-496.73	-389.08	3279.89	0.02	1.539e+04
413	336	1.326e+05	1.381e+04	0.02	-180.00	0.0	-2891.14	-354.72	-460.46	5477.42	1.381e+04	1.326e+05
		2.190e+04	0.02	-3.07e-04	0.0	30.0	-2891.14	-534.72	-460.46	5477.42	0.02	2.190e+04
413	346	1.307e+05	1.810e+04	0.02	-180.00	0.0	-2816.33	-372.79	-603.19	7573.40	1.810e+04	1.307e+05
		1.915e+04	-2.87e-03	3.16e-04	0.0	30.0	-2816.33	-552.79	-603.19	7573.40	-2.87e-03	1.915e+04
413	365	1.275e+05	1.221e+04	0.02	-180.00	0.0	-2766.89	-327.28	-407.16	3898.78	1.221e+04	1.275e+05
		1.713e+04	0.02	-1.10e-04	0.0	30.0	-2766.89	-507.28	-407.16	3898.78	0.02	1.713e+04
413	368	1.307e+05	1.327e+04	0.02	-180.00	0.0	-2846.02	-344.16	-442.38	4858.53	1.327e+04	1.307e+05
		2.016e+04	0.02	-3.09e-04	0.0	30.0	-2846.02	-524.16	-442.38	4858.53	0.02	2.016e+04
413	378	1.295e+05	1.540e+04	0.02	-180.00	0.0	-2801.95	-350.94	-513.18	5743.43	1.540e+04	1.295e+05
		1.852e+04	0.02	-1.18e-04	0.0	30.0	-2801.95	-530.94	-513.18	5743.43	0.02	1.852e+04
413	385	1.281e+05	1.079e+04	0.02	-180.00	0.0	-2789.04	-323.16	-359.63	3089.90	1.079e+04	1.281e+05
		1.797e+04	0.01	-1.46e-04	0.0	30.0	-2789.04	-503.16	-359.63	3089.90	0.01	1.797e+04
414	105	3.141e+05	2.808e+04	-0.04	-243.00	0.0	-1145.09	1262.30	936.02	-1.324e+04	2.808e+04	3.141e+05
		4.651e+04	0.05	5.93e-04	0.0	30.0	-1145.09	1019.30	936.02	-1.324e+04	0.05	4.651e+04
414	113	2.972e+05	2.855e+04	-0.04	-243.00	0.0	-1078.41	1168.04	951.77	-1.171e+04	2.855e+04	2.972e+05
		4.358e+04	0.05	5.22e-04	0.0	30.0	-1078.41	925.04	951.77	-1.171e+04	0.05	4.358e+04
414	206	3.141e+05	1.229e+04	-0.02	-180.00	0.0	-451.93	491.65	409.83	-4333.87	1.229e+04	3.141e+05
		1.820e+04	0.02	2.04e-04	0.0	30.0	-451.93	311.65	409.83	-4333.87	0.02	1.820e+04
414	243	1.782e+05	1.834e+04	-0.02	-180.00	0.0	-655.51	721.21	611.31	-6856.85	1.834e+04	1.782e+05
		2.632e+04	0.02	1.21e-04	0.0	30.0	-655.51	541.21	611.31	-6856.85	0.02	2.632e+04
414	263	2.166e+05	2.075e+04	-0.03	-180.00	0.0	-785.28	852.84	691.50	-8477.83	2.075e+04	2.166e+05
		3.174e+04	0.03	3.79e-04	0.0	30.0	-785.28	672.84	691.50	-8477.83	0.03	3.174e+04
414	270	2.306e+05	2.066e+04	-0.03	-180.00	0.0	-843.38	923.96	688.69	-1.000e+04	2.066e+04	2.306e+05

		3.426e+04	0.04	4.44e-04	0.0	30.0	-843.38	743.96	688.69	-1.000e+04	2.066e+04	2.306e+05
414	287	1.326e+05	1.345e+04	-0.02	-180.00	0.0	-477.36	532.38	448.43	-4837.30	0.02	1.915e+04
		1.915e+04	0.02	2.22e-04	0.0	30.0	-477.36	352.38	448.43	-4837.30	1.345e+04	1.326e+05
414	289	2.313e+05	2.065e+04	-0.03	-180.00	0.0	-841.13	931.70	688.40	-9679.48	0.04	3.415e+04
		3.415e+04	0.04	4.38e-04	0.0	30.0	-841.13	751.70	688.40	-9679.48	2.065e+04	2.313e+05
414	309	1.291e+05	1.274e+04	-0.02	-180.00	0.0	-463.93	515.73	424.77	-4378.72	0.02	1.864e+04
		1.864e+04	0.02	2.10e-04	0.0	30.0	-463.93	335.73	424.77	-4378.72	1.274e+04	1.291e+05
414	311	1.875e+05	1.749e+04	-0.02	-180.00	0.0	-673.06	761.85	582.92	-6774.76	0.03	2.721e+04
		2.721e+04	0.03	3.18e-04	0.0	30.0	-673.06	581.85	582.92	-6774.76	1.749e+04	1.875e+05
414	319	1.637e+05	1.640e+04	-0.02	-180.00	0.0	-594.75	663.62	546.70	-5645.63	0.02	2.389e+04
		2.389e+04	0.02	1.30e-04	0.0	30.0	-594.75	483.62	546.70	-5645.63	1.640e+04	1.637e+05
414	324	1.291e+05	1.274e+04	-0.02	-180.00	0.0	-463.93	515.73	424.77	-4378.72	0.02	1.864e+04
		1.864e+04	0.02	2.10e-04	0.0	30.0	-463.93	335.73	424.77	-4378.72	1.274e+04	1.291e+05
414	341	1.312e+05	993.30	-0.02	-180.00	0.0	-422.06	599.63	33.11	5948.70	-9.51e-03	1.721e+04
		1.721e+04	-9.51e-03	-3.62e-04	0.0	30.0	-422.06	419.63	33.11	5948.70	993.30	1.312e+05
414	342	1.261e+05	2.493e+04	-0.02	-180.00	0.0	-492.11	416.80	831.02	-1.442e+04	0.04	1.942e+04
		1.942e+04	0.04	6.51e-04	0.0	30.0	-492.11	236.80	831.02	-1.442e+04	2.493e+04	1.261e+05
414	344	1.271e+05	2.449e+04	-0.02	-180.00	0.0	-505.81	431.82	816.44	-1.471e+04	0.05	2.008e+04
		2.008e+04	0.05	7.81e-04	0.0	30.0	-505.81	251.82	816.44	-1.471e+04	2.449e+04	1.271e+05
414	347	1.322e+05	608.25	-0.02	-180.00	0.0	-435.62	614.81	20.27	5587.38	-7.44e-03	1.864e+04
		1.786e+04	-7.44e-03	-2.83e-04	0.0	30.0	-435.62	434.81	20.27	5587.38	608.25	1.322e+05
414	357	1.281e+05	1.213e+04	-0.02	-180.00	0.0	-449.87	497.25	404.30	-3566.47	0.02	1.801e+04
		1.801e+04	0.02	8.33e-05	0.0	30.0	-449.87	317.25	404.30	-3566.47	1.213e+04	1.281e+05
414	360	1.302e+05	1.336e+04	-0.02	-180.00	0.0	-478.00	534.20	445.24	-5190.97	0.02	1.928e+04
		1.928e+04	0.02	3.36e-04	0.0	30.0	-478.00	354.20	445.24	-5190.97	1.336e+04	1.302e+05
414	368	1.302e+05	1.344e+04	-0.02	-180.00	0.0	-477.76	534.45	448.12	-5313.70	0.02	1.927e+04
		1.927e+04	0.02	2.52e-04	0.0	30.0	-477.76	354.45	448.12	-5313.70	1.344e+04	1.302e+05
414	373	1.282e+05	9570.74	-0.02	-180.00	0.0	-451.86	492.41	319.02	-2406.65	0.01	1.820e+04
		1.820e+04	0.01	1.15e-04	0.0	30.0	-451.86	312.41	319.02	-2406.65	9570.74	1.282e+05
414	374	1.296e+05	1.614e+04	-0.02	-180.00	0.0	-469.12	531.47	537.94	-6205.33	0.02	1.875e+04
		1.875e+04	0.02	2.40e-04	0.0	30.0	-469.12	351.47	537.94	-6205.33	1.614e+04	1.296e+05
415	49	2.986e+05	-0.07	0.03	-243.00	0.0	-6458.54	-843.58	1457.13	-1.740e+04	-4.371e+04	2.986e+05
		3.616e+04	-4.371e+04	3.32e-04	0.0	30.0	-6458.54	-1086.58	1457.13	-1.740e+04	-0.07	3.616e+05
415	74	1.836e+05	0.05	0.09	-180.00	0.0	-3660.92	-683.25	827.52	-6879.53	-2.483e+04	1.836e+05
		1.475e+04	-2.483e+04	-6.27e-04	0.0	30.0	-3660.92	-863.25	827.52	-6879.53	0.05	1.475e+04
415	76	1.481e+05	0.03	0.07	-180.00	0.0	-3019.44	-471.10	671.46	-5670.92	-2.014e+04	1.481e+05
		1.302e+04	-2.014e+04	-4.40e-04	0.0	30.0	-3019.44	-651.10	671.46	-5670.92	0.03	1.302e+04
415	122	1.171e+05	-0.02	0.02	-180.00	0.0	-2594.10	-203.31	568.33	-5913.41	-1.705e+04	1.171e+05
		1.414e+04	-1.705e+04	5.83e-05	0.0	30.0	-2594.10	-383.31	568.33	-5913.41	-0.02	1.414e+04
415	243	1.352e+05	0.02	0.07	-180.00	0.0	-2796.57	-376.31	638.50	-5697.06	-1.916e+04	1.352e+05
		1.340e+04	-1.916e+04	-3.34e-04	0.0	30.0	-2796.57	-556.31	638.50	-5697.06	0.02	1.340e+04
415	267	1.241e+05	-0.03	0.02	-180.00	0.0	-2756.97	-209.88	624.76	-6586.70	-1.874e+04	1.241e+05
		1.573e+04	-1.874e+04	1.12e-04	0.0	30.0	-2756.97	-389.88	624.76	-6586.70	-0.03	1.573e+04
415	289	2.132e+05	-0.04	0.03	-180.00	0.0	-4606.73	-597.26	1066.68	-1.217e+04	-3.155e+04	2.132e+05
		2.584e+04	-3.155e+04	1.80e-04	-30.06	30.0	-4606.73	-777.26	1036.62	-1.217e+04	-0.04	2.584e+04
415	310	1.264e+05	-0.03	0.02	-180.00	0.0	-2809.44	-215.83	639.96	-7024.76	-1.920e+04	1.264e+05
		1.636e+04	-1.920e+04	1.43e-04	0.0	30.0	-2809.44	-395.83	639.96	-7024.76	-0.03	1.636e+04
415	311	1.811e+05	-0.05	0.02	-180.00	0.0	-3961.03	-444.15	899.19	-1.104e+04	-2.698e+04	1.811e+05
		2.328e+04	-2.698e+04	2.34e-04	0.0	30.0	-3961.03	-624.15	899.19	-1.104e+04	-0.05	2.328e+04
415	319	1.368e+05	2.00e+04	0.06	-180.00	0.0	-2885.29	-346.18	666.09	-6830.67	-1.998e+04	1.368e+05
		1.522e+04	-1.998e+04	-1.59e-04	0.0	30.0	-2885.29	-526.18	666.09	-6830.67	2.00e-04	1.522e+04
415	324	1.301e+05	-0.04	0.02	-180.00	0.0	-2894.41	-225.78	667.01	-7820.29	-2.001e+04	1.301e+05
		1.743e+04	-2.001e+04	1.99e-04	0.0	30.0	-2894.41	-405.78	667.01	-7820.29	-0.04	1.743e+04
415	342	1.214e+05	-2.52e-03	0.02	-180.00	0.0	-2727.87	-146.71	448.76	-2557.66	-1.346e+04	1.214e+05
		1.062e+04	-1.346e+04	3.05e-04	0.0	30.0	-2727.87	-326.71	448.76	-2557.66	-2.52e-03	1.062e+04
415	343	1.389e+05	-0.07	0.02	-180.00	0.0	-3060.96	-304.86	885.27	-1.308e+04	-2.656e+04	1.389e+05
		2.424e+04	-2.656e+04	9.25e-05	0.0	30.0	-3060.96	-484.86	885.27	-1.308e+04	-0.07	2.424e+04
415	347	1.388e+05	-0.07	0.02	-180.00	0.0	-3059.30	-305.00	889.80	-1.322e+04	-2.669e+04	1.388e+05
		2.417e+04	-2.669e+04	4.13e-05	0.0	30.0	-3059.30	-485.00	889.80	-1.322e+04	-0.07	2.417e+04
415	374	1.265e+05	-0.03	0.02	-180.00	0.0	-2821.48	-194.20	560.25	-5466.03	-1.681e+04	1.265e+05
		1.452e+04	-1.681e+04	7.64e-05	0.0	30.0	-2821.48	-374.20	560.25	-5466.03	-0.03	1.452e+04
415	375	1.338e+05	-0.05	0.02	-180.00	0.0	-2967.35	-257.37	773.78	-1.017e+04	-2.321e+04	1.338e+05
		2.033e+04	-2.321e+04	3.21e-04	0.0	30.0	-2967.35	-437.37	773.78	-1.017e+04	-0.05	2.033e+04
415	379	1.338e+05	-0.05	0.02	-180.00	0.0	-2966.52	-257.44	776.04	-1.025e+04	-2.328e+04	1.338e+05
		2.030e+04	-2.328e+04	2.88e-04	0.0	30.0	-2966.52	-437.44	776.04	-1.025e+04	-0.05	2.030e+04
415	382	1.269e+05	-0.02	0.02	-180.00	0.0	-2833.42	-188.65	584.13	-5791.77	-1.752e+04	1.269e+05
		1.498e+04	-1.752e+04	2.44e-05	0.0	30.0	-2833.42	-368.65	584.13	-5791.77	-0.02	1.498e+04
416	90	1.707e+05	0.06	-0.09	-180.00	0.0	-304.96	839.12	-750.66	5357.61	0.06	1.240e+04
		1.240e+04	-2.252e+04	7.10e-04	0.0	30.0	-304.96	659.12	-750.66	5357.61	-2.252e+04	1.240e+05
416	92	1.400e+05	0.04	-0.07	-180.00	0.0	-272.06	639.90	-621.02	4633.01	0.04	1.146e+04
		1.146e+04	-1.863e+04	5.01e-04	0.0	30.0	-272.06	459.90	-621.02	4633.01	-1.863e+04	1.146e+05
416	165	3.050e+05	-0.07	-0.03	-243.00	0.0	-900.17	1111.62	-1481.71	1.773e+04	-0.07	3.718e+04
		3.718e+04	-4.513e+04	-3.54e-04	-45.09	30.0	-900.17	868.62	-1526.80	1.773e+04	-4.513e+04	3.050e+05
416	251	1.251e+05	0.03	-0.07	-180.00	0.0	-265.23	536.62	-579.14	4523.43	0.03	1.158e+04
		1.158e+04	-1.737e+04	3.98e-04	0.0	30.0	-265.23	356.62	-579.14	4523.43	-1.737e+04	1.251e+05
416	289	2.253e+05	-0.06	-0.02	-180.00	0.0	-665.71	822.46	-1094.03	1.317e+04	-0.06	2.747e+04
		2.747e+04	-3.327e+04	-2.64e-04	-30.06	30.0	-665.71	642.46	-1124.09	1.317e+04	-3.327e+04	2.253e+05

416	311	1.869e+05	-0.05	-0.02	-180.00	0.0	-576.45	645.10	-927.72	1.156e+04	-0.05	2.408e+04
		2.408e+04	-2.783e+04	-2.91e-04	0.0	30.0	-576.45	465.10	-927.72	1.156e+04	-2.783e+04	1.869e+05
416	321	1.260e+05	7.70e-03	-0.06	-180.00	0.0	-310.57	498.34	-607.15	5724.76	7.70e-03	1.343e+05
		1.343e+04	-1.821e+04	2.12e-04	0.0	30.0	-310.57	318.34	-607.15	5724.76	-1.821e+04	1.260e+05
416	324	1.301e+05	-0.04	-0.02	-180.00	0.0	-407.16	405.79	-667.02	7820.34	-0.04	1.743e+04
		1.743e+04	-2.001e+04	-1.99e-04	0.0	30.0	-407.16	225.79	-667.02	7820.34	-2.001e+04	1.301e+05
416	343	1.420e+05	-0.12	-0.02	-180.00	0.0	-673.24	286.12	-1112.65	1.996e+04	-0.12	2.766e+04
		2.766e+04	-3.338e+04	-1.35e-03	0.0	30.0	-673.24	106.12	-1112.65	1.996e+04	-3.338e+04	1.420e+05
416	346	1.182e+05	0.04	-0.02	-180.00	0.0	-139.87	525.62	-224.27	-4229.75	0.04	7115.72
		7115.72	-6728.26	9.94e-04	0.0	30.0	-139.87	345.62	-224.27	-4229.75	-6728.26	1.182e+05
416	347	1.421e+05	-0.12	-0.02	-180.00	0.0	-674.45	285.97	-1109.76	1.987e+04	-0.12	2.774e+04
		2.774e+04	-3.329e+04	-1.39e-03	0.0	30.0	-674.45	105.97	-1109.76	1.987e+04	-3.329e+04	1.421e+05
416	375	1.340e+05	-0.05	-0.02	-180.00	0.0	-484.76	440.77	-800.56	1.077e+04	-0.05	2.045e+04
		2.045e+04	-2.402e+04	-4.49e-04	0.0	30.0	-484.76	260.77	-800.56	1.077e+04	-2.402e+04	1.340e+05
416	378	1.263e+05	-0.02	-0.02	-180.00	0.0	-328.96	370.89	-534.91	4911.97	-0.02	1.437e+04
		1.437e+04	-1.605e+04	7.48e-05	0.0	30.0	-328.96	190.89	-534.91	4911.97	-1.605e+04	1.263e+05
416	379	1.340e+05	-0.05	-0.02	-180.00	0.0	-485.36	440.69	-799.12	1.073e+04	-0.05	2.049e+04
		2.049e+04	-2.397e+04	-4.72e-04	0.0	30.0	-485.36	260.69	-799.12	1.073e+04	-2.397e+04	1.340e+05
417	105	3.847e+05	5.660e+04	0.04	-243.00	0.0	-8560.04	-902.25	-1886.52	2.714e+04	5.660e+04	3.847e+05
		5.557e+04	0.12	-6.68e-04	0.0	30.0	-8560.04	-1145.25	-1886.52	2.714e+04	0.12	5.557e+04
417	206	1.262e+05	1.895e+04	0.02	-180.00	0.0	-2800.29	-227.17	-631.73	7764.00	1.895e+04	1.262e+05
		1.668e+04	0.04	-1.88e-04	0.0	30.0	-2800.29	-407.17	-631.73	7764.00	0.04	1.668e+04
417	270	2.787e+05	4.137e+04	0.03	-180.00	0.0	-6207.01	-642.22	-1394.07	1.957e+04	4.137e+04	2.787e+05
		4.024e+04	0.10	-5.45e-04	30.06	30.0	-6207.01	-822.22	-1364.01	1.957e+04	0.10	4.024e+04
417	287	1.360e+05	2.103e+04	0.02	-180.00	0.0	-3021.57	-246.57	-700.97	8598.42	2.103e+04	1.360e+05
		1.852e+04	0.04	-2.47e-04	0.0	30.0	-3021.57	-426.57	-700.97	8598.42	0.04	1.852e+04
417	309	1.301e+05	2.001e+04	0.02	-180.00	0.0	-2894.45	-225.79	-667.02	7820.44	2.001e+04	1.301e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.45	-405.79	-667.02	7820.44	0.04	1.743e+04
417	311	2.093e+05	3.097e+04	0.03	-180.00	0.0	-4640.68	-474.74	-1032.27	1.380e+04	3.097e+04	2.093e+05
		2.907e+04	0.06	-3.16e-04	0.0	30.0	-4640.68	-654.74	-1032.27	1.380e+04	0.06	2.907e+04
417	324	1.301e+05	2.001e+04	0.02	-180.00	0.0	-2894.45	-225.79	-667.02	7820.44	2.001e+04	1.301e+05
		1.743e+04	0.04	-1.99e-04	0.0	30.0	-2894.45	-405.79	-667.02	7820.44	0.04	1.743e+04
417	344	1.419e+05	3.225e+04	0.02	-180.00	0.0	-3141.43	-112.95	-1075.08	1.708e+04	3.225e+04	1.419e+05
		2.716e+04	0.11	-1.10e-03	0.0	30.0	-3141.43	-292.95	-1075.08	1.708e+04	0.11	2.716e+04
417	345	1.183e+05	7858.43	0.02	-180.00	0.0	-2646.80	-338.55	-261.95	-1313.12	7858.43	1.183e+05
		7660.88	-0.03	8.52e-04	0.0	30.0	-2646.80	-518.55	-261.95	-1313.12	-0.03	7660.88
417	348	1.420e+05	3.216e+04	0.02	-180.00	0.0	-3142.09	-113.03	-1072.10	1.695e+04	3.216e+04	1.420e+05
		2.719e+04	0.11	-1.25e-03	0.0	30.0	-3142.09	-293.03	-1072.10	1.695e+04	0.11	2.719e+04
417	376	1.340e+05	2.355e+04	0.02	-180.00	0.0	-2979.11	-259.59	-785.12	1.106e+04	2.355e+04	1.340e+05
		2.072e+04	0.06	-4.67e-04	0.0	30.0	-2979.11	-439.59	-785.12	1.106e+04	0.06	2.072e+04
417	377	1.263e+05	1.651e+04	0.02	-180.00	0.0	-2809.46	-191.95	-550.42	4642.04	1.651e+04	1.263e+05
		1.412e+04	0.01	1.47e-04	0.0	30.0	-2809.46	-371.95	-550.42	4642.04	0.01	1.412e+04
417	380	1.340e+05	2.351e+04	0.02	-180.00	0.0	-2979.43	-259.63	-783.62	1.100e+04	2.351e+04	1.340e+05
		2.074e+04	0.06	-5.44e-04	0.0	30.0	-2979.43	-439.63	-783.62	1.100e+04	0.06	2.074e+04
418	97	3.959e+05	5.811e+04	-0.04	-242.99	0.0	-1358.15	1190.72	1936.93	-2.792e+04	5.811e+04	3.959e+05
		5.701e+04	0.13	6.77e-04	0.0	30.0	-1358.15	947.72	1936.93	-2.792e+04	0.13	5.701e+04
418	206	1.263e+05	1.895e+04	-0.02	-179.99	0.0	-393.28	407.25	631.83	-7765.51	0.04	1.669e+04
		1.669e+04	0.04	1.88e-04	0.0	30.0	-393.28	227.26	631.83	-7765.51	1.895e+04	1.263e+05
418	270	2.662e+05	3.810e+04	-0.08	-179.99	0.0	-865.81	731.69	1255.15	-1.839e+04	0.11	3.783e+04
		3.783e+04	0.11	6.92e-04	30.06	30.0	-865.81	551.70	1285.21	-1.839e+04	3.810e+04	2.662e+05
418	287	1.405e+05	2.163e+04	-0.02	-179.99	0.0	-449.11	444.98	721.05	-8905.60	0.04	1.910e+04
		1.910e+04	0.04	2.39e-04	0.0	30.0	-449.11	264.99	721.05	-8905.60	2.163e+04	1.405e+05
418	309	1.302e+05	2.001e+04	-0.02	-179.99	0.0	-407.26	405.88	667.13	-7821.98	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.26	225.88	667.13	-7821.98	2.001e+04	1.302e+05
418	311	1.966e+05	2.807e+04	-0.06	-179.99	0.0	-612.34	572.97	935.76	-1.269e+04	0.07	2.684e+04
		2.684e+04	0.07	4.35e-04	0.0	30.0	-612.34	392.98	935.76	-1.269e+04	2.807e+04	1.966e+05
418	324	1.302e+05	2.001e+04	-0.02	-179.99	0.0	-407.26	405.88	667.13	-7821.98	0.04	1.743e+04
		1.743e+04	0.04	1.99e-04	0.0	30.0	-407.26	225.88	667.13	-7821.98	2.001e+04	1.302e+05
418	341	1.219e+05	1.377e+04	-0.03	-179.99	0.0	-255.32	331.38	458.89	-1837.82	2.10e-03	1.112e+04
		1.112e+04	2.10e-03	1.70e-04	0.0	30.0	-255.32	151.38	458.89	-1837.82	1.377e+04	1.219e+05
418	344	1.384e+05	2.626e+04	-0.02	-179.99	0.0	-559.20	480.38	875.37	-1.381e+04	0.07	2.374e+04
		2.374e+04	0.07	2.27e-04	0.0	30.0	-559.20	300.38	875.37	-1.381e+04	2.626e+04	1.384e+05
418	348	1.384e+05	2.630e+04	-0.02	-179.99	0.0	-557.68	480.66	876.82	-1.384e+04	0.07	2.369e+04
		2.369e+04	0.07	1.94e-04	0.0	30.0	-557.68	300.67	876.82	-1.384e+04	2.630e+04	1.384e+05
418	357	1.272e+05	1.773e+04	-0.03	-179.99	0.0	-350.92	382.54	590.95	-5570.45	0.02	1.508e+04
		1.508e+04	0.02	-1.95e-05	0.0	30.0	-350.92	202.55	590.95	-5570.45	1.773e+04	1.272e+05
418	373	1.269e+05	1.738e+04	-0.02	-179.99	0.0	-347.33	374.29	579.27	-5269.71	0.02	1.498e+04
		1.498e+04	0.02	1.23e-04	0.0	30.0	-347.33	194.29	579.27	-5269.71	1.738e+04	1.269e+05
418	376	1.334e+05	2.265e+04	-0.02	-179.99	0.0	-467.20	437.47	754.98	-1.037e+04	0.05	1.988e+04
		1.988e+04	0.05	2.74e-04	0.0	30.0	-467.20	257.48	754.98	-1.037e+04	2.265e+04	1.334e+05
418	380	1.334e+05	2.267e+04	-0.02	-179.99	0.0	-466.44	437.61	755.71	-1.039e+04	0.05	1.985e+04
		1.985e+04	0.05	2.58e-04	0.0	30.0	-466.44	257.62	755.71	-1.039e+04	2.267e+04	1.334e+05
419	98	2.439e+05	4.49e-03	0.11	-180.00	0.0	-5270.07	-651.31	938.13	-2981.33	-2.814e+04	2.439e+05
		3.390e+04	-2.814e+04	-1.60e-04	0.0	30.0	-5270.07	-831.31	938.13	-2981.33	4.49e-03	3.390e+04
419	105	3.553e+05	-0.06	0.04	-243.00	0.0	-7684.23	-1111.78	1247.47	-8725.81	-3.742e+04	3.553e+05
		4.917e+04	-3.742e+04	7.01e-04	0.0	30.0	-7684.23	-1354.78	1247.47	-8725.81	-0.06	4.917e+04
419	206	1.251e+05	-0.02	0.02	-180.00	0.0	-2730.49	-311.65	409.83	-4333.78	-1.229e+04	1.251e+05

		1.820e+04	-1.229e+04	2.04e-04	0.0	30.0	-2730.49	-491.65	409.83	-4333.78	-0.02	1.820e+04
419	255	1.517e+05	2.12e-03	0.08	-180.00	0.0	-3228.03	-422.30	525.63	-2602.75	-1.577e+04	1.517e+05
		2.118e+04	-1.577e+04	-9.94e-05	0.0	30.0	-3228.03	-602.30	525.63	-2602.75	2.12e-03	2.118e+04
419	268	1.345e+05	-0.02	0.02	-180.00	0.0	-2908.72	-370.46	427.93	-3563.12	-1.284e+04	1.345e+05
		1.891e+04	-1.284e+04	1.90e-04	0.0	30.0	-2908.72	-550.46	427.93	-3563.12	-0.02	1.891e+04
419	270	2.584e+05	-0.04	0.03	-180.00	0.0	-5591.85	-801.95	911.16	-6252.93	-2.733e+04	2.584e+05
		3.579e+04	-2.733e+04	4.47e-04	0.0	30.0	-5591.85	-981.95	911.16	-6252.93	-0.04	3.579e+04
419	287	1.335e+05	-0.02	0.02	-180.00	0.0	-2895.19	-358.82	428.72	-4087.21	-1.286e+04	1.335e+05
		1.910e+04	-1.286e+04	2.05e-04	0.0	30.0	-2895.19	-538.82	428.72	-4087.21	-0.02	1.910e+04
419	289	2.578e+05	-0.04	0.03	-180.00	0.0	-5583.73	-794.96	911.64	-6567.38	-2.735e+04	2.578e+05
		3.590e+04	-2.735e+04	4.55e-04	0.0	30.0	-5583.73	-974.96	911.64	-6567.38	-0.04	3.590e+04
419	309	1.291e+05	-0.02	0.02	-180.00	0.0	-2806.47	-335.73	424.77	-4378.63	-1.274e+04	1.291e+05
		1.864e+04	-1.274e+04	2.10e-04	0.0	30.0	-2806.47	-515.73	424.77	-4378.63	-0.02	1.864e+04
419	310	1.300e+05	-0.02	0.02	-180.00	0.0	-2819.97	-344.06	414.19	-3742.42	-1.243e+04	1.300e+05
		1.851e+04	-1.243e+04	1.91e-04	0.0	30.0	-2819.97	-524.06	414.19	-3742.42	-0.02	1.851e+04
419	311	1.395e+05	-0.03	0.02	-180.00	0.0	-4312.46	-604.99	685.53	-6008.05	-2.057e+04	1.395e+05
		2.808e+04	-2.057e+04	3.86e-04	0.0	30.0	-4312.46	-784.99	685.53	-6008.05	-0.03	2.808e+04
419	322	1.423e+05	-4.14e-03	0.06	-180.00	0.0	-3046.98	-380.40	497.69	-3415.79	-1.493e+04	1.423e+05
		2.021e+04	-1.493e+04	-1.29e-05	0.0	30.0	-3046.98	-560.40	497.69	-3415.79	-4.14e-03	2.021e+04
419	324	1.291e+05	-0.02	0.02	-180.00	0.0	-2806.47	-335.73	424.77	-4378.63	-1.274e+04	1.291e+05
		1.864e+04	-1.274e+04	2.10e-04	0.0	30.0	-2806.47	-515.73	424.77	-4378.63	-0.02	1.864e+04
419	326	1.224e+05	-2.94e-03	0.03	-180.00	0.0	-2658.73	-340.88	353.17	-1441.84	-1.060e+04	1.224e+05
		1.282e+04	-1.060e+04	-4.36e-04	0.0	30.0	-2658.73	-520.88	353.17	-1441.84	-2.94e-03	1.282e+04
419	327	1.359e+05	-0.03	0.02	-180.00	0.0	-2954.22	-330.57	496.37	-7315.43	-1.489e+04	1.359e+05
		2.447e+04	-1.489e+04	8.55e-04	0.0	30.0	-2954.22	-510.57	496.37	-7315.43	-0.03	2.447e+04
419	341	1.298e+05	-0.04	0.02	-180.00	0.0	-2790.69	-243.80	780.74	-1.080e+04	-2.342e+04	1.298e+05
		1.772e+04	-2.342e+04	4.61e-04	0.0	30.0	-2790.69	-423.80	780.74	-1.080e+04	-0.04	1.772e+04
419	342	1.249e+05	6.57e-03	0.02	-180.00	0.0	-2738.32	-415.31	88.17	2599.12	-2645.18	1.249e+05
		1.621e+04	-2645.18	-3.55e-04	0.0	30.0	-2738.32	-595.31	88.17	2599.12	6.57e-03	1.621e+04
419	358	1.260e+05	-0.01	0.02	-180.00	0.0	-2734.50	-321.79	415.25	-3269.82	-1.246e+04	1.260e+05
		1.579e+04	-1.246e+04	-8.25e-05	0.0	30.0	-2734.50	-501.79	415.25	-3269.82	-0.01	1.579e+04
419	359	1.323e+05	-0.03	0.02	-180.00	0.0	-2878.45	-349.66	434.29	-5487.45	-1.303e+04	1.323e+05
		2.150e+04	-1.303e+04	5.02e-04	0.0	30.0	-2878.45	-529.66	434.29	-5487.45	-0.03	2.150e+04
419	363	1.323e+05	-0.02	0.02	-180.00	0.0	-2877.32	-349.99	429.30	-5146.91	-1.288e+04	1.323e+05
		2.148e+04	-1.288e+04	4.77e-04	0.0	30.0	-2877.32	-529.99	429.30	-5146.91	-0.02	2.148e+04
419	373	1.287e+05	-0.02	0.02	-180.00	0.0	-2791.70	-344.36	515.65	-6379.17	-1.547e+04	1.287e+05
		1.798e+04	-1.547e+04	2.34e-04	0.0	30.0	-2791.70	-524.36	515.65	-6379.17	-0.02	1.798e+04
419	374	1.278e+05	-0.01	0.02	-180.00	0.0	-2779.19	-320.84	343.65	-2098.10	-1.031e+04	1.278e+05
		1.763e+04	-1.031e+04	2.88e-05	0.0	30.0	-2779.19	-500.84	343.65	-2098.10	-0.01	1.763e+04
420	97	3.661e+05	-0.06	-0.04	-243.00	0.0	-1261.90	1404.00	-1283.70	9094.77	-0.06	5.072e+04
		5.072e+04	-3.851e+04	-7.39e-04	0.0	30.0	-1261.90	1161.00	-1283.70	9094.77	-3.851e+04	3.661e+05
420	106	2.588e+05	-6.27e-04	-0.11	-180.00	0.0	-912.73	894.21	-998.52	4226.75	-6.27e-04	3.633e+04
		3.633e+04	-2.996e+04	1.08e-04	0.0	30.0	-912.73	714.21	-998.52	4226.75	-2.996e+04	2.588e+05
420	165	3.402e+05	-0.02	-0.10	-243.00	0.0	-1197.52	1265.09	-1296.14	7893.92	-0.02	4.773e+04
		4.773e+04	-3.888e+04	-1.64e-04	0.0	30.0	-1197.52	1022.09	-1296.14	7893.92	-3.888e+04	3.402e+05
420	206	1.251e+05	-0.02	-0.02	-180.00	0.0	-451.99	491.72	-409.92	4334.66	-0.02	1.820e+04
		1.820e+04	-1.230e+04	-2.04e-04	0.0	30.0	-451.99	311.72	-409.92	4334.66	-1.230e+04	1.251e+05
420	210	2.509e+05	-0.02	-0.07	-180.00	0.0	-882.69	931.59	-956.18	5754.75	-0.02	3.518e+04
		3.518e+04	-2.869e+04	-1.19e-04	0.0	30.0	-882.69	751.59	-956.18	5754.75	-2.869e+04	2.509e+05
420	259	1.622e+05	-2.41e-03	-0.08	-180.00	0.0	-573.86	646.50	-569.50	3531.47	-2.41e-03	2.292e+05
		2.292e+04	-1.709e+04	5.01e-05	0.0	30.0	-573.86	466.50	-569.50	3531.47	-1.709e+04	1.622e+05
420	268	1.390e+05	-0.02	-0.02	-180.00	0.0	-486.59	570.18	-443.95	3768.03	-0.02	1.954e+04
		1.954e+04	-1.332e+04	-2.27e-04	0.0	30.0	-486.59	390.18	-443.95	3768.03	-1.332e+04	1.390e+05
420	270	2.511e+05	-0.02	-0.07	-180.00	0.0	-880.49	936.21	-956.07	5570.44	-0.02	3.508e+04
		3.508e+04	-2.868e+04	-1.19e-04	0.0	30.0	-880.49	756.21	-956.07	5570.44	-2.868e+04	2.511e+05
420	289	2.505e+05	-0.02	-0.07	-180.00	0.0	-882.67	929.27	-956.21	5865.39	-0.02	3.518e+04
		3.518e+04	-2.869e+04	-1.19e-04	0.0	30.0	-882.67	749.27	-956.21	5865.39	-2.869e+04	2.505e+05
420	310	1.300e+05	-0.02	-0.02	-180.00	0.0	-460.98	524.03	-415.18	3792.52	-0.02	1.853e+04
		1.853e+04	-1.246e+04	-2.13e-04	0.0	30.0	-460.98	344.03	-415.18	3792.52	-1.246e+04	1.300e+05
420	311	1.907e+05	-0.02	-0.06	-180.00	0.0	-678.39	735.92	-707.71	5358.01	-0.02	2.708e+04
		2.708e+04	-2.123e+04	-1.20e-04	0.0	30.0	-678.39	555.92	-707.71	5358.01	-2.123e+04	1.907e+05
420	323	1.469e+05	-6.00e-03	-0.06	-180.00	0.0	-526.70	578.81	-518.90	3971.77	-6.00e-03	2.105e+04
		2.105e+04	-1.557e+04	1.35e-05	0.0	30.0	-526.70	398.81	-518.90	3971.77	-1.557e+04	1.469e+05
420	324	1.292e+05	-0.02	-0.02	-180.00	0.0	-463.99	515.80	-424.87	4379.57	-0.02	1.865e+04
		1.865e+04	-1.275e+04	-2.10e-04	0.0	30.0	-463.99	335.80	-424.87	4379.57	-1.275e+04	1.292e+05
420	326	1.232e+05	-0.02	-0.03	-180.00	0.0	-346.69	465.80	-420.44	1941.82	-0.02	1.373e+04
		1.373e+04	-1.261e+04	-1.18e-04	0.0	30.0	-346.69	285.80	-420.44	1941.82	-1.261e+04	1.232e+05
420	327	1.351e+05	-0.02	-0.01	-180.00	0.0	-581.29	565.80	-429.30	6817.32	-0.02	2.357e+04
		2.357e+04	-1.288e+04	-3.02e-04	0.0	30.0	-581.29	385.80	-429.30	6817.32	-1.288e+04	1.351e+05
420	345	1.297e+05	2.91e-03	-0.02	-180.00	0.0	-464.14	536.75	-581.52	7647.60	2.91e-03	1.863e+04
		1.863e+04	-1.745e+04	2.47e-04	0.0	30.0	-464.14	356.75	-581.52	7647.60	-1.745e+04	1.297e+05
420	358	1.263e+05	-0.02	-0.03	-180.00	0.0	-408.09	493.16	-426.37	3273.16	-0.02	1.630e+04
		1.630e+04	-1.279e+04	-1.37e-04	0.0	30.0	-408.09	313.16	-426.37	3273.16	-1.279e+04	1.263e+05
420	359	1.320e+05	-0.02	-0.02	-180.00	0.0	-519.90	538.44	-423.36	5485.98	-0.02	2.100e+04
		2.100e+04	-1.270e+04	-2.82e-04	0.0	30.0	-519.90	358.44	-423.36	5485.98	-1.270e+04	1.320e+05
420	377	1.289e+05	-0.01	-0.02	-180.00	0.0	-454.26	517.37	-492.34	5615.40	-0.01	1.826e+04
		1.826e+04	-1.477e+04	-6.84e-05	0.0	30.0	-454.26	337.37	-492.34	5615.40	-1.477e+04	1.289e+05

421	73	3.144e+05	2.808e+04	0.04	-243.00	0.0	-6783.37	-1020.89	-935.92	1.319e+04	2.808e+04	3.144e+05
		4.647e+04	0.05	-6.02e-04	0.0	30.0	-6783.37	-1263.89	-935.92	1.319e+04	0.05	4.647e+04
421	113	2.911e+05	2.817e+04	0.04	-243.00	0.0	-6304.55	-890.63	-939.01	1.188e+04	2.817e+04	2.911e+05
		4.310e+04	0.04	-4.30e-04	0.0	30.0	-6304.55	-1133.63	-939.01	1.188e+04	0.04	4.310e+04
421	206	1.251e+05	1.229e+04	0.02	-180.00	0.0	-2730.49	-311.65	-409.83	4333.79	1.229e+04	1.251e+05
		1.820e+04	0.02	-2.04e-04	0.0	30.0	-2730.49	-491.65	-409.83	4333.79	0.02	1.820e+04
421	259	1.782e+05	1.830e+04	0.02	-180.00	0.0	-3844.47	-541.92	-610.10	6794.89	1.830e+04	1.782e+05
		2.628e+04	0.02	-1.35e-04	0.0	30.0	-3844.47	-721.92	-610.10	6794.89	0.02	2.628e+04
421	263	2.120e+05	2.046e+04	0.03	-180.00	0.0	-4591.53	-647.05	-681.93	8602.84	2.046e+04	2.120e+05
		3.138e+04	0.03	-3.10e-04	0.0	30.0	-4591.53	-827.05	-681.93	8602.84	0.03	3.138e+04
421	268	1.318e+05	1.350e+04	0.02	-180.00	0.0	-2868.19	-342.15	-449.89	5359.63	1.350e+04	1.318e+05
		1.937e+04	0.02	-2.43e-04	0.0	30.0	-2868.19	-522.15	-449.89	5359.63	0.02	1.937e+04
421	287	1.328e+05	1.347e+04	0.02	-180.00	0.0	-2881.73	-353.79	-449.09	4835.55	1.347e+04	1.328e+05
		1.918e+04	0.02	-2.28e-04	0.0	30.0	-2881.73	-533.79	-449.09	4835.55	0.02	1.918e+04
421	289	2.249e+05	2.025e+04	0.03	-180.00	0.0	-4862.03	-715.63	-675.12	9860.03	2.025e+04	2.249e+05
		3.366e+04	0.03	-3.39e-04	0.0	30.0	-4862.03	-895.63	-675.12	9860.03	0.03	3.366e+04
421	309	1.291e+05	1.274e+04	0.02	-180.00	0.0	-2806.47	-335.73	-424.77	4378.63	1.274e+04	1.291e+05
		1.864e+04	0.02	-2.10e-04	0.0	30.0	-2806.47	-515.73	-424.77	4378.63	0.02	1.864e+04
421	310	1.283e+05	1.306e+04	0.02	-180.00	0.0	-2792.97	-327.39	-435.35	5014.85	1.306e+04	1.283e+05
		1.878e+04	0.02	-2.29e-04	0.0	30.0	-2792.97	-507.39	-435.35	5014.85	0.02	1.878e+04
421	311	1.826e+05	1.718e+04	0.02	-180.00	0.0	-3947.64	-554.01	-572.54	6908.35	1.718e+04	1.826e+05
		2.682e+04	0.02	-2.40e-04	0.0	30.0	-3947.64	-734.01	-572.54	6908.35	0.02	2.682e+04
421	323	1.634e+05	1.636e+04	0.02	-180.00	0.0	-3529.56	-482.62	-545.18	5605.57	1.636e+04	1.634e+05
		2.383e+04	0.02	-1.34e-04	0.0	30.0	-3529.56	-662.62	-545.18	5605.57	0.02	2.383e+04
421	324	1.291e+05	1.274e+04	0.02	-180.00	0.0	-2806.47	-335.73	-424.77	4378.63	1.274e+04	1.291e+05
		1.864e+04	0.02	-2.10e-04	0.0	30.0	-2806.47	-515.73	-424.77	4378.63	0.02	1.864e+04
421	333	1.224e+05	1.063e+04	0.03	-180.00	0.0	-2658.54	-340.60	-354.39	1413.13	1.063e+04	1.224e+05
		1.282e+04	2.94e-03	4.36e-04	0.0	30.0	-2658.54	-520.60	-354.39	1413.13	2.94e-03	1.282e+04
421	336	1.358e+05	1.485e+04	0.02	-180.00	0.0	-2954.41	-330.85	-495.16	7344.14	1.485e+04	1.358e+05
		2.447e+04	0.03	-8.55e-04	0.0	30.0	-2954.41	-510.85	-495.16	7344.14	0.03	2.447e+04
421	345	1.250e+05	2767.04	0.02	-180.00	0.0	-2737.69	-414.37	-92.23	-2694.82	2767.04	1.250e+05
		1.619e+04	-6.59e-03	3.54e-04	0.0	30.0	-2737.69	-594.37	-92.23	-2694.82	-6.59e-03	1.619e+04
421	346	1.297e+05	2.330e+04	0.02	-180.00	0.0	-2791.32	-244.74	-776.68	1.090e+04	2.330e+04	1.297e+05
		1.774e+04	0.04	-4.60e-04	0.0	30.0	-2791.32	-424.74	-776.68	1.090e+04	0.04	1.774e+04
421	365	1.260e+05	1.246e+04	0.02	-180.00	0.0	-2734.50	-321.79	-415.25	3269.82	1.246e+04	1.260e+05
		1.579e+04	0.01	8.25e-05	0.0	30.0	-2734.50	-501.79	-415.25	3269.82	0.01	1.579e+04
421	368	1.323e+05	1.303e+04	0.02	-180.00	0.0	-2878.45	-349.66	-434.29	5487.45	1.303e+04	1.323e+05
		2.150e+04	0.03	-5.02e-04	0.0	30.0	-2878.45	-529.66	-434.29	5487.45	0.03	2.150e+04
421	372	1.323e+05	1.288e+04	0.02	-180.00	0.0	-2877.32	-349.99	-429.30	5146.91	1.288e+04	1.323e+05
		2.148e+04	0.02	-4.77e-04	0.0	30.0	-2877.32	-529.99	-429.30	5146.91	0.02	2.148e+04
421	377	1.278e+05	1.031e+04	0.02	-180.00	0.0	-2779.19	-320.84	-343.65	2098.10	1.031e+04	1.278e+05
		1.763e+04	0.01	-2.88e-05	0.0	30.0	-2779.19	-500.84	-343.65	2098.10	0.01	1.763e+04
421	378	1.287e+05	1.547e+04	0.02	-180.00	0.0	-2791.70	-344.36	-515.65	6379.18	1.547e+04	1.287e+05
		1.798e+04	0.02	-2.34e-04	0.0	30.0	-2791.70	-524.36	-515.65	6379.18	0.02	1.798e+04
422	73	3.172e+05	2.865e+04	-0.04	-243.00	0.0	-1156.11	1274.37	954.94	-1.397e+04	0.06	4.697e+04
		4.697e+04	0.06	6.57e-04	0.0	30.0	-1156.11	1031.37	954.94	-1.397e+04	2.865e+04	3.172e+05
422	97	3.117e+05	2.846e+04	-0.04	-243.00	0.0	-1166.32	1233.95	948.71	-1.419e+04	0.04	4.728e+04
		4.728e+04	0.04	3.74e-04	0.0	30.0	-1166.32	990.95	948.71	-1.419e+04	2.846e+04	3.117e+05
422	206	1.251e+05	1.230e+04	-0.02	-180.00	0.0	-452.00	491.72	409.92	-4334.58	0.02	1.820e+04
		1.820e+04	0.02	2.04e-04	0.0	30.0	-452.00	311.72	409.92	-4334.58	1.230e+04	1.251e+05
422	210	2.156e+05	1.548e+04	-0.07	-180.00	0.0	-804.40	851.84	515.90	-1.126e+04	0.05	3.300e+04
		3.300e+04	0.05	6.20e-04	0.0	30.0	-804.40	671.84	515.90	-1.126e+04	1.548e+04	2.156e+05
422	255	1.847e+05	1.901e+04	-0.02	-180.00	0.0	-679.88	749.59	633.82	-7115.29	0.02	2.730e+04
		2.730e+04	0.02	1.17e-04	0.0	30.0	-679.88	569.59	633.82	-7115.29	1.901e+04	1.847e+05
422	265	1.949e+05	1.969e+04	-0.02	-180.00	0.0	-700.54	772.38	656.20	-7216.37	0.03	2.821e+04
		2.821e+04	0.03	3.17e-04	0.0	30.0	-700.54	592.38	656.20	-7216.37	1.969e+04	1.949e+05
422	287	1.372e+05	1.390e+04	-0.02	-180.00	0.0	-492.62	553.74	463.32	-4942.04	0.02	1.977e+04
		1.977e+04	0.02	2.21e-04	0.0	30.0	-492.62	373.74	463.32	-4942.04	1.390e+04	1.372e+05
422	289	2.158e+05	1.547e+04	-0.07	-180.00	0.0	-802.20	856.45	515.79	-1.107e+04	0.05	3.289e+04
		3.289e+04	0.05	6.20e-04	0.0	30.0	-802.20	676.45	515.79	-1.107e+04	1.547e+04	2.158e+05
422	309	1.292e+05	1.275e+04	-0.02	-180.00	0.0	-464.00	515.81	424.87	-4379.48	0.02	1.865e+04
		1.865e+04	0.02	2.10e-04	0.0	30.0	-464.00	335.81	424.87	-4379.48	1.275e+04	1.292e+05
422	311	1.725e+05	1.327e+04	-0.05	-180.00	0.0	-632.45	689.76	442.19	-7734.20	0.04	2.580e+04
		2.580e+04	0.04	4.53e-04	0.0	30.0	-632.45	509.76	442.19	-7734.20	1.327e+04	1.725e+05
422	319	1.680e+05	1.668e+04	-0.02	-180.00	0.0	-596.03	690.92	556.06	-5658.23	0.03	2.400e+04
		2.400e+04	0.03	2.89e-04	0.0	30.0	-596.03	510.92	556.06	-5658.23	1.668e+04	1.680e+05
422	322	1.650e+05	1.658e+04	-0.02	-180.00	0.0	-601.70	668.47	552.60	-5779.04	0.02	2.416e+04
		2.416e+04	0.02	1.32e-04	0.0	30.0	-601.70	488.47	552.60	-5779.04	1.658e+04	1.650e+05
422	324	1.292e+05	1.275e+04	-0.02	-180.00	0.0	-464.00	515.81	424.87	-4379.48	0.02	1.865e+04
		1.865e+04	0.02	2.10e-04	0.0	30.0	-464.00	335.81	424.87	-4379.48	1.275e+04	1.292e+05
422	333	1.232e+05	1.259e+04	-0.03	-180.00	0.0	-346.29	466.00	419.59	-1972.39	0.02	1.372e+05
		1.372e+04	0.02	1.17e-04	0.0	30.0	-346.29	286.00	419.59	-1972.39	1.259e+04	1.232e+05
422	336	1.351e+05	1.290e+04	-0.01	-180.00	0.0	-581.71	565.62	430.15	-6786.57	0.02	2.358e+04
		2.358e+04	0.02	3.02e-04	0.0	30.0	-581.71	385.62	430.15	-6786.57	1.290e+04	1.351e+05
422	342	1.297e+05	1.753e+04	-0.02	-180.00	0.0	-465.51	536.11	584.34	-7545.24	-2.76e-03	1.868e+04
		1.868e+04	-2.76e-03	-2.45e-04	0.0	30.0	-465.51	356.11	584.34	-7545.24	1.753e+04	1.297e+05
422	365	1.263e+05	1.279e+04	-0.03	-180.00	0.0	-408.09	493.17	426.37	-3273.07	0.02	1.630e+04

		1.630e+04	0.02	1.37e-04	0.0	30.0	-408.09	313.17	426.37	-3273.07	1.279e+04	1.263e+05
422	368	1.320e+05	1.270e+04	-0.02	-180.00	0.0	-519.90	538.45	423.36	-5485.90	0.02	2.100e+04
		2.100e+04	0.02	2.82e-04	0.0	30.0	-519.90	358.45	423.36	-5485.90	1.270e+04	1.320e+05
422	374	1.289e+05	1.477e+04	-0.02	-180.00	0.0	-454.27	517.38	492.34	-5615.30	0.01	1.826e+04
		1.826e+04	0.01	6.84e-05	0.0	30.0	-454.27	337.38	492.34	-5615.30	1.477e+04	1.289e+05
423	73	3.055e+05	-0.07	0.03	-243.00	0.0	-6607.98	-871.08	1488.88	-1.793e+04	-4.467e+04	3.055e+05
		3.714e+04	-4.467e+04	3.42e-04	0.0	30.0	-6607.98	-1114.08	1488.88	-1.793e+04	-0.07	3.714e+04
423	98	1.728e+05	0.06	0.09	-180.00	0.0	-3370.60	-667.08	760.76	-5550.32	-2.282e+04	1.728e+05
		1.275e+04	-2.282e+04	-7.04e-04	0.0	30.0	-3370.60	-847.08	760.76	-5550.32	0.06	1.275e+04
423	100	1.424e+05	0.04	0.07	-180.00	0.0	-2853.86	-468.76	632.51	-4860.94	-1.898e+04	1.424e+05
		1.188e+04	-1.898e+04	-5.02e-04	0.0	30.0	-2853.86	-648.76	632.51	-4860.94	0.04	1.188e+04
423	122	1.251e+05	-0.02	0.02	-180.00	0.0	-2764.33	-235.31	604.35	-6504.03	-1.813e+04	1.251e+05
		1.526e+04	-1.813e+04	5.74e-05	0.0	30.0	-2764.33	-415.31	604.35	-6504.03	-0.02	1.526e+04
423	255	1.271e+05	0.03	0.07	-180.00	0.0	-2579.01	-363.93	588.62	-4710.25	-1.766e+04	1.271e+05
		1.192e+04	-1.766e+04	-3.95e-04	0.0	30.0	-2579.01	-543.93	588.62	-4710.25	0.03	1.192e+04
423	289	2.139e+05	-0.05	0.03	-180.00	0.0	-4626.33	-598.98	1067.94	-1.204e+04	-3.159e+04	2.139e+05
		2.527e+04	-3.159e+04	2.86e-04	-30.06	30.0	-4626.33	-778.98	1037.88	-1.204e+04	-0.05	2.527e+04
423	311	1.782e+05	-0.05	0.02	-180.00	0.0	-3902.02	-431.66	884.64	-1.070e+04	-2.654e+04	1.782e+05
		2.239e+04	-2.654e+04	3.09e-04	0.0	30.0	-3902.02	-611.66	884.64	-1.070e+04	-0.05	2.239e+04
423	322	1.270e+05	7.02e-03	0.06	-180.00	0.0	-2642.93	-322.04	611.97	-5819.26	-1.836e+04	1.270e+05
		1.360e+04	-1.836e+04	-2.07e-04	0.0	30.0	-2642.93	-502.04	611.97	-5819.26	7.02e-03	1.360e+04
423	324	1.301e+05	-0.04	0.02	-180.00	0.0	-2894.45	-225.79	667.02	-7820.44	-2.001e+04	1.301e+05
		1.743e+04	-2.001e+04	1.99e-04	0.0	30.0	-2894.45	-405.79	667.02	-7820.44	-0.04	1.743e+04
423	342	1.185e+05	0.03	0.02	-180.00	0.0	-2646.06	-336.38	265.66	1402.15	-7969.67	1.185e+05
		7680.62	-7969.67	-8.52e-04	0.0	30.0	-2646.06	-516.38	265.66	1402.15	0.03	7680.62
423	343	1.418e+05	-0.11	0.02	-180.00	0.0	-3142.83	-115.20	1068.39	-1.704e+04	-3.205e+04	1.418e+05
		2.717e+04	-3.205e+04	1.25e-03	0.0	30.0	-3142.83	-295.20	1068.39	-1.704e+04	-0.11	2.717e+04
423	347	1.418e+05	-0.11	0.02	-180.00	0.0	-3142.18	-115.12	1071.37	-1.717e+04	-3.214e+04	1.418e+05
		2.714e+04	-3.214e+04	1.10e-03	0.0	30.0	-3142.18	-295.12	1071.37	-1.717e+04	-0.11	2.714e+04
423	374	1.263e+05	-0.01	0.02	-180.00	0.0	-2809.46	-191.95	550.42	-4642.04	-1.651e+04	1.263e+05
		1.412e+04	-1.651e+04	-1.47e-04	0.0	30.0	-2809.46	-371.95	550.42	-4642.04	-0.01	1.412e+04
423	375	1.340e+05	-0.06	0.02	-180.00	0.0	-2979.43	-259.63	783.62	-1.100e+04	-2.351e+04	1.340e+05
		2.074e+04	-2.351e+04	5.44e-04	0.0	30.0	-2979.43	-439.63	783.62	-1.100e+04	-0.06	2.074e+04
423	379	1.340e+05	-0.06	0.02	-180.00	0.0	-2979.11	-259.59	785.12	-1.106e+04	-2.355e+04	1.340e+05
		2.072e+04	-2.355e+04	4.67e-04	0.0	30.0	-2979.11	-439.59	785.12	-1.106e+04	-0.06	2.072e+04
424	73	3.080e+05	-0.06	-0.03	-243.00	0.0	-899.72	1132.05	-1492.05	1.767e+04	-0.06	3.080e+05
		3.708e+04	-4.476e+04	-2.59e-04	0.0	30.0	-899.72	889.05	-1492.05	1.767e+04	-4.476e+04	3.080e+05
424	106	1.890e+05	0.04	-0.09	-180.00	0.0	-375.06	905.13	-839.99	7069.52	0.04	1.524e+04
		1.524e+04	-2.520e+04	6.05e-04	0.0	30.0	-375.06	725.13	-839.99	7069.52	-2.520e+04	1.890e+05
424	108	1.564e+05	0.02	-0.07	-180.00	0.0	-335.63	699.04	-700.77	6168.22	0.02	1.403e+04
		1.403e+04	-2.102e+04	3.94e-04	0.0	30.0	-335.63	519.04	-700.77	6168.22	-2.102e+04	1.564e+05
424	259	1.386e+05	0.02	-0.07	-180.00	0.0	-318.16	585.01	-645.50	5816.92	0.02	1.373e+04
		1.373e+04	-1.937e+04	3.08e-04	0.0	30.0	-318.16	405.01	-645.50	5816.92	-1.937e+04	1.386e+05
424	265	1.951e+05	-0.05	-0.02	-180.00	0.0	-602.35	632.30	-964.51	1.168e+04	-0.05	2.547e+04
		2.547e+04	-2.894e+04	-2.84e-04	0.0	30.0	-602.35	452.30	-964.51	1.168e+04	-2.894e+04	1.951e+05
424	289	2.041e+05	-0.01	-0.06	-180.00	0.0	-537.29	823.30	-976.77	1.057e+04	-0.01	2.207e+04
		2.207e+04	-2.975e+04	1.15e-04	-30.06	30.0	-537.29	643.30	-1006.83	1.057e+04	-2.975e+04	2.041e+05
424	319	1.705e+05	-0.05	-0.02	-180.00	0.0	-539.27	567.37	-848.48	1.071e+04	-0.05	2.273e+04
		2.273e+04	-2.545e+04	-2.67e-04	0.0	30.0	-539.27	387.37	-848.48	1.071e+04	-2.545e+04	1.705e+05
424	323	1.322e+05	1.93e-03	-0.06	-180.00	0.0	-335.91	519.34	-638.50	6372.40	1.93e-03	1.446e+04
		1.446e+04	-1.915e+04	1.67e-04	0.0	30.0	-335.91	339.34	-638.50	6372.40	-1.915e+04	1.322e+05
424	324	1.302e+05	-0.04	-0.02	-180.00	0.0	-407.25	405.87	-667.13	7821.82	-0.04	1.743e+04
		1.743e+04	-2.001e+04	-1.99e-04	0.0	30.0	-407.25	225.87	-667.13	7821.82	-2.001e+04	1.302e+05
424	343	1.384e+05	-0.07	-0.02	-180.00	0.0	-558.68	480.45	-878.83	1.376e+04	-0.07	2.369e+04
		2.369e+04	-2.636e+04	-1.92e-04	0.0	30.0	-558.68	300.45	-878.83	1.376e+04	-2.636e+04	1.384e+05
424	346	1.219e+05	-1.93e-03	-0.03	-180.00	0.0	-254.31	331.58	-456.88	1919.59	-1.93e-03	1.111e+04
		1.111e+04	-1.371e+04	-1.73e-04	0.0	30.0	-254.31	151.58	-456.88	1919.59	-1.371e+04	1.219e+05
424	347	1.384e+05	-0.07	-0.02	-180.00	0.0	-560.20	480.17	-877.38	1.372e+04	-0.07	2.375e+04
		2.375e+04	-2.632e+04	-2.25e-04	0.0	30.0	-560.20	300.17	-877.38	1.372e+04	-2.632e+04	1.384e+05
424	366	1.272e+05	-0.02	-0.03	-180.00	0.0	-350.90	382.54	-590.95	5570.28	-0.02	1.508e+04
		1.508e+04	-1.773e+04	1.95e-05	0.0	30.0	-350.90	202.54	-590.95	5570.28	-1.773e+04	1.272e+05
424	375	1.334e+05	-0.05	-0.02	-180.00	0.0	-466.43	437.61	-755.71	1.039e+04	-0.05	1.985e+04
		1.985e+04	-2.267e+04	-2.58e-04	0.0	30.0	-466.43	257.61	-755.71	1.039e+04	-2.267e+04	1.334e+05
424	378	1.269e+05	-0.02	-0.02	-180.00	0.0	-347.31	374.28	-579.27	5269.55	-0.02	1.498e+04
		1.498e+04	-1.738e+04	-1.23e-04	0.0	30.0	-347.31	194.28	-579.27	5269.55	-1.738e+04	1.269e+05
424	379	1.334e+05	-0.05	-0.02	-180.00	0.0	-467.19	437.47	-754.98	1.037e+04	-0.05	1.988e+04
		1.988e+04	-2.265e+04	-2.74e-04	0.0	30.0	-467.19	257.47	-754.98	1.037e+04	-2.265e+04	1.334e+05
425	25	637.16	8965.30	-0.06	-324.00	0.0	4938.85	450.54	-597.48	4115.84	8965.30	-2853.31
		-2853.31	-3.883e+04	4.46e-03	0.0	80.0	4938.85	126.54	-597.48	4115.84	-3.883e+04	-2352.37
425	26	2.861e+04	8567.91	-0.05	-240.00	0.0	6371.92	490.53	-557.58	4389.25	8567.91	2.112e+04
		2.112e+04	-3.604e+04	4.21e-03	0.0	80.0	6371.92	250.53	-557.58	4389.25	-3.604e+04	2.848e+04
425	123	-4.166e+04	1496.94	-1.22e-03	-324.00	0.0	-2375.33	-213.97	-134.56	-844.45	1496.94	-4.166e+04
		-6.776e+04	-9267.61	9.48e-04	0.0	80.0	-2375.33	-537.97	-134.56	-844.45	-9267.61	-6.776e+04
425	187	-1053.43	8960.64	-0.05	-324.00	0.0	4771.81	479.02	-601.16	4038.41	8960.64	-5306.05
		-5306.05	-3.913e+04	4.46e-03	0.0	80.0	4771.81	155.02	-601.16	4038.41	-3.913e+04	-3415.84
425	210	-5003.13	1642.13	-0.02	-240.00	0.0	-352.27	176.45	-49.20	2365.22	1642.13	-6130.96
		-9123.42	-2294.26	8.81e-04	0.0	80.0	-352.27	-63.55	-49.20	2365.22	-2294.26	-9123.42

425	219	-1.700e+04	6125.53	-0.02	-240.00	0.0	2455.86	34.83	-501.12	-65.12	6125.53	-1.700e+04
		-3.132e+04	-3.396e+04	3.30e-03	0.0	80.0	2455.86	-205.17	-501.12	-65.12	-3.396e+04	-3.132e+04
425	231	-1.999e+04	1134.67	3.96e-04	-240.00	0.0	-1753.66	-126.93	-125.26	-991.29	1134.67	-1.999e+04
		-3.778e+04	-8886.10	8.06e-04	0.0	80.0	-1753.66	-366.93	-125.26	-991.29	-8886.10	-3.778e+04
425	300	-1.864e+04	6122.43	-0.02	-240.00	0.0	2344.49	53.82	-503.58	-116.74	6122.43	-1.864e+04
		-3.203e+04	-3.416e+04	3.30e-03	0.0	80.0	2344.49	-186.18	-503.58	-116.74	-3.416e+04	-3.203e+04
425	305	-3.443e+04	1440.03	-3.20e-03	-240.00	0.0	-1532.74	-85.33	-115.23	-191.05	1440.03	-3.443e+04
		-5.010e+04	-7778.31	8.44e-04	0.0	80.0	-1532.74	-325.33	-115.23	-191.05	-7778.31	-5.010e+04
425	311	-1.573e+04	1332.75	-6.74e-03	-240.00	0.0	-1128.39	-2.71	-90.11	455.19	1332.75	-1.573e+04
		-2.843e+04	-5875.96	7.01e-04	0.0	80.0	-1128.39	-242.71	-90.11	455.19	-5875.96	-2.843e+04
425	313	-1.811e+04	4875.61	-0.02	-240.00	0.0	1427.15	-4.40	-408.80	-279.62	4875.61	-1.811e+04
		-3.419e+04	-2.783e+04	2.64e-03	0.0	80.0	1427.15	-244.40	-408.80	-279.62	-2.783e+04	-3.419e+04
425	314	-2.995e+04	1363.81	-2.59e-03	-240.00	0.0	-1480.77	-108.76	-117.54	-335.35	1363.81	-2.995e+04
		-4.775e+04	-8039.40	7.98e-04	0.0	80.0	-1480.77	-348.76	-117.54	-335.35	-8039.40	-4.775e+04
425	316	-2.034e+04	1132.46	2.71e-04	-240.00	0.0	-1729.98	-125.71	-126.90	-974.25	1132.46	-2.034e+04
		-3.904e+04	-9019.75	7.76e-04	0.0	80.0	-1729.98	-365.71	-126.90	-974.25	-9019.75	-3.904e+04
425	324	-2.548e+04	1117.19	-3.63e-04	-240.00	0.0	-1498.38	-122.38	-112.62	-784.20	1117.19	-2.548e+04
		-4.399e+04	-7892.54	7.00e-04	0.0	80.0	-1498.38	-362.38	-112.62	-784.20	-7892.54	-4.399e+04
425	328	-3.796e+04	-569.50	-1.23e-04	-240.00	0.0	-857.84	-167.09	-67.29	-316.25	-569.50	-3.796e+04
		-6.159e+04	-5914.73	7.33e-04	0.0	80.0	-857.84	-407.09	-67.29	-316.25	-5914.73	-6.159e+04
425	333	-1.300e+04	2803.88	-5.21e-04	-240.00	0.0	-2140.18	-77.78	-158.78	-1230.34	2803.88	-1.300e+04
		-2.642e+04	-9936.62	6.89e-04	0.0	80.0	-2140.18	-317.78	-158.78	-1230.34	-9936.62	-2.642e+04
425	334	-1.092e+04	2664.83	2.98e-04	-240.00	0.0	-2257.20	-81.84	-148.57	-1058.44	2664.83	-1.092e+04
		-2.870e+04	-9188.04	8.35e-04	0.0	80.0	-2257.20	-321.84	-148.57	-1058.44	-9188.04	-2.870e+04
425	335	-4.005e+04	-430.44	-1.02e-03	-240.00	0.0	-739.56	-162.93	-76.67	-509.95	-430.44	-4.005e+04
		-5.929e+04	-6597.03	5.80e-04	0.0	80.0	-739.56	-402.93	-76.67	-509.95	-6597.03	-5.929e+04
425	353	-2.216e+04	1602.36	1.33e-04	-240.00	0.0	-1677.22	-100.36	-158.49	-1285.14	1602.36	-2.216e+04
		-3.918e+04	-1.108e+04	6.21e-04	0.0	80.0	-1677.22	-340.36	-158.49	-1285.14	-1.108e+04	-3.918e+04
425	360	-3.236e+04	295.40	-4.01e-04	-240.00	0.0	-1150.23	-385.07	-87.86	-529.40	295.40	-3.236e+04
		-5.250e+04	-6732.24	6.97e-04	0.0	80.0	-1150.23	-385.07	-87.86	-529.40	-6732.24	-5.250e+04
425	369	-1.863e+04	1938.99	-1.81e-04	-240.00	0.0	-1845.57	-99.21	-138.45	-1025.52	1938.99	-1.863e+04
		-3.555e+04	-9138.47	7.11e-04	0.0	80.0	-1845.57	-339.21	-138.45	-1025.52	-9138.47	-3.555e+04
425	370	-1.842e+04	1938.98	-2.87e-04	-240.00	0.0	-1854.88	-101.97	-128.48	-908.47	1938.98	-1.842e+04
		-3.552e+04	-8340.51	7.47e-04	0.0	80.0	-1854.88	-341.97	-128.48	-908.47	-8340.51	-3.552e+04
425	371	-3.255e+04	295.40	-4.40e-04	-240.00	0.0	-1141.89	-142.80	-96.77	-659.92	295.40	-3.255e+04
		-5.247e+04	-7444.56	6.56e-04	0.0	80.0	-1141.89	-382.80	-96.77	-659.92	-7444.56	-5.247e+04
425	385	-2.376e+04	1363.74	-1.47e-04	-240.00	0.0	-1588.43	-111.25	-135.50	-1034.11	1363.74	-2.376e+04
		-4.151e+04	-9476.56	6.54e-04	0.0	80.0	-1588.43	-351.25	-135.50	-1034.11	-9476.56	-4.151e+04
426	25	272.30	4.146e+04	-0.06	-324.00	0.0	4921.85	469.07	630.32	-3813.61	-8963.53	-3583.50
		-3583.50	-8963.53	-4.81e-03	0.0	80.0	4921.85	145.07	630.32	-3813.61	4.146e+04	-2398.75
426	26	2.860e+04	3.867e+04	-0.06	-240.00	0.0	6359.48	509.04	590.48	-4086.57	-8566.81	2.049e+04
		2.049e+04	-8566.81	-4.56e-03	0.0	80.0	6359.48	269.04	590.48	-4086.57	3.867e+04	2.854e+04
426	123	-4.197e+04	9572.61	-1.26e-03	-324.00	0.0	-2385.30	-210.90	138.33	848.39	-1494.07	-4.197e+04
		-6.796e+04	-1494.07	-8.64e-04	0.0	80.0	-2385.30	-534.90	138.33	848.39	9572.61	-6.796e+04
426	143	-4.538e+04	1.007e+04	-3.50e-03	-324.00	0.0	-2374.56	-197.69	147.97	431.23	-1767.73	-4.538e+04
		-7.069e+04	-1767.73	-1.01e-03	0.0	80.0	-2374.56	-521.69	147.97	431.23	1.007e+04	-7.069e+04
426	187	-1398.00	4.171e+04	-0.06	-324.00	0.0	4754.28	497.13	633.39	-3737.53	-8958.91	-6034.26
		-6034.26	-8958.91	-4.82e-03	0.0	80.0	4754.28	173.13	633.39	-3737.53	4.171e+04	-3476.25
426	210	-5159.73	2380.05	-0.02	-240.00	0.0	-354.10	177.16	50.21	-2338.02	-1637.07	-6296.59
		-9264.96	-1637.07	-8.59e-04	0.0	80.0	-354.10	-62.84	50.21	-2338.02	2380.05	-9264.96
426	219	-1.754e+04	3.594e+04	-0.03	-240.00	0.0	2442.56	49.16	525.88	261.74	-6125.90	-1.754e+04
		-3.133e+04	-6125.90	-3.52e-03	0.0	80.0	2442.56	-190.84	525.88	261.74	3.594e+04	-3.133e+04
426	231	-2.007e+04	7072.99	7.96e-04	-240.00	0.0	-1771.59	-140.59	102.57	804.94	-1132.94	-2.007e+04
		-3.842e+04	-1132.94	-4.94e-04	0.0	80.0	-1771.59	-380.59	102.57	804.94	7072.99	-3.842e+04
426	278	-3.176e+04	7536.77	-2.51e-03	-240.00	0.0	-1653.79	-143.28	110.59	334.31	-1310.17	-3.176e+04
		-5.041e+04	-1310.17	-7.55e-04	0.0	80.0	-1653.79	-383.28	110.59	334.31	7536.77	-5.041e+04
426	300	-1.917e+04	3.611e+04	-0.03	-240.00	0.0	2330.85	67.87	527.93	312.46	-6122.82	-1.917e+04
		-3.205e+04	-6122.82	-3.53e-03	0.0	80.0	2330.85	-172.13	527.93	312.46	3.611e+04	-3.205e+04
426	311	-1.588e+04	5831.60	-6.76e-03	-240.00	0.0	-1131.71	-3.09	89.50	-446.83	-1328.78	-1.588e+04
		-2.861e+04	-1328.78	-7.14e-04	0.0	80.0	-1131.71	-243.09	89.50	-446.83	5831.60	-2.861e+04
426	312	-2.820e+04	8243.58	-2.02e-03	-240.00	0.0	-1497.28	-112.58	119.52	472.43	-1317.96	-2.820e+04
		-4.621e+04	-1317.96	-8.06e-04	0.0	80.0	-1497.28	-352.58	119.52	472.43	8243.58	-4.621e+04
426	313	-1.853e+04	2.919e+04	-0.02	-240.00	0.0	1415.55	5.16	425.77	424.46	-4875.10	-1.853e+04
		-3.427e+04	-4875.10	-2.84e-03	0.0	80.0	1415.55	-234.84	425.77	424.46	2.919e+04	-3.427e+04
426	316	-2.043e+04	7532.91	5.67e-04	-240.00	0.0	-1745.06	-137.15	108.29	831.87	-1130.38	-2.043e+04
		-3.959e+04	-1130.38	-5.70e-04	0.0	80.0	-1745.06	-377.15	108.29	831.87	7532.91	-3.959e+04
426	324	-2.567e+04	7874.61	-3.66e-04	-240.00	0.0	-1505.26	-122.40	112.37	782.19	-1114.75	-2.567e+04
		-4.418e+04	-1114.75	-6.99e-04	0.0	80.0	-1505.26	-362.40	112.37	782.19	7874.61	-4.418e+04
426	325	-1.309e+04	9749.57	-9.55e-04	-240.00	0.0	-2127.31	-79.57	155.20	1224.60	-2686.11	-1.309e+04
		-2.843e+04	-2686.11	-8.63e-04	0.0	80.0	-2127.31	-319.57	155.20	1224.60	9749.57	-2.843e+04
426	327	-4.014e+04	6554.68	-1.29e-03	-240.00	0.0	-771.66	-169.53	76.72	490.27	399.82	-4.014e+04
		-6.155e+04	399.82	-7.95e-04	0.0	80.0	-771.66	-409.53	76.72	490.27	6554.68	-6.155e+04
426	329	-1.234e+04	9879.76	-6.60e-05	-240.00	0.0	-2174.09	-84.28	156.70	1237.62	-2657.72	-1.234e+04
		-2.827e+04	-2657.72	-8.48e-04	0.0	80.0	-2174.09	-324.28	156.70	1237.62	9879.76	-2.827e+04
426	334	-1.118e+04	6100.04	6.48e-04	-240.00	0.0	-2240.66	-74.73	146.76	1058.29	-2629.32	-1.118e+04
		-2.685e+04	-2629.32	-3.93e-04	0.0	80.0	-2240.66	-314.73	146.76	1058.29	6100.04	-2.685e+04
426	335	-4.016e+04	9649.18	-1.38e-03	-240.00	0.0	-769.86	-170.06	77.98	506.10	399.82	-4.016e+04

		-6.152e+04	399.82	-1.01e-03	0.0	80.0	-769.86	-410.06	77.98	506.10	9649.18	-6.152e+04
426	361	-1.881e+04	8889.32	-2.13e-04	-240.00	0.0	-1841.60	-102.82	134.86	1012.89	-1900.55	-1.881e+04
		-3.598e+04	-1900.55	-7.70e-04	0.0	80.0	-1841.60	-342.82	134.86	1012.89	8889.32	-3.598e+04
426	363	-3.273e+04	7264.52	-3.88e-04	-240.00	0.0	-1159.98	-148.78	94.93	639.33	-328.96	-3.273e+04
		-5.303e+04	-328.96	-7.42e-04	0.0	80.0	-1159.98	-388.78	94.93	639.33	7264.52	-5.303e+04
426	370	-1.859e+04	6909.70	-3.01e-04	-240.00	0.0	-1851.42	-95.77	129.19	916.90	-1900.54	-1.859e+04
		-3.535e+04	-1900.54	-5.49e-04	0.0	80.0	-1851.42	-335.77	129.19	916.90	6909.70	-3.535e+04
426	371	-3.274e+04	8839.51	-4.32e-04	-240.00	0.0	-1159.10	-149.02	95.55	647.48	-328.96	-3.274e+04
		-5.302e+04	-328.96	-8.49e-04	0.0	80.0	-1159.10	-389.02	95.55	647.48	8839.51	-5.302e+04
427	49	-306.34	8962.03	-0.06	-324.00	0.0	4966.10	479.61	-604.26	4229.00	8962.03	-4378.35
		-4378.35	-3.938e+04	4.72e-03	0.0	80.0	4966.10	155.61	-604.26	4229.00	-3.938e+04	-2809.22
427	50	2.819e+04	8564.83	-0.06	-240.00	0.0	6404.47	519.58	-564.38	4502.30	8564.83	1.973e+04
		1.973e+04	-3.659e+04	4.47e-03	0.0	80.0	6404.47	279.58	-564.38	4502.30	-3.659e+04	2.815e+04
427	123	-4.130e+04	1497.84	-1.35e-03	-324.00	0.0	-2418.26	-209.55	-136.42	-825.54	1497.84	-4.130e+04
		-6.725e+04	-9415.58	9.29e-04	0.0	80.0	-2418.26	-533.55	-136.42	-825.54	-9415.58	-6.725e+04
427	143	-4.042e+04	1500.18	-1.25e-03	-324.00	0.0	-2456.55	-210.99	-136.19	-832.72	1500.18	-4.042e+04
		-6.644e+04	-9394.68	9.19e-04	0.0	80.0	-2456.55	-534.99	-136.19	-832.72	-9394.68	-6.644e+04
427	210	-4480.12	1642.06	-0.02	-240.00	0.0	-393.35	177.87	-49.41	2365.69	1642.06	-5622.16
		-8576.71	-2310.60	8.77e-04	0.0	80.0	-393.35	-62.13	-49.41	2365.69	-2310.60	-8576.71
427	231	-1.818e+04	6123.89	-0.03	-240.00	0.0	2477.54	56.96	-506.67	28.48	6123.89	-1.818e+04
		-3.169e+04	-3.441e+04	3.47e-03	0.0	80.0	2477.54	-183.04	-506.67	28.48	-3.441e+04	-3.169e+04
427	235	-3.250e+04	1443.96	-3.56e-03	-240.00	0.0	-1454.56	-100.51	-114.05	-123.27	1443.96	-3.250e+04
		-4.898e+04	-7680.27	8.51e-04	0.0	80.0	-1454.56	-340.51	-114.05	-123.27	-7680.27	-4.898e+04
427	283	-2.352e+04	1124.16	1.06e-04	-240.00	0.0	-1916.32	-166.35	-99.74	-695.44	1124.16	-2.352e+04
		-4.325e+04	-6855.22	5.76e-04	0.0	80.0	-1916.32	-406.35	-99.74	-695.44	-6855.22	-4.325e+04
427	311	-1.575e+04	1331.65	-6.78e-03	-240.00	0.0	-1145.71	-3.02	-89.69	452.97	1331.65	-1.575e+04
		-2.848e+04	-5843.52	7.04e-04	0.0	80.0	-1145.71	-243.02	-89.69	452.97	-5843.52	-2.848e+04
427	313	-2.045e+04	1130.68	5.36e-04	-240.00	0.0	-1738.88	-136.54	-110.08	-849.69	1130.68	-2.045e+04
		-3.958e+04	-7675.39	5.88e-04	0.0	80.0	-1738.88	-376.54	-110.08	-849.69	-7675.39	-3.958e+04
427	316	-1.940e+04	4872.99	-0.02	-240.00	0.0	1457.32	10.52	-412.16	-215.76	4872.99	-1.940e+04
		-3.494e+04	-2.810e+04	2.78e-03	0.0	80.0	1457.32	-229.48	-412.16	-215.76	-2.810e+04	-3.494e+04
427	317	-3.014e+04	1363.04	-2.67e-03	-240.00	0.0	-1491.76	-107.58	-117.70	-329.57	1363.04	-3.014e+04
		-4.790e+04	-8563.19	8.10e-04	0.0	80.0	-1491.76	-347.58	-117.70	-329.57	-8563.19	-4.790e+04
427	324	-2.572e+04	1116.13	-3.67e-04	-240.00	0.0	-1506.27	-122.38	-112.51	-783.25	1116.13	-2.572e+04
		-4.424e+04	-7884.65	7.00e-04	0.0	80.0	-1506.27	-362.38	-112.51	-783.25	-7884.65	-4.424e+04
427	327	-3.365e+04	215.17	-3.50e-04	-240.00	0.0	-970.91	-148.79	-98.11	-680.68	215.17	-3.365e+04
		-5.344e+04	-9267.86	6.92e-04	0.0	80.0	-970.91	-388.79	-98.11	-680.68	-9267.86	-5.344e+04
427	333	-1.972e+04	2066.15	-1.38e-04	-240.00	0.0	-1925.58	-106.31	-144.97	-680.27	2066.15	-1.972e+04
		-3.671e+04	-9555.10	6.51e-04	0.0	80.0	-1925.58	-346.31	-144.97	-680.27	-9555.10	-3.671e+04
427	334	-1.777e+04	2017.10	-3.81e-04	-240.00	0.0	-2045.11	-95.30	-130.48	-486.17	2017.10	-1.777e+04
		-3.506e+04	-8411.12	9.19e-04	0.0	80.0	-2045.11	-335.30	-130.48	-486.17	-8411.12	-3.506e+04
427	335	-3.366e+04	215.17	-3.54e-04	-240.00	0.0	-967.42	-149.47	-94.54	-1080.34	215.17	-3.366e+04
		-5.341e+04	-7358.18	5.08e-04	0.0	80.0	-967.42	-389.47	-94.54	-1080.34	-7358.18	-5.341e+04
427	353	-2.425e+04	1393.79	6.02e-04	-240.00	0.0	-1634.25	-135.47	-148.79	-1072.89	1393.79	-2.425e+04
		-4.378e+04	-1.051e+04	5.70e-04	0.0	80.0	-1634.25	-375.47	-148.79	-1072.89	-1.051e+04	-4.378e+04
427	363	-2.939e+04	647.25	-2.77e-04	-240.00	0.0	-1265.41	-136.01	-105.81	-734.55	647.25	-2.939e+04
		-4.885e+04	-8639.95	7.29e-04	0.0	80.0	-1265.41	-376.01	-105.81	-734.55	-8639.95	-4.885e+04
427	369	-2.223e+04	1585.01	-1.68e-04	-240.00	0.0	-1744.16	-114.26	-129.54	-734.39	1585.01	-2.223e+04
		-4.024e+04	-8781.50	7.12e-04	0.0	80.0	-1744.16	-354.26	-129.54	-734.39	-8781.50	-4.024e+04
427	370	-2.204e+04	1585.01	-4.55e-04	-240.00	0.0	-1748.86	-108.42	-120.97	-629.28	1585.01	-2.204e+04
		-3.963e+04	-8096.10	7.65e-04	0.0	80.0	-1748.86	-348.42	-120.97	-629.28	-8096.10	-3.963e+04
427	371	-2.939e+04	647.25	-2.79e-04	-240.00	0.0	-1263.67	-136.34	-104.05	-937.23	647.25	-2.939e+04
		-4.884e+04	-7673.21	6.36e-04	0.0	80.0	-1263.67	-376.34	-104.05	-937.23	-7673.21	-4.884e+04
427	385	-2.495e+04	1256.80	1.91e-04	-240.00	0.0	-1570.51	-128.80	-130.61	-928.01	1256.80	-2.495e+04
		-4.396e+04	-9193.23	6.29e-04	0.0	80.0	-1570.51	-368.80	-130.61	-928.01	-9193.23	-4.396e+04
428	49	-383.36	3.940e+04	-0.06	-324.00	0.0	4956.57	479.74	604.51	-4227.45	-8963.54	-4452.73
		-4452.73	-8963.54	-4.72e-03	0.0	80.0	4956.57	155.74	604.51	-4227.45	3.940e+04	-2888.30
428	50	2.811e+04	3.660e+04	-0.06	-240.00	0.0	6394.95	519.71	564.63	-4500.76	-8566.34	1.965e+04
		1.965e+04	-8566.34	-4.48e-03	0.0	80.0	6394.95	279.71	564.63	-4500.76	3.660e+04	2.807e+04
428	123	-4.130e+04	9276.03	-1.31e-03	-324.00	0.0	-2420.46	-210.55	134.68	809.68	-1498.11	-4.130e+04
		-6.730e+04	-1498.11	-9.00e-04	0.0	80.0	-2420.46	-534.55	134.68	809.68	9276.03	-6.730e+04
428	143	-4.044e+04	9385.41	-1.25e-03	-324.00	0.0	-2460.27	-210.94	136.08	828.00	-1500.72	-4.044e+04
		-6.647e+04	-1500.72	-9.03e-04	0.0	80.0	-2460.27	-534.94	136.08	828.00	9385.41	-6.647e+04
428	210	-4428.65	2292.21	-0.02	-240.00	0.0	-386.98	177.74	49.17	-2367.31	-1641.04	-5571.16
		-8524.47	-1641.04	-8.73e-04	0.0	80.0	-386.98	-62.26	49.17	-2367.31	2292.21	-8524.47
428	227	-3.206e+04	7628.18	-3.53e-03	-240.00	0.0	-1476.78	-101.00	113.42	117.92	-1445.54	-3.206e+04
		-4.857e+04	-1445.54	-8.39e-04	0.0	80.0	-1476.78	-341.00	113.42	117.92	7628.18	-4.857e+04
428	231	-1.823e+04	3.438e+04	-0.03	-240.00	0.0	2470.49	56.77	506.34	-31.95	-6124.99	-1.823e+04
		-3.175e+04	-6124.99	-3.47e-03	0.0	80.0	2470.49	-183.23	506.34	-31.95	3.438e+04	-3.175e+04
428	283	-2.366e+04	7984.53	-2.47e-04	-240.00	0.0	-1922.00	-157.39	113.87	798.97	-1125.28	-2.366e+04
		-4.306e+04	-1125.28	-7.24e-04	0.0	80.0	-1922.00	-397.39	113.87	798.97	7984.53	-4.306e+04
428	311	-1.571e+04	5864.86	-6.78e-03	-240.00	0.0	-1139.96	-2.87	89.95	-450.16	-1330.75	-1.571e+04
		-2.843e+04	-1330.75	-7.08e-04	0.0	80.0	-1139.96	-242.87	89.95	-450.16	5864.86	-2.843e+04
428	313	-2.060e+04	8897.44	2.89e-04	-240.00	0.0	-1743.11	-126.91	125.36	963.76	-1131.62	-2.060e+04
		-3.935e+04	-1131.62	-7.56e-04	0.0	80.0	-1743.11	-366.91	125.36	963.76	8897.44	-3.935e+04
428	315	-2.981e+04	8066.39	-2.66e-03	-240.00	0.0	-1507.40	-107.58	117.88	331.52	-1364.09	-2.981e+04
		-4.758e+04	-1364.09	-8.12e-04	0.0	80.0	-1507.40	-347.58	117.88	331.52	8066.39	-4.758e+04

428	316	-1.943e+04	2.813e+04	-0.02	-240.00	0.0	1453.05	10.74	412.57	219.12	-4873.68	-1.943e+04
		-3.497e+04	-4873.68	-2.78e-03	0.0	80.0	1453.05	-229.26	412.57	219.12	2.813e+04	-3.497e+04
428	324	-2.572e+04	7884.67	-3.67e-04	-240.00	0.0	-1506.28	-122.38	112.51	783.25	-1116.14	-2.572e+04
		-4.424e+04	-1116.14	-7.00e-04	0.0	80.0	-1506.28	-362.38	112.51	783.25	7884.67	-4.424e+04
428	325	-1.989e+04	9500.89	-1.71e-04	-240.00	0.0	-1805.17	-93.65	143.19	1102.44	-1978.01	-1.989e+04
		-3.674e+04	-1978.01	-7.99e-04	0.0	80.0	-1805.17	-333.65	143.19	1102.44	9500.89	-3.674e+04
428	334	-1.795e+04	6473.63	-3.51e-04	-240.00	0.0	-1936.25	-100.82	84.41	882.43	-1925.74	-1.795e+04
		-3.506e+04	-1925.74	-5.44e-04	0.0	80.0	-1936.25	-340.82	84.41	882.43	6473.63	-3.506e+04
428	335	-3.349e+04	9295.70	-3.83e-04	-240.00	0.0	-1076.31	-143.95	140.61	684.08	-306.54	-3.349e+04
		-5.341e+04	-306.54	-8.58e-04	0.0	80.0	-1076.31	-383.95	140.61	684.08	9295.70	-5.341e+04
428	349	-2.438e+04	1.112e+04	7.56e-04	-240.00	0.0	-1588.19	-140.33	156.04	1313.32	-1366.87	-2.438e+04
		-4.423e+04	-1366.87	-7.37e-04	0.0	80.0	-1588.19	-380.33	156.04	1313.32	1.112e+04	-4.423e+04
428	361	-2.232e+04	8806.44	-1.47e-04	-240.00	0.0	-1685.20	-113.48	129.30	956.46	-1540.61	-2.232e+04
		-4.032e+04	-1540.61	-7.33e-04	0.0	80.0	-1685.20	-353.48	129.30	956.46	8806.44	-4.032e+04
428	370	-2.211e+04	7063.50	-4.77e-04	-240.00	0.0	-1693.69	-105.68	96.99	821.79	-1540.60	-2.211e+04
		-3.957e+04	-1540.60	-6.35e-04	0.0	80.0	-1693.69	-345.68	96.99	821.79	7063.50	-3.957e+04
428	371	-2.932e+04	8705.84	-2.57e-04	-240.00	0.0	-1318.86	-139.08	128.03	744.71	-691.67	-2.932e+04
		-4.890e+04	-691.67	-7.65e-04	0.0	80.0	-1318.86	-379.08	128.03	744.71	8705.84	-4.890e+04
428	381	-2.502e+04	9494.50	2.44e-04	-240.00	0.0	-1547.63	-131.20	134.21	1048.50	-1243.48	-2.502e+04
		-4.419e+04	-1243.48	-7.13e-04	0.0	80.0	-1547.63	-371.20	134.21	1048.50	9494.50	-4.419e+04
429	73	-63.93	8963.30	-0.06	-324.00	0.0	4950.23	479.78	-604.38	4229.07	8963.30	-4134.92
		-4134.92	-3.939e+04	4.72e-03	0.0	80.0	4950.23	155.78	-604.38	4229.07	-3.939e+04	-2567.61
429	74	2.843e+04	8566.10	-0.06	-240.00	0.0	6388.61	519.74	-564.50	4502.37	8566.10	1.997e+04
		1.997e+04	-3.659e+04	4.47e-03	0.0	80.0	6388.61	279.74	-564.50	4502.37	-3.659e+04	2.839e+04
429	123	-4.057e+04	1499.75	-1.22e-03	-324.00	0.0	-2450.13	-211.26	-136.20	-833.58	1499.75	-4.057e+04
		-6.660e+04	-9396.54	9.10e-04	0.0	80.0	-2450.13	-535.26	-136.20	-833.58	-9396.54	-6.660e+04
429	143	-3.984e+04	1501.62	-1.22e-03	-324.00	0.0	-2481.56	-211.04	-136.35	-833.67	1501.62	-3.984e+04
		-6.587e+04	-9406.33	9.13e-04	0.0	80.0	-2481.56	-535.04	-136.35	-833.67	-9406.33	-6.587e+04
429	210	-3463.68	1645.37	-0.02	-240.00	0.0	-442.29	178.32	-48.60	2381.20	1645.37	-4604.08
		-7563.02	-2242.76	8.63e-04	0.0	80.0	-442.29	-61.68	-48.60	2381.20	-2242.76	-7563.02
429	243	-1.804e+04	6124.68	-0.03	-240.00	0.0	2467.95	56.58	-506.65	26.53	6124.68	-1.804e+04
		-3.158e+04	-3.441e+04	3.47e-03	0.0	80.0	2467.95	-183.42	-506.65	26.53	-3.441e+04	-3.158e+04
429	247	-3.186e+04	1445.75	-3.50e-03	-240.00	0.0	-1483.31	-101.30	-114.01	-127.42	1445.75	-3.186e+04
		-4.838e+04	-7674.95	8.43e-04	0.0	80.0	-1483.31	-341.30	-114.01	-127.42	-7674.95	-4.838e+04
429	283	-2.395e+04	1121.99	-8.48e-04	-240.00	0.0	-1891.19	-151.92	-102.89	-634.35	1121.99	-2.395e+04
		-4.314e+04	-7109.42	6.98e-04	0.0	80.0	-1891.19	-391.92	-102.89	-634.35	-7109.42	-4.314e+04
429	311	-1.535e+04	1333.18	-6.84e-03	-240.00	0.0	-1166.76	-2.26	-89.11	466.86	1333.18	-1.535e+04
		-2.806e+04	-5795.57	6.98e-04	0.0	80.0	-1166.76	-242.26	-89.11	466.86	-5795.57	-2.806e+04
429	316	-2.094e+04	1129.70	6.17e-04	-240.00	0.0	-1720.03	-137.69	-109.87	-853.68	1129.70	-2.094e+04
		-4.011e+04	-7659.99	5.70e-04	0.0	80.0	-1720.03	-377.69	-109.87	-853.68	-7659.99	-4.011e+04
429	319	-1.966e+04	4872.63	-0.02	-240.00	0.0	1465.88	10.87	-412.21	-214.11	4872.63	-1.966e+04
		-3.518e+04	-2.810e+04	2.78e-03	0.0	80.0	1465.88	-229.13	-412.21	-214.11	-2.810e+04	-3.518e+04
429	320	-3.002e+04	1363.42	-2.67e-03	-240.00	0.0	-1497.56	-107.54	-117.74	-329.57	1363.42	-3.002e+04
		-4.778e+04	-8055.40	8.11e-04	0.0	80.0	-1497.56	-347.54	-117.74	-329.57	-8055.40	-4.778e+04
429	324	-2.572e+04	1116.13	-3.67e-04	-240.00	0.0	-1506.27	-122.38	-112.51	-783.25	1116.13	-2.572e+04
		-4.424e+04	-7884.65	7.00e-04	0.0	80.0	-1506.27	-362.38	-112.51	-783.25	-7884.65	-4.424e+04
429	333	-2.614e+04	1254.85	-1.36e-03	-240.00	0.0	-1526.29	-110.40	-127.79	-960.51	1254.85	-2.614e+04
		-4.412e+04	-9003.32	5.98e-04	0.0	80.0	-1526.29	-350.40	-127.79	-960.51	-9003.32	-4.412e+04
429	343	-2.914e+04	1164.41	-3.65e-03	-240.00	0.0	-1265.33	-103.03	-146.18	-1483.40	1164.41	-2.914e+04
		-4.737e+04	-1.055e+04	-6.52e-04	0.0	80.0	-1265.33	-343.03	-146.18	-1483.40	-1.055e+04	-4.737e+04
429	345	-2.881e+04	1232.80	-3.65e-03	-240.00	0.0	-1315.74	-99.52	-147.00	-1467.05	1232.80	-2.881e+04
		-4.677e+04	-1.059e+04	-6.44e-04	0.0	80.0	-1315.74	-339.52	-147.00	-1467.05	-1.059e+04	-4.677e+04
429	346	-2.229e+04	1067.85	2.91e-03	-240.00	0.0	-1747.70	-141.87	-81.27	-81.06	1067.85	-2.229e+04
		-4.112e+04	-5378.60	1.57e-03	0.0	80.0	-1747.70	-381.87	-81.27	-81.06	-5378.60	-4.112e+04
429	347	-2.915e+04	1164.41	-3.64e-03	-240.00	0.0	-1264.85	-102.89	-143.75	-1485.43	1164.41	-2.915e+04
		-4.735e+04	-1.039e+04	-7.00e-04	0.0	80.0	-1264.85	-342.89	-143.75	-1485.43	-1.039e+04	-4.735e+04
429	369	-2.554e+04	1172.69	-2.80e-04	-240.00	0.0	-1546.27	-118.71	-119.38	-840.67	1172.69	-2.554e+04
		-4.390e+04	-8386.34	7.30e-04	0.0	80.0	-1546.27	-358.71	-119.38	-840.67	-8386.34	-4.390e+04
429	370	-2.534e+04	1172.69	-4.65e-04	-240.00	0.0	-1551.20	-120.47	-111.05	-695.46	1172.69	-2.534e+04
		-4.360e+04	-7719.70	7.47e-04	0.0	80.0	-1551.20	-360.47	-111.05	-695.46	-7719.70	-4.360e+04
429	371	-2.610e+04	1059.57	-2.69e-04	-240.00	0.0	-1461.34	-124.30	-113.97	-871.04	1059.57	-2.610e+04
		-4.487e+04	-8049.61	6.52e-04	0.0	80.0	-1461.34	-364.30	-113.97	-871.04	-8049.61	-4.487e+04
429	375	-2.608e+04	1099.16	1.17e-04	-240.00	0.0	-1487.50	-127.06	-123.76	-960.04	1099.16	-2.608e+04
		-4.489e+04	-8781.39	6.17e-04	0.0	80.0	-1487.50	-367.06	-123.76	-960.04	-8781.39	-4.489e+04
429	385	-2.597e+04	1133.10	8.93e-05	-240.00	0.0	-1510.79	-118.61	-127.21	-1020.72	1133.10	-2.597e+04
		-4.459e+04	-9046.24	6.83e-04	0.0	80.0	-1510.79	-358.61	-127.21	-1020.72	-9046.24	-4.459e+04
429	386	-2.530e+04	1133.10	-6.78e-04	-240.00	0.0	-1527.23	-124.48	-99.43	-536.67	1133.10	-2.530e+04
		-4.359e+04	-6824.08	7.48e-04	0.0	80.0	-1527.23	-364.48	-99.43	-536.67	-6824.08	-4.359e+04
430	73	-80.82	3.939e+04	-0.06	-324.00	0.0	4948.11	479.79	604.41	-4229.08	-8963.63	-4150.99
		-4150.99	-8963.63	-4.72e-03	0.0	80.0	4948.11	155.79	604.41	-4229.08	3.939e+04	-2585.14
430	74	2.841e+04	3.660e+04	-0.06	-240.00	0.0	6386.48	519.76	564.53	-4502.38	-8566.43	1.995e+04
		1.995e+04	-8566.43	-4.47e-03	0.0	80.0	6386.48	279.76	564.53	-4502.38	3.660e+04	2.838e+04
430	123	-4.059e+04	9398.61	-1.22e-03	-324.00	0.0	-2452.26	-211.24	136.23	833.57	-1500.08	-4.059e+04
		-6.662e+04	-1500.08	-9.10e-04	0.0	80.0	-2452.26	-535.24	136.23	833.57	9398.61	-6.662e+04
430	143	-3.987e+04	9396.11	-1.22e-03	-324.00	0.0	-2485.62	-211.10	136.23	831.83	-1502.26	-3.987e+04
		-6.591e+04	-1502.26	-9.09e-04	0.0	80.0	-2485.62	-535.10	136.23	831.83	9396.11	-6.591e+04
430	210	-3366.85	2332.47	-0.02	-240.00	0.0	-430.24	178.87	49.70	-2367.38	-1643.50	-4519.88

		-7445.13	-1643.50	-9.00e-04	0.0	80.0	-430.24	-61.13	49.70	-2367.38	2332.47	-7445.13
430	243	-1.806e+04	3.441e+04	-0.03	-240.00	0.0	2466.54	56.59	506.67	-26.53	-6124.91	-1.806e+04
		-3.159e+04	-6124.91	-3.47e-03	0.0	80.0	2466.54	-183.41	506.67	-26.53	3.441e+04	-3.159e+04
430	268	-2.832e+04	7053.19	-8.27e-04	-240.00	0.0	-1706.28	-153.32	102.05	634.34	-1111.10	-2.832e+04
		-4.749e+04	-1111.10	-6.75e-04	0.0	80.0	-1706.28	-393.32	102.05	634.34	7053.19	-4.749e+04
430	283	-2.404e+04	7030.00	-8.24e-04	-240.00	0.0	-1904.05	-152.38	101.92	621.45	-1123.98	-2.404e+04
		-4.326e+04	-1123.98	-6.68e-04	0.0	80.0	-1904.05	-392.38	101.92	621.45	7030.00	-4.326e+04
430	311	-1.528e+04	5861.83	-6.86e-03	-240.00	0.0	-1156.66	-1.86	89.92	-456.49	-1331.61	-1.528e+04
		-2.796e+04	-1331.61	-7.24e-04	0.0	80.0	-1156.66	-241.86	89.92	-456.49	5861.83	-2.796e+04
430	316	-2.106e+04	8963.55	3.40e-04	-240.00	0.0	-1719.25	-127.57	126.17	980.20	-1129.88	-2.106e+04
		-3.983e+04	-1129.88	-7.67e-04	0.0	80.0	-1719.25	-367.57	126.17	980.20	8963.55	-3.983e+04
430	319	-1.966e+04	2.810e+04	-0.02	-240.00	0.0	1465.89	10.87	412.21	214.11	-4872.63	-1.966e+04
		-3.518e+04	-4872.63	-2.78e-03	0.0	80.0	1465.89	-229.13	412.21	214.11	2.810e+04	-3.518e+04
430	320	-2.865e+04	2934.42	-3.63e-03	-240.00	0.0	-1124.54	-92.05	44.61	65.62	-634.73	-2.865e+04
		-4.601e+04	-634.73	-3.83e-04	0.0	80.0	-1124.54	-332.05	44.61	65.62	2934.42	-4.601e+04
430	324	-2.572e+04	7884.65	-3.67e-04	-240.00	0.0	-1506.27	-122.38	112.51	783.25	-1116.13	-2.572e+04
		-4.424e+04	-1116.13	-7.00e-04	0.0	80.0	-1506.27	-362.38	112.51	783.25	7884.65	-4.424e+04
430	335	-2.619e+04	8992.65	-1.21e-03	-240.00	0.0	-1527.18	-110.21	127.67	1009.07	-1261.84	-2.619e+04
		-4.238e+04	-1261.84	-1.15e-03	0.0	80.0	-1527.18	-350.21	127.67	1009.07	8992.65	-4.238e+04
430	342	-2.243e+04	5370.03	2.41e-03	-240.00	0.0	-1694.32	-146.01	80.86	-64.47	-976.18	-2.243e+04
		-4.751e+04	-976.18	1.03e-03	0.0	80.0	-1694.32	-386.01	80.86	-64.47	5370.03	-4.751e+04
430	345	-2.934e+04	1.036e+04	-3.14e-03	-240.00	0.0	-1267.82	-102.26	143.34	1647.31	-1187.69	-2.934e+04
		-4.155e+04	-1187.69	-1.97e-03	0.0	80.0	-1267.82	-342.26	143.34	1647.31	1.036e+04	-4.155e+04
430	347	-2.900e+04	1.056e+04	-3.15e-03	-240.00	0.0	-1318.71	-98.88	146.59	1628.93	-1256.08	-2.900e+04
		-4.097e+04	-1256.08	-2.02e-03	0.0	80.0	-1318.71	-338.88	146.59	1628.93	1.056e+04	-4.097e+04
430	348	-2.210e+04	5414.19	2.41e-03	-240.00	0.0	-1744.72	-142.50	81.68	-80.82	-1044.57	-2.210e+04
		-4.692e+04	-1044.57	1.02e-03	0.0	80.0	-1744.72	-382.50	81.68	-80.82	5414.19	-4.692e+04
430	365	-2.610e+04	8049.61	-2.69e-04	-240.00	0.0	-1461.34	-124.30	113.97	871.04	-1059.57	-2.610e+04
		-4.487e+04	-1059.57	-6.52e-04	0.0	80.0	-1461.34	-364.30	113.97	871.04	8049.61	-4.487e+04
430	368	-2.534e+04	7719.70	-4.65e-04	-240.00	0.0	-1551.20	-120.47	111.05	695.45	-1172.69	-2.534e+04
		-4.360e+04	-1172.69	-7.47e-04	0.0	80.0	-1551.20	-360.47	111.05	695.45	7719.70	-4.360e+04
430	371	-2.552e+04	8313.54	-2.64e-04	-240.00	0.0	-1546.85	-120.72	118.47	820.04	-1172.70	-2.552e+04
		-4.391e+04	-1172.70	-7.10e-04	0.0	80.0	-1546.85	-360.72	118.47	820.04	8313.54	-4.391e+04
430	379	-2.597e+04	9046.24	8.93e-05	-240.00	0.0	-1510.79	-118.61	127.21	1020.72	-1133.10	-2.597e+04
		-4.459e+04	-1133.10	-6.83e-04	0.0	80.0	-1510.79	-358.61	127.21	1020.72	9046.24	-4.459e+04
430	380	-2.530e+04	6824.08	-6.78e-04	-240.00	0.0	-1527.23	-124.48	99.43	536.67	-1133.10	-2.530e+04
		-4.359e+04	-1133.10	-7.48e-04	0.0	80.0	-1527.23	-364.48	99.43	536.67	6824.08	-4.359e+04
430	381	-2.608e+04	8781.39	1.17e-04	-240.00	0.0	-1487.50	-127.06	123.76	960.04	-1099.17	-2.608e+04
		-4.489e+04	-1099.17	-6.17e-04	0.0	80.0	-1487.50	-367.06	123.76	960.04	8781.39	-4.489e+04
431	87	1.239e+05	3312.91	-0.03	-324.00	0.0	6289.69	-2545.17	-170.08	3626.80	3312.91	1.239e+05
		-6.652e+04	-1.029e+04	1.90e-03	0.0	80.0	6289.69	-2869.17	-170.08	3626.80	-1.029e+04	-6.652e+04
431	90	2.124e+05	3845.83	-0.05	-240.00	0.0	1.138e+04	-3120.07	-103.04	7387.99	3845.83	2.124e+05
		-1.817e+04	-4396.99	2.39e-03	0.0	80.0	1.138e+04	-3360.07	-103.04	7387.99	-4396.99	-1.817e+04
431	97	-2.916e+04	6014.85	-0.05	-324.00	0.0	1448.24	480.40	-225.35	7605.14	6014.85	-3.864e+04
		-3.864e+04	-1.201e+04	3.32e-03	0.0	80.0	1448.24	156.40	-225.35	7605.14	-1.201e+04	-2.942e+04
431	101	4.469e+04	4639.09	-0.03	-324.00	0.0	-76.25	178.43	-231.79	3993.48	4639.09	-4.559e+04
		-5.155e+04	-1.390e+04	2.50e-03	0.0	80.0	-76.25	-145.57	-231.79	3993.48	-1.390e+04	-5.155e+04
431	143	-3.923e+04	1503.44	-1.28e-03	-324.00	0.0	-2509.48	-210.44	-135.01	-811.90	1503.44	-3.923e+04
		-6.526e+04	-9297.53	9.01e-04	0.0	80.0	-2509.48	-534.44	-135.01	-811.90	-9297.53	-6.526e+04
431	251	1.244e+05	2628.04	-0.02	-240.00	0.0	6169.47	-2639.37	-164.40	2170.76	2628.04	1.244e+05
		-6.612e+04	-1.052e+04	1.58e-03	0.0	80.0	6169.47	-2879.37	-164.40	2170.76	-1.052e+04	-6.612e+04
431	255	-4.359e+04	3940.50	-0.02	-240.00	0.0	-123.59	57.25	-225.46	2534.06	3940.50	-4.366e+04
		-5.152e+04	-1.410e+04	2.17e-03	0.0	80.0	-123.59	-182.75	-225.46	2534.06	-1.410e+04	-5.152e+04
431	283	-2.399e+04	1122.32	-8.17e-04	-240.00	0.0	-1892.91	-152.50	-101.84	-623.27	1122.32	-2.399e+04
		-4.320e+04	-7024.64	6.73e-04	0.0	80.0	-1892.91	-392.50	-101.84	-623.27	-7024.64	-4.320e+04
431	319	-2.096e+04	1130.04	6.17e-04	-240.00	0.0	-1722.14	-137.67	-109.90	-853.65	1130.04	-2.096e+04
		-4.012e+04	-7662.31	5.70e-04	0.0	80.0	-1722.14	-377.67	-109.90	-853.65	-7662.31	-4.012e+04
431	321	8.684e+04	2249.16	-0.02	-240.00	0.0	4257.55	-2011.39	-156.00	1385.76	2249.16	8.684e+04
		-6.144e+04	-1.023e+04	1.36e-03	0.0	80.0	4257.55	-2251.39	-156.00	1385.76	-1.023e+04	-6.144e+04
431	322	-3.921e+04	3233.50	-0.02	-240.00	0.0	-462.25	11.07	-201.80	1658.23	3233.50	-3.921e+04
		-5.049e+04	-1.291e+04	1.79e-03	0.0	80.0	-462.25	-228.93	-201.80	1658.23	-1.291e+04	-5.049e+04
431	324	-2.572e+04	1116.13	-3.67e-04	-240.00	0.0	-1506.28	-122.38	-112.51	-783.25	1116.13	-2.572e+04
		-4.424e+04	-7884.65	7.00e-04	0.0	80.0	-1506.28	-362.38	-112.51	-783.25	-7884.65	-4.424e+04
431	328	-2.562e+04	2133.35	-3.47e-04	-240.00	0.0	-2347.41	-70.72	-115.76	-493.27	2133.35	-2.790e+04
		-2.815e+04	-7338.49	9.62e-04	0.0	80.0	-2347.41	-310.72	-115.76	-493.27	-7338.49	-2.815e+04
431	343	6249.34	761.92	7.19e-05	-240.00	0.0	-25.25	-204.03	-182.67	-2487.96	761.92	6249.34
		-6.758e+04	-1.317e+04	-7.36e-04	0.0	80.0	-25.25	-444.03	-182.67	-2487.96	-1.317e+04	-6.758e+04
431	345	2169.48	260.48	-1.21e-04	-240.00	0.0	193.41	-219.11	-181.89	-2362.45	260.48	2169.48
		-7.258e+04	-1.311e+04	-7.38e-04	0.0	80.0	193.41	-459.11	-181.89	-2362.45	-1.311e+04	-7.258e+04
431	347	6249.89	761.92	7.26e-05	-240.00	0.0	-25.47	-203.89	-170.07	-2491.58	761.92	6249.89
		-6.758e+04	-1.266e+04	-7.78e-04	0.0	80.0	-25.47	-443.89	-170.07	-2491.58	-1.266e+04	-6.758e+04
431	348	-1.589e+04	1971.79	-6.13e-04	-240.00	0.0	-3205.97	-25.65	-43.13	795.96	1971.79	-5.361e+04
		-5.361e+04	-2660.73	1.61e-03	0.0	80.0	-3205.97	-265.65	-43.13	795.96	-2660.73	-1.589e+04
431	363	-2.230e+04	1540.60	-1.84e-04	-240.00	0.0	-1687.18	-110.33	-127.17	-942.97	1540.60	-2.230e+04
		-4.005e+04	-8636.09	7.17e-04	0.0	80.0	-1687.18	-350.33	-127.17	-942.97	-8636.09	-4.005e+04
431	365	-2.932e+04	691.66	-2.57e-04	-240.00	0.0	-1318.87	-139.08	-128.03	-744.71	691.66	-2.932e+04
		-4.890e+04	-8705.83	7.65e-04	0.0	80.0	-1318.87	-379.08	-128.03	-744.71	-8705.83	-4.890e+04

431	368	-2.211e+04	1540.60	-4.77e-04	-240.00	0.0	-1693.70	-105.68	-96.99	-821.79	1540.60	-2.211e+04
		-3.957e+04	-7063.48	6.35e-04	0.0	80.0	-1693.70	-345.68	-96.99	-821.79	-7063.48	-3.957e+04
431	375	-2.502e+04	1243.47	2.44e-04	-240.00	0.0	-1547.63	-131.20	-134.21	-1048.50	1243.47	-2.502e+04
		-4.419e+04	-9494.48	7.13e-04	0.0	80.0	-1547.63	-371.20	-134.21	-1048.50	-9494.48	-4.419e+04
432	89	-2.933e+04	1.200e+04	-0.05	-324.00	0.0	1463.31	480.45	225.12	-7607.91	-6013.40	-3.882e+04
		-3.882e+04	-6013.40	-3.32e-03	0.0	80.0	1463.31	156.45	225.12	-7607.91	1.200e+04	-2.959e+04
432	93	-4.483e+04	1.394e+04	-0.03	-324.00	0.0	-65.80	178.84	232.26	-3989.94	-4638.16	-4.579e+04
		-5.167e+04	-4638.16	-2.51e-03	0.0	80.0	-65.80	-145.16	232.26	-3989.94	1.394e+04	-5.167e+04
432	95	1.241e+05	1.034e+04	-0.03	-324.00	0.0	6286.03	-2544.94	170.68	-3620.58	-3312.80	1.241e+05
		-6.632e+04	-3312.80	-1.91e-03	0.0	80.0	6286.03	-2868.94	170.68	-3620.58	1.034e+04	-6.632e+04
432	98	2.126e+05	4394.43	-0.05	-240.00	0.0	1.138e+04	-3120.25	103.00	-7387.19	-3845.59	2.126e+05
		-1.792e+04	-3845.59	-2.38e-03	0.0	80.0	1.138e+04	-3360.25	103.00	-7387.19	4394.43	-1.792e+04
432	143	-3.926e+04	9440.55	-1.31e-03	-324.00	0.0	-2511.80	-209.40	136.81	827.68	-1503.88	-3.926e+04
		-6.525e+04	-1503.88	-9.31e-04	0.0	80.0	-2511.80	-533.40	136.81	827.68	9440.55	-6.525e+04
432	251	-4.372e+04	1.412e+04	-0.02	-240.00	0.0	-112.17	57.58	225.80	-2531.49	-3939.40	-4.380e+04
		-5.163e+04	-3939.40	-2.17e-03	0.0	80.0	-112.17	-182.42	225.80	-2531.49	1.412e+04	-5.163e+04
432	255	1.246e+05	1.056e+04	-0.02	-240.00	0.0	6166.36	-2639.21	164.88	-2165.55	-2627.84	1.246e+05
		-6.592e+04	-2627.84	-1.58e-03	0.0	80.0	6166.36	-2879.21	164.88	-2165.55	1.056e+04	-6.592e+04
432	283	-2.405e+04	7115.39	-8.39e-04	-240.00	0.0	-1900.18	-151.84	102.99	632.90	-1123.52	-2.405e+04
		-4.325e+04	-1123.52	-6.92e-04	0.0	80.0	-1900.18	-391.84	102.99	632.90	7115.39	-4.325e+04
432	321	-3.930e+04	1.288e+04	-0.02	-240.00	0.0	-453.00	10.93	201.38	-1662.27	-3232.55	-3.930e+04
		-5.058e+04	-3232.55	-1.78e-03	0.0	80.0	-453.00	-229.07	201.38	-1662.27	1.288e+04	-5.058e+04
432	322	8.700e+04	1.021e+04	-0.02	-240.00	0.0	4255.90	-2011.66	155.69	-1387.81	-2248.88	8.700e+04
		-6.129e+04	-2248.88	-1.35e-03	0.0	80.0	4255.90	-2251.66	155.69	-1387.81	1.021e+04	-6.129e+04
432	323	-2.097e+04	7659.45	5.90e-04	-240.00	0.0	-1719.81	-137.63	109.87	854.70	-1129.95	-2.097e+04
		-4.014e+04	-1129.95	-5.77e-04	0.0	80.0	-1719.81	-377.63	109.87	854.70	7659.45	-4.014e+04
432	324	-2.572e+04	7884.64	-3.67e-04	-240.00	0.0	-1506.27	-122.38	112.51	783.25	-1116.13	-2.572e+04
		-4.424e+04	-1116.13	-7.00e-04	0.0	80.0	-1506.27	-362.38	112.51	783.25	7884.64	-4.424e+04
432	336	-1.425e+04	7117.40	-3.33e-03	-240.00	0.0	-1734.10	-85.69	114.42	32.20	-2158.70	-1.425e+04
		-3.139e+04	-2158.70	-1.02e-03	0.0	80.0	-1734.10	-325.69	114.42	32.20	7117.40	-3.139e+04
432	341	-4.279e+04	1.435e+04	9.85e-03	-240.00	0.0	-2201.09	-179.03	183.70	2560.06	-448.21	-4.279e+04
		-6.173e+04	-448.21	1.00e-03	0.0	80.0	-2201.09	-419.03	183.70	2560.06	1.435e+04	-6.173e+04
432	346	-1.282e+04	1336.11	-0.01	-240.00	0.0	-525.04	-78.48	27.26	-993.44	-1228.75	-1.282e+04
		-3.176e+04	-1228.75	-1.86e-03	0.0	80.0	-525.04	-318.48	27.26	-993.44	1336.11	-3.176e+04
432	347	-3.862e+04	1.443e+04	9.91e-03	-240.00	0.0	-2487.49	-166.29	197.76	2559.94	-1003.50	-3.862e+04
		-5.671e+04	-1003.50	9.88e-04	0.0	80.0	-2487.49	-406.29	197.76	2559.94	1.443e+04	-5.671e+04
432	348	-8637.83	1995.18	-0.01	-240.00	0.0	-812.49	-65.53	42.39	-1113.46	-1784.05	-8637.83
		-2.675e+04	-1784.05	-1.91e-03	0.0	80.0	-812.49	-305.53	42.39	-1113.46	1995.18	-2.675e+04
432	357	-2.939e+04	8639.94	-2.77e-04	-240.00	0.0	-1265.41	-136.01	105.81	734.54	-647.25	-2.939e+04
		-4.885e+04	-647.25	-7.29e-04	0.0	80.0	-1265.41	-376.01	105.81	734.54	8639.94	-4.885e+04
432	365	-2.939e+04	7673.20	-2.79e-04	-240.00	0.0	-1263.67	-136.34	104.05	937.22	-647.25	-2.939e+04
		-4.884e+04	-647.25	-6.36e-04	0.0	80.0	-1263.67	-376.34	104.05	937.22	7673.20	-4.884e+04
432	368	-2.204e+04	8096.09	-4.55e-04	-240.00	0.0	-1748.86	-108.42	120.97	629.27	-1585.01	-2.204e+04
		-3.963e+04	-1585.01	-7.65e-04	0.0	80.0	-1748.86	-348.42	120.97	629.27	8096.09	-3.963e+04
432	371	-2.221e+04	8698.77	-1.75e-04	-240.00	0.0	-1745.23	-113.38	128.50	741.81	-1585.01	-2.221e+04
		-4.017e+04	-1585.01	-7.22e-04	0.0	80.0	-1745.23	-353.38	128.50	741.81	8698.77	-4.017e+04
432	379	-2.495e+04	9193.22	1.91e-04	-240.00	0.0	-1570.51	-128.79	130.61	928.01	-1256.80	-2.495e+04
		-4.396e+04	-1256.80	-6.29e-04	0.0	80.0	-1570.51	-368.79	130.61	928.01	9193.22	-4.396e+04
433	7	-2.716e+04	6019.18	-0.05	-324.00	0.0	1346.88	469.34	-252.64	7170.11	6019.18	-3.628e+04
		-3.628e+04	-1.419e+04	3.31e-03	0.0	80.0	1346.88	145.34	-252.64	7170.11	-1.419e+04	-3.628e+04
433	106	2.144e+05	3849.60	-0.05	-240.00	0.0	1.129e+04	-3128.08	-122.88	7068.63	3849.60	2.144e+05
		-1.648e+04	-5981.03	2.37e-03	0.0	80.0	1.129e+04	-3368.08	-122.88	7068.63	-5981.03	-1.648e+04
433	113	-4.153e+04	4981.67	-0.03	-324.00	0.0	-65.28	67.53	-288.67	3422.83	4981.67	-4.153e+04
		-5.478e+04	-1.811e+04	2.71e-03	0.0	80.0	-65.28	-256.47	-288.67	3422.83	-1.811e+04	-5.478e+04
433	123	-3.906e+04	1502.04	-1.22e-03	-324.00	0.0	-2513.88	-210.73	-138.84	-851.61	1502.04	-3.906e+04
		-6.509e+04	-9605.33	8.67e-04	0.0	80.0	-2513.88	-534.73	-138.84	-851.61	-9605.33	-6.509e+04
433	143	-3.845e+04	1503.69	-1.20e-03	-324.00	0.0	-2540.69	-210.70	-138.95	-852.29	1503.69	-3.845e+04
		-6.449e+04	-9612.04	8.68e-04	0.0	80.0	-2540.69	-534.70	-138.95	-852.29	-9612.04	-6.449e+04
433	210	-1.879e+04	4457.71	-0.04	-240.00	0.0	1089.39	347.20	-187.56	5306.32	4457.71	-2.548e+04
		-2.548e+04	-1.055e+04	2.45e-03	0.0	80.0	1089.39	107.20	-187.56	5306.32	-1.055e+04	-2.548e+04
433	259	1.259e+05	2631.06	-0.02	-240.00	0.0	6107.05	-2645.01	-179.47	1947.44	2631.06	1.259e+05
		-6.489e+04	-1.173e+04	1.60e-03	0.0	80.0	6107.05	-2885.01	-179.47	1947.44	-1.173e+04	-6.489e+04
433	263	-2.957e+04	3669.27	-0.02	-240.00	0.0	39.55	57.48	-211.88	2554.04	3669.27	-2.957e+04
		-3.893e+04	-1.328e+04	2.00e-03	0.0	80.0	39.55	-182.52	-211.88	2554.04	-1.328e+04	-3.893e+04
433	283	-2.369e+04	1122.05	-7.64e-04	-240.00	0.0	-1906.12	-152.79	-104.39	-650.28	1122.05	-2.369e+04
		-4.291e+04	-7229.29	6.50e-04	0.0	80.0	-1906.12	-392.79	-104.39	-650.28	-7229.29	-4.291e+04
433	311	-3.131e+04	3440.29	-0.02	-240.00	0.0	14.91	124.36	-192.26	2674.66	3440.29	-3.171e+04
		-3.737e+04	-1.194e+04	1.90e-03	0.0	80.0	14.91	-115.64	-192.26	2674.66	-1.194e+04	-3.737e+04
433	322	-2.077e+04	1130.06	5.95e-04	-240.00	0.0	-1733.62	-137.88	-108.09	-834.82	1130.06	-2.077e+04
		-3.995e+04	-7516.76	5.63e-04	0.0	80.0	-1733.62	-377.88	-108.09	-834.82	-7516.76	-3.995e+04
433	323	8.756e+04	2250.00	-0.02	-240.00	0.0	4227.92	-2015.56	-165.71	1234.03	2250.00	8.756e+04
		-6.087e+04	-1.101e+04	1.39e-03	0.0	80.0	4227.92	-2255.56	-165.71	1234.03	-1.101e+04	-6.087e+04
433	324	-2.567e+04	1114.75	-3.66e-04	-240.00	0.0	-1505.26	-122.40	-112.37	-782.19	1114.75	-2.567e+04
		-4.418e+04	-7874.60	6.99e-04	0.0	80.0	-1505.26	-362.40	-112.37	-782.19	-7874.60	-4.418e+04
433	325	-4.013e+04	-387.81	-1.34e-03	-240.00	0.0	-777.51	-158.22	-80.54	-635.25	-387.81	-4.013e+04
		-6.155e+04	-6859.90	9.42e-04	0.0	80.0	-777.51	-398.22	-80.54	-635.25	-6859.90	-6.155e+04
433	327	-1.307e+04	2698.13	-9.97e-04	-240.00	0.0	-2133.16	-68.26	-159.01	-1369.58	2698.13	-1.307e+04

		-2.843e+04	-1.005e+04	1.01e-03	0.0	80.0	-2133.16	-308.26	-159.01	-1369.58	-1.005e+04	-2.843e+04
433	333	-4.014e+04	-387.81	-1.42e-03	-240.00	0.0	-775.71	-158.75	-81.79	-651.08	-387.81	-4.014e+04
		-6.152e+04	-9954.40	1.15e-03	0.0	80.0	-775.71	-398.75	-81.79	-651.08	-9954.40	-6.152e+04
433	336	-1.119e+04	2617.30	6.90e-04	-240.00	0.0	-2234.82	-86.05	-142.94	-913.29	2617.30	-1.119e+04
		-2.685e+04	-5794.79	2.52e-04	0.0	80.0	-2234.82	-326.05	-142.94	-913.29	-5794.79	-2.685e+04
433	343	-2.473e+04	1712.34	-2.98e-03	-240.00	0.0	-1542.18	-78.37	-148.84	-1626.43	1712.34	-2.473e+04
		-4.189e+04	-1.030e+04	1.68e-03	0.0	80.0	-1542.18	-318.37	-148.84	-1626.43	-1.030e+04	-4.189e+04
433	357	-3.273e+04	328.96	-3.88e-04	-240.00	0.0	-1159.99	-148.78	-94.93	-639.32	328.96	-3.273e+04
		-5.303e+04	-7264.51	7.42e-04	0.0	80.0	-1159.99	-388.78	-94.93	-639.32	-7264.51	-5.303e+04
433	359	-1.881e+04	1900.54	-2.13e-04	-240.00	0.0	-1841.60	-102.81	-134.86	-1012.89	1900.54	-1.881e+04
		-3.598e+04	-8889.31	7.70e-04	0.0	80.0	-1841.60	-342.81	-134.86	-1012.89	-8889.31	-3.598e+04
433	363	-1.878e+04	1900.54	-3.54e-04	-240.00	0.0	-1844.09	-101.78	-134.22	-1001.20	1900.54	-1.878e+04
		-3.591e+04	-8838.18	7.42e-04	0.0	80.0	-1844.09	-341.78	-134.22	-1001.20	-8838.18	-3.591e+04
433	365	-3.274e+04	328.96	-4.32e-04	-240.00	0.0	-1159.10	-149.02	-95.55	-647.48	328.96	-3.274e+04
		-5.302e+04	-8839.50	8.49e-04	0.0	80.0	-1159.10	-389.02	-95.55	-647.48	-8839.50	-5.302e+04
433	368	-1.859e+04	1900.54	-3.01e-04	-240.00	0.0	-1851.42	-95.77	-129.19	-916.90	1900.54	-1.859e+04
		-3.535e+04	-6909.69	5.49e-04	0.0	80.0	-1851.42	-335.77	-129.19	-916.90	-6909.69	-3.535e+04
434	8	2.156e+05	3833.94	-0.05	-240.00	0.0	1.128e+04	-3150.59	96.08	-7269.50	3833.94	2.156e+05
		-1.614e+04	-3852.58	-2.08e-03	0.0	80.0	1.128e+04	-3390.59	96.08	-7269.50	-3852.58	-1.614e+04
434	105	-2.742e+04	1.161e+04	-0.05	-324.00	0.0	1384.12	458.54	220.35	-7521.65	1.161e+04	-2.742e+04
		-3.623e+04	-6020.87	-3.10e-03	0.0	80.0	1384.12	134.54	220.35	-7521.65	-6020.87	-3.623e+04
434	109	-4.254e+04	1.361e+04	-0.03	-324.00	0.0	-141.49	161.23	228.15	-3915.89	1.361e+04	-4.254e+04
		-4.987e+04	-4644.95	-2.37e-03	0.0	80.0	-141.49	-162.77	228.15	-3915.89	-4644.95	-4.987e+04
434	133	1.234e+05	9252.78	-0.03	-324.00	0.0	5895.66	-2617.86	157.05	-3667.58	9252.78	1.234e+05
		-7.043e+04	-3310.87	-1.72e-03	0.0	80.0	5895.66	-2941.86	157.05	-3667.58	-3310.87	-7.043e+04
434	143	-3.818e+04	9311.62	-1.17e-03	-324.00	0.0	-2533.85	-213.72	135.24	848.66	9311.62	-3.818e+04
		-6.433e+04	-1507.43	-9.51e-04	0.0	80.0	-2533.85	-537.72	135.24	848.66	-1507.43	-6.433e+04
434	210	1.433e+05	4963.30	-0.04	-240.00	0.0	7384.60	-2363.67	101.38	-5177.08	4963.30	1.433e+05
		-3.348e+04	-3147.17	-1.65e-03	0.0	80.0	7384.60	-2603.67	101.38	-5177.08	-3147.17	-3.348e+04
434	259	-4.191e+04	1.379e+04	-0.02	-240.00	0.0	-167.19	40.74	221.72	-2457.96	1.379e+04	-4.191e+04
		-5.041e+04	-3943.81	-2.03e-03	0.0	80.0	-167.19	-199.26	221.72	-2457.96	-3943.81	-5.041e+04
434	273	9.330e+04	6958.34	-0.02	-240.00	0.0	4496.27	-1940.51	117.67	-2706.03	6958.34	9.330e+04
		-5.046e+04	-2457.96	-1.27e-03	0.0	80.0	4496.27	-2180.51	117.67	-2706.03	-2457.96	-5.046e+04
434	283	-2.352e+04	7037.34	-7.38e-04	-240.00	0.0	-1904.26	-154.75	102.04	648.51	7037.34	-2.352e+04
		-4.282e+04	-1125.65	-7.06e-04	0.0	80.0	-1904.26	-394.75	102.04	648.51	-1125.65	-4.282e+04
434	311	9.491e+04	7859.67	-0.02	-240.00	0.0	4739.52	-1907.90	128.96	-2565.81	7859.67	9.491e+04
		-4.811e+04	-2457.21	-1.23e-03	0.0	80.0	4739.52	-2147.90	128.96	-2565.81	-2457.21	-4.811e+04
434	322	-2.065e+04	9062.71	2.86e-04	-240.00	0.0	-1715.38	-125.92	127.43	981.57	9062.71	-2.065e+04
		-3.934e+04	-1131.51	-7.79e-04	0.0	80.0	-1715.38	-365.92	127.43	981.57	-1131.51	-3.934e+04
434	323	-3.825e+04	1.268e+04	-0.01	-240.00	0.0	-474.87	-0.07	198.97	-1614.41	1.268e+04	-3.825e+04
		-4.992e+04	-3234.99	-1.67e-03	0.0	80.0	-474.87	-240.07	198.97	-1614.41	-3234.99	-4.992e+04
434	324	-2.548e+04	7892.53	-3.63e-04	-240.00	0.0	-1498.38	-122.38	112.62	784.19	7892.53	-2.548e+04
		-4.399e+04	-1117.19	-7.00e-04	0.0	80.0	-1498.38	-362.38	112.62	784.19	-1117.19	-4.399e+04
434	326	-3.792e+04	5283.68	4.46e-04	-240.00	0.0	-862.96	-168.95	59.77	201.17	5283.68	-3.792e+04
		-6.142e+04	-525.38	-7.67e-04	0.0	80.0	-862.96	-408.95	59.77	201.17	-525.38	-6.142e+04
434	327	-1.305e+04	1.050e+04	-1.13e-03	-240.00	0.0	-2133.80	-75.81	165.47	1367.21	1.050e+04	-1.305e+04
		-2.657e+04	-2759.75	-6.41e-04	0.0	80.0	-2133.80	-315.81	165.47	1367.21	-2759.75	-2.657e+04
434	333	-4.009e+04	7228.06	-1.55e-03	-240.00	0.0	-734.44	-161.07	84.18	625.02	7228.06	-4.009e+04
		-5.946e+04	-474.57	-5.62e-04	0.0	80.0	-734.44	-401.07	84.18	625.02	-474.57	-5.946e+04
434	336	-1.088e+04	8557.00	8.28e-04	-240.00	0.0	-2262.33	-83.70	141.06	943.36	8557.00	-1.088e+04
		-2.853e+04	-2708.95	-8.71e-04	0.0	80.0	-2262.33	-323.70	141.06	943.36	-2708.95	-2.853e+04
434	347	-2.504e+04	1.174e+04	-3.42e-03	-240.00	0.0	-1496.36	-96.64	166.98	1562.34	1.174e+04	-2.504e+04
		-3.584e+04	-1687.01	-4.58e-04	0.0	80.0	-1496.36	-336.64	166.98	1562.34	-1687.01	-3.584e+04
434	362	-3.236e+04	6732.23	-4.01e-04	-240.00	0.0	-1150.23	-145.07	87.86	529.40	6732.23	-3.236e+04
		-5.250e+04	-295.39	-6.97e-04	0.0	80.0	-1150.23	-385.07	87.86	529.40	-295.39	-5.250e+04
434	363	-1.861e+04	9052.82	-3.26e-04	-240.00	0.0	-1846.54	-99.70	137.39	1038.98	9052.82	-1.861e+04
		-3.549e+04	-1938.98	-7.03e-04	0.0	80.0	-1846.54	-339.70	137.39	1038.98	-1938.98	-3.549e+04
434	365	-3.255e+04	7444.55	-4.40e-04	-240.00	0.0	-1141.89	-142.80	96.77	659.92	7444.55	-3.255e+04
		-5.247e+04	-295.40	-6.56e-04	0.0	80.0	-1141.89	-382.80	96.77	659.92	-295.40	-5.247e+04
434	368	-1.842e+04	8340.50	-2.87e-04	-240.00	0.0	-1854.88	-101.97	128.48	908.46	8340.50	-1.842e+04
		-3.552e+04	-1938.98	-7.47e-04	0.0	80.0	-1854.88	-341.97	128.48	908.46	-1938.98	-3.552e+04
434	379	-2.376e+04	9476.54	-1.47e-04	-240.00	0.0	-1588.43	-111.25	135.50	1034.11	9476.54	-2.376e+04
		-4.151e+04	-1363.73	-6.54e-04	0.0	80.0	-1588.43	-351.25	135.50	1034.11	-1363.73	-4.151e+04
435	33	2.399e+05	8155.62	6.16e-03	-324.00	0.0	8376.68	-7399.31	-382.85	-8473.88	8155.62	2.399e+05
		-2.054e+05	-2.247e+04	2.93e-03	0.0	80.0	8376.68	-7723.31	-382.85	-8473.88	-2.247e+04	-2.054e+05
435	34	2.396e+05	8643.01	6.07e-03	-240.00	0.0	8303.67	-7294.97	-380.25	-9974.05	8643.01	2.396e+05
		-1.992e+05	-2.178e+04	2.31e-03	0.0	80.0	8303.67	-7534.97	-380.25	-9974.05	-2.178e+04	-1.992e+05
435	149	7162.17	-5084.66	5.75e-04	-324.00	0.0	841.28	-1896.97	-241.54	-7989.58	7162.17	-5084.66
		-7.553e+04	-2.441e+04	3.79e-03	0.0	80.0	841.28	-2220.97	-241.54	-7989.58	-2.441e+04	-7.553e+04
435	206	2960.04	-1248.80	2.87e-04	-240.00	0.0	305.31	-292.12	1.07	3953.44	-1248.80	2960.04
		-1.601e+04	-1334.30	1.78e-03	0.0	80.0	305.31	-532.12	1.07	3953.44	-1334.30	-1.601e+04
435	223	1.716e+05	6668.04	4.54e-03	-240.00	0.0	6030.33	-4990.96	-170.98	-2220.88	6668.04	1.716e+05
		-1.348e+05	-7009.96	1.23e-03	0.0	80.0	6030.33	-5230.96	-170.98	-2220.88	-7009.96	-1.348e+05
435	243	2022.62	-1382.49	3.24e-04	-240.00	0.0	226.79	-293.57	-38.08	4627.67	-1382.49	2022.62
		-2.109e+04	-4428.98	2.44e-03	0.0	80.0	226.79	-533.57	-38.08	4627.67	-4428.98	-2.109e+04
435	270	8246.06	-1998.52	3.85e-04	-240.00	0.0	417.82	-786.60	-141.48	359.39	8246.06	-1998.52
		-3.857e+04	-1.332e+04	3.15e-03	0.0	80.0	417.82	-1026.60	-141.48	359.39	-1.332e+04	-3.857e+04

435	311	4958.07	-1621.23	2.83e-04	-240.00	0.0	307.74	-486.95	-67.96	2866.14	-1621.23	4958.07
		-2.415e+04	-7058.12	2.56e-03	0.0	80.0	307.74	-726.95	-67.96	2866.14	-7058.12	-2.415e+04
435	314	1.296e+05	4658.84	3.42e-03	-240.00	0.0	4573.94	-3814.83	-131.02	-538.46	4658.84	1.296e+05
		-1.029e+05	-5822.47	1.45e-03	0.0	80.0	4573.94	-4054.83	-131.02	-538.46	-5822.47	-1.029e+05
435	319	2471.93	-1379.05	2.52e-04	-240.00	0.0	221.28	-291.78	-31.35	4597.95	-1379.05	2471.93
		-1.767e+04	-3886.73	2.36e-03	0.0	80.0	221.28	-531.78	-31.35	4597.95	-3886.73	-1.767e+04
435	324	2492.54	-1347.89	2.81e-04	-240.00	0.0	282.74	-293.52	-0.91	4031.09	-1347.89	2492.54
		-1.643e+04	-1420.87	1.84e-03	0.0	80.0	282.74	-533.52	-0.91	4031.09	-1420.87	-1.643e+04
435	333	2033.62	1174.34	1.15e-04	-240.00	0.0	173.75	-339.34	-45.69	5333.17	1174.34	2033.62
		-1.704e+04	-2560.16	2.52e-03	0.0	80.0	173.75	-579.34	-45.69	5333.17	-2560.16	-1.704e+04
435	336	2951.45	-281.59	4.48e-04	-240.00	0.0	391.74	-247.70	43.87	2729.00	-3870.11	2951.45
		-1.582e+04	-3870.11	1.15e-03	0.0	80.0	391.74	-487.70	43.87	2729.00	-281.59	-1.582e+04
435	349	1.152e+04	-597.23	-3.46e-04	-240.00	0.0	14.62	-337.61	-3.14	4646.66	-597.23	1.152e+04
		-1.097e+04	-868.42	1.33e-03	0.0	80.0	14.62	-577.61	-3.14	4646.66	-868.42	-1.097e+04
435	352	-6531.14	-1973.33	9.09e-04	-240.00	0.0	550.87	-249.43	1.32	3415.51	-2098.54	-6531.14
		-2.189e+04	-2098.54	2.35e-03	0.0	80.0	550.87	-489.43	1.32	3415.51	-1973.33	-2.189e+04
435	354	-6519.20	-597.21	8.96e-04	-240.00	0.0	508.51	-273.35	-26.70	4147.71	-597.21	-6519.20
		-2.281e+04	-2749.70	2.87e-03	0.0	80.0	508.51	-513.35	-26.70	4147.71	-2749.70	-2.281e+04
435	370	263.90	-85.44	3.58e-04	-240.00	0.0	284.80	-309.05	-26.30	4603.40	-85.44	263.90
		-1.812e+04	-2217.69	2.40e-03	0.0	80.0	284.80	-549.05	-26.30	4603.40	-2217.69	-1.812e+04
435	371	4721.17	-624.06	2.04e-04	-240.00	0.0	280.69	-277.98	24.47	3458.78	-2610.33	4721.17
		-1.475e+04	-2610.33	1.28e-03	0.0	80.0	280.69	-517.98	24.47	3458.78	-624.06	-1.475e+04
435	381	6977.13	-969.16	-3.09e-05	-240.00	0.0	149.48	-315.56	-2.16	4339.18	-969.16	6977.13
		-1.373e+04	-1152.16	1.58e-03	0.0	80.0	149.48	-555.56	-2.16	4339.18	-1152.16	-1.373e+04
435	384	-1992.06	-1689.59	5.93e-04	-240.00	0.0	416.01	-271.48	0.34	3723.00	-1726.61	-1992.06
		-1.914e+04	-1726.61	2.09e-03	0.0	80.0	416.01	-511.48	0.34	3723.00	-1689.59	-1.914e+04
435	386	-1986.76	-969.15	5.87e-04	-240.00	0.0	394.44	-283.69	-13.84	4090.19	-969.15	-1986.76
		-1.960e+04	-2085.20	2.35e-03	0.0	80.0	394.44	-523.69	-13.84	4090.19	-2085.20	-1.960e+04
436	57	2.399e+05	8147.98	6.17e-03	-324.00	0.0	8362.81	-7402.26	-390.80	-8425.85	8147.98	2.399e+05
		-2.064e+05	-2.312e+04	3.03e-03	0.0	80.0	8362.81	-7726.26	-390.80	-8425.85	-2.312e+04	-2.064e+05
436	58	2.396e+05	8635.64	6.08e-03	-240.00	0.0	8289.75	-7297.88	-388.23	-9926.35	8635.64	2.396e+05
		-2.001e+05	-2.242e+04	2.42e-03	0.0	80.0	8289.75	-7537.88	-388.23	-9926.35	-2.242e+04	-2.001e+05
436	65	5.317e+04	5975.92	1.59e-03	-324.00	0.0	2047.69	-2363.07	-495.22	-6628.30	5975.92	5.317e+04
		-9.245e+04	-3.364e+04	4.43e-03	0.0	80.0	2047.69	-2687.07	-495.22	-6628.30	-3.364e+04	-9.245e+04
436	154	5668.70	-1715.18	4.22e-04	-240.00	0.0	283.38	-554.18	-106.23	2737.39	-1715.18	5668.70
		-3.127e+04	-1.021e+04	3.10e-03	0.0	80.0	283.38	-794.18	-106.23	2737.39	-1.021e+04	-3.127e+04
436	235	1.716e+05	6663.11	4.55e-03	-240.00	0.0	6021.70	-4992.08	-176.25	-2163.59	6663.11	1.716e+05
		-1.357e+05	-7436.89	1.27e-03	0.0	80.0	6021.70	-5232.08	-176.25	-2163.59	-7436.89	-1.357e+05
436	239	3.324e+04	5054.18	1.16e-03	-240.00	0.0	1343.83	-1259.35	-253.59	-832.08	5054.18	3.324e+04
		-5.131e+04	-1.523e+04	2.21e-03	0.0	80.0	1343.83	-1499.35	-253.59	-832.08	-1.523e+04	-5.131e+04
436	281	2062.50	-1390.44	3.46e-04	-240.00	0.0	167.36	-283.04	-43.47	5152.97	-1390.44	2062.50
		-1.936e+04	-4867.62	2.74e-03	0.0	80.0	167.36	-523.04	-43.47	5152.97	-4867.62	-1.936e+04
436	313	2519.14	-1381.95	2.53e-04	-240.00	0.0	186.67	-280.69	-30.85	4989.68	-1381.95	2519.14
		-1.517e+04	-3850.31	2.56e-03	0.0	80.0	186.67	-520.69	-30.85	4989.68	-3850.31	-1.517e+04
436	317	1.296e+05	4657.50	3.42e-03	-240.00	0.0	4573.38	-3815.78	-131.98	-550.84	4657.50	1.296e+05
		-1.032e+05	-5900.65	1.46e-03	0.0	80.0	4573.38	-4055.78	-131.98	-550.84	-5900.65	-1.032e+05
436	318	2.589e+04	3450.80	8.72e-04	-240.00	0.0	1064.98	-1016.23	-189.99	447.80	3450.80	2.589e+04
		-3.989e+04	-1.175e+04	2.12e-03	0.0	80.0	1064.98	-1256.23	-189.99	447.80	-1.175e+04	-3.989e+04
436	324	2489.17	-1348.62	2.81e-04	-240.00	0.0	282.89	-293.62	-0.84	4031.92	-1348.62	2489.17
		-1.644e+04	-1415.89	1.84e-03	0.0	80.0	282.89	-533.62	-0.84	4031.92	-1415.89	-1.644e+04
436	349	1.610e+04	-512.34	-4.54e-04	-240.00	0.0	-127.06	-356.53	7.19	4594.95	-1069.34	1.610e+04
		-7469.44	-1069.34	2.31e-03	0.0	80.0	-127.06	-596.53	7.19	4594.95	-512.34	-7469.44
436	352	-1.112e+04	-1627.90	1.02e-03	-240.00	0.0	692.83	-230.72	-8.87	3468.89	-1627.90	-1.112e+04
		-2.540e+04	-2319.44	1.36e-03	0.0	80.0	692.83	-470.72	-8.87	3468.89	-2319.44	-2.540e+04
436	354	-1.120e+04	-1069.32	1.01e-03	-240.00	0.0	669.50	-230.74	-19.45	3798.38	-1069.32	-1.120e+04
		-2.547e+04	-2635.56	1.57e-03	0.0	80.0	669.50	-470.74	-19.45	3798.38	-2635.56	-2.547e+04
436	355	1.617e+04	-196.22	-4.47e-04	-240.00	0.0	-103.72	-356.50	17.77	4265.46	-1627.92	1.617e+04
		-7400.89	-1627.92	2.11e-03	0.0	80.0	-103.72	-596.50	17.77	4265.46	-196.22	-7400.89
436	381	9256.12	-967.48	-8.41e-05	-240.00	0.0	79.04	-324.96	3.11	4316.79	-1207.20	9256.12
		-1.198e+04	-1207.20	2.07e-03	0.0	80.0	79.04	-564.96	3.11	4316.79	-967.48	-1.198e+04
436	384	-4277.79	-1490.04	6.47e-04	-240.00	0.0	486.73	-262.29	-4.79	3747.05	-1490.04	-4277.79
		-2.089e+04	-1864.30	1.60e-03	0.0	80.0	486.73	-502.29	-4.79	3747.05	-1864.30	-2.089e+04
436	386	-4316.65	-1207.19	6.43e-04	-240.00	0.0	474.98	-262.30	-10.17	3912.41	-1207.19	-4316.65
		-2.093e+04	-2026.35	1.70e-03	0.0	80.0	474.98	-502.30	-10.17	3912.41	-2026.35	-2.093e+04
436	387	9294.98	-805.44	-8.05e-05	-240.00	0.0	90.80	-324.95	8.49	4151.43	-1490.05	9294.98
		-1.194e+04	-1490.05	1.97e-03	0.0	80.0	90.80	-564.95	8.49	4151.43	-805.44	-1.194e+04
437	73	7110.37	-5084.85	6.02e-04	-324.00	0.0	874.05	-1911.87	-248.38	-8459.66	-5084.85	7110.37
		-7.938e+04	-2.495e+04	3.69e-03	0.0	80.0	874.05	-2235.87	-248.38	-8459.66	-2.495e+04	-7.938e+04
437	81	2.399e+05	8141.29	6.17e-03	-324.00	0.0	8350.00	-7401.24	-396.99	-8285.35	8141.29	2.399e+05
		-2.066e+05	-2.362e+04	3.15e-03	0.0	80.0	8350.00	-7725.24	-396.99	-8285.35	-2.362e+04	-2.066e+05
437	82	2.396e+05	8628.96	6.08e-03	-240.00	0.0	8276.94	-7296.86	-394.42	-9785.84	8628.96	2.396e+05
		-2.003e+05	-2.292e+04	2.54e-03	0.0	80.0	8276.94	-7536.86	-394.42	-9785.84	-2.292e+04	-2.003e+05
437	144	2244.62	-1341.75	4.54e-04	-240.00	0.0	295.41	-304.34	-14.09	3884.99	-1341.75	2244.62
		-2.407e+04	-2468.74	1.88e-03	0.0	80.0	295.41	-544.34	-14.09	3884.99	-2468.74	-2.407e+04
437	231	2041.54	-1389.25	3.30e-04	-240.00	0.0	183.53	-276.78	-38.79	5253.45	-1389.25	2041.54
		-1.800e+04	-4492.74	2.71e-03	0.0	80.0	183.53	-516.78	-38.79	5253.45	-4492.74	-1.800e+04
437	247	1.716e+05	6658.54	4.55e-03	-240.00	0.0	6013.09	-4990.99	-180.24	-2057.12	6658.54	1.716e+05

		-1.357e+05	-7760.22	1.36e-03	0.0	80.0	6013.09	-5230.99	-180.24	-2057.12	-7760.22	-1.357e+05
437	270	8221.34	-2014.20	3.62e-04	-240.00	0.0	402.32	-788.37	-154.96	537.60	-2014.20	8221.34
		-3.937e+04	-1.441e+04	3.33e-03	0.0	80.0	402.32	-1028.37	-154.96	537.60	-1.441e+04	-3.937e+04
437	311	4950.44	-1628.06	2.62e-04	-240.00	0.0	307.58	-488.66	-72.78	2893.45	-1628.06	4950.44
		-2.433e+04	-7450.39	2.61e-03	0.0	80.0	307.58	-728.66	-72.78	2893.45	-7450.39	-2.433e+04
437	316	2502.37	-1379.32	2.52e-04	-240.00	0.0	200.12	-280.07	-26.75	4948.76	-1379.32	2502.37
		-1.492e+04	-3519.65	2.49e-03	0.0	80.0	200.12	-520.07	-26.75	4948.76	-3519.65	-1.492e+04
437	320	1.296e+05	4656.52	3.42e-03	-240.00	0.0	4572.29	-3815.73	-132.84	-534.16	4656.52	1.296e+05
		-1.032e+05	-5970.26	1.48e-03	0.0	80.0	4572.29	-4055.73	-132.84	-534.16	-5970.26	-1.032e+05
437	324	2489.15	-1348.62	2.81e-04	-240.00	0.0	282.90	-293.62	-0.84	4031.90	-1348.62	2489.15
		-1.644e+04	-1415.81	1.84e-03	0.0	80.0	282.90	-533.62	-0.84	4031.90	-1415.81	-1.644e+04
437	341	1.118e+04	102.83	-7.11e-04	-240.00	0.0	24.17	-331.22	22.32	2927.68	102.83	1.118e+04
		-1.019e+04	-1611.46	-3.49e-04	0.0	80.0	24.17	-571.22	22.32	2927.68	-1611.46	-1.019e+04
437	344	-6202.94	-1085.78	1.27e-03	-240.00	0.0	541.62	-256.03	-24.00	5136.11	-1085.78	-6202.94
		-2.268e+04	-2934.45	4.02e-03	0.0	80.0	541.62	-496.03	-24.00	5136.11	-2934.45	-2.268e+04
437	346	-6329.85	-1715.98	1.27e-03	-240.00	0.0	541.69	-254.96	-12.18	4921.46	-1715.98	-6329.85
		-2.248e+04	-2618.50	3.83e-03	0.0	80.0	541.69	-494.96	-12.18	4921.46	-2618.50	-2.248e+04
437	347	1.131e+04	-213.12	-7.06e-04	-240.00	0.0	24.10	-332.28	10.50	3142.34	-213.12	1.131e+04
		-1.039e+04	-981.26	-1.54e-04	0.0	80.0	24.10	-572.28	10.50	3142.34	-981.26	-1.039e+04
437	364	922.38	-822.59	3.59e-04	-240.00	0.0	329.47	-281.65	-12.78	4128.86	-822.59	922.38
		-1.771e+04	-1845.84	1.95e-03	0.0	80.0	329.47	-521.65	-12.78	4128.86	-1845.84	-1.771e+04
437	376	-2249.53	-1190.81	6.47e-04	-240.00	0.0	424.20	-272.44	-8.26	3920.51	-1190.81	-2249.53
		-1.969e+04	-1852.13	2.09e-03	0.0	80.0	424.20	-512.44	-8.26	3920.51	-1852.13	-1.969e+04
437	378	-2313.53	-1506.43	6.44e-04	-240.00	0.0	424.25	-271.90	-2.35	3813.08	-1506.43	-2313.53
		-1.959e+04	-1693.92	1.99e-03	0.0	80.0	424.25	-511.90	-2.35	3813.08	-1693.92	-1.959e+04
437	379	7291.83	-1137.70	-8.18e-05	-240.00	0.0	141.54	-315.34	0.67	4250.71	-1137.70	7291.83
		-1.328e+04	-1190.82	1.68e-03	0.0	80.0	141.54	-555.34	0.67	4250.71	-1190.82	-1.328e+04
437	384	-1453.34	-1190.81	5.22e-04	-240.00	0.0	399.17	-276.49	-9.08	3851.10	-1190.81	-1453.34
		-1.922e+04	-1917.33	1.64e-03	0.0	80.0	399.17	-516.49	-9.08	3851.10	-1917.33	-1.922e+04
438	81	1.106e+04	-2688.92	5.02e-04	-324.00	0.0	579.45	-1056.19	-177.99	429.43	-2688.92	1.106e+04
		-4.978e+04	-1.693e+04	4.07e-03	0.0	80.0	579.45	-1380.19	-177.99	429.43	-1.693e+04	-4.978e+04
438	89	8507.81	-4271.32	5.57e-04	-324.00	0.0	714.50	-1668.43	-259.85	-6324.02	-4271.32	8507.81
		-7.126e+04	-2.506e+04	4.04e-03	0.0	80.0	714.50	-1992.43	-259.85	-6324.02	-2.506e+04	-7.126e+04
438	97	7969.59	-6114.02	7.09e-04	-324.00	0.0	1307.79	-2076.75	-169.35	-7787.91	-6114.02	7969.59
		-8.217e+04	-1.966e+04	3.24e-03	0.0	80.0	1307.79	-2400.75	-169.35	-7787.91	-1.966e+04	-8.217e+04
438	144	2267.56	-1346.35	4.41e-04	-240.00	0.0	286.69	-306.06	-19.10	3896.34	-1346.35	2267.56
		-2.415e+04	-2874.14	1.90e-03	0.0	80.0	286.69	-546.06	-19.10	3896.34	-2874.14	-2.415e+04
438	206	2956.99	-1243.92	2.87e-04	-240.00	0.0	305.47	-292.22	1.14	3954.24	-1243.92	2956.99
		-1.601e+04	-1335.01	1.78e-03	0.0	80.0	305.47	-532.22	1.14	3954.24	-1335.01	-1.601e+04
438	207	2035.75	-1351.67	3.61e-04	-240.00	0.0	286.80	-295.66	-7.88	4056.88	-1351.67	2035.75
		-2.011e+04	-1982.04	1.87e-03	0.0	80.0	286.80	-535.66	-7.88	4056.88	-1982.04	-2.011e+04
438	210	7655.50	-2030.34	2.93e-04	-240.00	0.0	405.81	-764.38	-155.30	1505.85	-2030.34	7655.50
		-4.012e+04	-1.445e+04	3.91e-03	0.0	80.0	405.81	-1004.38	-155.30	1505.85	-1.445e+04	-4.012e+04
438	243	2035.08	-1393.58	3.23e-04	-240.00	0.0	183.49	-277.70	-42.29	5277.14	-1393.58	2035.08
		-1.817e+04	-4776.84	2.74e-03	0.0	80.0	183.49	-517.70	-42.29	5277.14	-4776.84	-1.817e+04
438	255	-239.97	-3900.57	5.03e-04	-240.00	0.0	797.07	-1047.63	-11.48	-1719.53	-3900.57	-239.97
		-4.356e+04	-4819.02	1.26e-03	0.0	80.0	797.07	-1287.63	-11.48	-1719.53	-4819.02	-4.356e+04
438	270	7653.52	-2031.28	3.07e-04	-240.00	0.0	400.32	-768.89	-157.36	1430.58	-2031.28	7653.52
		-4.109e+04	-1.462e+04	3.91e-03	0.0	80.0	400.32	-1008.89	-157.36	1430.58	-1.462e+04	-4.109e+04
438	309	2489.29	-1348.62	2.81e-04	-240.00	0.0	282.91	-293.62	-0.84	4031.91	-1348.62	2489.29
		-1.644e+04	-1415.86	1.84e-03	0.0	80.0	282.91	-533.62	-0.84	4031.91	-1415.86	-1.644e+04
438	311	4517.32	-1638.36	2.26e-04	-240.00	0.0	311.36	-473.55	-71.88	3539.92	-1638.36	4517.32
		-2.554e+04	-7389.02	3.06e-03	0.0	80.0	311.36	-713.55	-71.88	3539.92	-7389.02	-2.554e+04
438	319	2488.79	-1380.06	2.52e-04	-240.00	0.0	205.43	-280.16	-26.65	4947.10	-1380.06	2488.79
		-1.498e+04	-3511.96	2.49e-03	0.0	80.0	205.43	-520.16	-26.65	4947.10	-3511.96	-1.498e+04
438	322	782.50	-3260.29	3.87e-04	-240.00	0.0	665.61	-857.60	-3.54	-300.40	-3260.29	782.50
		-3.402e+04	-3543.59	1.32e-03	0.0	80.0	665.61	-1097.60	-3.54	-300.40	-3543.59	-3.402e+04
438	324	2489.29	-1348.62	2.81e-04	-240.00	0.0	282.91	-293.62	-0.84	4031.91	-1348.62	2489.29
		-1.644e+04	-1415.86	1.84e-03	0.0	80.0	282.91	-533.62	-0.84	4031.91	-1415.86	-1.644e+04
438	341	2.183e+04	2057.80	-3.14e-04	-240.00	0.0	-281.69	-374.47	52.16	6379.45	2057.80	2.183e+04
		-3577.78	-1974.12	3.60e-03	0.0	80.0	-281.69	-614.47	52.16	6379.45	-1974.12	-3577.78
438	344	-1.685e+04	-723.12	8.76e-04	-240.00	0.0	847.51	-212.78	-53.84	1684.37	-723.12	-1.685e+04
		-2.929e+04	-4889.52	3.77e-04	0.0	80.0	847.51	-452.78	-53.84	1684.37	-4889.52	-2.929e+04
438	346	-1.692e+04	-2222.24	8.74e-04	-240.00	0.0	878.55	-195.26	-26.49	1033.66	-2222.24	-1.692e+04
		-2.845e+04	-4190.44	-4.34e-04	0.0	80.0	878.55	-435.26	-26.49	1033.66	-4190.44	-2.845e+04
438	347	2.190e+04	1358.72	-3.12e-04	-240.00	0.0	-312.73	-391.99	24.81	7030.16	1358.72	2.190e+04
		-4416.16	-475.00	4.11e-03	0.0	80.0	-312.73	-631.99	24.81	7030.16	-4416.16	-4416.16
438	357	4969.80	-565.52	1.80e-04	-240.00	0.0	247.51	-287.36	25.38	3589.85	-565.52	4969.80
		-1.429e+04	-2603.00	1.51e-03	0.0	80.0	247.51	-527.36	25.38	3589.85	-2603.00	-1.429e+04
438	360	8.78	-94.24	3.82e-04	-240.00	0.0	318.30	-299.89	-27.06	4473.96	-94.24	8.78
		-1.858e+04	-2266.19	2.16e-03	0.0	80.0	318.30	-539.89	-27.06	4473.96	-2266.19	-1.858e+04
438	376	-4012.00	-972.30	5.94e-04	-240.00	0.0	462.21	-272.30	-17.08	3915.10	-972.30	-4012.00
		-2.099e+04	-2340.70	1.59e-03	0.0	80.0	462.21	-512.30	-17.08	3915.10	-2340.70	-2.099e+04
438	378	-4047.17	-1724.93	5.94e-04	-240.00	0.0	477.99	-263.48	-3.33	3589.21	-1724.93	-4047.17
		-2.057e+04	-1988.30	1.34e-03	0.0	80.0	477.99	-503.48	-3.33	3589.21	-1988.30	-2.057e+04
438	379	9025.75	-843.42	-3.60e-05	-240.00	0.0	87.82	-323.77	1.65	4474.61	-843.42	9025.75
		-1.230e+04	-972.31	2.34e-03	0.0	80.0	87.82	-563.77	1.65	4474.61	-972.31	-1.230e+04

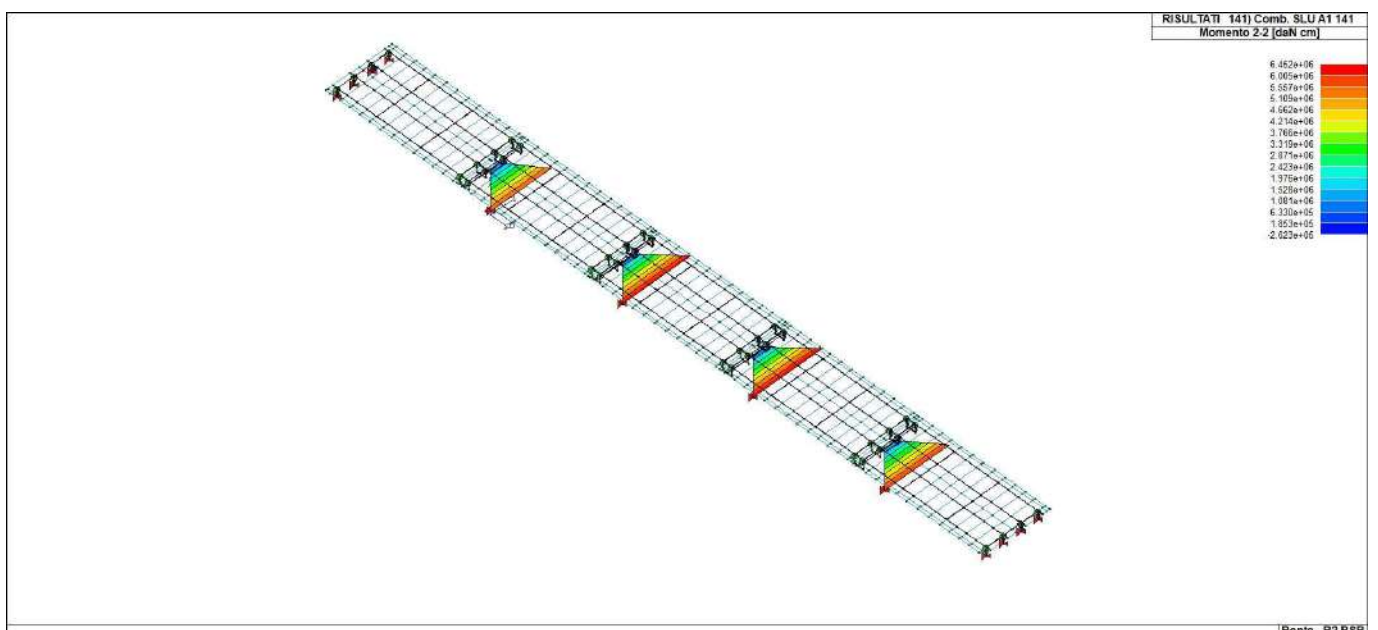
439	41	2.399e+05	2.344e+04	6.17e-03	-324.00	0.0	8362.06	-7401.97	394.73	8347.41	-8142.51	2.399e+05
		-2.065e+05	-8142.51	-3.10e-03	0.0	80.0	8362.06	-7725.97	394.73	8347.41	2.344e+04	-2.065e+05
439	42	2.396e+05	2.274e+04	6.08e-03	-240.00	0.0	8288.99	-7297.59	392.16	9847.90	-8630.17	2.396e+05
		-2.003e+05	-8630.17	-2.48e-03	0.0	80.0	8288.99	-7537.59	392.16	9847.90	2.274e+04	-2.003e+05
439	49	7066.91	2.478e+04	6.05e-04	-324.00	0.0	893.25	-1912.17	246.13	8498.82	5085.13	7066.91
		-7.947e+04	5085.13	-3.66e-03	0.0	80.0	893.25	-2236.17	246.13	8498.82	2.478e+04	-7.947e+04
439	206	2956.98	1335.01	2.87e-04	-240.00	0.0	305.48	-292.22	-1.14	-3954.23	1335.01	2956.98
		-1.601e+04	1243.92	-1.78e-03	0.0	80.0	305.48	-532.22	-1.14	-3954.23	1243.92	-1.601e+04
439	227	1.716e+05	7675.50	4.55e-03	-240.00	0.0	6020.49	-4992.15	179.18	2118.42	-6659.12	1.716e+05
		-1.357e+05	-6659.12	-1.31e-03	0.0	80.0	6020.49	-5232.15	179.18	2118.42	7675.50	-1.357e+05
439	243	2030.32	4249.83	3.24e-04	-240.00	0.0	200.39	-278.46	35.78	-5143.13	1387.49	2030.32
		-1.795e+04	1387.49	-2.62e-03	0.0	80.0	200.39	-518.46	35.78	-5143.13	4249.83	-1.795e+04
439	270	8269.13	1.383e+04	3.85e-04	-240.00	0.0	395.62	-787.70	147.82	-433.43	2003.71	8269.13
		-3.888e+04	2003.71	-3.23e-03	0.0	80.0	395.62	-1027.70	147.82	-433.43	1.383e+04	-3.888e+04
439	311	4982.60	7191.81	2.83e-04	-240.00	0.0	295.17	-487.09	69.62	-2892.56	1622.25	4982.60
		-2.406e+04	1622.25	-2.61e-03	0.0	80.0	295.17	-727.09	69.62	-2892.56	7191.81	-2.406e+04
439	315	1.296e+05	6081.22	3.42e-03	-240.00	0.0	4570.51	-3815.42	134.20	499.07	-4654.90	1.296e+05
		-1.033e+05	-4654.90	-1.51e-03	0.0	80.0	4570.51	-4055.42	134.20	499.07	6081.22	-1.033e+05
439	319	2488.78	3511.96	2.52e-04	-240.00	0.0	205.43	-280.15	26.65	-4947.10	1380.06	2488.78
		-1.498e+04	1380.06	-2.49e-03	0.0	80.0	205.43	-520.15	26.65	-4947.10	3511.96	-1.498e+04
439	324	2489.28	1415.86	2.81e-04	-240.00	0.0	282.91	-293.62	0.84	-4031.91	1348.62	2489.28
		-1.644e+04	1348.62	-1.84e-03	0.0	80.0	282.91	-533.62	0.84	-4031.91	1415.86	-1.644e+04
439	325	3816.49	2448.33	1.82e-04	-240.00	0.0	172.44	-331.63	44.83	-5182.78	-1165.42	3816.49
		-1.647e+04	-1165.42	-2.94e-03	0.0	80.0	172.44	-571.63	44.83	-5182.78	2448.33	-1.647e+04
439	328	1162.08	3862.66	3.80e-04	-240.00	0.0	393.38	-255.62	-43.15	-2881.04	3862.66	1162.08
		-1.640e+04	383.39	-7.36e-04	0.0	80.0	393.38	-495.62	-43.15	-2881.04	383.39	-1.640e+04
439	350	-1.059e+04	3269.14	9.12e-04	-240.00	0.0	644.01	-250.61	33.32	-3800.13	599.05	-1.059e+04
		-2.560e+04	599.05	-1.34e-03	0.0	80.0	644.01	-490.61	33.32	-3800.13	3269.14	-2.560e+04
439	353	1.563e+04	599.07	-3.47e-04	-240.00	0.0	-109.23	-354.15	-4.30	-4914.39	599.07	1.563e+04
		-8111.68	261.67	-2.84e-03	0.0	80.0	-109.23	-594.15	-4.30	-4914.39	261.67	-8111.68
439	356	-1.066e+04	2570.05	9.10e-04	-240.00	0.0	675.05	-233.09	5.98	-3149.43	2098.17	-1.066e+04
		-2.476e+04	2098.17	-8.52e-04	0.0	80.0	675.05	-473.09	5.98	-3149.43	2570.05	-2.476e+04
439	362	8.77	2266.19	3.82e-04	-240.00	0.0	318.30	-299.89	27.06	-4473.96	94.24	8.77
		-1.858e+04	94.24	-2.16e-03	0.0	80.0	318.30	-539.89	27.06	-4473.96	2266.19	-1.858e+04
439	363	4969.79	2603.00	1.80e-04	-240.00	0.0	247.51	-287.36	-25.38	-3589.85	2603.00	4969.79
		-1.429e+04	565.53	-1.51e-03	0.0	80.0	247.51	-527.36	-25.38	-3589.85	565.53	-1.429e+04
439	382	-4012.01	2340.70	5.94e-04	-240.00	0.0	462.21	-272.30	17.08	-3915.10	972.30	-4012.01
		-2.099e+04	972.30	-1.59e-03	0.0	80.0	462.21	-512.30	17.08	-3915.10	2340.70	-2.099e+04
439	385	9025.74	972.31	-3.60e-05	-240.00	0.0	87.82	-323.77	-1.65	-4474.61	972.31	9025.74
		-1.230e+04	843.42	-2.34e-03	0.0	80.0	87.82	-563.77	-1.65	-4474.61	843.42	-1.230e+04
439	388	-4047.17	1988.30	5.94e-04	-240.00	0.0	477.99	-263.48	3.33	-3589.21	1724.93	-4047.17
		-2.057e+04	1724.93	-1.34e-03	0.0	80.0	477.99	-503.48	3.33	-3589.21	1988.30	-2.057e+04
440	65	1.189e+05	7709.47	3.22e-03	-324.00	0.0	5000.91	-4034.87	104.91	1444.72	-683.40	1.189e+05
		-1.217e+05	-683.40	-3.01e-03	0.0	80.0	5000.91	-4358.87	104.91	1444.72	7709.47	-1.217e+05
440	66	1.185e+05	7016.21	3.12e-03	-240.00	0.0	4927.85	-3930.49	102.34	2945.21	-1171.06	1.185e+05
		-1.154e+05	-1171.06	-2.31e-03	0.0	80.0	4927.85	-4170.49	102.34	2945.21	7016.21	-1.154e+05
440	73	7090.57	2.495e+04	6.02e-04	-324.00	0.0	879.78	-1911.96	248.26	8461.44	5085.78	7090.57
		-7.945e+04	5085.78	-3.69e-03	0.0	80.0	879.78	-2235.96	248.26	8461.44	2.495e+04	-7.945e+04
440	206	2956.86	1335.01	2.87e-04	-240.00	0.0	305.46	-292.22	-1.14	-3954.22	1335.01	2956.86
		-1.601e+04	1243.87	-1.78e-03	0.0	80.0	305.46	-532.22	-1.14	-3954.22	1243.87	-1.601e+04
440	239	8.190e+04	-1134.24	2.36e-03	-240.00	0.0	3531.84	-2497.37	-36.11	-3010.15	-1134.24	8.190e+04
		-7.285e+04	-4023.15	-1.44e-03	0.0	80.0	3531.84	-2737.37	-36.11	-3010.15	-4023.15	-7.285e+04
440	251	2028.69	4162.62	3.28e-04	-240.00	0.0	196.76	-276.70	34.70	-5192.36	1386.42	2028.69
		-1.775e+04	1386.42	-2.65e-03	0.0	80.0	196.76	-516.70	34.70	-5192.36	4162.62	-1.775e+04
440	270	8275.64	1.446e+04	3.88e-04	-240.00	0.0	373.52	-787.34	155.59	-573.08	2010.18	8275.64
		-3.931e+04	2010.18	-3.39e-03	0.0	80.0	373.52	-1027.34	155.59	-573.08	1.446e+04	-3.931e+04
440	311	5001.02	7488.99	2.82e-04	-240.00	0.0	283.13	-487.84	73.31	-2920.94	1624.59	5001.02
		-2.425e+04	1624.59	-2.66e-03	0.0	80.0	283.13	-727.84	73.31	-2920.94	7488.99	-2.425e+04
440	318	6.241e+04	-513.76	1.78e-03	-240.00	0.0	2708.50	-1945.47	-29.37	-3267.18	-513.76	6.241e+04
		-5.602e+04	-2863.13	-1.54e-03	0.0	80.0	2708.50	-2185.47	-29.37	-3267.18	-2863.13	-5.602e+04
440	321	2502.58	3276.20	2.52e-04	-240.00	0.0	207.19	-279.97	23.74	-4903.83	1376.74	2502.58
		-1.470e+04	1376.74	-2.44e-03	0.0	80.0	207.19	-519.97	23.74	-4903.83	3276.20	-1.470e+04
440	324	2489.16	1415.81	2.81e-04	-240.00	0.0	282.90	-293.62	0.84	-4031.90	1348.62	2489.16
		-1.644e+04	1348.62	-1.84e-03	0.0	80.0	282.90	-533.62	0.84	-4031.90	1415.81	-1.644e+04
440	342	-7507.77	2692.58	8.55e-04	-240.00	0.0	576.05	-245.36	21.25	-5132.26	1143.64	-7507.77
		-2.315e+04	1143.64	-1.03e-03	0.0	80.0	576.05	-485.36	21.25	-5132.26	2692.58	-2.315e+04
440	343	1.249e+04	1553.60	-2.93e-04	-240.00	0.0	-10.26	-341.89	-19.57	-2931.53	1553.60	1.249e+04
		-9716.19	139.04	-2.64e-03	0.0	80.0	-10.26	-581.89	-19.57	-2931.53	139.04	-9716.19
440	345	1.261e+04	923.40	-2.88e-04	-240.00	0.0	-10.33	-342.95	-7.75	-3146.19	923.40	1.261e+04
		-9916.72	454.99	-2.84e-03	0.0	80.0	-10.33	-582.95	-7.75	-3146.19	454.99	-9916.72
440	348	-7634.67	2376.63	8.51e-04	-240.00	0.0	576.12	-244.29	9.43	-4917.61	1773.85	-7634.67
		-2.295e+04	1773.85	-8.43e-04	0.0	80.0	576.12	-484.29	9.43	-4917.61	2376.63	-2.295e+04
440	362	683.53	1826.29	3.97e-04	-240.00	0.0	336.98	-280.44	12.54	-4149.68	822.59	683.53
		-1.785e+04	822.59	-2.09e-03	0.0	80.0	336.98	-520.44	12.54	-4149.68	1826.29	-1.785e+04
440	374	-1453.33	1917.33	5.22e-04	-240.00	0.0	399.18	-276.49	9.08	-3851.10	1190.81	-1453.33
		-1.922e+04	1190.81	-1.64e-03	0.0	80.0	399.18	-516.49	9.08	-3851.10	1917.33	-1.922e+04
440	382	-2249.52	1852.13	6.47e-04	-240.00	0.0	424.20	-272.44	8.26	-3920.51	1190.81	-2249.52

		-1.969e+04	1190.81	-2.09e-03	0.0	80.0	424.20	-512.44	8.26	-3920.51	1852.13	-1.969e+04
440	385	7291.83	1190.82	-8.18e-05	-240.00	0.0	141.54	-315.34	-0.67	-4250.72	1190.82	7291.83
		-1.328e+04	1137.71	-1.68e-03	0.0	80.0	141.54	-555.34	-0.67	-4250.72	1137.71	-1.328e+04
440	388	-2313.52	1693.92	6.44e-04	-240.00	0.0	424.25	-271.90	2.35	-3813.08	1506.42	-2313.52
		-1.959e+04	1506.42	-1.99e-03	0.0	80.0	424.25	-511.90	2.35	-3813.08	1693.92	-1.959e+04
441	89	8001.00	1.956e+04	7.05e-04	-324.00	0.0	1298.06	-2076.91	168.17	7820.80	6110.81	8001.00
		-8.199e+04	6110.81	-3.21e-03	0.0	80.0	1298.06	-2400.91	168.17	7820.80	1.956e+04	-8.199e+04
441	97	8532.69	2.519e+04	5.54e-04	-324.00	0.0	698.43	-1667.88	261.53	6282.60	4271.22	8532.69
		-7.118e+04	4271.22	-4.07e-03	0.0	80.0	698.43	-1991.88	261.53	6282.60	2.519e+04	-7.118e+04
441	105	1.107e+04	1.962e+04	4.69e-04	-324.00	0.0	468.17	-1037.53	211.16	-1650.07	2727.84	1.107e+04
		-4.787e+04	2727.84	-4.91e-03	0.0	80.0	468.17	-1361.53	211.16	-1650.07	1.962e+04	-4.787e+04
441	134	5637.95	1.072e+04	4.29e-04	-240.00	0.0	282.25	-557.31	112.44	-2730.16	1720.67	5637.95
		-3.243e+04	1720.67	-3.16e-03	0.0	80.0	282.25	-797.31	112.44	-2730.16	1.072e+04	-3.243e+04
441	206	2956.88	1335.02	2.87e-04	-240.00	0.0	305.46	-292.22	-1.14	-3954.24	1335.02	2956.88
		-1.601e+04	1243.95	-1.78e-03	0.0	80.0	305.46	-532.22	-1.14	-3954.24	1243.95	-1.601e+04
441	208	1852.52	2075.33	3.96e-04	-240.00	0.0	294.66	-295.84	9.04	-4072.47	1352.19	1852.52
		-2.159e+04	1352.19	-1.90e-03	0.0	80.0	294.66	-535.84	9.04	-4072.47	2075.33	-2.159e+04
441	210	8303.89	1.461e+04	3.48e-04	-240.00	0.0	350.25	-772.71	157.38	-1075.14	2017.91	8303.89
		-3.606e+04	2017.91	-3.60e-03	0.0	80.0	350.25	-1012.71	157.38	-1075.14	1.461e+04	-3.606e+04
441	251	-223.79	4745.72	5.04e-04	-240.00	0.0	789.79	-1047.45	10.60	1730.74	3898.12	-223.79
		-4.352e+04	3898.12	-1.25e-03	0.0	80.0	789.79	-1287.45	10.60	1730.74	4745.72	-4.352e+04
441	259	2046.26	4787.18	3.29e-04	-240.00	0.0	175.05	-277.54	42.44	-5284.72	1392.22	2046.26
		-1.825e+04	1392.22	-2.78e-03	0.0	80.0	175.05	-517.54	42.44	-5284.72	4787.18	-1.825e+04
441	270	8299.00	1.477e+04	3.62e-04	-240.00	0.0	344.86	-777.12	159.42	-1004.34	2018.85	8299.00
		-3.707e+04	2018.85	-3.61e-03	0.0	80.0	344.86	-1017.12	159.42	-1004.34	1.477e+04	-3.707e+04
441	310	2018.43	1716.22	3.68e-04	-240.00	0.0	295.72	-295.53	4.60	-4012.80	1348.62	2018.43
		-2.019e+04	1348.62	-1.84e-03	0.0	80.0	295.72	-535.53	4.60	-4012.80	1716.22	-2.019e+04
441	311	5019.68	7508.58	2.63e-04	-240.00	0.0	267.11	-480.02	73.50	-3205.93	1628.64	5019.68
		-2.238e+04	1628.64	-2.79e-03	0.0	80.0	267.11	-720.02	73.50	-3205.93	7508.58	-2.238e+04
441	321	814.25	3493.77	3.84e-04	-240.00	0.0	657.44	-857.81	2.95	325.27	3258.07	814.25
		-3.382e+04	3258.07	-1.29e-03	0.0	80.0	657.44	-1097.81	2.95	325.27	3493.77	-3.382e+04
441	323	2516.80	3524.87	2.52e-04	-240.00	0.0	196.39	-280.37	26.83	-4936.33	1378.65	2516.80
		-1.487e+04	1378.65	-2.50e-03	0.0	80.0	196.39	-520.37	26.83	-4936.33	3524.87	-1.487e+04
441	324	2489.17	1415.90	2.81e-04	-240.00	0.0	282.89	-293.62	0.84	-4031.92	1348.62	2489.17
		-1.644e+04	1348.62	-1.84e-03	0.0	80.0	282.89	-533.62	0.84	-4031.92	1415.90	-1.644e+04
441	342	-2.507e+04	5596.70	1.16e-03	-240.00	0.0	1111.86	-165.82	50.28	-637.92	1974.79	-2.507e+04
		-3.461e+04	1974.79	3.27e-04	0.0	80.0	1111.86	-405.82	50.28	-637.92	5596.70	-3.461e+04
441	343	3.005e+04	722.46	-5.96e-04	-240.00	0.0	-546.08	-421.42	-48.60	-7425.92	722.46	3.005e+04
		1736.51	-2764.91	-4.00e-03	0.0	80.0	-546.08	-661.42	-48.60	-7425.92	-2764.91	1736.51
441	345	3.013e+04	1281.04	-5.89e-04	-240.00	0.0	-522.75	-421.40	-59.17	-7096.43	1281.04	3.013e+04
		1805.06	-3081.03	-3.80e-03	0.0	80.0	-522.75	-661.40	-59.17	-7096.43	-3081.03	1805.06
441	348	-2.515e+04	5912.82	1.15e-03	-240.00	0.0	1088.53	-165.84	60.86	-967.41	1416.20	-2.515e+04
		-3.468e+04	1416.20	-3.71e-04	0.0	80.0	1088.53	-405.84	60.86	-967.41	5912.82	-3.468e+04
441	374	-4277.78	1864.30	6.47e-04	-240.00	0.0	486.74	-262.28	4.79	-3747.05	1490.04	-4277.78
		-2.089e+04	1490.04	-1.60e-03	0.0	80.0	486.74	-502.28	4.79	-3747.05	1864.30	-2.089e+04
441	375	9256.12	1207.20	-8.41e-05	-240.00	0.0	79.04	-324.96	-3.11	-4316.79	1207.20	9256.12
		-1.198e+04	967.49	-2.07e-03	0.0	80.0	79.04	-564.96	-3.11	-4316.79	967.49	-1.198e+04
441	377	9294.98	1490.05	-8.05e-05	-240.00	0.0	90.80	-324.95	-8.49	-4151.43	1490.05	9294.98
		-1.194e+04	805.44	-1.97e-03	0.0	80.0	90.80	-564.95	-8.49	-4151.43	805.44	-1.194e+04
441	380	-4316.64	2026.35	6.43e-04	-240.00	0.0	474.98	-262.30	10.17	-3912.41	1207.20	-4316.64
		-2.093e+04	1207.20	-1.70e-03	0.0	80.0	474.98	-502.30	10.17	-3912.41	2026.35	-2.093e+04
442	81	1.102e+04	1.743e+04	5.00e-04	-324.00	0.0	579.99	-1058.50	184.19	-428.25	2693.07	1.102e+04
		-5.114e+04	2693.07	-4.12e-03	0.0	80.0	579.99	-1382.50	184.19	-428.25	1.743e+04	-5.114e+04
442	105	8021.84	1.985e+04	6.69e-04	-324.00	0.0	1259.38	-2059.37	171.62	7159.53	6120.85	8021.84
		-7.854e+04	6120.85	-3.47e-03	0.0	80.0	1259.38	-2383.37	171.62	7159.53	1.985e+04	-7.854e+04
442	127	8554.39	2.558e+04	5.24e-04	-324.00	0.0	646.76	-1650.92	266.18	5543.19	4284.48	8554.39
		-6.767e+04	4284.48	-4.39e-03	0.0	80.0	646.76	-1974.92	266.18	5543.19	2.558e+04	-6.767e+04
442	146	2251.60	3290.89	4.25e-04	-240.00	0.0	279.58	-299.19	24.21	-4175.16	1353.97	2251.60
		-2.305e+04	1353.97	-2.17e-03	0.0	80.0	279.58	-539.19	24.21	-4175.16	3290.89	-2.305e+04
442	206	2960.07	1334.30	2.87e-04	-240.00	0.0	305.31	-292.12	-1.07	-3953.44	1334.30	2960.07
		-1.601e+04	1248.81	-1.78e-03	0.0	80.0	305.31	-532.12	-1.07	-3953.44	1248.81	-1.601e+04
442	208	1879.83	2305.77	3.87e-04	-240.00	0.0	285.38	-294.98	11.89	-4139.17	1354.83	1879.83
		-2.109e+04	1354.83	-2.00e-03	0.0	80.0	285.38	-534.98	11.89	-4139.17	2305.77	-2.109e+04
442	210	6443.69	1.866e+04	3.65e-04	-240.00	0.0	487.86	-1217.81	193.65	4049.24	3170.33	6443.69
		-4.865e+04	3170.33	-3.21e-03	0.0	80.0	487.86	-1457.81	193.65	4049.24	1.866e+04	-4.865e+04
442	243	2003.10	5507.13	3.22e-04	-240.00	0.0	199.33	-292.12	51.38	-4902.30	1396.38	2003.10
		-2.165e+04	1396.38	-2.69e-03	0.0	80.0	199.33	-532.12	51.38	-4902.30	5507.13	-2.165e+04
442	259	-188.01	4942.71	4.73e-04	-240.00	0.0	761.44	-1035.62	12.97	1279.15	3905.52	-188.01
		-4.072e+04	3905.52	-1.46e-03	0.0	80.0	761.44	-1275.62	12.97	1279.15	4942.71	-4.072e+04
442	270	6442.30	1.882e+04	3.78e-04	-240.00	0.0	482.37	-1222.16	195.59	4120.20	3171.27	6442.30
		-4.956e+04	3171.27	-3.22e-03	0.0	80.0	482.37	-1462.16	195.59	4120.20	1.882e+04	-4.956e+04
442	310	2040.35	1680.24	3.62e-04	-240.00	0.0	295.02	-295.16	4.15	-4009.16	1347.89	2040.35
		-1.972e+04	1347.89	-1.87e-03	0.0	80.0	295.02	-535.16	4.15	-4009.16	1680.24	-1.972e+04
442	311	3619.92	1.038e+04	2.80e-04	-240.00	0.0	376.74	-814.70	98.57	699.53	2490.36	3619.92
		-3.198e+04	2490.36	-2.31e-03	0.0	80.0	376.74	-1054.70	98.57	699.53	1.038e+04	-3.198e+04
442	319	2471.96	3886.73	2.52e-04	-240.00	0.0	221.28	-291.78	31.35	-4597.96	1379.05	2471.96
		-1.767e+04	1379.05	-2.36e-03	0.0	80.0	221.28	-531.78	31.35	-4597.96	3886.73	-1.767e+04

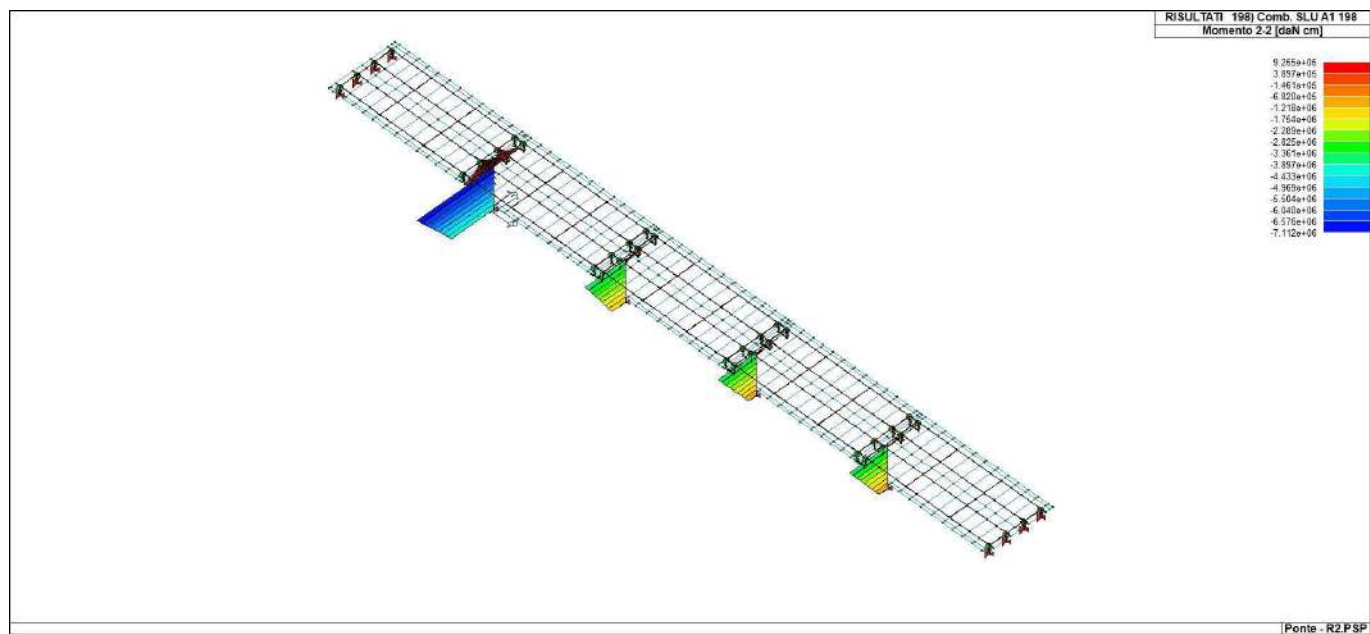
442	323	828.62	3463.42	3.66e-04	-240.00	0.0	642.86	-849.41	2.53	38.13	3260.90	828.62
		-3.198e+04	3260.90	-1.40e-03	0.0	80.0	642.86	-1089.41	2.53	38.13	3463.42	-3.198e+04
442	324	2492.56	1420.87	2.81e-04	-240.00	0.0	282.75	-293.52	0.91	-4031.09	1347.89	2492.56
		-1.643e+04	1347.89	-1.84e-03	0.0	80.0	282.75	-533.52	0.91	-4031.09	1420.87	-1.643e+04
442	334	1590.64	3870.73	5.26e-04	-240.00	0.0	431.02	-242.88	-40.05	-3118.07	3870.73	1590.64
		-1.680e+04	593.43	-1.54e-03	0.0	80.0	431.02	-482.88	-40.05	-3118.07	593.43	-1.680e+04
442	335	3394.48	2248.32	3.68e-05	-240.00	0.0	134.47	-344.16	41.88	-4944.10	-1174.96	3394.48
		-1.606e+04	-1174.96	-2.14e-03	0.0	80.0	134.47	-584.16	41.88	-4944.10	2248.32	-1.606e+04
442	342	-7404.39	2569.40	1.00e-03	-240.00	0.0	572.83	-245.30	6.01	-4671.28	2167.28	-7404.39
		-2.255e+04	2167.28	-3.58e-03	0.0	80.0	572.83	-485.30	6.01	-4671.28	2569.40	-2.255e+04
442	343	1.239e+04	528.49	-4.37e-04	-240.00	0.0	-7.33	-341.74	-4.19	-3390.89	528.49	1.239e+04
		-1.031e+04	272.34	-1.03e-04	0.0	80.0	-7.33	-581.74	-4.19	-3390.89	272.34	-1.031e+04
442	348	-7392.45	3345.77	9.87e-04	-240.00	0.0	530.46	-269.22	34.03	-5403.48	665.94	-7392.45
		-2.348e+04	665.94	-4.10e-03	0.0	80.0	530.46	-509.22	34.03	-5403.48	3345.77	-2.348e+04
442	365	4721.20	2610.33	2.04e-04	-240.00	0.0	280.69	-277.98	-24.47	-3458.78	2610.33	4721.20
		-1.475e+04	624.06	-1.28e-03	0.0	80.0	280.69	-517.98	-24.47	-3458.78	624.06	-1.475e+04
442	368	263.93	2217.69	3.58e-04	-240.00	0.0	284.80	-309.05	26.30	-4603.40	85.44	263.93
		-1.812e+04	85.44	-2.40e-03	0.0	80.0	284.80	-549.05	26.30	-4603.40	2217.69	-1.812e+04
442	374	-1992.04	1726.61	5.93e-04	-240.00	0.0	416.01	-271.48	-0.34	-3723.00	1726.61	-1992.04
		-1.914e+04	1689.59	-2.09e-03	0.0	80.0	416.01	-511.48	-0.34	-3723.00	1689.59	-1.914e+04
442	375	6977.16	1152.16	-3.09e-05	-240.00	0.0	149.48	-315.56	2.16	-4339.18	969.16	6977.16
		-1.373e+04	969.16	-1.58e-03	0.0	80.0	149.48	-555.56	2.16	-4339.18	1152.16	-1.373e+04
442	380	-1986.74	2085.20	5.87e-04	-240.00	0.0	394.44	-283.69	13.84	-4090.20	969.15	-1986.74
		-1.960e+04	969.15	-2.35e-03	0.0	80.0	394.44	-523.69	13.84	-4090.20	2085.20	-1.960e+04
443	7	1.014e+04	-5540.44	9.74e-04	-324.00	0.0	1342.13	-2050.12	-202.74	-7248.44	-5540.44	1.014e+04
		-7.610e+04	-2.176e+04	4.03e-03	0.0	80.0	1342.13	-2374.12	-202.74	-7248.44	-2.176e+04	-7.610e+04
443	65	1.193e+04	-2429.77	6.76e-04	-324.00	0.0	709.68	-1096.00	-193.42	-638.42	-2429.77	1.193e+04
		-4.576e+04	-1.790e+04	3.74e-03	0.0	80.0	709.68	-1420.00	-193.42	-638.42	-1.790e+04	-4.576e+04
443	105	9677.17	-3889.59	7.74e-04	-324.00	0.0	800.84	-1658.92	-288.45	-6144.12	-3889.59	9677.17
		-6.539e+04	-2.697e+04	4.57e-03	0.0	80.0	800.84	-1982.92	-288.45	-6144.12	-2.697e+04	-6.539e+04
443	127	1.016e+04	-5541.15	9.73e-04	-324.00	0.0	1334.29	-2055.62	-205.55	-7329.02	-5541.15	1.016e+04
		-7.759e+04	-2.199e+04	4.04e-03	0.0	80.0	1334.29	-2379.62	-205.55	-7329.02	-2.199e+04	-7.759e+04
443	144	2404.76	-1242.94	3.10e-04	-240.00	0.0	337.91	-328.05	-32.18	3751.22	-1242.94	2404.76
		-2.267e+04	-3817.65	1.91e-03	0.0	80.0	337.91	-568.05	-32.18	3751.22	-3817.65	-2.267e+04
443	206	3280.75	-1217.48	3.15e-04	-240.00	0.0	353.48	-319.50	-8.78	3526.10	-1217.48	3280.75
		-1.413e+04	-1920.22	1.66e-03	0.0	80.0	353.48	-559.50	-8.78	3526.10	-1920.22	-1.413e+04
443	207	2293.00	-1240.92	3.09e-04	-240.00	0.0	335.51	-320.93	-20.52	3782.68	-1240.92	2293.00
		-1.841e+04	-2882.74	1.83e-03	0.0	80.0	335.51	-560.93	-20.52	3782.68	-2882.74	-1.841e+04
443	210	7625.96	-4101.37	7.22e-04	-240.00	0.0	996.15	-1518.45	-148.82	-5398.65	-4101.37	7625.96
		-5.588e+04	-1.601e+04	2.97e-03	0.0	80.0	996.15	-1758.45	-148.82	-5398.65	-1.601e+04	-5.588e+04
443	255	1682.54	-1316.31	2.99e-04	-240.00	0.0	266.22	-311.48	-57.55	4806.11	-1316.31	1682.54
		-1.586e+04	-5920.04	2.61e-03	0.0	80.0	266.22	-551.48	-57.55	4806.11	-5920.04	-1.586e+04
443	270	7634.11	-4101.84	7.22e-04	-240.00	0.0	990.93	-1522.11	-150.70	-5452.38	-4101.84	7634.11
		-5.687e+04	-1.616e+04	2.97e-03	0.0	80.0	990.93	-1762.11	-150.70	-5452.38	-1.616e+04	-5.687e+04
443	309	2848.63	-1229.55	3.10e-04	-240.00	0.0	332.80	-321.34	-10.93	3594.22	-1229.55	2848.63
		-1.446e+04	-2103.59	1.71e-03	0.0	80.0	332.80	-561.34	-10.93	3594.22	-2103.59	-1.446e+04
443	311	4504.86	-3181.96	5.54e-04	-240.00	0.0	759.40	-1047.76	-65.72	-1774.67	-3181.96	4504.86
		-3.735e+04	-8439.88	2.15e-03	0.0	80.0	759.40	-1287.76	-65.72	-1774.67	-8439.88	-3.735e+04
443	322	2390.79	-1286.10	3.03e-04	-240.00	0.0	280.84	-314.25	-38.69	4361.80	-1286.10	2390.79
		-1.255e+04	-4381.57	2.30e-03	0.0	80.0	280.84	-554.25	-38.69	4361.80	-4381.57	-1.255e+04
443	324	2848.63	-1229.55	3.10e-04	-240.00	0.0	332.80	-321.34	-10.93	3594.22	-1229.55	2848.63
		-1.446e+04	-2103.59	1.71e-03	0.0	80.0	332.80	-561.34	-10.93	3594.22	-2103.59	-1.446e+04
443	326	2462.27	-741.69	3.59e-04	-240.00	0.0	478.52	-267.50	44.41	2583.63	-741.69	2462.27
		-1.439e+04	-4377.00	5.96e-04	0.0	80.0	478.52	-507.50	44.41	2583.63	-4377.00	-1.439e+04
443	327	3234.99	1917.89	2.62e-04	-240.00	0.0	187.08	-375.18	-66.26	4604.81	1917.89	3234.99
		-1.453e+04	-3465.50	2.91e-03	0.0	80.0	187.08	-615.18	-66.26	4604.81	-3465.50	-1.453e+04
443	344	-6459.70	-425.45	3.09e-04	-240.00	0.0	566.41	-298.04	-41.09	5179.45	-425.45	-6459.70
		-2.098e+04	-3562.82	1.99e-03	0.0	80.0	566.41	-538.04	-41.09	5179.45	-3562.82	-2.098e+04
443	345	1.219e+04	-665.49	3.12e-04	-240.00	0.0	102.27	-344.19	18.97	2009.12	-665.49	1.219e+04
		-8042.26	-2033.66	1.44e-03	0.0	80.0	102.27	-584.19	18.97	2009.12	-8042.26	-8042.26
443	346	-5099.70	-2290.77	3.36e-04	-240.00	0.0	611.13	-271.79	-5.91	4361.51	-2290.77	-5099.70
		-1.997e+04	-2593.28	1.29e-03	0.0	80.0	611.13	-511.79	-5.91	4361.51	-2593.28	-1.997e+04
443	347	1.080e+04	-168.33	2.84e-04	-240.00	0.0	54.47	-370.89	-15.94	2826.93	-168.33	1.080e+04
		-8948.54	-1613.90	2.14e-03	0.0	80.0	54.47	-610.89	-15.94	2826.93	-1613.90	-8948.54
443	360	624.72	334.00	2.87e-04	-240.00	0.0	330.01	-339.27	-41.57	4373.82	334.00	624.72
		-1.617e+04	-3009.55	2.30e-03	0.0	80.0	330.01	-579.27	-41.57	4373.82	-3009.55	-1.617e+04
443	363	2489.76	334.01	2.87e-04	-240.00	0.0	274.10	-346.12	-39.89	4176.27	334.01	2489.76
		-1.484e+04	-2874.96	2.30e-03	0.0	80.0	274.10	-586.12	-39.89	4176.27	-2874.96	-1.484e+04
443	376	-1124.92	-760.49	3.04e-04	-240.00	0.0	430.90	-314.72	-22.79	4122.33	-760.49	-1124.92
		-1.735e+04	-2589.17	1.89e-03	0.0	80.0	430.90	-554.72	-22.79	4122.33	-2589.17	-1.735e+04
443	377	6838.94	-1628.62	3.17e-04	-240.00	0.0	236.24	-327.74	0.81	3066.27	-1628.62	6838.94
		-1.162e+04	-1698.62	1.54e-03	0.0	80.0	236.24	-567.74	0.81	3066.27	-1698.62	-1.162e+04
443	378	-427.81	-1698.62	3.17e-04	-240.00	0.0	453.67	-301.37	-5.07	3712.92	-1698.62	-427.81
		-1.684e+04	-2098.50	1.54e-03	0.0	80.0	453.67	-541.37	-5.07	3712.92	-2098.50	-1.684e+04
443	379	6125.07	-760.49	3.04e-04	-240.00	0.0	211.93	-341.32	-16.79	3475.53	-760.49	6125.07
		-1.208e+04	-2108.69	1.89e-03	0.0	80.0	211.93	-581.32	-16.79	3475.53	-2108.69	-1.208e+04
444	17	2.356e+05	3.696e+04	6.41e-03	-324.00	0.0	8521.19	-7187.02	603.54	1.248e+04	-1.132e+04	2.356e+05

		-1.939e+05	-1.132e+04	-3.68e-03	0.0	80.0	8521.19	-7511.02	603.54	1.248e+04	3.696e+04	-1.939e+05
444	140	2.261e+05	2.271e+04	6.04e-03	-240.00	0.0	8154.97	-6415.56	440.28	8047.26	-1.251e+04	2.261e+05
		-1.698e+05	-1.251e+04	-1.67e-03	0.0	80.0	8154.97	-6655.56	440.28	8047.26	2.271e+04	-1.698e+05
444	206	3280.76	1920.21	3.15e-04	-240.00	0.0	353.48	-319.50	8.78	-3526.10	1217.48	3280.76
		-1.413e+04	1217.48	-1.66e-03	0.0	80.0	353.48	-559.50	8.78	-3526.10	1920.21	-1.413e+04
444	215	1.679e+05	1.738e+04	4.55e-03	-240.00	0.0	6114.76	-4832.92	328.92	4913.01	-8936.43	1.679e+05
		-1.283e+05	-8936.43	-1.67e-03	0.0	80.0	6114.76	-5072.92	328.92	4913.01	1.738e+04	-1.283e+05
444	231	1828.10	5087.57	3.01e-04	-240.00	0.0	282.51	-311.85	47.36	-4609.50	1298.57	1828.10
		-1.574e+04	1298.57	-2.43e-03	0.0	80.0	282.51	-551.85	47.36	-4609.50	5087.57	-1.574e+04
444	276	1.679e+05	1.753e+04	4.55e-03	-240.00	0.0	6109.53	-4836.58	330.80	4966.74	-8935.96	1.679e+05
		-1.293e+05	-8935.96	-1.68e-03	0.0	80.0	6109.53	-5076.58	330.80	4966.74	1.753e+04	-1.293e+05
444	312	1.269e+05	1.380e+04	3.49e-03	-240.00	0.0	4651.58	-3705.36	252.34	2747.88	-6386.41	1.269e+05
		-9.713e+04	-6386.41	-1.72e-03	0.0	80.0	4651.58	-3945.36	252.34	2747.88	1.380e+04	-9.713e+04
444	316	2358.96	4583.34	3.03e-04	-240.00	0.0	277.40	-314.55	41.17	-4394.01	1289.84	2358.96
		-1.274e+04	1289.84	-2.34e-03	0.0	80.0	277.40	-554.55	41.17	-4394.01	4583.34	-1.274e+04
444	324	2848.64	2103.59	3.10e-04	-240.00	0.0	332.80	-321.34	10.93	-3594.22	1229.55	2848.64
		-1.446e+04	1229.55	-1.71e-03	0.0	80.0	332.80	-561.34	10.93	-3594.22	2103.59	-1.446e+04
444	325	2404.40	3545.94	2.63e-04	-240.00	0.0	211.08	-371.62	67.09	-4786.95	-1907.73	2404.40
		-1.509e+04	-1907.73	-2.89e-03	0.0	80.0	211.08	-611.62	67.09	-4786.95	3545.94	-1.509e+04
444	328	3292.88	4366.84	3.58e-04	-240.00	0.0	454.53	-271.06	-45.24	-2401.49	661.24	3292.88
		-1.382e+04	661.24	-6.00e-04	0.0	80.0	454.53	-511.06	-45.24	-2401.49	4366.84	-1.382e+04
444	350	-5174.86	3075.19	2.97e-04	-240.00	0.0	532.23	-307.45	34.60	-4654.30	296.90	-5174.86
		-2.030e+04	296.90	-2.06e-03	0.0	80.0	532.23	-547.45	34.60	-4654.30	3075.19	-2.030e+04
444	353	9512.14	2101.52	2.97e-04	-240.00	0.0	88.66	-361.47	22.43	-3352.08	296.88	9512.14
		-9632.90	296.88	-2.07e-03	0.0	80.0	88.66	-601.47	22.43	-3352.08	2101.52	-9632.90
444	355	1.091e+04	2162.20	3.24e-04	-240.00	0.0	136.46	-334.78	-12.48	-2534.27	2162.20	1.091e+04
		-8726.62	1153.11	-1.36e-03	0.0	80.0	136.46	-574.78	-12.48	-2534.27	1153.11	-8726.62
444	356	-3814.86	2162.23	3.24e-04	-240.00	0.0	576.95	-281.21	-0.58	-3836.36	2162.23	-3814.86
		-1.928e+04	2105.66	-1.36e-03	0.0	80.0	576.95	-521.21	-0.58	-3836.36	2105.66	-1.928e+04
444	361	2804.76	2868.58	2.87e-04	-240.00	0.0	264.79	-347.19	39.81	-4179.82	-334.01	2804.76
		-1.461e+04	-334.01	-2.30e-03	0.0	80.0	264.79	-587.19	39.81	-4179.82	2868.58	-1.461e+04
444	362	624.73	3009.55	2.87e-04	-240.00	0.0	330.02	-339.27	41.57	-4373.82	-334.00	624.73
		-1.617e+04	-334.00	-2.30e-03	0.0	80.0	330.02	-579.27	41.57	-4373.82	3009.55	-1.617e+04
444	382	-1124.91	2589.17	3.04e-04	-240.00	0.0	430.90	-314.72	22.79	-4122.33	760.49	-1124.91
		-1.735e+04	760.49	-1.89e-03	0.0	80.0	430.90	-554.72	22.79	-4122.33	2589.17	-1.735e+04
444	385	6125.08	2108.69	3.04e-04	-240.00	0.0	211.93	-341.32	16.79	-3475.52	760.48	6125.08
		-1.208e+04	760.48	-1.89e-03	0.0	80.0	211.93	-581.32	16.79	-3475.52	2108.69	-1.208e+04
444	387	6838.96	1698.62	3.17e-04	-240.00	0.0	236.24	-327.74	-0.81	-3066.26	1698.62	6838.96
		-1.162e+04	1628.62	-1.54e-03	0.0	80.0	236.24	-567.74	-0.81	-3066.26	1628.62	-1.162e+04
444	388	-427.80	2098.49	3.17e-04	-240.00	0.0	453.67	-301.37	5.07	-3712.92	1698.63	-427.80
		-1.684e+04	1698.63	-1.54e-03	0.0	80.0	453.67	-541.37	5.07	-3712.92	2098.49	-1.684e+04

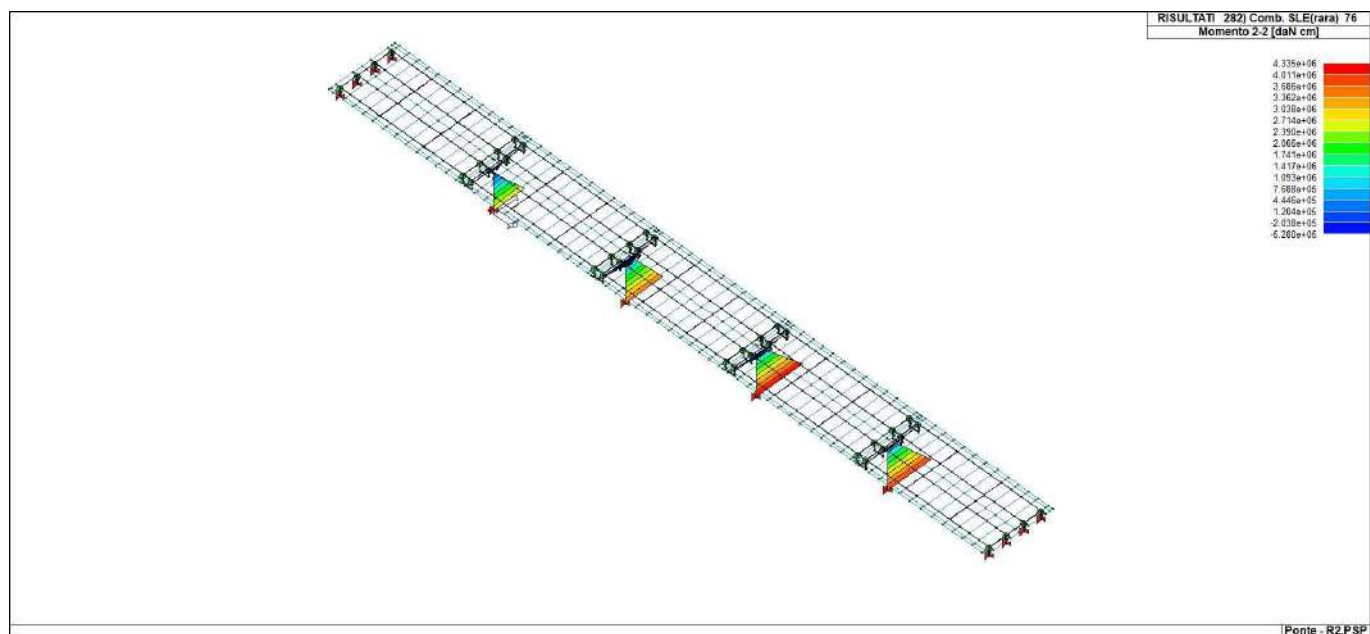
Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-2.691e+07	-1.162e+06	-0.42	-826.88	-3.553e+04	-1.337e+05	-1.786e+04	-2.533e+06
	5.535e+06	9.664e+05	0.42	255.72	2.671e+05	1.740e+05	1.787e+04	2.402e+06



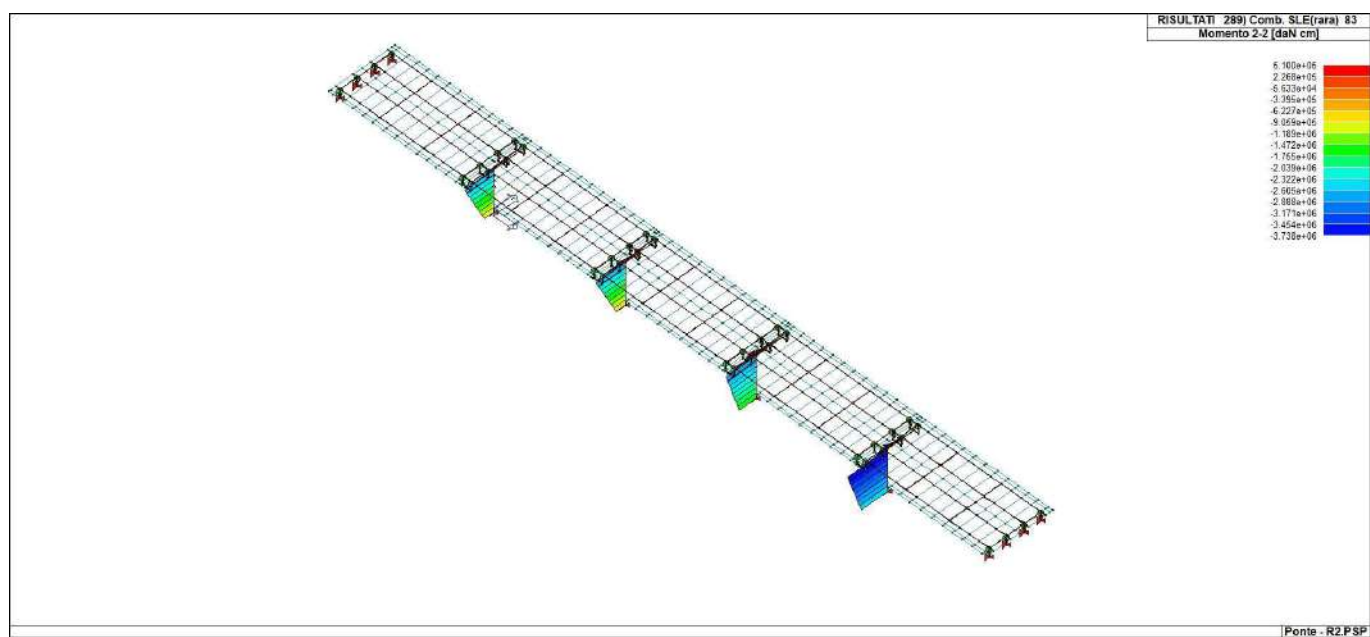
43_RIS_M2_141_Comb. SLU A1 141



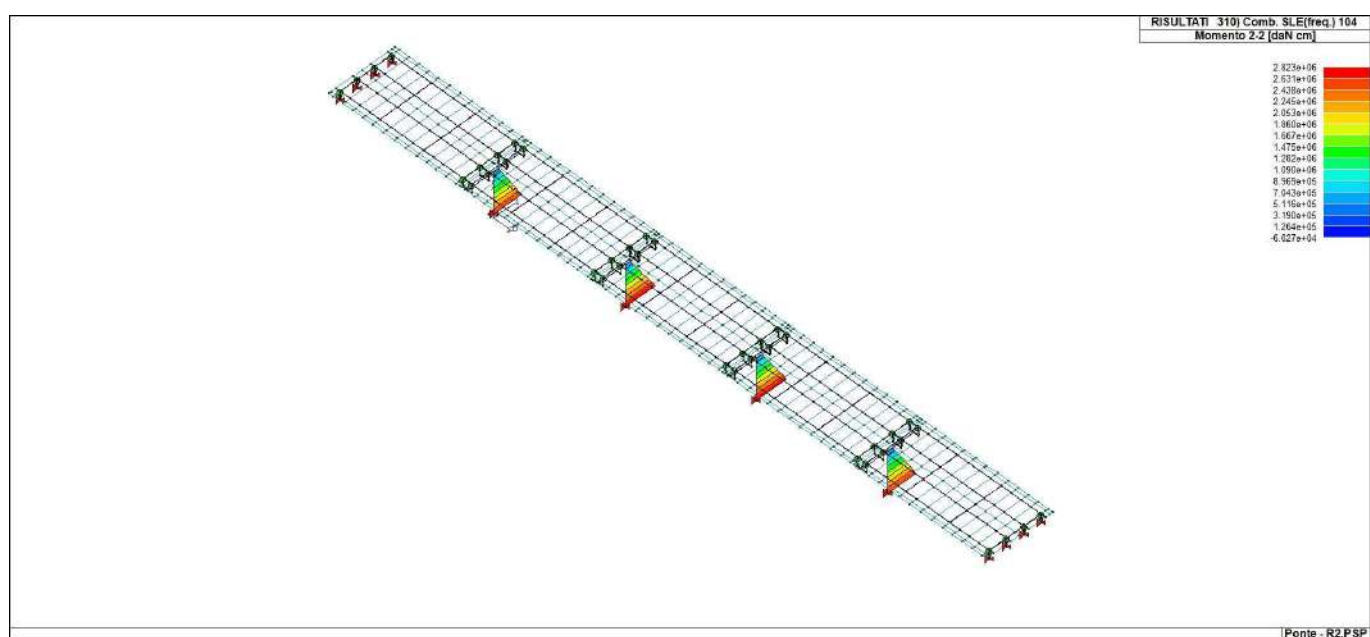
43_RIS_M2_198_Comb. SLU A1 198



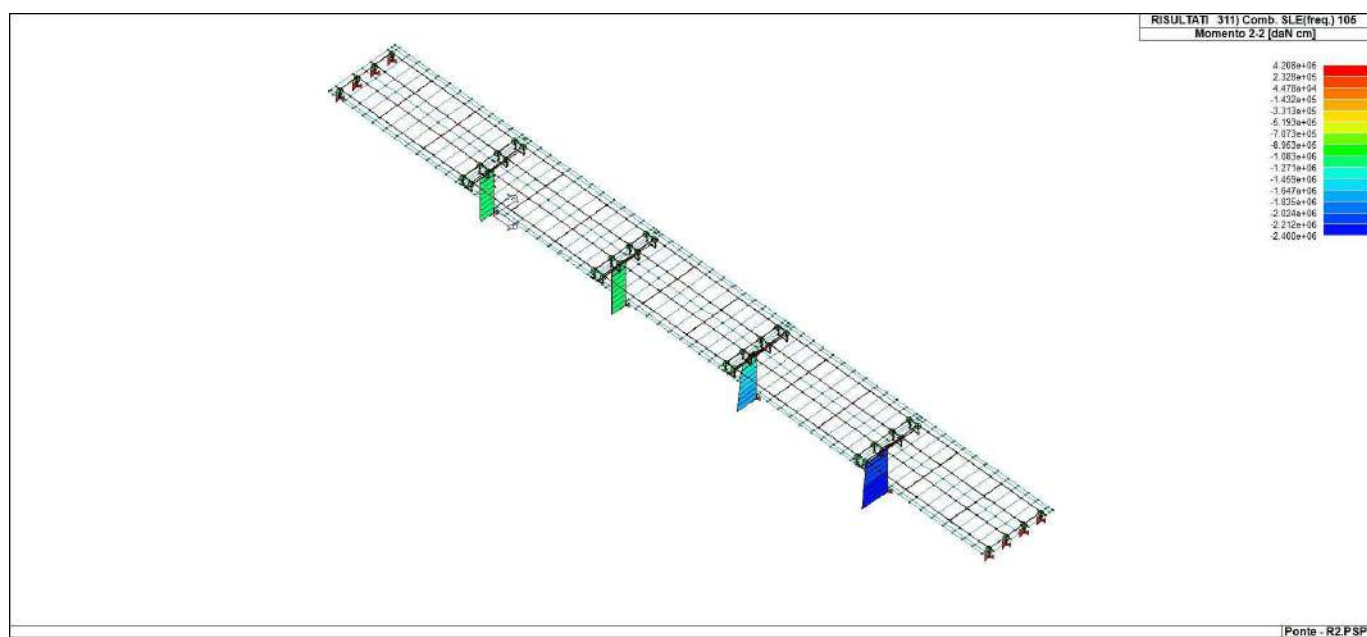
43_RIS_M2_282_Comb. SLE(rara) 76



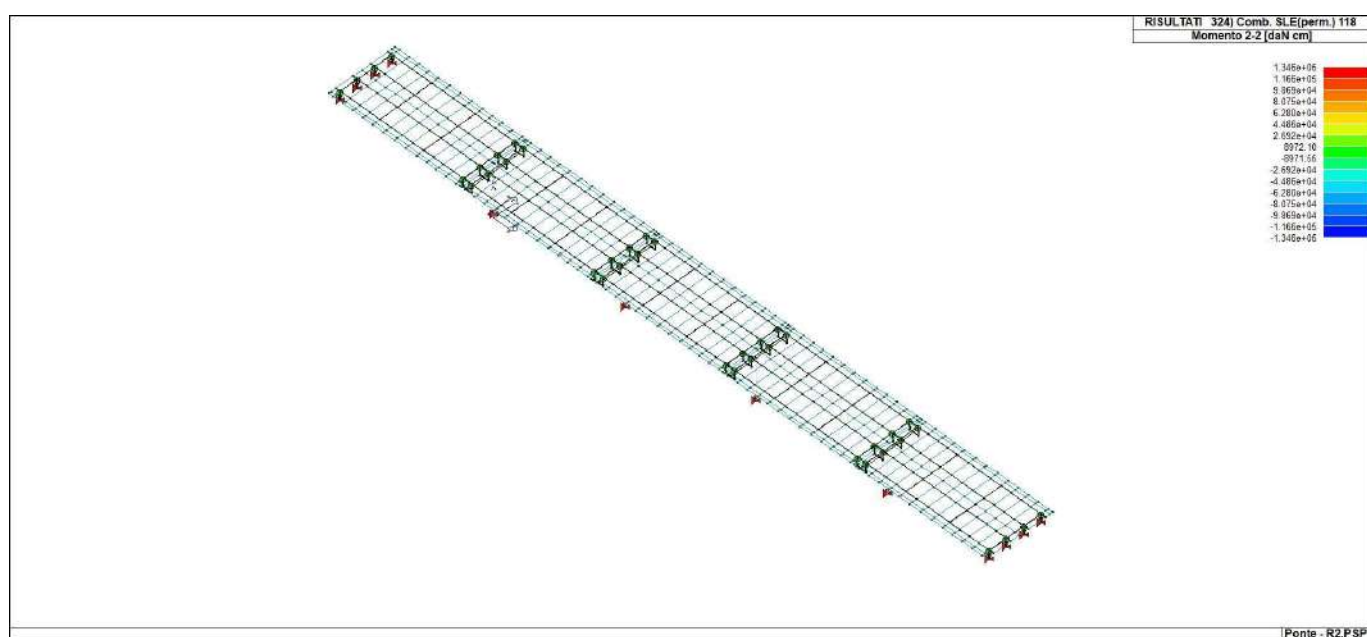
43_RIS_M2_289_Comb. SLE(rara) 83



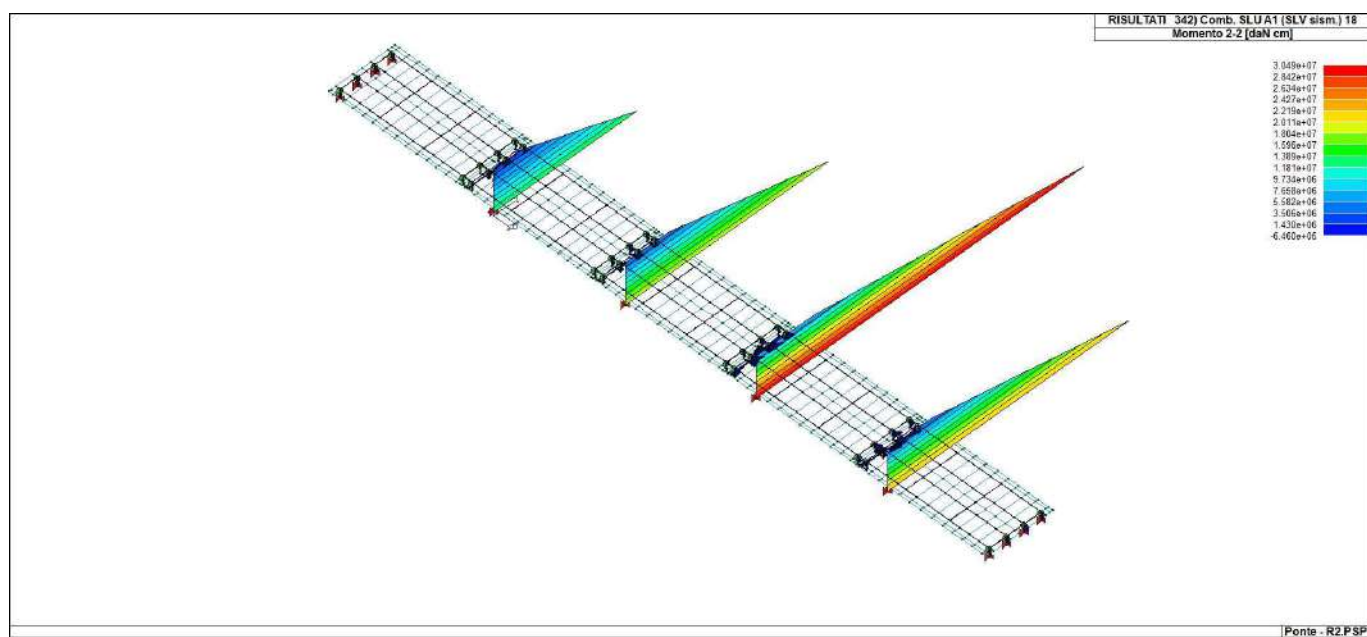
43_RIS_M2_310_Comb. SLE(freq.) 104



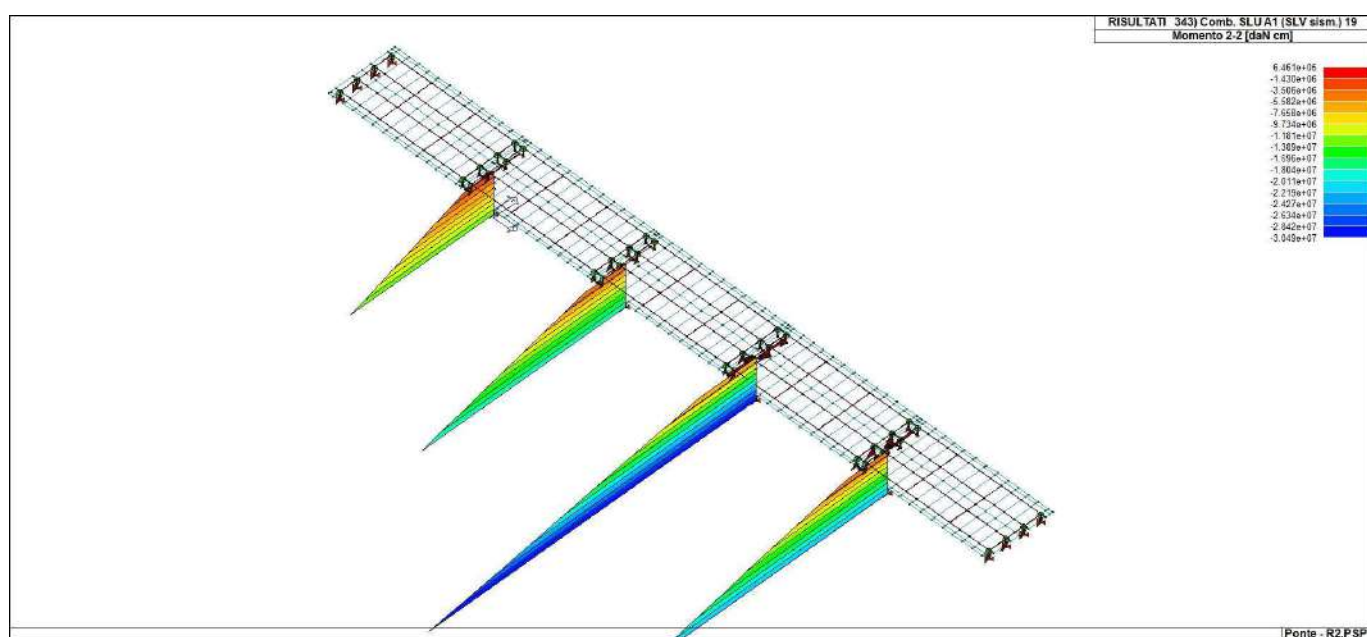
43_RIS_M2_311_Comb. SLE(freq.) 105



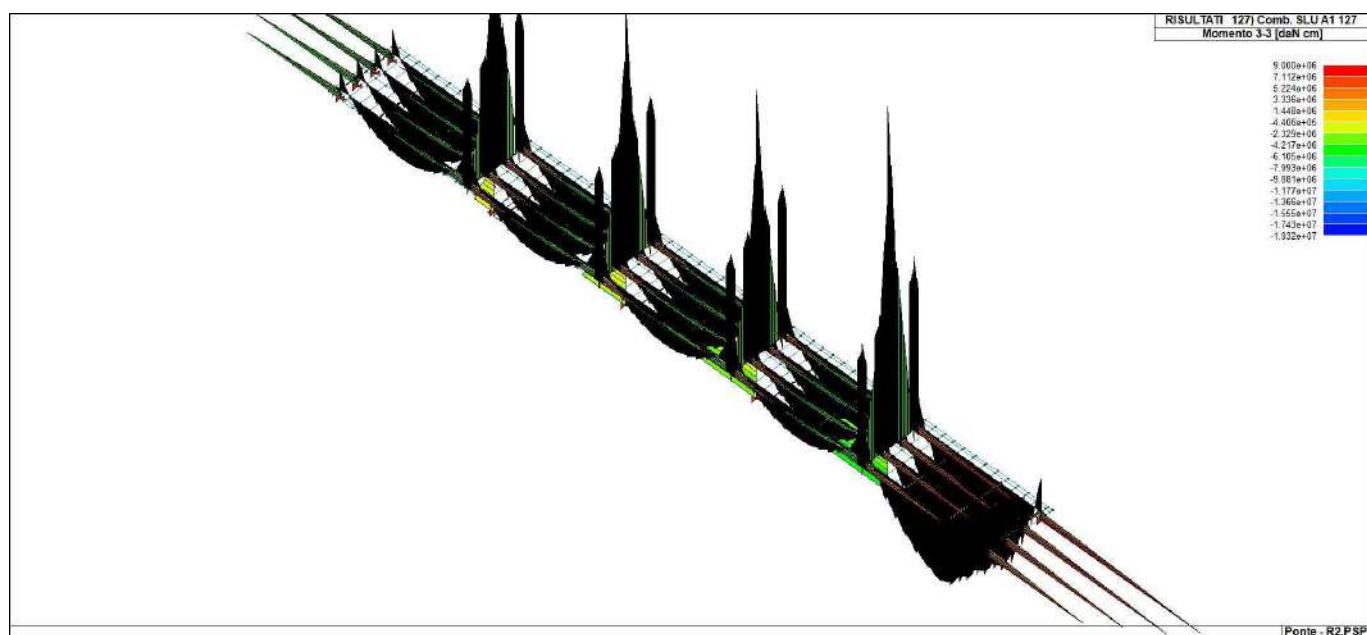
43_RIS_M2_324_Comb. SLE(perm.) 118



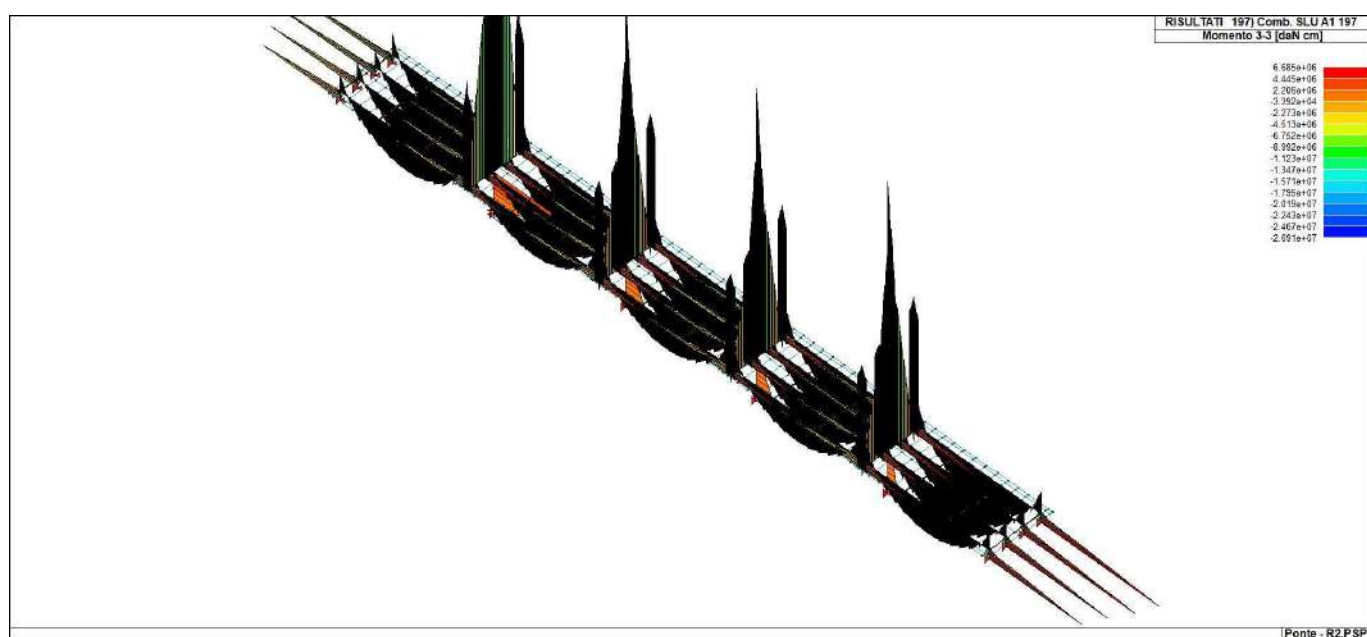
43_RIS_M2_342_Comb. SLU A1 (SLV sism.) 18



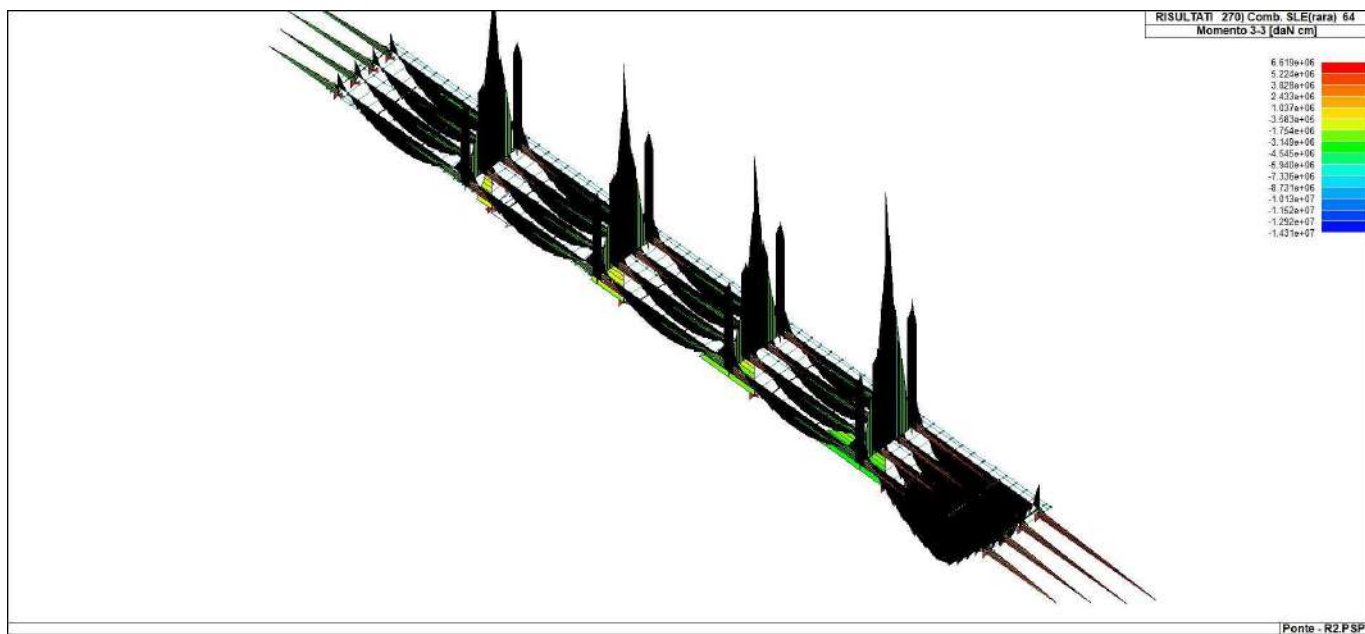
43_RIS_M2_343_Comb. SLU A1 (SLV sism.) 19



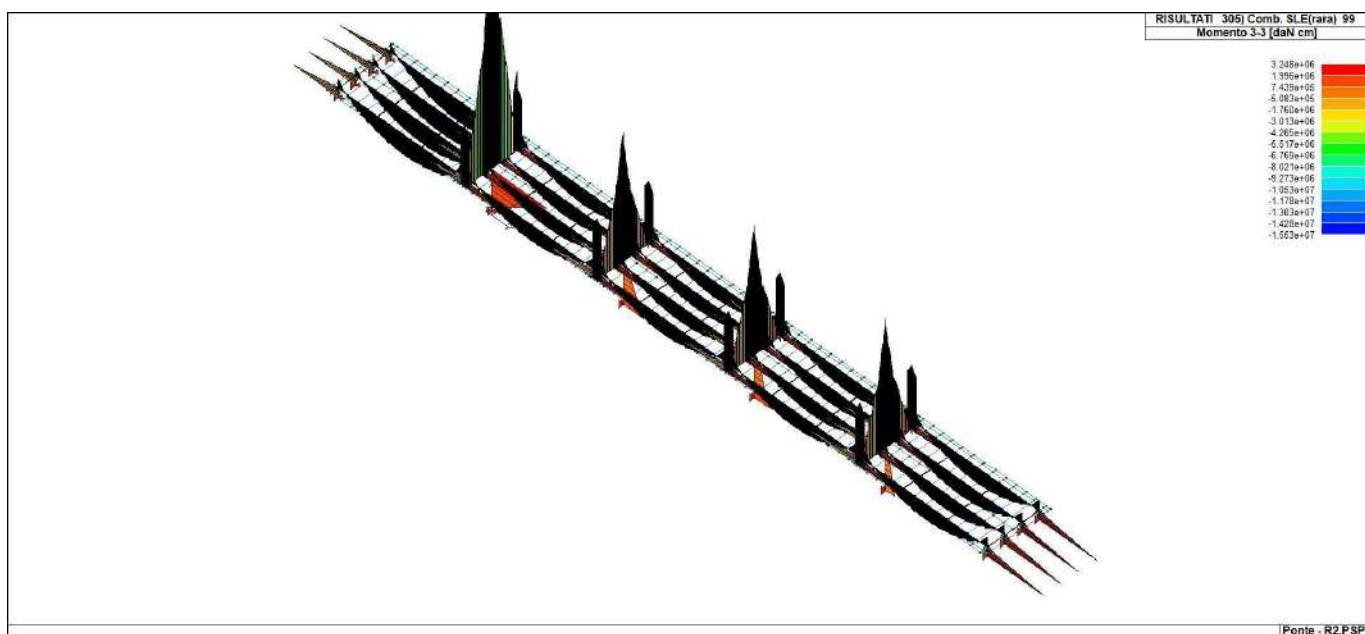
43_RIS_M3_127_Comb. SLU A1 127



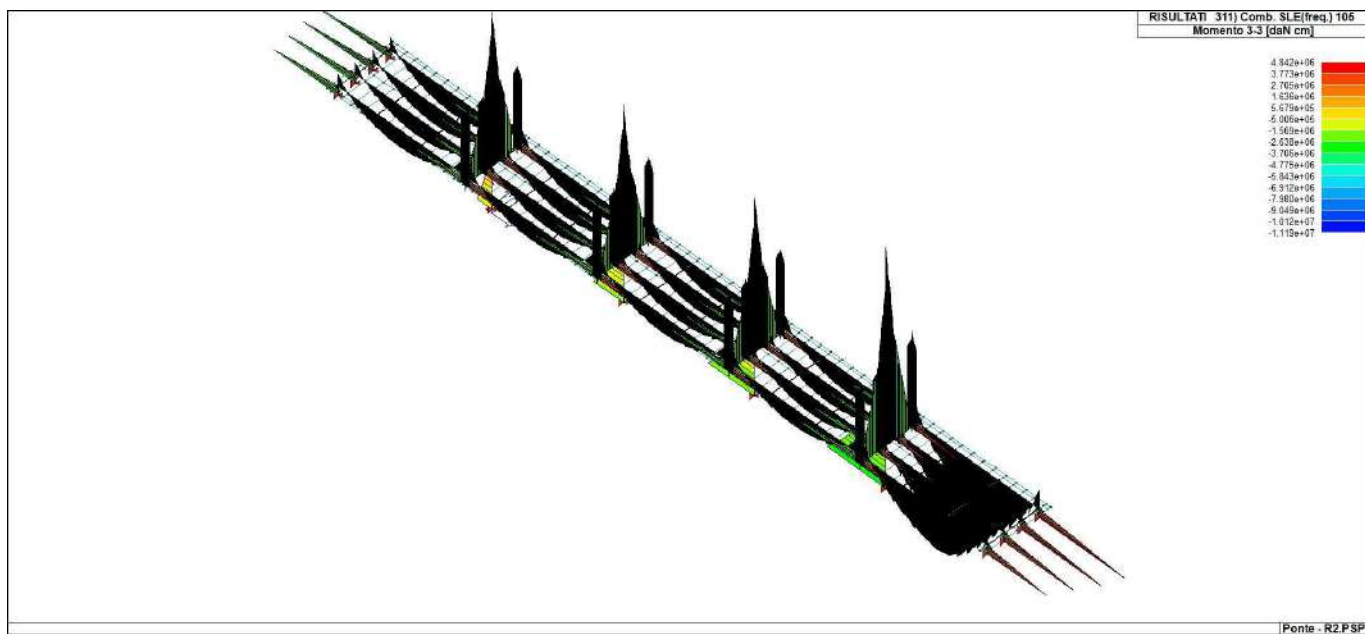
43_RIS_M3_197_Comb. SLU A1 197



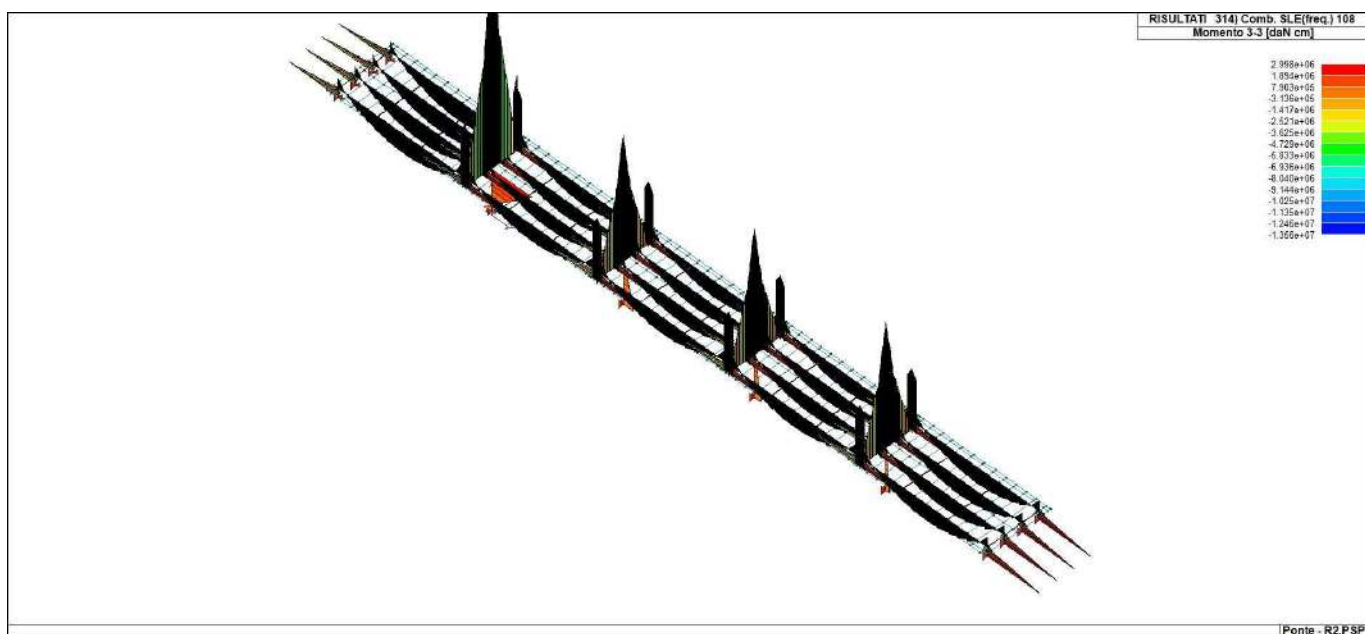
43_RIS_M3_270_Comb. SLE(rara) 64



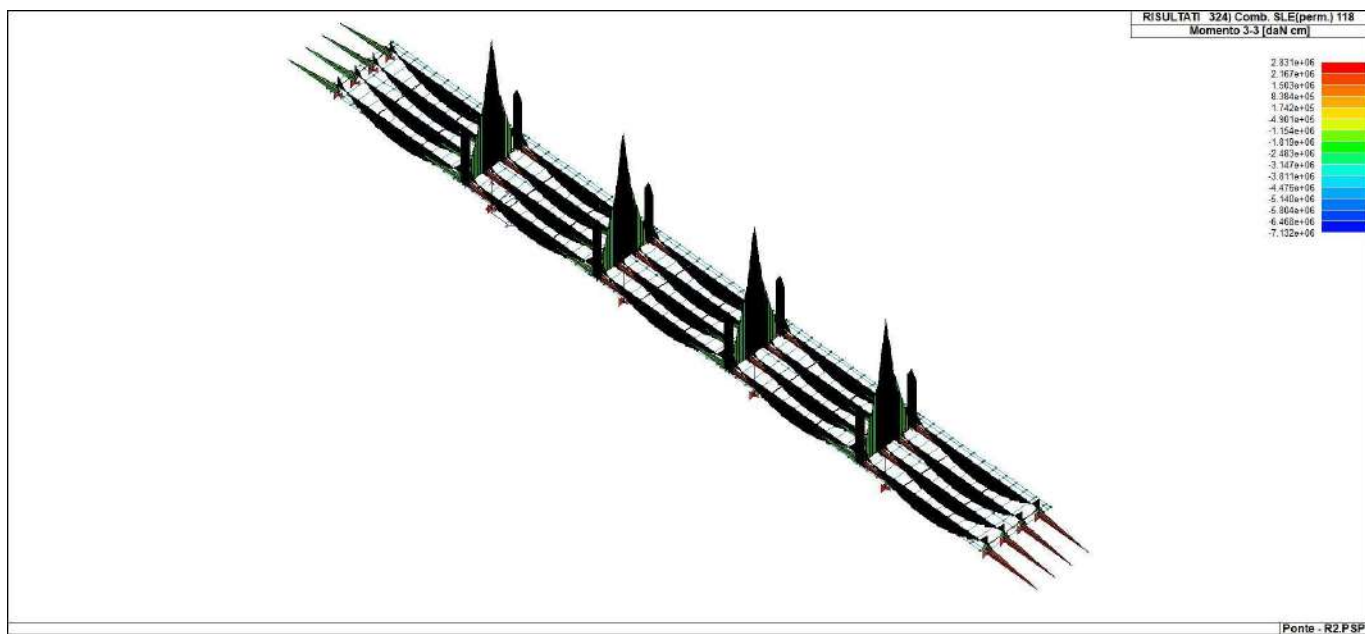
43_RIS_M3_305_Comb. SLE(rara) 99



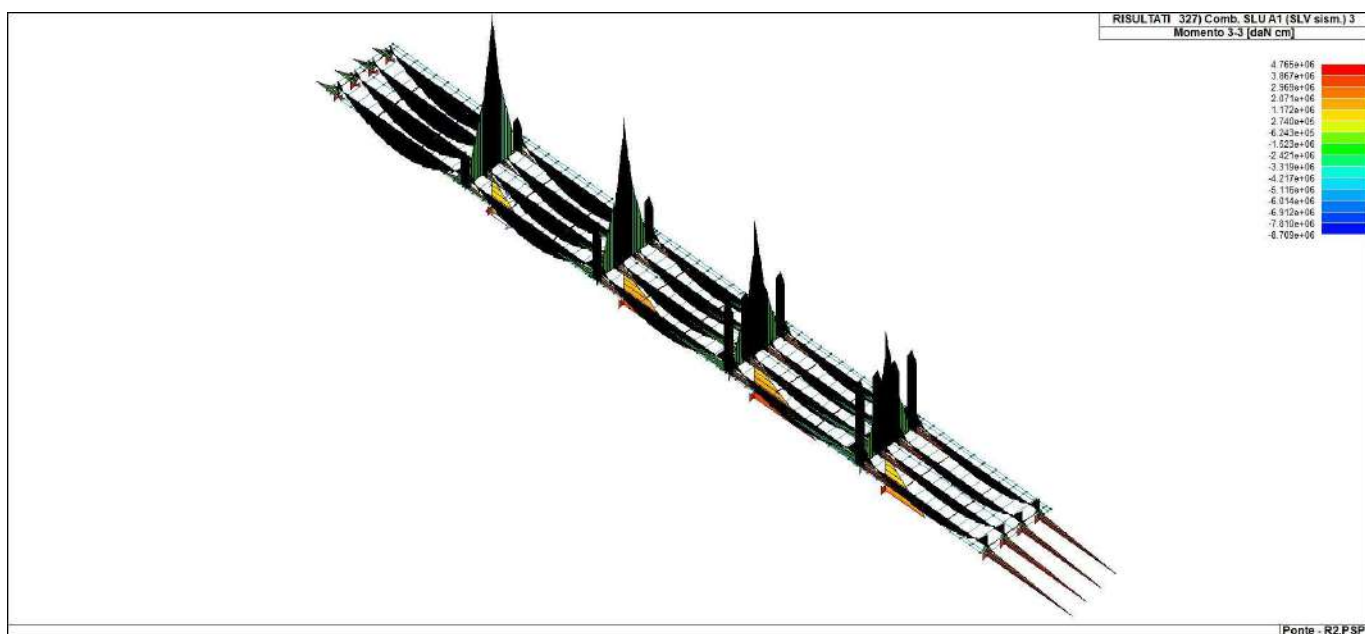
43_RIS_M3_311_Comb. SLE(freq.) 105



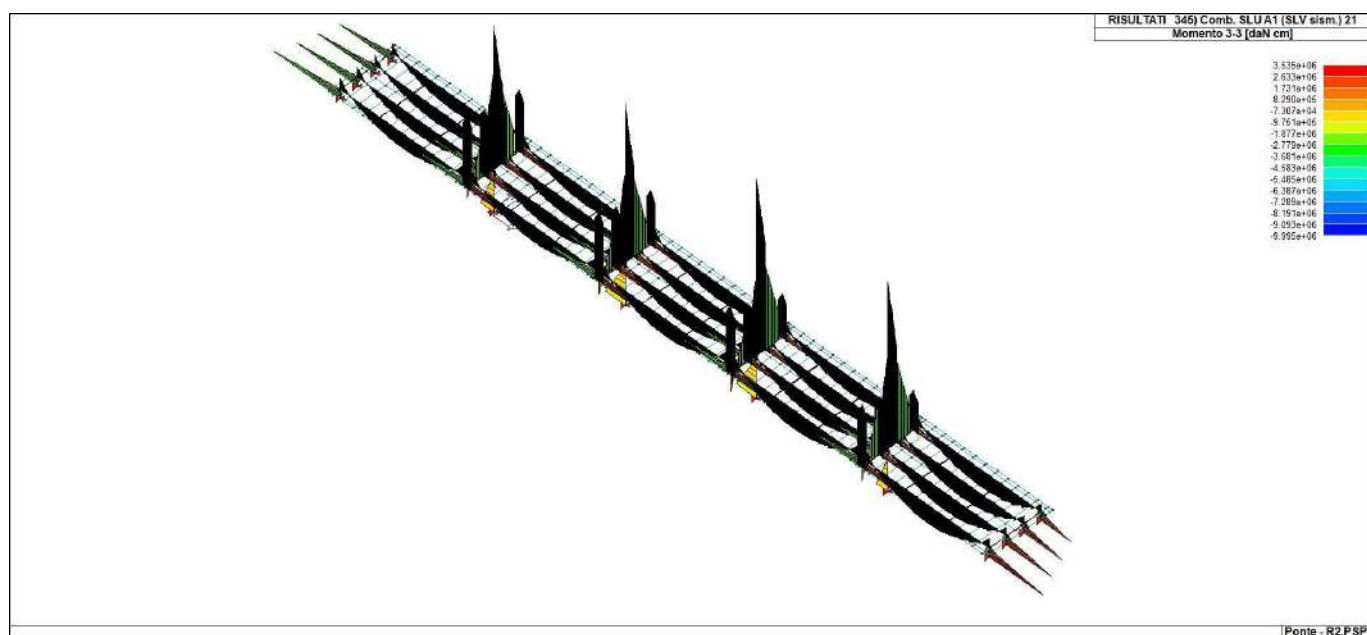
43_RIS_M3_314_Comb. SLE(freq.) 108



43_RIS_M3_324_Comb. SLE(perm.) 118



43_RIS_M3_327_Comb. SLU A1 (SLV sism.) 3



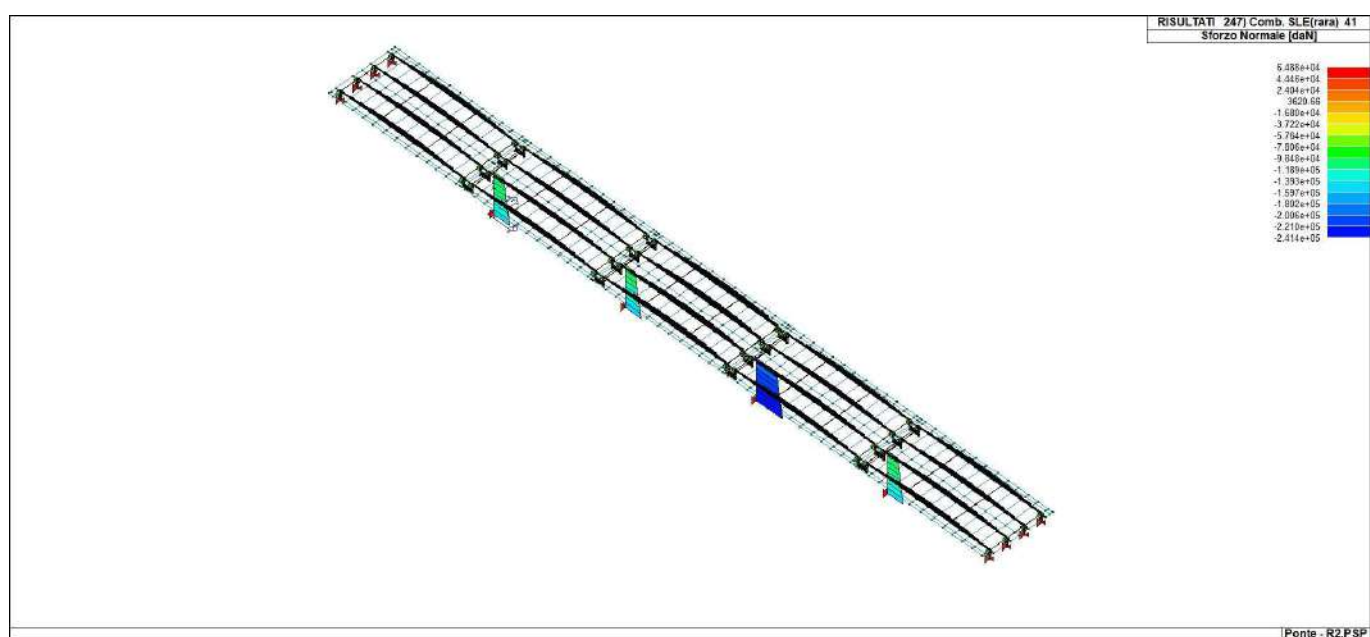
43_RIS_M3_345_Comb. SLU A1 (SLV sism.) 21



43_RIS_N_081_Comb. SLU A1 81



43_RIS_N_149_Comb. SLU A1 149



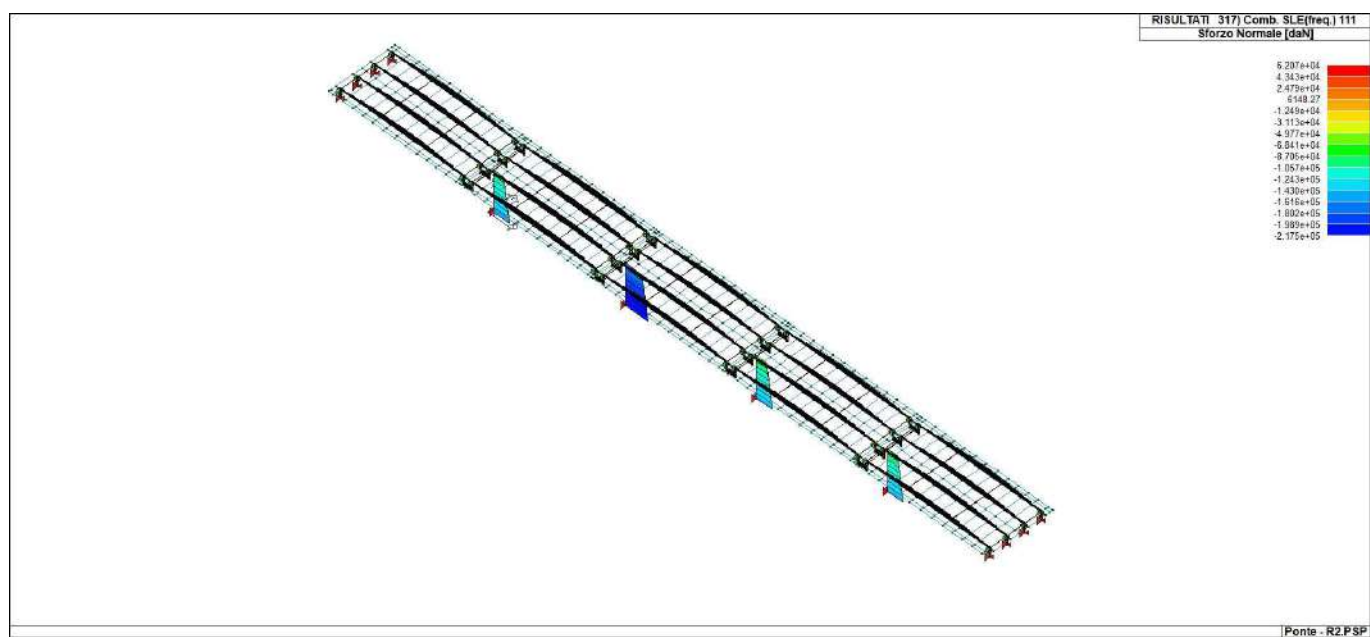
43_RIS_N_247_Comb. SLE(rara) 41



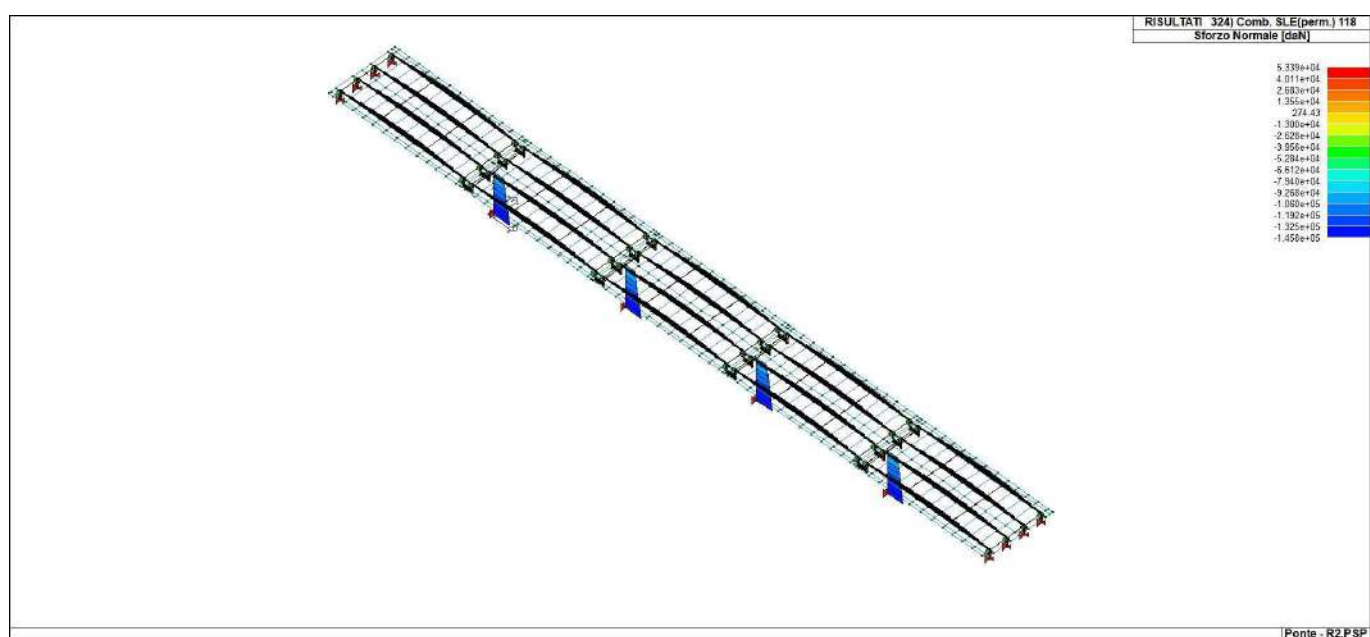
43_RIS_N_270_Comb. SLE(rara) 64



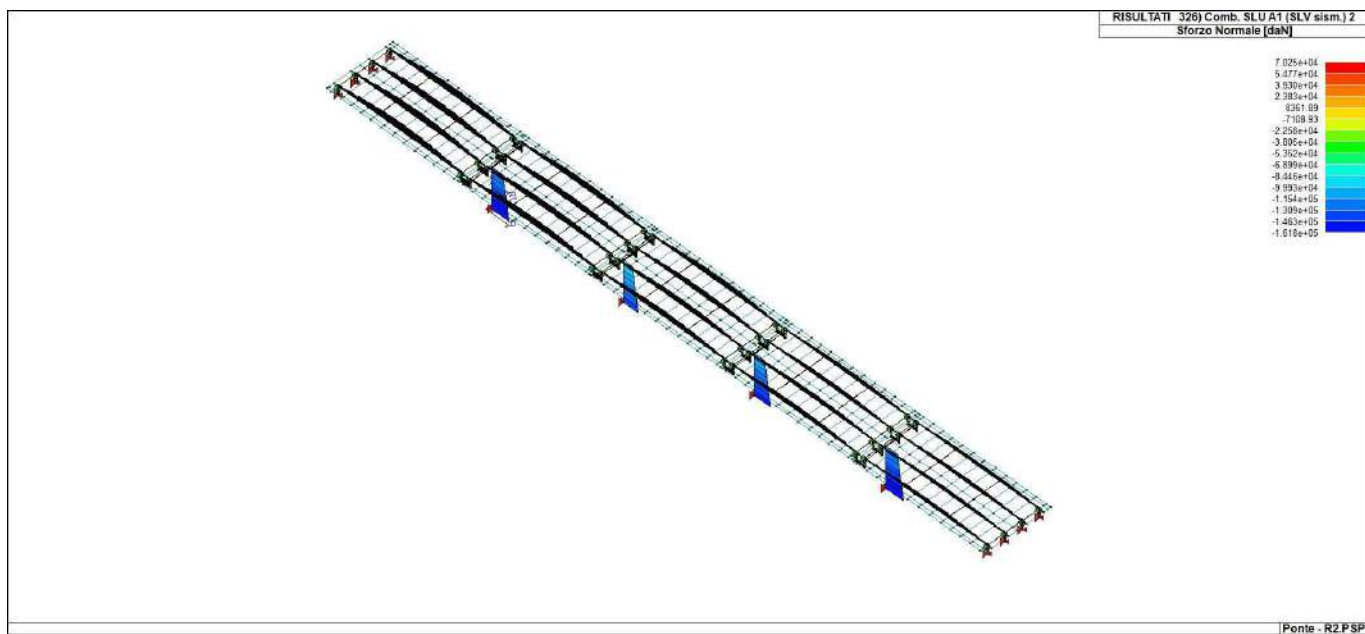
43_RIS_N_311_Comb. SLE(freq.) 105



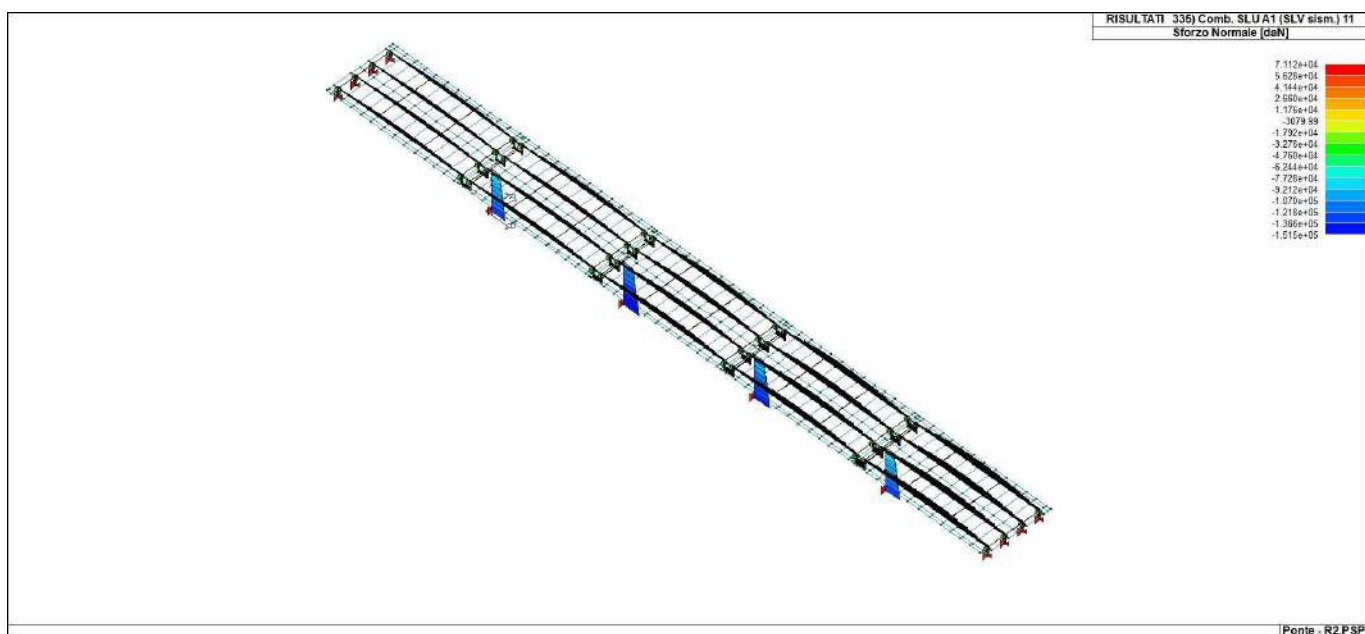
43_RIS_N_317_Comb. SLE(freq.) 111



43_RIS_N_324_Comb. SLE(perm.) 118



43_RIS_N_326_Comb. SLU A1 (SLV sism.) 2



43_RIS_N_335_Comb. SLU A1 (SLV sism.) 11