



Comune di Avellino

SETTORE LAVORI PUBBLICI

Piazza del Popolo - 83100 Avellino

Servizio "Unità per la Riqualificazione e
Rigenerazione delle Periferie"

PROGRAMMA COMPLESSIVO DI RIQUALIFICAZIONE URBANA E DI SICUREZZA DELLA CITTÀ DI AVELLINO: AMBITI RIONE PARCO - QUATTROGRANA - BELLIZZI.

RIQUALIFICAZIONE DELLA STRUTTURA SCOLASTICA
(EX CASERMA DEI VIGILI URBANI)
CUP: G17H03000130001



VERIFICA DELLA VULNERABILITÀ SISMICA

PROGETTISTI:

RTP Pica : ing. Pica Pasquale
ing. Zotti Annamaria
ing. Borzillo Pasquale

COORDINATORE SICUREZZA IN FASE DI PROGETTAZIONE
COORDINATORE SICUREZZA IN FASE ESECUTIVA

ing. De Lisio Generoso
ing. De Lisio Generoso

R.U.P.

STRUTTURA DI SUPPORTO AL R.U.P.:

GEOLOGIA:

arch. Antonietta Freda
geom. Filomena Caputo
geom. Gianluca Iannaccone
geol. De Masi Raffaello

Il Responsabile Servizio Unità per la Riqualificazione e Rigenerazione delle Periferie
ing. Diego Mauriello

Il Dirigente Settore LL.PP.
ing. Fernando Chiaradonna

Assessorato LL.PP.
ing. Costantino Preziosi

EL.02

Sommario

1.	PREMESSA.....	2
2.	DESCRIZIONE GENERALE DELL'OPERA.....	2
3.	MODELLO NUMERICO	5
4.	NORMATIVA DI RIFERIMENTO.....	9
5.	CARATTERISTICHE MATERIALI UTILIZZATI	10
6.	MODELLAZIONE DELLE SEZIONI.....	13
7.	MODELLAZIONE STRUTTURA: NODI.....	15
8.	MODELLAZIONE STRUTTURA: ELEMENTI TRAVE.....	18
9.	MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO	23
10.	MODELLAZIONE DELLE AZIONI	26
11.	SCHEMATIZZAZIONE DEI CASI DI CARICO	28
12.	DEFINIZIONE DELLE COMBINAZIONI	31
13.	AZIONE SISMICA	37
14.	Parametri della struttura.....	37
14.	RISULTATI ANALISI SISMICHE	38
15.	RISULTATI NODALI	84
16.	RISULTATI ELEMENTI TIPO TRAVE	132
17.	VERIFICHE ELEMENTI TRAVE C.A. "FRAGILI – $q = 1,50$ "	269
18.	VERIFICHE ELEMENTI TRAVE C.A. "DUTTILI – $q = 2,90$ "	291
19.	STATI LIMITE D' ESERCIZIO	311
1.1	VERIFICA SOLAI ESISTENTI.....	323
1.2	VERIFICA ELEMENTI SECONDARI	341

1. PREMESSA

La presente relazione di calcolo strutturale, in conformità al punto §10.1 del DM 14/01/08, 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.

Analisi storico-critica ed esito del rilievo geometrico-strutturale

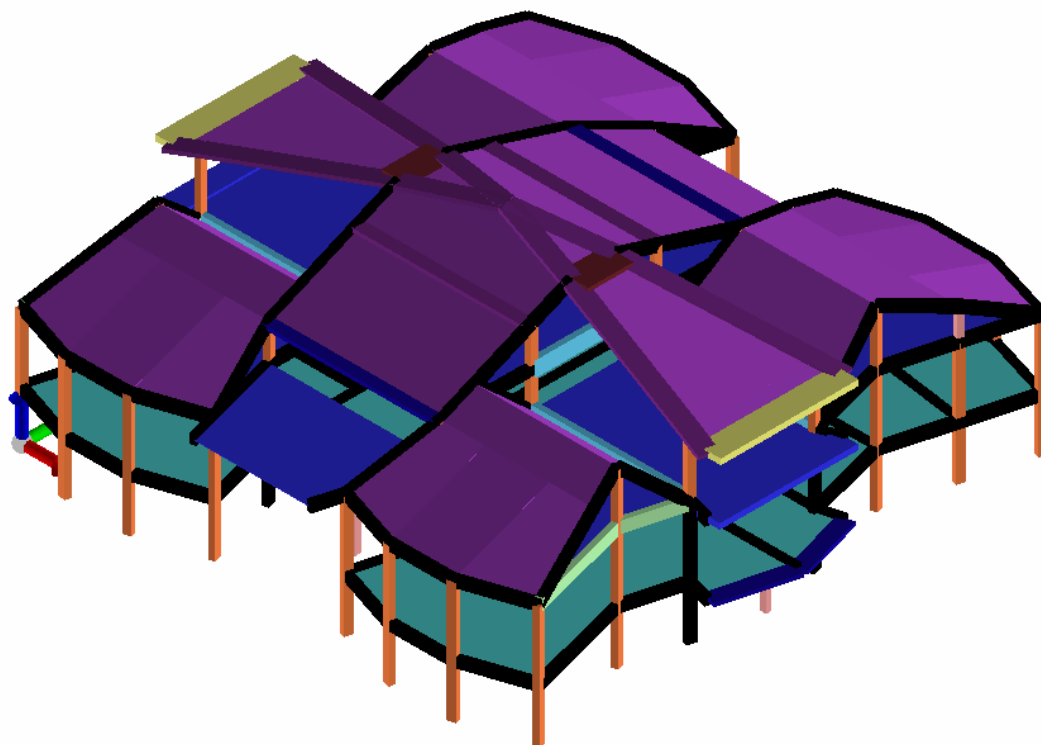
Per edifici esistenti, in coerenza con il paragrafo 8.2 delle NTC-08, l'analisi storico-critica ed il rilievo geometrico-strutturale devono evidenziare i seguenti aspetti: (a) la costruzione riflette lo stato delle conoscenze al tempo della sua realizzazione; (b) possono essere insiti e non palesi difetti 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.

Per maggiori dettagli si rimanda alla Relazione sulle indagini e alla Relazione illustrativa e di vulnerabilità sismica.

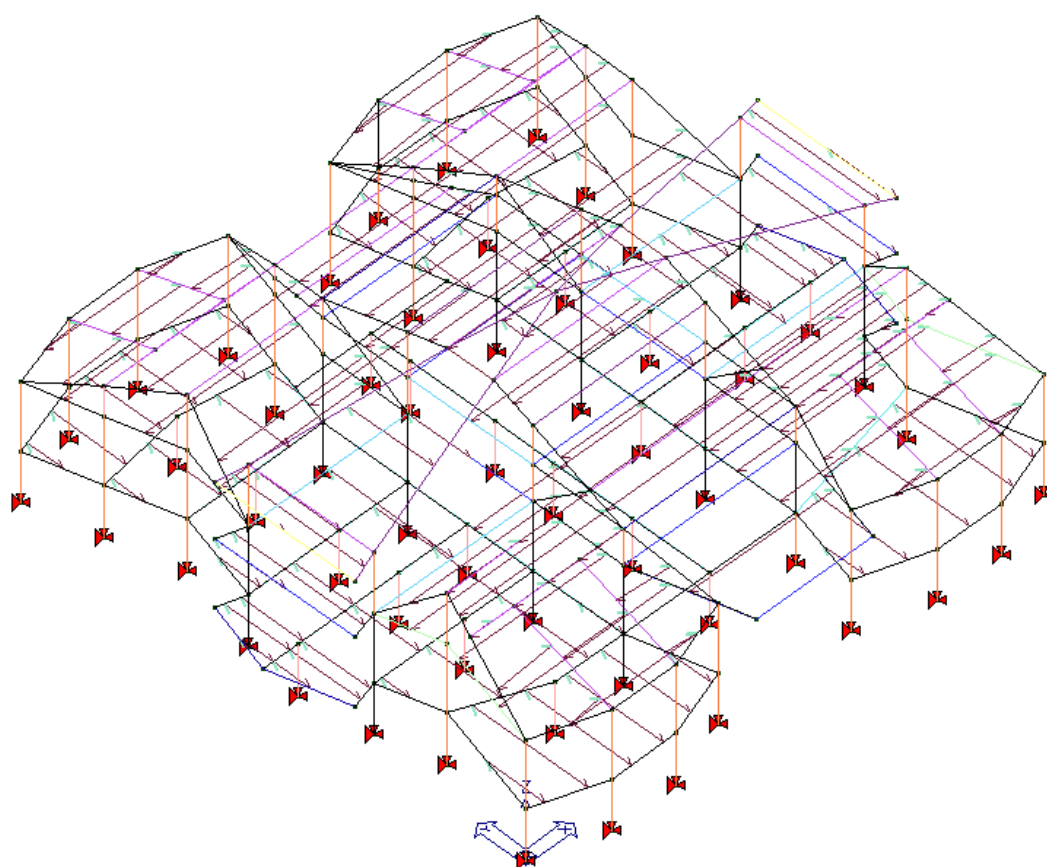
2. DESCRIZIONE GENERALE DELL'OPERA

Fabbricato ad uso	EDIFICIO SCOLASTICO (EX CASERMA DEI VIGILI URBANI)
Ubicazione	Comune di AVELLINO (AV) (Regione CAMPANIA)
	Località AVELLINO (AV)
	Longitudine 14.791, Latitudine 40.914
Numero di piani	Fuori terra: 1
	Interrati: 1
	le dimensioni dell'opera in pianta sono racchiuse in un rettangolo di 28,90 x 30,78 m
Numero vani scale	0
Numero vani ascensore	0
Tipo di fondazione	Mista: plinti convenientemente collegati e pali non armati

Principali caratteristiche della struttura	
Struttura regolare in pianta	SI
Struttura regolare in altezza	SI
Travi: ricalate o in spessore	SI
Pilastrì	SI
Pilastrì in falso	NO
Condizioni per cui è necessario considerare la componente verticale del sisma	NO



Rappresentazione grafica dell'edificio (solido dinamico).



Rappresentazione grafica dell'edificio (modello filo di ferro).

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]
IV	50.0	2.0	100.0

Fattore di struttura
Verifica elementi fragili: 1,5
Verifica elementi duttili: 2,9

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. 14-01-2008
Azione sismica	
Norma applicata per l’ azione sismica	D.M. 14-01-2008

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 costruzioni.

Nel prosieguo si indicano 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:

$\mathbf{K} * \mathbf{u} = \mathbf{F}$ 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 **BEAM** (trave-D2)
- Elemento tipo **SOLAIO** (macro elemento composto da più membrane)

3. 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 delle NTC-08, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Statica lineare	SI
Statica non lineare	NO
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

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 2014-07-168)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara

Codice Licenza:	Licenza dsi4662

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	213
elementi D2 (per aste, travi, pilastri...)	305
elementi D3 (per pareti, platee, gusci...)	0
elementi solaio	60
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	-163.50
Xmax =	2854.56
Ymin =	-154.53
Ymax =	2741.72
Zmin =	-20.00
Zmax =	1153.74
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	NO
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	SI
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 combiazioni”** 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	SI
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 abnormi. Si può pertanto asserire che l'elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

Verifiche agli stati limite ultimi

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

Verifiche agli stati limite di esercizio

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU 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.

4. NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 14 Gennaio 2008 e allegate "Norme tecniche per le costruzioni".
2. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
3. 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".
4. 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>>".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
6. 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.
7. 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.
8. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
9. 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".
10. 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".
11. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
12. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
13. 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.
14. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
15. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesì per unità di volume, pesì propri e sovraccarichi per gli edifici.
16. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
17. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
18. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
19. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
20. 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.
21. 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.
22. 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.
23. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
24. 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.
25. 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.
26. 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.
27. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
28. 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.
29. 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.
30. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
31. 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.
32. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
- 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 sul 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 14.01.08 è dovuto o a progettazione simulata di edificio esistente o ad applicazione del punto 2.7 del DM 14.01.08

5. 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:

<i>Young</i>	modulo di elasticità normale
<i>Poisson</i>	coefficiente di contrazione trasversale
<i>G</i>	modulo di elasticità tangenziale
<i>Gamma</i>	peso specifico
<i>Alfa</i>	coefficiente di dilatazione termica

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	Rck Fctm	resistenza caratteristica cubica resistenza media a trazione semplice
2	acciaio	Ft Fy Fd Fdt Sadm Sadmt	tensione di rottura a trazione tensione di snervamento resistenza di calcolo resistenza di calcolo per spess. t>40 mm tensione ammissibile tensione ammissibile per spess. t>40 mm
3	muratura	Resist. Fk Resist. Fvko	resistenza caratteristica a compressione resistenza caratteristica a taglio
4	legno	Resist. fc0k Resist. ft0k Resist. fmk Resist. fvk Modulo E0,05 Lamellare	Resistenza caratteristica (tensione amm. per REGLES) per compressione 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

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

Id	Tipo / Note		Young	Poisson	G	Gamma	Alfa
		daN/cm2	daN/cm2		daN/cm2	daN/cm3	
52	Calcestruzzo Valori PROVE		3.020e+05	0.20	1.258e+05	2.50e-03	1.00e-05
	Rck	233.4					
	fctm	21.6					

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	No					
Af inf: da q*L*L /	0.0					
Armatura						
Minima tesa	0.31					
Minima compressa	0.31					
Massima tesa	0.78					
Da sezione	Si					
Usa armatura teorica	No					
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00					
Tensione fy staffe [daN/cm2]	4500.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Fattore di confidenza FC	0.0					

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Verifiche con N costante	Si					
Fattore di ridistribuzione	0.0					
Modello per il confinamento						
Relazione tensio-deformativa	Mander					
Incrudimento acciaio	5.000e-03					
Fattore lambda	1.00					
epsilon max,s	4.000e-02					
epsilon cu2	4.500e-03					
epsilon c2	0.0					
epsilon cy	0.0					
Tensioni ammissibili						
Tensione amm. cls [daN/cm ²]	97.50					
Tensione amm. acciaio [daN/cm ²]	2600.00					
Rapporto omogeneizzazione N	15.00					
Massimo rapporto area compressa/tesa	1.00					
Staffe						
Diametro staffe	0.0					
Passo minimo [cm]	4.00					
Passo massimo [cm]	30.00					
Passo raffittito [cm]	15.00					
Lunghezza zona raffittita [cm]	50.00					
Ctg(Teta) Max	2.50					
Percentuale sagomati	0.0					
Luce di taglio per GR [cm]	1.00					
Adotta scorrimento medio	No					
Torsione non essenziale inclusa	No					

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Privilegia lati					
Progetta a filo	No					
Effetti del 2 ordine	Si					
Beta per 2-2	1.00					
Beta per 3-3	1.00					
Armatura						
Massima tesa	4.00					
Minima tesa	1.00					
Stati limite ultimi						
Tensione fy [daN/cm ²]	4500.00					
Tensione fy staffe [daN/cm ²]	4500.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Fattore di confidenza FC	0.0					
Verifiche con N costante	Si					
Modello per il confinamento						
Relazione tensio-deformativa	Mander					
Incrudimento acciaio	5.000e-03					
Fattore lambda	1.00					
epsilon max,s	4.000e-02					
epsilon cu2	4.500e-03					
epsilon c2	0.0					
epsilon cy	0.0					
Tensioni ammissibili						
Tensione amm. cls [daN/cm ²]	97.50					
Tensione amm. acciaio [daN/cm ²]	2600.00					
Rapporto omogeneizzazione N	15.00					
Staffe						
Diametro staffe	0.0					
Passo minimo [cm]	5.00					
Passo massimo [cm]	25.00					
Passo raffittito [cm]	15.00					
Lunghezza zona raffittita [cm]	45.00					
Ctg(Teta) Max	2.50					
Luce di taglio per GR [cm]	1.00					
Massimizza gerarchia	No					

Solai c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Usa tensioni ammissibili	No					
Af inf: da traliccio	No					
Consenti armatura a taglio	No					
Incrementa armatura longitudinale per taglio	No					
Af inf: da $q \cdot L \cdot L /$	20.00					
Incremento fascia piena [cm]	5.00					
Armatura						
Minima tesa	0.15					
Massima tesa	3.00					
Minima compressa	0.0					
Af/h [cm]	7.000e-02					
Stati limite ultimi						
Tensione f_y [daN/cm ²]	4500.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Fattore di ridistribuzione	0.0					
Tensioni ammissibili						
Tensione amm. cls [daN/cm ²]	85.00					
Tensione amm. acciaio [daN/cm ²]	2600.00					
Rapporto omogeneizzazione N	15.00					
Massimo rapporto area compressa/tesa	1.00					
Verifica freccia						
Infinita	250.00					
Istantanea	500.00					
Fattore viscosità	3.00					
Usa J non fessurato	No					

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

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

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

Per quanto concerne le sezioni di tipo generico (tipo 1.):

i valori dimensionali con prefisso B sono riferiti all'asse 2

i valori dimensionali con prefisso H sono riferiti all'asse 3

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	Rettangolare: b=30.00 h=900.00	2700.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
2	Rettangolare: b=30.00 h=1500.00	4500.00	1250.00	1250.00	2.799e+05	1.125e+05	3.125e+05	7500.00	1.250e+04	1.125e+04	1.875e+04
3	Rettangolare: b=30.00 h=1200.00	3600.00	1000.00	1000.00	1.946e+05	9.000e+04	1.600e+05	6000.00	8000.00	9000.00	1.200e+04
4	Rettangolare: b=30.00 h=1800.00	5400.00	1500.00	1500.00	3.699e+05	1.350e+05	5.400e+05	9000.00	1.800e+04	1.350e+04	2.700e+04
5	Rettangolare: b=30.00 h=2400.00	7200.00	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
14	Rettangolare: b=120.00 h=3600.00	4320.00	3000.00	3000.00	9.099e+05	4.320e+06	2.700e+05	7.200e+04	1.800e+04	1.080e+05	2.700e+04
21	Rettangolare: b=80.00 h=1600.00	1280.00	1333.33	1333.33	1.797e+05	8.533e+05	5.333e+04	2.133e+04	5333.33	3.200e+04	8000.00

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
22	Rettangolare: b=90.00 h=20.00	1800.00	1500.00	1500.00	2.064e+05	1.215e+06	6.000e+04	2.700e+04	6000.00	4.050e+04	9000.00
23	Rettangolare: b=180.00 h=20.00	3600.00	3000.00	3000.00	4.464e+05	9.720e+06	1.200e+05	1.080e+05	1.200e+04	1.620e+05	1.800e+04
25	Rettangolare: b=12.00 h=20.00	240.00	200.00	200.00	7165.44	2880.00	8000.00	480.00	800.00	720.00	1200.00
26	Rettangolare: b=12.00 h=30.00	360.00	300.00	300.00	1.293e+04	4320.00	2.700e+04	720.00	1800.00	1080.00	2700.00
27	Rettangolare: b=130.00 h=30.00	3900.00	3250.00	3250.00	9.999e+05	5.492e+06	2.925e+05	8.450e+04	1.950e+04	1.267e+05	2.925e+04

7. MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.

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

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

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

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

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

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 14/01/08

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
57	335.0	-112.0	250.0	58	2361.0	-112.0	250.0	59	669.0	-111.8	250.0
60	2027.1	-111.8	250.0	61	-4.81e-04	1.29e-04	250.0	62	1003.0	-1.28e-02	250.0
63	1693.0	-1.28e-02	250.0	64	2696.0	-1.52e-02	250.0	65	898.2	390.1	250.0
66	543.1	390.0	250.0	67	1348.0	390.0	250.0	68	1798.0	390.0	250.0
69	149.9	559.3	250.0	70	2546.1	559.8	250.0	71	1348.0	795.0	250.0
72	-64.2	821.6	250.0	73	2757.0	825.1	250.0	74	70.0	860.0	250.0
75	543.0	860.0	250.0	76	897.8	860.0	250.0	77	1798.0	860.0	250.0
78	2626.0	860.0	250.0	79	13.0	1199.4	250.0	80	-163.5	1200.0	250.0
81	543.0	1200.0	250.0	82	897.9	1200.0	250.0	83	1348.0	1200.0	250.0
84	1798.0	1200.0	250.0	85	2343.0	1200.0	250.0	86	2683.2	1200.0	250.0
87	2854.6	1200.0	250.0	88	70.0	1510.0	250.0	89	543.0	1510.0	250.0
90	898.0	1510.0	250.0	91	1348.0	1510.0	250.0	92	1798.0	1510.0	250.0
93	2153.0	1510.0	250.0	94	2626.0	1510.0	250.0	95	2756.2	1546.3	250.0
96	-65.1	1547.7	250.0	97	188.0	1950.0	250.0	98	543.0	1950.0	250.0
99	898.0	1950.0	250.0	100	1348.0	1950.0	250.0	101	1798.0	1950.0	250.0
102	2508.0	1950.0	250.0	103	2153.0	1950.4	250.0	104	951.6	2149.9	250.0
105	1348.0	2150.0	250.0	106	1744.6	2150.0	250.0	107	97.0	2290.0	250.0
108	989.0	2290.0	250.0	109	1707.1	2290.0	250.0	110	2599.0	2290.0	250.0
111	543.0	2352.5	250.0	112	2153.0	2352.5	250.0	113	6.0	2630.0	250.0
114	1080.0	2630.0	250.0	115	1616.0	2630.0	250.0	116	2690.0	2630.0	250.0
117	363.9	2741.7	250.0	118	722.5	2741.7	250.0	119	1974.1	2741.7	250.0
120	2332.2	2741.7	250.0	121	1044.6	-154.5	610.0	122	1651.5	-154.5	610.0
123	335.0	-112.0	610.0	124	2361.0	-112.0	610.0	125	669.0	-111.8	610.0
126	2027.1	-111.8	610.0	127	-4.81e-04	1.29e-04	610.0	128	1003.0	-1.28e-02	610.0
129	1693.0	-1.28e-02	610.0	130	2696.0	-1.52e-02	610.0	131	1798.0	390.0	610.0
132	898.2	390.1	610.0	133	149.9	559.3	610.0	134	2546.1	559.8	610.0
135	-64.2	821.6	610.0	136	2757.0	825.1	610.0	137	70.0	860.0	610.0
138	897.8	860.0	610.0	139	1798.0	860.0	610.0	140	2626.0	860.0	610.0
141	70.0	1510.0	610.0	142	898.0	1510.0	610.0	143	1798.0	1510.0	610.0
144	2626.0	1510.0	610.0	145	2756.2	1546.3	610.0	146	-65.1	1547.7	610.0
147	188.0	1950.0	610.0	148	898.0	1950.0	610.0	149	1798.0	1950.0	610.0
150	2508.0	1950.0	610.0	151	97.0	2290.0	610.0	152	989.0	2290.0	610.0
153	1707.1	2290.0	610.0	154	2599.0	2290.0	610.0	155	6.0	2630.0	610.0
156	1080.0	2630.0	610.0	157	1616.0	2630.0	610.0	158	2690.0	2630.0	610.0
159	363.9	2741.7	610.0	160	722.5	2741.7	610.0	161	1974.1	2741.7	610.0
162	2332.2	2741.7	610.0	163	989.0	2290.0	695.0	164	1707.1	2290.0	695.0
165	947.6	2135.1	742.8	166	1748.5	2135.1	742.8	167	97.0	2290.0	768.9
168	363.9	2290.0	768.9	169	722.5	2290.0	768.9	170	989.0	2290.0	768.9

171	1707.1	2290.0	768.9	172	1974.1	2290.0	768.9	173	2332.2	2290.0	768.9
174	2599.0	2290.0	768.9	175	104.9	391.5	796.1	176	2591.0	392.0	796.2
177	335.1	391.1	797.3	178	2360.6	391.4	797.3	179	669.0	390.5	798.9
180	2026.7	390.6	798.9	181	1798.0	390.0	800.0	182	898.2	390.1	800.0
183	897.8	860.0	800.0	184	1798.0	860.0	800.0	185	898.0	1510.0	800.0
186	1798.0	1510.0	800.0	187	898.0	1950.0	800.0	188	1798.0	1950.0	800.0
189	149.9	559.3	875.9	190	2546.1	559.8	875.9	191	1798.0	565.4	875.9
192	898.0	565.4	875.9	193	188.0	1950.0	894.9	194	898.0	1950.0	894.9
195	1798.0	1950.0	894.9	196	2508.0	1950.0	894.9	197	-64.2	821.6	903.0
198	2757.0	825.1	903.0	199	2756.2	1546.3	903.0	200	-65.1	1547.7	903.0
201	70.0	860.0	929.7	202	2626.0	860.0	929.7	203	70.0	1510.0	929.7
204	2626.0	1510.0	929.7	205	897.8	860.0	1003.3	206	1798.0	860.0	1003.3
207	898.0	1510.0	1031.3	208	1798.0	1510.0	1031.3	209	1798.0	1067.3	1093.5
210	898.0	1067.5	1093.5	211	1798.0	1302.7	1093.5	212	898.0	1303.3	1093.5
213	1348.0	1185.0	1153.7								

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	335.0	-112.0	-20.0	v=111111						
2	2361.0	-112.0	-20.0	v=111111						
3	669.0	-111.8	-20.0	v=111111						
4	2027.1	-111.8	-20.0	v=111111						
5	-4.81e-04	1.29e-04	-20.0	v=111111						
6	1003.0	-1.28e-02	-20.0	v=111111						
7	1693.0	-1.28e-02	-20.0	v=111111						
8	2696.0	-1.52e-02	-20.0	v=111111						
9	898.2	390.1	-20.0	v=111111						
10	543.1	390.0	-20.0	v=111111						
11	1348.0	390.0	-20.0	v=111111						
12	1798.0	390.0	-20.0	v=111111						
13	149.9	559.3	-20.0	v=111111						
14	2546.1	559.8	-20.0	v=111111						
15	1348.0	795.0	-20.0	v=111111						
16	70.0	860.0	-20.0	v=111111						
17	543.0	860.0	-20.0	v=111111						
18	897.8	860.0	-20.0	v=111111						
19	1798.0	860.0	-20.0	v=111111						
20	2626.0	860.0	-20.0	v=111111						
21	13.0	1199.4	-20.0	v=111111						
22	543.0	1200.0	-20.0	v=111111						
23	897.9	1200.0	-20.0	v=111111						
24	1348.0	1200.0	-20.0	v=111111						
25	1798.0	1200.0	-20.0	v=111111						
26	2343.0	1200.0	-20.0	v=111111						
27	2683.2	1200.0	-20.0	v=111111						
28	70.0	1510.0	-20.0	v=111111						
29	543.0	1510.0	-20.0	v=111111						
30	898.0	1510.0	-20.0	v=111111						
31	1348.0	1510.0	-20.0	v=111111						
32	1798.0	1510.0	-20.0	v=111111						
33	2153.0	1510.0	-20.0	v=111111						
34	2626.0	1510.0	-20.0	v=111111						
35	188.0	1950.0	-20.0	v=111111						
36	543.0	1950.0	-20.0	v=111111						
37	898.0	1950.0	-20.0	v=111111						
38	1348.0	1950.0	-20.0	v=111111						
39	1798.0	1950.0	-20.0	v=111111						
40	2508.0	1950.0	-20.0	v=111111						
41	2153.0	1950.4	-20.0	v=111111						
42	1348.0	2150.0	-20.0	v=111111						
43	97.0	2290.0	-20.0	v=111111						
44	989.0	2290.0	-20.0	v=111111						
45	1707.1	2290.0	-20.0	v=111111						
46	2599.0	2290.0	-20.0	v=111111						
47	543.0	2352.5	-20.0	v=111111						
48	2153.0	2352.5	-20.0	v=111111						
49	6.0	2630.0	-20.0	v=111111						
50	1080.0	2630.0	-20.0	v=111111						
51	1616.0	2630.0	-20.0	v=111111						
52	2690.0	2630.0	-20.0	v=111111						
53	363.9	2741.7	-20.0	v=111111						
54	722.5	2741.7	-20.0	v=111111						
55	1974.1	2741.7	-20.0	v=111111						
56	2332.2	2741.7	-20.0	v=111111						

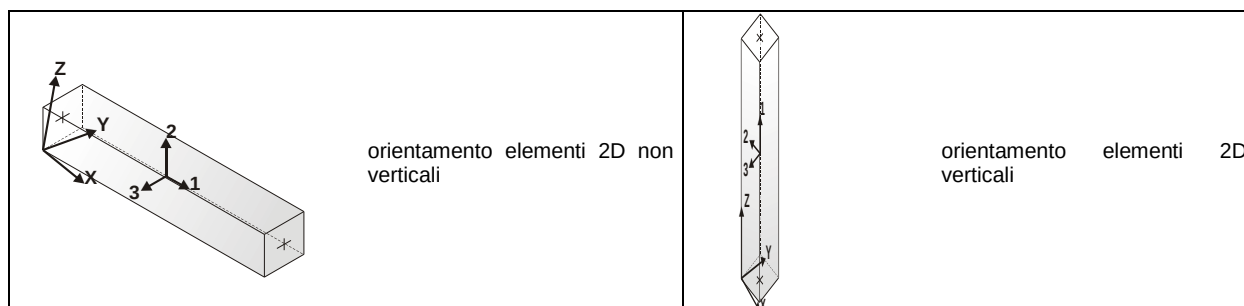
8. MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

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	57	52	3	-10.00				
2	Pilas.	2	58	52	3	15.00				
3	Pilas.	3	59	52	3	15.00				
4	Pilas.	4	60	52	3	-10.00				
5	Pilas.	5	61	52	3	75.00				
6	Pilas.	6	62	52	3	285.00				
7	Pilas.	7	63	52	3	75.00				
8	Pilas.	8	64	52	3	285.00				
9	Pilas.	9	65	52	2	285.00				
10	Pilas.	10	66	52	1					
11	Pilas.	11	67	52	1					
12	Pilas.	12	68	52	3	285.00				
13	Pilas.	13	69	52	3	75.00				
14	Pilas.	14	70	52	3	285.00				
15	Pilas.	15	71	52	1					
16	Pilas.	16	74	52	2	285.00				
17	Pilas.	17	75	52	1					
18	Pilas.	18	76	52	2	90.00				
19	Pilas.	19	77	52	2	90.00				
20	Pilas.	20	78	52	2	255.00				
21	Pilas.	21	79	52	1					
22	Pilas.	22	81	52	1					
23	Pilas.	23	82	52	1					
24	Pilas.	24	83	52	1					
25	Pilas.	25	84	52	1					
26	Pilas.	26	85	52	1					
27	Pilas.	27	86	52	1					
28	Pilas.	28	88	52	2	75.00				
29	Pilas.	29	89	52	1					
30	Pilas.	30	90	52	2	90.00				
31	Pilas.	31	91	52	1					
32	Pilas.	32	92	52	2	90.00				
33	Pilas.	33	93	52	1					

34	Pilas.	34	94	52	2	105.00
35	Pilas.	35	97	52	3	75.00
36	Pilas.	36	98	52	1	
37	Pilas.	37	99	52	2	90.00
38	Pilas.	38	100	52	1	
39	Pilas.	39	101	52	2	90.00
40	Pilas.	40	102	52	3	105.00
41	Pilas.	41	103	52	1	
42	Pilas.	42	105	52	1	
43	Pilas.	43	107	52	3	105.00
44	Pilas.	44	108	52	3	75.00
45	Pilas.	45	109	52	3	105.00
46	Pilas.	46	110	52	3	75.00
47	Pilas.	47	111	52	1	
48	Pilas.	48	112	52	1	
49	Pilas.	49	113	52	3	105.00
50	Pilas.	50	114	52	3	75.00
51	Pilas.	51	115	52	3	105.00
52	Pilas.	52	116	52	3	75.00
53	Pilas.	53	117	52	3	10.00
54	Pilas.	54	118	52	3	-4.00
55	Pilas.	55	119	52	3	10.00
56	Pilas.	56	120	52	3	-4.00
57	Trave	57	59	52	2	
58	Trave	60	58	52	2	
59	Trave	61	57	52	2	
60	Trave	58	64	52	2	
61	Trave	59	62	52	2	
62	Trave	63	60	52	2	
63	Trave	65	62	52	2	
64	Trave	63	68	52	2	
65	Trave	61	69	52	2	
66	Trave	70	64	52	2	
67	Trave	66	65	52	2	
68	Trave	65	67	52	2	
69	Trave	67	68	52	2	
70	Trave	69	66	52	2	
71	Trave	67	71	52	2	
72	Trave	65	76	52	2	
73	Trave	68	77	52	2	
74	Trave	74	69	52	2	
75	Trave	70	78	52	2	
76	Trave	72	74	52	2	
77	Trave	78	73	52	2	
78	Trave	74	75	52	2	
79	Trave	75	76	52	2	
80	Trave	71	83	52	2	
81	Trave	80	72	52	21	
82	Trave	73	87	52	21	
83	Trave	76	82	52	2	
84	Trave	77	84	52	2	
85	Trave	80	79	52	2	
86	Trave	79	81	52	2	
87	Trave	81	82	52	2	
88	Trave	84	85	52	2	
89	Trave	85	86	52	2	
90	Trave	86	87	52	2	
91	Trave	82	90	52	2	
92	Trave	83	91	52	2	
93	Trave	84	92	52	2	
94	Trave	95	87	52	21	
95	Trave	80	96	52	21	
96	Trave	88	89	52	2	
97	Trave	89	90	52	2	
98	Trave	92	93	52	2	
99	Trave	93	94	52	2	
100	Trave	94	95	52	2	
101	Trave	96	88	52	2	
102	Trave	88	97	52	2	
103	Trave	90	99	52	2	
104	Trave	91	100	52	2	
105	Trave	92	101	52	2	
106	Trave	102	94	52	2	
107	Trave	97	98	52	2	
108	Trave	98	99	52	2	
109	Trave	101	103	52	2	

110	Trave	103	102	52	2	
111	Trave	99	104	52	2	
112	Trave	100	105	52	2	
113	Trave	106	101	52	2	
114	Trave	107	97	52	2	
115	Trave	102	110	52	2	
116	Trave	104	105	52	2	
117	Trave	105	106	52	2	
118	Trave	104	108	52	2	
119	Trave	109	106	52	2	
120	Trave	107	111	52	2	
121	Trave	111	108	52	2	
122	Trave	109	112	52	2	
123	Trave	112	110	52	2	
124	Trave	113	107	52	2	
125	Trave	108	114	52	2	
126	Trave	115	109	52	2	
127	Trave	110	116	52	2	
128	Trave	113	117	52	2	
129	Trave	118	114	52	2	
130	Trave	115	119	52	2	
131	Trave	120	116	52	2	
132	Trave	117	118	52	2	
133	Trave	119	120	52	2	
134	Pilas.	57	123	52	3	-10.00
135	Pilas.	58	124	52	3	15.00
136	Pilas.	59	125	52	3	15.00
137	Pilas.	60	126	52	3	-10.00
138	Pilas.	61	127	52	3	75.00
139	Pilas.	62	128	52	3	285.00
140	Pilas.	63	129	52	3	75.00
141	Pilas.	64	130	52	3	285.00
142	Pilas.	65	132	52	2	285.00
143	Pilas.	68	131	52	2	285.00
144	Pilas.	69	133	52	3	75.00
145	Pilas.	70	134	52	3	285.00
146	Pilas.	74	137	52	2	285.00
147	Pilas.	76	138	52	2	90.00
148	Pilas.	77	139	52	2	90.00
149	Pilas.	78	140	52	2	255.00
150	Pilas.	88	141	52	2	75.00
151	Pilas.	90	142	52	2	90.00
152	Pilas.	92	143	52	2	90.00
153	Pilas.	94	144	52	2	105.00
154	Pilas.	97	147	52	3	75.00
155	Pilas.	99	148	52	2	90.00
156	Pilas.	101	149	52	2	90.00
157	Pilas.	102	150	52	3	105.00
158	Pilas.	107	151	52	3	105.00
159	Pilas.	108	152	52	3	75.00
160	Pilas.	109	153	52	3	105.00
161	Pilas.	110	154	52	3	75.00
162	Pilas.	113	155	52	3	105.00
163	Pilas.	114	156	52	3	75.00
164	Pilas.	115	157	52	3	105.00
165	Pilas.	116	158	52	3	75.00
166	Pilas.	117	159	52	3	10.00
167	Pilas.	118	160	52	3	-4.00
168	Pilas.	119	161	52	2	10.00
169	Pilas.	120	162	52	3	-4.00
170	Trave	123	125	52	2	
171	Trave	126	124	52	2	
172	Trave	128	121	52	2	
173	Trave	122	129	52	2	
174	Trave	127	123	52	2	
175	Trave	124	130	52	2	
176	Trave	125	128	52	2	
177	Trave	129	126	52	2	
178	Trave	132	128	52	2	
179	Trave	129	131	52	2	
180	Trave	127	133	52	4	
181	Trave	134	130	52	4	
182	Trave	132	138	52	2	
183	Trave	131	139	52	2	
184	Trave	137	133	52	4	
185	Trave	134	140	52	4	

186	Trave	135	137	52	2	
187	Trave	140	136	52	2	
188	Trave	137	138	52	5	
189	Trave	139	140	52	5	
190	Trave	146	135	52	14	
191	Trave	145	136	52	14	
192	Trave	141	142	52	5	
193	Trave	143	144	52	5	
194	Trave	144	145	52	2	
195	Trave	146	141	52	2	
196	Trave	141	147	52	2	
197	Trave	142	148	52	2	
198	Trave	143	149	52	2	
199	Trave	150	144	52	2	
200	Trave	151	147	52	2	
201	Trave	148	152	52	2	
202	Trave	153	149	52	2	
203	Trave	150	154	52	2	
204	Trave	155	151	52	2	
205	Trave	152	156	52	2	
206	Trave	157	153	52	2	
207	Trave	154	158	52	2	
208	Trave	155	159	52	2	
209	Trave	160	156	52	2	
210	Trave	157	161	52	2	
211	Trave	162	158	52	2	
212	Trave	159	160	52	2	
213	Trave	161	162	52	2	
214	Pilas.	152	163	52	3	75.00
215	Pilas.	153	164	52	3	105.00
216	Trave	163	156	52	2	
217	Trave	157	164	52	2	
218	Pilas.	151	167	52	1	105.00
219	Pilas.	154	174	52	1	75.00
220	Trave	155	167	52	2	
221	Trave	170	156	52	2	
222	Trave	157	171	52	2	
223	Trave	174	158	52	2	
224	Trave	127	175	52	2	
225	Trave	176	130	52	2	
226	Trave	182	128	52	2	
227	Trave	129	181	52	2	
228	Pilas.	131	181	52	3	285.00
229	Pilas.	132	182	52	3	285.00
230	Pilas.	138	183	52	3	90.00
231	Pilas.	139	184	52	3	90.00
232	Pilas.	142	185	52	3	90.00
233	Pilas.	143	186	52	3	90.00
234	Pilas.	148	187	52	3	90.00
235	Pilas.	149	188	52	3	90.00
236	Trave	165	163	52	2	
237	Trave	164	166	52	2	
238	Pilas.	163	170	52	1	75.00
239	Pilas.	164	171	52	1	105.00
240	Pilas.	133	189	52	3	75.00
241	Pilas.	134	190	52	3	285.00
242	Trave	137	189	52	2	
243	Trave	190	140	52	2	
244	Trave	192	138	52	2	
245	Trave	191	139	52	2	
246	Trave	141	193	52	2	
247	Trave	142	194	52	2	
248	Trave	143	195	52	2	
249	Trave	196	144	52	2	
250	Pilas.	147	193	52	3	75.00
251	Pilas.	150	196	52	3	105.00
252	Pilas.	137	201	52	3	285.00
253	Pilas.	140	202	52	3	255.00
254	Pilas.	141	203	52	3	75.00
255	Pilas.	144	204	52	3	105.00
256	Trave	187	165	52	2	
257	Trave	166	188	52	2	
258	Trave	182	181	52	21	
259	Trave	182	183	52	2	
260	Trave	181	184	52	2	
261	Trave	183	185	52	5	

262	Trave	184	186	52	5	
263	Trave	185	187	52	2	
264	Trave	186	188	52	2	
265	Trave	167	193	52	2	
266	Trave	194	170	52	2	
267	Trave	171	195	52	2	
268	Trave	196	174	52	2	
269	Trave	175	189	52	2	
270	Trave	190	176	52	2	
271	Trave	181	191	52	2	
272	Trave	182	192	52	2	
273	Pilas.	187	194	52	3	90.00
274	Pilas.	188	195	52	3	90.00
275	Trave	194	195	52	21	
276	Pilas.	183	205	52	3	90.00
277	Pilas.	184	206	52	3	90.00
278	Trave	200	197	52	27	
279	Trave	199	198	52	27	
280	Pilas.	185	207	52	3	90.00
281	Pilas.	186	208	52	3	90.00
282	Trave	197	201	52	22	
283	Trave	202	198	52	22	
284	Trave	204	199	52	22	
285	Trave	200	203	52	22	
286	Trave	192	205	52	2	
287	Trave	191	206	52	2	
288	Trave	207	194	52	2	
289	Trave	208	195	52	2	
290	Trave	205	206	52	22	
291	Trave	209	202	52	22	
292	Trave	201	210	52	22	
293	Trave	211	204	52	22	
294	Trave	203	212	52	22	
295	Trave	207	208	52	22	
296	Trave	206	209	52	2	
297	Trave	205	210	52	2	
298	Trave	211	208	52	2	
299	Trave	212	207	52	2	
300	Trave	209	211	52	23	
301	Trave	210	212	52	23	
302	Trave	213	209	52	22	
303	Trave	210	213	52	22	
304	Trave	213	211	52	22	
305	Trave	212	213	52	22	

9. MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO

LEGENDA TABELLA DATI SOLAI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio.

Ogni elemento solaio è individuato da una poligonale di nodi 1,2, ..., N.

L'elemento solaio è utilizzato in primo luogo per la modellazione dei carichi agenti sugli elementi strutturali. In secondo luogo può essere utilizzato per la corretta ripartizione delle forze orizzontali agenti nel proprio piano. L'elemento balcone è derivato dall'elemento solaio.

I carichi agenti sugli elementi, raccolti in un archivio, sono direttamente assegnati agli elementi utilizzando le informazioni raccolte nell' archivio (es. i coefficienti combinatori). La tabella seguente riporta i dati utilizzati per la definizione dei carichi e delle masse.

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico Variab. Carico variabile generico Var. rid. Carico variabile generico con riduzione in funzione dell' area (c.5.5. ...) Neve Carico di neve
G1k	carico permanente (comprensivo del peso proprio)
G2k	carico permanente non strutturale e non compiutamente definito
Qk	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore raro
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore frequente
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore quasi permanente
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: per la definizione delle masse sismiche
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

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
Tipo	codice di comportamento S elemento utilizzato solo per scarico C elemento utilizzato per scarico e per modellazione piano rigido M scarico monodirezionale B scarico bidirezionale
Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
Gk	carico permanente (comprensivo del peso proprio)
Qk	carico variabile
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale); nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite vengono riportati il rapporto x/d e le verifiche per sollecitazioni proporzionali nonché le verifiche in esercizio.

In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	numero identificativo dell'elemento
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
Pos.	Ascissa del punto di verifica
F ist, F infi	Frecce istantanee e a tempo infinito
Momento	Momento flettente
Taglio	Sollecitazione di taglio
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup.	Area di armatura longitudinale posta all'estradosso della trave
Afv	Area dell'armatura atta ad assorbire le azioni di taglio
Beff	Base della sezione di cls per l'assorbimento del taglio
simboli utilizzati con il metodo delle tensioni ammissibili:	
sc max	Massima tensione di compressione del calcestruzzo
sf max	Massima tensione nell'acciaio
tau max	Massima tensione tangenziale nel cls
simboli utilizzati con il metodo degli stati limite:	
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.	rapporto S_d/S_u con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva
Verif.V	rapporto S_d/S_u con sollecitazioni taglianti proporzionali: valore minore o uguale a 1 per verifica positiva

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

ID Arch.	Tipo	G1k daN/cm2	G2k daN/cm2	Qk daN/cm2	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
13	Variab.	5.00e-02	2.00e-02	3.00e-02		1.00	0.70	0.50	0.30	0.30	1.00
14	Variab.	5.20e-02		5.00e-03		1.00	0.70	0.50	0.30	0.30	1.00
15	Neve	5.20e-02		1.12e-02		1.00	0.50	0.20	0.0	0.0	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k daN/cm2	G2k daN/cm2	Qk daN/cm2	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
1	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	66	69	61	57	59
2	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	62	65			
3	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	70	68	63	60	58
4	CM	13	m=52	4.0	0.0	5.00e-02	2.00e-02	3.00e-02	64				
5	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	75	74	69	66	65
6	CM	13	m=52	4.0	0.0	5.00e-02	2.00e-02	3.00e-02	76				
7	CM	13	m=52	4.0	0.0	5.00e-02	2.00e-02	3.00e-02	84	68	70	78	73
8	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	87				
9	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	79	80	72	74	75
10	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	76	82			
11	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	104	99	65	67	105
12	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	67	68	101	106	105
13	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	90	82	81	79	80
14	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	96	88	89		
15	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	94	92	84	85	86
16	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	87	95			
17	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	97	88	90	99	
18	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	101	92	93	94	102
19	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	111	107	97	99	108
20	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	112	109	106	101	103
21	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	102	110			
22	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	113	107	111	108	114
23	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	118	117			
24	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	115	119	120	116	110
25	CM	13	m=52	4.0	90.0	5.00e-02	2.00e-02	3.00e-02	112	109			
26	CM	14	m=52	4.0	0.0	5.20e-02		5.00e-03	131	132	121	122	
27	CM	14	m=52	4.0	0.0	5.20e-02		5.00e-03	133	127	123	125	128
28	CM	14	m=52	4.0	0.0	5.20e-02		5.00e-03	132	138	137		
29	CM	14	m=52	4.0	90.0	5.20e-02		5.00e-03	140	134	130	124	126
30	CM	14	m=52	4.0	90.0	5.20e-02		5.00e-03	129	131	139		
31	CM	14	m=52	4.0	90.0	5.20e-02		5.00e-03	141	146	135	137	138
32	CM	14	m=52	4.0	90.0	5.20e-02		5.00e-03	142				
33	CM	14	m=52	4.0	90.0	5.20e-02		5.00e-03	143	144	145	136	140
34	CM	14	m=52	4.0	0.0	5.20e-02		5.00e-03	139				
35	CM	14	m=52	4.0	0.0	5.20e-02		5.00e-03	155	159	160	156	152
36	CM	14	m=52	4.0	0.0	5.20e-02		5.00e-03	148	142	141	147	151
37	CM	14	m=52	4.0	0.0	5.20e-02		5.00e-03	143	149	153	157	161
38	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	162	158	154	150	144
39	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	168	159	155	167	
40	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	172	161	157	171	
41	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	168	169	160	159	
42	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	173	162	161	172	
43	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	178	124	130	176	
44	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	179	125	128	182	
45	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	170	156	160	169	
46	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	174	158	162	173	
47	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	175	127	123	177	
48	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	126	124	178	180	
49	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	123	125	179	177	
50	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	181	129	126	180	
51	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	189	192	138	137	
52	CM	15	m=52	4.0	0.0	5.20e-02		1.12e-02	191	190	140	139	

37	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	194	193	141	142
38	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	195	143	144	196
39	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	187	188	166	165
40	CM	14	m=52	4.0	0.0	5.20e-02	5.00e-03	183	182	181	184
41	CM	14	m=52	4.0	0.0	5.20e-02	5.00e-03	185	183	184	186
42	CM	14	m=52	4.0	0.0	5.20e-02	5.00e-03	185	186	188	187
43	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	193	194	170	167
44	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	196	174	171	195
45	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	195	171	170	194
46	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	175	182	192	189
47	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	191	181	176	190
48	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	192	182	181	191
49	CM	15	m=52	4.0	90.0	5.20e-02	1.12e-02	202	198	199	204
50	CM	15	m=52	4.0	90.0	5.20e-02	1.12e-02	203	200	197	201
51	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	205	192	191	206
52	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	208	195	194	207
53	CM	15	m=52	4.0	90.0	5.20e-02	1.12e-02	209	202	204	211
54	CM	15	m=52	4.0	90.0	5.20e-02	1.12e-02	203	201	210	212
55	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	205	206	209	210
56	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	211	208	207	212
57	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	210	209	213	
58	CM	15	m=52	4.0	90.0	5.20e-02	1.12e-02	209	211	213	
59	CM	15	m=52	4.0	90.0	5.20e-02	1.12e-02	212	210	213	
60	CM	15	m=52	4.0	0.0	5.20e-02	1.12e-02	211	212	213	

10. MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

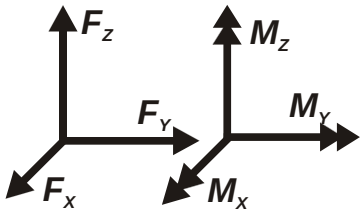
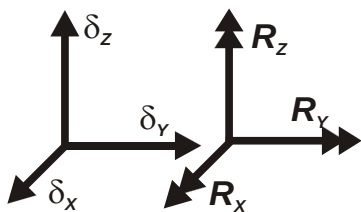
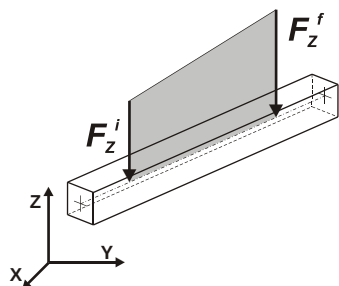
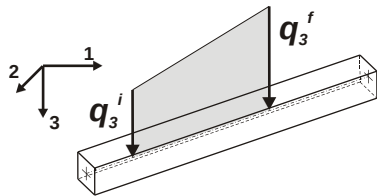
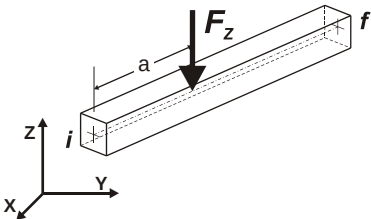
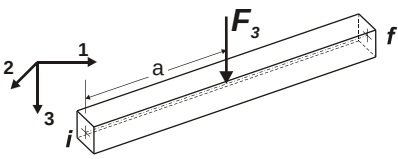
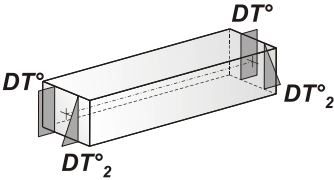
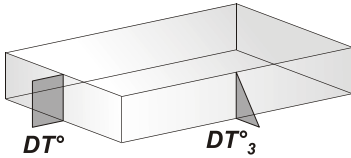
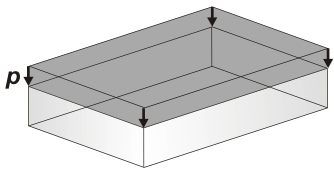
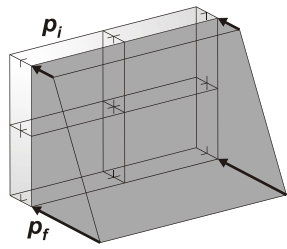
Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene 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

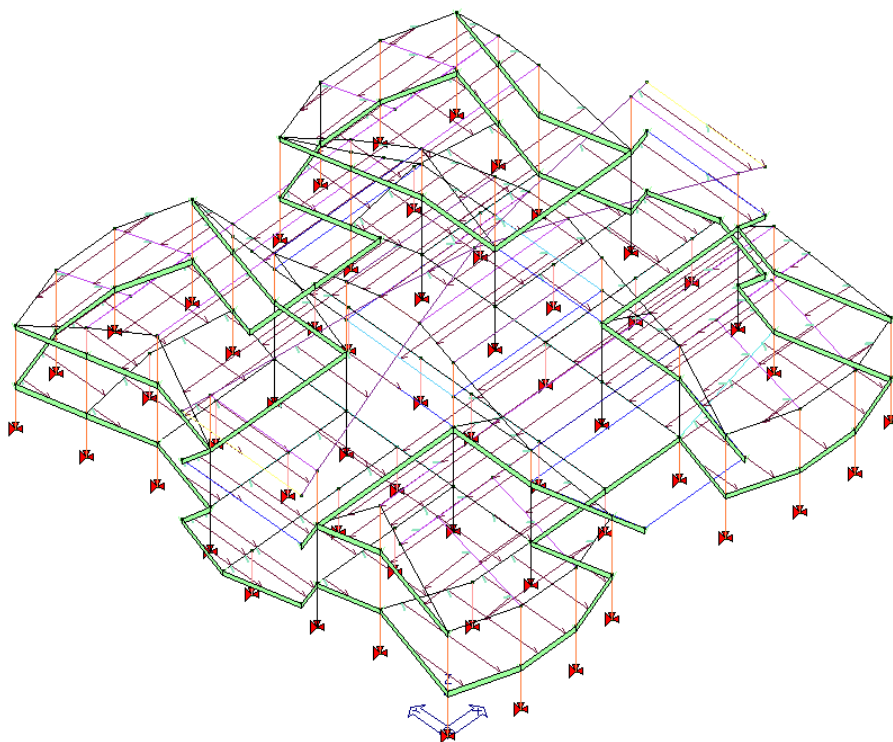
12 gruppo di carichi con impronta su piastra

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)

 Carico nodale concentrato	 Spostamento impresso
 Carico distribuito globale	 Carico distribuito locale
 Carico globale concentrato	 Carico concentrato locale
 Carico termico 2D	 Carico termico 3D
 Carico uniforme pressione	 Carico pressione variabile

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
5	DG:Fzi=-7.00 Fzf=-7.00	0.0	0.0	0.0	-7.00	0.0	0.0	0.0
		0.0	0.0	0.0	-7.00	0.0	0.0	0.0



CDC: G1k tamponature.

11. 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	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.

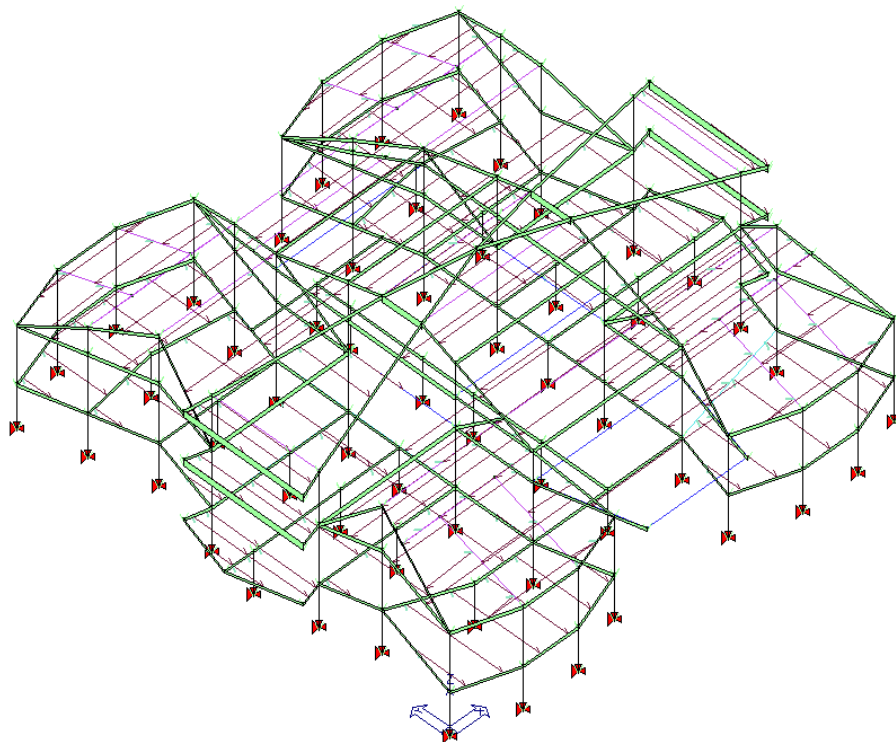
Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso: *Numero Tipo e Sigla identificativa, Valore di riferimento* del caso di carico (se previsto).

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.

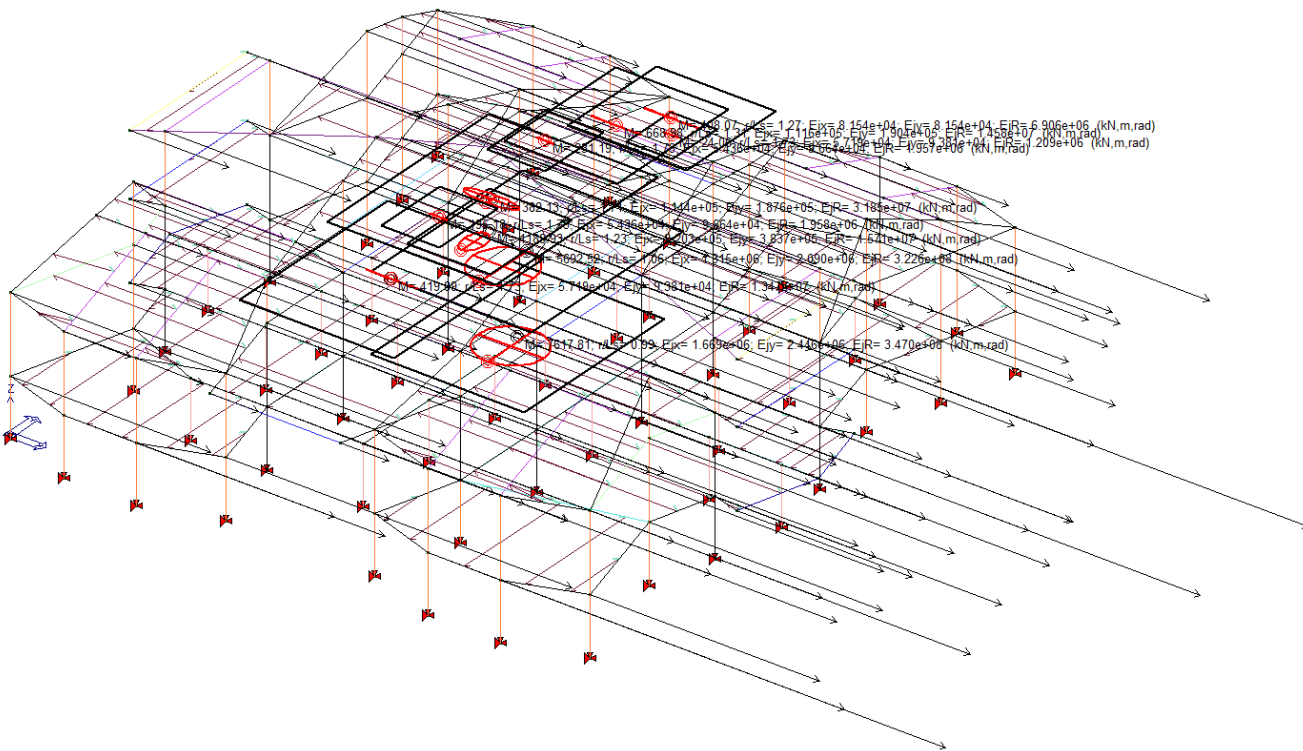
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione 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	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Qsk	CDC=Qsk (variabile solai)	
5	Gk	CDC=G1k tamponature	D2 :da 57 a 66 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 68 a 69 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 74 a 77 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 81 a 82 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 94 a 95 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 100 a 102 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 : 106 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 114 a 119 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 124 a 133 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 172 a 173 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 178 a 189 Azione : DG:Fzi=-7.00 Fzf=-7.00 D2 :da 192 a 207 Azione : DG:Fzi=-7.00 Fzf=-7.00
6	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 CDC=G1sk (permanente solai-coperture) partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.) partecipazione:1.00 per 4 CDC=Qsk (variabile solai) partecipazione:1.00 per 5 CDC=G1k tamponature
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
14	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	come precedente CDC sismico
15	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	come precedente CDC sismico
16	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	come precedente CDC sismico
17	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	come precedente CDC sismico



CDC: Ggk peso proprio della struttura.



CDC: Qsk variabile solai.

CDC: Ed (dinamico SLU) $\alpha = 0.0$ (ecc.+).

12. 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

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

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

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

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

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:

NTC 2008 Tabella 2.5.I

Destinazione d'uso/azione	ψ_0	ψ_1	ψ_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 $\leq 30\text{kN}$)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30\text{kN}$)	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 $\leq 1000\text{ m}$	0,50	0,20	0,00
Neve a quota $> 1000\text{ m}$	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 2008 Tabella 2.6.I

		Coefficiente γ_f	EQU	A1	A2
Carichi permanenti	Favorevoli	γ_{G1}	0,9	1,0	1,0
	Sfavorevoli		1,1	1,3	1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli	γ_{G2}	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3
Carichi variabili	Favorevoli	γ_{Qi}	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
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 (SLV sism.) 5	
6	SLU	Comb. SLU A1 (SLV sism.) 6	
7	SLU	Comb. SLU A1 (SLV sism.) 7	
8	SLU	Comb. SLU A1 (SLV sism.) 8	
9	SLU	Comb. SLU A1 (SLV sism.) 9	
10	SLU	Comb. SLU A1 (SLV sism.) 10	
11	SLU	Comb. SLU A1 (SLV sism.) 11	
12	SLU	Comb. SLU A1 (SLV sism.) 12	
13	SLU	Comb. SLU A1 (SLV sism.) 13	
14	SLU	Comb. SLU A1 (SLV sism.) 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLU	Comb. SLU A1 (SLV sism.) 21	
22	SLU	Comb. SLU A1 (SLV sism.) 22	
23	SLU	Comb. SLU A1 (SLV sism.) 23	
24	SLU	Comb. SLU A1 (SLV sism.) 24	
25	SLU	Comb. SLU A1 (SLV sism.) 25	
26	SLU	Comb. SLU A1 (SLV sism.) 26	
27	SLU	Comb. SLU A1 (SLV sism.) 27	
28	SLU	Comb. SLU A1 (SLV sism.) 28	
29	SLU	Comb. SLU A1 (SLV sism.) 29	
30	SLU	Comb. SLU A1 (SLV sism.) 30	
31	SLU	Comb. SLU A1 (SLV sism.) 31	
32	SLU	Comb. SLU A1 (SLV sism.) 32	
33	SLU	Comb. SLU A1 (SLV sism.) 33	
34	SLU	Comb. SLU A1 (SLV sism.) 34	
35	SLU	Comb. SLU A1 (SLV sism.) 35	
36	SLU	Comb. SLU A1 (SLV sism.) 36	
37	SLD(sis)	Comb. SLE (SLD Danno sism.) 37	
38	SLD(sis)	Comb. SLE (SLD Danno sism.) 38	
39	SLD(sis)	Comb. SLE (SLD Danno sism.) 39	
40	SLD(sis)	Comb. SLE (SLD Danno sism.) 40	
41	SLD(sis)	Comb. SLE (SLD Danno sism.) 41	
42	SLD(sis)	Comb. SLE (SLD Danno sism.) 42	
43	SLD(sis)	Comb. SLE (SLD Danno sism.) 43	
44	SLD(sis)	Comb. SLE (SLD Danno sism.) 44	
45	SLD(sis)	Comb. SLE (SLD Danno sism.) 45	
46	SLD(sis)	Comb. SLE (SLD Danno sism.) 46	

Cmb	Tipo	Sigla Id	effetto P-delta
47	SLD(sis)	Comb. SLE (SLD Danno sism.) 47	
48	SLD(sis)	Comb. SLE (SLD Danno sism.) 48	
49	SLD(sis)	Comb. SLE (SLD Danno sism.) 49	
50	SLD(sis)	Comb. SLE (SLD Danno sism.) 50	
51	SLD(sis)	Comb. SLE (SLD Danno sism.) 51	
52	SLD(sis)	Comb. SLE (SLD Danno sism.) 52	
53	SLD(sis)	Comb. SLE (SLD Danno sism.) 53	
54	SLD(sis)	Comb. SLE (SLD Danno sism.) 54	
55	SLD(sis)	Comb. SLE (SLD Danno sism.) 55	
56	SLD(sis)	Comb. SLE (SLD Danno sism.) 56	
57	SLD(sis)	Comb. SLE (SLD Danno sism.) 57	
58	SLD(sis)	Comb. SLE (SLD Danno sism.) 58	
59	SLD(sis)	Comb. SLE (SLD Danno sism.) 59	
60	SLD(sis)	Comb. SLE (SLD Danno sism.) 60	
61	SLD(sis)	Comb. SLE (SLD Danno sism.) 61	
62	SLD(sis)	Comb. SLE (SLD Danno sism.) 62	
63	SLD(sis)	Comb. SLE (SLD Danno sism.) 63	
64	SLD(sis)	Comb. SLE (SLD Danno sism.) 64	
65	SLD(sis)	Comb. SLE (SLD Danno sism.) 65	
66	SLD(sis)	Comb. SLE (SLD Danno sism.) 66	
67	SLD(sis)	Comb. SLE (SLD Danno sism.) 67	
68	SLD(sis)	Comb. SLE (SLD Danno sism.) 68	
69	SLD(sis)	Comb. SLE (SLO Operativo sism.) 69	
70	SLD(sis)	Comb. SLE (SLO Operativo sism.) 70	
71	SLD(sis)	Comb. SLE (SLO Operativo sism.) 71	
72	SLD(sis)	Comb. SLE (SLO Operativo sism.) 72	
73	SLD(sis)	Comb. SLE (SLO Operativo sism.) 73	
74	SLD(sis)	Comb. SLE (SLO Operativo sism.) 74	
75	SLD(sis)	Comb. SLE (SLO Operativo sism.) 75	
76	SLD(sis)	Comb. SLE (SLO Operativo sism.) 76	
77	SLD(sis)	Comb. SLE (SLO Operativo sism.) 77	
78	SLD(sis)	Comb. SLE (SLO Operativo sism.) 78	
79	SLD(sis)	Comb. SLE (SLO Operativo sism.) 79	
80	SLD(sis)	Comb. SLE (SLO Operativo sism.) 80	
81	SLD(sis)	Comb. SLE (SLO Operativo sism.) 81	
82	SLD(sis)	Comb. SLE (SLO Operativo sism.) 82	
83	SLD(sis)	Comb. SLE (SLO Operativo sism.) 83	
84	SLD(sis)	Comb. SLE (SLO Operativo sism.) 84	
85	SLD(sis)	Comb. SLE (SLO Operativo sism.) 85	
86	SLD(sis)	Comb. SLE (SLO Operativo sism.) 86	
87	SLD(sis)	Comb. SLE (SLO Operativo sism.) 87	
88	SLD(sis)	Comb. SLE (SLO Operativo sism.) 88	
89	SLD(sis)	Comb. SLE (SLO Operativo sism.) 89	
90	SLD(sis)	Comb. SLE (SLO Operativo sism.) 90	
91	SLD(sis)	Comb. SLE (SLO Operativo sism.) 91	
92	SLD(sis)	Comb. SLE (SLO Operativo sism.) 92	
93	SLD(sis)	Comb. SLE (SLO Operativo sism.) 93	
94	SLD(sis)	Comb. SLE (SLO Operativo sism.) 94	
95	SLD(sis)	Comb. SLE (SLO Operativo sism.) 95	
96	SLD(sis)	Comb. SLE (SLO Operativo sism.) 96	
97	SLD(sis)	Comb. SLE (SLO Operativo sism.) 97	
98	SLD(sis)	Comb. SLE (SLO Operativo sism.) 98	
99	SLD(sis)	Comb. SLE (SLO Operativo sism.) 99	
100	SLD(sis)	Comb. SLE (SLO Operativo sism.) 100	
101	SLE(r)	Comb. SLE(rara) 101	
102	SLE(r)	Comb. SLE(rara) 102	
103	SLE(f)	Comb. SLE(freq.) 103	
104	SLE(f)	Comb. SLE(freq.) 104	
105	SLE(p)	Comb. SLE(perm.) 105	
106	SLE(p)	Comb. SLE(perm.) 106	

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	1.30	1.30	1.50	0.0	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0		0.0											
2	1.30	1.30	1.50	1.50	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
3	1.00	1.00	0.0	0.0	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											

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...
4	1.00	1.00	0.0	1.50	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											
5	1.00	1.00	1.00	0.30	1.00	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
6	1.00	1.00	1.00	0.30	1.00	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
7	1.00	1.00	1.00	0.30	1.00	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
8	1.00	1.00	1.00	0.30	1.00	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
9	1.00	1.00	1.00	0.30	1.00	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
10	1.00	1.00	1.00	0.30	1.00	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
11	1.00	1.00	1.00	0.30	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
12	1.00	1.00	1.00	0.30	1.00	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
13	1.00	1.00	1.00	0.30	1.00	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
14	1.00	1.00	1.00	0.30	1.00	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
15	1.00	1.00	1.00	0.30	1.00	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
16	1.00	1.00	1.00	0.30	1.00	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
17	1.00	1.00	1.00	0.30	1.00	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
18	1.00	1.00	1.00	0.30	1.00	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
19	1.00	1.00	1.00	0.30	1.00	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
20	1.00	1.00	1.00	0.30	1.00	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
21	1.00	1.00	1.00	0.30	1.00	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
22	1.00	1.00	1.00	0.30	1.00	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
23	1.00	1.00	1.00	0.30	1.00	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
24	1.00	1.00	1.00	0.30	1.00	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
25	1.00	1.00	1.00	0.30	1.00	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
26	1.00	1.00	1.00	0.30	1.00	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
27	1.00	1.00	1.00	0.30	1.00	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
28	1.00	1.00	1.00	0.30	1.00	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
29	1.00	1.00	1.00	0.30	1.00	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
30	1.00	1.00	1.00	0.30	1.00	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
31	1.00	1.00	1.00	0.30	1.00	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
32	1.00	1.00	1.00	0.30	1.00	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
33	1.00	1.00	1.00	0.30	1.00	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
34	1.00	1.00	1.00	0.30	1.00	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
35	1.00	1.00	1.00	0.30	1.00	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
36	1.00	1.00	1.00	0.30	1.00	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
37	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0											
38	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0											
39	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	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...
40	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0											
41	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0
	0.0	0.0	0.0											
42	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	0.0
	0.0	0.0	0.0											
43	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	0.0
	0.0	0.0	0.0											
44	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0
	0.0	0.0	0.0											
45	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0
	0.0	0.0	0.0											
46	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	0.0
	0.0	0.0	0.0											
47	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0
	0.0	0.0	0.0											
48	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0
	0.0	0.0	0.0											
49	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0
	0.0	0.0	0.0											
50	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0
	0.0	0.0	0.0											
51	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0
	0.0	0.0	0.0											
52	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0
	0.0	0.0	0.0											
53	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0											
54	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0											
55	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0											
56	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0											
57	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0
	0.0	0.0	0.0											
58	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	0.0
	0.0	0.0	0.0											
59	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	0.0
	0.0	0.0	0.0											
60	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0
	0.0	0.0	0.0											
61	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0
	0.0	0.0	0.0											
62	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	0.0
	0.0	0.0	0.0											
63	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	0.0
	0.0	0.0	0.0											
64	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0
	0.0	0.0	0.0											
65	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0
	0.0	0.0	0.0											
66	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0											
67	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0
	0.0	0.0	0.0											
68	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0
	0.0	0.0	0.0											
69	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	-0.30	0.0											
70	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	0.30	0.0											
71	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	-0.30	0.0											
72	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.30	0.0											
73	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	0.0	-0.30											
74	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	0.0	0.30											
75	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.0	-0.30											

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...
76	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.0	0.30											
77	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	-0.30	0.0											
78	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.30	0.0											
79	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	-0.30	0.0											
80	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.30	0.0											
81	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.0	-0.30											
82	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.0	0.30											
83	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	-0.30											
84	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	0.30											
85	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	-1.00	0.0											
86	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	1.00	0.0											
87	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	-1.00	0.0											
88	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	1.00	0.0											
89	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	-1.00	0.0											
90	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	1.00	0.0											
91	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	-1.00	0.0											
92	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	1.00	0.0											
93	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	0.0	-1.00											
94	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	0.0	1.00											
95	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	0.0	-1.00											
96	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	0.0	1.00											
97	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	0.0	-1.00											
98	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	0.0	1.00											
99	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	0.0	-1.00											
100	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	0.0	1.00											
101	1.00	1.00	1.00	0.0	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											
102	1.00	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
103	1.00	1.00	1.00	0.0	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											
104	1.00	1.00	1.00	0.50	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											
105	1.00	1.00	1.00	0.0	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											
106	1.00	1.00	1.00	0.30	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											

13. AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

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

ag: accelerazione orizzontale massima del terreno;

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

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

14. Parametri della struttura					
Classe d'uso	Vita V_n [anni]	Coeff. Uso	Periodo V_r [anni]	Tipo di suolo	Categoria topografica
IV	50.0	2.0	100.0	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 $S = S_s \cdot S_t$ (3.2.5)

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

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

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

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

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

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	14.791	40.914	
32986	14.746	40.878	5.489
32987	14.813	40.877	4.496
32765	14.814	40.927	2.405
32764	14.747	40.928	3.998

SL	P _{ver}	T _r	ag	Fo	T*c
		Anni	g		sec
SLO	81.0	60.0	0.076	2.330	0.320
SLD	63.0	101.0	0.098	2.350	0.330
SLV	10.0	949.0	0.247	2.430	0.380
SLC	5.0	1950.0	0.308	2.480	0.400

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.076	1.200	2.330	0.867	0.147	0.442	1.904
SLD	0.098	1.200	2.350	0.994	0.151	0.453	1.992
SLV	0.247	1.160	2.430	1.631	0.169	0.507	2.588
SLC	0.308	1.095	2.480	1.857	0.176	0.528	2.830

14. 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 di struttura q	Fattore 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 sottoriportati (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/Ls (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/Ls (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).

Qualora si applichi il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") l'analisi sismica dinamica può essere comprensiva di sollecitazione verticale contemporanea a quella orizzontale, nel qual caso è effettuata una sovrapposizione degli effetti in ragione della radice dei quadrati degli effetti stessi. Per ciascuna combinazione sismica - analisi effettuate con il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")

- viene riportato il livello di deformazione ϵ_T , ϵ_P e ϵ_D degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità $1000 \cdot \epsilon_T/h$ da confrontare direttamente con il valore 2 o 4 per la verifica.

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo l'allegato 10.A dell'Ordinanza 3274 e smi. In particolare la tabella, per ogni combinazione SLU (SLC per il DM 14-01-2008) sismica riporta il codice di verifica e i valori utilizzati per la verifica: spostamento d_E , area ridotta e dimensione A_2 , azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.

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

Affinchè 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
6	Edk	CDC=Ed (dinamico SLU) $\alpha=0.0$ (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito $S = 1.160$
			ordinata spettro (tratto T_b-T_c) = 0.464 g
			angolo di ingresso: 0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T_1 : 0.601 sec.
			fattore di struttura q : 1.500
			fattore per spost. μ : 1.500
			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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	0.0	-11.80	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	0.0	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	0.0	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	0.0	-32.50	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	0.0	-36.30	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	0.0	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	0.0	-0.31	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	0.0	-78.00	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	0.0	-1.30e-03	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	0.0	-6.94e-04	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	0.0	-1.30e-03	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	0.0	-144.81	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	0.0	-142.68	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.663	0.601	0.392	1.313e+06	73.7	1467.66	8.24e-02	4.48	2.51e-04	0.0	0.0
2	1.894	0.528	0.446	1960.10	0.1	1.414e+06	79.3	5.36	3.01e-04	0.0	0.0
3	2.161	0.463	0.464	6.564e+04	3.7	1298.32	7.29e-02	0.05	2.83e-06	0.0	0.0
4	2.207	0.453	0.464	5.490e+04	3.1	0.50	2.79e-05	3.46e-04	0.0	0.0	0.0
5	3.027	0.330	0.464	47.53	2.67e-03	3.10e-04	0.0	6.19e-04	0.0	0.0	0.0
6	4.455	0.224	0.464	5649.17	0.3	0.07	3.85e-06	0.24	1.37e-05	0.0	0.0
7	4.677	0.214	0.464	3.27	1.83e-04	3.773e+04	2.1	53.76	3.02e-03	0.0	0.0
8	4.832	0.207	0.464	146.06	8.20e-03	4186.51	0.2	2.32	1.30e-04	0.0	0.0
9	4.922	0.203	0.464	862.99	4.84e-02	1576.80	8.85e-02	0.45	2.54e-05	0.0	0.0
10	5.347	0.187	0.464	1.670e+04	0.9	8.04	4.51e-04	9.35	5.25e-04	0.0	0.0
11	5.517	0.181	0.464	4085.22	0.2	9.65	5.42e-04	1.023e+04	0.6	0.0	0.0
12	5.529	0.181	0.464	19.01	1.07e-03	2.45	1.37e-04	1.759e+04	1.0	0.0	0.0
13	5.802	0.172	0.464	1186.42	6.66e-02	0.40	2.24e-05	1.093e+04	0.6	0.0	0.0
14	6.188	0.162	0.457	2.730e+05	15.3	568.13	3.19e-02	1018.48	5.72e-02	0.0	0.0
15	6.744	0.148	0.442	5382.78	0.3	834.67	4.68e-02	49.38	2.77e-03	0.0	0.0
16	7.303	0.137	0.431	650.60	3.65e-02	1.110e+05	6.2	5407.14	0.3	0.0	0.0
17	7.335	0.136	0.430	7096.38	0.4	1.959e+05	11.0	2636.77	0.1	0.0	0.0
18	7.841	0.128	0.421	2.133e+04	1.2	7707.91	0.4	134.02	7.52e-03	0.0	0.0
Risulta				1.771e+06		1.776e+06		4.807e+04			
In percentuale				99.42		99.67		2.70			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.160
			ordinata spettro (tratto Tb-Tc) = 0.464 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.590 sec.
			fattore di struttura q: 1.500
			fattore per spost. mu d: 1.500
			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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	0.0	11.80	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	0.0	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	0.0	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	0.0	32.50	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	0.0	36.30	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	0.0	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	0.0	0.31	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	0.0	78.00	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	0.0	1.30e-03	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	0.0	6.94e-04	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	0.0	1.30e-03	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	0.0	144.81	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	0.0	142.68	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.694	0.590	0.399	1.378e+06	77.3	784.68	4.40e-02	4.59	2.57e-04	0.0	0.0
2	1.894	0.528	0.446	725.25	4.07e-02	1.413e+06	79.3	5.08	2.85e-04	0.0	0.0
3	2.129	0.470	0.464	143.85	8.07e-03	2636.93	0.1	0.54	3.04e-05	0.0	0.0
4	2.260	0.442	0.464	5.420e+04	3.0	0.04	2.17e-06	3.72e-04	0.0	0.0	0.0
5	3.151	0.317	0.464	46.60	2.62e-03	4.54e-06	0.0	1.63e-04	0.0	0.0	0.0
6	4.435	0.225	0.464	8206.69	0.5	2.58e-03	0.0	0.37	2.08e-05	0.0	0.0
7	4.675	0.214	0.464	7.27	4.08e-04	3.772e+04	2.1	32.58	1.83e-03	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
8	4.832	0.207	0.464	113.69	6.38e-03	4283.56	0.2	0.51	2.89e-05	0.0	0.0
9	4.920	0.203	0.464	714.30	4.01e-02	1522.45	8.55e-02	0.09	4.90e-06	0.0	0.0
10	5.517	0.181	0.464	5150.44	0.3	2.20	1.24e-04	9771.91	0.5	0.0	0.0
11	5.529	0.181	0.464	16.07	9.02e-04	2.33	1.31e-04	1.792e+04	1.0	0.0	0.0
12	5.781	0.173	0.464	5964.10	0.3	0.30	1.70e-05	8326.25	0.5	0.0	0.0
13	5.844	0.171	0.464	3.857e+04	2.2	13.20	7.41e-04	2447.35	0.1	0.0	0.0
14	5.925	0.169	0.464	4.969e+04	2.8	0.09	5.17e-06	766.40	4.30e-02	0.0	0.0
15	6.450	0.155	0.450	2.197e+05	12.3	69.09	3.88e-03	699.53	3.93e-02	0.0	0.0
16	7.302	0.137	0.431	1307.24	7.34e-02	2.279e+05	12.8	1771.22	9.94e-02	0.0	0.0
17	7.323	0.137	0.430	7416.89	0.4	7.041e+04	4.0	6223.77	0.3	0.0	0.0
18	7.774	0.129	0.422	4539.18	0.3	1.654e+04	0.9	67.44	3.79e-03	0.0	0.0
Risulta				1.774e+06		1.775e+06		4.804e+04			
In percentuale				99.57		99.61		2.70			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.160
			ordinata spettro (tratto Tb-Tc) = 0.464 g
			angolo di ingresso: 90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.538 sec.
			fattore di struttura q: 1.500
			fattore per spost. mu d: 1.500
			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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	45.00	0.0	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	45.00	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	45.01	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	127.80	0.0	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	141.10	0.0	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	116.00	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	119.81	0.0	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	45.01	0.0	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	125.10	0.0	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	40.05	0.0	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	35.90	0.0	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	141.10	0.0	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	150.90	0.0	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.686	0.593	0.397	1.344e+06	75.4	1.199e+04	0.7	4.21	2.36e-04	0.0	0.0
2	1.860	0.538	0.438	2.235e+04	1.3	1.265e+06	71.0	4.86	2.73e-04	0.0	0.0
3	2.179	0.459	0.464	1.214e+04	0.7	1.397e+05	7.8	1.22	6.87e-05	0.0	0.0
4	2.237	0.447	0.464	5.530e+04	3.1	4.67	2.62e-04	5.68e-04	0.0	0.0	0.0
5	3.082	0.324	0.464	0.42	2.36e-05	2.76	1.55e-04	2.33e-04	0.0	0.0	0.0
6	4.437	0.225	0.464	6632.12	0.4	2.35	1.32e-04	0.25	1.39e-05	0.0	0.0
7	4.585	0.218	0.464	0.44	2.45e-05	2.723e+04	1.5	31.04	1.74e-03	0.0	0.0
8	5.028	0.199	0.464	0.91	5.11e-05	6621.44	0.4	11.08	6.22e-04	0.0	0.0
9	5.294	0.189	0.464	0.07	3.96e-06	9359.19	0.5	5.16e-03	0.0	0.0	0.0
10	5.516	0.181	0.464	6726.23	0.4	18.60	1.04e-03	8523.53	0.5	0.0	0.0
11	5.529	0.181	0.464	0.01	0.0	0.02	0.0	1.906e+04	1.1	0.0	0.0
12	5.572	0.179	0.464	1.490e+04	0.8	10.96	6.15e-04	467.49	2.62e-02	0.0	0.0
13	5.804	0.172	0.464	1684.22	9.45e-02	5.26	2.95e-04	1.084e+04	0.6	0.0	0.0
14	6.156	0.162	0.457	1.610e+05	9.0	79.15	4.44e-03	584.31	3.28e-02	0.0	0.0
15	6.519	0.153	0.448	1.281e+05	7.2	8227.58	0.5	475.07	2.67e-02	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
16	6.978	0.143	0.437	8925.39	0.5	2.174e+05	12.2	65.93	3.70e-03	0.0	0.0
17	7.326	0.137	0.430	1.149e+04	0.6	321.48	1.80e-02	7969.51	0.4	0.0	0.0
18	7.974	0.125	0.418	223.83	1.26e-02	1.804e+04	1.0	0.18	1.03e-05	0.0	0.0
Risulta				1.773e+06		1.704e+06		4.803e+04			
In percentuale				99.54		95.65		2.70			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.160
			ordinata spettro (tratto Tb-Tc) = 0.464 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.535 sec.
			fattore di struttura q: 1.500
			fattore per spost. mu d: 1.500
			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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	-45.00	0.0	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	-45.00	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	-45.01	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	-127.80	0.0	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	-141.10	0.0	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	-116.00	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	-119.81	0.0	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	-45.01	0.0	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	-125.10	0.0	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	-40.05	0.0	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	-35.90	0.0	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	-141.10	0.0	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	-150.90	0.0	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.687	0.593	0.397	1.359e+06	76.3	903.04	5.07e-02	5.12	2.87e-04	0.0	0.0
2	1.871	0.535	0.440	4355.87	0.2	1.311e+06	73.6	4.27	2.39e-04	0.0	0.0
3	2.166	0.462	0.464	1.528e+04	0.9	1.039e+05	5.8	0.46	2.59e-05	0.0	0.0
4	2.237	0.447	0.464	5.534e+04	3.1	7.47	4.19e-04	1.23e-04	0.0	0.0	0.0
5	3.082	0.324	0.464	0.43	2.43e-05	2.67	1.50e-04	5.56e-04	0.0	0.0	0.0
6	4.437	0.225	0.464	6618.45	0.4	33.31	1.87e-03	0.24	1.36e-05	0.0	0.0
7	4.462	0.224	0.464	14.59	8.19e-04	2.747e+04	1.5	5.57	3.13e-04	0.0	0.0
8	4.582	0.218	0.464	2.93e-04	0.0	1.050e+04	0.6	24.12	1.35e-03	0.0	0.0
9	5.061	0.198	0.464	1.64	9.21e-05	6059.06	0.3	17.84	1.00e-03	0.0	0.0
10	5.516	0.181	0.464	6680.36	0.4	1.01	5.66e-05	8336.05	0.5	0.0	0.0
11	5.529	0.181	0.464	0.54	3.02e-05	4.75e-03	0.0	1.926e+04	1.1	0.0	0.0
12	5.572	0.179	0.464	1.488e+04	0.8	0.72	4.07e-05	468.29	2.63e-02	0.0	0.0
13	5.804	0.172	0.464	1642.71	9.22e-02	0.03	1.80e-06	1.083e+04	0.6	0.0	0.0
14	6.156	0.162	0.457	1.600e+05	9.0	93.94	5.27e-03	566.91	3.18e-02	0.0	0.0
15	6.532	0.153	0.448	1.363e+05	7.6	462.64	2.60e-02	508.84	2.86e-02	0.0	0.0
16	7.165	0.140	0.433	1050.16	5.89e-02	2.452e+05	13.8	0.41	2.29e-05	0.0	0.0
17	7.325	0.137	0.430	1.104e+04	0.6	233.70	1.31e-02	8010.73	0.4	0.0	0.0
18	7.903	0.127	0.420	2220.21	0.1	6.987e+04	3.9	6.34	3.56e-04	0.0	0.0
Risulta				1.774e+06		1.776e+06		4.804e+04			
In				99.58		99.68		2.70			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
percentuale											

CDC	Tipo	Sigla Id	Note
10	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) = 0.277 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.601 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	0.0	-11.80	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	0.0	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	0.0	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	0.0	-32.50	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	0.0	-36.30	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	0.0	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	0.0	-0.31	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	0.0	-78.00	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	0.0	-1.30e-03	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	0.0	-6.94e-04	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	0.0	-1.30e-03	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	0.0	-144.81	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	0.0	-142.68	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.663	0.601	0.208	1.313e+06	73.7	1467.66	8.24e-02	4.48	2.51e-04	0.0	0.0
2	1.894	0.528	0.237	1960.10	0.1	1.414e+06	79.3	5.36	3.01e-04	0.0	0.0
3	2.161	0.463	0.271	6.564e+04	3.7	1298.32	7.29e-02	0.05	2.83e-06	0.0	0.0
4	2.207	0.453	0.277	5.490e+04	3.1	0.50	2.79e-05	3.46e-04	0.0	0.0	0.0
5	3.027	0.330	0.277	47.53	2.67e-03	3.10e-04	0.0	6.19e-04	0.0	0.0	0.0
6	4.455	0.224	0.277	5649.17	0.3	0.07	3.85e-06	0.24	1.37e-05	0.0	0.0
7	4.677	0.214	0.277	3.27	1.83e-04	3.773e+04	2.1	53.76	3.02e-03	0.0	0.0
8	4.832	0.207	0.277	146.06	8.20e-03	4186.51	0.2	2.32	1.30e-04	0.0	0.0
9	4.922	0.203	0.277	862.99	4.84e-02	1576.80	8.85e-02	0.45	2.54e-05	0.0	0.0
10	5.347	0.187	0.277	1.670e+04	0.9	8.04	4.51e-04	9.35	5.25e-04	0.0	0.0
11	5.517	0.181	0.277	4085.22	0.2	9.65	5.42e-04	1.023e+04	0.6	0.0	0.0
12	5.529	0.181	0.277	19.01	1.07e-03	2.45	1.37e-04	1.759e+04	1.0	0.0	0.0
13	5.802	0.172	0.277	1186.42	6.66e-02	0.40	2.24e-05	1.093e+04	0.6	0.0	0.0
14	6.188	0.162	0.277	2.730e+05	15.3	568.13	3.19e-02	1018.48	5.72e-02	0.0	0.0
15	6.744	0.148	0.274	5382.78	0.3	834.67	4.68e-02	49.38	2.77e-03	0.0	0.0
16	7.303	0.137	0.262	650.60	3.65e-02	1.110e+05	6.2	5407.14	0.3	0.0	0.0
17	7.335	0.136	0.261	7096.38	0.4	1.959e+05	11.0	2636.77	0.1	0.0	0.0
18	7.841	0.128	0.252	2.133e+04	1.2	7707.91	0.4	134.02	7.52e-03	0.0	0.0
Risulta				1.771e+06		1.776e+06		4.807e+04			
In percentuale				99.42		99.67		2.70			

CDC	Tipo	Sigla Id	Note
11	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) = 0.277 g
			angolo di ingresso:0.0

CDC	Tipo	Sigla Id	Note
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.590 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	0.0	11.80	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	0.0	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	0.0	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	0.0	32.50	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	0.0	36.30	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	0.0	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	0.0	0.31	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	0.0	78.00	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	0.0	1.30e-03	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	0.0	6.94e-04	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	0.0	1.30e-03	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	0.0	144.81	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	0.0	142.68	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.694	0.590	0.212	1.378e+06	77.3	784.68	4.40e-02	4.59	2.57e-04	0.0	0.0
2	1.894	0.528	0.237	725.25	4.07e-02	1.413e+06	79.3	5.08	2.85e-04	0.0	0.0
3	2.129	0.470	0.267	143.85	8.07e-03	2636.93	0.1	0.54	3.04e-05	0.0	0.0
4	2.260	0.442	0.277	5.420e+04	3.0	0.04	2.17e-06	3.72e-04	0.0	0.0	0.0
5	3.151	0.317	0.277	46.60	2.62e-03	4.54e-06	0.0	1.63e-04	0.0	0.0	0.0
6	4.435	0.225	0.277	8206.69	0.5	2.58e-03	0.0	0.37	2.08e-05	0.0	0.0
7	4.675	0.214	0.277	7.27	4.08e-04	3.772e+04	2.1	32.58	1.83e-03	0.0	0.0
8	4.832	0.207	0.277	113.69	6.38e-03	4283.56	0.2	0.51	2.89e-05	0.0	0.0
9	4.920	0.203	0.277	714.30	4.01e-02	1522.45	8.55e-02	0.09	4.90e-06	0.0	0.0
10	5.517	0.181	0.277	5150.44	0.3	2.20	1.24e-04	9771.91	0.5	0.0	0.0
11	5.529	0.181	0.277	16.07	9.02e-04	2.33	1.31e-04	1.792e+04	1.0	0.0	0.0
12	5.781	0.173	0.277	5964.10	0.3	0.30	1.70e-05	8326.25	0.5	0.0	0.0
13	5.844	0.171	0.277	3.857e+04	2.2	13.20	7.41e-04	2447.35	0.1	0.0	0.0
14	5.925	0.169	0.277	4.969e+04	2.8	0.09	5.17e-06	766.40	4.30e-02	0.0	0.0
15	6.450	0.155	0.277	2.197e+05	12.3	69.09	3.88e-03	699.53	3.93e-02	0.0	0.0
16	7.302	0.137	0.262	1307.24	7.34e-02	2.279e+05	12.8	1771.22	9.94e-02	0.0	0.0
17	7.323	0.137	0.261	7416.89	0.4	7.041e+04	4.0	6223.77	0.3	0.0	0.0
18	7.774	0.129	0.253	4539.18	0.3	1.654e+04	0.9	67.44	3.79e-03	0.0	0.0
Risulta				1.774e+06		1.775e+06		4.804e+04			
In percentuale				99.57		99.61		2.70			

CDC	Tipo	Sigla Id	Note
12	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) = 0.277 g
			angolo di ingresso: 90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.538 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	45.00	0.0	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	45.00	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1003.33	1.952e+04	1347.89	859.99	45.01	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	127.80	0.0	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	141.10	0.0	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	116.00	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	119.81	0.0	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	45.01	0.0	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	125.10	0.0	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	40.05	0.0	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	35.90	0.0	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	141.10	0.0	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	150.90	0.0	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.686	0.593	0.211	1.344e+06	75.4	1.199e+04	0.7	4.21	2.36e-04	0.0	0.0
2	1.860	0.538	0.233	2.235e+04	1.3	1.265e+06	71.0	4.86	2.73e-04	0.0	0.0
3	2.179	0.459	0.273	1.214e+04	0.7	1.397e+05	7.8	1.22	6.87e-05	0.0	0.0
4	2.237	0.447	0.277	5.530e+04	3.1	4.67	2.62e-04	5.68e-04	0.0	0.0	0.0
5	3.082	0.324	0.277	0.42	2.36e-05	2.76	1.55e-04	2.33e-04	0.0	0.0	0.0
6	4.437	0.225	0.277	6632.12	0.4	2.35	1.32e-04	0.25	1.39e-05	0.0	0.0
7	4.585	0.218	0.277	0.44	2.45e-05	2.723e+04	1.5	31.04	1.74e-03	0.0	0.0
8	5.028	0.199	0.277	0.91	5.11e-05	6621.44	0.4	11.08	6.22e-04	0.0	0.0
9	5.294	0.189	0.277	0.07	3.96e-06	9359.19	0.5	5.16e-03	0.0	0.0	0.0
10	5.516	0.181	0.277	6726.23	0.4	18.60	1.04e-03	8523.53	0.5	0.0	0.0
11	5.529	0.181	0.277	0.01	0.0	0.02	0.0	1.906e+04	1.1	0.0	0.0
12	5.572	0.179	0.277	1.490e+04	0.8	10.96	6.15e-04	467.49	2.62e-02	0.0	0.0
13	5.804	0.172	0.277	1684.22	9.45e-02	5.26	2.95e-04	1.084e+04	0.6	0.0	0.0
14	6.156	0.162	0.277	1.610e+05	9.0	79.15	4.44e-03	584.31	3.28e-02	0.0	0.0
15	6.519	0.153	0.277	1.281e+05	7.2	8227.58	0.5	475.07	2.67e-02	0.0	0.0
16	6.978	0.143	0.269	8925.39	0.5	2.174e+05	12.2	65.93	3.70e-03	0.0	0.0
17	7.326	0.137	0.261	1.149e+04	0.6	321.48	1.80e-02	7969.51	0.4	0.0	0.0
18	7.974	0.125	0.250	223.83	1.26e-02	1.804e+04	1.0	0.18	1.03e-05	0.0	0.0
Risulta				1.773e+06		1.704e+06		4.803e+04			
In percentuale				99.54		95.65		2.70			

CDC	Tipo	Sigla Id	Note
13	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) = 0.277 g
			angolo di ingresso: 90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.535 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	-45.00	0.0	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	-45.00	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	-45.01	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	-127.80	0.0	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	-141.10	0.0	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	-116.00	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	-119.81	0.0	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	-45.01	0.0	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	-125.10	0.0	1348.05	2290.00	1.274	3.6060e-06	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
742.83	5578.91	1348.08	2135.13	-40.05	0.0	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	-35.90	0.0	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	-141.10	0.0	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	-150.90	0.0	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.687	0.593	0.211	1.359e+06	76.3	903.04	5.07e-02	5.12	2.87e-04	0.0	0.0
2	1.871	0.535	0.234	4355.87	0.2	1.311e+06	73.6	4.27	2.39e-04	0.0	0.0
3	2.166	0.462	0.271	1.528e+04	0.9	1.039e+05	5.8	0.46	2.59e-05	0.0	0.0
4	2.237	0.447	0.277	5.534e+04	3.1	7.47	4.19e-04	1.23e-04	0.0	0.0	0.0
5	3.082	0.324	0.277	0.43	2.43e-05	2.67	1.50e-04	5.56e-04	0.0	0.0	0.0
6	4.437	0.225	0.277	6618.45	0.4	33.31	1.87e-03	0.24	1.36e-05	0.0	0.0
7	4.462	0.224	0.277	14.59	8.19e-04	2.747e+04	1.5	5.57	3.13e-04	0.0	0.0
8	4.582	0.218	0.277	2.93e-04	0.0	1.050e+04	0.6	24.12	1.35e-03	0.0	0.0
9	5.061	0.198	0.277	1.64	9.21e-05	6059.06	0.3	17.84	1.00e-03	0.0	0.0
10	5.516	0.181	0.277	6680.36	0.4	1.01	5.66e-05	8336.05	0.5	0.0	0.0
11	5.529	0.181	0.277	0.54	3.02e-05	4.75e-03	0.0	1.926e+04	1.1	0.0	0.0
12	5.572	0.179	0.277	1.488e+04	0.8	0.72	4.07e-05	468.29	2.63e-02	0.0	0.0
13	5.804	0.172	0.277	1642.71	9.22e-02	0.03	1.80e-06	1.083e+04	0.6	0.0	0.0
14	6.156	0.162	0.277	1.600e+05	9.0	93.94	5.27e-03	566.91	3.18e-02	0.0	0.0
15	6.532	0.153	0.277	1.363e+05	7.6	462.64	2.60e-02	508.84	2.86e-02	0.0	0.0
16	7.165	0.140	0.265	1050.16	5.89e-02	2.452e+05	13.8	0.41	2.29e-05	0.0	0.0
17	7.325	0.137	0.261	1.104e+04	0.6	233.70	1.31e-02	8010.73	0.4	0.0	0.0
18	7.903	0.127	0.251	2220.21	0.1	6.987e+04	3.9	6.34	3.56e-04	0.0	0.0
Risulta				1.774e+06		1.776e+06		4.804e+04			
In percentuale				99.58		99.68		2.70			

CDC	Tipo	Sigla Id	Note
14	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.212 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.601 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	0.0	-11.80	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	0.0	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	0.0	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	0.0	-32.50	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	0.0	-36.30	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	0.0	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	0.0	-0.31	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	0.0	-78.00	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	0.0	-1.30e-03	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	0.0	-6.94e-04	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	0.0	-1.30e-03	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	0.0	-144.81	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	0.0	-142.68	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.663	0.601	0.156	1.313e+06	73.7	1467.66	8.24e-02	4.48	2.51e-04	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
2	1.894	0.528	0.178	1960.10	0.1	1.414e+06	79.3	5.36	3.01e-04	0.0	0.0
3	2.161	0.463	0.203	6.564e+04	3.7	1298.32	7.29e-02	0.05	2.83e-06	0.0	0.0
4	2.207	0.453	0.207	5.490e+04	3.1	0.50	2.79e-05	3.46e-04	0.0	0.0	0.0
5	3.027	0.330	0.212	47.53	2.67e-03	3.10e-04	0.0	6.19e-04	0.0	0.0	0.0
6	4.455	0.224	0.212	5649.17	0.3	0.07	3.85e-06	0.24	1.37e-05	0.0	0.0
7	4.677	0.214	0.212	3.27	1.83e-04	3.773e+04	2.1	53.76	3.02e-03	0.0	0.0
8	4.832	0.207	0.212	146.06	8.20e-03	4186.51	0.2	2.32	1.30e-04	0.0	0.0
9	4.922	0.203	0.212	862.99	4.84e-02	1576.80	8.85e-02	0.45	2.54e-05	0.0	0.0
10	5.347	0.187	0.212	1.670e+04	0.9	8.04	4.51e-04	9.35	5.25e-04	0.0	0.0
11	5.517	0.181	0.212	4085.22	0.2	9.65	5.42e-04	1.023e+04	0.6	0.0	0.0
12	5.529	0.181	0.212	19.01	1.07e-03	2.45	1.37e-04	1.759e+04	1.0	0.0	0.0
13	5.802	0.172	0.212	1186.42	6.66e-02	0.40	2.24e-05	1.093e+04	0.6	0.0	0.0
14	6.188	0.162	0.212	2.730e+05	15.3	568.13	3.19e-02	1018.48	5.72e-02	0.0	0.0
15	6.744	0.148	0.212	5382.78	0.3	834.67	4.68e-02	49.38	2.77e-03	0.0	0.0
16	7.303	0.137	0.204	650.60	3.65e-02	1.110e+05	6.2	5407.14	0.3	0.0	0.0
17	7.335	0.136	0.204	7096.38	0.4	1.959e+05	11.0	2636.77	0.1	0.0	0.0
18	7.841	0.128	0.196	2.133e+04	1.2	7707.91	0.4	134.02	7.52e-03	0.0	0.0
Risulta				1.771e+06		1.776e+06		4.807e+04			
In percentuale				99.42		99.67		2.70			

CDC	Tipo	Sigla Id	Note
15	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.212 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.590 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	0.0	11.80	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	0.0	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	0.0	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	0.0	32.50	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	0.0	36.30	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	0.0	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	0.0	0.31	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	0.0	78.00	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	0.0	1.30e-03	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	0.0	6.94e-04	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	0.0	1.30e-03	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	0.0	144.81	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	0.0	142.68	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.694	0.590	0.159	1.378e+06	77.3	784.68	4.40e-02	4.59	2.57e-04	0.0	0.0
2	1.894	0.528	0.178	725.25	4.07e-02	1.413e+06	79.3	5.08	2.85e-04	0.0	0.0
3	2.129	0.470	0.200	143.85	8.07e-03	2636.93	0.1	0.54	3.04e-05	0.0	0.0
4	2.260	0.442	0.212	5.420e+04	3.0	0.04	2.17e-06	3.72e-04	0.0	0.0	0.0
5	3.151	0.317	0.212	46.60	2.62e-03	4.54e-06	0.0	1.63e-04	0.0	0.0	0.0
6	4.435	0.225	0.212	8206.69	0.5	2.58e-03	0.0	0.37	2.08e-05	0.0	0.0
7	4.675	0.214	0.212	7.27	4.08e-04	3.772e+04	2.1	32.58	1.83e-03	0.0	0.0
8	4.832	0.207	0.212	113.69	6.38e-03	4283.56	0.2	0.51	2.89e-05	0.0	0.0
9	4.920	0.203	0.212	714.30	4.01e-02	1522.45	8.55e-02	0.09	4.90e-06	0.0	0.0
10	5.517	0.181	0.212	5150.44	0.3	2.20	1.24e-04	9771.91	0.5	0.0	0.0
11	5.529	0.181	0.212	16.07	9.02e-04	2.33	1.31e-04	1.792e+04	1.0	0.0	0.0
12	5.781	0.173	0.212	5964.10	0.3	0.30	1.70e-05	8326.25	0.5	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
13	5.844	0.171	0.212	3.857e+04	2.2	13.20	7.41e-04	2447.35	0.1	0.0	0.0
14	5.925	0.169	0.212	4.969e+04	2.8	0.09	5.17e-06	766.40	4.30e-02	0.0	0.0
15	6.450	0.155	0.212	2.197e+05	12.3	69.09	3.88e-03	699.53	3.93e-02	0.0	0.0
16	7.302	0.137	0.204	1307.24	7.34e-02	2.279e+05	12.8	1771.22	9.94e-02	0.0	0.0
17	7.323	0.137	0.204	7416.89	0.4	7.041e+04	4.0	6223.77	0.3	0.0	0.0
18	7.774	0.129	0.197	4539.18	0.3	1.654e+04	0.9	67.44	3.79e-03	0.0	0.0
Risulta In percentuale				1.774e+06 99.57		1.775e+06 99.61		4.804e+04 2.70			

CDC	Tipo	Sigla Id	Note
16	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.212 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.538 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	45.00	0.0	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	45.00	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	45.01	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	127.80	0.0	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	141.10	0.0	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	116.00	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	119.81	0.0	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	45.01	0.0	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	125.10	0.0	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	40.05	0.0	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	35.90	0.0	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	141.10	0.0	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	150.90	0.0	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.686	0.593	0.158	1.344e+06	75.4	1.199e+04	0.7	4.21	2.36e-04	0.0	0.0
2	1.860	0.538	0.175	2.235e+04	1.3	1.265e+06	71.0	4.86	2.73e-04	0.0	0.0
3	2.179	0.459	0.205	1.214e+04	0.7	1.397e+05	7.8	1.22	6.87e-05	0.0	0.0
4	2.237	0.447	0.210	5.530e+04	3.1	4.67	2.62e-04	5.68e-04	0.0	0.0	0.0
5	3.082	0.324	0.212	0.42	2.36e-05	2.76	1.55e-04	2.33e-04	0.0	0.0	0.0
6	4.437	0.225	0.212	6632.12	0.4	2.35	1.32e-04	0.25	1.39e-05	0.0	0.0
7	4.585	0.218	0.212	0.44	2.45e-05	2.723e+04	1.5	31.04	1.74e-03	0.0	0.0
8	5.028	0.199	0.212	0.91	5.11e-05	6621.44	0.4	11.08	6.22e-04	0.0	0.0
9	5.294	0.189	0.212	0.07	3.96e-06	9359.19	0.5	5.16e-03	0.0	0.0	0.0
10	5.516	0.181	0.212	6726.23	0.4	18.60	1.04e-03	8523.53	0.5	0.0	0.0
11	5.529	0.181	0.212	0.01	0.0	0.02	0.0	1.906e+04	1.1	0.0	0.0
12	5.572	0.179	0.212	1.490e+04	0.8	10.96	6.15e-04	467.49	2.62e-02	0.0	0.0
13	5.804	0.172	0.212	1684.22	9.45e-02	5.26	2.95e-04	1.084e+04	0.6	0.0	0.0
14	6.156	0.162	0.212	1.610e+05	9.0	79.15	4.44e-03	584.31	3.28e-02	0.0	0.0
15	6.519	0.153	0.212	1.281e+05	7.2	8227.58	0.5	475.07	2.67e-02	0.0	0.0
16	6.978	0.143	0.209	8925.39	0.5	2.174e+05	12.2	65.93	3.70e-03	0.0	0.0
17	7.326	0.137	0.204	1.149e+04	0.6	321.48	1.80e-02	7969.51	0.4	0.0	0.0
18	7.974	0.125	0.195	223.83	1.26e-02	1.804e+04	1.0	0.18	1.03e-05	0.0	0.0
Risulta In percentuale				1.773e+06 99.54		1.704e+06 95.65		4.803e+04 2.70			

CDC	Tipo	Sigla Id	Note
17	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.212 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.535 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	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1153.74	8139.90	1348.05	1185.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.47	5.252e+04	1347.94	1184.62	-45.00	0.0	0.0	0.0	0.0	0.0	0.0
1031.29	2.312e+04	1348.18	1509.99	-45.00	0.0	1348.05	1509.99	1.732	2.9170e-04	0.0
1003.33	1.952e+04	1347.89	859.99	-45.01	0.0	1347.93	859.99	1.732	8.5341e-05	0.0
929.74	3.821e+04	1344.71	1185.00	-127.80	0.0	1348.05	1184.99	1.711	0.003	5.6948e-06
903.00	2.029e+04	1335.32	1185.14	-141.10	0.0	0.0	0.0	0.0	0.0	0.0
894.85	6.690e+04	1348.05	1949.99	-116.00	0.0	1348.05	1949.99	1.306	0.0	0.0
875.88	4.199e+04	1347.88	563.34	-119.81	0.0	1347.96	559.54	1.732	6.4705e-05	0.002
800.00	1.190e+05	1348.02	1073.49	-45.01	0.0	1348.04	1167.37	1.231	2.7272e-05	0.111
796.20	6054.53	2591.02	392.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
796.14	6049.75	104.91	391.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.88	4.081e+04	1348.05	2290.00	-125.10	0.0	1348.05	2290.00	1.274	3.6060e-06	0.0
742.83	5578.91	1348.08	2135.13	-40.05	0.0	0.0	0.0	0.0	0.0	0.0
695.00	2406.41	1348.10	2290.00	-35.90	0.0	1348.10	2290.00	1.732	0.0	0.0
610.00	5.693e+05	1347.36	1252.85	-141.10	0.0	1350.46	1396.90	1.064	0.002	0.092
250.00	7.618e+05	1349.97	1297.35	-150.90	0.0	1328.25	1368.04	0.993	0.018	0.049
Risulta	1.782e+06									

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	1.687	0.593	0.158	1.359e+06	76.3	903.04	5.07e-02	5.12	2.87e-04	0.0	0.0
2	1.871	0.535	0.176	4355.87	0.2	1.311e+06	73.6	4.27	2.39e-04	0.0	0.0
3	2.166	0.462	0.203	1.528e+04	0.9	1.039e+05	5.8	0.46	2.59e-05	0.0	0.0
4	2.237	0.447	0.210	5.534e+04	3.1	7.47	4.19e-04	1.23e-04	0.0	0.0	0.0
5	3.082	0.324	0.212	0.43	2.43e-05	2.67	1.50e-04	5.56e-04	0.0	0.0	0.0
6	4.437	0.225	0.212	6618.45	0.4	33.31	1.87e-03	0.24	1.36e-05	0.0	0.0
7	4.462	0.224	0.212	14.59	8.19e-04	2.747e+04	1.5	5.57	3.13e-04	0.0	0.0
8	4.582	0.218	0.212	2.93e-04	0.0	1.050e+04	0.6	24.12	1.35e-03	0.0	0.0
9	5.061	0.198	0.212	1.64	9.21e-05	6059.06	0.3	17.84	1.00e-03	0.0	0.0
10	5.516	0.181	0.212	6680.36	0.4	1.01	5.66e-05	8336.05	0.5	0.0	0.0
11	5.529	0.181	0.212	0.54	3.02e-05	4.75e-03	0.0	1.926e+04	1.1	0.0	0.0
12	5.572	0.179	0.212	1.488e+04	0.8	0.72	4.07e-05	468.29	2.63e-02	0.0	0.0
13	5.804	0.172	0.212	1642.71	9.22e-02	0.03	1.80e-06	1.083e+04	0.6	0.0	0.0
14	6.156	0.162	0.212	1.600e+05	9.0	93.94	5.27e-03	566.91	3.18e-02	0.0	0.0
15	6.532	0.153	0.212	1.363e+05	7.6	462.64	2.60e-02	508.84	2.86e-02	0.0	0.0
16	7.165	0.140	0.206	1050.16	5.89e-02	2.452e+05	13.8	0.41	2.29e-05	0.0	0.0
17	7.325	0.137	0.204	1.104e+04	0.6	233.70	1.31e-02	8010.73	0.4	0.0	0.0
18	7.903	0.127	0.196	2220.21	0.1	6.987e+04	3.9	6.34	3.56e-04	0.0	0.0
Risulta				1.774e+06		1.776e+06		4.804e+04			
In percentuale				99.58		99.68		2.70			

Cmb	Pilas. 1000 etaT/h			etaT	inter. h	Pilas. 1000 etaT/h			etaT	inter. h	Pilas. 1000 etaT/h			etaT	inter. h
			cm	cm				cm	cm				cm	cm	
37	1	2.99	0.81	270.0	2	3.35	0.90	270.0	3	3.00	0.81	270.0			
	4	3.25	0.88	270.0	5	2.92	0.79	270.0	6	2.94	0.79	270.0			
	7	3.10	0.84	270.0	8	3.38	0.91	270.0	9	2.66	0.72	270.0			
	10	2.63	0.71	270.0	11	2.73	0.74	270.0	12	2.83	0.76	270.0			
	13	2.52	0.68	270.0	14	2.97	0.80	270.0	15	4.66	1.26	270.0			
	16	2.33	0.63	270.0	17	2.32	0.63	270.0	18	2.34	0.63	270.0			
	19	3.31	0.89	270.0	20	2.84	0.77	270.0	21	2.15	0.58	270.0			
	22	2.12	0.57	270.0	23	2.14	0.58	270.0	24	5.98	1.61	270.0			
	25	2.38	0.64	270.0	26	2.53	0.68	270.0	27	2.67	0.72	270.0			

	28	1.87	0.51	270.0	29	1.86	0.50	270.0	30	1.90	0.51	270.0
	31	4.39	1.19	270.0	32	2.11	0.57	270.0	33	2.22	0.60	270.0
	34	2.41	0.65	270.0	35	1.64	0.44	270.0	36	1.64	0.44	270.0
	37	1.68	0.45	270.0	38	1.78	0.48	270.0	39	1.89	0.51	270.0
	40	2.16	0.58	270.0	41	2.01	0.54	270.0	42	1.67	0.45	270.0
	43	1.49	0.40	270.0	44	1.53	0.41	270.0	45	1.74	0.47	270.0
	46	2.08	0.56	270.0	47	1.45	0.39	270.0	48	1.87	0.50	270.0
	49	1.35	0.36	270.0	50	1.40	0.38	270.0	51	1.61	0.43	270.0
	52	2.03	0.55	270.0	53	1.29	0.35	270.0	54	1.30	0.35	270.0
	55	1.69	0.46	270.0	56	1.84	0.50	270.0	134	5.10	1.84	360.0
	135	5.57	2.00	360.0	136	5.11	1.84	360.0	137	5.45	1.96	360.0
	138	5.01	1.80	360.0	139	5.05	1.82	360.0	140	5.26	1.89	360.0
	141	5.60	2.02	360.0	142	4.76	1.71	360.0	143	4.99	1.80	360.0
	144	4.61	1.66	360.0	145	5.14	1.85	360.0	146	4.41	1.59	360.0
	147	4.44	1.60	360.0	148	4.08	1.47	360.0	149	4.98	1.79	360.0
	150	3.69	1.33	360.0	151	3.73	1.34	360.0	152	3.96	1.42	360.0
	153	4.38	1.58	360.0	154	3.22	1.16	360.0	155	3.27	1.18	360.0
	156	3.56	1.28	360.0	157	3.95	1.42	360.0	158	2.87	1.03	360.0
	159	2.95	1.06	360.0	160	3.24	1.17	360.0	161	3.76	1.35	360.0
	162	2.54	0.92	360.0	163	2.67	0.96	360.0	164	2.93	1.06	360.0
	165	3.61	1.30	360.0	166	2.43	0.87	360.0	167	2.48	0.89	360.0
	168	3.05	1.10	360.0	169	3.29	1.18	360.0	214	0.72	0.06	85.0
	215	0.77	0.07	85.0	218	0.24	0.04	158.9	219	0.30	0.05	158.9
	228	0.27	0.05	190.0	229	0.33	0.06	190.0	230	0.30	0.06	190.0
	231	0.28	0.05	190.0	232	0.39	0.07	190.0	233	0.43	0.08	190.0
	234	0.52	0.10	190.0	235	0.57	0.11	190.0	238	0.17	0.01	73.9
	239	0.23	0.02	73.9	240	0.16	0.04	265.9	241	0.09	0.02	265.9
	250	0.14	0.04	284.9	251	0.12	0.03	284.9	252	0.23	0.07	319.7
	253	1.36	0.43	319.7	254	0.68	0.22	319.7	255	1.21	0.39	319.7
	273	0.56	0.05	94.9	274	0.64	0.06	94.9	276	0.023.07e-03		203.3
	277	0.047.39e-03		203.3	280	0.11	0.03	231.3	281	0.22	0.05	231.3
38	1	2.71	0.73	270.0	2	2.58	0.70	270.0	3	2.65	0.72	270.0
	4	2.59	0.70	270.0	5	2.75	0.74	270.0	6	2.57	0.69	270.0
	7	2.57	0.69	270.0	8	2.54	0.69	270.0	9	2.45	0.66	270.0
	10	2.50	0.67	270.0	11	2.40	0.65	270.0	12	2.40	0.65	270.0
	13	2.53	0.68	270.0	14	2.34	0.63	270.0	15	4.53	1.22	270.0
	16	2.45	0.66	270.0	17	2.34	0.63	270.0	18	2.29	0.62	270.0
	19	3.01	0.81	270.0	20	2.25	0.61	270.0	21	2.32	0.63	270.0
	22	2.19	0.59	270.0	23	2.13	0.58	270.0	24	5.93	1.60	270.0
	25	2.10	0.57	270.0	26	2.07	0.56	270.0	27	2.08	0.56	270.0
	28	2.32	0.63	270.0	29	2.21	0.60	270.0	30	2.17	0.59	270.0
	31	4.45	1.20	270.0	32	2.11	0.57	270.0	33	2.08	0.56	270.0
	34	2.09	0.56	270.0	35	2.22	0.60	270.0	36	2.11	0.57	270.0
	37	2.10	0.57	270.0	38	1.99	0.54	270.0	39	2.00	0.54	270.0
	40	1.98	0.54	270.0	41	1.98	0.53	270.0	42	2.00	0.54	270.0
	43	2.21	0.60	270.0	44	2.05	0.55	270.0	45	1.98	0.53	270.0
	46	1.95	0.53	270.0	47	2.11	0.57	270.0	48	1.95	0.53	270.0
	49	2.21	0.60	270.0	50	2.01	0.54	270.0	51	1.99	0.54	270.0
	52	1.95	0.53	270.0	53	2.12	0.57	270.0	54	2.06	0.55	270.0
	55	1.98	0.53	270.0	56	1.96	0.53	270.0	134	4.64	1.67	360.0
	135	4.48	1.61	360.0	136	4.58	1.65	360.0	137	4.50	1.62	360.0
	138	4.68	1.68	360.0	139	4.52	1.63	360.0	140	4.48	1.61	360.0
	141	4.43	1.59	360.0	142	4.46	1.61	360.0	143	4.36	1.57	360.0
	144	4.56	1.64	360.0	145	4.25	1.53	360.0	146	4.51	1.62	360.0
	147	4.33	1.56	360.0	148	3.63	1.31	360.0	149	4.13	1.49	360.0
	150	4.41	1.59	360.0	151	4.19	1.51	360.0	152	4.04	1.46	360.0
	153	4.00	1.44	360.0	154	4.15	1.50	360.0	155	3.94	1.42	360.0
	156	3.82	1.38	360.0	157	3.78	1.36	360.0	158	4.04	1.45	360.0
	159	3.77	1.36	360.0	160	3.68	1.32	360.0	161	3.62	1.30	360.0
	162	3.96	1.43	360.0	163	3.63	1.31	360.0	164	3.55	1.28	360.0
	165	3.49	1.26	360.0	166	3.80	1.37	360.0	167	3.68	1.33	360.0
	168	3.48	1.25	360.0	169	3.46	1.25	360.0	214	0.97	0.08	85.0
	215	0.89	0.08	85.0	218	0.34	0.05	158.9	219	0.33	0.05	158.9
	228	0.22	0.04	190.0	229	0.32	0.06	190.0	230	0.34	0.06	190.0
	231	0.26	0.05	190.0	232	0.51	0.10	190.0	233	0.46	0.09	190.0
	234	0.68	0.13	190.0	235	0.64	0.12	190.0	238	0.23	0.02	73.9
	239	0.24	0.02	73.9	240	0.15	0.04	265.9	241	0.06	0.02	265.9
	250	0.18	0.05	284.9	251	0.15	0.04	284.9	252	1.21	0.39	319.7
	253	0.28	0.09	319.7	254	1.01	0.32	319.7	255	0.39	0.13	319.7
	273	0.71	0.07	94.9	274	0.74	0.07	94.9	276	0.023.96e-03		203.3
	277	0.05	0.01	203.3	280	0.13	0.03	231.3	281	0.23	0.05	231.3
39	1	2.66	0.72	270.0	2	2.51	0.68	270.0	3	2.60	0.70	270.0
	4	2.52	0.68	270.0	5	2.70	0.73	270.0	6	2.52	0.68	270.0
	7	2.50	0.67	270.0	8	2.47	0.67	270.0	9	2.39	0.65	270.0
	10	2.44	0.66	270.0	11	2.33	0.63	270.0	12	2.33	0.63	270.0
	13	2.48	0.67	270.0	14	2.26	0.61	270.0	15	4.50	1.21	270.0

	16	2.40	0.65	270.0	17	2.29	0.62	270.0	18	2.24	0.60	270.0
	19	3.21	0.87	270.0	20	2.14	0.58	270.0	21	2.28	0.62	270.0
	22	2.15	0.58	270.0	23	2.09	0.56	270.0	24	5.92	1.60	270.0
	25	2.01	0.54	270.0	26	1.98	0.53	270.0	27	1.98	0.53	270.0
	28	2.29	0.62	270.0	29	2.17	0.59	270.0	30	2.13	0.57	270.0
	31	4.44	1.20	270.0	32	2.03	0.55	270.0	33	2.00	0.54	270.0
	34	2.00	0.54	270.0	35	2.18	0.59	270.0	36	2.06	0.56	270.0
	37	2.06	0.55	270.0	38	1.96	0.53	270.0	39	1.94	0.52	270.0
	40	1.91	0.52	270.0	41	1.91	0.52	270.0	42	1.94	0.52	270.0
	43	2.17	0.59	270.0	44	2.02	0.54	270.0	45	1.92	0.52	270.0
	46	1.89	0.51	270.0	47	2.07	0.56	270.0	48	1.89	0.51	270.0
	49	2.18	0.59	270.0	50	2.00	0.54	270.0	51	1.93	0.52	270.0
	52	1.88	0.51	270.0	53	2.10	0.57	270.0	54	2.04	0.55	270.0
	55	1.91	0.51	270.0	56	1.89	0.51	270.0	134	4.69	1.69	360.0
	135	4.31	1.55	360.0	136	4.62	1.66	360.0	137	4.33	1.56	360.0
	138	4.73	1.70	360.0	139	4.52	1.63	360.0	140	4.33	1.56	360.0
	141	4.27	1.54	360.0	142	4.41	1.59	360.0	143	4.26	1.53	360.0
	144	4.53	1.63	360.0	145	4.18	1.50	360.0	146	4.47	1.61	360.0
	147	4.27	1.54	360.0	148	3.37	1.21	360.0	149	4.11	1.48	360.0
	150	4.36	1.57	360.0	151	4.15	1.49	360.0	152	4.05	1.46	360.0
	153	3.99	1.44	360.0	154	4.14	1.49	360.0	155	3.94	1.42	360.0
	156	3.81	1.37	360.0	157	3.75	1.35	360.0	158	4.06	1.46	360.0
	159	3.82	1.38	360.0	160	3.64	1.31	360.0	161	3.55	1.28	360.0
	162	4.01	1.44	360.0	163	3.73	1.34	360.0	164	3.49	1.26	360.0
	165	3.38	1.22	360.0	166	3.89	1.40	360.0	167	3.79	1.36	360.0
	168	3.38	1.22	360.0	169	3.35	1.21	360.0	214	0.91	0.08	85.0
	215	0.91	0.08	85.0	218	0.34	0.05	158.9	219	0.29	0.05	158.9
	228	0.28	0.05	190.0	229	0.27	0.05	190.0	230	0.34	0.06	190.0
	231	0.25	0.05	190.0	232	0.51	0.10	190.0	233	0.42	0.08	190.0
	234	0.66	0.12	190.0	235	0.62	0.12	190.0	238	0.28	0.02	73.9
	239	0.18	0.01	73.9	240	0.12	0.03	265.9	241	0.15	0.04	265.9
	250	0.14	0.04	284.9	251	0.17	0.05	284.9	252	1.32	0.42	319.7
	253	0.16	0.05	319.7	254	1.00	0.32	319.7	255	0.29	0.09	319.7
	273	0.74	0.07	94.9	274	0.67	0.06	94.9	276	0.059.70e-03		203.3
	277	2.55e-035.20e-04		203.3	280	0.23	0.05	231.3	281	0.13	0.03	231.3
40	1	2.94	0.79	270.0	2	3.28	0.89	270.0	3	2.94	0.79	270.0
	4	3.19	0.86	270.0	5	2.87	0.77	270.0	6	2.88	0.78	270.0
	7	3.03	0.82	270.0	8	3.32	0.90	270.0	9	2.59	0.70	270.0
	10	2.57	0.69	270.0	11	2.66	0.72	270.0	12	2.76	0.74	270.0
	13	2.47	0.67	270.0	14	2.90	0.78	270.0	15	4.63	1.25	270.0
	16	2.28	0.62	270.0	17	2.26	0.61	270.0	18	2.29	0.62	270.0
	19	3.51	0.95	270.0	20	2.75	0.74	270.0	21	2.10	0.57	270.0
	22	2.07	0.56	270.0	23	2.10	0.57	270.0	24	5.97	1.61	270.0
	25	2.29	0.62	270.0	26	2.45	0.66	270.0	27	2.59	0.70	270.0
	28	1.83	0.49	270.0	29	1.81	0.49	270.0	30	1.84	0.50	270.0
	31	4.38	1.18	270.0	32	2.04	0.55	270.0	33	2.15	0.58	270.0
	34	2.34	0.63	270.0	35	1.59	0.43	270.0	36	1.59	0.43	270.0
	37	1.62	0.44	270.0	38	1.74	0.47	270.0	39	1.83	0.49	270.0
	40	2.10	0.57	270.0	41	1.95	0.53	270.0	42	1.61	0.44	270.0
	43	1.45	0.39	270.0	44	1.48	0.40	270.0	45	1.67	0.45	270.0
	46	2.03	0.55	270.0	47	1.41	0.38	270.0	48	1.81	0.49	270.0
	49	1.32	0.36	270.0	50	1.36	0.37	270.0	51	1.54	0.42	270.0
	52	1.98	0.53	270.0	53	1.26	0.34	270.0	54	1.28	0.35	270.0
	55	1.63	0.44	270.0	56	1.78	0.48	270.0	134	5.15	1.86	360.0
	135	5.39	1.94	360.0	136	5.17	1.86	360.0	137	5.30	1.91	360.0
	138	5.04	1.81	360.0	139	5.09	1.83	360.0	140	5.15	1.85	360.0
	141	5.43	1.95	360.0	142	4.73	1.70	360.0	143	4.91	1.77	360.0
	144	4.56	1.64	360.0	145	5.03	1.81	360.0	146	4.34	1.56	360.0
	147	4.38	1.58	360.0	148	3.84	1.38	360.0	149	4.91	1.77	360.0
	150	3.62	1.30	360.0	151	3.65	1.32	360.0	152	3.91	1.41	360.0
	153	4.33	1.56	360.0	154	3.18	1.15	360.0	155	3.22	1.16	360.0
	156	3.47	1.25	360.0	157	3.88	1.40	360.0	158	2.87	1.03	360.0
	159	2.93	1.05	360.0	160	3.10	1.12	360.0	161	3.66	1.32	360.0
	162	2.59	0.93	360.0	163	2.66	0.96	360.0	164	2.74	0.99	360.0
	165	3.49	1.26	360.0	166	2.49	0.90	360.0	167	2.52	0.91	360.0
	168	2.87	1.03	360.0	169	3.13	1.13	360.0	214	0.70	0.06	85.0
	215	0.81	0.07	85.0	218	0.27	0.04	158.9	219	0.31	0.05	158.9
	228	0.33	0.06	190.0	229	0.29	0.06	190.0	230	0.34	0.06	190.0
	231	0.30	0.06	190.0	232	0.44	0.08	190.0	233	0.45	0.09	190.0
	234	0.53	0.10	190.0	235	0.60	0.11	190.0	238	0.23	0.02	73.9
	239	0.18	0.01	73.9	240	0.11	0.03	265.9	241	0.16	0.04	265.9
	250	0.12	0.03	284.9	251	0.17	0.05	284.9	252	0.16	0.05	319.7
	253	1.27	0.41	319.7	254	0.80	0.26	319.7	255	1.17	0.37	319.7
	273	0.65	0.06	94.9	274	0.61	0.06	94.9	276	0.059.78e-03		203.3
	277	0.023.38e-03		203.3	280	0.22	0.05	231.3	281	0.12	0.03	231.3
41	1	2.56	0.69	270.0	2	2.85	0.77	270.0	3	2.57	0.69	270.0

	4	2.79	0.75	270.0	5	2.51	0.68	270.0	6	2.56	0.69	270.0
	7	2.69	0.73	270.0	8	2.89	0.78	270.0	9	2.41	0.65	270.0
	10	2.38	0.64	270.0	11	2.47	0.67	270.0	12	2.54	0.69	270.0
	13	2.31	0.62	270.0	14	2.66	0.72	270.0	15	4.57	1.23	270.0
	16	2.20	0.59	270.0	17	2.21	0.60	270.0	18	2.24	0.61	270.0
	19	3.14	0.85	270.0	20	2.60	0.70	270.0	21	2.06	0.56	270.0
	22	2.07	0.56	270.0	23	2.09	0.56	270.0	24	5.98	1.61	270.0
	25	2.28	0.61	270.0	26	2.37	0.64	270.0	27	2.46	0.67	270.0
	28	2.02	0.54	270.0	29	2.02	0.55	270.0	30	2.06	0.56	270.0
	31	4.47	1.21	270.0	32	2.22	0.60	270.0	33	2.27	0.61	270.0
	34	2.39	0.65	270.0	35	1.93	0.52	270.0	36	1.95	0.53	270.0
	37	1.98	0.54	270.0	38	2.01	0.54	270.0	39	2.12	0.57	270.0
	40	2.26	0.61	270.0	41	2.17	0.59	270.0	42	2.01	0.54	270.0
	43	1.89	0.51	270.0	44	1.94	0.52	270.0	45	2.07	0.56	270.0
	46	2.25	0.61	270.0	47	1.89	0.51	270.0	48	2.14	0.58	270.0
	49	1.86	0.50	270.0	50	1.92	0.52	270.0	51	2.07	0.56	270.0
	52	2.26	0.61	270.0	53	1.86	0.50	270.0	54	1.88	0.51	270.0
	55	2.12	0.57	270.0	56	2.18	0.59	270.0	134	4.46	1.61	360.0
	135	4.84	1.74	360.0	136	4.48	1.61	360.0	137	4.76	1.71	360.0
	138	4.41	1.59	360.0	139	4.47	1.61	360.0	140	4.66	1.68	360.0
	141	4.88	1.76	360.0	142	4.39	1.58	360.0	143	4.56	1.64	360.0
	144	4.30	1.55	360.0	145	4.69	1.69	360.0	146	4.22	1.52	360.0
	147	4.28	1.54	360.0	148	3.88	1.40	360.0	149	4.63	1.67	360.0
	150	3.97	1.43	360.0	151	4.05	1.46	360.0	152	4.18	1.50	360.0
	153	4.43	1.60	360.0	154	3.73	1.34	360.0	155	3.81	1.37	360.0
	156	3.96	1.43	360.0	157	4.20	1.51	360.0	158	3.54	1.28	360.0
	159	3.65	1.31	360.0	160	3.81	1.37	360.0	161	4.09	1.47	360.0
	162	3.38	1.22	360.0	163	3.52	1.27	360.0	164	3.66	1.32	360.0
	165	4.02	1.45	360.0	166	3.37	1.21	360.0	167	3.42	1.23	360.0
	168	3.73	1.34	360.0	169	3.86	1.39	360.0	214	0.89	0.08	85.0
	215	0.93	0.08	85.0	218	0.28	0.04	158.9	219	0.35	0.06	158.9
	228	0.23	0.04	190.0	229	0.29	0.06	190.0	230	0.29	0.06	190.0
	231	0.28	0.05	190.0	232	0.43	0.08	190.0	233	0.48	0.09	190.0
	234	0.61	0.12	190.0	235	0.66	0.13	190.0	238	0.20	0.01	73.9
	239	0.25	0.02	73.9	240	0.15	0.04	265.9	241	0.08	0.02	265.9
	250	0.17	0.05	284.9	251	0.14	0.04	284.9	252	0.14	0.04	319.7
	253	1.24	0.40	319.7	254	0.35	0.11	319.7	255	1.00	0.32	319.7
	273	0.66	0.06	94.9	274	0.73	0.07	94.9	276	0.012.94e-03		203.3
	277	0.048.98e-03		203.3	280	0.13	0.03	231.3	281	0.22	0.05	231.3
42	1	3.20	0.86	270.0	2	3.03	0.82	270.0	3	3.12	0.84	270.0
	4	3.03	0.82	270.0	5	3.23	0.87	270.0	6	2.98	0.80	270.0
	7	2.96	0.80	270.0	8	2.96	0.80	270.0	9	2.74	0.74	270.0
	10	2.81	0.76	270.0	11	2.66	0.72	270.0	12	2.66	0.72	270.0
	13	2.83	0.76	270.0	14	2.57	0.69	270.0	15	4.63	1.25	270.0
	16	2.68	0.72	270.0	17	2.52	0.68	270.0	18	2.44	0.66	270.0
	19	3.15	0.85	270.0	20	2.39	0.64	270.0	21	2.53	0.68	270.0
	22	2.33	0.63	270.0	23	2.24	0.60	270.0	24	5.93	1.60	270.0
	25	2.17	0.58	270.0	26	2.14	0.58	270.0	27	2.17	0.59	270.0
	28	2.34	0.63	270.0	29	2.15	0.58	270.0	30	2.07	0.56	270.0
	31	4.38	1.18	270.0	32	1.95	0.53	270.0	33	1.93	0.52	270.0
	34	1.95	0.53	270.0	35	2.11	0.57	270.0	36	1.94	0.52	270.0
	37	1.88	0.51	270.0	38	1.76	0.48	270.0	39	1.70	0.46	270.0
	40	1.70	0.46	270.0	41	1.68	0.45	270.0	42	1.66	0.45	270.0
	43	2.03	0.55	270.0	44	1.71	0.46	270.0	45	1.57	0.42	270.0
	46	1.56	0.42	270.0	47	1.83	0.49	270.0	48	1.51	0.41	270.0
	49	1.96	0.53	270.0	50	1.56	0.42	270.0	51	1.46	0.40	270.0
	52	1.45	0.39	270.0	53	1.77	0.48	270.0	54	1.63	0.44	270.0
	55	1.40	0.38	270.0	56	1.39	0.37	270.0	134	5.38	1.94	360.0
	135	5.14	1.85	360.0	136	5.29	1.90	360.0	137	5.14	1.85	360.0
	138	5.40	1.94	360.0	139	5.14	1.85	360.0	140	5.07	1.82	360.0
	141	5.04	1.81	360.0	142	4.90	1.76	360.0	143	4.74	1.71	360.0
	144	5.01	1.80	360.0	145	4.58	1.65	360.0	146	4.85	1.75	360.0
	147	4.56	1.64	360.0	148	3.78	1.36	360.0	149	4.34	1.56	360.0
	150	4.34	1.56	360.0	151	3.96	1.43	360.0	152	3.74	1.35	360.0
	153	3.74	1.34	360.0	154	3.89	1.40	360.0	155	3.52	1.27	360.0
	156	3.30	1.19	360.0	157	3.29	1.19	360.0	158	3.67	1.32	360.0
	159	3.18	1.14	360.0	160	3.00	1.08	360.0	161	2.98	1.07	360.0
	162	3.49	1.26	360.0	163	2.86	1.03	360.0	164	2.71	0.98	360.0
	165	2.69	0.97	360.0	166	3.17	1.14	360.0	167	2.95	1.06	360.0
	168	2.57	0.93	360.0	169	2.57	0.92	360.0	214	0.82	0.07	85.0
	215	0.73	0.06	85.0	218	0.31	0.05	158.9	219	0.28	0.04	158.9
	228	0.25	0.05	190.0	229	0.36	0.07	190.0	230	0.35	0.07	190.0
	231	0.26	0.05	190.0	232	0.48	0.09	190.0	233	0.41	0.08	190.0
	234	0.60	0.11	190.0	235	0.54	0.10	190.0	238	0.20	0.01	73.9
	239	0.22	0.02	73.9	240	0.16	0.04	265.9	241	0.07	0.02	265.9
	250	0.17	0.05	284.9	251	0.13	0.04	284.9	252	1.27	0.41	319.7

43	253	0.23	0.07	319.7	254	1.15	0.37	319.7	255	0.59	0.19	319.7
	273	0.62	0.06	94.9	274	0.65	0.06	94.9	276	0.035.18e-03		203.3
	277	0.059.28e-03		203.3	280	0.12	0.03	231.3	281	0.22	0.05	231.3
	1	3.15	0.85	270.0	2	2.96	0.80	270.0	3	3.07	0.83	270.0
	4	2.96	0.80	270.0	5	3.18	0.86	270.0	6	2.93	0.79	270.0
	7	2.89	0.78	270.0	8	2.89	0.78	270.0	9	2.68	0.72	270.0
	10	2.76	0.75	270.0	11	2.60	0.70	270.0	12	2.59	0.70	270.0
	13	2.78	0.75	270.0	14	2.48	0.67	270.0	15	4.59	1.24	270.0
	16	2.64	0.71	270.0	17	2.48	0.67	270.0	18	2.39	0.65	270.0
	19	3.36	0.91	270.0	20	2.29	0.62	270.0	21	2.49	0.67	270.0
	22	2.29	0.62	270.0	23	2.20	0.59	270.0	24	5.92	1.60	270.0
	25	2.07	0.56	270.0	26	2.05	0.55	270.0	27	2.07	0.56	270.0
	28	2.30	0.62	270.0	29	2.12	0.57	270.0	30	2.03	0.55	270.0
	31	4.37	1.18	270.0	32	1.87	0.51	270.0	33	1.85	0.50	270.0
	34	1.87	0.50	270.0	35	2.07	0.56	270.0	36	1.90	0.51	270.0
	37	1.84	0.50	270.0	38	1.73	0.47	270.0	39	1.64	0.44	270.0
	40	1.63	0.44	270.0	41	1.62	0.44	270.0	42	1.60	0.43	270.0
	43	2.00	0.54	270.0	44	1.69	0.46	270.0	45	1.50	0.41	270.0
	46	1.49	0.40	270.0	47	1.80	0.49	270.0	48	1.45	0.39	270.0
	49	1.94	0.52	270.0	50	1.56	0.42	270.0	51	1.40	0.38	270.0
	52	1.37	0.37	270.0	53	1.76	0.47	270.0	54	1.63	0.44	270.0
	55	1.32	0.36	270.0	56	1.31	0.35	270.0	134	5.43	1.95	360.0
	135	4.96	1.79	360.0	136	5.33	1.92	360.0	137	4.97	1.79	360.0
	138	5.45	1.96	360.0	139	5.14	1.85	360.0	140	4.91	1.77	360.0
	141	4.88	1.76	360.0	142	4.85	1.75	360.0	143	4.65	1.67	360.0
	144	4.98	1.79	360.0	145	4.50	1.62	360.0	146	4.81	1.73	360.0
	147	4.50	1.62	360.0	148	3.52	1.27	360.0	149	4.30	1.55	360.0
	150	4.30	1.55	360.0	151	3.93	1.42	360.0	152	3.74	1.35	360.0
	153	3.72	1.34	360.0	154	3.88	1.40	360.0	155	3.53	1.27	360.0
	156	3.29	1.18	360.0	157	3.25	1.17	360.0	158	3.69	1.33	360.0
	159	3.24	1.17	360.0	160	2.96	1.07	360.0	161	2.90	1.04	360.0
	162	3.55	1.28	360.0	163	2.99	1.07	360.0	164	2.66	0.96	360.0
	165	2.58	0.93	360.0	166	3.27	1.18	360.0	167	3.07	1.11	360.0
	168	2.47	0.89	360.0	169	2.44	0.88	360.0	214	0.75	0.06	85.0
	215	0.74	0.06	85.0	218	0.30	0.05	158.9	219	0.25	0.04	158.9
	228	0.31	0.06	190.0	229	0.31	0.06	190.0	230	0.35	0.07	190.0
	231	0.25	0.05	190.0	232	0.47	0.09	190.0	233	0.37	0.07	190.0
	234	0.57	0.11	190.0	235	0.53	0.10	190.0	238	0.25	0.02	73.9
	239	0.16	0.01	73.9	240	0.13	0.04	265.9	241	0.16	0.04	265.9
	250	0.12	0.03	284.9	251	0.15	0.04	284.9	252	1.35	0.43	319.7
	253	0.17	0.05	319.7	254	1.18	0.38	319.7	255	0.46	0.15	319.7
	273	0.65	0.06	94.9	274	0.57	0.05	94.9	276	0.047.71e-03		203.3
	277	0.012.24e-03		203.3	280	0.22	0.05	231.3	281	0.12	0.03	231.3
44	1	2.50	0.68	270.0	2	2.79	0.75	270.0	3	2.52	0.68	270.0
	4	2.72	0.73	270.0	5	2.46	0.66	270.0	6	2.50	0.68	270.0
	7	2.62	0.71	270.0	8	2.83	0.76	270.0	9	2.34	0.63	270.0
	10	2.32	0.63	270.0	11	2.40	0.65	270.0	12	2.47	0.67	270.0
	13	2.25	0.61	270.0	14	2.59	0.70	270.0	15	4.54	1.22	270.0
	16	2.15	0.58	270.0	17	2.16	0.58	270.0	18	2.19	0.59	270.0
	19	3.34	0.90	270.0	20	2.51	0.68	270.0	21	2.02	0.54	270.0
	22	2.02	0.54	270.0	23	2.04	0.55	270.0	24	5.97	1.61	270.0
	25	2.19	0.59	270.0	26	2.29	0.62	270.0	27	2.38	0.64	270.0
	28	1.97	0.53	270.0	29	1.97	0.53	270.0	30	2.01	0.54	270.0
	31	4.46	1.20	270.0	32	2.14	0.58	270.0	33	2.20	0.59	270.0
	34	2.32	0.63	270.0	35	1.88	0.51	270.0	36	1.90	0.51	270.0
	37	1.92	0.52	270.0	38	1.97	0.53	270.0	39	2.05	0.55	270.0
	40	2.20	0.59	270.0	41	2.11	0.57	270.0	42	1.95	0.53	270.0
	43	1.85	0.50	270.0	44	1.90	0.51	270.0	45	2.01	0.54	270.0
	46	2.19	0.59	270.0	47	1.85	0.50	270.0	48	2.08	0.56	270.0
	49	1.83	0.49	270.0	50	1.88	0.51	270.0	51	1.99	0.54	270.0
	52	2.20	0.59	270.0	53	1.83	0.49	270.0	54	1.85	0.50	270.0
	55	2.05	0.55	270.0	56	2.11	0.57	270.0	134	4.51	1.62	360.0
	135	4.66	1.68	360.0	136	4.54	1.63	360.0	137	4.61	1.66	360.0
	138	4.44	1.60	360.0	139	4.52	1.63	360.0	140	4.54	1.63	360.0
	141	4.71	1.69	360.0	142	4.36	1.57	360.0	143	4.48	1.61	360.0
	144	4.25	1.53	360.0	145	4.59	1.65	360.0	146	4.15	1.49	360.0
	147	4.22	1.52	360.0	148	3.63	1.31	360.0	149	4.56	1.64	360.0
	150	3.90	1.40	360.0	151	3.97	1.43	360.0	152	4.13	1.49	360.0
	153	4.38	1.58	360.0	154	3.69	1.33	360.0	155	3.75	1.35	360.0
	156	3.89	1.40	360.0	157	4.13	1.49	360.0	158	3.54	1.28	360.0
	159	3.62	1.30	360.0	160	3.68	1.33	360.0	161	4.00	1.44	360.0
	162	3.43	1.23	360.0	163	3.52	1.27	360.0	164	3.49	1.26	360.0
	165	3.90	1.40	360.0	166	3.42	1.23	360.0	167	3.46	1.25	360.0
	168	3.56	1.28	360.0	169	3.71	1.33	360.0	214	0.86	0.07	85.0
	215	0.97	0.08	85.0	218	0.32	0.05	158.9	219	0.34	0.05	158.9
	228	0.30	0.06	190.0	229	0.26	0.05	190.0	230	0.33	0.06	190.0

45	231	0.29	0.06	190.0	232	0.49	0.09	190.0	233	0.49	0.09	190.0
	234	0.62	0.12	190.0	235	0.68	0.13	190.0	238	0.26	0.02	73.9
	239	0.21	0.02	73.9	240	0.10	0.03	265.9	241	0.15	0.04	265.9
	250	0.15	0.04	284.9	251	0.19	0.05	284.9	252	0.25	0.08	319.7
	253	1.14	0.36	319.7	254	0.45	0.14	319.7	255	0.98	0.31	319.7
	273	0.74	0.07	94.9	274	0.70	0.07	94.9	276	0.06	0.01	203.3
	277	0.012.15e-03		203.3	280	0.23	0.05	231.3	281	0.13	0.03	231.3
	1	2.46	0.66	270.0	2	2.53	0.68	270.0	3	2.46	0.66	270.0
	4	2.53	0.68	270.0	5	2.44	0.66	270.0	6	2.45	0.66	270.0
	7	2.49	0.67	270.0	8	2.52	0.68	270.0	9	2.37	0.64	270.0
	10	2.35	0.64	270.0	11	2.38	0.64	270.0	12	2.39	0.65	270.0
	13	2.32	0.63	270.0	14	2.41	0.65	270.0	15	3.90	1.05	270.0
	16	2.27	0.61	270.0	17	2.27	0.61	270.0	18	2.28	0.62	270.0
	19	3.07	0.83	270.0	20	2.37	0.64	270.0	21	2.24	0.61	270.0
	22	2.23	0.60	270.0	23	2.24	0.60	270.0	24	5.83	1.58	270.0
	25	2.30	0.62	270.0	26	2.31	0.62	270.0	27	2.34	0.63	270.0
	28	2.12	0.57	270.0	29	2.11	0.57	270.0	30	2.13	0.57	270.0
	31	4.78	1.29	270.0	32	2.16	0.58	270.0	33	2.17	0.58	270.0
	34	2.20	0.59	270.0	35	2.08	0.56	270.0	36	2.07	0.56	270.0
	37	2.09	0.56	270.0	38	2.16	0.58	270.0	39	2.12	0.57	270.0
	40	2.12	0.57	270.0	41	2.10	0.57	270.0	42	2.07	0.56	270.0
	43	2.06	0.56	270.0	44	2.06	0.56	270.0	45	2.11	0.57	270.0
	46	2.11	0.57	270.0	47	2.05	0.55	270.0	48	2.09	0.56	270.0
	49	2.04	0.55	270.0	50	2.04	0.55	270.0	51	2.12	0.57	270.0
	52	2.10	0.57	270.0	53	2.02	0.55	270.0	54	2.02	0.55	270.0
	55	2.12	0.57	270.0	56	2.10	0.57	270.0	134	4.37	1.57	360.0
	135	4.47	1.61	360.0	136	4.36	1.57	360.0	137	4.45	1.60	360.0
	138	4.37	1.57	360.0	139	4.35	1.57	360.0	140	4.46	1.61	360.0
	141	4.47	1.61	360.0	142	4.37	1.57	360.0	143	4.44	1.60	360.0
	144	4.39	1.58	360.0	145	4.43	1.59	360.0	146	4.40	1.58	360.0
	147	4.40	1.59	360.0	148	3.83	1.38	360.0	149	4.42	1.59	360.0
	150	4.15	1.49	360.0	151	4.17	1.50	360.0	152	4.13	1.49	360.0
	153	4.18	1.50	360.0	154	3.97	1.43	360.0	155	4.00	1.44	360.0
	156	3.96	1.43	360.0	157	4.02	1.45	360.0	158	3.80	1.37	360.0
	159	3.85	1.39	360.0	160	3.83	1.38	360.0	161	3.96	1.43	360.0
	162	3.64	1.31	360.0	163	3.72	1.34	360.0	164	3.70	1.33	360.0
	165	3.85	1.39	360.0	166	3.62	1.30	360.0	167	3.65	1.31	360.0
	168	3.68	1.33	360.0	169	3.79	1.36	360.0	214	0.88	0.08	85.0
	215	0.90	0.08	85.0	218	0.26	0.04	158.9	219	0.33	0.05	158.9
	228	0.39	0.07	190.0	229	0.33	0.06	190.0	230	0.34	0.06	190.0
	231	0.29	0.05	190.0	232	0.44	0.08	190.0	233	0.46	0.09	190.0
	234	0.60	0.11	190.0	235	0.63	0.12	190.0	238	0.25	0.02	73.9
	239	0.30	0.02	73.9	240	0.15	0.04	265.9	241	0.07	0.02	265.9
	250	0.16	0.05	284.9	251	0.14	0.04	284.9	252	0.57	0.18	319.7
	253	0.73	0.23	319.7	254	0.97	0.31	319.7	255	0.60	0.19	319.7
	273	0.66	0.06	94.9	274	1.13	0.11	94.9	276	0.023.87e-03		203.3
	277	0.036.97e-03		203.3	280	0.13	0.03	231.3	281	0.48	0.11	231.3
46	1	1.96	0.53	270.0	2	2.11	0.57	270.0	3	1.97	0.53	270.0
	4	2.08	0.56	270.0	5	1.98	0.53	270.0	6	1.99	0.54	270.0
	7	2.09	0.56	270.0	8	2.16	0.58	270.0	9	2.04	0.55	270.0
	10	2.03	0.55	270.0	11	2.06	0.56	270.0	12	2.13	0.57	270.0
	13	2.05	0.55	270.0	14	2.22	0.60	270.0	15	3.78	1.02	270.0
	16	2.09	0.56	270.0	17	2.08	0.56	270.0	18	2.10	0.57	270.0
	19	2.90	0.78	270.0	20	2.28	0.61	270.0	21	2.09	0.56	270.0
	22	2.08	0.56	270.0	23	2.09	0.56	270.0	24	5.79	1.56	270.0
	25	2.22	0.60	270.0	26	2.23	0.60	270.0	27	2.27	0.61	270.0
	28	2.25	0.61	270.0	29	2.24	0.61	270.0	30	2.27	0.61	270.0
	31	4.85	1.31	270.0	32	2.36	0.64	270.0	33	2.36	0.64	270.0
	34	2.40	0.65	270.0	35	2.35	0.64	270.0	36	2.35	0.63	270.0
	37	2.38	0.64	270.0	38	2.40	0.65	270.0	39	2.41	0.65	270.0
	40	2.47	0.67	270.0	41	2.44	0.66	270.0	42	2.43	0.66	270.0
	43	2.45	0.66	270.0	44	2.46	0.67	270.0	45	2.51	0.68	270.0
	46	2.59	0.70	270.0	47	2.46	0.67	270.0	48	2.57	0.69	270.0
	49	2.54	0.69	270.0	50	2.56	0.69	270.0	51	2.64	0.71	270.0
	52	2.72	0.73	270.0	53	2.58	0.70	270.0	54	2.58	0.70	270.0
	55	2.70	0.73	270.0	56	2.73	0.74	270.0	134	3.57	1.29	360.0
	135	3.83	1.38	360.0	136	3.60	1.29	360.0	137	3.82	1.38	360.0
	138	3.61	1.30	360.0	139	3.68	1.33	360.0	140	3.78	1.36	360.0
	141	3.88	1.40	360.0	142	3.89	1.40	360.0	143	3.96	1.42	360.0
	144	3.94	1.42	360.0	145	4.10	1.48	360.0	146	4.08	1.47	360.0
	147	4.12	1.48	360.0	148	3.67	1.32	360.0	149	4.20	1.51	360.0
	150	4.43	1.59	360.0	151	4.44	1.60	360.0	152	4.49	1.62	360.0
	153	4.53	1.63	360.0	154	4.47	1.61	360.0	155	4.47	1.61	360.0
	156	4.56	1.64	360.0	157	4.58	1.65	360.0	158	4.50	1.62	360.0
	159	4.50	1.62	360.0	160	4.59	1.65	360.0	161	4.56	1.64	360.0
	162	4.54	1.64	360.0	163	4.54	1.64	360.0	164	4.62	1.66	360.0

47	165	4.59	1.65	360.0	166	4.57	1.64	360.0	167	4.57	1.64	360.0
	168	4.65	1.67	360.0	169	4.61	1.66	360.0	214	1.12	0.10	85.0
	215	1.08	0.09	85.0	218	0.35	0.06	158.9	219	0.37	0.06	158.9
	228	0.54	0.10	190.0	229	0.29	0.05	190.0	230	0.32	0.06	190.0
	231	0.29	0.06	190.0	232	0.53	0.10	190.0	233	0.53	0.10	190.0
	234	0.74	0.14	190.0	235	0.74	0.14	190.0	238	0.32	0.02	73.9
	239	0.31	0.02	73.9	240	0.14	0.04	265.9	241	0.05	0.01	265.9
	250	0.19	0.06	284.9	251	0.18	0.05	284.9	252	0.72	0.23	319.7
	253	0.68	0.22	319.7	254	0.41	0.13	319.7	255	0.86	0.28	319.7
	273	0.79	0.08	94.9	274	1.31	0.12	94.9	276	0.035.21e-03		203.3
	277	0.05	0.01	203.3	280	0.15	0.03	231.3	281	0.49	0.11	231.3
	1	1.91	0.52	270.0	2	2.04	0.55	270.0	3	1.92	0.52	270.0
	4	2.02	0.54	270.0	5	1.92	0.52	270.0	6	1.94	0.52	270.0
	7	2.02	0.54	270.0	8	2.08	0.56	270.0	9	1.98	0.54	270.0
	10	1.97	0.53	270.0	11	2.00	0.54	270.0	12	2.06	0.56	270.0
	13	2.00	0.54	270.0	14	2.14	0.58	270.0	15	3.74	1.01	270.0
	16	2.04	0.55	270.0	17	2.04	0.55	270.0	18	2.05	0.55	270.0
	19	3.10	0.84	270.0	20	2.18	0.59	270.0	21	2.05	0.55	270.0
	22	2.04	0.55	270.0	23	2.05	0.55	270.0	24	5.78	1.56	270.0
	25	2.13	0.57	270.0	26	2.14	0.58	270.0	27	2.17	0.59	270.0
	28	2.21	0.60	270.0	29	2.20	0.59	270.0	30	2.22	0.60	270.0
	31	4.84	1.31	270.0	32	2.28	0.62	270.0	33	2.29	0.62	270.0
	34	2.32	0.63	270.0	35	2.30	0.62	270.0	36	2.30	0.62	270.0
	37	2.32	0.63	270.0	38	2.36	0.64	270.0	39	2.35	0.63	270.0
	40	2.41	0.65	270.0	41	2.38	0.64	270.0	42	2.37	0.64	270.0
	43	2.41	0.65	270.0	44	2.43	0.66	270.0	45	2.45	0.66	270.0
	46	2.52	0.68	270.0	47	2.43	0.66	270.0	48	2.51	0.68	270.0
	49	2.52	0.68	270.0	50	2.54	0.69	270.0	51	2.57	0.69	270.0
	52	2.65	0.72	270.0	53	2.55	0.69	270.0	54	2.56	0.69	270.0
	55	2.63	0.71	270.0	56	2.66	0.72	270.0	134	3.62	1.30	360.0
	135	3.68	1.33	360.0	136	3.64	1.31	360.0	137	3.65	1.31	360.0
	138	3.65	1.31	360.0	139	3.69	1.33	360.0	140	3.62	1.30	360.0
	141	3.77	1.36	360.0	142	3.85	1.39	360.0	143	3.86	1.39	360.0
	144	3.90	1.40	360.0	145	4.05	1.46	360.0	146	4.02	1.45	360.0
	147	4.05	1.46	360.0	148	3.42	1.23	360.0	149	4.20	1.51	360.0
	150	4.36	1.57	360.0	151	4.39	1.58	360.0	152	4.50	1.62	360.0
	153	4.54	1.63	360.0	154	4.44	1.60	360.0	155	4.45	1.60	360.0
	156	4.56	1.64	360.0	157	4.57	1.64	360.0	158	4.51	1.62	360.0
	159	4.53	1.63	360.0	160	4.56	1.64	360.0	161	4.51	1.62	360.0
	162	4.59	1.65	360.0	163	4.62	1.66	360.0	164	4.56	1.64	360.0
	165	4.51	1.62	360.0	166	4.64	1.67	360.0	167	4.65	1.67	360.0
	168	4.57	1.64	360.0	169	4.51	1.62	360.0	214	1.07	0.09	85.0
	215	1.08	0.09	85.0	218	0.37	0.06	158.9	219	0.32	0.05	158.9
	228	0.56	0.11	190.0	229	0.24	0.05	190.0	230	0.34	0.06	190.0
	231	0.28	0.05	190.0	232	0.55	0.10	190.0	233	0.47	0.09	190.0
	234	0.73	0.14	190.0	235	0.70	0.13	190.0	238	0.37	0.03	73.9
	239	0.26	0.02	73.9	240	0.10	0.03	265.9	241	0.14	0.04	265.9
	250	0.16	0.05	284.9	251	0.19	0.05	284.9	252	0.85	0.27	319.7
	253	0.70	0.23	319.7	254	0.36	0.11	319.7	255	0.84	0.27	319.7
	273	0.84	0.08	94.9	274	1.11	0.11	94.9	276	0.08	0.02	203.3
	277	0.025.03e-03		203.3	280	0.23	0.05	231.3	281	0.32	0.07	231.3
48	1	2.41	0.65	270.0	2	2.47	0.67	270.0	3	2.41	0.65	270.0
	4	2.45	0.66	270.0	5	2.38	0.64	270.0	6	2.39	0.65	270.0
	7	2.42	0.65	270.0	8	2.45	0.66	270.0	9	2.30	0.62	270.0
	10	2.29	0.62	270.0	11	2.31	0.62	270.0	12	2.32	0.63	270.0
	13	2.27	0.61	270.0	14	2.33	0.63	270.0	15	3.86	1.04	270.0
	16	2.22	0.60	270.0	17	2.21	0.60	270.0	18	2.22	0.60	270.0
	19	3.27	0.88	270.0	20	2.28	0.61	270.0	21	2.20	0.59	270.0
	22	2.18	0.59	270.0	23	2.19	0.59	270.0	24	5.82	1.57	270.0
	25	2.21	0.60	270.0	26	2.22	0.60	270.0	27	2.24	0.61	270.0
	28	2.08	0.56	270.0	29	2.06	0.56	270.0	30	2.07	0.56	270.0
	31	4.77	1.29	270.0	32	2.08	0.56	270.0	33	2.08	0.56	270.0
	34	2.11	0.57	270.0	35	2.03	0.55	270.0	36	2.01	0.54	270.0
	37	2.03	0.55	270.0	38	2.12	0.57	270.0	39	2.06	0.56	270.0
	40	2.06	0.56	270.0	41	2.04	0.55	270.0	42	2.01	0.54	270.0
	43	2.02	0.55	270.0	44	2.02	0.55	270.0	45	2.04	0.55	270.0
	46	2.04	0.55	270.0	47	2.01	0.54	270.0	48	2.02	0.55	270.0
	49	2.01	0.54	270.0	50	2.01	0.54	270.0	51	2.05	0.55	270.0
	52	2.03	0.55	270.0	53	2.00	0.54	270.0	54	2.00	0.54	270.0
	55	2.05	0.55	270.0	56	2.03	0.55	270.0	134	4.42	1.59	360.0
	135	4.30	1.55	360.0	136	4.43	1.59	360.0	137	4.29	1.54	360.0
	138	4.38	1.58	360.0	139	4.40	1.59	360.0	140	4.34	1.56	360.0
	141	4.29	1.55	360.0	142	4.35	1.56	360.0	143	4.36	1.57	360.0
	144	4.33	1.56	360.0	145	4.33	1.56	360.0	146	4.32	1.56	360.0
	147	4.34	1.56	360.0	148	3.58	1.29	360.0	149	4.37	1.57	360.0
	150	4.07	1.46	360.0	151	4.09	1.47	360.0	152	4.10	1.47	360.0

	153	4.14	1.49	360.0	154	3.92	1.41	360.0	155	3.93	1.42	360.0
	156	3.90	1.40	360.0	157	3.96	1.43	360.0	158	3.79	1.36	360.0
	159	3.82	1.37	360.0	160	3.73	1.34	360.0	161	3.87	1.39	360.0
	162	3.68	1.32	360.0	163	3.71	1.34	360.0	164	3.54	1.28	360.0
	165	3.73	1.34	360.0	166	3.66	1.32	360.0	167	3.68	1.32	360.0
	168	3.53	1.27	360.0	169	3.64	1.31	360.0	214	0.86	0.07	85.0
	215	0.93	0.08	85.0	218	0.31	0.05	158.9	219	0.31	0.05	158.9
	228	0.43	0.08	190.0	229	0.31	0.06	190.0	230	0.39	0.07	190.0
	231	0.30	0.06	190.0	232	0.51	0.10	190.0	233	0.46	0.09	190.0
	234	0.62	0.12	190.0	235	0.63	0.12	190.0	238	0.31	0.02	73.9
	239	0.26	0.02	73.9	240	0.10	0.03	265.9	241	0.15	0.04	265.9
	250	0.15	0.04	284.9	251	0.18	0.05	284.9	252	0.49	0.16	319.7
	253	0.63	0.20	319.7	254	1.06	0.34	319.7	255	0.54	0.17	319.7
	273	0.75	0.07	94.9	274	0.95	0.09	94.9	276	0.08	0.02	203.3
	277	0.035.70e-03		203.3	280	0.23	0.05	231.3	281	0.30	0.07	231.3
49	1	2.11	0.57	270.0	2	2.05	0.55	270.0	3	2.09	0.56	270.0
	4	2.06	0.56	270.0	5	2.14	0.58	270.0	6	2.09	0.56	270.0
	7	2.08	0.56	270.0	8	2.06	0.56	270.0	9	2.14	0.58	270.0
	10	2.15	0.58	270.0	11	2.12	0.57	270.0	12	2.11	0.57	270.0
	13	2.20	0.59	270.0	14	2.14	0.58	270.0	15	3.81	1.03	270.0
	16	2.24	0.60	270.0	17	2.20	0.59	270.0	18	2.19	0.59	270.0
	19	2.90	0.78	270.0	20	2.19	0.59	270.0	21	2.26	0.61	270.0
	22	2.22	0.60	270.0	23	2.20	0.59	270.0	24	5.83	1.58	270.0
	25	2.21	0.60	270.0	26	2.19	0.59	270.0	27	2.20	0.59	270.0
	28	2.34	0.63	270.0	29	2.30	0.62	270.0	30	2.30	0.62	270.0
	31	4.86	1.31	270.0	32	2.28	0.62	270.0	33	2.27	0.61	270.0
	34	2.27	0.61	270.0	35	2.43	0.66	270.0	36	2.40	0.65	270.0
	37	2.40	0.65	270.0	38	2.40	0.65	270.0	39	2.38	0.64	270.0
	40	2.35	0.63	270.0	41	2.34	0.63	270.0	42	2.42	0.65	270.0
	43	2.52	0.68	270.0	44	2.48	0.67	270.0	45	2.48	0.67	270.0
	46	2.44	0.66	270.0	47	2.50	0.68	270.0	48	2.47	0.67	270.0
	49	2.62	0.71	270.0	50	2.56	0.69	270.0	51	2.62	0.71	270.0
	52	2.56	0.69	270.0	53	2.62	0.71	270.0	54	2.60	0.70	270.0
	55	2.64	0.71	270.0	56	2.60	0.70	270.0	134	3.84	1.38	360.0
	135	3.76	1.35	360.0	136	3.79	1.37	360.0	137	3.76	1.35	360.0
	138	3.93	1.41	360.0	139	3.80	1.37	360.0	140	3.85	1.39	360.0
	141	3.78	1.36	360.0	142	4.02	1.45	360.0	143	4.02	1.45	360.0
	144	4.19	1.51	360.0	145	4.03	1.45	360.0	146	4.33	1.56	360.0
	147	4.26	1.53	360.0	148	3.64	1.31	360.0	149	4.14	1.49	360.0
	150	4.53	1.63	360.0	151	4.50	1.62	360.0	152	4.38	1.58	360.0
	153	4.36	1.57	360.0	154	4.55	1.64	360.0	155	4.53	1.63	360.0
	156	4.42	1.59	360.0	157	4.42	1.59	360.0	158	4.56	1.64	360.0
	159	4.55	1.64	360.0	160	4.46	1.61	360.0	161	4.49	1.62	360.0
	162	4.58	1.65	360.0	163	4.57	1.65	360.0	164	4.50	1.62	360.0
	165	4.53	1.63	360.0	166	4.59	1.65	360.0	167	4.59	1.65	360.0
	168	4.51	1.62	360.0	169	4.56	1.64	360.0	214	1.05	0.09	85.0
	215	1.07	0.09	85.0	218	0.31	0.05	158.9	219	0.38	0.06	158.9
	228	0.38	0.07	190.0	229	0.30	0.06	190.0	230	0.34	0.06	190.0
	231	0.29	0.05	190.0	232	0.48	0.09	190.0	233	0.51	0.10	190.0
	234	0.68	0.13	190.0	235	0.72	0.14	190.0	238	0.28	0.02	73.9
	239	0.33	0.02	73.9	240	0.14	0.04	265.9	241	0.06	0.02	265.9
	250	0.18	0.05	284.9	251	0.17	0.05	284.9	252	0.72	0.23	319.7
	253	0.70	0.22	319.7	254	0.89	0.29	319.7	255	0.36	0.12	319.7
	273	0.76	0.07	94.9	274	1.20	0.11	94.9	276	0.036.95e-03		203.3
	277	0.059.48e-03		203.3	280	0.14	0.03	231.3	281	0.48	0.11	231.3
50	1	2.44	0.66	270.0	2	2.48	0.67	270.0	3	2.43	0.66	270.0
	4	2.47	0.67	270.0	5	2.43	0.66	270.0	6	2.40	0.65	270.0
	7	2.46	0.66	270.0	8	2.46	0.66	270.0	9	2.33	0.63	270.0
	10	2.33	0.63	270.0	11	2.33	0.63	270.0	12	2.37	0.64	270.0
	13	2.32	0.63	270.0	14	2.36	0.64	270.0	15	3.87	1.04	270.0
	16	2.26	0.61	270.0	17	2.24	0.61	270.0	18	2.24	0.61	270.0
	19	3.03	0.82	270.0	20	2.32	0.63	270.0	21	2.22	0.60	270.0
	22	2.19	0.59	270.0	23	2.19	0.59	270.0	24	5.79	1.56	270.0
	25	2.26	0.61	270.0	26	2.24	0.61	270.0	27	2.26	0.61	270.0
	28	2.16	0.58	270.0	29	2.14	0.58	270.0	30	2.15	0.58	270.0
	31	4.78	1.29	270.0	32	2.20	0.59	270.0	33	2.18	0.59	270.0
	34	2.19	0.59	270.0	35	2.13	0.57	270.0	36	2.11	0.57	270.0
	37	2.12	0.57	270.0	38	2.16	0.58	270.0	39	2.11	0.57	270.0
	40	2.13	0.57	270.0	41	2.12	0.57	270.0	42	2.09	0.56	270.0
	43	2.11	0.57	270.0	44	2.09	0.56	270.0	45	2.10	0.57	270.0
	46	2.12	0.57	270.0	47	2.09	0.56	270.0	48	2.11	0.57	270.0
	49	2.09	0.56	270.0	50	2.07	0.56	270.0	51	2.11	0.57	270.0
	52	2.13	0.57	270.0	53	2.08	0.56	270.0	54	2.07	0.56	270.0
	55	2.11	0.57	270.0	56	2.12	0.57	270.0	134	4.29	1.54	360.0
	135	4.39	1.58	360.0	136	4.30	1.55	360.0	137	4.40	1.59	360.0
	138	4.28	1.54	360.0	139	4.30	1.55	360.0	140	4.35	1.57	360.0

	141	4.36	1.57	360.0	142	4.33	1.56	360.0	143	4.32	1.56	360.0
	144	4.33	1.56	360.0	145	4.32	1.56	360.0	146	4.34	1.56	360.0
	147	4.34	1.56	360.0	148	3.79	1.36	360.0	149	4.29	1.54	360.0
	150	4.22	1.52	360.0	151	4.19	1.51	360.0	152	4.18	1.50	360.0
	153	4.15	1.50	360.0	154	4.05	1.46	360.0	155	4.00	1.44	360.0
	156	4.04	1.45	360.0	157	4.01	1.44	360.0	158	3.92	1.41	360.0
	159	3.86	1.39	360.0	160	3.91	1.41	360.0	161	3.83	1.38	360.0
	162	3.80	1.37	360.0	163	3.72	1.34	360.0	164	3.78	1.36	360.0
	165	3.69	1.33	360.0	166	3.74	1.35	360.0	167	3.71	1.34	360.0
	168	3.73	1.34	360.0	169	3.67	1.32	360.0	214	0.96	0.08	85.0
	215	0.91	0.08	85.0	218	0.31	0.05	158.9	219	0.32	0.05	158.9
	228	0.55	0.10	190.0	229	0.33	0.06	190.0	230	0.33	0.06	190.0
	231	0.29	0.05	190.0	232	0.49	0.09	190.0	233	0.48	0.09	190.0
	234	0.66	0.13	190.0	235	0.64	0.12	190.0	238	0.28	0.02	73.9
	239	0.29	0.02	73.9	240	0.15	0.04	265.9	241	0.06	0.02	265.9
	250	0.17	0.05	284.9	251	0.15	0.04	284.9	252	0.66	0.21	319.7
	253	0.44	0.14	319.7	254	0.51	0.16	319.7	255	0.84	0.27	319.7
	273	0.70	0.07	94.9	274	1.25	0.12	94.9	276	0.012.06e-03		203.3
	277	0.048.28e-03		203.3	280	0.14	0.03	231.3	281	0.49	0.11	231.3
51	1	2.39	0.64	270.0	2	2.41	0.65	270.0	3	2.38	0.64	270.0
	4	2.41	0.65	270.0	5	2.38	0.64	270.0	6	2.35	0.63	270.0
	7	2.39	0.65	270.0	8	2.38	0.64	270.0	9	2.27	0.61	270.0
	10	2.28	0.61	270.0	11	2.27	0.61	270.0	12	2.30	0.62	270.0
	13	2.26	0.61	270.0	14	2.27	0.61	270.0	15	3.84	1.04	270.0
	16	2.22	0.60	270.0	17	2.20	0.59	270.0	18	2.19	0.59	270.0
	19	3.24	0.87	270.0	20	2.22	0.60	270.0	21	2.18	0.59	270.0
	22	2.15	0.58	270.0	23	2.15	0.58	270.0	24	5.78	1.56	270.0
	25	2.17	0.59	270.0	26	2.15	0.58	270.0	27	2.16	0.58	270.0
	28	2.12	0.57	270.0	29	2.09	0.57	270.0	30	2.10	0.57	270.0
	31	4.77	1.29	270.0	32	2.12	0.57	270.0	33	2.10	0.57	270.0
	34	2.10	0.57	270.0	35	2.08	0.56	270.0	36	2.06	0.56	270.0
	37	2.07	0.56	270.0	38	2.13	0.57	270.0	39	2.04	0.55	270.0
	40	2.06	0.56	270.0	41	2.05	0.55	270.0	42	2.03	0.55	270.0
	43	2.07	0.56	270.0	44	2.06	0.56	270.0	45	2.03	0.55	270.0
	46	2.06	0.56	270.0	47	2.06	0.56	270.0	48	2.05	0.55	270.0
	49	2.06	0.56	270.0	50	2.05	0.55	270.0	51	2.04	0.55	270.0
	52	2.06	0.56	270.0	53	2.05	0.55	270.0	54	2.05	0.55	270.0
	55	2.04	0.55	270.0	56	2.06	0.56	270.0	134	4.34	1.56	360.0
	135	4.23	1.52	360.0	136	4.34	1.56	360.0	137	4.23	1.52	360.0
	138	4.32	1.56	360.0	139	4.31	1.55	360.0	140	4.19	1.51	360.0
	141	4.23	1.52	360.0	142	4.28	1.54	360.0	143	4.22	1.52	360.0
	144	4.29	1.55	360.0	145	4.26	1.53	360.0	146	4.29	1.54	360.0
	147	4.27	1.54	360.0	148	3.54	1.27	360.0	149	4.28	1.54	360.0
	150	4.17	1.50	360.0	151	4.14	1.49	360.0	152	4.19	1.51	360.0
	153	4.16	1.50	360.0	154	4.03	1.45	360.0	155	3.99	1.44	360.0
	156	4.04	1.45	360.0	157	3.99	1.44	360.0	158	3.93	1.42	360.0
	159	3.90	1.40	360.0	160	3.89	1.40	360.0	161	3.77	1.36	360.0
	162	3.85	1.39	360.0	163	3.82	1.37	360.0	164	3.74	1.35	360.0
	165	3.60	1.30	360.0	166	3.82	1.38	360.0	167	3.81	1.37	360.0
	168	3.66	1.32	360.0	169	3.57	1.29	360.0	214	0.91	0.08	85.0
	215	0.92	0.08	85.0	218	0.33	0.05	158.9	219	0.27	0.04	158.9
	228	0.57	0.11	190.0	229	0.28	0.05	190.0	230	0.34	0.07	190.0
	231	0.28	0.05	190.0	232	0.50	0.10	190.0	233	0.42	0.08	190.0
	234	0.64	0.12	190.0	235	0.61	0.12	190.0	238	0.33	0.02	73.9
	239	0.23	0.02	73.9	240	0.11	0.03	265.9	241	0.15	0.04	265.9
	250	0.14	0.04	284.9	251	0.17	0.05	284.9	252	0.76	0.24	319.7
	253	0.50	0.16	319.7	254	0.57	0.18	319.7	255	0.77	0.25	319.7
	273	0.75	0.07	94.9	274	1.05	0.10	94.9	276	0.07	0.01	203.3
	277	0.023.83e-03		203.3	280	0.22	0.05	231.3	281	0.31	0.07	231.3
52	1	2.05	0.55	270.0	2	1.98	0.54	270.0	3	2.04	0.55	270.0
	4	1.99	0.54	270.0	5	2.09	0.57	270.0	6	2.04	0.55	270.0
	7	2.01	0.54	270.0	8	1.99	0.54	270.0	9	2.08	0.56	270.0
	10	2.09	0.56	270.0	11	2.06	0.56	270.0	12	2.04	0.55	270.0
	13	2.14	0.58	270.0	14	2.05	0.55	270.0	15	3.77	1.02	270.0
	16	2.19	0.59	270.0	17	2.15	0.58	270.0	18	2.14	0.58	270.0
	19	3.10	0.84	270.0	20	2.09	0.56	270.0	21	2.22	0.60	270.0
	22	2.17	0.59	270.0	23	2.15	0.58	270.0	24	5.82	1.57	270.0
	25	2.12	0.57	270.0	26	2.10	0.57	270.0	27	2.10	0.57	270.0
	28	2.30	0.62	270.0	29	2.26	0.61	270.0	30	2.25	0.61	270.0
	31	4.85	1.31	270.0	32	2.20	0.60	270.0	33	2.19	0.59	270.0
	34	2.19	0.59	270.0	35	2.38	0.64	270.0	36	2.34	0.63	270.0
	37	2.34	0.63	270.0	38	2.36	0.64	270.0	39	2.31	0.62	270.0
	40	2.28	0.61	270.0	41	2.27	0.61	270.0	42	2.36	0.64	270.0
	43	2.49	0.67	270.0	44	2.43	0.66	270.0	45	2.41	0.65	270.0
	46	2.38	0.64	270.0	47	2.47	0.67	270.0	48	2.40	0.65	270.0
	49	2.59	0.70	270.0	50	2.53	0.68	270.0	51	2.54	0.69	270.0

53	52	2.49	0.67	270.0	53	2.60	0.70	270.0	54	2.57	0.70	270.0
	55	2.56	0.69	270.0	56	2.53	0.68	270.0	134	3.88	1.40	360.0
	135	3.58	1.29	360.0	136	3.86	1.39	360.0	137	3.60	1.30	360.0
	138	3.93	1.41	360.0	139	3.86	1.39	360.0	140	3.74	1.35	360.0
	141	3.61	1.30	360.0	142	4.01	1.44	360.0	143	3.94	1.42	360.0
	144	4.13	1.49	360.0	145	3.94	1.42	360.0	146	4.25	1.53	360.0
	147	4.20	1.51	360.0	148	3.38	1.22	360.0	149	4.10	1.48	360.0
	150	4.45	1.60	360.0	151	4.41	1.59	360.0	152	4.35	1.57	360.0
	153	4.34	1.56	360.0	154	4.50	1.62	360.0	155	4.47	1.61	360.0
	156	4.37	1.57	360.0	157	4.37	1.57	360.0	158	4.55	1.64	360.0
	159	4.51	1.62	360.0	160	4.36	1.57	360.0	161	4.41	1.59	360.0
	162	4.61	1.66	360.0	163	4.57	1.65	360.0	164	4.35	1.57	360.0
	165	4.41	1.59	360.0	166	4.63	1.67	360.0	167	4.62	1.66	360.0
	168	4.36	1.57	360.0	169	4.42	1.59	360.0	214	1.02	0.09	85.0
	215	1.10	0.09	85.0	218	0.36	0.06	158.9	219	0.35	0.06	158.9
	228	0.41	0.08	190.0	229	0.28	0.05	190.0	230	0.39	0.07	190.0
	231	0.30	0.06	190.0	232	0.56	0.11	190.0	233	0.50	0.09	190.0
	234	0.70	0.13	190.0	235	0.72	0.14	190.0	238	0.35	0.03	73.9
	239	0.28	0.02	73.9	240	0.09	0.02	265.9	241	0.14	0.04	265.9
	250	0.17	0.05	284.9	251	0.20	0.06	284.9	252	0.71	0.23	319.7
	253	0.57	0.18	319.7	254	0.93	0.30	319.7	255	0.35	0.11	319.7
	273	0.84	0.08	94.9	274	1.02	0.10	94.9	276	0.09	0.02	203.3
	277	0.036.41e-03	203.3	280	0.24	0.05	231.3	281	0.31	0.07	231.3	
	1	2.18	0.59	270.0	2	3.07	0.83	270.0	3	2.27	0.61	270.0
	4	2.89	0.78	270.0	5	2.05	0.55	270.0	6	2.32	0.63	270.0
	7	2.66	0.72	270.0	8	3.22	0.87	270.0	9	2.10	0.57	270.0
	10	1.98	0.53	270.0	11	2.30	0.62	270.0	12	2.54	0.69	270.0
	13	1.79	0.48	270.0	14	2.94	0.79	270.0	15	2.44	0.66	270.0
	16	1.65	0.45	270.0	17	1.79	0.48	270.0	18	1.92	0.52	270.0
	19	2.49	0.67	270.0	20	2.91	0.79	270.0	21	1.58	0.43	270.0
	22	1.72	0.46	270.0	23	1.86	0.50	270.0	24	2.61	0.70	270.0
	25	2.35	0.63	270.0	26	2.66	0.72	270.0	27	2.88	0.78	270.0
	28	1.39	0.38	270.0	29	1.54	0.42	270.0	30	1.70	0.46	270.0
	31	2.19	0.59	270.0	32	2.20	0.60	270.0	33	2.42	0.65	270.0
	34	2.73	0.74	270.0	35	1.40	0.38	270.0	36	1.53	0.41	270.0
	37	1.67	0.45	270.0	38	1.88	0.51	270.0	39	2.18	0.59	270.0
	40	2.63	0.71	270.0	41	2.39	0.65	270.0	42	1.91	0.51	270.0
	43	1.39	0.38	270.0	44	1.74	0.47	270.0	45	2.15	0.58	270.0
	46	2.70	0.73	270.0	47	1.55	0.42	270.0	48	2.41	0.65	270.0
	49	1.42	0.38	270.0	50	1.83	0.49	270.0	51	2.14	0.58	270.0
	52	2.79	0.75	270.0	53	1.55	0.42	270.0	54	1.69	0.46	270.0
	55	2.35	0.63	270.0	56	2.57	0.69	270.0	134	3.65	1.32	360.0
	135	4.95	1.78	360.0	136	3.79	1.36	360.0	137	4.69	1.69	360.0
	138	3.45	1.24	360.0	139	3.87	1.39	360.0	140	4.38	1.58	360.0
	141	5.16	1.86	360.0	142	3.57	1.28	360.0	143	4.21	1.52	360.0
	144	3.12	1.12	360.0	145	4.76	1.71	360.0	146	2.94	1.06	360.0
	147	3.35	1.21	360.0	148	3.95	1.42	360.0	149	4.74	1.71	360.0
	150	2.45	0.88	360.0	151	2.99	1.08	360.0	152	3.72	1.34	360.0
	153	4.49	1.62	360.0	154	2.43	0.87	360.0	155	2.95	1.06	360.0
	156	3.71	1.34	360.0	157	4.32	1.55	360.0	158	2.38	0.86	360.0
	159	3.07	1.10	360.0	160	3.68	1.32	360.0	161	4.40	1.58	360.0
	162	2.42	0.87	360.0	163	3.24	1.17	360.0	164	3.69	1.33	360.0
	165	4.52	1.63	360.0	166	2.70	0.97	360.0	167	2.97	1.07	360.0
168	3.96	1.42	360.0	169	4.24	1.53	360.0	214	0.41	0.04	85.0	
215	0.49	0.04	85.0	218	0.08	0.01	158.9	219	0.15	0.02	158.9	
228	0.33	0.06	190.0	229	0.30	0.06	190.0	230	0.32	0.06	190.0	
231	0.39	0.07	190.0	232	0.26	0.05	190.0	233	0.35	0.07	190.0	
234	0.23	0.04	190.0	235	0.30	0.06	190.0	238	0.096.88e-03	73.9		
239	0.107.49e-03	73.9	240	0.11	0.03	265.9	241	0.10	0.03	265.9		
250	0.013.69e-03	284.9	251	0.05	0.01	284.9	252	1.94	0.62	319.7		
253	2.38	0.76	319.7	254	2.20	0.70	319.7	255	2.36	0.75	319.7	
273	0.12	0.01	94.9	274	0.16	0.02	94.9	276	0.035.85e-03	203.3		
277	0.012.58e-03	203.3	280	0.05	0.01	231.3	281	0.11	0.02	231.3		
54	1	1.75	0.47	270.0	2	2.20	0.59	270.0	3	1.77	0.48	270.0
	4	2.09	0.56	270.0	5	1.77	0.48	270.0	6	1.81	0.49	270.0
	7	2.00	0.54	270.0	8	2.32	0.63	270.0	9	1.81	0.49	270.0
	10	1.77	0.48	270.0	11	1.87	0.51	270.0	12	2.03	0.55	270.0
	13	1.79	0.48	270.0	14	2.29	0.62	270.0	15	2.17	0.59	270.0
	16	1.81	0.49	270.0	17	1.81	0.49	270.0	18	1.84	0.50	270.0
	19	2.08	0.56	270.0	20	2.34	0.63	270.0	21	1.81	0.49	270.0
	22	1.79	0.48	270.0	23	1.83	0.49	270.0	24	2.49	0.67	270.0
	25	2.06	0.56	270.0	26	2.22	0.60	270.0	27	2.34	0.63	270.0
	28	1.96	0.53	270.0	29	1.95	0.53	270.0	30	2.00	0.54	270.0
	31	2.31	0.62	270.0	32	2.21	0.60	270.0	33	2.30	0.62	270.0
	34	2.46	0.66	270.0	35	2.06	0.56	270.0	36	2.03	0.55	270.0
	37	2.10	0.57	270.0	38	2.08	0.56	270.0	39	2.28	0.62	270.0

	40	2.50	0.67	270.0	41	2.38	0.64	270.0	42	2.20	0.59	270.0
	43	2.15	0.58	270.0	44	2.20	0.60	270.0	45	2.35	0.64	270.0
	46	2.61	0.71	270.0	47	2.18	0.59	270.0	48	2.49	0.67	270.0
	49	2.26	0.61	270.0	50	2.33	0.63	270.0	51	2.45	0.66	270.0
	52	2.75	0.74	270.0	53	2.30	0.62	270.0	54	2.32	0.63	270.0
	55	2.58	0.70	270.0	56	2.67	0.72	270.0	134	2.98	1.07	360.0
	135	3.63	1.31	360.0	136	3.08	1.11	360.0	137	3.51	1.26	360.0
	138	2.92	1.05	360.0	139	3.23	1.16	360.0	140	3.42	1.23	360.0
	141	3.76	1.35	360.0	142	3.18	1.15	360.0	143	3.46	1.24	360.0
	144	3.01	1.08	360.0	145	3.73	1.34	360.0	146	3.06	1.10	360.0
	147	3.20	1.15	360.0	148	3.45	1.24	360.0	149	3.78	1.36	360.0
	150	3.43	1.24	360.0	151	3.50	1.26	360.0	152	3.75	1.35	360.0
	153	4.06	1.46	360.0	154	3.56	1.28	360.0	155	3.62	1.30	360.0
	156	3.89	1.40	360.0	157	4.11	1.48	360.0	158	3.69	1.33	360.0
	159	3.77	1.36	360.0	160	3.99	1.44	360.0	161	4.25	1.53	360.0
	162	3.85	1.39	360.0	163	3.96	1.42	360.0	164	4.11	1.48	360.0
	165	4.41	1.59	360.0	166	3.92	1.41	360.0	167	3.95	1.42	360.0
	168	4.25	1.53	360.0	169	4.35	1.56	360.0	214	0.82	0.07	85.0
	215	0.71	0.06	85.0	218	0.28	0.04	158.9	219	0.27	0.04	158.9
	228	0.32	0.06	190.0	229	0.31	0.06	190.0	230	0.40	0.08	190.0
	231	0.39	0.07	190.0	232	0.49	0.09	190.0	233	0.46	0.09	190.0
	234	0.55	0.10	190.0	235	0.48	0.09	190.0	238	0.19	0.01	73.9
	239	0.16	0.01	73.9	240	0.05	0.01	265.9	241	0.05	0.01	265.9
	250	0.15	0.04	284.9	251	0.14	0.04	284.9	252	2.20	0.70	319.7
	253	1.92	0.61	319.7	254	2.38	0.76	319.7	255	2.06	0.66	319.7
	273	0.50	0.05	94.9	274	0.51	0.05	94.9	276	0.037.04e-03		203.3
	277	0.06	0.01	203.3	280	0.11	0.03	231.3	281	0.15	0.03	231.3
55	1	1.76	0.47	270.0	2	2.20	0.59	270.0	3	1.77	0.48	270.0
	4	2.09	0.56	270.0	5	1.77	0.48	270.0	6	1.81	0.49	270.0
	7	2.00	0.54	270.0	8	2.30	0.62	270.0	9	1.81	0.49	270.0
	10	1.77	0.48	270.0	11	1.88	0.51	270.0	12	2.03	0.55	270.0
	13	1.78	0.48	270.0	14	2.27	0.61	270.0	15	2.16	0.58	270.0
	16	1.80	0.49	270.0	17	1.80	0.49	270.0	18	1.84	0.50	270.0
	19	2.15	0.58	270.0	20	2.31	0.62	270.0	21	1.80	0.49	270.0
	22	1.79	0.48	270.0	23	1.83	0.49	270.0	24	2.49	0.67	270.0
	25	2.05	0.55	270.0	26	2.20	0.59	270.0	27	2.32	0.63	270.0
	28	1.94	0.53	270.0	29	1.94	0.52	270.0	30	1.99	0.54	270.0
	31	2.31	0.62	270.0	32	2.18	0.59	270.0	33	2.28	0.61	270.0
	34	2.42	0.65	270.0	35	2.03	0.55	270.0	36	2.01	0.54	270.0
	37	2.09	0.56	270.0	38	2.07	0.56	270.0	39	2.26	0.61	270.0
	40	2.47	0.67	270.0	41	2.35	0.64	270.0	42	2.18	0.59	270.0
	43	2.13	0.58	270.0	44	2.20	0.59	270.0	45	2.33	0.63	270.0
	46	2.59	0.70	270.0	47	2.16	0.58	270.0	48	2.46	0.66	270.0
	49	2.25	0.61	270.0	50	2.34	0.63	270.0	51	2.42	0.65	270.0
	52	2.72	0.73	270.0	53	2.29	0.62	270.0	54	2.32	0.63	270.0
	55	2.54	0.69	270.0	56	2.64	0.71	270.0	134	2.99	1.08	360.0
	135	3.65	1.31	360.0	136	3.04	1.09	360.0	137	3.48	1.25	360.0
	138	2.98	1.07	360.0	139	3.13	1.13	360.0	140	3.33	1.20	360.0
	141	3.83	1.38	360.0	142	3.12	1.12	360.0	143	3.40	1.23	360.0
	144	3.05	1.10	360.0	145	3.79	1.36	360.0	146	3.09	1.11	360.0
	147	3.18	1.14	360.0	148	3.41	1.23	360.0	149	3.86	1.39	360.0
	150	3.43	1.24	360.0	151	3.54	1.27	360.0	152	3.83	1.38	360.0
	153	4.13	1.49	360.0	154	3.58	1.29	360.0	155	3.70	1.33	360.0
	156	3.98	1.43	360.0	157	4.17	1.50	360.0	158	3.72	1.34	360.0
	159	3.90	1.40	360.0	160	4.08	1.47	360.0	161	4.28	1.54	360.0
	162	3.90	1.41	360.0	163	4.13	1.49	360.0	164	4.21	1.52	360.0
	165	4.40	1.58	360.0	166	4.02	1.45	360.0	167	4.09	1.47	360.0
	168	4.29	1.54	360.0	169	4.36	1.57	360.0	214	0.73	0.06	85.0
	215	0.67	0.06	85.0	218	0.25	0.04	158.9	219	0.16	0.02	158.9
	228	0.31	0.06	190.0	229	0.27	0.05	190.0	230	0.34	0.07	190.0
	231	0.36	0.07	190.0	232	0.40	0.08	190.0	233	0.35	0.07	190.0
	234	0.47	0.09	190.0	235	0.39	0.07	190.0	238	0.21	0.02	73.9
	239	0.096.56e-03		73.9	240	0.08	0.02	265.9	241	0.10	0.03	265.9
	250	0.08	0.02	284.9	251	0.11	0.03	284.9	252	2.32	0.74	319.7
	253	1.98	0.63	319.7	254	2.30	0.74	319.7	255	2.06	0.66	319.7
	273	0.44	0.04	94.9	274	0.35	0.03	94.9	276	0.047.83e-03		203.3
	277	0.012.70e-03		203.3	280	0.13	0.03	231.3	281	0.08	0.02	231.3
56	1	2.13	0.58	270.0	2	3.04	0.82	270.0	3	2.22	0.60	270.0
	4	2.85	0.77	270.0	5	2.01	0.54	270.0	6	2.28	0.62	270.0
	7	2.62	0.71	270.0	8	3.20	0.86	270.0	9	2.05	0.55	270.0
	10	1.93	0.52	270.0	11	2.25	0.61	270.0	12	2.50	0.68	270.0
	13	1.75	0.47	270.0	14	2.91	0.78	270.0	15	2.41	0.65	270.0
	16	1.62	0.44	270.0	17	1.75	0.47	270.0	18	1.88	0.51	270.0
	19	2.59	0.70	270.0	20	2.88	0.78	270.0	21	1.56	0.42	270.0
	22	1.69	0.46	270.0	23	1.83	0.49	270.0	24	2.59	0.70	270.0
	25	2.31	0.62	270.0	26	2.63	0.71	270.0	27	2.86	0.77	270.0

	28	1.39	0.37	270.0	29	1.52	0.41	270.0	30	1.68	0.45	270.0
	31	2.18	0.59	270.0	32	2.19	0.59	270.0	33	2.41	0.65	270.0
	34	2.72	0.73	270.0	35	1.40	0.38	270.0	36	1.52	0.41	270.0
	37	1.66	0.45	270.0	38	1.87	0.50	270.0	39	2.17	0.59	270.0
	40	2.63	0.71	270.0	41	2.39	0.64	270.0	42	1.90	0.51	270.0
	43	1.40	0.38	270.0	44	1.72	0.46	270.0	45	2.14	0.58	270.0
	46	2.70	0.73	270.0	47	1.55	0.42	270.0	48	2.41	0.65	270.0
	49	1.43	0.39	270.0	50	1.81	0.49	270.0	51	2.14	0.58	270.0
	52	2.79	0.75	270.0	53	1.56	0.42	270.0	54	1.68	0.45	270.0
	55	2.36	0.64	270.0	56	2.58	0.70	270.0	134	3.69	1.33	360.0
	135	4.83	1.74	360.0	136	3.86	1.39	360.0	137	4.61	1.66	360.0
	138	3.43	1.23	360.0	139	3.97	1.43	360.0	140	4.36	1.57	360.0
	141	5.01	1.80	360.0	142	3.59	1.29	360.0	143	4.20	1.51	360.0
	144	3.05	1.10	360.0	145	4.66	1.68	360.0	146	2.86	1.03	360.0
	147	3.32	1.20	360.0	148	3.84	1.38	360.0	149	4.65	1.67	360.0
	150	2.40	0.86	360.0	151	2.89	1.04	360.0	152	3.62	1.30	360.0
	153	4.41	1.59	360.0	154	2.38	0.86	360.0	155	2.83	1.02	360.0
	156	3.58	1.29	360.0	157	4.24	1.52	360.0	158	2.34	0.84	360.0
	159	2.92	1.05	360.0	160	3.52	1.27	360.0	161	4.33	1.56	360.0
	162	2.38	0.86	360.0	163	3.05	1.10	360.0	164	3.52	1.27	360.0
	165	4.47	1.61	360.0	166	2.61	0.94	360.0	167	2.83	1.02	360.0
	168	3.84	1.38	360.0	169	4.16	1.50	360.0	214	0.52	0.04	85.0
	215	0.58	0.05	85.0	218	0.16	0.03	158.9	219	0.26	0.04	158.9
	228	0.37	0.07	190.0	229	0.31	0.06	190.0	230	0.39	0.07	190.0
	231	0.42	0.08	190.0	232	0.39	0.07	190.0	233	0.46	0.09	190.0
	234	0.36	0.07	190.0	235	0.42	0.08	190.0	238	0.139.55e-03		73.9
	239	0.139.33e-03		73.9	240	0.04	0.01	265.9	241	0.11	0.03	265.9
	250	0.10	0.03	284.9	251	0.13	0.04	284.9	252	1.82	0.58	319.7
	253	2.31	0.74	319.7	254	2.28	0.73	319.7	255	2.35	0.75	319.7
	273	0.34	0.03	94.9	274	0.35	0.03	94.9	276	0.048.48e-03		203.3
	277	0.05	0.01	203.3	280	0.14	0.03	231.3	281	0.08	0.02	231.3
57	1	2.18	0.59	270.0	2	2.80	0.76	270.0	3	2.23	0.60	270.0
	4	2.67	0.72	270.0	5	2.10	0.57	270.0	6	2.26	0.61	270.0
	7	2.50	0.67	270.0	8	2.90	0.78	270.0	9	2.11	0.57	270.0
	10	2.03	0.55	270.0	11	2.23	0.60	270.0	12	2.40	0.65	270.0
	13	1.92	0.52	270.0	14	2.68	0.72	270.0	15	2.29	0.62	270.0
	16	1.83	0.49	270.0	17	1.89	0.51	270.0	18	1.98	0.53	270.0
	19	2.38	0.64	270.0	20	2.66	0.72	270.0	21	1.79	0.48	270.0
	22	1.85	0.50	270.0	23	1.94	0.52	270.0	24	2.57	0.69	270.0
	25	2.26	0.61	270.0	26	2.49	0.67	270.0	27	2.65	0.72	270.0
	28	1.62	0.44	270.0	29	1.69	0.46	270.0	30	1.79	0.48	270.0
	31	2.25	0.61	270.0	32	2.11	0.57	270.0	33	2.28	0.61	270.0
	34	2.50	0.68	270.0	35	1.61	0.43	270.0	36	1.65	0.45	270.0
	37	1.76	0.48	270.0	38	1.88	0.51	270.0	39	2.11	0.57	270.0
	40	2.42	0.65	270.0	41	2.24	0.61	270.0	42	1.89	0.51	270.0
	43	1.59	0.43	270.0	44	1.79	0.48	270.0	45	2.08	0.56	270.0
	46	2.46	0.66	270.0	47	1.67	0.45	270.0	48	2.24	0.61	270.0
	49	1.61	0.43	270.0	50	1.85	0.50	270.0	51	2.07	0.56	270.0
	52	2.52	0.68	270.0	53	1.67	0.45	270.0	54	1.75	0.47	270.0
	55	2.21	0.60	270.0	56	2.35	0.63	270.0	134	3.69	1.33	360.0
	135	4.58	1.65	360.0	136	3.76	1.36	360.0	137	4.37	1.57	360.0
	138	3.56	1.28	360.0	139	3.81	1.37	360.0	140	4.18	1.51	360.0
	141	4.74	1.70	360.0	142	3.59	1.29	360.0	143	4.06	1.46	360.0
	144	3.32	1.20	360.0	145	4.42	1.59	360.0	146	3.22	1.16	360.0
	147	3.45	1.24	360.0	148	3.79	1.36	360.0	149	4.40	1.58	360.0
	150	2.82	1.01	360.0	151	3.14	1.13	360.0	152	3.59	1.29	360.0
	153	4.14	1.49	360.0	154	2.75	0.99	360.0	155	3.10	1.11	360.0
	156	3.55	1.28	360.0	157	3.98	1.43	360.0	158	2.70	0.97	360.0
	159	3.16	1.14	360.0	160	3.52	1.27	360.0	161	4.09	1.47	360.0
	162	2.70	0.97	360.0	163	3.28	1.18	360.0	164	3.53	1.27	360.0
	165	4.16	1.50	360.0	166	2.88	1.04	360.0	167	3.07	1.10	360.0
	168	3.70	1.33	360.0	169	3.96	1.43	360.0	214	0.41	0.04	85.0
	215	0.45	0.04	85.0	218	0.08	0.01	158.9	219	0.14	0.02	158.9
	228	0.21	0.04	190.0	229	0.32	0.06	190.0	230	0.35	0.07	190.0
	231	0.38	0.07	190.0	232	0.28	0.05	190.0	233	0.33	0.06	190.0
	234	0.24	0.05	190.0	235	0.27	0.05	190.0	238	0.085.75e-03		73.9
	239	0.128.96e-03		73.9	240	0.11	0.03	265.9	241	0.09	0.02	265.9
	250	0.026.15e-03		284.9	251	0.04	0.01	284.9	252	2.09	0.67	319.7
	253	2.18	0.70	319.7	254	2.34	0.75	319.7	255	2.17	0.69	319.7
	273	0.13	0.01	94.9	274	0.15	0.01	94.9	276	0.023.94e-03		203.3
	277	6.00e-031.22e-03		203.3	280	0.06	0.01	231.3	281	0.19	0.04	231.3
58	1	1.58	0.43	270.0	2	2.41	0.65	270.0	3	1.65	0.45	270.0
	4	2.23	0.60	270.0	5	1.53	0.41	270.0	6	1.74	0.47	270.0
	7	2.08	0.56	270.0	8	2.59	0.70	270.0	9	1.72	0.46	270.0
	10	1.62	0.44	270.0	11	1.87	0.50	270.0	12	2.12	0.57	270.0
	13	1.57	0.42	270.0	14	2.51	0.68	270.0	15	2.06	0.56	270.0

	16	1.58	0.43	270.0	17	1.66	0.45	270.0	18	1.75	0.47	270.0
	19	2.17	0.59	270.0	20	2.57	0.70	270.0	21	1.59	0.43	270.0
	22	1.66	0.45	270.0	23	1.76	0.47	270.0	24	2.46	0.67	270.0
	25	2.16	0.58	270.0	26	2.41	0.65	270.0	27	2.59	0.70	270.0
	28	1.80	0.49	270.0	29	1.85	0.50	270.0	30	1.96	0.53	270.0
	31	2.39	0.65	270.0	32	2.32	0.63	270.0	33	2.47	0.67	270.0
	34	2.69	0.73	270.0	35	1.96	0.53	270.0	36	2.00	0.54	270.0
	37	2.09	0.57	270.0	38	2.15	0.58	270.0	39	2.40	0.65	270.0
	40	2.74	0.74	270.0	41	2.56	0.69	270.0	42	2.29	0.62	270.0
	43	2.08	0.56	270.0	44	2.24	0.60	270.0	45	2.49	0.67	270.0
	46	2.89	0.78	270.0	47	2.17	0.58	270.0	48	2.71	0.73	270.0
	49	2.22	0.60	270.0	50	2.40	0.65	270.0	51	2.60	0.70	270.0
	52	3.06	0.83	270.0	53	2.31	0.62	270.0	54	2.37	0.64	270.0
	55	2.78	0.75	270.0	56	2.94	0.79	270.0	134	2.70	0.97	360.0
	135	3.90	1.40	360.0	136	2.89	1.04	360.0	137	3.71	1.33	360.0
	138	2.54	0.91	360.0	139	3.11	1.12	360.0	140	3.48	1.25	360.0
	141	4.10	1.48	360.0	142	3.03	1.09	360.0	143	3.53	1.27	360.0
	144	2.67	0.96	360.0	145	4.04	1.45	360.0	146	2.72	0.98	360.0
	147	3.07	1.10	360.0	148	3.60	1.30	360.0	149	4.12	1.48	360.0
	150	3.20	1.15	360.0	151	3.44	1.24	360.0	152	3.93	1.42	360.0
	153	4.44	1.60	360.0	154	3.43	1.23	360.0	155	3.62	1.30	360.0
	156	4.13	1.49	360.0	157	4.50	1.62	360.0	158	3.60	1.30	360.0
	159	3.84	1.38	360.0	160	4.25	1.53	360.0	161	4.64	1.67	360.0
	162	3.80	1.37	360.0	163	4.08	1.47	360.0	164	4.40	1.58	360.0
	165	4.85	1.75	360.0	166	3.95	1.42	360.0	167	4.03	1.45	360.0
	168	4.61	1.66	360.0	169	4.72	1.70	360.0	214	0.85	0.07	85.0
	215	0.77	0.07	85.0	218	0.27	0.04	158.9	219	0.29	0.05	158.9
	228	0.44	0.08	190.0	229	0.29	0.06	190.0	230	0.37	0.07	190.0
	231	0.40	0.08	190.0	232	0.47	0.09	190.0	233	0.49	0.09	190.0
	234	0.56	0.11	190.0	235	0.52	0.10	190.0	238	0.21	0.02	73.9
	239	0.18	0.01	73.9	240	0.05	0.01	265.9	241	0.06	0.02	265.9
	250	0.15	0.04	284.9	251	0.15	0.04	284.9	252	2.05	0.65	319.7
	253	2.12	0.68	319.7	254	2.23	0.71	319.7	255	2.25	0.72	319.7
	273	0.52	0.05	94.9	274	0.72	0.07	94.9	276	0.036.06e-03		203.3
	277	0.06	0.01	203.3	280	0.12	0.03	231.3	281	0.23	0.05	231.3
59	1	1.59	0.43	270.0	2	2.41	0.65	270.0	3	1.66	0.45	270.0
	4	2.24	0.61	270.0	5	1.53	0.41	270.0	6	1.75	0.47	270.0
	7	2.08	0.56	270.0	8	2.58	0.70	270.0	9	1.72	0.46	270.0
	10	1.62	0.44	270.0	11	1.88	0.51	270.0	12	2.12	0.57	270.0
	13	1.56	0.42	270.0	14	2.50	0.68	270.0	15	2.05	0.55	270.0
	16	1.57	0.42	270.0	17	1.66	0.45	270.0	18	1.75	0.47	270.0
	19	2.23	0.60	270.0	20	2.55	0.69	270.0	21	1.57	0.43	270.0
	22	1.65	0.45	270.0	23	1.76	0.47	270.0	24	2.46	0.67	270.0
	25	2.15	0.58	270.0	26	2.39	0.65	270.0	27	2.56	0.69	270.0
	28	1.77	0.48	270.0	29	1.84	0.50	270.0	30	1.94	0.52	270.0
	31	2.39	0.65	270.0	32	2.29	0.62	270.0	33	2.44	0.66	270.0
	34	2.66	0.72	270.0	35	1.93	0.52	270.0	36	1.97	0.53	270.0
	37	2.07	0.56	270.0	38	2.14	0.58	270.0	39	2.37	0.64	270.0
	40	2.71	0.73	270.0	41	2.54	0.69	270.0	42	2.26	0.61	270.0
	43	2.05	0.55	270.0	44	2.23	0.60	270.0	45	2.46	0.66	270.0
	46	2.86	0.77	270.0	47	2.15	0.58	270.0	48	2.67	0.72	270.0
	49	2.20	0.59	270.0	50	2.41	0.65	270.0	51	2.57	0.69	270.0
	52	3.03	0.82	270.0	53	2.30	0.62	270.0	54	2.37	0.64	270.0
	55	2.75	0.74	270.0	56	2.91	0.78	270.0	134	2.70	0.97	360.0
	135	3.93	1.41	360.0	136	2.84	1.02	360.0	137	3.68	1.33	360.0
	138	2.60	0.94	360.0	139	3.01	1.08	360.0	140	3.39	1.22	360.0
	141	4.19	1.51	360.0	142	2.97	1.07	360.0	143	3.48	1.25	360.0
	144	2.70	0.97	360.0	145	4.10	1.48	360.0	146	2.75	0.99	360.0
	147	3.05	1.10	360.0	148	3.56	1.28	360.0	149	4.20	1.51	360.0
	150	3.19	1.15	360.0	151	3.48	1.25	360.0	152	4.01	1.44	360.0
	153	4.52	1.63	360.0	154	3.44	1.24	360.0	155	3.69	1.33	360.0
	156	4.22	1.52	360.0	157	4.56	1.64	360.0	158	3.63	1.31	360.0
	159	3.96	1.42	360.0	160	4.34	1.56	360.0	161	4.66	1.68	360.0
	162	3.86	1.39	360.0	163	4.25	1.53	360.0	164	4.49	1.62	360.0
	165	4.84	1.74	360.0	166	4.05	1.46	360.0	167	4.17	1.50	360.0
	168	4.65	1.67	360.0	169	4.74	1.70	360.0	214	0.76	0.06	85.0
	215	0.73	0.06	85.0	218	0.25	0.04	158.9	219	0.18	0.03	158.9
	228	0.43	0.08	190.0	229	0.25	0.05	190.0	230	0.32	0.06	190.0
	231	0.37	0.07	190.0	232	0.40	0.08	190.0	233	0.38	0.07	190.0
	234	0.48	0.09	190.0	235	0.43	0.08	190.0	238	0.23	0.02	73.9
	239	0.107.43e-03		73.9	240	0.08	0.02	265.9	241	0.11	0.03	265.9
	250	0.08	0.02	284.9	251	0.12	0.03	284.9	252	2.17	0.69	319.7
	253	2.18	0.70	319.7	254	2.15	0.69	319.7	255	2.26	0.72	319.7
	273	0.47	0.04	94.9	274	0.53	0.05	94.9	276	0.059.79e-03		203.3
	277	0.023.77e-03		203.3	280	0.13	0.03	231.3	281	0.07	0.02	231.3
60	1	2.14	0.58	270.0	2	2.77	0.75	270.0	3	2.19	0.59	270.0

	4	2.63	0.71	270.0	5	2.07	0.56	270.0	6	2.23	0.60	270.0
	7	2.46	0.66	270.0	8	2.88	0.78	270.0	9	2.06	0.56	270.0
	10	1.98	0.54	270.0	11	2.19	0.59	270.0	12	2.36	0.64	270.0
	13	1.88	0.51	270.0	14	2.66	0.72	270.0	15	2.26	0.61	270.0
	16	1.80	0.49	270.0	17	1.86	0.50	270.0	18	1.94	0.52	270.0
	19	2.48	0.67	270.0	20	2.63	0.71	270.0	21	1.77	0.48	270.0
	22	1.82	0.49	270.0	23	1.91	0.51	270.0	24	2.55	0.69	270.0
	25	2.22	0.60	270.0	26	2.46	0.66	270.0	27	2.62	0.71	270.0
	28	1.61	0.44	270.0	29	1.67	0.45	270.0	30	1.77	0.48	270.0
	31	2.24	0.60	270.0	32	2.10	0.57	270.0	33	2.26	0.61	270.0
	34	2.49	0.67	270.0	35	1.60	0.43	270.0	36	1.64	0.44	270.0
	37	1.74	0.47	270.0	38	1.86	0.50	270.0	39	2.10	0.57	270.0
	40	2.41	0.65	270.0	41	2.23	0.60	270.0	42	1.88	0.51	270.0
	43	1.60	0.43	270.0	44	1.77	0.48	270.0	45	2.07	0.56	270.0
	46	2.46	0.66	270.0	47	1.67	0.45	270.0	48	2.24	0.60	270.0
	49	1.61	0.44	270.0	50	1.83	0.49	270.0	51	2.06	0.56	270.0
	52	2.52	0.68	270.0	53	1.67	0.45	270.0	54	1.73	0.47	270.0
	55	2.21	0.60	270.0	56	2.35	0.64	270.0	134	3.71	1.34	360.0
	135	4.46	1.60	360.0	136	3.84	1.38	360.0	137	4.30	1.55	360.0
	138	3.53	1.27	360.0	139	3.91	1.41	360.0	140	4.17	1.50	360.0
	141	4.58	1.65	360.0	142	3.62	1.30	360.0	143	4.04	1.46	360.0
	144	3.25	1.17	360.0	145	4.32	1.56	360.0	146	3.14	1.13	360.0
	147	3.42	1.23	360.0	148	3.69	1.33	360.0	149	4.30	1.55	360.0
	150	2.76	0.99	360.0	151	3.04	1.10	360.0	152	3.49	1.26	360.0
	153	4.06	1.46	360.0	154	2.70	0.97	360.0	155	2.98	1.07	360.0
	156	3.42	1.23	360.0	157	3.90	1.40	360.0	158	2.66	0.96	360.0
	159	3.02	1.09	360.0	160	3.36	1.21	360.0	161	4.02	1.45	360.0
	162	2.66	0.96	360.0	163	3.10	1.11	360.0	164	3.34	1.20	360.0
	165	4.11	1.48	360.0	166	2.79	1.00	360.0	167	2.93	1.06	360.0
	168	3.57	1.28	360.0	169	3.88	1.40	360.0	214	0.51	0.04	85.0
	215	0.53	0.05	85.0	218	0.18	0.03	158.9	219	0.24	0.04	158.9
	228	0.26	0.05	190.0	229	0.33	0.06	190.0	230	0.42	0.08	190.0
	231	0.41	0.08	190.0	232	0.42	0.08	190.0	233	0.44	0.08	190.0
	234	0.37	0.07	190.0	235	0.38	0.07	190.0	238	0.139.57e-03		73.9
	239	0.14	0.01	73.9	240	0.04	0.01	265.9	241	0.11	0.03	265.9
	250	0.10	0.03	284.9	251	0.13	0.04	284.9	252	1.97	0.63	319.7
	253	2.11	0.68	319.7	254	2.42	0.77	319.7	255	2.16	0.69	319.7
	273	0.36	0.03	94.9	274	0.11	0.01	94.9	276	0.05	0.01	203.3
	277	0.05	0.01	203.3	280	0.14	0.03	231.3	281	0.024.15e-03		231.3
61	1	2.18	0.59	270.0	2	1.90	0.51	270.0	3	2.10	0.57	270.0
	4	1.91	0.52	270.0	5	2.27	0.61	270.0	6	2.03	0.55	270.0
	7	1.94	0.52	270.0	8	1.90	0.51	270.0	9	2.07	0.56	270.0
	10	2.15	0.58	270.0	11	1.99	0.54	270.0	12	1.95	0.53	270.0
	13	2.26	0.61	270.0	14	1.94	0.52	270.0	15	2.29	0.62	270.0
	16	2.30	0.62	270.0	17	2.18	0.59	270.0	18	2.11	0.57	270.0
	19	2.02	0.55	270.0	20	1.96	0.53	270.0	21	2.32	0.63	270.0
	22	2.18	0.59	270.0	23	2.11	0.57	270.0	24	2.64	0.71	270.0
	25	2.00	0.54	270.0	26	1.96	0.53	270.0	27	1.96	0.53	270.0
	28	2.37	0.64	270.0	29	2.25	0.61	270.0	30	2.19	0.59	270.0
	31	2.38	0.64	270.0	32	2.07	0.56	270.0	33	2.04	0.55	270.0
	34	2.03	0.55	270.0	35	2.42	0.65	270.0	36	2.37	0.64	270.0
	37	2.26	0.61	270.0	38	2.12	0.57	270.0	39	2.14	0.58	270.0
	40	2.10	0.57	270.0	41	2.11	0.57	270.0	42	2.22	0.60	270.0
	43	2.50	0.68	270.0	44	2.32	0.63	270.0	45	2.24	0.60	270.0
	46	2.17	0.59	270.0	47	2.41	0.65	270.0	48	2.20	0.59	270.0
	49	2.60	0.70	270.0	50	2.39	0.64	270.0	51	2.36	0.64	270.0
	52	2.27	0.61	270.0	53	2.54	0.69	270.0	54	2.47	0.67	270.0
	55	2.34	0.63	270.0	56	2.31	0.62	270.0	134	3.69	1.33	360.0
	135	3.17	1.14	360.0	136	3.57	1.28	360.0	137	3.20	1.15	360.0
	138	3.83	1.38	360.0	139	3.46	1.25	360.0	140	3.27	1.18	360.0
	141	3.16	1.14	360.0	142	3.53	1.27	360.0	143	3.29	1.18	360.0
	144	3.83	1.38	360.0	145	3.24	1.17	360.0	146	3.91	1.41	360.0
	147	3.61	1.30	360.0	148	3.35	1.20	360.0	149	3.29	1.19	360.0
	150	4.05	1.46	360.0	151	3.83	1.38	360.0	152	3.58	1.29	360.0
	153	3.49	1.26	360.0	154	4.09	1.47	360.0	155	3.96	1.42	360.0
	156	3.71	1.34	360.0	157	3.61	1.30	360.0	158	4.18	1.50	360.0
	159	4.05	1.46	360.0	160	3.87	1.39	360.0	161	3.72	1.34	360.0
	162	4.28	1.54	360.0	163	4.15	1.50	360.0	164	4.04	1.46	360.0
	165	3.85	1.39	360.0	166	4.26	1.53	360.0	167	4.21	1.52	360.0
	168	4.00	1.44	360.0	169	3.95	1.42	360.0	214	0.63	0.05	85.0
	215	0.71	0.06	85.0	218	0.15	0.02	158.9	219	0.24	0.04	158.9
	228	0.29	0.06	190.0	229	0.29	0.06	190.0	230	0.36	0.07	190.0
	231	0.36	0.07	190.0	232	0.34	0.06	190.0	233	0.40	0.08	190.0
	234	0.36	0.07	190.0	235	0.46	0.09	190.0	238	0.096.66e-03		73.9
	239	0.17	0.01	73.9	240	0.10	0.03	265.9	241	0.08	0.02	265.9
	250	0.10	0.03	284.9	251	0.07	0.02	284.9	252	2.04	0.65	319.7

62	253	1.94	0.62	319.7	254	2.09	0.67	319.7	255	1.92	0.61	319.7
	273	0.31	0.03	94.9	274	0.42	0.04	94.9	276	0.035.69e-03		203.3
	277	0.047.77e-03		203.3	280	0.08	0.02	231.3	281	0.12	0.03	231.3
	1	2.91	0.79	270.0	2	2.17	0.59	270.0	3	2.74	0.74	270.0
	4	2.26	0.61	270.0	5	3.05	0.82	270.0	6	2.55	0.69	270.0
	7	2.32	0.63	270.0	8	2.04	0.55	270.0	9	2.45	0.66	270.0
	10	2.62	0.71	270.0	11	2.23	0.60	270.0	12	2.10	0.57	270.0
	13	2.79	0.75	270.0	14	1.82	0.49	270.0	15	2.39	0.65	270.0
	16	2.76	0.75	270.0	17	2.50	0.67	270.0	18	2.31	0.62	270.0
	19	2.03	0.55	270.0	20	1.69	0.46	270.0	21	2.74	0.74	270.0
	22	2.43	0.65	270.0	23	2.25	0.61	270.0	24	2.52	0.68	270.0
	25	1.87	0.50	270.0	26	1.67	0.45	270.0	27	1.58	0.43	270.0
	28	2.65	0.71	270.0	29	2.36	0.64	270.0	30	2.19	0.59	270.0
	31	2.20	0.59	270.0	32	1.78	0.48	270.0	33	1.63	0.44	270.0
	34	1.48	0.40	270.0	35	2.55	0.69	270.0	36	2.35	0.63	270.0
	37	2.15	0.58	270.0	38	1.87	0.51	270.0	39	1.72	0.46	270.0
	40	1.46	0.39	270.0	41	1.58	0.43	270.0	42	1.89	0.51	270.0
	43	2.60	0.70	270.0	44	2.11	0.57	270.0	45	1.75	0.47	270.0
	46	1.42	0.38	270.0	47	2.35	0.63	270.0	48	1.57	0.43	270.0
	49	2.67	0.72	270.0	50	2.09	0.56	270.0	51	1.82	0.49	270.0
	52	1.42	0.38	270.0	53	2.47	0.67	270.0	54	2.28	0.61	270.0
	55	1.68	0.45	270.0	56	1.54	0.42	270.0	134	4.75	1.71	360.0
	135	3.62	1.30	360.0	136	4.56	1.64	360.0	137	3.79	1.37	360.0
	138	4.89	1.76	360.0	139	4.34	1.56	360.0	140	3.91	1.41	360.0
	141	3.37	1.21	360.0	142	4.19	1.51	360.0	143	3.57	1.29	360.0
	144	4.58	1.65	360.0	145	3.04	1.09	360.0	146	4.56	1.64	360.0
	147	3.95	1.42	360.0	148	3.24	1.16	360.0	149	2.81	1.01	360.0
	150	4.38	1.58	360.0	151	3.68	1.32	360.0	152	2.99	1.08	360.0
	153	2.49	0.90	360.0	154	4.19	1.51	360.0	155	3.60	1.30	360.0
	156	2.90	1.04	360.0	157	2.44	0.88	360.0	158	4.26	1.53	360.0
	159	3.53	1.27	360.0	160	2.94	1.06	360.0	161	2.36	0.85	360.0
	162	4.36	1.57	360.0	163	3.50	1.26	360.0	164	3.04	1.09	360.0
	165	2.33	0.84	360.0	166	4.07	1.47	360.0	167	3.78	1.36	360.0
	168	2.80	1.01	360.0	169	2.57	0.92	360.0	214	0.58	0.05	85.0
	215	0.50	0.04	85.0	218	0.26	0.04	158.9	219	0.17	0.03	158.9
	228	0.30	0.06	190.0	229	0.39	0.07	190.0	230	0.45	0.09	190.0
	231	0.36	0.07	190.0	232	0.48	0.09	190.0	233	0.39	0.07	190.0
	234	0.43	0.08	190.0	235	0.35	0.07	190.0	238	0.139.88e-03		73.9
	239	0.139.31e-03		73.9	240	0.11	0.03	265.9	241	0.024.94e-03		265.9
	250	0.13	0.04	284.9	251	0.10	0.03	284.9	252	2.36	0.76	319.7
	253	1.43	0.46	319.7	254	2.36	0.76	319.7	255	1.77	0.57	319.7
	273	0.37	0.03	94.9	274	0.34	0.03	94.9	276	0.06	0.01	203.3
	277	0.048.49e-03		203.3	280	0.09	0.02	231.3	281	0.14	0.03	231.3
63	1	2.88	0.78	270.0	2	2.12	0.57	270.0	3	2.72	0.73	270.0
	4	2.21	0.60	270.0	5	3.02	0.82	270.0	6	2.52	0.68	270.0
	7	2.27	0.61	270.0	8	1.98	0.53	270.0	9	2.43	0.66	270.0
	10	2.61	0.70	270.0	11	2.21	0.60	270.0	12	2.07	0.56	270.0
	13	2.78	0.75	270.0	14	1.76	0.48	270.0	15	2.38	0.64	270.0
	16	2.75	0.74	270.0	17	2.49	0.67	270.0	18	2.30	0.62	270.0
	19	2.15	0.58	270.0	20	1.63	0.44	270.0	21	2.73	0.74	270.0
	22	2.42	0.65	270.0	23	2.25	0.61	270.0	24	2.52	0.68	270.0
	25	1.84	0.50	270.0	26	1.63	0.44	270.0	27	1.53	0.41	270.0
	28	2.64	0.71	270.0	29	2.36	0.64	270.0	30	2.19	0.59	270.0
	31	2.20	0.59	270.0	32	1.76	0.48	270.0	33	1.62	0.44	270.0
	34	1.46	0.39	270.0	35	2.55	0.69	270.0	36	2.35	0.64	270.0
	37	2.17	0.58	270.0	38	1.88	0.51	270.0	39	1.72	0.47	270.0
	40	1.46	0.39	270.0	41	1.58	0.43	270.0	42	1.90	0.51	270.0
	43	2.60	0.70	270.0	44	2.13	0.58	270.0	45	1.77	0.48	270.0
	46	1.43	0.39	270.0	47	2.36	0.64	270.0	48	1.59	0.43	270.0
	49	2.67	0.72	270.0	50	2.12	0.57	270.0	51	1.85	0.50	270.0
	52	1.44	0.39	270.0	53	2.48	0.67	270.0	54	2.29	0.62	270.0
	55	1.70	0.46	270.0	56	1.57	0.42	270.0	134	4.78	1.72	360.0
	135	3.53	1.27	360.0	136	4.55	1.64	360.0	137	3.66	1.32	360.0
	138	4.96	1.79	360.0	139	4.27	1.54	360.0	140	3.75	1.35	360.0
	141	3.33	1.20	360.0	142	4.12	1.48	360.0	143	3.49	1.26	360.0
	144	4.61	1.66	360.0	145	3.05	1.10	360.0	146	4.58	1.65	360.0
	147	3.92	1.41	360.0	148	3.14	1.13	360.0	149	2.87	1.03	360.0
	150	4.41	1.59	360.0	151	3.75	1.35	360.0	152	3.08	1.11	360.0
	153	2.56	0.92	360.0	154	4.24	1.53	360.0	155	3.71	1.34	360.0
	156	3.02	1.09	360.0	157	2.51	0.90	360.0	158	4.30	1.55	360.0
	159	3.68	1.32	360.0	160	3.11	1.12	360.0	161	2.43	0.87	360.0
	162	4.39	1.58	360.0	163	3.68	1.32	360.0	164	3.25	1.17	360.0
	165	2.41	0.87	360.0	166	4.14	1.49	360.0	167	3.89	1.40	360.0
	168	2.96	1.07	360.0	169	2.69	0.97	360.0	214	0.49	0.04	85.0
	215	0.41	0.03	85.0	218	0.16	0.03	158.9	219	0.07	0.01	158.9
	228	0.32	0.06	190.0	229	0.34	0.06	190.0	230	0.40	0.08	190.0

64	231	0.33	0.06	190.0	232	0.36	0.07	190.0	233	0.27	0.05	190.0
	234	0.30	0.06	190.0	235	0.23	0.04	190.0	238	0.11	7.99e-03	73.9
	239	0.08	6.00e-03	73.9	240	0.11	0.03	265.9	241	0.11	0.03	265.9
	250	0.05	0.01	284.9	251	0.02	5.06e-03	284.9	252	2.43	0.78	319.7
	253	1.54	0.49	319.7	254	2.36	0.76	319.7	255	1.72	0.55	319.7
	273	0.18	0.02	94.9	274	0.13	0.01	94.9	276	0.02	5.06e-03	203.3
	277	0.03	6.32e-03	203.3	280	0.11	0.03	231.3	281	0.05	0.01	231.3
	1	2.17	0.59	270.0	2	1.89	0.51	270.0	3	2.09	0.56	270.0
	4	1.90	0.51	270.0	5	2.27	0.61	270.0	6	2.02	0.55	270.0
	7	1.93	0.52	270.0	8	1.91	0.52	270.0	9	2.05	0.55	270.0
	10	2.13	0.58	270.0	11	1.97	0.53	270.0	12	1.93	0.52	270.0
	13	2.25	0.61	270.0	14	1.92	0.52	270.0	15	2.26	0.61	270.0
	16	2.29	0.62	270.0	17	2.16	0.58	270.0	18	2.08	0.56	270.0
	19	2.09	0.56	270.0	20	1.94	0.52	270.0	21	2.31	0.62	270.0
	22	2.16	0.58	270.0	23	2.09	0.56	270.0	24	2.62	0.71	270.0
	25	1.97	0.53	270.0	26	1.93	0.52	270.0	27	1.93	0.52	270.0
	28	2.36	0.64	270.0	29	2.23	0.60	270.0	30	2.16	0.58	270.0
	31	2.36	0.64	270.0	32	2.03	0.55	270.0	33	2.00	0.54	270.0
	34	1.99	0.54	270.0	35	2.39	0.65	270.0	36	2.35	0.63	270.0
	37	2.22	0.60	270.0	38	2.10	0.57	270.0	39	2.11	0.57	270.0
	40	2.06	0.56	270.0	41	2.07	0.56	270.0	42	2.18	0.59	270.0
	43	2.48	0.67	270.0	44	2.28	0.62	270.0	45	2.19	0.59	270.0
	46	2.13	0.58	270.0	47	2.39	0.64	270.0	48	2.16	0.58	270.0
	49	2.59	0.70	270.0	50	2.35	0.63	270.0	51	2.30	0.62	270.0
	52	2.22	0.60	270.0	53	2.52	0.68	270.0	54	2.45	0.66	270.0
	55	2.29	0.62	270.0	56	2.26	0.61	270.0	134	3.69	1.33	360.0
	135	3.11	1.12	360.0	136	3.62	1.30	360.0	137	3.20	1.15	360.0
	138	3.77	1.36	360.0	139	3.57	1.28	360.0	140	3.33	1.20	360.0
	141	3.05	1.10	360.0	142	3.58	1.29	360.0	143	3.30	1.19	360.0
	144	3.77	1.36	360.0	145	3.15	1.13	360.0	146	3.84	1.38	360.0
	147	3.60	1.29	360.0	148	3.27	1.18	360.0	149	3.20	1.15	360.0
	150	3.99	1.44	360.0	151	3.73	1.34	360.0	152	3.48	1.25	360.0
	153	3.41	1.23	360.0	154	4.03	1.45	360.0	155	3.84	1.38	360.0
	156	3.59	1.29	360.0	157	3.53	1.27	360.0	158	4.14	1.49	360.0
	159	3.92	1.41	360.0	160	3.70	1.33	360.0	161	3.62	1.30	360.0
	162	4.28	1.54	360.0	163	4.02	1.45	360.0	164	3.82	1.38	360.0
	165	3.74	1.35	360.0	166	4.23	1.52	360.0	167	4.14	1.49	360.0
	168	3.81	1.37	360.0	169	3.79	1.36	360.0	214	0.68	0.06	85.0
	215	0.79	0.07	85.0	218	0.26	0.04	158.9	219	0.27	0.04	158.9
	228	0.31	0.06	190.0	229	0.33	0.06	190.0	230	0.43	0.08	190.0
	231	0.39	0.07	190.0	232	0.47	0.09	190.0	233	0.48	0.09	190.0
	234	0.47	0.09	190.0	235	0.54	0.10	190.0	238	0.17	0.01	73.9
	239	0.16	0.01	73.9	240	0.04	0.01	265.9	241	0.07	0.02	265.9
	250	0.14	0.04	284.9	251	0.14	0.04	284.9	252	1.99	0.64	319.7
	253	1.84	0.59	319.7	254	2.10	0.67	319.7	255	1.95	0.62	319.7
	273	0.49	0.05	94.9	274	0.48	0.05	94.9	276	0.07	0.01	203.3
	277	0.03	6.75e-03	203.3	280	0.15	0.03	231.3	281	0.11	0.03	231.3
65	1	2.35	0.63	270.0	2	1.68	0.45	270.0	3	2.21	0.60	270.0
	4	1.76	0.47	270.0	5	2.50	0.68	270.0	6	2.09	0.56	270.0
	7	1.84	0.50	270.0	8	1.62	0.44	270.0	9	2.14	0.58	270.0
	10	2.28	0.61	270.0	11	1.97	0.53	270.0	12	1.83	0.50	270.0
	13	2.46	0.66	270.0	14	1.69	0.46	270.0	15	2.16	0.58	270.0
	16	2.51	0.68	270.0	17	2.31	0.62	270.0	18	2.18	0.59	270.0
	19	1.91	0.52	270.0	20	1.72	0.46	270.0	21	2.55	0.69	270.0
	22	2.32	0.63	270.0	23	2.19	0.59	270.0	24	2.60	0.70	270.0
	25	1.91	0.51	270.0	26	1.78	0.48	270.0	27	1.73	0.47	270.0
	28	2.60	0.70	270.0	29	2.40	0.65	270.0	30	2.28	0.62	270.0
	31	2.45	0.66	270.0	32	2.00	0.54	270.0	33	1.92	0.52	270.0
	34	1.84	0.50	270.0	35	2.64	0.71	270.0	36	2.52	0.68	270.0
	37	2.38	0.64	270.0	38	2.17	0.59	270.0	39	2.13	0.58	270.0
	40	1.97	0.53	270.0	41	2.03	0.55	270.0	42	2.28	0.62	270.0
	43	2.76	0.75	270.0	44	2.45	0.66	270.0	45	2.27	0.61	270.0
	46	2.07	0.56	270.0	47	2.61	0.70	270.0	48	2.16	0.58	270.0
	49	2.89	0.78	270.0	50	2.54	0.69	270.0	51	2.44	0.66	270.0
	52	2.19	0.59	270.0	53	2.79	0.75	270.0	54	2.67	0.72	270.0
	55	2.38	0.64	270.0	56	2.29	0.62	270.0	134	3.95	1.42	360.0
	135	2.86	1.03	360.0	136	3.74	1.35	360.0	137	2.97	1.07	360.0
	138	4.17	1.50	360.0	139	3.54	1.28	360.0	140	3.17	1.14	360.0
	141	2.77	1.00	360.0	142	3.63	1.31	360.0	143	3.16	1.14	360.0
	144	4.12	1.48	360.0	145	2.89	1.04	360.0	146	4.24	1.53	360.0
	147	3.73	1.34	360.0	148	3.19	1.15	360.0	149	2.95	1.06	360.0
	150	4.42	1.59	360.0	151	3.99	1.44	360.0	152	3.49	1.26	360.0
	153	3.22	1.16	360.0	154	4.45	1.60	360.0	155	4.16	1.50	360.0
	156	3.66	1.32	360.0	157	3.42	1.23	360.0	158	4.59	1.65	360.0
	159	4.27	1.54	360.0	160	3.88	1.40	360.0	161	3.61	1.30	360.0
	162	4.74	1.71	360.0	163	4.40	1.58	360.0	164	4.11	1.48	360.0

66	165	3.78	1.36	360.0	166	4.66	1.68	360.0	167	4.54	1.63	360.0
	168	4.02	1.45	360.0	169	3.96	1.42	360.0	214	0.67	0.06	85.0
	215	0.73	0.06	85.0	218	0.16	0.03	158.9	219	0.24	0.04	158.9
	228	0.16	0.03	190.0	229	0.31	0.06	190.0	230	0.39	0.07	190.0
	231	0.35	0.07	190.0	232	0.36	0.07	190.0	233	0.38	0.07	190.0
	234	0.39	0.07	190.0	235	0.46	0.09	190.0	238	0.11 7.84e-03		73.9
	239	0.20	0.01	73.9	240	0.10	0.03	265.9	241	0.08	0.02	265.9
	250	0.11	0.03	284.9	251	0.08	0.02	284.9	252	2.23	0.71	319.7
	253	1.77	0.57	319.7	254	2.29	0.73	319.7	255	1.74	0.56	319.7
	273	0.34	0.03	94.9	274	0.44	0.04	94.9	276	0.03 6.91e-03		203.3
	277	0.04 8.41e-03		203.3	280	0.08	0.02	231.3	281	0.19	0.04	231.3
	1	2.66	0.72	270.0	2	2.20	0.59	270.0	3	2.54	0.69	270.0
	4	2.24	0.61	270.0	5	2.76	0.75	270.0	6	2.41	0.65	270.0
	7	2.28	0.61	270.0	8	2.13	0.57	270.0	9	2.33	0.63	270.0
	10	2.45	0.66	270.0	11	2.19	0.59	270.0	12	2.13	0.58	270.0
	13	2.57	0.69	270.0	14	1.97	0.53	270.0	15	2.26	0.61	270.0
	16	2.54	0.69	270.0	17	2.35	0.63	270.0	18	2.22	0.60	270.0
	19	2.09	0.56	270.0	20	1.89	0.51	270.0	21	2.52	0.68	270.0
	22	2.29	0.62	270.0	23	2.18	0.59	270.0	24	2.50	0.68	270.0
	25	1.97	0.53	270.0	26	1.85	0.50	270.0	27	1.81	0.49	270.0
	28	2.44	0.66	270.0	29	2.23	0.60	270.0	30	2.12	0.57	270.0
	31	2.27	0.61	270.0	32	1.89	0.51	270.0	33	1.80	0.49	270.0
	34	1.72	0.47	270.0	35	2.36	0.64	270.0	36	2.24	0.61	270.0
	37	2.08	0.56	270.0	38	1.90	0.51	270.0	39	1.81	0.49	270.0
	40	1.69	0.46	270.0	41	1.74	0.47	270.0	42	1.90	0.51	270.0
	43	2.38	0.64	270.0	44	2.04	0.55	270.0	45	1.81	0.49	270.0
	46	1.65	0.45	270.0	47	2.20	0.60	270.0	48	1.73	0.47	270.0
	49	2.42	0.65	270.0	50	2.01	0.54	270.0	51	1.84	0.50	270.0
	52	1.64	0.44	270.0	53	2.28	0.62	270.0	54	2.14	0.58	270.0
	55	1.75	0.47	270.0	56	1.70	0.46	270.0	134	4.38	1.58	360.0
	135	3.67	1.32	360.0	136	4.27	1.54	360.0	137	3.79	1.37	360.0
	138	4.46	1.61	360.0	139	4.13	1.49	360.0	140	3.83	1.38	360.0
	141	3.49	1.26	360.0	142	4.00	1.44	360.0	143	3.58	1.29	360.0
	144	4.24	1.53	360.0	145	3.25	1.17	360.0	146	4.21	1.52	360.0
	147	3.81	1.37	360.0	148	3.37	1.21	360.0	149	3.09	1.11	360.0
	150	4.06	1.46	360.0	151	3.58	1.29	360.0	152	3.16	1.14	360.0
	153	2.87	1.03	360.0	154	3.90	1.40	360.0	155	3.49	1.26	360.0
	156	3.09	1.11	360.0	157	2.81	1.01	360.0	158	3.93	1.41	360.0
	159	3.42	1.23	360.0	160	3.10	1.12	360.0	161	2.67	0.96	360.0
	162	3.99	1.44	360.0	163	3.39	1.22	360.0	164	3.15	1.13	360.0
	165	2.64	0.95	360.0	166	3.78	1.36	360.0	167	3.57	1.29	360.0
	168	2.98	1.07	360.0	169	2.77	1.00	360.0	214	0.58	0.05	85.0
	215	0.54	0.05	85.0	218	0.24	0.04	158.9	219	0.18	0.03	158.9
	228	0.43	0.08	190.0	229	0.37	0.07	190.0	230	0.43	0.08	190.0
	231	0.37	0.07	190.0	232	0.46	0.09	190.0	233	0.42	0.08	190.0
	234	0.42	0.08	190.0	235	0.39	0.07	190.0	238	0.14	0.01	73.9
	239	0.13 9.37e-03		73.9	240	0.10	0.03	265.9	241	0.02 6.30e-03		265.9
	250	0.13	0.04	284.9	251	0.10	0.03	284.9	252	2.18	0.70	319.7
	253	1.61	0.51	319.7	254	2.17	0.69	319.7	255	1.93	0.62	319.7
	273	0.36	0.03	94.9	274	0.60	0.06	94.9	276	0.05	0.01	203.3
	277	0.04 7.45e-03		203.3	280	0.09	0.02	231.3	281	0.23	0.05	231.3
67	1	2.64	0.71	270.0	2	2.15	0.58	270.0	3	2.52	0.68	270.0
	4	2.20	0.59	270.0	5	2.73	0.74	270.0	6	2.38	0.64	270.0
	7	2.24	0.60	270.0	8	2.07	0.56	270.0	9	2.31	0.62	270.0
	10	2.43	0.66	270.0	11	2.17	0.59	270.0	12	2.10	0.57	270.0
	13	2.55	0.69	270.0	14	1.92	0.52	270.0	15	2.25	0.61	270.0
	16	2.53	0.68	270.0	17	2.34	0.63	270.0	18	2.21	0.60	270.0
	19	2.20	0.59	270.0	20	1.84	0.50	270.0	21	2.51	0.68	270.0
	22	2.29	0.62	270.0	23	2.17	0.59	270.0	24	2.50	0.68	270.0
	25	1.94	0.52	270.0	26	1.81	0.49	270.0	27	1.76	0.48	270.0
	28	2.43	0.66	270.0	29	2.23	0.60	270.0	30	2.12	0.57	270.0
	31	2.27	0.61	270.0	32	1.87	0.50	270.0	33	1.79	0.48	270.0
	34	1.70	0.46	270.0	35	2.36	0.64	270.0	36	2.24	0.61	270.0
	37	2.09	0.56	270.0	38	1.90	0.51	270.0	39	1.81	0.49	270.0
	40	1.68	0.45	270.0	41	1.74	0.47	270.0	42	1.91	0.52	270.0
	43	2.38	0.64	270.0	44	2.06	0.56	270.0	45	1.83	0.49	270.0
	46	1.66	0.45	270.0	47	2.21	0.60	270.0	48	1.73	0.47	270.0
	49	2.42	0.65	270.0	50	2.04	0.55	270.0	51	1.86	0.50	270.0
	52	1.66	0.45	270.0	53	2.29	0.62	270.0	54	2.16	0.58	270.0
	55	1.77	0.48	270.0	56	1.71	0.46	270.0	134	4.41	1.59	360.0
	135	3.59	1.29	360.0	136	4.25	1.53	360.0	137	3.67	1.32	360.0
	138	4.53	1.63	360.0	139	4.06	1.46	360.0	140	3.68	1.33	360.0
	141	3.47	1.25	360.0	142	3.94	1.42	360.0	143	3.50	1.26	360.0
	144	4.27	1.54	360.0	145	3.28	1.18	360.0	146	4.24	1.53	360.0
	147	3.79	1.36	360.0	148	3.28	1.18	360.0	149	3.16	1.14	360.0
	150	4.09	1.47	360.0	151	3.64	1.31	360.0	152	3.25	1.17	360.0

68	153	2.95	1.06	360.0	154	3.95	1.42	360.0	155	3.60	1.30	360.0
	156	3.21	1.16	360.0	157	2.88	1.04	360.0	158	3.97	1.43	360.0
	159	3.57	1.29	360.0	160	3.26	1.17	360.0	161	2.74	0.99	360.0
	162	4.02	1.45	360.0	163	3.57	1.28	360.0	164	3.35	1.21	360.0
	165	2.70	0.97	360.0	166	3.85	1.39	360.0	167	3.69	1.33	360.0
	168	3.14	1.13	360.0	169	2.88	1.04	360.0	214	0.48	0.04	85.0
	215	0.45	0.04	85.0	218	0.15	0.02	158.9	219	0.08	0.01	158.9
	228	0.44	0.08	190.0	229	0.32	0.06	190.0	230	0.37	0.07	190.0
	231	0.34	0.07	190.0	232	0.35	0.07	190.0	233	0.30	0.06	190.0
	234	0.30	0.06	190.0	235	0.27	0.05	190.0	238	0.13	9.48e-03	73.9
	239	0.07	5.12e-03	73.9	240	0.11	0.03	265.9	241	0.11	0.03	265.9
	250	0.04	0.01	284.9	251	0.03	7.44e-03	284.9	252	2.24	0.72	319.7
	253	1.71	0.55	319.7	254	2.17	0.69	319.7	255	1.88	0.60	319.7
	273	0.19	0.02	94.9	274	0.38	0.04	94.9	276	0.03	5.10e-03	203.3
	277	0.03	5.60e-03	203.3	280	0.11	0.03	231.3	281	0.04	9.94e-03	231.3
	1	2.35	0.63	270.0	2	1.69	0.46	270.0	3	2.21	0.60	270.0
	4	1.76	0.47	270.0	5	2.50	0.68	270.0	6	2.08	0.56	270.0
	7	1.84	0.50	270.0	8	1.63	0.44	270.0	9	2.12	0.57	270.0
	10	2.26	0.61	270.0	11	1.95	0.53	270.0	12	1.82	0.49	270.0
	13	2.45	0.66	270.0	14	1.67	0.45	270.0	15	2.14	0.58	270.0
	16	2.50	0.68	270.0	17	2.30	0.62	270.0	18	2.15	0.58	270.0
	19	1.98	0.53	270.0	20	1.69	0.46	270.0	21	2.54	0.69	270.0
	22	2.30	0.62	270.0	23	2.17	0.59	270.0	24	2.58	0.70	270.0
	25	1.88	0.51	270.0	26	1.75	0.47	270.0	27	1.70	0.46	270.0
	28	2.59	0.70	270.0	29	2.38	0.64	270.0	30	2.25	0.61	270.0
	31	2.43	0.66	270.0	32	1.96	0.53	270.0	33	1.88	0.51	270.0
	34	1.80	0.49	270.0	35	2.62	0.71	270.0	36	2.50	0.67	270.0
	37	2.34	0.63	270.0	38	2.15	0.58	270.0	39	2.09	0.56	270.0
	40	1.93	0.52	270.0	41	1.98	0.54	270.0	42	2.24	0.60	270.0
	43	2.75	0.74	270.0	44	2.42	0.65	270.0	45	2.22	0.60	270.0
	46	2.02	0.55	270.0	47	2.59	0.70	270.0	48	2.12	0.57	270.0
	49	2.88	0.78	270.0	50	2.50	0.68	270.0	51	2.38	0.64	270.0
	52	2.14	0.58	270.0	53	2.77	0.75	270.0	54	2.65	0.71	270.0
	55	2.33	0.63	270.0	56	2.24	0.60	270.0	134	3.94	1.42	360.0
	135	2.81	1.01	360.0	136	3.78	1.36	360.0	137	2.98	1.07	360.0
	138	4.11	1.48	360.0	139	3.64	1.31	360.0	140	3.24	1.17	360.0
	141	2.66	0.96	360.0	142	3.68	1.33	360.0	143	3.18	1.15	360.0
	144	4.07	1.46	360.0	145	2.80	1.01	360.0	146	4.17	1.50	360.0
	147	3.71	1.34	360.0	148	3.11	1.12	360.0	149	2.85	1.03	360.0
	150	4.35	1.57	360.0	151	3.89	1.40	360.0	152	3.40	1.22	360.0
	153	3.14	1.13	360.0	154	4.39	1.58	360.0	155	4.05	1.46	360.0
	156	3.54	1.27	360.0	157	3.34	1.20	360.0	158	4.56	1.64	360.0
	159	4.15	1.49	360.0	160	3.71	1.33	360.0	161	3.52	1.27	360.0
	162	4.74	1.71	360.0	163	4.27	1.54	360.0	164	3.89	1.40	360.0
	165	3.66	1.32	360.0	166	4.62	1.66	360.0	167	4.47	1.61	360.0
	168	3.83	1.38	360.0	169	3.80	1.37	360.0	214	0.72	0.06	85.0
	215	0.80	0.07	85.0	218	0.27	0.04	158.9	219	0.27	0.04	158.9
	228	0.18	0.03	190.0	229	0.35	0.07	190.0	230	0.46	0.09	190.0
	231	0.38	0.07	190.0	232	0.50	0.09	190.0	233	0.46	0.09	190.0
	234	0.49	0.09	190.0	235	0.53	0.10	190.0	238	0.19	0.01	73.9
	239	0.18	0.01	73.9	240	0.05	0.01	265.9	241	0.06	0.02	265.9
	250	0.15	0.04	284.9	251	0.15	0.04	284.9	252	2.18	0.70	319.7
	253	1.66	0.53	319.7	254	2.30	0.73	319.7	255	1.78	0.57	319.7
	273	0.52	0.05	94.9	274	0.38	0.04	94.9	276	0.08	0.02	203.3
	277	0.04	7.99e-03	203.3	280	0.15	0.03	231.3	281	0.07	0.02	231.3
69	1	2.25	0.61	270.0	2	2.52	0.68	270.0	3	2.25	0.61	270.0
	4	2.45	0.66	270.0	5	2.20	0.59	270.0	6	2.21	0.60	270.0
	7	2.33	0.63	270.0	8	2.54	0.69	270.0	9	2.00	0.54	270.0
	10	1.98	0.54	270.0	11	2.05	0.55	270.0	12	2.13	0.58	270.0
	13	1.90	0.51	270.0	14	2.24	0.60	270.0	15	3.50	0.95	270.0
	16	1.75	0.47	270.0	17	1.74	0.47	270.0	18	1.77	0.48	270.0
	19	2.46	0.66	270.0	20	2.14	0.58	270.0	21	1.62	0.44	270.0
	22	1.60	0.43	270.0	23	1.61	0.44	270.0	24	4.49	1.21	270.0
	25	1.79	0.48	270.0	26	1.91	0.52	270.0	27	2.01	0.54	270.0
	28	1.41	0.38	270.0	29	1.40	0.38	270.0	30	1.43	0.39	270.0
	31	3.30	0.89	270.0	32	1.60	0.43	270.0	33	1.67	0.45	270.0
	34	1.82	0.49	270.0	35	1.24	0.33	270.0	36	1.24	0.33	270.0
	37	1.27	0.34	270.0	38	1.34	0.36	270.0	39	1.43	0.39	270.0
	40	1.63	0.44	270.0	41	1.51	0.41	270.0	42	1.26	0.34	270.0
	43	1.12	0.30	270.0	44	1.15	0.31	270.0	45	1.31	0.35	270.0
	46	1.57	0.42	270.0	47	1.09	0.30	270.0	48	1.41	0.38	270.0
	49	1.01	0.27	270.0	50	1.05	0.28	270.0	51	1.22	0.33	270.0
	52	1.53	0.41	270.0	53	0.97	0.26	270.0	54	0.98	0.26	270.0
	55	1.28	0.35	270.0	56	1.38	0.37	270.0	134	3.82	1.37	360.0
	135	4.19	1.51	360.0	136	3.82	1.38	360.0	137	4.11	1.48	360.0
	138	3.75	1.35	360.0	139	3.78	1.36	360.0	140	3.96	1.43	360.0

	141	4.22	1.52	360.0	142	3.57	1.29	360.0	143	3.75	1.35	360.0
	144	3.46	1.25	360.0	145	3.86	1.39	360.0	146	3.31	1.19	360.0
	147	3.34	1.20	360.0	148	3.09	1.11	360.0	149	3.74	1.35	360.0
	150	2.77	1.00	360.0	151	2.81	1.01	360.0	152	2.97	1.07	360.0
	153	3.29	1.19	360.0	154	2.42	0.87	360.0	155	2.46	0.89	360.0
	156	2.68	0.96	360.0	157	2.97	1.07	360.0	158	2.15	0.77	360.0
	159	2.22	0.80	360.0	160	2.44	0.88	360.0	161	2.83	1.02	360.0
	162	1.90	0.68	360.0	163	2.00	0.72	360.0	164	2.22	0.80	360.0
	165	2.72	0.98	360.0	166	1.81	0.65	360.0	167	1.85	0.67	360.0
	168	2.31	0.83	360.0	169	2.49	0.89	360.0	214	0.55	0.05	85.0
	215	0.57	0.05	85.0	218	0.18	0.03	158.9	219	0.23	0.04	158.9
	228	0.19	0.04	190.0	229	0.25	0.05	190.0	230	0.22	0.04	190.0
	231	0.21	0.04	190.0	232	0.29	0.05	190.0	233	0.32	0.06	190.0
	234	0.39	0.07	190.0	235	0.42	0.08	190.0	238	0.128.67e-03		73.9
	239	0.18	0.01	73.9	240	0.13	0.03	265.9	241	0.07	0.02	265.9
	250	0.11	0.03	284.9	251	0.08	0.02	284.9	252	0.18	0.06	319.7
	253	1.03	0.33	319.7	254	0.49	0.16	319.7	255	0.91	0.29	319.7
	273	0.42	0.04	94.9	274	0.49	0.05	94.9	276	0.023.92e-03		203.3
	277	0.036.86e-03		203.3	280	0.09	0.02	231.3	281	0.18	0.04	231.3
70	1	2.04	0.55	270.0	2	1.95	0.53	270.0	3	1.99	0.54	270.0
	4	1.95	0.53	270.0	5	2.07	0.56	270.0	6	1.94	0.52	270.0
	7	1.93	0.52	270.0	8	1.91	0.52	270.0	9	1.85	0.50	270.0
	10	1.88	0.51	270.0	11	1.81	0.49	270.0	12	1.81	0.49	270.0
	13	1.90	0.51	270.0	14	1.77	0.48	270.0	15	3.41	0.92	270.0
	16	1.84	0.50	270.0	17	1.76	0.48	270.0	18	1.72	0.47	270.0
	19	2.23	0.60	270.0	20	1.70	0.46	270.0	21	1.75	0.47	270.0
	22	1.65	0.44	270.0	23	1.60	0.43	270.0	24	4.46	1.20	270.0
	25	1.59	0.43	270.0	26	1.56	0.42	270.0	27	1.57	0.42	270.0
	28	1.75	0.47	270.0	29	1.66	0.45	270.0	30	1.64	0.44	270.0
	31	3.35	0.90	270.0	32	1.60	0.43	270.0	33	1.57	0.42	270.0
	34	1.58	0.43	270.0	35	1.67	0.45	270.0	36	1.59	0.43	270.0
	37	1.58	0.43	270.0	38	1.51	0.41	270.0	39	1.51	0.41	270.0
	40	1.50	0.40	270.0	41	1.49	0.40	270.0	42	1.51	0.41	270.0
	43	1.66	0.45	270.0	44	1.54	0.42	270.0	45	1.49	0.40	270.0
	46	1.47	0.40	270.0	47	1.58	0.43	270.0	48	1.48	0.40	270.0
	49	1.66	0.45	270.0	50	1.51	0.41	270.0	51	1.50	0.41	270.0
	52	1.48	0.40	270.0	53	1.59	0.43	270.0	54	1.54	0.42	270.0
	55	1.49	0.40	270.0	56	1.48	0.40	270.0	134	3.47	1.25	360.0
	135	3.38	1.22	360.0	136	3.43	1.24	360.0	137	3.39	1.22	360.0
	138	3.50	1.26	360.0	139	3.39	1.22	360.0	140	3.38	1.22	360.0
	141	3.34	1.20	360.0	142	3.35	1.21	360.0	143	3.28	1.18	360.0
	144	3.42	1.23	360.0	145	3.20	1.15	360.0	146	3.39	1.22	360.0
	147	3.26	1.17	360.0	148	2.75	0.99	360.0	149	3.10	1.12	360.0
	150	3.31	1.19	360.0	151	3.14	1.13	360.0	152	3.03	1.09	360.0
	153	3.00	1.08	360.0	154	3.12	1.12	360.0	155	2.96	1.06	360.0
	156	2.86	1.03	360.0	157	2.84	1.02	360.0	158	3.03	1.09	360.0
	159	2.82	1.02	360.0	160	2.76	0.99	360.0	161	2.72	0.98	360.0
	162	2.96	1.07	360.0	163	2.71	0.97	360.0	164	2.67	0.96	360.0
	165	2.63	0.95	360.0	166	2.84	1.02	360.0	167	2.75	0.99	360.0
	168	2.62	0.94	360.0	169	2.61	0.94	360.0	214	0.73	0.06	85.0
	215	0.67	0.06	85.0	218	0.26	0.04	158.9	219	0.25	0.04	158.9
	228	0.16	0.03	190.0	229	0.25	0.05	190.0	230	0.26	0.05	190.0
	231	0.20	0.04	190.0	232	0.39	0.07	190.0	233	0.35	0.07	190.0
	234	0.51	0.10	190.0	235	0.48	0.09	190.0	238	0.17	0.01	73.9
	239	0.19	0.01	73.9	240	0.12	0.03	265.9	241	0.049.82e-03		265.9
	250	0.14	0.04	284.9	251	0.12	0.03	284.9	252	0.90	0.29	319.7
	253	0.23	0.07	319.7	254	0.76	0.24	319.7	255	0.31	0.10	319.7
	273	0.53	0.05	94.9	274	0.57	0.05	94.9	276	0.024.43e-03		203.3
	277	0.059.33e-03		203.3	280	0.11	0.02	231.3	281	0.19	0.04	231.3
71	1	1.99	0.54	270.0	2	1.87	0.51	270.0	3	1.95	0.53	270.0
	4	1.88	0.51	270.0	5	2.02	0.54	270.0	6	1.88	0.51	270.0
	7	1.86	0.50	270.0	8	1.84	0.50	270.0	9	1.79	0.48	270.0
	10	1.83	0.49	270.0	11	1.74	0.47	270.0	12	1.74	0.47	270.0
	13	1.85	0.50	270.0	14	1.68	0.45	270.0	15	3.37	0.91	270.0
	16	1.80	0.49	270.0	17	1.72	0.46	270.0	18	1.68	0.45	270.0
	19	2.44	0.66	270.0	20	1.60	0.43	270.0	21	1.71	0.46	270.0
	22	1.61	0.43	270.0	23	1.56	0.42	270.0	24	4.44	1.20	270.0
	25	1.50	0.40	270.0	26	1.47	0.40	270.0	27	1.47	0.40	270.0
	28	1.71	0.46	270.0	29	1.62	0.44	270.0	30	1.59	0.43	270.0
	31	3.34	0.90	270.0	32	1.52	0.41	270.0	33	1.49	0.40	270.0
	34	1.49	0.40	270.0	35	1.63	0.44	270.0	36	1.54	0.42	270.0
	37	1.54	0.41	270.0	38	1.47	0.40	270.0	39	1.45	0.39	270.0
	40	1.43	0.38	270.0	41	1.43	0.39	270.0	42	1.45	0.39	270.0
	43	1.63	0.44	270.0	44	1.51	0.41	270.0	45	1.43	0.39	270.0
	46	1.41	0.38	270.0	47	1.55	0.42	270.0	48	1.41	0.38	270.0
	49	1.64	0.44	270.0	50	1.50	0.40	270.0	51	1.44	0.39	270.0

	52	1.40	0.38	270.0	53	1.58	0.43	270.0	54	1.53	0.41	270.0
	55	1.42	0.38	270.0	56	1.41	0.38	270.0	134	3.52	1.27	360.0
	135	3.21	1.16	360.0	136	3.47	1.25	360.0	137	3.22	1.16	360.0
	138	3.55	1.28	360.0	139	3.39	1.22	360.0	140	3.22	1.16	360.0
	141	3.18	1.15	360.0	142	3.30	1.19	360.0	143	3.18	1.14	360.0
	144	3.39	1.22	360.0	145	3.12	1.12	360.0	146	3.34	1.20	360.0
	147	3.19	1.15	360.0	148	2.50	0.90	360.0	149	3.08	1.11	360.0
	150	3.26	1.17	360.0	151	3.10	1.12	360.0	152	3.03	1.09	360.0
	153	2.99	1.08	360.0	154	3.10	1.12	360.0	155	2.96	1.06	360.0
	156	2.85	1.03	360.0	157	2.81	1.01	360.0	158	3.04	1.10	360.0
	159	2.87	1.03	360.0	160	2.72	0.98	360.0	161	2.65	0.96	360.0
	162	3.01	1.09	360.0	163	2.81	1.01	360.0	164	2.61	0.94	360.0
	165	2.52	0.91	360.0	166	2.92	1.05	360.0	167	2.85	1.03	360.0
	168	2.52	0.91	360.0	169	2.50	0.90	360.0	214	0.67	0.06	85.0
	215	0.68	0.06	85.0	218	0.26	0.04	158.9	219	0.22	0.03	158.9
	228	0.22	0.04	190.0	229	0.19	0.04	190.0	230	0.25	0.05	190.0
	231	0.19	0.04	190.0	232	0.38	0.07	190.0	233	0.31	0.06	190.0
	234	0.49	0.09	190.0	235	0.47	0.09	190.0	238	0.22	0.02	73.9
	239	0.139.56e-03		73.9	240	0.09	0.02	265.9	241	0.12	0.03	265.9
	250	0.10	0.03	284.9	251	0.14	0.04	284.9	252	1.00	0.32	319.7
	253	0.10	0.03	319.7	254	0.75	0.24	319.7	255	0.21	0.07	319.7
	273	0.57	0.05	94.9	274	0.50	0.05	94.9	276	0.048.85e-03		203.3
	277	6.50e-031.32e-03		203.3	280	0.19	0.04	231.3	281	0.10	0.02	231.3
72	1	2.20	0.59	270.0	2	2.45	0.66	270.0	3	2.20	0.59	270.0
	4	2.38	0.64	270.0	5	2.14	0.58	270.0	6	2.16	0.58	270.0
	7	2.26	0.61	270.0	8	2.48	0.67	270.0	9	1.94	0.52	270.0
	10	1.92	0.52	270.0	11	1.99	0.54	270.0	12	2.06	0.56	270.0
	13	1.84	0.50	270.0	14	2.17	0.58	270.0	15	3.47	0.94	270.0
	16	1.70	0.46	270.0	17	1.69	0.46	270.0	18	1.71	0.46	270.0
	19	2.66	0.72	270.0	20	2.06	0.55	270.0	21	1.57	0.42	270.0
	22	1.55	0.42	270.0	23	1.57	0.42	270.0	24	4.48	1.21	270.0
	25	1.71	0.46	270.0	26	1.83	0.49	270.0	27	1.94	0.52	270.0
	28	1.37	0.37	270.0	29	1.35	0.36	270.0	30	1.37	0.37	270.0
	31	3.29	0.89	270.0	32	1.52	0.41	270.0	33	1.60	0.43	270.0
	34	1.75	0.47	270.0	35	1.19	0.32	270.0	36	1.18	0.32	270.0
	37	1.21	0.33	270.0	38	1.30	0.35	270.0	39	1.37	0.37	270.0
	40	1.57	0.42	270.0	41	1.46	0.39	270.0	42	1.20	0.32	270.0
	43	1.08	0.29	270.0	44	1.11	0.30	270.0	45	1.25	0.34	270.0
	46	1.52	0.41	270.0	47	1.06	0.29	270.0	48	1.35	0.36	270.0
	49	0.99	0.27	270.0	50	1.02	0.27	270.0	51	1.14	0.31	270.0
	52	1.48	0.40	270.0	53	0.94	0.25	270.0	54	0.96	0.26	270.0
	55	1.21	0.33	270.0	56	1.33	0.36	270.0	134	3.87	1.39	360.0
	135	4.02	1.45	360.0	136	3.88	1.40	360.0	137	3.95	1.42	360.0
	138	3.78	1.36	360.0	139	3.82	1.38	360.0	140	3.84	1.38	360.0
	141	4.04	1.46	360.0	142	3.54	1.28	360.0	143	3.67	1.32	360.0
	144	3.41	1.23	360.0	145	3.76	1.35	360.0	146	3.24	1.17	360.0
	147	3.27	1.18	360.0	148	2.84	1.02	360.0	149	3.67	1.32	360.0
	150	2.70	0.97	360.0	151	2.73	0.98	360.0	152	2.92	1.05	360.0
	153	3.24	1.17	360.0	154	2.38	0.86	360.0	155	2.40	0.87	360.0
	156	2.59	0.93	360.0	157	2.90	1.04	360.0	158	2.15	0.77	360.0
	159	2.19	0.79	360.0	160	2.31	0.83	360.0	161	2.73	0.98	360.0
	162	1.95	0.70	360.0	163	2.00	0.72	360.0	164	2.03	0.73	360.0
	165	2.60	0.94	360.0	166	1.87	0.67	360.0	167	1.89	0.68	360.0
	168	2.12	0.76	360.0	169	2.33	0.84	360.0	214	0.52	0.04	85.0
	215	0.62	0.05	85.0	218	0.21	0.03	158.9	219	0.23	0.04	158.9
	228	0.26	0.05	190.0	229	0.22	0.04	190.0	230	0.26	0.05	190.0
	231	0.23	0.04	190.0	232	0.34	0.06	190.0	233	0.35	0.07	190.0
	234	0.40	0.08	190.0	235	0.45	0.09	190.0	238	0.18	0.01	73.9
	239	0.139.67e-03		73.9	240	0.08	0.02	265.9	241	0.13	0.03	265.9
	250	0.09	0.03	284.9	251	0.13	0.04	284.9	252	0.12	0.04	319.7
	253	0.94	0.30	319.7	254	0.62	0.20	319.7	255	0.87	0.28	319.7
	273	0.50	0.05	94.9	274	0.46	0.04	94.9	276	0.048.93e-03		203.3
	277	0.023.83e-03		203.3	280	0.19	0.04	231.3	281	0.09	0.02	231.3
73	1	1.93	0.52	270.0	2	2.15	0.58	270.0	3	1.94	0.52	270.0
	4	2.10	0.57	270.0	5	1.89	0.51	270.0	6	1.92	0.52	270.0
	7	2.03	0.55	270.0	8	2.18	0.59	270.0	9	1.81	0.49	270.0
	10	1.79	0.48	270.0	11	1.86	0.50	270.0	12	1.92	0.52	270.0
	13	1.74	0.47	270.0	14	2.01	0.54	270.0	15	3.44	0.93	270.0
	16	1.66	0.45	270.0	17	1.66	0.45	270.0	18	1.69	0.46	270.0
	19	2.33	0.63	270.0	20	1.96	0.53	270.0	21	1.55	0.42	270.0
	22	1.56	0.42	270.0	23	1.58	0.43	270.0	24	4.49	1.21	270.0
	25	1.72	0.46	270.0	26	1.79	0.48	270.0	27	1.86	0.50	270.0
	28	1.52	0.41	270.0	29	1.52	0.41	270.0	30	1.55	0.42	270.0
	31	3.36	0.91	270.0	32	1.67	0.45	270.0	33	1.71	0.46	270.0
	34	1.80	0.49	270.0	35	1.46	0.39	270.0	36	1.47	0.40	270.0
	37	1.49	0.40	270.0	38	1.52	0.41	270.0	39	1.60	0.43	270.0

	40	1.71	0.46	270.0	41	1.64	0.44	270.0	42	1.52	0.41	270.0
	43	1.42	0.38	270.0	44	1.46	0.39	270.0	45	1.56	0.42	270.0
	46	1.70	0.46	270.0	47	1.43	0.38	270.0	48	1.61	0.44	270.0
	49	1.40	0.38	270.0	50	1.44	0.39	270.0	51	1.56	0.42	270.0
	52	1.71	0.46	270.0	53	1.40	0.38	270.0	54	1.41	0.38	270.0
	55	1.60	0.43	270.0	56	1.64	0.44	270.0	134	3.34	1.20	360.0
	135	3.65	1.31	360.0	136	3.35	1.21	360.0	137	3.59	1.29	360.0
	138	3.30	1.19	360.0	139	3.34	1.20	360.0	140	3.50	1.26	360.0
	141	3.68	1.33	360.0	142	3.29	1.18	360.0	143	3.43	1.23	360.0
	144	3.23	1.16	360.0	145	3.53	1.27	360.0	146	3.17	1.14	360.0
	147	3.22	1.16	360.0	148	2.94	1.06	360.0	149	3.48	1.25	360.0
	150	2.99	1.08	360.0	151	3.04	1.10	360.0	152	3.14	1.13	360.0
	153	3.33	1.20	360.0	154	2.80	1.01	360.0	155	2.86	1.03	360.0
	156	2.98	1.07	360.0	157	3.15	1.14	360.0	158	2.66	0.96	360.0
	159	2.74	0.99	360.0	160	2.87	1.03	360.0	161	3.08	1.11	360.0
	162	2.53	0.91	360.0	163	2.64	0.95	360.0	164	2.77	1.00	360.0
	165	3.03	1.09	360.0	166	2.52	0.91	360.0	167	2.56	0.92	360.0
	168	2.82	1.02	360.0	169	2.91	1.05	360.0	214	0.67	0.06	85.0
	215	0.69	0.06	85.0	218	0.21	0.03	158.9	219	0.26	0.04	158.9
	228	0.16	0.03	190.0	229	0.22	0.04	190.0	230	0.21	0.04	190.0
	231	0.20	0.04	190.0	232	0.32	0.06	190.0	233	0.36	0.07	190.0
	234	0.46	0.09	190.0	235	0.49	0.09	190.0	238	0.14	0.01	73.9
	239	0.20	0.01	73.9	240	0.12	0.03	265.9	241	0.06	0.02	265.9
	250	0.13	0.04	284.9	251	0.11	0.03	284.9	252	0.09	0.03	319.7
	253	0.95	0.30	319.7	254	0.25	0.08	319.7	255	0.75	0.24	319.7
	273	0.49	0.05	94.9	274	0.56	0.05	94.9	276	0.023.25e-03		203.3
	277	0.048.04e-03		203.3	280	0.10	0.02	231.3	281	0.19	0.04	231.3
74	1	2.41	0.65	270.0	2	2.28	0.62	270.0	3	2.34	0.63	270.0
	4	2.28	0.62	270.0	5	2.43	0.66	270.0	6	2.24	0.61	270.0
	7	2.23	0.60	270.0	8	2.23	0.60	270.0	9	2.06	0.56	270.0
	10	2.12	0.57	270.0	11	2.01	0.54	270.0	12	2.00	0.54	270.0
	13	2.13	0.57	270.0	14	1.94	0.52	270.0	15	3.48	0.94	270.0
	16	2.02	0.54	270.0	17	1.90	0.51	270.0	18	1.84	0.50	270.0
	19	2.34	0.63	270.0	20	1.80	0.49	270.0	21	1.90	0.51	270.0
	22	1.75	0.47	270.0	23	1.68	0.45	270.0	24	4.46	1.20	270.0
	25	1.64	0.44	270.0	26	1.62	0.44	270.0	27	1.64	0.44	270.0
	28	1.76	0.47	270.0	29	1.62	0.44	270.0	30	1.56	0.42	270.0
	31	3.29	0.89	270.0	32	1.48	0.40	270.0	33	1.46	0.39	270.0
	34	1.48	0.40	270.0	35	1.59	0.43	270.0	36	1.46	0.39	270.0
	37	1.42	0.38	270.0	38	1.33	0.36	270.0	39	1.29	0.35	270.0
	40	1.28	0.35	270.0	41	1.27	0.34	270.0	42	1.25	0.34	270.0
	43	1.52	0.41	270.0	44	1.29	0.35	270.0	45	1.18	0.32	270.0
	46	1.18	0.32	270.0	47	1.37	0.37	270.0	48	1.15	0.31	270.0
	49	1.48	0.40	270.0	50	1.17	0.32	270.0	51	1.11	0.30	270.0
	52	1.09	0.30	270.0	53	1.33	0.36	270.0	54	1.23	0.33	270.0
	55	1.06	0.29	270.0	56	1.05	0.28	270.0	134	4.02	1.45	360.0
	135	3.87	1.39	360.0	136	3.96	1.43	360.0	137	3.88	1.40	360.0
	138	4.04	1.45	360.0	139	3.85	1.39	360.0	140	3.82	1.37	360.0
	141	3.80	1.37	360.0	142	3.68	1.32	360.0	143	3.57	1.28	360.0
	144	3.76	1.35	360.0	145	3.44	1.24	360.0	146	3.64	1.31	360.0
	147	3.43	1.23	360.0	148	2.86	1.03	360.0	149	3.25	1.17	360.0
	150	3.26	1.17	360.0	151	2.98	1.07	360.0	152	2.81	1.01	360.0
	153	2.80	1.01	360.0	154	2.91	1.05	360.0	155	2.64	0.95	360.0
	156	2.48	0.89	360.0	157	2.47	0.89	360.0	158	2.74	0.99	360.0
	159	2.38	0.86	360.0	160	2.25	0.81	360.0	161	2.24	0.81	360.0
	162	2.61	0.94	360.0	163	2.13	0.77	360.0	164	2.04	0.74	360.0
	165	2.03	0.73	360.0	166	2.37	0.85	360.0	167	2.20	0.79	360.0
	168	1.94	0.70	360.0	169	1.94	0.70	360.0	214	0.62	0.05	85.0
	215	0.54	0.05	85.0	218	0.23	0.04	158.9	219	0.22	0.03	158.9
	228	0.18	0.03	190.0	229	0.28	0.05	190.0	230	0.27	0.05	190.0
	231	0.19	0.04	190.0	232	0.36	0.07	190.0	233	0.31	0.06	190.0
	234	0.46	0.09	190.0	235	0.41	0.08	190.0	238	0.15	0.01	73.9
	239	0.17	0.01	73.9	240	0.13	0.03	265.9	241	0.05	0.01	265.9
	250	0.13	0.04	284.9	251	0.10	0.03	284.9	252	0.94	0.30	319.7
	253	0.19	0.06	319.7	254	0.86	0.27	319.7	255	0.46	0.15	319.7
	273	0.47	0.04	94.9	274	0.50	0.05	94.9	276	0.035.49e-03		203.3
	277	0.048.26e-03		203.3	280	0.09	0.02	231.3	281	0.19	0.04	231.3
75	1	2.36	0.64	270.0	2	2.21	0.60	270.0	3	2.29	0.62	270.0
	4	2.21	0.60	270.0	5	2.38	0.64	270.0	6	2.19	0.59	270.0
	7	2.16	0.58	270.0	8	2.16	0.58	270.0	9	2.01	0.54	270.0
	10	2.06	0.56	270.0	11	1.94	0.53	270.0	12	1.93	0.52	270.0
	13	2.08	0.56	270.0	14	1.85	0.50	270.0	15	3.44	0.93	270.0
	16	1.98	0.53	270.0	17	1.85	0.50	270.0	18	1.79	0.48	270.0
	19	2.55	0.69	270.0	20	1.70	0.46	270.0	21	1.87	0.50	270.0
	22	1.71	0.46	270.0	23	1.65	0.44	270.0	24	4.44	1.20	270.0
	25	1.54	0.42	270.0	26	1.53	0.41	270.0	27	1.54	0.42	270.0

	28	1.72	0.47	270.0	29	1.58	0.43	270.0	30	1.52	0.41	270.0
	31	3.28	0.89	270.0	32	1.40	0.38	270.0	33	1.37	0.37	270.0
	34	1.39	0.38	270.0	35	1.55	0.42	270.0	36	1.42	0.38	270.0
	37	1.37	0.37	270.0	38	1.30	0.35	270.0	39	1.22	0.33	270.0
	40	1.21	0.33	270.0	41	1.20	0.32	270.0	42	1.20	0.32	270.0
	43	1.49	0.40	270.0	44	1.26	0.34	270.0	45	1.12	0.30	270.0
	46	1.11	0.30	270.0	47	1.35	0.36	270.0	48	1.08	0.29	270.0
	49	1.46	0.39	270.0	50	1.17	0.32	270.0	51	1.04	0.28	270.0
	52	1.02	0.28	270.0	53	1.32	0.36	270.0	54	1.22	0.33	270.0
	55	0.98	0.27	270.0	56	0.98	0.26	270.0	134	4.07	1.47	360.0
	135	3.70	1.33	360.0	136	4.00	1.44	360.0	137	3.71	1.33	360.0
	138	4.09	1.47	360.0	139	3.85	1.39	360.0	140	3.66	1.32	360.0
	141	3.64	1.31	360.0	142	3.63	1.31	360.0	143	3.47	1.25	360.0
	144	3.73	1.34	360.0	145	3.36	1.21	360.0	146	3.60	1.30	360.0
	147	3.36	1.21	360.0	148	2.60	0.94	360.0	149	3.22	1.16	360.0
	150	3.22	1.16	360.0	151	2.94	1.06	360.0	152	2.80	1.01	360.0
	153	2.78	1.00	360.0	154	2.91	1.05	360.0	155	2.65	0.95	360.0
	156	2.47	0.89	360.0	157	2.43	0.88	360.0	158	2.77	1.00	360.0
	159	2.44	0.88	360.0	160	2.21	0.80	360.0	161	2.16	0.78	360.0
	162	2.67	0.96	360.0	163	2.25	0.81	360.0	164	1.99	0.72	360.0
	165	1.92	0.69	360.0	166	2.46	0.89	360.0	167	2.32	0.83	360.0
	168	1.84	0.66	360.0	169	1.81	0.65	360.0	214	0.56	0.05	85.0
	215	0.56	0.05	85.0	218	0.23	0.04	158.9	219	0.19	0.03	158.9
	228	0.24	0.05	190.0	229	0.22	0.04	190.0	230	0.26	0.05	190.0
	231	0.19	0.04	190.0	232	0.35	0.07	190.0	233	0.28	0.05	190.0
	234	0.43	0.08	190.0	235	0.40	0.08	190.0	238	0.19	0.01	73.9
	239	0.118.09e-03		73.9	240	0.10	0.03	265.9	241	0.13	0.03	265.9
	250	0.09	0.02	284.9	251	0.12	0.03	284.9	252	1.02	0.33	319.7
	253	0.12	0.04	319.7	254	0.89	0.28	319.7	255	0.33	0.11	319.7
	273	0.50	0.05	94.9	274	0.43	0.04	94.9	276	0.047.38e-03		203.3
	277	0.012.74e-03		203.3	280	0.18	0.04	231.3	281	0.09	0.02	231.3
76	1	1.87	0.51	270.0	2	2.09	0.56	270.0	3	1.88	0.51	270.0
	4	2.03	0.55	270.0	5	1.84	0.50	270.0	6	1.87	0.50	270.0
	7	1.96	0.53	270.0	8	2.12	0.57	270.0	9	1.75	0.47	270.0
	10	1.73	0.47	270.0	11	1.79	0.48	270.0	12	1.85	0.50	270.0
	13	1.68	0.45	270.0	14	1.93	0.52	270.0	15	3.40	0.92	270.0
	16	1.61	0.43	270.0	17	1.61	0.44	270.0	18	1.63	0.44	270.0
	19	2.53	0.68	270.0	20	1.87	0.51	270.0	21	1.51	0.41	270.0
	22	1.51	0.41	270.0	23	1.53	0.41	270.0	24	4.48	1.21	270.0
	25	1.63	0.44	270.0	26	1.71	0.46	270.0	27	1.78	0.48	270.0
	28	1.47	0.40	270.0	29	1.48	0.40	270.0	30	1.50	0.40	270.0
	31	3.35	0.90	270.0	32	1.60	0.43	270.0	33	1.64	0.44	270.0
	34	1.73	0.47	270.0	35	1.41	0.38	270.0	36	1.42	0.38	270.0
	37	1.44	0.39	270.0	38	1.48	0.40	270.0	39	1.53	0.41	270.0
	40	1.64	0.44	270.0	41	1.58	0.43	270.0	42	1.46	0.39	270.0
	43	1.38	0.37	270.0	44	1.42	0.38	270.0	45	1.50	0.40	270.0
	46	1.64	0.44	270.0	47	1.39	0.37	270.0	48	1.55	0.42	270.0
	49	1.37	0.37	270.0	50	1.41	0.38	270.0	51	1.48	0.40	270.0
	52	1.64	0.44	270.0	53	1.37	0.37	270.0	54	1.39	0.37	270.0
	55	1.53	0.41	270.0	56	1.58	0.43	270.0	134	3.39	1.22	360.0
	135	3.47	1.25	360.0	136	3.41	1.23	360.0	137	3.43	1.24	360.0
	138	3.33	1.20	360.0	139	3.39	1.22	360.0	140	3.39	1.22	360.0
	141	3.50	1.26	360.0	142	3.26	1.18	360.0	143	3.35	1.21	360.0
	144	3.18	1.14	360.0	145	3.43	1.23	360.0	146	3.10	1.12	360.0
	147	3.15	1.13	360.0	148	2.69	0.97	360.0	149	3.41	1.23	360.0
	150	2.91	1.05	360.0	151	2.96	1.07	360.0	152	3.09	1.11	360.0
	153	3.28	1.18	360.0	154	2.76	0.99	360.0	155	2.80	1.01	360.0
	156	2.91	1.05	360.0	157	3.09	1.11	360.0	158	2.66	0.96	360.0
	159	2.71	0.98	360.0	160	2.75	0.99	360.0	161	2.99	1.07	360.0
	162	2.57	0.93	360.0	163	2.64	0.95	360.0	164	2.60	0.93	360.0
	165	2.91	1.05	360.0	166	2.57	0.93	360.0	167	2.60	0.94	360.0
	168	2.65	0.95	360.0	169	2.76	0.99	360.0	214	0.64	0.05	85.0
	215	0.73	0.06	85.0	218	0.25	0.04	158.9	219	0.26	0.04	158.9
	228	0.23	0.04	190.0	229	0.19	0.04	190.0	230	0.26	0.05	190.0
	231	0.22	0.04	190.0	232	0.38	0.07	190.0	233	0.37	0.07	190.0
	234	0.47	0.09	190.0	235	0.52	0.10	190.0	238	0.21	0.02	73.9
	239	0.15	0.01	73.9	240	0.07	0.02	265.9	241	0.12	0.03	265.9
	250	0.11	0.03	284.9	251	0.15	0.04	284.9	252	0.21	0.07	319.7
	253	0.84	0.27	319.7	254	0.35	0.11	319.7	255	0.73	0.23	319.7
	273	0.57	0.05	94.9	274	0.53	0.05	94.9	276	0.05	0.01	203.3
	277	0.012.78e-03		203.3	280	0.19	0.04	231.3	281	0.11	0.02	231.3
77	1	1.85	0.50	270.0	2	1.91	0.52	270.0	3	1.85	0.50	270.0
	4	1.90	0.51	270.0	5	1.83	0.49	270.0	6	1.84	0.50	270.0
	7	1.87	0.51	270.0	8	1.89	0.51	270.0	9	1.78	0.48	270.0
	10	1.77	0.48	270.0	11	1.79	0.48	270.0	12	1.80	0.49	270.0
	13	1.75	0.47	270.0	14	1.82	0.49	270.0	15	2.99	0.81	270.0

	16	1.71	0.46	270.0	17	1.70	0.46	270.0	18	1.72	0.46	270.0
	19	2.28	0.61	270.0	20	1.79	0.48	270.0	21	1.69	0.46	270.0
	22	1.68	0.45	270.0	23	1.68	0.45	270.0	24	4.48	1.21	270.0
	25	1.74	0.47	270.0	26	1.74	0.47	270.0	27	1.76	0.48	270.0
	28	1.59	0.43	270.0	29	1.59	0.43	270.0	30	1.60	0.43	270.0
	31	3.67	0.99	270.0	32	1.63	0.44	270.0	33	1.63	0.44	270.0
	34	1.66	0.45	270.0	35	1.57	0.42	270.0	36	1.56	0.42	270.0
	37	1.57	0.43	270.0	38	1.64	0.44	270.0	39	1.60	0.43	270.0
	40	1.60	0.43	270.0	41	1.58	0.43	270.0	42	1.56	0.42	270.0
	43	1.55	0.42	270.0	44	1.55	0.42	270.0	45	1.59	0.43	270.0
	46	1.59	0.43	270.0	47	1.54	0.42	270.0	48	1.57	0.42	270.0
	49	1.53	0.41	270.0	50	1.53	0.41	270.0	51	1.60	0.43	270.0
	52	1.59	0.43	270.0	53	1.52	0.41	270.0	54	1.52	0.41	270.0
	55	1.60	0.43	270.0	56	1.58	0.43	270.0	134	3.27	1.18	360.0
	135	3.37	1.21	360.0	136	3.26	1.17	360.0	137	3.35	1.21	360.0
	138	3.27	1.18	360.0	139	3.25	1.17	360.0	140	3.36	1.21	360.0
	141	3.37	1.21	360.0	142	3.27	1.18	360.0	143	3.34	1.20	360.0
	144	3.29	1.19	360.0	145	3.33	1.20	360.0	146	3.30	1.19	360.0
	147	3.30	1.19	360.0	148	2.90	1.04	360.0	149	3.31	1.19	360.0
	150	3.11	1.12	360.0	151	3.13	1.13	360.0	152	3.10	1.12	360.0
	153	3.13	1.13	360.0	154	2.97	1.07	360.0	155	3.00	1.08	360.0
	156	2.97	1.07	360.0	157	3.01	1.09	360.0	158	2.84	1.02	360.0
	159	2.89	1.04	360.0	160	2.88	1.04	360.0	161	2.98	1.07	360.0
	162	2.72	0.98	360.0	163	2.79	1.00	360.0	164	2.79	1.00	360.0
	165	2.90	1.04	360.0	166	2.71	0.97	360.0	167	2.73	0.98	360.0
	168	2.78	1.00	360.0	169	2.86	1.03	360.0	214	0.67	0.06	85.0
	215	0.67	0.06	85.0	218	0.19	0.03	158.9	219	0.25	0.04	158.9
	228	0.29	0.05	190.0	229	0.25	0.05	190.0	230	0.25	0.05	190.0
	231	0.22	0.04	190.0	232	0.32	0.06	190.0	233	0.35	0.07	190.0
	234	0.44	0.08	190.0	235	0.47	0.09	190.0	238	0.18	0.01	73.9
	239	0.23	0.02	73.9	240	0.12	0.03	265.9	241	0.05	0.01	265.9
	250	0.12	0.04	284.9	251	0.10	0.03	284.9	252	0.44	0.14	319.7
	253	0.56	0.18	319.7	254	0.72	0.23	319.7	255	0.46	0.15	319.7
	273	0.49	0.05	94.9	274	0.87	0.08	94.9	276	9.33e-03	1.90e-03	203.3
	277	0.03642e-03	203.3	280	0.10	0.02	231.3	281	0.38	0.09	231.3	
78	1	1.48	0.40	270.0	2	1.59	0.43	270.0	3	1.48	0.40	270.0
	4	1.57	0.42	270.0	5	1.49	0.40	270.0	6	1.50	0.40	270.0
	7	1.57	0.42	270.0	8	1.63	0.44	270.0	9	1.54	0.42	270.0
	10	1.53	0.41	270.0	11	1.55	0.42	270.0	12	1.60	0.43	270.0
	13	1.54	0.42	270.0	14	1.68	0.45	270.0	15	2.90	0.78	270.0
	16	1.57	0.42	270.0	17	1.57	0.42	270.0	18	1.58	0.43	270.0
	19	2.15	0.58	270.0	20	1.72	0.46	270.0	21	1.57	0.42	270.0
	22	1.57	0.42	270.0	23	1.57	0.42	270.0	24	4.44	1.20	270.0
	25	1.67	0.45	270.0	26	1.68	0.45	270.0	27	1.71	0.46	270.0
	28	1.69	0.46	270.0	29	1.69	0.46	270.0	30	1.71	0.46	270.0
	31	3.72	1.01	270.0	32	1.78	0.48	270.0	33	1.78	0.48	270.0
	34	1.81	0.49	270.0	35	1.77	0.48	270.0	36	1.77	0.48	270.0
	37	1.79	0.48	270.0	38	1.83	0.49	270.0	39	1.81	0.49	270.0
	40	1.86	0.50	270.0	41	1.84	0.50	270.0	42	1.83	0.49	270.0
	43	1.84	0.50	270.0	44	1.85	0.50	270.0	45	1.89	0.51	270.0
	46	1.95	0.53	270.0	47	1.85	0.50	270.0	48	1.93	0.52	270.0
	49	1.91	0.52	270.0	50	1.92	0.52	270.0	51	1.99	0.54	270.0
	52	2.04	0.55	270.0	53	1.93	0.52	270.0	54	1.94	0.52	270.0
	55	2.03	0.55	270.0	56	2.05	0.55	270.0	134	2.67	0.96	360.0
	135	2.89	1.04	360.0	136	2.69	0.97	360.0	137	2.88	1.04	360.0
	138	2.70	0.97	360.0	139	2.76	0.99	360.0	140	2.85	1.03	360.0
	141	2.92	1.05	360.0	142	2.92	1.05	360.0	143	2.97	1.07	360.0
	144	2.96	1.06	360.0	145	3.08	1.11	360.0	146	3.06	1.10	360.0
	147	3.09	1.11	360.0	148	2.77	1.00	360.0	149	3.14	1.13	360.0
	150	3.32	1.20	360.0	151	3.33	1.20	360.0	152	3.36	1.21	360.0
	153	3.39	1.22	360.0	154	3.35	1.21	360.0	155	3.35	1.21	360.0
	156	3.41	1.23	360.0	157	3.43	1.23	360.0	158	3.37	1.21	360.0
	159	3.36	1.21	360.0	160	3.44	1.24	360.0	161	3.42	1.23	360.0
	162	3.40	1.22	360.0	163	3.39	1.22	360.0	164	3.46	1.25	360.0
	165	3.45	1.24	360.0	166	3.41	1.23	360.0	167	3.41	1.23	360.0
	168	3.49	1.26	360.0	169	3.46	1.25	360.0	214	0.84	0.07	85.0
	215	0.81	0.07	85.0	218	0.26	0.04	158.9	219	0.29	0.05	158.9
	228	0.40	0.08	190.0	229	0.22	0.04	190.0	230	0.24	0.05	190.0
	231	0.22	0.04	190.0	232	0.39	0.07	190.0	233	0.40	0.08	190.0
	234	0.56	0.11	190.0	235	0.56	0.11	190.0	238	0.23	0.02	73.9
	239	0.24	0.02	73.9	240	0.11	0.03	265.9	241	0.02656e-03		265.9
	250	0.15	0.04	284.9	251	0.14	0.04	284.9	252	0.52	0.17	319.7
	253	0.51	0.16	319.7	254	0.31	0.10	319.7	255	0.65	0.21	319.7
	273	0.59	0.06	94.9	274	1.00	0.10	94.9	276	0.02334e-03		203.3
	277	0.04914e-03	203.3	280	0.12	0.03	231.3	281	0.39	0.09	231.3	
79	1	1.42	0.38	270.0	2	1.52	0.41	270.0	3	1.43	0.39	270.0

80	4	1.50	0.41	270.0	5	1.43	0.39	270.0	6	1.45	0.39	270.0
	7	1.50	0.41	270.0	8	1.55	0.42	270.0	9	1.48	0.40	270.0
	10	1.47	0.40	270.0	11	1.49	0.40	270.0	12	1.54	0.42	270.0
	13	1.49	0.40	270.0	14	1.60	0.43	270.0	15	2.86	0.77	270.0
	16	1.52	0.41	270.0	17	1.52	0.41	270.0	18	1.53	0.41	270.0
	19	2.35	0.64	270.0	20	1.62	0.44	270.0	21	1.53	0.41	270.0
	22	1.52	0.41	270.0	23	1.53	0.41	270.0	24	4.43	1.20	270.0
	25	1.58	0.43	270.0	26	1.60	0.43	270.0	27	1.62	0.44	270.0
	28	1.65	0.45	270.0	29	1.64	0.44	270.0	30	1.66	0.45	270.0
	31	3.71	1.00	270.0	32	1.70	0.46	270.0	33	1.71	0.46	270.0
	34	1.73	0.47	270.0	35	1.72	0.46	270.0	36	1.72	0.46	270.0
	37	1.74	0.47	270.0	38	1.79	0.48	270.0	39	1.75	0.47	270.0
	40	1.80	0.48	270.0	41	1.77	0.48	270.0	42	1.77	0.48	270.0
	43	1.80	0.49	270.0	44	1.82	0.49	270.0	45	1.83	0.49	270.0
	46	1.89	0.51	270.0	47	1.82	0.49	270.0	48	1.87	0.50	270.0
	49	1.88	0.51	270.0	50	1.90	0.51	270.0	51	1.92	0.52	270.0
	52	1.98	0.53	270.0	53	1.91	0.52	270.0	54	1.92	0.52	270.0
	55	1.96	0.53	270.0	56	1.99	0.54	270.0	134	2.72	0.98	360.0
	135	2.74	0.99	360.0	136	2.73	0.98	360.0	137	2.71	0.98	360.0
	138	2.74	0.98	360.0	139	2.76	0.99	360.0	140	2.69	0.97	360.0
	141	2.81	1.01	360.0	142	2.87	1.03	360.0	143	2.87	1.03	360.0
	144	2.92	1.05	360.0	145	3.03	1.09	360.0	146	3.00	1.08	360.0
	147	3.02	1.09	360.0	148	2.53	0.91	360.0	149	3.15	1.13	360.0
	150	3.26	1.17	360.0	151	3.28	1.18	360.0	152	3.37	1.21	360.0
	153	3.40	1.22	360.0	154	3.32	1.20	360.0	155	3.33	1.20	360.0
	156	3.41	1.23	360.0	157	3.42	1.23	360.0	158	3.38	1.22	360.0
	159	3.40	1.22	360.0	160	3.41	1.23	360.0	161	3.37	1.21	360.0
	162	3.44	1.24	360.0	163	3.47	1.25	360.0	164	3.41	1.23	360.0
	165	3.36	1.21	360.0	166	3.48	1.25	360.0	167	3.49	1.26	360.0
	168	3.41	1.23	360.0	169	3.37	1.21	360.0	214	0.79	0.07	85.0
	215	0.81	0.07	85.0	218	0.28	0.05	158.9	219	0.23	0.04	158.9
	228	0.42	0.08	190.0	229	0.17	0.03	190.0	230	0.25	0.05	190.0
	231	0.21	0.04	190.0	232	0.41	0.08	190.0	233	0.35	0.07	190.0
	234	0.55	0.10	190.0	235	0.52	0.10	190.0	238	0.28	0.02	73.9
	239	0.19	0.01	73.9	240	0.07	0.02	265.9	241	0.12	0.03	265.9
	250	0.12	0.03	284.9	251	0.15	0.04	284.9	252	0.66	0.21	319.7
	253	0.53	0.17	319.7	254	0.26	0.08	319.7	255	0.63	0.20	319.7
	273	0.64	0.06	94.9	274	0.81	0.08	94.9	276	0.07	0.01	203.3
	277	0.024	2.7e-03	203.3	280	0.19	0.04	231.3	281	0.22	0.05	231.3
	1	1.80	0.48	270.0	2	1.84	0.50	270.0	3	1.80	0.49	270.0
	4	1.83	0.49	270.0	5	1.78	0.48	270.0	6	1.79	0.48	270.0
	7	1.80	0.49	270.0	8	1.83	0.49	270.0	9	1.72	0.46	270.0
	10	1.71	0.46	270.0	11	1.73	0.47	270.0	12	1.73	0.47	270.0
	13	1.69	0.46	270.0	14	1.73	0.47	270.0	15	2.95	0.80	270.0
	16	1.66	0.45	270.0	17	1.65	0.45	270.0	18	1.66	0.45	270.0
	19	2.48	0.67	270.0	20	1.69	0.46	270.0	21	1.64	0.44	270.0
	22	1.63	0.44	270.0	23	1.63	0.44	270.0	24	4.46	1.21	270.0
	25	1.65	0.45	270.0	26	1.66	0.45	270.0	27	1.67	0.45	270.0
	28	1.55	0.42	270.0	29	1.54	0.42	270.0	30	1.55	0.42	270.0
	31	3.66	0.99	270.0	32	1.55	0.42	270.0	33	1.55	0.42	270.0
34	1.57	0.42	270.0	35	1.52	0.41	270.0	36	1.50	0.41	270.0	
37	1.52	0.41	270.0	38	1.60	0.43	270.0	39	1.53	0.41	270.0	
40	1.53	0.41	270.0	41	1.52	0.41	270.0	42	1.50	0.40	270.0	
43	1.51	0.41	270.0	44	1.51	0.41	270.0	45	1.52	0.41	270.0	
46	1.52	0.41	270.0	47	1.50	0.41	270.0	48	1.51	0.41	270.0	
49	1.51	0.41	270.0	50	1.50	0.41	270.0	51	1.52	0.41	270.0	
52	1.51	0.41	270.0	53	1.50	0.40	270.0	54	1.49	0.40	270.0	
55	1.52	0.41	270.0	56	1.51	0.41	270.0	134	3.32	1.19	360.0	
135	3.19	1.15	360.0	136	3.32	1.20	360.0	137	3.19	1.15	360.0	
138	3.28	1.18	360.0	139	3.30	1.19	360.0	140	3.24	1.17	360.0	
141	3.19	1.15	360.0	142	3.25	1.17	360.0	143	3.26	1.17	360.0	
144	3.23	1.16	360.0	145	3.23	1.16	360.0	146	3.22	1.16	360.0	
147	3.24	1.17	360.0	148	2.64	0.95	360.0	149	3.26	1.17	360.0	
150	3.04	1.09	360.0	151	3.05	1.10	360.0	152	3.06	1.10	360.0	
153	3.10	1.11	360.0	154	2.93	1.05	360.0	155	2.94	1.06	360.0	
156	2.91	1.05	360.0	157	2.96	1.07	360.0	158	2.84	1.02	360.0	
159	2.85	1.03	360.0	160	2.77	1.00	360.0	161	2.89	1.04	360.0	
162	2.76	0.99	360.0	163	2.78	1.00	360.0	164	2.63	0.95	360.0	
165	2.78	1.00	360.0	166	2.75	0.99	360.0	167	2.76	0.99	360.0	
168	2.62	0.94	360.0	169	2.71	0.97	360.0	214	0.64	0.05	85.0	
215	0.70	0.06	85.0	218	0.24	0.04	158.9	219	0.23	0.04	158.9	
228	0.32	0.06	190.0	229	0.23	0.04	190.0	230	0.30	0.06	190.0	
231	0.23	0.04	190.0	232	0.39	0.07	190.0	233	0.34	0.07	190.0	
234	0.47	0.09	190.0	235	0.48	0.09	190.0	238	0.24	0.02	73.9	
239	0.19	0.01	73.9	240	0.07	0.02	265.9	241	0.12	0.03	265.9	
250	0.11	0.03	284.9	251	0.14	0.04	284.9	252	0.36	0.12	319.7	

81	253	0.46	0.15	319.7	254	0.80	0.26	319.7	255	0.40	0.13	319.7
	273	0.58	0.05	94.9	274	0.69	0.07	94.9	276	0.07	0.01	203.3
	277	0.03537e-03		203.3	280	0.19	0.04	231.3	281	0.21	0.05	231.3
	1	1.59	0.43	270.0	2	1.54	0.42	270.0	3	1.57	0.42	270.0
	4	1.55	0.42	270.0	5	1.61	0.44	270.0	6	1.57	0.42	270.0
	7	1.57	0.42	270.0	8	1.55	0.42	270.0	9	1.61	0.43	270.0
	10	1.62	0.44	270.0	11	1.60	0.43	270.0	12	1.59	0.43	270.0
	13	1.65	0.45	270.0	14	1.61	0.44	270.0	15	2.92	0.79	270.0
	16	1.68	0.45	270.0	17	1.66	0.45	270.0	18	1.65	0.45	270.0
	19	2.15	0.58	270.0	20	1.65	0.45	270.0	21	1.70	0.46	270.0
	22	1.67	0.45	270.0	23	1.65	0.45	270.0	24	4.48	1.21	270.0
	25	1.67	0.45	270.0	26	1.65	0.45	270.0	27	1.66	0.45	270.0
	28	1.76	0.48	270.0	29	1.73	0.47	270.0	30	1.73	0.47	270.0
	31	3.73	1.01	270.0	32	1.72	0.47	270.0	33	1.71	0.46	270.0
	34	1.72	0.46	270.0	35	1.83	0.49	270.0	36	1.80	0.49	270.0
	37	1.81	0.49	270.0	38	1.82	0.49	270.0	39	1.79	0.48	270.0
	40	1.77	0.48	270.0	41	1.76	0.48	270.0	42	1.82	0.49	270.0
	43	1.90	0.51	270.0	44	1.86	0.50	270.0	45	1.87	0.50	270.0
	46	1.84	0.50	270.0	47	1.88	0.51	270.0	48	1.86	0.50	270.0
	49	1.96	0.53	270.0	50	1.92	0.52	270.0	51	1.97	0.53	270.0
	52	1.93	0.52	270.0	53	1.97	0.53	270.0	54	1.95	0.53	270.0
	55	1.99	0.54	270.0	56	1.96	0.53	270.0	134	2.87	1.03	360.0
	135	2.83	1.02	360.0	136	2.83	1.02	360.0	137	2.84	1.02	360.0
	138	2.94	1.06	360.0	139	2.84	1.02	360.0	140	2.90	1.04	360.0
	141	2.85	1.03	360.0	142	3.01	1.09	360.0	143	3.02	1.09	360.0
	144	3.14	1.13	360.0	145	3.03	1.09	360.0	146	3.25	1.17	360.0
	147	3.20	1.15	360.0	148	2.75	0.99	360.0	149	3.11	1.12	360.0
	150	3.40	1.23	360.0	151	3.38	1.22	360.0	152	3.29	1.18	360.0
	153	3.27	1.18	360.0	154	3.41	1.23	360.0	155	3.40	1.22	360.0
	156	3.32	1.19	360.0	157	3.32	1.19	360.0	158	3.41	1.23	360.0
	159	3.41	1.23	360.0	160	3.35	1.21	360.0	161	3.37	1.21	360.0
	162	3.42	1.23	360.0	163	3.43	1.23	360.0	164	3.39	1.22	360.0
	165	3.41	1.23	360.0	166	3.43	1.24	360.0	167	3.43	1.24	360.0
	168	3.40	1.22	360.0	169	3.43	1.24	360.0	214	0.79	0.07	85.0
	215	0.80	0.07	85.0	218	0.23	0.04	158.9	219	0.29	0.05	158.9
	228	0.28	0.05	190.0	229	0.23	0.04	190.0	230	0.25	0.05	190.0
	231	0.21	0.04	190.0	232	0.35	0.07	190.0	233	0.38	0.07	190.0
	234	0.51	0.10	190.0	235	0.54	0.10	190.0	238	0.21	0.02	73.9
	239	0.25	0.02	73.9	240	0.11	0.03	265.9	241	0.04	0.01	265.9
	250	0.14	0.04	284.9	251	0.12	0.04	284.9	252	0.54	0.17	319.7
	253	0.54	0.17	319.7	254	0.67	0.21	319.7	255	0.28	0.09	319.7
	273	0.56	0.05	94.9	274	0.92	0.09	94.9	276	0.02424e-03		203.3
	277	0.04822e-03		203.3	280	0.11	0.03	231.3	281	0.38	0.09	231.3
82	1	1.84	0.50	270.0	2	1.86	0.50	270.0	3	1.83	0.49	270.0
	4	1.86	0.50	270.0	5	1.83	0.49	270.0	6	1.81	0.49	270.0
	7	1.85	0.50	270.0	8	1.85	0.50	270.0	9	1.75	0.47	270.0
	10	1.75	0.47	270.0	11	1.75	0.47	270.0	12	1.78	0.48	270.0
	13	1.74	0.47	270.0	14	1.78	0.48	270.0	15	2.97	0.80	270.0
	16	1.70	0.46	270.0	17	1.69	0.46	270.0	18	1.69	0.46	270.0
	19	2.25	0.61	270.0	20	1.75	0.47	270.0	21	1.67	0.45	270.0
	22	1.65	0.45	270.0	23	1.65	0.44	270.0	24	4.45	1.20	270.0
	25	1.71	0.46	270.0	26	1.69	0.46	270.0	27	1.70	0.46	270.0
	28	1.63	0.44	270.0	29	1.61	0.43	270.0	30	1.62	0.44	270.0
	31	3.67	0.99	270.0	32	1.66	0.45	270.0	33	1.64	0.44	270.0
	34	1.65	0.45	270.0	35	1.60	0.43	270.0	36	1.59	0.43	270.0
	37	1.59	0.43	270.0	38	1.65	0.44	270.0	39	1.59	0.43	270.0
	40	1.60	0.43	270.0	41	1.59	0.43	270.0	42	1.57	0.42	270.0
	43	1.58	0.43	270.0	44	1.57	0.42	270.0	45	1.58	0.43	270.0
	46	1.60	0.43	270.0	47	1.57	0.42	270.0	48	1.59	0.43	270.0
	49	1.57	0.42	270.0	50	1.55	0.42	270.0	51	1.59	0.43	270.0
	52	1.60	0.43	270.0	53	1.56	0.42	270.0	54	1.55	0.42	270.0
	55	1.59	0.43	270.0	56	1.60	0.43	270.0	134	3.21	1.15	360.0
	135	3.31	1.19	360.0	136	3.21	1.16	360.0	137	3.32	1.19	360.0
	138	3.20	1.15	360.0	139	3.22	1.16	360.0	140	3.28	1.18	360.0
	141	3.28	1.18	360.0	142	3.24	1.17	360.0	143	3.25	1.17	360.0
	144	3.25	1.17	360.0	145	3.24	1.17	360.0	146	3.26	1.17	360.0
	147	3.25	1.17	360.0	148	2.87	1.03	360.0	149	3.21	1.16	360.0
	150	3.17	1.14	360.0	151	3.14	1.13	360.0	152	3.13	1.13	360.0
	153	3.11	1.12	360.0	154	3.04	1.09	360.0	155	3.00	1.08	360.0
	156	3.02	1.09	360.0	157	3.00	1.08	360.0	158	2.93	1.06	360.0
	159	2.88	1.04	360.0	160	2.93	1.06	360.0	161	2.87	1.03	360.0
	162	2.84	1.02	360.0	163	2.78	1.00	360.0	164	2.84	1.02	360.0
	165	2.78	1.00	360.0	166	2.79	1.00	360.0	167	2.77	1.00	360.0
	168	2.81	1.01	360.0	169	2.76	0.99	360.0	214	0.73	0.06	85.0
	215	0.68	0.06	85.0	218	0.24	0.04	158.9	219	0.25	0.04	158.9
	228	0.41	0.08	190.0	229	0.25	0.05	190.0	230	0.25	0.05	190.0

83	231	0.22	0.04	190.0	232	0.37	0.07	190.0	233	0.37	0.07	190.0
	234	0.50	0.09	190.0	235	0.49	0.09	190.0	238	0.21	0.02	73.9
	239	0.22	0.02	73.9	240	0.12	0.03	265.9	241	0.039	0.05e-03	265.9
	250	0.14	0.04	284.9	251	0.12	0.03	284.9	252	0.48	0.15	319.7
	253	0.33	0.11	319.7	254	0.38	0.12	319.7	255	0.64	0.20	319.7
	273	0.53	0.05	94.9	274	0.96	0.09	94.9	276	7.89e-03	1.60e-03	203.3
	277	0.047	4.9e-03	203.3	280	0.11	0.02	231.3	281	0.39	0.09	231.3
	1	1.78	0.48	270.0	2	1.79	0.48	270.0	3	1.78	0.48	270.0
	4	1.79	0.48	270.0	5	1.77	0.48	270.0	6	1.75	0.47	270.0
	7	1.78	0.48	270.0	8	1.78	0.48	270.0	9	1.70	0.46	270.0
	10	1.70	0.46	270.0	11	1.69	0.46	270.0	12	1.71	0.46	270.0
	13	1.69	0.46	270.0	14	1.69	0.46	270.0	15	2.93	0.79	270.0
	16	1.66	0.45	270.0	17	1.64	0.44	270.0	18	1.64	0.44	270.0
	19	2.45	0.66	270.0	20	1.65	0.45	270.0	21	1.63	0.44	270.0
	22	1.61	0.43	270.0	23	1.60	0.43	270.0	24	4.43	1.20	270.0
	25	1.62	0.44	270.0	26	1.60	0.43	270.0	27	1.60	0.43	270.0
	28	1.58	0.43	270.0	29	1.56	0.42	270.0	30	1.57	0.42	270.0
	31	3.66	0.99	270.0	32	1.58	0.43	270.0	33	1.56	0.42	270.0
	34	1.56	0.42	270.0	35	1.55	0.42	270.0	36	1.54	0.42	270.0
	37	1.54	0.42	270.0	38	1.61	0.44	270.0	39	1.53	0.41	270.0
	40	1.53	0.41	270.0	41	1.53	0.41	270.0	42	1.51	0.41	270.0
	43	1.55	0.42	270.0	44	1.54	0.42	270.0	45	1.52	0.41	270.0
	46	1.53	0.41	270.0	47	1.54	0.42	270.0	48	1.53	0.41	270.0
	49	1.54	0.42	270.0	50	1.54	0.41	270.0	51	1.52	0.41	270.0
	52	1.54	0.41	270.0	53	1.54	0.41	270.0	54	1.54	0.41	270.0
	55	1.52	0.41	270.0	56	1.53	0.41	270.0	134	3.26	1.17	360.0
	135	3.15	1.13	360.0	136	3.25	1.17	360.0	137	3.15	1.13	360.0
	138	3.24	1.17	360.0	139	3.23	1.16	360.0	140	3.12	1.12	360.0
	141	3.15	1.13	360.0	142	3.20	1.15	360.0	143	3.15	1.13	360.0
	144	3.21	1.16	360.0	145	3.18	1.15	360.0	146	3.20	1.15	360.0
	147	3.19	1.15	360.0	148	2.62	0.94	360.0	149	3.20	1.15	360.0
	150	3.11	1.12	360.0	151	3.10	1.11	360.0	152	3.14	1.13	360.0
	153	3.12	1.12	360.0	154	3.01	1.08	360.0	155	2.99	1.08	360.0
	156	3.02	1.09	360.0	157	2.98	1.07	360.0	158	2.94	1.06	360.0
	159	2.92	1.05	360.0	160	2.91	1.05	360.0	161	2.81	1.01	360.0
	162	2.89	1.04	360.0	163	2.87	1.03	360.0	164	2.79	1.01	360.0
	165	2.68	0.97	360.0	166	2.87	1.03	360.0	167	2.86	1.03	360.0
	168	2.73	0.98	360.0	169	2.66	0.96	360.0	214	0.67	0.06	85.0
	215	0.69	0.06	85.0	218	0.25	0.04	158.9	219	0.20	0.03	158.9
	228	0.43	0.08	190.0	229	0.20	0.04	190.0	230	0.26	0.05	190.0
	231	0.21	0.04	190.0	232	0.38	0.07	190.0	233	0.31	0.06	190.0
	234	0.48	0.09	190.0	235	0.45	0.09	190.0	238	0.26	0.02	73.9
	239	0.17	0.01	73.9	240	0.08	0.02	265.9	241	0.13	0.03	265.9
	250	0.10	0.03	284.9	251	0.13	0.04	284.9	252	0.58	0.19	319.7
	253	0.39	0.12	319.7	254	0.43	0.14	319.7	255	0.57	0.18	319.7
	273	0.57	0.05	94.9	274	0.76	0.07	94.9	276	0.06	0.01	203.3
	277	0.023	9.1e-03	203.3	280	0.19	0.04	231.3	281	0.21	0.05	231.3
84	1	1.53	0.41	270.0	2	1.48	0.40	270.0	3	1.52	0.41	270.0
	4	1.48	0.40	270.0	5	1.56	0.42	270.0	6	1.52	0.41	270.0
	7	1.50	0.40	270.0	8	1.48	0.40	270.0	9	1.55	0.42	270.0
	10	1.56	0.42	270.0	11	1.53	0.41	270.0	12	1.52	0.41	270.0
	13	1.60	0.43	270.0	14	1.53	0.41	270.0	15	2.89	0.78	270.0
	16	1.64	0.44	270.0	17	1.61	0.43	270.0	18	1.60	0.43	270.0
	19	2.35	0.64	270.0	20	1.55	0.42	270.0	21	1.66	0.45	270.0
	22	1.62	0.44	270.0	23	1.61	0.43	270.0	24	4.46	1.21	270.0
	25	1.58	0.43	270.0	26	1.56	0.42	270.0	27	1.56	0.42	270.0
	28	1.72	0.46	270.0	29	1.69	0.46	270.0	30	1.68	0.45	270.0
	31	3.72	1.00	270.0	32	1.64	0.44	270.0	33	1.63	0.44	270.0
	34	1.63	0.44	270.0	35	1.78	0.48	270.0	36	1.75	0.47	270.0
	37	1.75	0.47	270.0	38	1.78	0.48	270.0	39	1.73	0.47	270.0
	40	1.70	0.46	270.0	41	1.70	0.46	270.0	42	1.76	0.48	270.0
	43	1.86	0.50	270.0	44	1.82	0.49	270.0	45	1.80	0.49	270.0
	46	1.77	0.48	270.0	47	1.84	0.50	270.0	48	1.79	0.48	270.0
	49	1.94	0.52	270.0	50	1.89	0.51	270.0	51	1.90	0.51	270.0
	52	1.85	0.50	270.0	53	1.94	0.52	270.0	54	1.93	0.52	270.0
	55	1.91	0.52	270.0	56	1.89	0.51	270.0	134	2.91	1.05	360.0
	135	2.66	0.96	360.0	136	2.90	1.04	360.0	137	2.67	0.96	360.0
	138	2.94	1.06	360.0	139	2.90	1.04	360.0	140	2.78	1.00	360.0
	141	2.68	0.97	360.0	142	3.00	1.08	360.0	143	2.94	1.06	360.0
	144	3.08	1.11	360.0	145	2.94	1.06	360.0	146	3.17	1.14	360.0
	147	3.14	1.13	360.0	148	2.50	0.90	360.0	149	3.06	1.10	360.0
	150	3.32	1.20	360.0	151	3.29	1.18	360.0	152	3.25	1.17	360.0
	153	3.24	1.17	360.0	154	3.37	1.21	360.0	155	3.34	1.20	360.0
	156	3.26	1.18	360.0	157	3.27	1.18	360.0	158	3.40	1.23	360.0
	159	3.37	1.21	360.0	160	3.25	1.17	360.0	161	3.29	1.18	360.0
	162	3.46	1.24	360.0	163	3.42	1.23	360.0	164	3.24	1.17	360.0

85	165	3.29	1.18	360.0	166	3.47	1.25	360.0	167	3.46	1.25	360.0
	168	3.25	1.17	360.0	169	3.29	1.19	360.0	214	0.76	0.06	85.0
	215	0.83	0.07	85.0	218	0.28	0.04	158.9	219	0.26	0.04	158.9
	228	0.31	0.06	190.0	229	0.21	0.04	190.0	230	0.30	0.06	190.0
	231	0.23	0.04	190.0	232	0.43	0.08	190.0	233	0.37	0.07	190.0
	234	0.53	0.10	190.0	235	0.54	0.10	190.0	238	0.27	0.02	73.9
	239	0.21	0.02	73.9	240	0.06	0.02	265.9	241	0.12	0.03	265.9
	250	0.13	0.04	284.9	251	0.16	0.04	284.9	252	0.53	0.17	319.7
	253	0.41	0.13	319.7	254	0.71	0.23	319.7	255	0.26	0.08	319.7
	273	0.65	0.06	94.9	274	0.74	0.07	94.9	276	0.08	0.02	203.3
	277	0.035.53e-03		203.3	280	0.20	0.05	231.3	281	0.21	0.05	231.3
	1	1.64	0.44	270.0	2	2.31	0.62	270.0	3	1.71	0.46	270.0
	4	2.17	0.59	270.0	5	1.54	0.42	270.0	6	1.74	0.47	270.0
	7	2.00	0.54	270.0	8	2.42	0.65	270.0	9	1.58	0.43	270.0
	10	1.49	0.40	270.0	11	1.73	0.47	270.0	12	1.91	0.52	270.0
	13	1.35	0.36	270.0	14	2.21	0.60	270.0	15	1.83	0.49	270.0
	16	1.24	0.34	270.0	17	1.34	0.36	270.0	18	1.45	0.39	270.0
	19	1.86	0.50	270.0	20	2.19	0.59	270.0	21	1.19	0.32	270.0
	22	1.29	0.35	270.0	23	1.40	0.38	270.0	24	1.96	0.53	270.0
	25	1.77	0.48	270.0	26	2.00	0.54	270.0	27	2.17	0.58	270.0
	28	1.05	0.28	270.0	29	1.16	0.31	270.0	30	1.28	0.34	270.0
	31	1.65	0.44	270.0	32	1.66	0.45	270.0	33	1.82	0.49	270.0
	34	2.05	0.55	270.0	35	1.05	0.28	270.0	36	1.16	0.31	270.0
	37	1.26	0.34	270.0	38	1.41	0.38	270.0	39	1.64	0.44	270.0
	40	1.98	0.53	270.0	41	1.80	0.49	270.0	42	1.43	0.39	270.0
	43	1.04	0.28	270.0	44	1.31	0.35	270.0	45	1.61	0.44	270.0
	46	2.03	0.55	270.0	47	1.16	0.31	270.0	48	1.81	0.49	270.0
	49	1.07	0.29	270.0	50	1.38	0.37	270.0	51	1.61	0.43	270.0
	52	2.09	0.57	270.0	53	1.16	0.31	270.0	54	1.27	0.34	270.0
	55	1.76	0.48	270.0	56	1.93	0.52	270.0	134	2.74	0.99	360.0
	135	3.73	1.34	360.0	136	2.83	1.02	360.0	137	3.53	1.27	360.0
	138	2.59	0.93	360.0	139	2.89	1.04	360.0	140	3.28	1.18	360.0
	141	3.89	1.40	360.0	142	2.67	0.96	360.0	143	3.16	1.14	360.0
	144	2.35	0.85	360.0	145	3.58	1.29	360.0	146	2.22	0.80	360.0
	147	2.52	0.91	360.0	148	2.97	1.07	360.0	149	3.57	1.28	360.0
	150	1.85	0.67	360.0	151	2.25	0.81	360.0	152	2.80	1.01	360.0
	153	3.38	1.22	360.0	154	1.83	0.66	360.0	155	2.23	0.80	360.0
	156	2.80	1.01	360.0	157	3.25	1.17	360.0	158	1.79	0.65	360.0
	159	2.32	0.83	360.0	160	2.78	1.00	360.0	161	3.31	1.19	360.0
	162	1.82	0.66	360.0	163	2.46	0.88	360.0	164	2.79	1.00	360.0
	165	3.39	1.22	360.0	166	2.04	0.73	360.0	167	2.24	0.81	360.0
	168	2.98	1.07	360.0	169	3.19	1.15	360.0	214	0.30	0.03	85.0
	215	0.36	0.03	85.0	218	0.068.98e-03		158.9	219	0.10	0.02	158.9
	228	0.25	0.05	190.0	229	0.22	0.04	190.0	230	0.23	0.04	190.0
	231	0.29	0.05	190.0	232	0.18	0.03	190.0	233	0.25	0.05	190.0
	234	0.16	0.03	190.0	235	0.21	0.04	190.0	238	0.075.16e-03		73.9
	239	0.085.66e-03		73.9	240	0.09	0.02	265.9	241	0.08	0.02	265.9
	250	9.01e-032.57e-03		284.9	251	0.038.43e-03		284.9	252	1.47	0.47	319.7
	253	1.79	0.57	319.7	254	1.64	0.52	319.7	255	1.77	0.57	319.7
	273	0.076.67e-03		94.9	274	0.109.94e-03		94.9	276	0.035.82e-03		203.3
	277	0.012.68e-03		203.3	280	0.07	0.02	231.3	281	0.10	0.02	231.3
86	1	1.31	0.35	270.0	2	1.65	0.45	270.0	3	1.32	0.36	270.0
	4	1.57	0.42	270.0	5	1.33	0.36	270.0	6	1.36	0.37	270.0
	7	1.50	0.41	270.0	8	1.74	0.47	270.0	9	1.36	0.37	270.0
	10	1.33	0.36	270.0	11	1.40	0.38	270.0	12	1.53	0.41	270.0
	13	1.34	0.36	270.0	14	1.72	0.46	270.0	15	1.63	0.44	270.0
	16	1.36	0.37	270.0	17	1.36	0.37	270.0	18	1.38	0.37	270.0
	19	1.56	0.42	270.0	20	1.76	0.47	270.0	21	1.36	0.37	270.0
	22	1.34	0.36	270.0	23	1.38	0.37	270.0	24	1.87	0.50	270.0
	25	1.55	0.42	270.0	26	1.67	0.45	270.0	27	1.76	0.48	270.0
	28	1.48	0.40	270.0	29	1.47	0.40	270.0	30	1.50	0.41	270.0
	31	1.73	0.47	270.0	32	1.66	0.45	270.0	33	1.73	0.47	270.0
	34	1.85	0.50	270.0	35	1.55	0.42	270.0	36	1.54	0.41	270.0
	37	1.58	0.43	270.0	38	1.57	0.42	270.0	39	1.71	0.46	270.0
	40	1.88	0.51	270.0	41	1.79	0.48	270.0	42	1.66	0.45	270.0
	43	1.62	0.44	270.0	44	1.65	0.45	270.0	45	1.77	0.48	270.0
	46	1.96	0.53	270.0	47	1.64	0.44	270.0	48	1.87	0.51	270.0
	49	1.70	0.46	270.0	50	1.74	0.47	270.0	51	1.84	0.50	270.0
	52	2.07	0.56	270.0	53	1.73	0.47	270.0	54	1.74	0.47	270.0
	55	1.94	0.52	270.0	56	2.01	0.54	270.0	134	2.23	0.80	360.0
	135	2.72	0.98	360.0	136	2.32	0.83	360.0	137	2.64	0.95	360.0
	138	2.18	0.78	360.0	139	2.43	0.88	360.0	140	2.58	0.93	360.0
	141	2.81	1.01	360.0	142	2.39	0.86	360.0	143	2.60	0.94	360.0
	144	2.25	0.81	360.0	145	2.79	1.00	360.0	146	2.29	0.83	360.0
	147	2.40	0.86	360.0	148	2.60	0.93	360.0	149	2.82	1.02	360.0
	150	2.57	0.93	360.0	151	2.62	0.94	360.0	152	2.80	1.01	360.0

87	153	3.04	1.09	360.0	154	2.67	0.96	360.0	155	2.71	0.97	360.0
	156	2.90	1.05	360.0	157	3.08	1.11	360.0	158	2.76	1.00	360.0
	159	2.82	1.01	360.0	160	2.98	1.07	360.0	161	3.18	1.15	360.0
	162	2.88	1.04	360.0	163	2.95	1.06	360.0	164	3.07	1.11	360.0
	165	3.31	1.19	360.0	166	2.93	1.05	360.0	167	2.94	1.06	360.0
	168	3.18	1.14	360.0	169	3.26	1.17	360.0	214	0.62	0.05	85.0
	215	0.54	0.05	85.0	218	0.21	0.03	158.9	219	0.22	0.03	158.9
	228	0.24	0.05	190.0	229	0.24	0.05	190.0	230	0.31	0.06	190.0
	231	0.30	0.06	190.0	232	0.38	0.07	190.0	233	0.36	0.07	190.0
	234	0.42	0.08	190.0	235	0.37	0.07	190.0	238	0.14	0.01	73.9
	239	0.139.76e-03		73.9	240	0.04	0.01	265.9	241	0.04	0.01	265.9
	250	0.12	0.03	284.9	251	0.12	0.03	284.9	252	1.64	0.52	319.7
	253	1.44	0.46	319.7	254	1.79	0.57	319.7	255	1.55	0.49	319.7
	273	0.39	0.04	94.9	274	0.41	0.04	94.9	276	0.036.70e-03		203.3
	277	0.05	0.01	203.3	280	0.11	0.02	231.3	281	0.13	0.03	231.3
	1	1.32	0.36	270.0	2	1.65	0.45	270.0	3	1.33	0.36	270.0
	4	1.57	0.42	270.0	5	1.33	0.36	270.0	6	1.36	0.37	270.0
	7	1.50	0.41	270.0	8	1.73	0.47	270.0	9	1.36	0.37	270.0
	10	1.33	0.36	270.0	11	1.41	0.38	270.0	12	1.53	0.41	270.0
	13	1.34	0.36	270.0	14	1.70	0.46	270.0	15	1.62	0.44	270.0
	16	1.35	0.36	270.0	17	1.35	0.37	270.0	18	1.38	0.37	270.0
	19	1.63	0.44	270.0	20	1.73	0.47	270.0	21	1.35	0.36	270.0
	22	1.34	0.36	270.0	23	1.38	0.37	270.0	24	1.87	0.50	270.0
	25	1.53	0.41	270.0	26	1.65	0.45	270.0	27	1.74	0.47	270.0
	28	1.46	0.39	270.0	29	1.45	0.39	270.0	30	1.49	0.40	270.0
	31	1.73	0.47	270.0	32	1.63	0.44	270.0	33	1.71	0.46	270.0
	34	1.82	0.49	270.0	35	1.52	0.41	270.0	36	1.51	0.41	270.0
	37	1.56	0.42	270.0	38	1.56	0.42	270.0	39	1.69	0.46	270.0
	40	1.85	0.50	270.0	41	1.76	0.48	270.0	42	1.63	0.44	270.0
	43	1.60	0.43	270.0	44	1.65	0.45	270.0	45	1.75	0.47	270.0
	46	1.94	0.52	270.0	47	1.62	0.44	270.0	48	1.84	0.50	270.0
	49	1.68	0.45	270.0	50	1.75	0.47	270.0	51	1.82	0.49	270.0
	52	2.03	0.55	270.0	53	1.71	0.46	270.0	54	1.74	0.47	270.0
	55	1.90	0.51	270.0	56	1.98	0.53	270.0	134	2.25	0.81	360.0
	135	2.74	0.99	360.0	136	2.28	0.82	360.0	137	2.60	0.94	360.0
	138	2.25	0.81	360.0	139	2.33	0.84	360.0	140	2.48	0.89	360.0
	141	2.88	1.04	360.0	142	2.33	0.84	360.0	143	2.55	0.92	360.0
	144	2.29	0.82	360.0	145	2.85	1.03	360.0	146	2.32	0.84	360.0
	147	2.38	0.86	360.0	148	2.55	0.92	360.0	149	2.91	1.05	360.0
	150	2.58	0.93	360.0	151	2.66	0.96	360.0	152	2.88	1.04	360.0
	153	3.11	1.12	360.0	154	2.69	0.97	360.0	155	2.78	1.00	360.0
	156	3.00	1.08	360.0	157	3.13	1.13	360.0	158	2.80	1.01	360.0
	159	2.94	1.06	360.0	160	3.08	1.11	360.0	161	3.21	1.16	360.0
	162	2.93	1.06	360.0	163	3.12	1.12	360.0	164	3.17	1.14	360.0
	165	3.30	1.19	360.0	166	3.02	1.09	360.0	167	3.08	1.11	360.0
	168	3.22	1.16	360.0	169	3.27	1.18	360.0	214	0.53	0.05	85.0
	215	0.50	0.04	85.0	218	0.19	0.03	158.9	219	0.10	0.02	158.9
	228	0.23	0.04	190.0	229	0.20	0.04	190.0	230	0.25	0.05	190.0
	231	0.27	0.05	190.0	232	0.29	0.06	190.0	233	0.24	0.05	190.0
	234	0.34	0.07	190.0	235	0.28	0.05	190.0	238	0.16	0.01	73.9
	239	0.064.24e-03		73.9	240	0.07	0.02	265.9	241	0.09	0.02	265.9
	250	0.05	0.02	284.9	251	0.08	0.02	284.9	252	1.75	0.56	319.7
	253	1.50	0.48	319.7	254	1.72	0.55	319.7	255	1.55	0.50	319.7
	273	0.33	0.03	94.9	274	0.25	0.02	94.9	276	0.047.32e-03		203.3
	277	8.69e-031.77e-03		203.3	280	0.12	0.03	231.3	281	0.08	0.02	231.3
88	1	1.60	0.43	270.0	2	2.28	0.61	270.0	3	1.66	0.45	270.0
	4	2.13	0.58	270.0	5	1.50	0.41	270.0	6	1.70	0.46	270.0
	7	1.96	0.53	270.0	8	2.40	0.65	270.0	9	1.54	0.41	270.0
	10	1.44	0.39	270.0	11	1.68	0.45	270.0	12	1.87	0.51	270.0
	13	1.31	0.35	270.0	14	2.18	0.59	270.0	15	1.80	0.49	270.0
	16	1.22	0.33	270.0	17	1.31	0.35	270.0	18	1.41	0.38	270.0
	19	1.95	0.53	270.0	20	2.16	0.58	270.0	21	1.16	0.31	270.0
	22	1.26	0.34	270.0	23	1.37	0.37	270.0	24	1.94	0.52	270.0
	25	1.73	0.47	270.0	26	1.97	0.53	270.0	27	2.14	0.58	270.0
	28	1.04	0.28	270.0	29	1.14	0.31	270.0	30	1.26	0.34	270.0
	31	1.63	0.44	270.0	32	1.64	0.44	270.0	33	1.80	0.49	270.0
	34	2.04	0.55	270.0	35	1.05	0.28	270.0	36	1.15	0.31	270.0
	37	1.24	0.34	270.0	38	1.40	0.38	270.0	39	1.63	0.44	270.0
	40	1.97	0.53	270.0	41	1.79	0.48	270.0	42	1.43	0.39	270.0
	43	1.05	0.28	270.0	44	1.29	0.35	270.0	45	1.60	0.43	270.0
	46	2.03	0.55	270.0	47	1.16	0.31	270.0	48	1.81	0.49	270.0
	49	1.08	0.29	270.0	50	1.35	0.37	270.0	51	1.61	0.43	270.0
	52	2.10	0.57	270.0	53	1.17	0.32	270.0	54	1.26	0.34	270.0
	55	1.77	0.48	270.0	56	1.94	0.52	270.0	134	2.77	1.00	360.0
	135	3.61	1.30	360.0	136	2.90	1.05	360.0	137	3.45	1.24	360.0
	138	2.57	0.92	360.0	139	2.99	1.08	360.0	140	3.27	1.18	360.0

	141	3.74	1.35	360.0	142	2.69	0.97	360.0	143	3.14	1.13	360.0
	144	2.28	0.82	360.0	145	3.48	1.25	360.0	146	2.14	0.77	360.0
	147	2.49	0.89	360.0	148	2.87	1.03	360.0	149	3.47	1.25	360.0
	150	1.79	0.64	360.0	151	2.16	0.78	360.0	152	2.70	0.97	360.0
	153	3.29	1.19	360.0	154	1.78	0.64	360.0	155	2.11	0.76	360.0
	156	2.67	0.96	360.0	157	3.17	1.14	360.0	158	1.75	0.63	360.0
	159	2.17	0.78	360.0	160	2.62	0.94	360.0	161	3.24	1.17	360.0
	162	1.78	0.64	360.0	163	2.27	0.82	360.0	164	2.62	0.94	360.0
	165	3.35	1.21	360.0	166	1.94	0.70	360.0	167	2.10	0.76	360.0
	168	2.86	1.03	360.0	169	3.11	1.12	360.0	214	0.40	0.03	85.0
	215	0.44	0.04	85.0	218	0.14	0.02	158.9	219	0.21	0.03	158.9
	228	0.28	0.05	190.0	229	0.24	0.05	190.0	230	0.30	0.06	190.0
	231	0.32	0.06	190.0	232	0.31	0.06	190.0	233	0.36	0.07	190.0
	234	0.28	0.05	190.0	235	0.33	0.06	190.0	238	0.107.71e-03		73.9
	239	0.107.44e-03		73.9	240	0.025.51e-03		265.9	241	0.09	0.02	265.9
	250	0.08	0.02	284.9	251	0.11	0.03	284.9	252	1.35	0.43	319.7
	253	1.73	0.55	319.7	254	1.73	0.55	319.7	255	1.76	0.56	319.7
	273	0.28	0.03	94.9	274	0.29	0.03	94.9	276	0.047.88e-03		203.3
	277	0.048.82e-03		203.3	280	0.13	0.03	231.3	281	0.08	0.02	231.3
89	1	1.64	0.44	270.0	2	2.11	0.57	270.0	3	1.68	0.45	270.0
	4	2.01	0.54	270.0	5	1.58	0.43	270.0	6	1.70	0.46	270.0
	7	1.88	0.51	270.0	8	2.18	0.59	270.0	9	1.59	0.43	270.0
	10	1.53	0.41	270.0	11	1.68	0.45	270.0	12	1.81	0.49	270.0
	13	1.44	0.39	270.0	14	2.02	0.55	270.0	15	1.73	0.47	270.0
	16	1.37	0.37	270.0	17	1.42	0.38	270.0	18	1.49	0.40	270.0
	19	1.77	0.48	270.0	20	2.00	0.54	270.0	21	1.34	0.36	270.0
	22	1.39	0.38	270.0	23	1.46	0.39	270.0	24	1.95	0.53	270.0
	25	1.70	0.46	270.0	26	1.87	0.51	270.0	27	1.99	0.54	270.0
	28	1.22	0.33	270.0	29	1.27	0.34	270.0	30	1.35	0.36	270.0
	31	1.71	0.46	270.0	32	1.59	0.43	270.0	33	1.71	0.46	270.0
	34	1.88	0.51	270.0	35	1.21	0.33	270.0	36	1.25	0.34	270.0
	37	1.32	0.36	270.0	38	1.41	0.38	270.0	39	1.58	0.43	270.0
	40	1.82	0.49	270.0	41	1.68	0.45	270.0	42	1.42	0.38	270.0
	43	1.20	0.32	270.0	44	1.35	0.36	270.0	45	1.56	0.42	270.0
	46	1.85	0.50	270.0	47	1.25	0.34	270.0	48	1.68	0.45	270.0
	49	1.21	0.33	270.0	50	1.39	0.38	270.0	51	1.55	0.42	270.0
	52	1.89	0.51	270.0	53	1.25	0.34	270.0	54	1.31	0.35	270.0
	55	1.66	0.45	270.0	56	1.76	0.48	270.0	134	2.76	0.99	360.0
	135	3.45	1.24	360.0	136	2.81	1.01	360.0	137	3.29	1.18	360.0
	138	2.67	0.96	360.0	139	2.85	1.02	360.0	140	3.14	1.13	360.0
	141	3.57	1.28	360.0	142	2.69	0.97	360.0	143	3.04	1.10	360.0
	144	2.50	0.90	360.0	145	3.33	1.20	360.0	146	2.42	0.87	360.0
	147	2.59	0.93	360.0	148	2.86	1.03	360.0	149	3.31	1.19	360.0
	150	2.12	0.76	360.0	151	2.37	0.85	360.0	152	2.70	0.97	360.0
	153	3.12	1.12	360.0	154	2.07	0.75	360.0	155	2.34	0.84	360.0
	156	2.68	0.96	360.0	157	3.00	1.08	360.0	158	2.03	0.73	360.0
	159	2.39	0.86	360.0	160	2.66	0.96	360.0	161	3.08	1.11	360.0
	162	2.03	0.73	360.0	163	2.49	0.90	360.0	164	2.67	0.96	360.0
	165	3.13	1.13	360.0	166	2.17	0.78	360.0	167	2.32	0.83	360.0
	168	2.79	1.00	360.0	169	2.98	1.07	360.0	214	0.30	0.03	85.0
	215	0.32	0.03	85.0	218	0.068.87e-03		158.9	219	0.08	0.01	158.9
	228	0.15	0.03	190.0	229	0.24	0.04	190.0	230	0.25	0.05	190.0
	231	0.28	0.05	190.0	232	0.20	0.04	190.0	233	0.23	0.04	190.0
	234	0.16	0.03	190.0	235	0.19	0.04	190.0	238	0.064.16e-03		73.9
	239	0.096.82e-03		73.9	240	0.09	0.02	265.9	241	0.08	0.02	265.9
	250	0.013.74e-03		284.9	251	0.026.76e-03		284.9	252	1.58	0.51	319.7
	253	1.65	0.53	319.7	254	1.75	0.56	319.7	255	1.63	0.52	319.7
	273	0.076.83e-03		94.9	274	0.13	0.01	94.9	276	0.024.34e-03		203.3
	277	9.25e-031.88e-03		203.3	280	0.07	0.02	231.3	281	0.17	0.04	231.3
90	1	1.18	0.32	270.0	2	1.81	0.49	270.0	3	1.24	0.33	270.0
	4	1.68	0.45	270.0	5	1.15	0.31	270.0	6	1.31	0.35	270.0
	7	1.56	0.42	270.0	8	1.95	0.53	270.0	9	1.29	0.35	270.0
	10	1.21	0.33	270.0	11	1.40	0.38	270.0	12	1.59	0.43	270.0
	13	1.18	0.32	270.0	14	1.89	0.51	270.0	15	1.56	0.42	270.0
	16	1.19	0.32	270.0	17	1.25	0.34	270.0	18	1.31	0.35	270.0
	19	1.62	0.44	270.0	20	1.94	0.52	270.0	21	1.19	0.32	270.0
	22	1.24	0.34	270.0	23	1.32	0.36	270.0	24	1.87	0.50	270.0
	25	1.62	0.44	270.0	26	1.81	0.49	270.0	27	1.94	0.53	270.0
	28	1.35	0.36	270.0	29	1.39	0.38	270.0	30	1.47	0.40	270.0
	31	1.81	0.49	270.0	32	1.75	0.47	270.0	33	1.86	0.50	270.0
	34	2.03	0.55	270.0	35	1.47	0.40	270.0	36	1.51	0.41	270.0
	37	1.57	0.42	270.0	38	1.62	0.44	270.0	39	1.80	0.49	270.0
	40	2.06	0.56	270.0	41	1.93	0.52	270.0	42	1.72	0.46	270.0
	43	1.56	0.42	270.0	44	1.68	0.45	270.0	45	1.87	0.50	270.0
	46	2.17	0.59	270.0	47	1.63	0.44	270.0	48	2.04	0.55	270.0
	49	1.67	0.45	270.0	50	1.80	0.49	270.0	51	1.96	0.53	270.0

	52	2.30	0.62	270.0	53	1.73	0.47	270.0	54	1.78	0.48	270.0
	55	2.09	0.57	270.0	56	2.21	0.60	270.0	134	2.02	0.73	360.0
	135	2.92	1.05	360.0	136	2.17	0.78	360.0	137	2.78	1.00	360.0
	138	1.89	0.68	360.0	139	2.34	0.84	360.0	140	2.62	0.94	360.0
	141	3.06	1.10	360.0	142	2.28	0.82	360.0	143	2.65	0.95	360.0
	144	2.00	0.72	360.0	145	3.02	1.09	360.0	146	2.04	0.73	360.0
	147	2.30	0.83	360.0	148	2.71	0.97	360.0	149	3.07	1.11	360.0
	150	2.40	0.86	360.0	151	2.58	0.93	360.0	152	2.94	1.06	360.0
	153	3.32	1.20	360.0	154	2.57	0.92	360.0	155	2.71	0.97	360.0
	156	3.09	1.11	360.0	157	3.37	1.21	360.0	158	2.69	0.97	360.0
	159	2.86	1.03	360.0	160	3.18	1.14	360.0	161	3.48	1.25	360.0
	162	2.84	1.02	360.0	163	3.04	1.09	360.0	164	3.29	1.18	360.0
	165	3.64	1.31	360.0	166	2.95	1.06	360.0	167	3.01	1.08	360.0
	168	3.45	1.24	360.0	169	3.54	1.27	360.0	214	0.65	0.06	85.0
	215	0.59	0.05	85.0	218	0.21	0.03	158.9	219	0.23	0.04	158.9
	228	0.33	0.06	190.0	229	0.22	0.04	190.0	230	0.29	0.05	190.0
	231	0.31	0.06	190.0	232	0.37	0.07	190.0	233	0.38	0.07	190.0
	234	0.43	0.08	190.0	235	0.40	0.08	190.0	238	0.16	0.01	73.9
	239	0.14	0.01	73.9	240	0.04	0.01	265.9	241	0.05	0.01	265.9
	250	0.12	0.03	284.9	251	0.12	0.03	284.9	252	1.52	0.49	319.7
	253	1.58	0.51	319.7	254	1.68	0.54	319.7	255	1.69	0.54	319.7
	273	0.40	0.04	94.9	274	0.57	0.05	94.9	276	0.035.76e-03		203.3
	277	0.05	0.01	203.3	280	0.11	0.03	231.3	281	0.19	0.04	231.3
91	1	1.19	0.32	270.0	2	1.81	0.49	270.0	3	1.25	0.34	270.0
	4	1.68	0.45	270.0	5	1.15	0.31	270.0	6	1.31	0.35	270.0
	7	1.56	0.42	270.0	8	1.94	0.52	270.0	9	1.29	0.35	270.0
	10	1.22	0.33	270.0	11	1.41	0.38	270.0	12	1.60	0.43	270.0
	13	1.17	0.32	270.0	14	1.88	0.51	270.0	15	1.55	0.42	270.0
	16	1.18	0.32	270.0	17	1.24	0.34	270.0	18	1.31	0.35	270.0
	19	1.68	0.45	270.0	20	1.91	0.52	270.0	21	1.18	0.32	270.0
	22	1.24	0.33	270.0	23	1.32	0.36	270.0	24	1.87	0.50	270.0
	25	1.61	0.43	270.0	26	1.79	0.48	270.0	27	1.92	0.52	270.0
	28	1.33	0.36	270.0	29	1.38	0.37	270.0	30	1.45	0.39	270.0
	31	1.81	0.49	270.0	32	1.72	0.46	270.0	33	1.83	0.49	270.0
	34	2.00	0.54	270.0	35	1.44	0.39	270.0	36	1.48	0.40	270.0
	37	1.55	0.42	270.0	38	1.61	0.43	270.0	39	1.78	0.48	270.0
	40	2.03	0.55	270.0	41	1.90	0.51	270.0	42	1.69	0.46	270.0
	43	1.54	0.41	270.0	44	1.67	0.45	270.0	45	1.84	0.50	270.0
	46	2.14	0.58	270.0	47	1.61	0.43	270.0	48	2.00	0.54	270.0
	49	1.65	0.44	270.0	50	1.81	0.49	270.0	51	1.93	0.52	270.0
	52	2.27	0.61	270.0	53	1.72	0.46	270.0	54	1.77	0.48	270.0
	55	2.06	0.56	270.0	56	2.18	0.59	270.0	134	2.03	0.73	360.0
	135	2.95	1.06	360.0	136	2.12	0.76	360.0	137	2.76	0.99	360.0
	138	1.96	0.71	360.0	139	2.24	0.81	360.0	140	2.53	0.91	360.0
	141	3.15	1.13	360.0	142	2.22	0.80	360.0	143	2.60	0.94	360.0
	144	2.03	0.73	360.0	145	3.08	1.11	360.0	146	2.06	0.74	360.0
	147	2.28	0.82	360.0	148	2.66	0.96	360.0	149	3.16	1.14	360.0
	150	2.39	0.86	360.0	151	2.61	0.94	360.0	152	3.02	1.09	360.0
	153	3.39	1.22	360.0	154	2.58	0.93	360.0	155	2.78	1.00	360.0
	156	3.18	1.14	360.0	157	3.42	1.23	360.0	158	2.72	0.98	360.0
	159	2.98	1.07	360.0	160	3.27	1.18	360.0	161	3.50	1.26	360.0
	162	2.90	1.04	360.0	163	3.21	1.16	360.0	164	3.38	1.22	360.0
	165	3.63	1.31	360.0	166	3.05	1.10	360.0	167	3.14	1.13	360.0
	168	3.49	1.26	360.0	169	3.55	1.28	360.0	214	0.56	0.05	85.0
	215	0.54	0.05	85.0	218	0.19	0.03	158.9	219	0.12	0.02	158.9
	228	0.33	0.06	190.0	229	0.18	0.03	190.0	230	0.23	0.04	190.0
	231	0.28	0.05	190.0	232	0.29	0.06	190.0	233	0.27	0.05	190.0
	234	0.35	0.07	190.0	235	0.31	0.06	190.0	238	0.18	0.01	73.9
	239	0.074.87e-03		73.9	240	0.07	0.02	265.9	241	0.09	0.02	265.9
	250	0.06	0.02	284.9	251	0.09	0.02	284.9	252	1.64	0.53	319.7
	253	1.65	0.53	319.7	254	1.60	0.51	319.7	255	1.69	0.54	319.7
	273	0.35	0.03	94.9	274	0.37	0.04	94.9	276	0.048.80e-03		203.3
	277	0.012.78e-03		203.3	280	0.12	0.03	231.3	281	0.05	0.01	231.3
92	1	1.60	0.43	270.0	2	2.07	0.56	270.0	3	1.64	0.44	270.0
	4	1.97	0.53	270.0	5	1.55	0.42	270.0	6	1.67	0.45	270.0
	7	1.84	0.50	270.0	8	2.16	0.58	270.0	9	1.54	0.42	270.0
	10	1.48	0.40	270.0	11	1.64	0.44	270.0	12	1.77	0.48	270.0
	13	1.41	0.38	270.0	14	1.99	0.54	270.0	15	1.70	0.46	270.0
	16	1.35	0.36	270.0	17	1.39	0.38	270.0	18	1.45	0.39	270.0
	19	1.87	0.51	270.0	20	1.97	0.53	270.0	21	1.32	0.36	270.0
	22	1.36	0.37	270.0	23	1.43	0.39	270.0	24	1.94	0.52	270.0
	25	1.66	0.45	270.0	26	1.84	0.50	270.0	27	1.97	0.53	270.0
	28	1.21	0.33	270.0	29	1.25	0.34	270.0	30	1.32	0.36	270.0
	31	1.69	0.46	270.0	32	1.57	0.42	270.0	33	1.69	0.46	270.0
	34	1.87	0.50	270.0	35	1.20	0.32	270.0	36	1.24	0.33	270.0
	37	1.31	0.35	270.0	38	1.40	0.38	270.0	39	1.57	0.42	270.0

	40	1.81	0.49	270.0	41	1.67	0.45	270.0	42	1.41	0.38	270.0
	43	1.20	0.32	270.0	44	1.33	0.36	270.0	45	1.55	0.42	270.0
	46	1.84	0.50	270.0	47	1.25	0.34	270.0	48	1.68	0.45	270.0
	49	1.21	0.33	270.0	50	1.37	0.37	270.0	51	1.55	0.42	270.0
	52	1.89	0.51	270.0	53	1.25	0.34	270.0	54	1.30	0.35	270.0
	55	1.66	0.45	270.0	56	1.77	0.48	270.0	134	2.79	1.00	360.0
	135	3.33	1.20	360.0	136	2.88	1.04	360.0	137	3.21	1.16	360.0
	138	2.64	0.95	360.0	139	2.95	1.06	360.0	140	3.13	1.13	360.0
	141	3.42	1.23	360.0	142	2.72	0.98	360.0	143	3.03	1.09	360.0
	144	2.43	0.88	360.0	145	3.23	1.16	360.0	146	2.34	0.84	360.0
	147	2.56	0.92	360.0	148	2.75	0.99	360.0	149	3.21	1.16	360.0
	150	2.06	0.74	360.0	151	2.27	0.82	360.0	152	2.60	0.94	360.0
	153	3.03	1.09	360.0	154	2.02	0.73	360.0	155	2.22	0.80	360.0
	156	2.55	0.92	360.0	157	2.92	1.05	360.0	158	1.99	0.72	360.0
	159	2.24	0.81	360.0	160	2.50	0.90	360.0	161	3.00	1.08	360.0
	162	1.99	0.72	360.0	163	2.30	0.83	360.0	164	2.48	0.89	360.0
	165	3.08	1.11	360.0	166	2.08	0.75	360.0	167	2.18	0.79	360.0
	168	2.66	0.96	360.0	169	2.89	1.04	360.0	214	0.40	0.03	85.0
	215	0.41	0.03	85.0	218	0.15	0.02	158.9	219	0.19	0.03	158.9
	228	0.20	0.04	190.0	229	0.25	0.05	190.0	230	0.32	0.06	190.0
	231	0.31	0.06	190.0	232	0.33	0.06	190.0	233	0.34	0.06	190.0
	234	0.29	0.06	190.0	235	0.30	0.06	190.0	238	0.117.82e-03		73.9
	239	0.117.86e-03		73.9	240	0.025.48e-03		265.9	241	0.09	0.02	265.9
	250	0.09	0.02	284.9	251	0.11	0.03	284.9	252	1.46	0.47	319.7
	253	1.58	0.50	319.7	254	1.83	0.58	319.7	255	1.62	0.52	319.7
	273	0.30	0.03	94.9	274	0.109.92e-03		94.9	276	0.049.09e-03		203.3
	277	0.048.95e-03		203.3	280	0.13	0.03	231.3	281	0.025.68e-03		231.3
93	1	1.64	0.44	270.0	2	1.42	0.38	270.0	3	1.58	0.43	270.0
	4	1.43	0.39	270.0	5	1.70	0.46	270.0	6	1.52	0.41	270.0
	7	1.46	0.39	270.0	8	1.43	0.39	270.0	9	1.56	0.42	270.0
	10	1.62	0.44	270.0	11	1.50	0.40	270.0	12	1.47	0.40	270.0
	13	1.70	0.46	270.0	14	1.45	0.39	270.0	15	1.72	0.47	270.0
	16	1.73	0.47	270.0	17	1.64	0.44	270.0	18	1.59	0.43	270.0
	19	1.51	0.41	270.0	20	1.48	0.40	270.0	21	1.75	0.47	270.0
	22	1.64	0.44	270.0	23	1.59	0.43	270.0	24	1.98	0.54	270.0
	25	1.50	0.41	270.0	26	1.47	0.40	270.0	27	1.47	0.40	270.0
	28	1.78	0.48	270.0	29	1.69	0.46	270.0	30	1.65	0.44	270.0
	31	1.79	0.48	270.0	32	1.56	0.42	270.0	33	1.54	0.41	270.0
	34	1.53	0.41	270.0	35	1.82	0.49	270.0	36	1.79	0.48	270.0
	37	1.70	0.46	270.0	38	1.60	0.43	270.0	39	1.61	0.44	270.0
	40	1.58	0.43	270.0	41	1.59	0.43	270.0	42	1.67	0.45	270.0
	43	1.88	0.51	270.0	44	1.75	0.47	270.0	45	1.69	0.46	270.0
	46	1.64	0.44	270.0	47	1.81	0.49	270.0	48	1.66	0.45	270.0
	49	1.95	0.53	270.0	50	1.80	0.49	270.0	51	1.78	0.48	270.0
	52	1.71	0.46	270.0	53	1.91	0.52	270.0	54	1.86	0.50	270.0
	55	1.76	0.48	270.0	56	1.74	0.47	270.0	134	2.77	1.00	360.0
	135	2.38	0.86	360.0	136	2.67	0.96	360.0	137	2.40	0.86	360.0
	138	2.88	1.04	360.0	139	2.58	0.93	360.0	140	2.45	0.88	360.0
	141	2.38	0.86	360.0	142	2.64	0.95	360.0	143	2.46	0.89	360.0
	144	2.88	1.04	360.0	145	2.44	0.88	360.0	146	2.94	1.06	360.0
	147	2.71	0.98	360.0	148	2.52	0.91	360.0	149	2.48	0.89	360.0
	150	3.05	1.10	360.0	151	2.88	1.04	360.0	152	2.70	0.97	360.0
	153	2.63	0.95	360.0	154	3.07	1.11	360.0	155	2.98	1.07	360.0
	156	2.80	1.01	360.0	157	2.72	0.98	360.0	158	3.14	1.13	360.0
	159	3.05	1.10	360.0	160	2.92	1.05	360.0	161	2.80	1.01	360.0
	162	3.21	1.16	360.0	163	3.13	1.13	360.0	164	3.06	1.10	360.0
	165	2.90	1.04	360.0	166	3.20	1.15	360.0	167	3.17	1.14	360.0
	168	3.02	1.09	360.0	169	2.98	1.07	360.0	214	0.47	0.04	85.0
	215	0.53	0.04	85.0	218	0.10	0.02	158.9	219	0.18	0.03	158.9
	228	0.22	0.04	190.0	229	0.22	0.04	190.0	230	0.26	0.05	190.0
	231	0.26	0.05	190.0	232	0.24	0.04	190.0	233	0.29	0.05	190.0
	234	0.26	0.05	190.0	235	0.34	0.06	190.0	238	0.064.24e-03		73.9
	239	0.139.97e-03		73.9	240	0.08	0.02	265.9	241	0.07	0.02	265.9
	250	0.07	0.02	284.9	251	0.05	0.01	284.9	252	1.54	0.49	319.7
	253	1.47	0.47	319.7	254	1.57	0.50	319.7	255	1.44	0.46	319.7
	273	0.22	0.02	94.9	274	0.31	0.03	94.9	276	0.024.30e-03		203.3
	277	0.036.90e-03		203.3	280	0.08	0.02	231.3	281	0.11	0.03	231.3
94	1	2.19	0.59	270.0	2	1.63	0.44	270.0	3	2.06	0.56	270.0
	4	1.70	0.46	270.0	5	2.29	0.62	270.0	6	1.92	0.52	270.0
	7	1.74	0.47	270.0	8	1.54	0.42	270.0	9	1.84	0.50	270.0
	10	1.97	0.53	270.0	11	1.68	0.45	270.0	12	1.58	0.43	270.0
	13	2.10	0.57	270.0	14	1.37	0.37	270.0	15	1.80	0.49	270.0
	16	2.08	0.56	270.0	17	1.87	0.51	270.0	18	1.74	0.47	270.0
	19	1.51	0.41	270.0	20	1.28	0.34	270.0	21	2.06	0.56	270.0
	22	1.82	0.49	270.0	23	1.69	0.46	270.0	24	1.90	0.51	270.0
	25	1.41	0.38	270.0	26	1.26	0.34	270.0	27	1.19	0.32	270.0

	28	1.99	0.54	270.0	29	1.77	0.48	270.0	30	1.64	0.44	270.0
	31	1.65	0.44	270.0	32	1.34	0.36	270.0	33	1.23	0.33	270.0
	34	1.12	0.30	270.0	35	1.92	0.52	270.0	36	1.78	0.48	270.0
	37	1.62	0.44	270.0	38	1.41	0.38	270.0	39	1.29	0.35	270.0
	40	1.10	0.30	270.0	41	1.18	0.32	270.0	42	1.42	0.38	270.0
	43	1.95	0.53	270.0	44	1.58	0.43	270.0	45	1.31	0.35	270.0
	46	1.07	0.29	270.0	47	1.76	0.48	270.0	48	1.18	0.32	270.0
	49	2.00	0.54	270.0	50	1.56	0.42	270.0	51	1.36	0.37	270.0
	52	1.06	0.29	270.0	53	1.85	0.50	270.0	54	1.71	0.46	270.0
	55	1.25	0.34	270.0	56	1.16	0.31	270.0	134	3.56	1.28	360.0
	135	2.73	0.98	360.0	136	3.42	1.23	360.0	137	2.86	1.03	360.0
	138	3.66	1.32	360.0	139	3.26	1.18	360.0	140	2.95	1.06	360.0
	141	2.54	0.91	360.0	142	3.15	1.13	360.0	143	2.69	0.97	360.0
	144	3.43	1.24	360.0	145	2.27	0.82	360.0	146	3.41	1.23	360.0
	147	2.96	1.07	360.0	148	2.44	0.88	360.0	149	2.10	0.75	360.0
	150	3.28	1.18	360.0	151	2.75	0.99	360.0	152	2.23	0.80	360.0
	153	1.86	0.67	360.0	154	3.14	1.13	360.0	155	2.69	0.97	360.0
	156	2.16	0.78	360.0	157	1.82	0.65	360.0	158	3.19	1.15	360.0
	159	2.63	0.95	360.0	160	2.19	0.79	360.0	161	1.76	0.63	360.0
	162	3.27	1.18	360.0	163	2.60	0.94	360.0	164	2.25	0.81	360.0
	165	1.74	0.63	360.0	166	3.04	1.10	360.0	167	2.82	1.01	360.0
	168	2.08	0.75	360.0	169	1.91	0.69	360.0	214	0.45	0.04	85.0
	215	0.38	0.03	85.0	218	0.20	0.03	158.9	219	0.14	0.02	158.9
	228	0.23	0.04	190.0	229	0.30	0.06	190.0	230	0.35	0.07	190.0
	231	0.28	0.05	190.0	232	0.37	0.07	190.0	233	0.31	0.06	190.0
	234	0.34	0.06	190.0	235	0.28	0.05	190.0	238	0.117.89e-03		73.9
	239	0.107.55e-03		73.9	240	0.08	0.02	265.9	241	0.013.41e-03		265.9
	250	0.11	0.03	284.9	251	0.08	0.02	284.9	252	1.77	0.57	319.7
	253	1.06	0.34	319.7	254	1.78	0.57	319.7	255	1.34	0.43	319.7
	273	0.30	0.03	94.9	274	0.28	0.03	94.9	276	0.05	0.01	203.3
	277	0.047.47e-03		203.3	280	0.09	0.02	231.3	281	0.13	0.03	231.3
95	1	2.16	0.58	270.0	2	1.58	0.43	270.0	3	2.04	0.55	270.0
	4	1.65	0.45	270.0	5	2.27	0.61	270.0	6	1.89	0.51	270.0
	7	1.70	0.46	270.0	8	1.48	0.40	270.0	9	1.82	0.49	270.0
	10	1.95	0.53	270.0	11	1.66	0.45	270.0	12	1.55	0.42	270.0
	13	2.08	0.56	270.0	14	1.32	0.36	270.0	15	1.78	0.48	270.0
	16	2.06	0.56	270.0	17	1.86	0.50	270.0	18	1.73	0.47	270.0
	19	1.63	0.44	270.0	20	1.22	0.33	270.0	21	2.05	0.55	270.0
	22	1.82	0.49	270.0	23	1.69	0.46	270.0	24	1.89	0.51	270.0
	25	1.38	0.37	270.0	26	1.22	0.33	270.0	27	1.14	0.31	270.0
	28	1.98	0.54	270.0	29	1.77	0.48	270.0	30	1.64	0.44	270.0
	31	1.65	0.45	270.0	32	1.32	0.36	270.0	33	1.22	0.33	270.0
	34	1.09	0.29	270.0	35	1.92	0.52	270.0	36	1.78	0.48	270.0
	37	1.63	0.44	270.0	38	1.41	0.38	270.0	39	1.30	0.35	270.0
	40	1.10	0.30	270.0	41	1.19	0.32	270.0	42	1.43	0.39	270.0
	43	1.95	0.53	270.0	44	1.61	0.43	270.0	45	1.33	0.36	270.0
	46	1.08	0.29	270.0	47	1.77	0.48	270.0	48	1.19	0.32	270.0
	49	2.01	0.54	270.0	50	1.60	0.43	270.0	51	1.39	0.38	270.0
	52	1.09	0.29	270.0	53	1.86	0.50	270.0	54	1.72	0.47	270.0
	55	1.28	0.35	270.0	56	1.18	0.32	270.0	134	3.59	1.29	360.0
	135	2.64	0.95	360.0	136	3.41	1.23	360.0	137	2.73	0.98	360.0
	138	3.73	1.34	360.0	139	3.19	1.15	360.0	140	2.79	1.01	360.0
	141	2.49	0.90	360.0	142	3.08	1.11	360.0	143	2.61	0.94	360.0
	144	3.46	1.24	360.0	145	2.29	0.82	360.0	146	3.44	1.24	360.0
	147	2.94	1.06	360.0	148	2.34	0.84	360.0	149	2.16	0.78	360.0
	150	3.31	1.19	360.0	151	2.82	1.02	360.0	152	2.32	0.84	360.0
	153	1.93	0.70	360.0	154	3.18	1.15	360.0	155	2.80	1.01	360.0
	156	2.28	0.82	360.0	157	1.89	0.68	360.0	158	3.23	1.16	360.0
	159	2.78	1.00	360.0	160	2.35	0.85	360.0	161	1.83	0.66	360.0
	162	3.29	1.19	360.0	163	2.78	1.00	360.0	164	2.46	0.89	360.0
	165	1.82	0.66	360.0	166	3.11	1.12	360.0	167	2.93	1.06	360.0
	168	2.24	0.81	360.0	169	2.03	0.73	360.0	214	0.35	0.03	85.0
	215	0.30	0.03	85.0	218	0.11	0.02	158.9	219	0.057.72e-03		158.9
	228	0.25	0.05	190.0	229	0.25	0.05	190.0	230	0.29	0.06	190.0
	231	0.25	0.05	190.0	232	0.26	0.05	190.0	233	0.19	0.04	190.0
	234	0.21	0.04	190.0	235	0.16	0.03	190.0	238	0.086.06e-03		73.9
	239	0.064.36e-03		73.9	240	0.09	0.02	265.9	241	0.10	0.03	265.9
	250	0.037.46e-03		284.9	251	0.013.99e-03		284.9	252	1.83	0.58	319.7
	253	1.17	0.37	319.7	254	1.77	0.57	319.7	255	1.28	0.41	319.7
	273	0.12	0.01	94.9	274	0.076.92e-03		94.9	276	0.024.39e-03		203.3
	277	0.035.63e-03		203.3	280	0.11	0.03	231.3	281	0.06	0.01	231.3
96	1	1.63	0.44	270.0	2	1.42	0.38	270.0	3	1.57	0.42	270.0
	4	1.43	0.38	270.0	5	1.70	0.46	270.0	6	1.52	0.41	270.0
	7	1.45	0.39	270.0	8	1.44	0.39	270.0	9	1.54	0.41	270.0
	10	1.60	0.43	270.0	11	1.48	0.40	270.0	12	1.45	0.39	270.0
	13	1.69	0.46	270.0	14	1.44	0.39	270.0	15	1.69	0.46	270.0

	16	1.72	0.46	270.0	17	1.62	0.44	270.0	18	1.56	0.42	270.0
	19	1.58	0.43	270.0	20	1.46	0.39	270.0	21	1.73	0.47	270.0
	22	1.62	0.44	270.0	23	1.56	0.42	270.0	24	1.97	0.53	270.0
	25	1.47	0.40	270.0	26	1.45	0.39	270.0	27	1.45	0.39	270.0
	28	1.77	0.48	270.0	29	1.67	0.45	270.0	30	1.62	0.44	270.0
	31	1.77	0.48	270.0	32	1.52	0.41	270.0	33	1.50	0.40	270.0
	34	1.49	0.40	270.0	35	1.79	0.48	270.0	36	1.77	0.48	270.0
	37	1.66	0.45	270.0	38	1.57	0.43	270.0	39	1.58	0.43	270.0
	40	1.54	0.42	270.0	41	1.55	0.42	270.0	42	1.64	0.44	270.0
	43	1.86	0.50	270.0	44	1.71	0.46	270.0	45	1.64	0.44	270.0
	46	1.60	0.43	270.0	47	1.79	0.48	270.0	48	1.62	0.44	270.0
	49	1.94	0.52	270.0	50	1.76	0.47	270.0	51	1.72	0.46	270.0
	52	1.66	0.45	270.0	53	1.89	0.51	270.0	54	1.83	0.49	270.0
	55	1.71	0.46	270.0	56	1.69	0.46	270.0	134	2.77	1.00	360.0
	135	2.33	0.84	360.0	136	2.72	0.98	360.0	137	2.40	0.87	360.0
	138	2.82	1.01	360.0	139	2.69	0.97	360.0	140	2.51	0.90	360.0
	141	2.27	0.82	360.0	142	2.69	0.97	360.0	143	2.48	0.89	360.0
	144	2.82	1.01	360.0	145	2.35	0.85	360.0	146	2.87	1.03	360.0
	147	2.69	0.97	360.0	148	2.44	0.88	360.0	149	2.38	0.86	360.0
	150	2.98	1.07	360.0	151	2.78	1.00	360.0	152	2.60	0.94	360.0
	153	2.55	0.92	360.0	154	3.01	1.09	360.0	155	2.86	1.03	360.0
	156	2.67	0.96	360.0	157	2.63	0.95	360.0	158	3.10	1.12	360.0
	159	2.92	1.05	360.0	160	2.75	0.99	360.0	161	2.70	0.97	360.0
	162	3.21	1.16	360.0	163	3.00	1.08	360.0	164	2.84	1.02	360.0
	165	2.79	1.00	360.0	166	3.17	1.14	360.0	167	3.10	1.12	360.0
	168	2.83	1.02	360.0	169	2.82	1.02	360.0	214	0.52	0.04	85.0
	215	0.60	0.05	85.0	218	0.21	0.03	158.9	219	0.21	0.03	158.9
	228	0.23	0.04	190.0	229	0.25	0.05	190.0	230	0.33	0.06	190.0
	231	0.29	0.06	190.0	232	0.37	0.07	190.0	233	0.37	0.07	190.0
	234	0.36	0.07	190.0	235	0.41	0.08	190.0	238	0.14	0.01	73.9
	239	0.129.13e-03		73.9	240	0.037.87e-03		265.9	241	0.06	0.02	265.9
	250	0.11	0.03	284.9	251	0.12	0.03	284.9	252	1.49	0.48	319.7
	253	1.36	0.44	319.7	254	1.58	0.51	319.7	255	1.47	0.47	319.7
	273	0.40	0.04	94.9	274	0.37	0.04	94.9	276	0.06	0.01	203.3
	277	0.036.04e-03		203.3	280	0.13	0.03	231.3	281	0.10	0.02	231.3
97	1	1.77	0.48	270.0	2	1.26	0.34	270.0	3	1.66	0.45	270.0
	4	1.32	0.36	270.0	5	1.88	0.51	270.0	6	1.57	0.42	270.0
	7	1.38	0.37	270.0	8	1.21	0.33	270.0	9	1.61	0.43	270.0
	10	1.71	0.46	270.0	11	1.48	0.40	270.0	12	1.38	0.37	270.0
	13	1.85	0.50	270.0	14	1.27	0.34	270.0	15	1.64	0.44	270.0
	16	1.89	0.51	270.0	17	1.74	0.47	270.0	18	1.64	0.44	270.0
	19	1.43	0.39	270.0	20	1.29	0.35	270.0	21	1.92	0.52	270.0
	22	1.74	0.47	270.0	23	1.65	0.45	270.0	24	1.97	0.53	270.0
	25	1.43	0.39	270.0	26	1.34	0.36	270.0	27	1.30	0.35	270.0
	28	1.95	0.53	270.0	29	1.81	0.49	270.0	30	1.72	0.46	270.0
	31	1.85	0.50	270.0	32	1.50	0.41	270.0	33	1.45	0.39	270.0
	34	1.39	0.37	270.0	35	1.99	0.54	270.0	36	1.91	0.52	270.0
	37	1.79	0.48	270.0	38	1.64	0.44	270.0	39	1.60	0.43	270.0
	40	1.49	0.40	270.0	41	1.53	0.41	270.0	42	1.72	0.46	270.0
	43	2.08	0.56	270.0	44	1.85	0.50	270.0	45	1.71	0.46	270.0
	46	1.56	0.42	270.0	47	1.96	0.53	270.0	48	1.63	0.44	270.0
	49	2.17	0.59	270.0	50	1.91	0.52	270.0	51	1.84	0.50	270.0
	52	1.65	0.45	270.0	53	2.10	0.57	270.0	54	2.01	0.54	270.0
	55	1.80	0.49	270.0	56	1.73	0.47	270.0	134	2.96	1.07	360.0
	135	2.15	0.77	360.0	136	2.80	1.01	360.0	137	2.22	0.80	360.0
	138	3.13	1.13	360.0	139	2.64	0.95	360.0	140	2.37	0.85	360.0
	141	2.09	0.75	360.0	142	2.72	0.98	360.0	143	2.37	0.85	360.0
	144	3.10	1.12	360.0	145	2.18	0.79	360.0	146	3.19	1.15	360.0
	147	2.80	1.01	360.0	148	2.40	0.86	360.0	149	2.22	0.80	360.0
	150	3.32	1.20	360.0	151	3.01	1.08	360.0	152	2.63	0.95	360.0
	153	2.42	0.87	360.0	154	3.35	1.20	360.0	155	3.14	1.13	360.0
	156	2.76	0.99	360.0	157	2.58	0.93	360.0	158	3.45	1.24	360.0
	159	3.22	1.16	360.0	160	2.93	1.06	360.0	161	2.72	0.98	360.0
	162	3.56	1.28	360.0	163	3.31	1.19	360.0	164	3.11	1.12	360.0
	165	2.85	1.03	360.0	166	3.49	1.26	360.0	167	3.41	1.23	360.0
	168	3.04	1.09	360.0	169	2.99	1.07	360.0	214	0.50	0.04	85.0
	215	0.54	0.05	85.0	218	0.11	0.02	158.9	219	0.18	0.03	158.9
	228	0.12	0.02	190.0	229	0.23	0.04	190.0	230	0.28	0.05	190.0
	231	0.26	0.05	190.0	232	0.26	0.05	190.0	233	0.28	0.05	190.0
	234	0.28	0.05	190.0	235	0.34	0.06	190.0	238	0.075.12e-03		73.9
	239	0.15	0.01	73.9	240	0.09	0.02	265.9	241	0.07	0.02	265.9
	250	0.08	0.02	284.9	251	0.06	0.02	284.9	252	1.68	0.54	319.7
	253	1.34	0.43	319.7	254	1.72	0.55	319.7	255	1.30	0.42	319.7
	273	0.24	0.02	94.9	274	0.34	0.03	94.9	276	0.024.76e-03		203.3
	277	0.047.26e-03		203.3	280	0.08	0.02	231.3	281	0.17	0.04	231.3
98	1	2.00	0.54	270.0	2	1.65	0.45	270.0	3	1.91	0.52	270.0

	4	1.69	0.46	270.0	5	2.07	0.56	270.0	6	1.81	0.49	270.0
	7	1.71	0.46	270.0	8	1.61	0.43	270.0	9	1.75	0.47	270.0
	10	1.84	0.50	270.0	11	1.65	0.44	270.0	12	1.60	0.43	270.0
	13	1.93	0.52	270.0	14	1.49	0.40	270.0	15	1.71	0.46	270.0
	16	1.91	0.51	270.0	17	1.77	0.48	270.0	18	1.67	0.45	270.0
	19	1.55	0.42	270.0	20	1.42	0.38	270.0	21	1.89	0.51	270.0
	22	1.72	0.47	270.0	23	1.63	0.44	270.0	24	1.90	0.51	270.0
	25	1.48	0.40	270.0	26	1.39	0.38	270.0	27	1.36	0.37	270.0
	28	1.83	0.49	270.0	29	1.68	0.45	270.0	30	1.59	0.43	270.0
	31	1.72	0.46	270.0	32	1.42	0.38	270.0	33	1.35	0.37	270.0
	34	1.30	0.35	270.0	35	1.77	0.48	270.0	36	1.70	0.46	270.0
	37	1.56	0.42	270.0	38	1.43	0.39	270.0	39	1.35	0.37	270.0
	40	1.27	0.34	270.0	41	1.31	0.35	270.0	42	1.43	0.39	270.0
	43	1.79	0.48	270.0	44	1.53	0.41	270.0	45	1.36	0.37	270.0
	46	1.24	0.34	270.0	47	1.65	0.45	270.0	48	1.30	0.35	270.0
	49	1.82	0.49	270.0	50	1.51	0.41	270.0	51	1.38	0.37	270.0
	52	1.23	0.33	270.0	53	1.71	0.46	270.0	54	1.61	0.43	270.0
	55	1.31	0.35	270.0	56	1.27	0.34	270.0	134	3.28	1.18	360.0
	135	2.76	0.99	360.0	136	3.20	1.15	360.0	137	2.86	1.03	360.0
	138	3.34	1.20	360.0	139	3.11	1.12	360.0	140	2.89	1.04	360.0
	141	2.62	0.94	360.0	142	3.01	1.08	360.0	143	2.69	0.97	360.0
	144	3.18	1.14	360.0	145	2.43	0.88	360.0	146	3.16	1.14	360.0
	147	2.86	1.03	360.0	148	2.54	0.91	360.0	149	2.31	0.83	360.0
	150	3.04	1.10	360.0	151	2.67	0.96	360.0	152	2.36	0.85	360.0
	153	2.14	0.77	360.0	154	2.92	1.05	360.0	155	2.61	0.94	360.0
	156	2.30	0.83	360.0	157	2.09	0.75	360.0	158	2.94	1.06	360.0
	159	2.55	0.92	360.0	160	2.31	0.83	360.0	161	2.00	0.72	360.0
	162	2.99	1.08	360.0	163	2.52	0.91	360.0	164	2.34	0.84	360.0
	165	1.97	0.71	360.0	166	2.82	1.02	360.0	167	2.66	0.96	360.0
	168	2.22	0.80	360.0	169	2.06	0.74	360.0	214	0.45	0.04	85.0
	215	0.41	0.04	85.0	218	0.20	0.03	158.9	219	0.15	0.02	158.9
	228	0.32	0.06	190.0	229	0.28	0.05	190.0	230	0.33	0.06	190.0
	231	0.28	0.05	190.0	232	0.36	0.07	190.0	233	0.33	0.06	190.0
	234	0.33	0.06	190.0	235	0.31	0.06	190.0	238	0.118.20e-03		73.9
	239	0.107.65e-03		73.9	240	0.08	0.02	265.9	241	0.024.53e-03		265.9
	250	0.11	0.03	284.9	251	0.09	0.02	284.9	252	1.63	0.52	319.7
	253	1.19	0.38	319.7	254	1.63	0.52	319.7	255	1.45	0.46	319.7
	273	0.30	0.03	94.9	274	0.47	0.04	94.9	276	0.059.70e-03		203.3
	277	0.036.77e-03		203.3	280	0.09	0.02	231.3	281	0.19	0.05	231.3
99	1	1.98	0.53	270.0	2	1.61	0.43	270.0	3	1.89	0.51	270.0
	4	1.65	0.45	270.0	5	2.05	0.55	270.0	6	1.78	0.48	270.0
	7	1.67	0.45	270.0	8	1.55	0.42	270.0	9	1.73	0.47	270.0
	10	1.82	0.49	270.0	11	1.62	0.44	270.0	12	1.57	0.42	270.0
	13	1.91	0.52	270.0	14	1.44	0.39	270.0	15	1.70	0.46	270.0
	16	1.89	0.51	270.0	17	1.75	0.47	270.0	18	1.66	0.45	270.0
	19	1.67	0.45	270.0	20	1.37	0.37	270.0	21	1.88	0.51	270.0
	22	1.72	0.46	270.0	23	1.63	0.44	270.0	24	1.90	0.51	270.0
	25	1.45	0.39	270.0	26	1.36	0.37	270.0	27	1.32	0.36	270.0
	28	1.82	0.49	270.0	29	1.68	0.45	270.0	30	1.59	0.43	270.0
	31	1.72	0.46	270.0	32	1.40	0.38	270.0	33	1.34	0.36	270.0
	34	1.27	0.34	270.0	35	1.77	0.48	270.0	36	1.70	0.46	270.0
	37	1.57	0.42	270.0	38	1.43	0.39	270.0	39	1.36	0.37	270.0
	40	1.26	0.34	270.0	41	1.31	0.35	270.0	42	1.44	0.39	270.0
	43	1.79	0.48	270.0	44	1.55	0.42	270.0	45	1.37	0.37	270.0
	46	1.25	0.34	270.0	47	1.66	0.45	270.0	48	1.30	0.35	270.0
	49	1.82	0.49	270.0	50	1.54	0.42	270.0	51	1.40	0.38	270.0
	52	1.25	0.34	270.0	53	1.72	0.46	270.0	54	1.62	0.44	270.0
	55	1.33	0.36	270.0	56	1.29	0.35	270.0	134	3.31	1.19	360.0
		135	2.68	0.97	360.0	136	3.19	1.15	360.0	137	2.74	0.99
	138	3.41	1.23	360.0	139	3.03	1.09	360.0	140	2.74	0.99	360.0
	141	2.60	0.94	360.0	142	2.95	1.06	360.0	143	2.61	0.94	360.0
	144	3.20	1.15	360.0	145	2.46	0.89	360.0	146	3.18	1.15	360.0
	147	2.84	1.02	360.0	148	2.45	0.88	360.0	149	2.38	0.86	360.0
	150	3.07	1.11	360.0	151	2.74	0.99	360.0	152	2.45	0.88	360.0
	153	2.22	0.80	360.0	154	2.96	1.07	360.0	155	2.71	0.98	360.0
	156	2.42	0.87	360.0	157	2.17	0.78	360.0	158	2.98	1.07	360.0
	159	2.70	0.97	360.0	160	2.46	0.89	360.0	161	2.06	0.74	360.0
	162	3.02	1.09	360.0	163	2.70	0.97	360.0	164	2.54	0.91	360.0
	165	2.04	0.73	360.0	166	2.90	1.04	360.0	167	2.79	1.00	360.0
	168	2.37	0.85	360.0	169	2.17	0.78	360.0	214	0.35	0.03	85.0
	215	0.33	0.03	85.0	218	0.11	0.02	158.9	219	0.057.93e-03		158.9
	228	0.33	0.06	190.0	229	0.23	0.04	190.0	230	0.27	0.05	190.0
	231	0.25	0.05	190.0	232	0.25	0.05	190.0	233	0.21	0.04	190.0
	234	0.21	0.04	190.0	235	0.19	0.04	190.0	238	0.107.26e-03		73.9
	239	0.053.52e-03		73.9	240	0.08	0.02	265.9	241	0.10	0.03	265.9
	250	0.025.84e-03		284.9	251	0.025.28e-03		284.9	252	1.69	0.54	319.7

100	253	1.30	0.42	319.7	254	1.63	0.52	319.7	255	1.41	0.45	319.7
	273	0.13	0.01	94.9	274	0.26	0.02	94.9	276	0.02	4.90e-03	203.3
	277	0.03	5.26e-03	203.3	280	0.11	0.03	231.3	281	0.01	2.88e-03	231.3
	1	1.76	0.48	270.0	2	1.27	0.34	270.0	3	1.66	0.45	270.0
	4	1.32	0.36	270.0	5	1.88	0.51	270.0	6	1.56	0.42	270.0
	7	1.38	0.37	270.0	8	1.23	0.33	270.0	9	1.59	0.43	270.0
	10	1.70	0.46	270.0	11	1.46	0.39	270.0	12	1.36	0.37	270.0
	13	1.84	0.50	270.0	14	1.26	0.34	270.0	15	1.61	0.43	270.0
	16	1.88	0.51	270.0	17	1.72	0.46	270.0	18	1.61	0.44	270.0
	19	1.50	0.40	270.0	20	1.27	0.34	270.0	21	1.91	0.51	270.0
	22	1.72	0.47	270.0	23	1.63	0.44	270.0	24	1.96	0.53	270.0
	25	1.40	0.38	270.0	26	1.31	0.35	270.0	27	1.27	0.34	270.0
	28	1.94	0.52	270.0	29	1.78	0.48	270.0	30	1.69	0.46	270.0
	31	1.84	0.50	270.0	32	1.47	0.40	270.0	33	1.40	0.38	270.0
	34	1.35	0.36	270.0	35	1.97	0.53	270.0	36	1.88	0.51	270.0
	37	1.76	0.47	270.0	38	1.61	0.43	270.0	39	1.56	0.42	270.0
	40	1.44	0.39	270.0	41	1.48	0.40	270.0	42	1.68	0.45	270.0
	43	2.06	0.56	270.0	44	1.81	0.49	270.0	45	1.66	0.45	270.0
	46	1.51	0.41	270.0	47	1.94	0.52	270.0	48	1.58	0.43	270.0
	49	2.16	0.58	270.0	50	1.87	0.51	270.0	51	1.78	0.48	270.0
	52	1.60	0.43	270.0	53	2.08	0.56	270.0	54	1.98	0.54	270.0
	55	1.74	0.47	270.0	56	1.67	0.45	270.0	134	2.95	1.06	360.0
	135	2.11	0.76	360.0	136	2.84	1.02	360.0	137	2.24	0.81	360.0
	138	3.07	1.11	360.0	139	2.75	0.99	360.0	140	2.44	0.88	360.0
	141	1.98	0.71	360.0	142	2.77	1.00	360.0	143	2.39	0.86	360.0
	144	3.04	1.10	360.0	145	2.09	0.75	360.0	146	3.12	1.12	360.0
	147	2.78	1.00	360.0	148	2.32	0.84	360.0	149	2.13	0.77	360.0
	150	3.25	1.17	360.0	151	2.90	1.04	360.0	152	2.54	0.91	360.0
	153	2.34	0.84	360.0	154	3.29	1.18	360.0	155	3.02	1.09	360.0
	156	2.64	0.95	360.0	157	2.49	0.90	360.0	158	3.41	1.23	360.0
	159	3.09	1.11	360.0	160	2.76	0.99	360.0	161	2.62	0.94	360.0
	162	3.55	1.28	360.0	163	3.19	1.15	360.0	164	2.89	1.04	360.0
	165	2.73	0.98	360.0	166	3.46	1.25	360.0	167	3.34	1.20	360.0
	168	2.85	1.03	360.0	169	2.83	1.02	360.0	214	0.54	0.05	85.0
	215	0.61	0.05	85.0	218	0.22	0.03	158.9	219	0.21	0.03	158.9
	228	0.14	0.03	190.0	229	0.27	0.05	190.0	230	0.35	0.07	190.0
	231	0.29	0.06	190.0	232	0.39	0.07	190.0	233	0.36	0.07	190.0
	234	0.38	0.07	190.0	235	0.40	0.08	190.0	238	0.15	0.01	73.9
	239	0.14	0.01	73.9	240	0.03	9.08e-03	265.9	241	0.06	0.02	265.9
	250	0.12	0.03	284.9	251	0.12	0.03	284.9	252	1.63	0.52	319.7
	253	1.23	0.39	319.7	254	1.73	0.55	319.7	255	1.34	0.43	319.7
	273	0.42	0.04	94.9	274	0.28	0.03	94.9	276	0.07	0.01	203.3
	277	0.03	6.89e-03	203.3	280	0.13	0.03	231.3	281	0.06	0.01	231.3

Cmb 1000 etaT/h
5.98

15. RISULTATI NODALI

LEGENDA RISULTATI NODALI

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

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	CDC	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	2	0.0	0.0	0.0	0.0	0.0	0.0
1	3	0.0	0.0	0.0	0.0	0.0	0.0
1	4	0.0	0.0	0.0	0.0	0.0	0.0
1	5	0.0	0.0	0.0	0.0	0.0	0.0
1	6	0.0	0.0	0.0	0.0	0.0	0.0
1	7	0.0	0.0	0.0	0.0	0.0	0.0
1	8	0.0	0.0	0.0	0.0	0.0	0.0
1	9	0.0	0.0	0.0	0.0	0.0	0.0
1	10	0.0	0.0	0.0	0.0	0.0	0.0
1	11	0.0	0.0	0.0	0.0	0.0	0.0
1	12	0.0	0.0	0.0	0.0	0.0	0.0
1	13	0.0	0.0	0.0	0.0	0.0	0.0
1	14	0.0	0.0	0.0	0.0	0.0	0.0
1	15	0.0	0.0	0.0	0.0	0.0	0.0
1	16	0.0	0.0	0.0	0.0	0.0	0.0
1	17	0.0	0.0	0.0	0.0	0.0	0.0
2	1	0.0	0.0	0.0	0.0	0.0	0.0
2	2	0.0	0.0	0.0	0.0	0.0	0.0
2	3	0.0	0.0	0.0	0.0	0.0	0.0
2	4	0.0	0.0	0.0	0.0	0.0	0.0
2	5	0.0	0.0	0.0	0.0	0.0	0.0
2	6	0.0	0.0	0.0	0.0	0.0	0.0
2	7	0.0	0.0	0.0	0.0	0.0	0.0
2	8	0.0	0.0	0.0	0.0	0.0	0.0
2	9	0.0	0.0	0.0	0.0	0.0	0.0
2	10	0.0	0.0	0.0	0.0	0.0	0.0
2	11	0.0	0.0	0.0	0.0	0.0	0.0
2	12	0.0	0.0	0.0	0.0	0.0	0.0
2	13	0.0	0.0	0.0	0.0	0.0	0.0
2	14	0.0	0.0	0.0	0.0	0.0	0.0
2	15	0.0	0.0	0.0	0.0	0.0	0.0
2	16	0.0	0.0	0.0	0.0	0.0	0.0
2	17	0.0	0.0	0.0	0.0	0.0	0.0
3	1	0.0	0.0	0.0	0.0	0.0	0.0
3	2	0.0	0.0	0.0	0.0	0.0	0.0
3	3	0.0	0.0	0.0	0.0	0.0	0.0
3	4	0.0	0.0	0.0	0.0	0.0	0.0
3	5	0.0	0.0	0.0	0.0	0.0	0.0
3	6	0.0	0.0	0.0	0.0	0.0	0.0
3	7	0.0	0.0	0.0	0.0	0.0	0.0
3	8	0.0	0.0	0.0	0.0	0.0	0.0
3	9	0.0	0.0	0.0	0.0	0.0	0.0
3	10	0.0	0.0	0.0	0.0	0.0	0.0
3	11	0.0	0.0	0.0	0.0	0.0	0.0
3	12	0.0	0.0	0.0	0.0	0.0	0.0
3	13	0.0	0.0	0.0	0.0	0.0	0.0
3	14	0.0	0.0	0.0	0.0	0.0	0.0
3	15	0.0	0.0	0.0	0.0	0.0	0.0
3	16	0.0	0.0	0.0	0.0	0.0	0.0
3	17	0.0	0.0	0.0	0.0	0.0	0.0
4	1	0.0	0.0	0.0	0.0	0.0	0.0
4	2	0.0	0.0	0.0	0.0	0.0	0.0
4	3	0.0	0.0	0.0	0.0	0.0	0.0
4	4	0.0	0.0	0.0	0.0	0.0	0.0
4	5	0.0	0.0	0.0	0.0	0.0	0.0

8	14	0.0	0.0	0.0	0.0	0.0	0.0
8	15	0.0	0.0	0.0	0.0	0.0	0.0
8	16	0.0	0.0	0.0	0.0	0.0	0.0
8	17	0.0	0.0	0.0	0.0	0.0	0.0
9	1	0.0	0.0	0.0	0.0	0.0	0.0
9	2	0.0	0.0	0.0	0.0	0.0	0.0
9	3	0.0	0.0	0.0	0.0	0.0	0.0
9	4	0.0	0.0	0.0	0.0	0.0	0.0
9	5	0.0	0.0	0.0	0.0	0.0	0.0
9	6	0.0	0.0	0.0	0.0	0.0	0.0
9	7	0.0	0.0	0.0	0.0	0.0	0.0
9	8	0.0	0.0	0.0	0.0	0.0	0.0
9	9	0.0	0.0	0.0	0.0	0.0	0.0
9	10	0.0	0.0	0.0	0.0	0.0	0.0
9	11	0.0	0.0	0.0	0.0	0.0	0.0
9	12	0.0	0.0	0.0	0.0	0.0	0.0
9	13	0.0	0.0	0.0	0.0	0.0	0.0
9	14	0.0	0.0	0.0	0.0	0.0	0.0
9	15	0.0	0.0	0.0	0.0	0.0	0.0
9	16	0.0	0.0	0.0	0.0	0.0	0.0
9	17	0.0	0.0	0.0	0.0	0.0	0.0
10	1	0.0	0.0	0.0	0.0	0.0	0.0
10	2	0.0	0.0	0.0	0.0	0.0	0.0
10	3	0.0	0.0	0.0	0.0	0.0	0.0
10	4	0.0	0.0	0.0	0.0	0.0	0.0
10	5	0.0	0.0	0.0	0.0	0.0	0.0
10	6	0.0	0.0	0.0	0.0	0.0	0.0
10	7	0.0	0.0	0.0	0.0	0.0	0.0
10	8	0.0	0.0	0.0	0.0	0.0	0.0
10	9	0.0	0.0	0.0	0.0	0.0	0.0
10	10	0.0	0.0	0.0	0.0	0.0	0.0
10	11	0.0	0.0	0.0	0.0	0.0	0.0
10	12	0.0	0.0	0.0	0.0	0.0	0.0
10	13	0.0	0.0	0.0	0.0	0.0	0.0
10	14	0.0	0.0	0.0	0.0	0.0	0.0
10	15	0.0	0.0	0.0	0.0	0.0	0.0
10	16	0.0	0.0	0.0	0.0	0.0	0.0
10	17	0.0	0.0	0.0	0.0	0.0	0.0
11	1	0.0	0.0	0.0	0.0	0.0	0.0
11	2	0.0	0.0	0.0	0.0	0.0	0.0
11	3	0.0	0.0	0.0	0.0	0.0	0.0
11	4	0.0	0.0	0.0	0.0	0.0	0.0
11	5	0.0	0.0	0.0	0.0	0.0	0.0
11	6	0.0	0.0	0.0	0.0	0.0	0.0
11	7	0.0	0.0	0.0	0.0	0.0	0.0
11	8	0.0	0.0	0.0	0.0	0.0	0.0
11	9	0.0	0.0	0.0	0.0	0.0	0.0
11	10	0.0	0.0	0.0	0.0	0.0	0.0
11	11	0.0	0.0	0.0	0.0	0.0	0.0
11	12	0.0	0.0	0.0	0.0	0.0	0.0
11	13	0.0	0.0	0.0	0.0	0.0	0.0
11	14	0.0	0.0	0.0	0.0	0.0	0.0
11	15	0.0	0.0	0.0	0.0	0.0	0.0
11	16	0.0	0.0	0.0	0.0	0.0	0.0
11	17	0.0	0.0	0.0	0.0	0.0	0.0
12	1	0.0	0.0	0.0	0.0	0.0	0.0
12	2	0.0	0.0	0.0	0.0	0.0	0.0
12	3	0.0	0.0	0.0	0.0	0.0	0.0
12	4	0.0	0.0	0.0	0.0	0.0	0.0
12	5	0.0	0.0	0.0	0.0	0.0	0.0
12	6	0.0	0.0	0.0	0.0	0.0	0.0
12	7	0.0	0.0	0.0	0.0	0.0	0.0
12	8	0.0	0.0	0.0	0.0	0.0	0.0
12	9	0.0	0.0	0.0	0.0	0.0	0.0
12	10	0.0	0.0	0.0	0.0	0.0	0.0
12	11	0.0	0.0	0.0	0.0	0.0	0.0
12	12	0.0	0.0	0.0	0.0	0.0	0.0
12	13	0.0	0.0	0.0	0.0	0.0	0.0
12	14	0.0	0.0	0.0	0.0	0.0	0.0
12	15	0.0	0.0	0.0	0.0	0.0	0.0
12	16	0.0	0.0	0.0	0.0	0.0	0.0
12	17	0.0	0.0	0.0	0.0	0.0	0.0
13	1	0.0	0.0	0.0	0.0	0.0	0.0
13	2	0.0	0.0	0.0	0.0	0.0	0.0
13	3	0.0	0.0	0.0	0.0	0.0	0.0
13	4	0.0	0.0	0.0	0.0	0.0	0.0

13	5	0.0	0.0	0.0	0.0	0.0	0.0
13	6	0.0	0.0	0.0	0.0	0.0	0.0
13	7	0.0	0.0	0.0	0.0	0.0	0.0
13	8	0.0	0.0	0.0	0.0	0.0	0.0
13	9	0.0	0.0	0.0	0.0	0.0	0.0
13	10	0.0	0.0	0.0	0.0	0.0	0.0
13	11	0.0	0.0	0.0	0.0	0.0	0.0
13	12	0.0	0.0	0.0	0.0	0.0	0.0
13	13	0.0	0.0	0.0	0.0	0.0	0.0
13	14	0.0	0.0	0.0	0.0	0.0	0.0
13	15	0.0	0.0	0.0	0.0	0.0	0.0
13	16	0.0	0.0	0.0	0.0	0.0	0.0
13	17	0.0	0.0	0.0	0.0	0.0	0.0
14	1	0.0	0.0	0.0	0.0	0.0	0.0
14	2	0.0	0.0	0.0	0.0	0.0	0.0
14	3	0.0	0.0	0.0	0.0	0.0	0.0
14	4	0.0	0.0	0.0	0.0	0.0	0.0
14	5	0.0	0.0	0.0	0.0	0.0	0.0
14	6	0.0	0.0	0.0	0.0	0.0	0.0
14	7	0.0	0.0	0.0	0.0	0.0	0.0
14	8	0.0	0.0	0.0	0.0	0.0	0.0
14	9	0.0	0.0	0.0	0.0	0.0	0.0
14	10	0.0	0.0	0.0	0.0	0.0	0.0
14	11	0.0	0.0	0.0	0.0	0.0	0.0
14	12	0.0	0.0	0.0	0.0	0.0	0.0
14	13	0.0	0.0	0.0	0.0	0.0	0.0
14	14	0.0	0.0	0.0	0.0	0.0	0.0
14	15	0.0	0.0	0.0	0.0	0.0	0.0
14	16	0.0	0.0	0.0	0.0	0.0	0.0
14	17	0.0	0.0	0.0	0.0	0.0	0.0
15	1	0.0	0.0	0.0	0.0	0.0	0.0
15	2	0.0	0.0	0.0	0.0	0.0	0.0
15	3	0.0	0.0	0.0	0.0	0.0	0.0
15	4	0.0	0.0	0.0	0.0	0.0	0.0
15	5	0.0	0.0	0.0	0.0	0.0	0.0
15	6	0.0	0.0	0.0	0.0	0.0	0.0
15	7	0.0	0.0	0.0	0.0	0.0	0.0
15	8	0.0	0.0	0.0	0.0	0.0	0.0
15	9	0.0	0.0	0.0	0.0	0.0	0.0
15	10	0.0	0.0	0.0	0.0	0.0	0.0
15	11	0.0	0.0	0.0	0.0	0.0	0.0
15	12	0.0	0.0	0.0	0.0	0.0	0.0
15	13	0.0	0.0	0.0	0.0	0.0	0.0
15	14	0.0	0.0	0.0	0.0	0.0	0.0
15	15	0.0	0.0	0.0	0.0	0.0	0.0
15	16	0.0	0.0	0.0	0.0	0.0	0.0
15	17	0.0	0.0	0.0	0.0	0.0	0.0
16	1	0.0	0.0	0.0	0.0	0.0	0.0
16	2	0.0	0.0	0.0	0.0	0.0	0.0
16	3	0.0	0.0	0.0	0.0	0.0	0.0
16	4	0.0	0.0	0.0	0.0	0.0	0.0
16	5	0.0	0.0	0.0	0.0	0.0	0.0
16	6	0.0	0.0	0.0	0.0	0.0	0.0
16	7	0.0	0.0	0.0	0.0	0.0	0.0
16	8	0.0	0.0	0.0	0.0	0.0	0.0
16	9	0.0	0.0	0.0	0.0	0.0	0.0
16	10	0.0	0.0	0.0	0.0	0.0	0.0
16	11	0.0	0.0	0.0	0.0	0.0	0.0
16	12	0.0	0.0	0.0	0.0	0.0	0.0
16	13	0.0	0.0	0.0	0.0	0.0	0.0
16	14	0.0	0.0	0.0	0.0	0.0	0.0
16	15	0.0	0.0	0.0	0.0	0.0	0.0
16	16	0.0	0.0	0.0	0.0	0.0	0.0
16	17	0.0	0.0	0.0	0.0	0.0	0.0
17	1	0.0	0.0	0.0	0.0	0.0	0.0
17	2	0.0	0.0	0.0	0.0	0.0	0.0
17	3	0.0	0.0	0.0	0.0	0.0	0.0
17	4	0.0	0.0	0.0	0.0	0.0	0.0
17	5	0.0	0.0	0.0	0.0	0.0	0.0
17	6	0.0	0.0	0.0	0.0	0.0	0.0
17	7	0.0	0.0	0.0	0.0	0.0	0.0
17	8	0.0	0.0	0.0	0.0	0.0	0.0
17	9	0.0	0.0	0.0	0.0	0.0	0.0
17	10	0.0	0.0	0.0	0.0	0.0	0.0
17	11	0.0	0.0	0.0	0.0	0.0	0.0
17	12	0.0	0.0	0.0	0.0	0.0	0.0

17	13	0.0	0.0	0.0	0.0	0.0	0.0
17	14	0.0	0.0	0.0	0.0	0.0	0.0
17	15	0.0	0.0	0.0	0.0	0.0	0.0
17	16	0.0	0.0	0.0	0.0	0.0	0.0
17	17	0.0	0.0	0.0	0.0	0.0	0.0
18	1	0.0	0.0	0.0	0.0	0.0	0.0
18	2	0.0	0.0	0.0	0.0	0.0	0.0
18	3	0.0	0.0	0.0	0.0	0.0	0.0
18	4	0.0	0.0	0.0	0.0	0.0	0.0
18	5	0.0	0.0	0.0	0.0	0.0	0.0
18	6	0.0	0.0	0.0	0.0	0.0	0.0
18	7	0.0	0.0	0.0	0.0	0.0	0.0
18	8	0.0	0.0	0.0	0.0	0.0	0.0
18	9	0.0	0.0	0.0	0.0	0.0	0.0
18	10	0.0	0.0	0.0	0.0	0.0	0.0
18	11	0.0	0.0	0.0	0.0	0.0	0.0
18	12	0.0	0.0	0.0	0.0	0.0	0.0
18	13	0.0	0.0	0.0	0.0	0.0	0.0
18	14	0.0	0.0	0.0	0.0	0.0	0.0
18	15	0.0	0.0	0.0	0.0	0.0	0.0
18	16	0.0	0.0	0.0	0.0	0.0	0.0
18	17	0.0	0.0	0.0	0.0	0.0	0.0
19	1	0.0	0.0	0.0	0.0	0.0	0.0
19	2	0.0	0.0	0.0	0.0	0.0	0.0
19	3	0.0	0.0	0.0	0.0	0.0	0.0
19	4	0.0	0.0	0.0	0.0	0.0	0.0
19	5	0.0	0.0	0.0	0.0	0.0	0.0
19	6	0.0	0.0	0.0	0.0	0.0	0.0
19	7	0.0	0.0	0.0	0.0	0.0	0.0
19	8	0.0	0.0	0.0	0.0	0.0	0.0
19	9	0.0	0.0	0.0	0.0	0.0	0.0
19	10	0.0	0.0	0.0	0.0	0.0	0.0
19	11	0.0	0.0	0.0	0.0	0.0	0.0
19	12	0.0	0.0	0.0	0.0	0.0	0.0
19	13	0.0	0.0	0.0	0.0	0.0	0.0
19	14	0.0	0.0	0.0	0.0	0.0	0.0
19	15	0.0	0.0	0.0	0.0	0.0	0.0
19	16	0.0	0.0	0.0	0.0	0.0	0.0
19	17	0.0	0.0	0.0	0.0	0.0	0.0
20	1	0.0	0.0	0.0	0.0	0.0	0.0
20	2	0.0	0.0	0.0	0.0	0.0	0.0
20	3	0.0	0.0	0.0	0.0	0.0	0.0
20	4	0.0	0.0	0.0	0.0	0.0	0.0
20	5	0.0	0.0	0.0	0.0	0.0	0.0
20	6	0.0	0.0	0.0	0.0	0.0	0.0
20	7	0.0	0.0	0.0	0.0	0.0	0.0
20	8	0.0	0.0	0.0	0.0	0.0	0.0
20	9	0.0	0.0	0.0	0.0	0.0	0.0
20	10	0.0	0.0	0.0	0.0	0.0	0.0
20	11	0.0	0.0	0.0	0.0	0.0	0.0
20	12	0.0	0.0	0.0	0.0	0.0	0.0
20	13	0.0	0.0	0.0	0.0	0.0	0.0
20	14	0.0	0.0	0.0	0.0	0.0	0.0
20	15	0.0	0.0	0.0	0.0	0.0	0.0
20	16	0.0	0.0	0.0	0.0	0.0	0.0
20	17	0.0	0.0	0.0	0.0	0.0	0.0
21	1	0.0	0.0	0.0	0.0	0.0	0.0
21	2	0.0	0.0	0.0	0.0	0.0	0.0
21	3	0.0	0.0	0.0	0.0	0.0	0.0
21	4	0.0	0.0	0.0	0.0	0.0	0.0
21	5	0.0	0.0	0.0	0.0	0.0	0.0
21	6	0.0	0.0	0.0	0.0	0.0	0.0
21	7	0.0	0.0	0.0	0.0	0.0	0.0
21	8	0.0	0.0	0.0	0.0	0.0	0.0
21	9	0.0	0.0	0.0	0.0	0.0	0.0
21	10	0.0	0.0	0.0	0.0	0.0	0.0
21	11	0.0	0.0	0.0	0.0	0.0	0.0
21	12	0.0	0.0	0.0	0.0	0.0	0.0
21	13	0.0	0.0	0.0	0.0	0.0	0.0
21	14	0.0	0.0	0.0	0.0	0.0	0.0
21	15	0.0	0.0	0.0	0.0	0.0	0.0
21	16	0.0	0.0	0.0	0.0	0.0	0.0
21	17	0.0	0.0	0.0	0.0	0.0	0.0
22	1	0.0	0.0	0.0	0.0	0.0	0.0
22	2	0.0	0.0	0.0	0.0	0.0	0.0
22	3	0.0	0.0	0.0	0.0	0.0	0.0

22	4	0.0	0.0	0.0	0.0	0.0	0.0
22	5	0.0	0.0	0.0	0.0	0.0	0.0
22	6	0.0	0.0	0.0	0.0	0.0	0.0
22	7	0.0	0.0	0.0	0.0	0.0	0.0
22	8	0.0	0.0	0.0	0.0	0.0	0.0
22	9	0.0	0.0	0.0	0.0	0.0	0.0
22	10	0.0	0.0	0.0	0.0	0.0	0.0
22	11	0.0	0.0	0.0	0.0	0.0	0.0
22	12	0.0	0.0	0.0	0.0	0.0	0.0
22	13	0.0	0.0	0.0	0.0	0.0	0.0
22	14	0.0	0.0	0.0	0.0	0.0	0.0
22	15	0.0	0.0	0.0	0.0	0.0	0.0
22	16	0.0	0.0	0.0	0.0	0.0	0.0
22	17	0.0	0.0	0.0	0.0	0.0	0.0
23	1	0.0	0.0	0.0	0.0	0.0	0.0
23	2	0.0	0.0	0.0	0.0	0.0	0.0
23	3	0.0	0.0	0.0	0.0	0.0	0.0
23	4	0.0	0.0	0.0	0.0	0.0	0.0
23	5	0.0	0.0	0.0	0.0	0.0	0.0
23	6	0.0	0.0	0.0	0.0	0.0	0.0
23	7	0.0	0.0	0.0	0.0	0.0	0.0
23	8	0.0	0.0	0.0	0.0	0.0	0.0
23	9	0.0	0.0	0.0	0.0	0.0	0.0
23	10	0.0	0.0	0.0	0.0	0.0	0.0
23	11	0.0	0.0	0.0	0.0	0.0	0.0
23	12	0.0	0.0	0.0	0.0	0.0	0.0
23	13	0.0	0.0	0.0	0.0	0.0	0.0
23	14	0.0	0.0	0.0	0.0	0.0	0.0
23	15	0.0	0.0	0.0	0.0	0.0	0.0
23	16	0.0	0.0	0.0	0.0	0.0	0.0
23	17	0.0	0.0	0.0	0.0	0.0	0.0
24	1	0.0	0.0	0.0	0.0	0.0	0.0
24	2	0.0	0.0	0.0	0.0	0.0	0.0
24	3	0.0	0.0	0.0	0.0	0.0	0.0
24	4	0.0	0.0	0.0	0.0	0.0	0.0
24	5	0.0	0.0	0.0	0.0	0.0	0.0
24	6	0.0	0.0	0.0	0.0	0.0	0.0
24	7	0.0	0.0	0.0	0.0	0.0	0.0
24	8	0.0	0.0	0.0	0.0	0.0	0.0
24	9	0.0	0.0	0.0	0.0	0.0	0.0
24	10	0.0	0.0	0.0	0.0	0.0	0.0
24	11	0.0	0.0	0.0	0.0	0.0	0.0
24	12	0.0	0.0	0.0	0.0	0.0	0.0
24	13	0.0	0.0	0.0	0.0	0.0	0.0
24	14	0.0	0.0	0.0	0.0	0.0	0.0
24	15	0.0	0.0	0.0	0.0	0.0	0.0
24	16	0.0	0.0	0.0	0.0	0.0	0.0
24	17	0.0	0.0	0.0	0.0	0.0	0.0
25	1	0.0	0.0	0.0	0.0	0.0	0.0
25	2	0.0	0.0	0.0	0.0	0.0	0.0
25	3	0.0	0.0	0.0	0.0	0.0	0.0
25	4	0.0	0.0	0.0	0.0	0.0	0.0
25	5	0.0	0.0	0.0	0.0	0.0	0.0
25	6	0.0	0.0	0.0	0.0	0.0	0.0
25	7	0.0	0.0	0.0	0.0	0.0	0.0
25	8	0.0	0.0	0.0	0.0	0.0	0.0
25	9	0.0	0.0	0.0	0.0	0.0	0.0
25	10	0.0	0.0	0.0	0.0	0.0	0.0
25	11	0.0	0.0	0.0	0.0	0.0	0.0
25	12	0.0	0.0	0.0	0.0	0.0	0.0
25	13	0.0	0.0	0.0	0.0	0.0	0.0
25	14	0.0	0.0	0.0	0.0	0.0	0.0
25	15	0.0	0.0	0.0	0.0	0.0	0.0
25	16	0.0	0.0	0.0	0.0	0.0	0.0
25	17	0.0	0.0	0.0	0.0	0.0	0.0
26	1	0.0	0.0	0.0	0.0	0.0	0.0
26	2	0.0	0.0	0.0	0.0	0.0	0.0
26	3	0.0	0.0	0.0	0.0	0.0	0.0
26	4	0.0	0.0	0.0	0.0	0.0	0.0
26	5	0.0	0.0	0.0	0.0	0.0	0.0
26	6	0.0	0.0	0.0	0.0	0.0	0.0
26	7	0.0	0.0	0.0	0.0	0.0	0.0
26	8	0.0	0.0	0.0	0.0	0.0	0.0
26	9	0.0	0.0	0.0	0.0	0.0	0.0
26	10	0.0	0.0	0.0	0.0	0.0	0.0
26	11	0.0	0.0	0.0	0.0	0.0	0.0

26	12	0.0	0.0	0.0	0.0	0.0	0.0
26	13	0.0	0.0	0.0	0.0	0.0	0.0
26	14	0.0	0.0	0.0	0.0	0.0	0.0
26	15	0.0	0.0	0.0	0.0	0.0	0.0
26	16	0.0	0.0	0.0	0.0	0.0	0.0
26	17	0.0	0.0	0.0	0.0	0.0	0.0
27	1	0.0	0.0	0.0	0.0	0.0	0.0
27	2	0.0	0.0	0.0	0.0	0.0	0.0
27	3	0.0	0.0	0.0	0.0	0.0	0.0
27	4	0.0	0.0	0.0	0.0	0.0	0.0
27	5	0.0	0.0	0.0	0.0	0.0	0.0
27	6	0.0	0.0	0.0	0.0	0.0	0.0
27	7	0.0	0.0	0.0	0.0	0.0	0.0
27	8	0.0	0.0	0.0	0.0	0.0	0.0
27	9	0.0	0.0	0.0	0.0	0.0	0.0
27	10	0.0	0.0	0.0	0.0	0.0	0.0
27	11	0.0	0.0	0.0	0.0	0.0	0.0
27	12	0.0	0.0	0.0	0.0	0.0	0.0
27	13	0.0	0.0	0.0	0.0	0.0	0.0
27	14	0.0	0.0	0.0	0.0	0.0	0.0
27	15	0.0	0.0	0.0	0.0	0.0	0.0
27	16	0.0	0.0	0.0	0.0	0.0	0.0
27	17	0.0	0.0	0.0	0.0	0.0	0.0
28	1	0.0	0.0	0.0	0.0	0.0	0.0
28	2	0.0	0.0	0.0	0.0	0.0	0.0
28	3	0.0	0.0	0.0	0.0	0.0	0.0
28	4	0.0	0.0	0.0	0.0	0.0	0.0
28	5	0.0	0.0	0.0	0.0	0.0	0.0
28	6	0.0	0.0	0.0	0.0	0.0	0.0
28	7	0.0	0.0	0.0	0.0	0.0	0.0
28	8	0.0	0.0	0.0	0.0	0.0	0.0
28	9	0.0	0.0	0.0	0.0	0.0	0.0
28	10	0.0	0.0	0.0	0.0	0.0	0.0
28	11	0.0	0.0	0.0	0.0	0.0	0.0
28	12	0.0	0.0	0.0	0.0	0.0	0.0
28	13	0.0	0.0	0.0	0.0	0.0	0.0
28	14	0.0	0.0	0.0	0.0	0.0	0.0
28	15	0.0	0.0	0.0	0.0	0.0	0.0
28	16	0.0	0.0	0.0	0.0	0.0	0.0
28	17	0.0	0.0	0.0	0.0	0.0	0.0
29	1	0.0	0.0	0.0	0.0	0.0	0.0
29	2	0.0	0.0	0.0	0.0	0.0	0.0
29	3	0.0	0.0	0.0	0.0	0.0	0.0
29	4	0.0	0.0	0.0	0.0	0.0	0.0
29	5	0.0	0.0	0.0	0.0	0.0	0.0
29	6	0.0	0.0	0.0	0.0	0.0	0.0
29	7	0.0	0.0	0.0	0.0	0.0	0.0
29	8	0.0	0.0	0.0	0.0	0.0	0.0
29	9	0.0	0.0	0.0	0.0	0.0	0.0
29	10	0.0	0.0	0.0	0.0	0.0	0.0
29	11	0.0	0.0	0.0	0.0	0.0	0.0
29	12	0.0	0.0	0.0	0.0	0.0	0.0
29	13	0.0	0.0	0.0	0.0	0.0	0.0
29	14	0.0	0.0	0.0	0.0	0.0	0.0
29	15	0.0	0.0	0.0	0.0	0.0	0.0
29	16	0.0	0.0	0.0	0.0	0.0	0.0
29	17	0.0	0.0	0.0	0.0	0.0	0.0
30	1	0.0	0.0	0.0	0.0	0.0	0.0
30	2	0.0	0.0	0.0	0.0	0.0	0.0
30	3	0.0	0.0	0.0	0.0	0.0	0.0
30	4	0.0	0.0	0.0	0.0	0.0	0.0
30	5	0.0	0.0	0.0	0.0	0.0	0.0
30	6	0.0	0.0	0.0	0.0	0.0	0.0
30	7	0.0	0.0	0.0	0.0	0.0	0.0
30	8	0.0	0.0	0.0	0.0	0.0	0.0
30	9	0.0	0.0	0.0	0.0	0.0	0.0
30	10	0.0	0.0	0.0	0.0	0.0	0.0
30	11	0.0	0.0	0.0	0.0	0.0	0.0
30	12	0.0	0.0	0.0	0.0	0.0	0.0
30	13	0.0	0.0	0.0	0.0	0.0	0.0
30	14	0.0	0.0	0.0	0.0	0.0	0.0
30	15	0.0	0.0	0.0	0.0	0.0	0.0
30	16	0.0	0.0	0.0	0.0	0.0	0.0
30	17	0.0	0.0	0.0	0.0	0.0	0.0
31	1	0.0	0.0	0.0	0.0	0.0	0.0
31	2	0.0	0.0	0.0	0.0	0.0	0.0

31	3	0.0	0.0	0.0	0.0	0.0	0.0
31	4	0.0	0.0	0.0	0.0	0.0	0.0
31	5	0.0	0.0	0.0	0.0	0.0	0.0
31	6	0.0	0.0	0.0	0.0	0.0	0.0
31	7	0.0	0.0	0.0	0.0	0.0	0.0
31	8	0.0	0.0	0.0	0.0	0.0	0.0
31	9	0.0	0.0	0.0	0.0	0.0	0.0
31	10	0.0	0.0	0.0	0.0	0.0	0.0
31	11	0.0	0.0	0.0	0.0	0.0	0.0
31	12	0.0	0.0	0.0	0.0	0.0	0.0
31	13	0.0	0.0	0.0	0.0	0.0	0.0
31	14	0.0	0.0	0.0	0.0	0.0	0.0
31	15	0.0	0.0	0.0	0.0	0.0	0.0
31	16	0.0	0.0	0.0	0.0	0.0	0.0
31	17	0.0	0.0	0.0	0.0	0.0	0.0
32	1	0.0	0.0	0.0	0.0	0.0	0.0
32	2	0.0	0.0	0.0	0.0	0.0	0.0
32	3	0.0	0.0	0.0	0.0	0.0	0.0
32	4	0.0	0.0	0.0	0.0	0.0	0.0
32	5	0.0	0.0	0.0	0.0	0.0	0.0
32	6	0.0	0.0	0.0	0.0	0.0	0.0
32	7	0.0	0.0	0.0	0.0	0.0	0.0
32	8	0.0	0.0	0.0	0.0	0.0	0.0
32	9	0.0	0.0	0.0	0.0	0.0	0.0
32	10	0.0	0.0	0.0	0.0	0.0	0.0
32	11	0.0	0.0	0.0	0.0	0.0	0.0
32	12	0.0	0.0	0.0	0.0	0.0	0.0
32	13	0.0	0.0	0.0	0.0	0.0	0.0
32	14	0.0	0.0	0.0	0.0	0.0	0.0
32	15	0.0	0.0	0.0	0.0	0.0	0.0
32	16	0.0	0.0	0.0	0.0	0.0	0.0
32	17	0.0	0.0	0.0	0.0	0.0	0.0
33	1	0.0	0.0	0.0	0.0	0.0	0.0
33	2	0.0	0.0	0.0	0.0	0.0	0.0
33	3	0.0	0.0	0.0	0.0	0.0	0.0
33	4	0.0	0.0	0.0	0.0	0.0	0.0
33	5	0.0	0.0	0.0	0.0	0.0	0.0
33	6	0.0	0.0	0.0	0.0	0.0	0.0
33	7	0.0	0.0	0.0	0.0	0.0	0.0
33	8	0.0	0.0	0.0	0.0	0.0	0.0
33	9	0.0	0.0	0.0	0.0	0.0	0.0
33	10	0.0	0.0	0.0	0.0	0.0	0.0
33	11	0.0	0.0	0.0	0.0	0.0	0.0
33	12	0.0	0.0	0.0	0.0	0.0	0.0
33	13	0.0	0.0	0.0	0.0	0.0	0.0
33	14	0.0	0.0	0.0	0.0	0.0	0.0
33	15	0.0	0.0	0.0	0.0	0.0	0.0
33	16	0.0	0.0	0.0	0.0	0.0	0.0
33	17	0.0	0.0	0.0	0.0	0.0	0.0
34	1	0.0	0.0	0.0	0.0	0.0	0.0
34	2	0.0	0.0	0.0	0.0	0.0	0.0
34	3	0.0	0.0	0.0	0.0	0.0	0.0
34	4	0.0	0.0	0.0	0.0	0.0	0.0
34	5	0.0	0.0	0.0	0.0	0.0	0.0
34	6	0.0	0.0	0.0	0.0	0.0	0.0
34	7	0.0	0.0	0.0	0.0	0.0	0.0
34	8	0.0	0.0	0.0	0.0	0.0	0.0
34	9	0.0	0.0	0.0	0.0	0.0	0.0
34	10	0.0	0.0	0.0	0.0	0.0	0.0
34	11	0.0	0.0	0.0	0.0	0.0	0.0
34	12	0.0	0.0	0.0	0.0	0.0	0.0
34	13	0.0	0.0	0.0	0.0	0.0	0.0
34	14	0.0	0.0	0.0	0.0	0.0	0.0
34	15	0.0	0.0	0.0	0.0	0.0	0.0
34	16	0.0	0.0	0.0	0.0	0.0	0.0
34	17	0.0	0.0	0.0	0.0	0.0	0.0
35	1	0.0	0.0	0.0	0.0	0.0	0.0
35	2	0.0	0.0	0.0	0.0	0.0	0.0
35	3	0.0	0.0	0.0	0.0	0.0	0.0
35	4	0.0	0.0	0.0	0.0	0.0	0.0
35	5	0.0	0.0	0.0	0.0	0.0	0.0
35	6	0.0	0.0	0.0	0.0	0.0	0.0
35	7	0.0	0.0	0.0	0.0	0.0	0.0
35	8	0.0	0.0	0.0	0.0	0.0	0.0
35	9	0.0	0.0	0.0	0.0	0.0	0.0
35	10	0.0	0.0	0.0	0.0	0.0	0.0

35	11	0.0	0.0	0.0	0.0	0.0	0.0
35	12	0.0	0.0	0.0	0.0	0.0	0.0
35	13	0.0	0.0	0.0	0.0	0.0	0.0
35	14	0.0	0.0	0.0	0.0	0.0	0.0
35	15	0.0	0.0	0.0	0.0	0.0	0.0
35	16	0.0	0.0	0.0	0.0	0.0	0.0
35	17	0.0	0.0	0.0	0.0	0.0	0.0
36	1	0.0	0.0	0.0	0.0	0.0	0.0
36	2	0.0	0.0	0.0	0.0	0.0	0.0
36	3	0.0	0.0	0.0	0.0	0.0	0.0
36	4	0.0	0.0	0.0	0.0	0.0	0.0
36	5	0.0	0.0	0.0	0.0	0.0	0.0
36	6	0.0	0.0	0.0	0.0	0.0	0.0
36	7	0.0	0.0	0.0	0.0	0.0	0.0
36	8	0.0	0.0	0.0	0.0	0.0	0.0
36	9	0.0	0.0	0.0	0.0	0.0	0.0
36	10	0.0	0.0	0.0	0.0	0.0	0.0
36	11	0.0	0.0	0.0	0.0	0.0	0.0
36	12	0.0	0.0	0.0	0.0	0.0	0.0
36	13	0.0	0.0	0.0	0.0	0.0	0.0
36	14	0.0	0.0	0.0	0.0	0.0	0.0
36	15	0.0	0.0	0.0	0.0	0.0	0.0
36	16	0.0	0.0	0.0	0.0	0.0	0.0
36	17	0.0	0.0	0.0	0.0	0.0	0.0
37	1	0.0	0.0	0.0	0.0	0.0	0.0
37	2	0.0	0.0	0.0	0.0	0.0	0.0
37	3	0.0	0.0	0.0	0.0	0.0	0.0
37	4	0.0	0.0	0.0	0.0	0.0	0.0
37	5	0.0	0.0	0.0	0.0	0.0	0.0
37	6	0.0	0.0	0.0	0.0	0.0	0.0
37	7	0.0	0.0	0.0	0.0	0.0	0.0
37	8	0.0	0.0	0.0	0.0	0.0	0.0
37	9	0.0	0.0	0.0	0.0	0.0	0.0
37	10	0.0	0.0	0.0	0.0	0.0	0.0
37	11	0.0	0.0	0.0	0.0	0.0	0.0
37	12	0.0	0.0	0.0	0.0	0.0	0.0
37	13	0.0	0.0	0.0	0.0	0.0	0.0
37	14	0.0	0.0	0.0	0.0	0.0	0.0
37	15	0.0	0.0	0.0	0.0	0.0	0.0
37	16	0.0	0.0	0.0	0.0	0.0	0.0
37	17	0.0	0.0	0.0	0.0	0.0	0.0
38	1	0.0	0.0	0.0	0.0	0.0	0.0
38	2	0.0	0.0	0.0	0.0	0.0	0.0
38	3	0.0	0.0	0.0	0.0	0.0	0.0
38	4	0.0	0.0	0.0	0.0	0.0	0.0
38	5	0.0	0.0	0.0	0.0	0.0	0.0
38	6	0.0	0.0	0.0	0.0	0.0	0.0
38	7	0.0	0.0	0.0	0.0	0.0	0.0
38	8	0.0	0.0	0.0	0.0	0.0	0.0
38	9	0.0	0.0	0.0	0.0	0.0	0.0
38	10	0.0	0.0	0.0	0.0	0.0	0.0
38	11	0.0	0.0	0.0	0.0	0.0	0.0
38	12	0.0	0.0	0.0	0.0	0.0	0.0
38	13	0.0	0.0	0.0	0.0	0.0	0.0
38	14	0.0	0.0	0.0	0.0	0.0	0.0
38	15	0.0	0.0	0.0	0.0	0.0	0.0
38	16	0.0	0.0	0.0	0.0	0.0	0.0
38	17	0.0	0.0	0.0	0.0	0.0	0.0
39	1	0.0	0.0	0.0	0.0	0.0	0.0
39	2	0.0	0.0	0.0	0.0	0.0	0.0
39	3	0.0	0.0	0.0	0.0	0.0	0.0
39	4	0.0	0.0	0.0	0.0	0.0	0.0
39	5	0.0	0.0	0.0	0.0	0.0	0.0
39	6	0.0	0.0	0.0	0.0	0.0	0.0
39	7	0.0	0.0	0.0	0.0	0.0	0.0
39	8	0.0	0.0	0.0	0.0	0.0	0.0
39	9	0.0	0.0	0.0	0.0	0.0	0.0
39	10	0.0	0.0	0.0	0.0	0.0	0.0
39	11	0.0	0.0	0.0	0.0	0.0	0.0
39	12	0.0	0.0	0.0	0.0	0.0	0.0
39	13	0.0	0.0	0.0	0.0	0.0	0.0
39	14	0.0	0.0	0.0	0.0	0.0	0.0
39	15	0.0	0.0	0.0	0.0	0.0	0.0
39	16	0.0	0.0	0.0	0.0	0.0	0.0
39	17	0.0	0.0	0.0	0.0	0.0	0.0
40	1	0.0	0.0	0.0	0.0	0.0	0.0

40	2	0.0	0.0	0.0	0.0	0.0	0.0
40	3	0.0	0.0	0.0	0.0	0.0	0.0
40	4	0.0	0.0	0.0	0.0	0.0	0.0
40	5	0.0	0.0	0.0	0.0	0.0	0.0
40	6	0.0	0.0	0.0	0.0	0.0	0.0
40	7	0.0	0.0	0.0	0.0	0.0	0.0
40	8	0.0	0.0	0.0	0.0	0.0	0.0
40	9	0.0	0.0	0.0	0.0	0.0	0.0
40	10	0.0	0.0	0.0	0.0	0.0	0.0
40	11	0.0	0.0	0.0	0.0	0.0	0.0
40	12	0.0	0.0	0.0	0.0	0.0	0.0
40	13	0.0	0.0	0.0	0.0	0.0	0.0
40	14	0.0	0.0	0.0	0.0	0.0	0.0
40	15	0.0	0.0	0.0	0.0	0.0	0.0
40	16	0.0	0.0	0.0	0.0	0.0	0.0
40	17	0.0	0.0	0.0	0.0	0.0	0.0
41	1	0.0	0.0	0.0	0.0	0.0	0.0
41	2	0.0	0.0	0.0	0.0	0.0	0.0
41	3	0.0	0.0	0.0	0.0	0.0	0.0
41	4	0.0	0.0	0.0	0.0	0.0	0.0
41	5	0.0	0.0	0.0	0.0	0.0	0.0
41	6	0.0	0.0	0.0	0.0	0.0	0.0
41	7	0.0	0.0	0.0	0.0	0.0	0.0
41	8	0.0	0.0	0.0	0.0	0.0	0.0
41	9	0.0	0.0	0.0	0.0	0.0	0.0
41	10	0.0	0.0	0.0	0.0	0.0	0.0
41	11	0.0	0.0	0.0	0.0	0.0	0.0
41	12	0.0	0.0	0.0	0.0	0.0	0.0
41	13	0.0	0.0	0.0	0.0	0.0	0.0
41	14	0.0	0.0	0.0	0.0	0.0	0.0
41	15	0.0	0.0	0.0	0.0	0.0	0.0
41	16	0.0	0.0	0.0	0.0	0.0	0.0
41	17	0.0	0.0	0.0	0.0	0.0	0.0
42	1	0.0	0.0	0.0	0.0	0.0	0.0
42	2	0.0	0.0	0.0	0.0	0.0	0.0
42	3	0.0	0.0	0.0	0.0	0.0	0.0
42	4	0.0	0.0	0.0	0.0	0.0	0.0
42	5	0.0	0.0	0.0	0.0	0.0	0.0
42	6	0.0	0.0	0.0	0.0	0.0	0.0
42	7	0.0	0.0	0.0	0.0	0.0	0.0
42	8	0.0	0.0	0.0	0.0	0.0	0.0
42	9	0.0	0.0	0.0	0.0	0.0	0.0
42	10	0.0	0.0	0.0	0.0	0.0	0.0
42	11	0.0	0.0	0.0	0.0	0.0	0.0
42	12	0.0	0.0	0.0	0.0	0.0	0.0
42	13	0.0	0.0	0.0	0.0	0.0	0.0
42	14	0.0	0.0	0.0	0.0	0.0	0.0
42	15	0.0	0.0	0.0	0.0	0.0	0.0
42	16	0.0	0.0	0.0	0.0	0.0	0.0
42	17	0.0	0.0	0.0	0.0	0.0	0.0
43	1	0.0	0.0	0.0	0.0	0.0	0.0
43	2	0.0	0.0	0.0	0.0	0.0	0.0
43	3	0.0	0.0	0.0	0.0	0.0	0.0
43	4	0.0	0.0	0.0	0.0	0.0	0.0
43	5	0.0	0.0	0.0	0.0	0.0	0.0
43	6	0.0	0.0	0.0	0.0	0.0	0.0
43	7	0.0	0.0	0.0	0.0	0.0	0.0
43	8	0.0	0.0	0.0	0.0	0.0	0.0
43	9	0.0	0.0	0.0	0.0	0.0	0.0
43	10	0.0	0.0	0.0	0.0	0.0	0.0
43	11	0.0	0.0	0.0	0.0	0.0	0.0
43	12	0.0	0.0	0.0	0.0	0.0	0.0
43	13	0.0	0.0	0.0	0.0	0.0	0.0
43	14	0.0	0.0	0.0	0.0	0.0	0.0
43	15	0.0	0.0	0.0	0.0	0.0	0.0
43	16	0.0	0.0	0.0	0.0	0.0	0.0
43	17	0.0	0.0	0.0	0.0	0.0	0.0
44	1	0.0	0.0	0.0	0.0	0.0	0.0
44	2	0.0	0.0	0.0	0.0	0.0	0.0
44	3	0.0	0.0	0.0	0.0	0.0	0.0
44	4	0.0	0.0	0.0	0.0	0.0	0.0
44	5	0.0	0.0	0.0	0.0	0.0	0.0
44	6	0.0	0.0	0.0	0.0	0.0	0.0
44	7	0.0	0.0	0.0	0.0	0.0	0.0
44	8	0.0	0.0	0.0	0.0	0.0	0.0
44	9	0.0	0.0	0.0	0.0	0.0	0.0

49	1	0.0	0.0	0.0	0.0	0.0	0.0
49	2	0.0	0.0	0.0	0.0	0.0	0.0
49	3	0.0	0.0	0.0	0.0	0.0	0.0
49	4	0.0	0.0	0.0	0.0	0.0	0.0
49	5	0.0	0.0	0.0	0.0	0.0	0.0
49	6	0.0	0.0	0.0	0.0	0.0	0.0
49	7	0.0	0.0	0.0	0.0	0.0	0.0
49	8	0.0	0.0	0.0	0.0	0.0	0.0
49	9	0.0	0.0	0.0	0.0	0.0	0.0
49	10	0.0	0.0	0.0	0.0	0.0	0.0
49	11	0.0	0.0	0.0	0.0	0.0	0.0
49	12	0.0	0.0	0.0	0.0	0.0	0.0
49	13	0.0	0.0	0.0	0.0	0.0	0.0
49	14	0.0	0.0	0.0	0.0	0.0	0.0
49	15	0.0	0.0	0.0	0.0	0.0	0.0
49	16	0.0	0.0	0.0	0.0	0.0	0.0
49	17	0.0	0.0	0.0	0.0	0.0	0.0
50	1	0.0	0.0	0.0	0.0	0.0	0.0
50	2	0.0	0.0	0.0	0.0	0.0	0.0
50	3	0.0	0.0	0.0	0.0	0.0	0.0
50	4	0.0	0.0	0.0	0.0	0.0	0.0
50	5	0.0	0.0	0.0	0.0	0.0	0.0
50	6	0.0	0.0	0.0	0.0	0.0	0.0
50	7	0.0	0.0	0.0	0.0	0.0	0.0
50	8	0.0	0.0	0.0	0.0	0.0	0.0
50	9	0.0	0.0	0.0	0.0	0.0	0.0
50	10	0.0	0.0	0.0	0.0	0.0	0.0
50	11	0.0	0.0	0.0	0.0	0.0	0.0
50	12	0.0	0.0	0.0	0.0	0.0	0.0
50	13	0.0	0.0	0.0	0.0	0.0	0.0
50	14	0.0	0.0	0.0	0.0	0.0	0.0
50	15	0.0	0.0	0.0	0.0	0.0	0.0
50	16	0.0	0.0	0.0	0.0	0.0	0.0
50	17	0.0	0.0	0.0	0.0	0.0	0.0
51	1	0.0	0.0	0.0	0.0	0.0	0.0
51	2	0.0	0.0	0.0	0.0	0.0	0.0
51	3	0.0	0.0	0.0	0.0	0.0	0.0
51	4	0.0	0.0	0.0	0.0	0.0	0.0
51	5	0.0	0.0	0.0	0.0	0.0	0.0
51	6	0.0	0.0	0.0	0.0	0.0	0.0
51	7	0.0	0.0	0.0	0.0	0.0	0.0
51	8	0.0	0.0	0.0	0.0	0.0	0.0
51	9	0.0	0.0	0.0	0.0	0.0	0.0
51	10	0.0	0.0	0.0	0.0	0.0	0.0
51	11	0.0	0.0	0.0	0.0	0.0	0.0
51	12	0.0	0.0	0.0	0.0	0.0	0.0
51	13	0.0	0.0	0.0	0.0	0.0	0.0
51	14	0.0	0.0	0.0	0.0	0.0	0.0
51	15	0.0	0.0	0.0	0.0	0.0	0.0
51	16	0.0	0.0	0.0	0.0	0.0	0.0
51	17	0.0	0.0	0.0	0.0	0.0	0.0
52	1	0.0	0.0	0.0	0.0	0.0	0.0
52	2	0.0	0.0	0.0	0.0	0.0	0.0
52	3	0.0	0.0	0.0	0.0	0.0	0.0
52	4	0.0	0.0	0.0	0.0	0.0	0.0
52	5	0.0	0.0	0.0	0.0	0.0	0.0
52	6	0.0	0.0	0.0	0.0	0.0	0.0
52	7	0.0	0.0	0.0	0.0	0.0	0.0
52	8	0.0	0.0	0.0	0.0	0.0	0.0
52	9	0.0	0.0	0.0	0.0	0.0	0.0
52	10	0.0	0.0	0.0	0.0	0.0	0.0
52	11	0.0	0.0	0.0	0.0	0.0	0.0
52	12	0.0	0.0	0.0	0.0	0.0	0.0
52	13	0.0	0.0	0.0	0.0	0.0	0.0
52	14	0.0	0.0	0.0	0.0	0.0	0.0
52	15	0.0	0.0	0.0	0.0	0.0	0.0
52	16	0.0	0.0	0.0	0.0	0.0	0.0
52	17	0.0	0.0	0.0	0.0	0.0	0.0
53	1	0.0	0.0	0.0	0.0	0.0	0.0
53	2	0.0	0.0	0.0	0.0	0.0	0.0
53	3	0.0	0.0	0.0	0.0	0.0	0.0
53	4	0.0	0.0	0.0	0.0	0.0	0.0
53	5	0.0	0.0	0.0	0.0	0.0	0.0
53	6	0.0	0.0	0.0	0.0	0.0	0.0
53	7	0.0	0.0	0.0	0.0	0.0	0.0
53	8	0.0	0.0	0.0	0.0	0.0	0.0

53	9	0.0	0.0	0.0	0.0	0.0	0.0
53	10	0.0	0.0	0.0	0.0	0.0	0.0
53	11	0.0	0.0	0.0	0.0	0.0	0.0
53	12	0.0	0.0	0.0	0.0	0.0	0.0
53	13	0.0	0.0	0.0	0.0	0.0	0.0
53	14	0.0	0.0	0.0	0.0	0.0	0.0
53	15	0.0	0.0	0.0	0.0	0.0	0.0
53	16	0.0	0.0	0.0	0.0	0.0	0.0
53	17	0.0	0.0	0.0	0.0	0.0	0.0
54	1	0.0	0.0	0.0	0.0	0.0	0.0
54	2	0.0	0.0	0.0	0.0	0.0	0.0
54	3	0.0	0.0	0.0	0.0	0.0	0.0
54	4	0.0	0.0	0.0	0.0	0.0	0.0
54	5	0.0	0.0	0.0	0.0	0.0	0.0
54	6	0.0	0.0	0.0	0.0	0.0	0.0
54	7	0.0	0.0	0.0	0.0	0.0	0.0
54	8	0.0	0.0	0.0	0.0	0.0	0.0
54	9	0.0	0.0	0.0	0.0	0.0	0.0
54	10	0.0	0.0	0.0	0.0	0.0	0.0
54	11	0.0	0.0	0.0	0.0	0.0	0.0
54	12	0.0	0.0	0.0	0.0	0.0	0.0
54	13	0.0	0.0	0.0	0.0	0.0	0.0
54	14	0.0	0.0	0.0	0.0	0.0	0.0
54	15	0.0	0.0	0.0	0.0	0.0	0.0
54	16	0.0	0.0	0.0	0.0	0.0	0.0
54	17	0.0	0.0	0.0	0.0	0.0	0.0
55	1	0.0	0.0	0.0	0.0	0.0	0.0
55	2	0.0	0.0	0.0	0.0	0.0	0.0
55	3	0.0	0.0	0.0	0.0	0.0	0.0
55	4	0.0	0.0	0.0	0.0	0.0	0.0
55	5	0.0	0.0	0.0	0.0	0.0	0.0
55	6	0.0	0.0	0.0	0.0	0.0	0.0
55	7	0.0	0.0	0.0	0.0	0.0	0.0
55	8	0.0	0.0	0.0	0.0	0.0	0.0
55	9	0.0	0.0	0.0	0.0	0.0	0.0
55	10	0.0	0.0	0.0	0.0	0.0	0.0
55	11	0.0	0.0	0.0	0.0	0.0	0.0
55	12	0.0	0.0	0.0	0.0	0.0	0.0
55	13	0.0	0.0	0.0	0.0	0.0	0.0
55	14	0.0	0.0	0.0	0.0	0.0	0.0
55	15	0.0	0.0	0.0	0.0	0.0	0.0
55	16	0.0	0.0	0.0	0.0	0.0	0.0
55	17	0.0	0.0	0.0	0.0	0.0	0.0
56	1	0.0	0.0	0.0	0.0	0.0	0.0
56	2	0.0	0.0	0.0	0.0	0.0	0.0
56	3	0.0	0.0	0.0	0.0	0.0	0.0
56	4	0.0	0.0	0.0	0.0	0.0	0.0
56	5	0.0	0.0	0.0	0.0	0.0	0.0
56	6	0.0	0.0	0.0	0.0	0.0	0.0
56	7	0.0	0.0	0.0	0.0	0.0	0.0
56	8	0.0	0.0	0.0	0.0	0.0	0.0
56	9	0.0	0.0	0.0	0.0	0.0	0.0
56	10	0.0	0.0	0.0	0.0	0.0	0.0
56	11	0.0	0.0	0.0	0.0	0.0	0.0
56	12	0.0	0.0	0.0	0.0	0.0	0.0
56	13	0.0	0.0	0.0	0.0	0.0	0.0
56	14	0.0	0.0	0.0	0.0	0.0	0.0
56	15	0.0	0.0	0.0	0.0	0.0	0.0
56	16	0.0	0.0	0.0	0.0	0.0	0.0
56	17	0.0	0.0	0.0	0.0	0.0	0.0
57	1	1.80e-04	1.10e-04	-3.13e-03	-1.32e-05	-6.09e-06	0.0
57	2	4.31e-03	-2.45e-04	-4.95e-03	-3.08e-05	-1.14e-05	0.0
57	3	1.60e-03	4.34e-04	-1.44e-03	-2.81e-05	1.38e-06	0.0
57	4	2.45e-03	5.69e-04	-2.24e-03	-3.98e-05	1.48e-06	0.0
57	5	6.26e-04	1.30e-04	-1.95e-03	-4.46e-05	-2.75e-06	0.0
57	6	-1.38	0.25	-5.80e-03	9.13e-04	-4.16e-03	-2.88e-04
57	7	-1.08	-0.04	-6.96e-03	6.65e-04	-3.43e-03	2.71e-05
57	8	-0.38	-0.79	-7.68e-03	4.51e-03	-1.27e-03	-3.13e-04
57	9	0.33	-1.18	-8.99e-03	6.48e-03	-6.48e-04	2.82e-04
57	10	-0.74	0.14	-3.10e-03	5.19e-04	-2.21e-03	-1.57e-04
57	11	-0.58	-0.02	-3.71e-03	3.54e-04	-1.82e-03	1.64e-05
57	12	-0.21	-0.43	-4.12e-03	2.46e-03	-6.84e-04	-1.73e-04
57	13	0.18	-0.63	-4.78e-03	3.44e-03	-3.76e-04	1.55e-04
57	14	-0.55	0.10	-2.32e-03	3.89e-04	-1.66e-03	-1.18e-04
57	15	-0.43	-0.02	-2.78e-03	2.65e-04	-1.37e-03	1.25e-05
57	16	-0.16	-0.32	-3.09e-03	1.84e-03	-5.13e-04	-1.30e-04

57	17	0.14	-0.47	-3.59e-03	2.58e-03	-2.82e-04	1.16e-04
58	1	1.13e-03	9.11e-05	-3.13e-03	-1.27e-05	6.87e-06	0.0
58	2	5.23e-03	-1.07e-03	-8.69e-03	-8.34e-05	2.38e-06	-1.69e-06
58	3	1.67e-03	1.46e-04	-2.94e-03	-4.93e-05	-5.34e-06	0.0
58	4	2.56e-03	1.32e-04	-4.49e-03	-7.17e-05	-7.37e-06	0.0
58	5	8.03e-04	5.00e-04	-1.95e-03	-4.51e-05	3.49e-06	0.0
58	6	-1.41	-0.31	5.08e-03	1.34e-03	-4.09e-03	-2.93e-04
58	7	-1.10	0.03	6.40e-03	-2.99e-04	-3.38e-03	2.85e-05
58	8	-0.40	-1.21	-9.37e-03	6.65e-03	8.07e-04	-3.29e-04
58	9	0.33	-0.85	-8.33e-03	4.77e-03	1.16e-03	2.70e-04
58	10	-0.75	-0.17	2.72e-03	7.35e-04	-2.18e-03	-1.60e-04
58	11	-0.59	0.02	3.41e-03	-1.59e-04	-1.80e-03	1.73e-05
58	12	-0.22	-0.64	-4.99e-03	3.53e-03	4.65e-04	-1.81e-04
58	13	0.18	-0.46	-4.46e-03	2.58e-03	6.22e-04	1.49e-04
58	14	-0.56	-0.13	2.04e-03	5.51e-04	-1.63e-03	-1.20e-04
58	15	-0.44	0.01	2.55e-03	-1.19e-04	-1.35e-03	1.33e-05
58	16	-0.17	-0.48	-3.74e-03	2.65e-03	3.49e-04	-1.36e-04
58	17	0.14	-0.34	-3.35e-03	1.94e-03	4.66e-04	1.12e-04
59	1	1.67e-04	-2.06e-05	-3.40e-03	-8.21e-06	1.36e-06	-2.21e-06
59	2	4.19e-03	-6.04e-05	-5.36e-03	-2.33e-05	7.12e-06	-2.62e-06
59	3	1.58e-03	4.31e-04	-1.24e-03	-2.28e-05	0.0	0.0
59	4	2.42e-03	5.78e-04	-1.98e-03	-3.24e-05	1.40e-06	0.0
59	5	6.03e-04	2.99e-04	-1.99e-03	-4.06e-05	3.99e-06	0.0
59	6	-1.38	0.16	4.63e-03	-1.10e-03	-4.25e-03	-2.81e-04
59	7	-1.08	-0.04	2.15e-03	-1.42e-04	-3.35e-03	2.99e-05
59	8	-0.38	-0.83	-9.29e-03	4.68e-03	9.91e-04	-3.16e-04
59	9	0.33	-1.11	-0.01	6.26e-03	1.32e-03	2.72e-04
59	10	-0.74	0.09	2.47e-03	-6.02e-04	-2.26e-03	-1.53e-04
59	11	-0.58	-0.02	1.14e-03	-7.63e-05	-1.78e-03	1.79e-05
59	12	-0.21	-0.45	-5.05e-03	2.54e-03	5.66e-04	-1.74e-04
59	13	0.18	-0.59	-6.56e-03	3.32e-03	7.11e-04	1.50e-04
59	14	-0.55	0.07	1.85e-03	-4.51e-04	-1.69e-03	-1.15e-04
59	15	-0.43	-0.02	8.56e-04	-5.72e-05	-1.34e-03	1.37e-05
59	16	-0.16	-0.34	-3.79e-03	1.90e-03	4.25e-04	-1.30e-04
59	17	0.14	-0.44	-4.92e-03	2.49e-03	5.34e-04	1.13e-04
60	1	1.13e-03	1.29e-06	-3.41e-03	-9.55e-06	0.0	2.32e-06
60	2	5.33e-03	-6.51e-04	-9.05e-03	-8.14e-05	2.79e-05	2.58e-06
60	3	1.68e-03	2.36e-04	-2.68e-03	-4.52e-05	1.34e-05	0.0
60	4	2.58e-03	2.83e-04	-4.15e-03	-6.61e-05	1.96e-05	0.0
60	5	8.01e-04	5.87e-04	-1.99e-03	-4.31e-05	-2.30e-06	0.0
60	6	-1.41	-0.21	-4.61e-03	1.61e-03	-4.35e-03	-2.82e-04
60	7	-1.10	0.02	-1.89e-03	4.60e-04	-3.43e-03	3.55e-05
60	8	-0.40	-1.13	-0.01	6.31e-03	-1.48e-03	-3.26e-04
60	9	0.33	-0.89	-0.01	4.87e-03	-8.20e-04	2.72e-04
60	10	-0.75	-0.11	-2.47e-03	8.65e-04	-2.32e-03	-1.54e-04
60	11	-0.59	0.01	-1.01e-03	2.45e-04	-1.83e-03	2.08e-05
60	12	-0.22	-0.60	-6.74e-03	3.35e-03	-8.04e-04	-1.80e-04
60	13	0.18	-0.48	-5.43e-03	2.62e-03	-4.71e-04	1.50e-04
60	14	-0.56	-0.09	-1.85e-03	6.49e-04	-1.74e-03	-1.16e-04
60	15	-0.44	9.31e-03	-7.54e-04	1.83e-04	-1.37e-03	1.59e-05
60	16	-0.17	-0.45	-5.05e-03	2.51e-03	-6.03e-04	-1.35e-04
60	17	0.14	-0.36	-4.08e-03	1.97e-03	-3.53e-04	1.12e-04
61	1	2.35e-04	2.14e-04	-4.62e-03	-4.10e-05	2.93e-05	0.0
61	2	4.18e-03	-9.25e-04	-0.01	6.08e-05	4.43e-05	1.46e-06
61	3	1.61e-03	3.94e-04	-5.10e-04	-1.84e-06	3.90e-05	0.0
61	4	2.46e-03	4.75e-04	-1.27e-03	1.01e-06	5.57e-05	0.0
61	5	5.89e-04	-1.36e-04	-3.75e-03	-8.86e-05	7.02e-05	0.0
61	6	-1.35	0.35	-0.03	-1.05e-03	-4.58e-03	-3.38e-04
61	7	-1.08	-0.05	-0.02	6.79e-04	-3.91e-03	-4.64e-05
61	8	-0.35	-0.76	-8.73e-03	3.59e-03	-1.33e-03	-3.28e-04
61	9	0.30	-1.26	-5.09e-03	5.69e-03	-6.26e-04	2.94e-04
61	10	-0.72	0.19	-0.01	-5.92e-04	-2.44e-03	-1.83e-04
61	11	-0.57	-0.03	-0.01	3.61e-04	-2.08e-03	-2.65e-05
61	12	-0.19	-0.42	-4.64e-03	1.98e-03	-7.12e-04	-1.81e-04
61	13	0.17	-0.67	-2.84e-03	3.01e-03	-3.66e-04	1.62e-04
61	14	-0.54	0.14	-0.01	-4.44e-04	-1.83e-03	-1.38e-04
61	15	-0.43	-0.02	-9.25e-03	2.70e-04	-1.56e-03	-2.01e-05
61	16	-0.14	-0.32	-3.48e-03	1.48e-03	-5.34e-04	-1.36e-04
61	17	0.13	-0.50	-2.13e-03	2.26e-03	-2.75e-04	1.21e-04
62	1	2.28e-04	-2.39e-04	-5.38e-03	-9.31e-06	-2.40e-05	1.13e-06
62	2	4.23e-03	-3.46e-04	-0.02	4.36e-05	-2.23e-05	1.93e-06
62	3	1.58e-03	3.61e-04	-4.49e-04	4.10e-06	-2.26e-05	0.0
62	4	2.42e-03	4.73e-04	-1.51e-03	7.85e-06	-3.17e-05	0.0
62	5	5.26e-04	3.75e-04	-3.64e-03	-3.99e-05	-5.30e-05	0.0
62	6	-1.35	0.07	0.03	-7.03e-04	-4.70e-03	-3.48e-04
62	7	-1.08	-0.04	0.02	-2.84e-04	-3.82e-03	5.46e-05

62	8	-0.35	-0.89	-0.02	3.68e-03	9.98e-04	-3.24e-04
62	9	0.30	-1.04	-0.03	4.45e-03	1.31e-03	2.97e-04
62	10	-0.72	0.04	0.02	-3.78e-04	-2.50e-03	-1.90e-04
62	11	-0.57	-0.02	0.01	-1.51e-04	-2.03e-03	3.13e-05
62	12	-0.19	-0.48	-0.01	1.98e-03	5.70e-04	-1.79e-04
62	13	0.17	-0.56	-0.01	2.36e-03	7.04e-04	1.63e-04
62	14	-0.54	0.03	0.01	-2.83e-04	-1.88e-03	-1.42e-04
62	15	-0.43	-0.02	9.37e-03	-1.13e-04	-1.52e-03	2.38e-05
62	16	-0.14	-0.36	-7.53e-03	1.49e-03	4.28e-04	-1.34e-04
62	17	0.13	-0.42	-0.01	1.77e-03	5.28e-04	1.22e-04
63	1	1.09e-03	-1.56e-04	-5.43e-03	-1.27e-05	2.56e-05	-2.74e-06
63	2	5.36e-03	-6.75e-04	-0.02	7.71e-05	7.34e-05	-5.99e-06
63	3	1.70e-03	2.54e-04	-5.66e-04	1.86e-05	4.16e-05	0.0
63	4	2.62e-03	3.15e-04	-1.70e-03	2.95e-05	6.04e-05	0.0
63	5	8.54e-04	6.69e-04	-3.70e-03	-4.60e-05	5.52e-05	-2.69e-06
63	6	-1.38	-0.11	-0.03	9.63e-04	-4.84e-03	-4.23e-04
63	7	-1.10	0.02	-0.02	4.60e-04	-3.93e-03	-1.23e-04
63	8	-0.36	-1.05	-0.03	4.50e-03	-1.46e-03	-3.45e-04
63	9	0.30	-0.93	-0.02	3.89e-03	-8.20e-04	2.84e-04
63	10	-0.74	-0.06	-0.02	5.15e-04	-2.58e-03	-2.30e-04
63	11	-0.58	0.01	-0.01	2.45e-04	-2.09e-03	-6.78e-05
63	12	-0.20	-0.56	-0.01	2.39e-03	-7.91e-04	-1.90e-04
63	13	0.17	-0.50	-9.55e-03	2.09e-03	-4.70e-04	1.56e-04
63	14	-0.55	-0.04	-0.01	3.86e-04	-1.93e-03	-1.72e-04
63	15	-0.44	9.17e-03	-8.74e-03	1.84e-04	-1.57e-03	-5.11e-05
63	16	-0.15	-0.42	-0.01	1.79e-03	-5.93e-04	-1.43e-04
63	17	0.13	-0.38	-7.17e-03	1.57e-03	-3.53e-04	1.17e-04
64	1	1.09e-03	1.36e-04	-4.59e-03	-4.24e-05	-2.60e-05	0.0
64	2	5.49e-03	-2.23e-03	-0.01	6.62e-05	-5.57e-05	-3.19e-06
64	3	1.70e-03	-7.23e-05	-7.05e-04	0.0	-4.38e-05	0.0
64	4	2.62e-03	-2.36e-04	-1.56e-03	3.31e-06	-6.28e-05	0.0
64	5	8.21e-04	2.40e-04	-3.77e-03	-9.14e-05	-6.77e-05	0.0
64	6	-1.38	-0.41	0.03	1.28e-03	-4.63e-03	-3.41e-04
64	7	-1.10	0.04	0.02	-4.83e-04	-3.96e-03	-4.46e-05
64	8	-0.36	-1.30	-5.51e-03	5.82e-03	8.09e-04	-3.44e-04
64	9	0.30	-0.81	-8.48e-03	3.82e-03	1.26e-03	2.82e-04
64	10	-0.74	-0.22	0.01	7.07e-04	-2.47e-03	-1.85e-04
64	11	-0.58	0.02	0.01	-2.57e-04	-2.11e-03	-2.57e-05
64	12	-0.20	-0.69	-3.10e-03	3.09e-03	4.68e-04	-1.90e-04
64	13	0.17	-0.45	-4.50e-03	2.08e-03	6.71e-04	1.56e-04
64	14	-0.55	-0.17	0.01	5.31e-04	-1.85e-03	-1.39e-04
64	15	-0.44	0.02	9.21e-03	-1.92e-04	-1.58e-03	-1.95e-05
64	16	-0.15	-0.52	-2.32e-03	2.32e-03	3.51e-04	-1.42e-04
64	17	0.13	-0.33	-3.38e-03	1.56e-03	5.03e-04	1.17e-04
65	1	7.16e-04	2.50e-05	-8.14e-03	-6.88e-06	2.33e-05	0.0
65	2	4.79e-03	3.70e-04	-0.02	-1.43e-05	-8.72e-05	-2.76e-06
65	3	1.65e-03	3.72e-04	-1.07e-03	1.02e-06	-3.52e-05	0.0
65	4	2.53e-03	5.21e-04	-2.64e-03	0.0	-5.29e-05	0.0
65	5	5.66e-04	3.15e-04	-3.64e-03	2.49e-05	5.01e-05	0.0
65	6	-1.24	0.10	-1.43e-03	-5.91e-04	-4.05e-03	-2.08e-04
65	7	-1.07	-0.04	6.39e-04	-1.35e-04	-3.55e-03	-1.46e-04
65	8	-0.24	-0.87	9.96e-03	3.67e-03	-6.55e-04	-3.18e-04
65	9	0.20	-1.06	0.01	4.50e-03	6.90e-04	2.74e-04
65	10	-0.66	0.05	-7.94e-04	-3.20e-04	-2.16e-03	-1.12e-04
65	11	-0.57	-0.02	3.70e-04	-7.22e-05	-1.89e-03	-8.56e-05
65	12	-0.13	-0.47	5.37e-03	1.98e-03	-3.69e-04	-1.75e-04
65	13	0.11	-0.57	6.48e-03	2.39e-03	3.75e-04	1.51e-04
65	14	-0.50	0.04	-6.00e-04	-2.40e-04	-1.62e-03	-8.37e-05
65	15	-0.43	-0.01	2.82e-04	-5.42e-05	-1.42e-03	-6.54e-05
65	16	-0.10	-0.35	4.03e-03	1.48e-03	-2.76e-04	-1.32e-04
65	17	0.08	-0.42	4.86e-03	1.80e-03	2.81e-04	1.13e-04
66	1	6.56e-04	1.29e-04	-1.87e-03	-5.08e-05	-1.93e-06	0.0
66	2	4.65e-03	2.62e-04	-9.96e-03	-3.19e-04	1.35e-05	1.66e-06
66	3	1.63e-03	4.51e-04	-3.79e-03	-1.12e-04	-6.05e-06	0.0
66	4	2.49e-03	6.23e-04	-5.72e-03	-1.70e-04	-7.41e-06	0.0
66	5	4.06e-04	2.26e-04	1.29e-04	1.69e-05	-7.34e-06	0.0
66	6	-1.24	0.19	-2.36e-03	6.74e-04	-3.24e-04	-2.68e-04
66	7	-1.07	-0.04	-2.38e-03	1.15e-03	-3.06e-04	3.56e-05
66	8	-0.24	-0.81	-2.60e-03	3.80e-03	-6.02e-04	-2.52e-04
66	9	0.20	-1.13	-2.82e-03	5.07e-03	-6.89e-04	2.38e-04
66	10	-0.66	0.11	-1.26e-03	3.80e-04	-1.87e-04	-1.48e-04
66	11	-0.57	-0.02	-1.27e-03	6.11e-04	-1.73e-04	2.09e-05
66	12	-0.13	-0.44	-1.39e-03	2.05e-03	-3.23e-04	-1.40e-04
66	13	0.11	-0.60	-1.51e-03	2.69e-03	-3.67e-04	1.31e-04
66	14	-0.50	0.08	-9.44e-04	2.85e-04	-1.43e-04	-1.11e-04
66	15	-0.43	-0.02	-9.50e-04	4.58e-04	-1.31e-04	1.60e-05

66	16	-0.10	-0.33	-1.04e-03	1.54e-03	-2.43e-04	-1.05e-04
66	17	0.08	-0.45	-1.13e-03	2.02e-03	-2.75e-04	9.82e-05
67	1	7.05e-04	2.29e-04	-2.92e-03	-3.90e-05	5.22e-06	-1.02e-06
67	2	5.00e-03	6.22e-04	-5.85e-03	-3.94e-04	1.86e-05	-1.36e-06
67	3	1.70e-03	3.41e-04	-2.21e-03	-1.57e-04	9.12e-06	0.0
67	4	2.62e-03	4.83e-04	-3.33e-03	-2.36e-04	1.35e-05	0.0
67	5	7.15e-04	3.62e-04	-3.48e-03	1.06e-05	7.68e-06	-1.49e-06
67	6	-1.25	-0.04	-1.85e-03	-7.53e-05	-4.96e-04	2.00e-03
67	7	-1.07	-0.03	-1.77e-03	-4.59e-05	-4.14e-04	1.46e-03
67	8	-0.24	-0.95	-3.33e-03	2.05e-03	-2.63e-04	-3.20e-04
67	9	0.20	-0.97	-3.39e-03	2.11e-03	-1.62e-04	2.73e-04
67	10	-0.67	-0.02	-9.87e-04	-4.02e-05	-2.92e-04	1.18e-03
67	11	-0.57	-0.01	-9.42e-04	-2.45e-05	-2.45e-04	8.59e-04
67	12	-0.13	-0.51	-1.78e-03	1.10e-03	-1.40e-04	-1.77e-04
67	13	0.11	-0.52	-1.82e-03	1.13e-03	-8.95e-05	1.51e-04
67	14	-0.50	-0.02	-7.40e-04	-3.02e-05	-2.20e-04	8.82e-04
67	15	-0.43	-0.01	-7.05e-04	-1.84e-05	-1.88e-04	6.58e-04
67	16	-0.10	-0.38	-1.34e-03	8.22e-04	-1.06e-04	-1.33e-04
67	17	0.08	-0.39	-1.36e-03	8.45e-04	-6.74e-05	1.14e-04
68	1	7.29e-04	6.69e-05	-9.51e-03	-4.91e-06	-3.69e-05	8.68e-06
68	2	5.33e-03	-8.76e-05	-0.03	-2.17e-04	6.46e-05	2.15e-05
68	3	1.79e-03	2.42e-04	-2.20e-03	-8.01e-05	4.75e-06	0.0
68	4	2.75e-03	3.24e-04	-4.58e-03	-1.21e-04	1.00e-05	1.86e-06
68	5	8.71e-04	6.18e-04	-4.33e-03	3.92e-05	-8.04e-05	1.19e-05
68	6	-1.26	-0.14	8.71e-03	-3.59e-04	-5.45e-03	3.22e-04
68	7	-1.08	0.02	6.03e-03	-5.47e-04	-4.90e-03	5.11e-04
68	8	-0.24	-1.07	0.01	4.03e-03	9.49e-04	-3.52e-04
68	9	0.20	-0.92	0.01	3.60e-03	1.44e-03	2.73e-04
68	10	-0.67	-0.08	4.64e-03	-1.99e-04	-2.90e-03	1.88e-04
68	11	-0.58	0.01	3.21e-03	-2.91e-04	-2.60e-03	2.82e-04
68	12	-0.14	-0.57	7.47e-03	2.15e-03	5.38e-04	-1.93e-04
68	13	0.11	-0.49	5.95e-03	1.92e-03	7.67e-04	1.51e-04
68	14	-0.50	-0.06	3.48e-03	-1.49e-04	-2.17e-03	1.43e-04
68	15	-0.43	8.77e-03	2.41e-03	-2.18e-04	-1.95e-03	2.13e-04
68	16	-0.10	-0.43	5.61e-03	1.61e-03	4.04e-04	-1.45e-04
68	17	0.08	-0.37	4.47e-03	1.44e-03	5.75e-04	1.13e-04
69	1	6.87e-04	1.47e-04	-7.76e-03	2.41e-05	2.78e-06	-1.04e-06
69	2	4.55e-03	-1.75e-04	-0.02	1.07e-05	2.26e-04	0.0
69	3	1.62e-03	3.58e-04	-1.69e-03	1.59e-05	9.20e-05	0.0
69	4	2.48e-03	4.73e-04	-3.25e-03	2.19e-05	1.39e-04	0.0
69	5	1.73e-04	-3.98e-05	-4.97e-03	5.71e-05	-6.44e-05	1.63e-06
69	6	-1.20	0.30	-1.89e-03	5.08e-04	-4.90e-03	-2.83e-04
69	7	-1.07	-0.04	-3.43e-03	8.19e-04	-4.74e-03	3.35e-05
69	8	-0.19	-0.77	-7.88e-03	2.36e-03	-1.30e-03	-3.19e-04
69	9	0.15	-1.22	-0.01	3.58e-03	-1.14e-03	2.70e-04
69	10	-0.64	0.17	-1.09e-03	2.97e-04	-2.61e-03	-1.54e-04
69	11	-0.57	-0.03	-1.82e-03	4.36e-04	-2.52e-03	2.01e-05
69	12	-0.11	-0.42	-4.31e-03	1.29e-03	-6.92e-04	-1.76e-04
69	13	0.09	-0.65	-6.29e-03	1.90e-03	-6.15e-04	1.49e-04
69	14	-0.48	0.12	-8.19e-04	2.23e-04	-1.95e-03	-1.16e-04
69	15	-0.43	-0.02	-1.37e-03	3.26e-04	-1.89e-03	1.54e-05
69	16	-0.08	-0.32	-3.23e-03	9.70e-04	-5.19e-04	-1.32e-04
69	17	0.06	-0.49	-4.72e-03	1.42e-03	-4.62e-04	1.12e-04
70	1	8.72e-04	1.59e-04	-7.24e-03	2.32e-05	5.08e-05	1.31e-06
70	2	6.37e-03	-1.17e-03	-0.02	-4.20e-05	1.20e-04	-1.35e-06
70	3	2.10e-03	-2.28e-05	-1.11e-03	-7.69e-06	5.60e-05	-1.08e-06
70	4	3.23e-03	-1.02e-04	-2.39e-03	-1.31e-05	8.19e-05	-1.76e-06
70	5	1.36e-03	3.71e-04	-4.88e-03	5.91e-05	9.65e-05	-1.94e-06
70	6	-1.22	-0.36	-7.00e-03	-7.28e-04	-7.23e-03	-2.78e-04
70	7	-1.09	0.03	-2.81e-03	-3.70e-04	-6.81e-03	4.00e-05
70	8	-0.20	-1.26	-0.02	3.75e-03	1.04e-03	-3.10e-04
70	9	0.16	-0.83	-0.01	2.53e-03	1.32e-03	2.75e-04
70	10	-0.65	-0.20	-3.76e-03	-4.07e-04	-3.85e-03	-1.52e-04
70	11	-0.58	0.02	-1.51e-03	-1.97e-04	-3.62e-03	2.34e-05
70	12	-0.11	-0.67	-8.01e-03	1.99e-03	5.79e-04	-1.72e-04
70	13	0.09	-0.45	-5.51e-03	1.37e-03	6.99e-04	1.51e-04
70	14	-0.49	-0.15	-2.82e-03	-3.05e-04	-2.88e-03	-1.14e-04
70	15	-0.43	0.01	-1.13e-03	-1.47e-04	-2.71e-03	1.79e-05
70	16	-0.08	-0.50	-6.00e-03	1.49e-03	4.34e-04	-1.29e-04
70	17	0.07	-0.34	-4.13e-03	1.03e-03	5.24e-04	1.14e-04
71	1	4.94e-04	2.72e-04	-1.99e-03	7.52e-06	2.93e-06	1.02e-06
71	2	2.50e-03	4.75e-04	-0.01	5.21e-05	1.33e-05	7.11e-06
71	3	8.39e-04	2.31e-04	-5.99e-03	2.05e-05	5.05e-06	2.10e-06
71	4	1.30e-03	3.23e-04	-8.99e-03	3.08e-05	7.72e-06	3.31e-06
71	5	6.05e-04	3.25e-04	-1.71e-05	3.26e-06	3.84e-06	1.01e-06
71	6	-2.08	-0.04	-7.60e-05	4.02e-05	-0.01	4.21e-03

71	7	-1.73	-0.03	-5.35e-05	2.78e-05	-8.88e-03	3.88e-03
71	8	-0.09	-0.93	1.94e-03	7.34e-04	-3.89e-04	-2.95e-04
71	9	0.06	-0.95	2.00e-03	7.52e-04	2.55e-04	2.63e-04
71	10	-1.23	-0.02	-4.04e-05	2.15e-05	-6.16e-03	2.49e-03
71	11	-1.02	-0.01	-2.85e-05	1.48e-05	-5.25e-03	2.30e-03
71	12	-0.05	-0.50	1.04e-03	3.93e-04	-2.17e-04	-1.64e-04
71	13	0.03	-0.51	1.07e-03	4.02e-04	1.46e-04	1.45e-04
71	14	-0.92	-0.02	-3.03e-05	1.62e-05	-4.62e-03	1.87e-03
71	15	-0.78	-0.01	-2.14e-05	1.11e-05	-4.02e-03	1.76e-03
71	16	-0.04	-0.37	7.78e-04	2.95e-04	-1.62e-04	-1.24e-04
71	17	0.03	-0.38	8.03e-04	3.02e-04	1.09e-04	1.09e-04
72	1	6.24e-04	8.04e-05	-0.03	-1.16e-04	-2.14e-04	0.0
72	2	4.22e-03	-3.82e-04	-2.59e-03	-8.28e-05	7.85e-05	1.07e-06
72	3	1.56e-03	3.02e-04	8.16e-03	-4.65e-05	4.93e-05	0.0
72	4	2.36e-03	3.85e-04	0.01	-6.70e-05	6.97e-05	0.0
72	5	-4.61e-04	-2.29e-05	-0.05	-1.84e-04	-4.60e-04	0.0
72	6	-1.13	0.36	-0.70	6.38e-04	-4.98e-03	-2.77e-04
72	7	-1.06	-0.05	-0.74	1.03e-03	-5.07e-03	1.82e-05
72	8	-0.13	-0.75	-0.19	2.55e-03	-8.69e-04	-2.99e-04
72	9	0.09	-1.26	-0.27	3.99e-03	-1.04e-03	2.55e-04
72	10	-0.60	0.20	-0.38	3.74e-04	-2.66e-03	-1.52e-04
72	11	-0.57	-0.03	-0.39	5.52e-04	-2.70e-03	1.09e-05
72	12	-0.07	-0.42	-0.10	1.40e-03	-4.65e-04	-1.65e-04
72	13	0.05	-0.67	-0.14	2.12e-03	-5.56e-04	1.41e-04
72	14	-0.45	0.15	-0.28	2.81e-04	-1.99e-03	-1.14e-04
72	15	-0.42	-0.02	-0.30	4.14e-04	-2.02e-03	8.36e-06
72	16	-0.05	-0.31	-0.08	1.05e-03	-3.48e-04	-1.24e-04
72	17	0.04	-0.50	-0.11	1.59e-03	-4.18e-04	1.06e-04
73	1	9.56e-04	2.05e-04	-0.04	-8.19e-05	2.85e-04	0.0
73	2	7.42e-03	-1.09e-03	-0.15	-6.07e-04	1.28e-03	0.0
73	3	2.42e-03	-6.39e-05	-0.05	-2.55e-04	4.93e-04	0.0
73	4	3.76e-03	-1.51e-04	-0.08	-3.79e-04	7.45e-04	0.0
73	5	1.95e-03	4.66e-04	-0.06	-1.28e-04	5.21e-04	0.0
73	6	-1.16	-0.42	0.99	-1.16e-03	-7.05e-03	-2.90e-04
73	7	-1.08	0.03	1.02	-1.83e-03	-7.09e-03	-2.28e-05
73	8	-0.13	-1.31	-0.30	4.11e-03	1.43e-03	-3.06e-04
73	9	0.09	-0.81	-0.23	2.76e-03	1.15e-03	2.58e-04
73	10	-0.62	-0.23	0.53	-6.40e-04	-3.75e-03	-1.58e-04
73	11	-0.58	0.02	0.54	-9.75e-04	-1.33e-03	-1.33e-05
73	12	-0.07	-0.70	-0.16	2.18e-03	7.70e-04	-1.69e-04
73	13	0.05	-0.44	-0.12	1.50e-03	6.19e-04	1.42e-04
73	14	-0.46	-0.17	0.40	-4.81e-04	-2.81e-03	-1.19e-04
73	15	-0.43	0.01	0.41	-7.31e-04	-2.83e-03	-1.02e-05
73	16	-0.05	-0.52	-0.12	1.64e-03	5.78e-04	-1.27e-04
73	17	0.04	-0.33	-0.09	1.13e-03	4.65e-04	1.07e-04
74	1	6.21e-04	1.08e-04	-0.01	1.15e-05	-5.98e-05	0.0
74	2	4.15e-03	-1.38e-04	-0.02	-5.25e-05	1.78e-04	1.52e-06
74	3	1.56e-03	3.32e-04	-1.60e-03	-2.17e-05	9.58e-05	0.0
74	4	2.35e-03	4.35e-04	-3.12e-03	-3.16e-05	1.38e-04	0.0
74	5	-4.36e-04	-8.42e-05	-4.95e-03	4.56e-05	-1.91e-04	0.0
74	6	-1.12	0.32	-0.02	-1.46e-03	-5.57e-03	-2.95e-04
74	7	-1.06	-0.05	-0.01	2.96e-04	-5.45e-03	2.04e-05
74	8	-0.12	-0.76	0.02	3.84e-03	-6.19e-04	-3.21e-04
74	9	0.08	-1.24	0.03	6.11e-03	-3.67e-04	2.97e-04
74	10	-0.60	0.18	-0.01	-8.04e-04	-2.96e-03	-1.62e-04
74	11	-0.57	-0.03	-6.88e-03	1.58e-04	-2.90e-03	1.13e-05
74	12	-0.07	-0.42	8.69e-03	2.12e-03	-3.30e-04	-1.78e-04
74	13	0.04	-0.66	0.01	3.24e-03	-2.04e-04	1.63e-04
74	14	-0.45	0.13	-7.63e-03	-6.03e-04	-2.22e-03	-1.21e-04
74	15	-0.43	-0.02	-5.15e-03	1.18e-04	-2.17e-03	8.59e-06
74	16	-0.05	-0.32	6.52e-03	1.59e-03	-2.48e-04	-1.33e-04
74	17	0.03	-0.49	0.01	2.43e-03	-1.53e-04	1.22e-04
75	1	7.04e-04	1.62e-04	-1.93e-03	4.24e-06	0.0	0.0
75	2	4.33e-03	2.29e-04	-0.01	-8.94e-06	-8.40e-05	0.0
75	3	1.51e-03	3.58e-04	-5.00e-03	-4.88e-06	-4.48e-05	0.0
75	4	2.31e-03	4.91e-04	-7.50e-03	-6.92e-06	-6.58e-05	0.0
75	5	-1.81e-04	1.51e-04	4.69e-04	5.83e-06	3.03e-05	0.0
75	6	-1.12	0.19	-3.63e-03	-1.01e-03	4.50e-04	-2.30e-04
75	7	-1.06	-0.04	-3.31e-03	2.17e-04	4.55e-04	2.55e-05
75	8	-0.12	-0.81	6.58e-04	4.33e-03	5.77e-05	-2.45e-04
75	9	0.08	-1.13	9.91e-04	6.02e-03	8.60e-05	2.25e-04
75	10	-0.60	0.11	-1.93e-03	-5.56e-04	2.47e-04	-1.25e-04
75	11	-0.56	-0.02	-1.76e-03	1.18e-04	2.47e-04	1.54e-05
75	12	-0.07	-0.44	3.70e-04	2.35e-03	3.21e-05	-1.36e-04
75	13	0.04	-0.60	5.26e-04	3.20e-03	4.61e-05	1.24e-04
75	14	-0.45	0.08	-1.45e-03	-4.17e-04	1.86e-04	-9.39e-05

75	15	-0.42	-0.02	-1.32e-03	8.84e-05	1.86e-04	1.18e-05
75	16	-0.05	-0.33	2.78e-04	1.76e-03	2.42e-05	-1.02e-04
75	17	0.03	-0.45	3.95e-04	2.40e-03	3.47e-05	9.31e-05
76	1	7.81e-04	1.84e-04	-0.01	1.40e-05	1.36e-05	0.0
76	2	4.50e-03	7.44e-04	-0.03	0.0	-5.53e-05	5.91e-06
76	3	1.49e-03	3.63e-04	-1.04e-03	0.0	-5.51e-05	0.0
76	4	2.31e-03	5.24e-04	-2.94e-03	0.0	-7.63e-05	0.0
76	5	-4.82e-05	3.62e-04	-2.71e-03	-4.25e-06	1.91e-05	3.05e-06
76	6	-1.12	0.10	0.01	-4.03e-04	-5.15e-03	-3.14e-04
76	7	-1.06	-0.04	0.02	1.66e-04	-4.96e-03	1.86e-05
76	8	-0.12	-0.87	9.76e-03	3.87e-03	-5.10e-04	-3.30e-04
76	9	0.08	-1.06	0.01	4.70e-03	2.87e-04	2.88e-04
76	10	-0.60	0.05	7.72e-03	-2.25e-04	-2.74e-03	-1.72e-04
76	11	-0.57	-0.02	8.03e-03	8.86e-05	-2.64e-03	1.13e-05
76	12	-0.07	-0.47	5.25e-03	2.08e-03	-2.78e-04	-1.82e-04
76	13	0.04	-0.57	6.37e-03	2.50e-03	1.60e-04	1.58e-04
76	14	-0.45	0.04	5.79e-03	-1.68e-04	-2.06e-03	-1.29e-04
76	15	-0.42	-0.01	6.01e-03	6.63e-05	-1.97e-03	8.67e-06
76	16	-0.05	-0.35	3.94e-03	1.56e-03	-2.09e-04	-1.37e-04
76	17	0.03	-0.42	4.78e-03	1.87e-03	1.20e-04	1.19e-04
77	1	-7.07e-03	1.73e-04	-9.85e-03	1.48e-05	-3.03e-05	-4.60e-06
77	2	-0.01	2.10e-05	-0.04	6.53e-05	-3.98e-05	-2.31e-05
77	3	1.99e-03	8.01e-05	-3.45e-03	2.33e-05	1.84e-05	0.0
77	4	9.00e-04	9.92e-05	-6.55e-03	3.56e-05	1.75e-05	-3.54e-06
77	5	-9.77e-03	5.37e-04	-2.62e-03	-5.75e-06	-5.25e-05	-1.22e-05
77	6	-1.61	-0.14	-7.41e-03	6.43e-04	-8.64e-03	-5.91e-04
77	7	-1.53	0.02	-8.38e-03	1.18e-04	-8.29e-03	-3.01e-04
77	8	-0.16	-1.07	0.01	4.69e-03	-8.41e-04	-3.35e-04
77	9	0.10	-0.92	0.01	4.04e-03	5.29e-04	2.90e-04
77	10	-0.86	-0.08	-3.97e-03	3.48e-04	-4.60e-03	-3.22e-04
77	11	-0.82	0.01	-4.47e-03	6.27e-05	-4.41e-03	-1.67e-04
77	12	-0.09	-0.57	6.67e-03	2.49e-03	-4.61e-04	-1.86e-04
77	13	0.05	-0.49	5.66e-03	2.17e-03	2.91e-04	1.60e-04
77	14	-0.65	-0.06	-2.98e-03	2.61e-04	-3.45e-03	-2.42e-04
77	15	-0.61	8.80e-03	-3.35e-03	4.70e-05	-3.30e-03	-1.26e-04
77	16	-0.06	-0.43	5.00e-03	1.87e-03	-3.45e-04	-1.39e-04
77	17	0.04	-0.37	4.25e-03	1.63e-03	2.19e-04	1.20e-04
78	1	9.52e-04	1.62e-04	-0.01	3.06e-05	1.52e-04	0.0
78	2	7.45e-03	-1.12e-03	-0.02	1.33e-04	6.62e-04	0.0
78	3	2.42e-03	-7.88e-05	-1.70e-03	5.39e-05	2.41e-04	0.0
78	4	3.77e-03	-1.80e-04	-3.26e-03	8.21e-05	3.68e-04	0.0
78	5	1.94e-03	3.54e-04	-4.74e-03	6.58e-05	2.96e-04	0.0
78	6	-1.15	-0.38	0.02	1.30e-03	-7.87e-03	-3.11e-04
78	7	-1.08	0.03	9.51e-03	-6.24e-04	-7.70e-03	1.90e-05
78	8	-0.12	-1.28	0.03	6.23e-03	9.09e-04	-3.57e-04
78	9	0.08	-0.82	0.02	4.08e-03	7.69e-04	2.73e-04
78	10	-0.61	-0.21	8.58e-03	7.27e-04	-4.19e-03	-1.70e-04
78	11	-0.58	0.02	5.06e-03	-3.32e-04	-4.10e-03	1.14e-05
78	12	-0.07	-0.68	0.01	3.31e-03	4.96e-04	-1.97e-04
78	13	0.05	-0.45	8.79e-03	2.22e-03	4.10e-04	1.51e-04
78	14	-0.46	-0.15	6.43e-03	5.45e-04	-3.14e-03	-1.27e-04
78	15	-0.43	0.01	3.79e-03	-2.49e-04	-3.07e-03	8.76e-06
78	16	-0.05	-0.51	0.01	2.48e-03	3.72e-04	-1.48e-04
78	17	0.03	-0.34	6.60e-03	1.67e-03	3.08e-04	1.14e-04
79	1	4.92e-04	7.84e-05	-3.87e-03	6.27e-06	-2.07e-04	0.0
79	2	4.00e-03	-3.85e-04	-5.14e-03	-5.32e-06	2.51e-05	0.0
79	3	1.49e-03	3.01e-04	-1.99e-03	-2.36e-06	1.77e-05	0.0
79	4	2.25e-03	3.85e-04	-3.00e-03	-3.54e-06	2.52e-05	0.0
79	5	-6.82e-04	7.91e-06	-3.40e-03	1.22e-05	-4.39e-04	0.0
79	6	-1.04	0.33	-6.22e-03	-1.43e-03	-3.09e-03	-2.57e-04
79	7	-1.06	-0.05	-6.58e-03	2.01e-04	-3.17e-03	2.17e-05
79	8	-0.09	-0.76	-7.29e-04	3.43e-03	-3.01e-04	-2.69e-04
79	9	0.03	-1.25	-3.48e-04	5.54e-03	-1.08e-04	2.54e-04
79	10	-0.56	0.18	-3.47e-03	-7.85e-04	-1.67e-03	-1.41e-04
79	11	-0.56	-0.03	-3.69e-03	1.12e-04	-1.72e-03	1.30e-05
79	12	-0.05	-0.42	-4.27e-04	1.89e-03	-1.66e-04	-1.50e-04
79	13	0.02	-0.66	-1.90e-04	2.94e-03	-5.84e-05	1.40e-04
79	14	-0.42	0.14	-2.63e-03	-5.89e-04	-1.25e-03	-1.06e-04
79	15	-0.42	-0.02	-2.80e-03	8.45e-05	-1.29e-03	9.99e-06
79	16	-0.04	-0.31	-3.29e-04	1.42e-03	-1.26e-04	-1.12e-04
79	17	0.01	-0.50	-1.44e-04	2.21e-03	-4.41e-05	1.05e-04
80	1	4.98e-04	6.36e-05	-0.07	2.32e-05	-4.05e-04	0.0
80	2	3.98e-03	-4.89e-04	-0.02	-1.41e-05	-6.34e-05	0.0
80	3	1.49e-03	2.86e-04	-3.96e-03	-2.63e-06	-1.27e-05	0.0
80	4	2.25e-03	3.59e-04	-6.31e-03	-4.46e-06	-2.14e-05	0.0
80	5	-6.60e-04	-2.36e-05	-0.12	4.10e-05	-7.35e-04	0.0

80	6	-1.04	0.38	-0.65	-3.83e-04	-3.91e-03	-2.83e-04
80	7	-1.06	-0.05	-0.68	-8.14e-05	-4.06e-03	2.34e-05
80	8	-0.10	-0.74	-0.07	1.21e-03	-4.13e-04	-3.03e-04
80	9	0.03	-1.29	-0.02	1.73e-03	-1.43e-04	2.65e-04
80	10	-0.56	0.21	-0.36	-2.09e-04	-2.14e-03	-1.54e-04
80	11	-0.57	-0.03	-0.37	-4.67e-05	-2.22e-03	1.41e-05
80	12	-0.05	-0.41	-0.04	6.57e-04	-2.33e-04	-1.68e-04
80	13	0.02	-0.68	-0.01	9.21e-04	-7.85e-05	1.46e-04
80	14	-0.42	0.16	-0.27	-1.57e-04	-1.61e-03	-1.16e-04
80	15	-0.42	-0.02	-0.28	-3.56e-05	-1.68e-03	1.08e-05
80	16	-0.04	-0.31	-0.03	4.93e-04	-1.78e-04	-1.26e-04
80	17	0.01	-0.51	-9.78e-03	6.92e-04	-5.95e-05	1.10e-04
81	1	6.05e-04	2.56e-04	-1.65e-03	0.0	1.76e-05	0.0
81	2	4.10e-03	3.18e-04	-3.72e-03	0.0	-4.53e-05	1.41e-06
81	3	1.45e-03	2.74e-04	-1.52e-03	0.0	-1.93e-05	0.0
81	4	2.22e-03	3.96e-04	-2.27e-03	0.0	-2.88e-05	0.0
81	5	-4.27e-04	2.53e-04	8.92e-04	0.0	7.75e-05	0.0
81	6	-1.03	0.19	-2.49e-03	-9.31e-04	-5.43e-04	-2.38e-04
81	7	-1.05	-0.04	-2.56e-03	1.96e-04	-5.53e-04	1.96e-05
81	8	-0.09	-0.81	-2.45e-04	3.72e-03	-5.19e-05	-2.66e-04
81	9	0.03	-1.12	6.68e-05	5.27e-03	1.34e-05	2.41e-04
81	10	-0.55	0.10	-1.34e-03	-5.14e-04	-2.91e-04	-1.31e-04
81	11	-0.56	-0.02	-1.38e-03	1.06e-04	-2.97e-04	1.11e-05
81	12	-0.05	-0.44	-1.34e-04	2.02e-03	-2.80e-05	-1.47e-04
81	13	0.02	-0.60	3.68e-05	2.80e-03	7.28e-06	1.33e-04
81	14	-0.41	0.08	-1.01e-03	-3.85e-04	-2.19e-04	-9.80e-05
81	15	-0.42	-0.02	-1.04e-03	7.99e-05	-2.23e-04	8.47e-06
81	16	-0.04	-0.33	-1.01e-04	1.52e-03	-2.11e-05	-1.10e-04
81	17	0.01	-0.45	2.79e-05	2.10e-03	5.49e-06	9.96e-05
82	1	6.06e-04	2.65e-04	-2.42e-03	1.63e-06	-2.67e-05	0.0
82	2	4.03e-03	6.46e-04	-2.34e-03	5.33e-06	-4.21e-05	0.0
82	3	1.45e-03	3.29e-04	-3.44e-04	3.38e-06	-2.30e-05	0.0
82	4	2.21e-03	4.69e-04	-5.94e-04	4.82e-06	-3.34e-05	0.0
82	5	-3.93e-04	2.38e-04	-3.84e-04	0.0	-1.89e-05	0.0
82	6	-1.03	0.10	6.20e-03	-2.13e-05	-2.27e-03	-2.45e-04
82	7	-1.05	-0.04	6.16e-03	-1.95e-05	-2.33e-03	2.36e-05
82	8	-0.09	-0.86	-1.69e-03	-3.53e-04	-2.09e-04	-2.75e-04
82	9	0.03	-1.06	-1.61e-03	-4.07e-04	6.70e-05	2.28e-04
82	10	-0.55	0.05	3.31e-03	-1.23e-05	-1.21e-03	-1.34e-04
82	11	-0.56	-0.02	3.28e-03	-1.07e-05	-1.24e-03	1.40e-05
82	12	-0.05	-0.46	-9.06e-04	-1.90e-04	-1.12e-04	-1.52e-04
82	13	0.02	-0.56	-8.58e-04	-2.20e-04	3.57e-05	1.27e-04
82	14	-0.41	0.04	2.48e-03	-9.38e-06	-9.11e-04	-1.00e-04
82	15	-0.42	-0.01	2.46e-03	-8.10e-06	-9.29e-04	1.07e-05
82	16	-0.04	-0.35	-6.80e-04	-1.43e-04	-8.38e-05	-1.14e-04
82	17	0.01	-0.42	-6.44e-04	-1.66e-04	2.67e-05	9.51e-05
83	1	1.87e-04	3.28e-04	-1.54e-03	1.23e-05	1.35e-06	0.0
83	2	8.14e-04	4.09e-04	-0.01	9.87e-05	6.41e-06	1.52e-06
83	3	3.14e-04	1.53e-04	-4.63e-03	3.96e-05	2.44e-06	0.0
83	4	4.80e-04	2.10e-04	-6.95e-03	5.94e-05	3.72e-06	0.0
83	5	2.47e-04	2.96e-04	3.59e-06	-1.16e-06	1.71e-06	0.0
83	6	-2.69	-0.04	7.88e-05	3.61e-05	-0.01	-9.66e-04
83	7	-2.62	-0.03	4.78e-05	2.27e-05	-0.01	-7.65e-04
83	8	-0.03	-0.92	-1.96e-03	8.26e-04	-1.40e-04	-1.90e-04
83	9	-0.02	-0.94	-2.02e-03	8.49e-04	-1.21e-04	-1.37e-04
83	10	-1.60	-0.02	4.23e-05	1.93e-05	-8.13e-03	-5.73e-04
83	11	-1.56	-0.01	2.55e-05	1.21e-05	-7.93e-03	-4.58e-04
83	12	-0.01	-0.49	-1.05e-03	4.42e-04	-7.65e-05	-1.12e-04
83	13	-0.01	-0.50	-1.08e-03	4.54e-04	-6.82e-05	-8.00e-05
83	14	-1.20	-0.02	3.18e-05	1.45e-05	-6.11e-03	-4.33e-04
83	15	-1.20	-0.01	1.92e-05	9.08e-06	-6.08e-03	-3.52e-04
83	16	-0.01	-0.37	-7.89e-04	3.32e-04	-5.76e-05	-8.51e-05
83	17	-0.01	-0.38	-8.11e-04	3.41e-04	-5.16e-05	-6.07e-05
84	1	8.28e-04	2.37e-04	-2.78e-03	1.03e-06	1.00e-04	-1.12e-05
84	2	6.78e-03	-3.14e-04	-0.01	1.06e-04	2.29e-04	-2.82e-05
84	3	2.33e-03	1.92e-05	-3.79e-03	4.36e-05	9.79e-05	0.0
84	4	3.58e-03	-6.52e-06	-5.77e-03	6.51e-05	1.45e-04	-3.45e-06
84	5	1.56e-03	3.61e-04	-2.79e-04	0.0	1.52e-05	-1.58e-05
84	6	-1.05	-0.14	-3.62e-03	-5.14e-05	-3.13e-03	-9.94e-04
84	7	-1.07	0.02	-3.49e-03	-2.17e-05	-3.18e-03	-7.31e-04
84	8	-0.10	-1.06	-1.53e-03	-4.44e-04	-2.86e-04	-2.87e-04
84	9	0.03	-0.91	-1.43e-03	-4.12e-04	7.73e-05	2.45e-04
84	10	-0.56	-0.08	-1.93e-03	-2.82e-05	-1.67e-03	-5.44e-04
84	11	-0.57	0.01	-1.87e-03	-1.16e-05	-1.70e-03	-4.03e-04
84	12	-0.05	-0.57	-8.15e-04	-2.39e-04	-1.52e-04	-1.60e-04
84	13	0.01	-0.49	-7.69e-04	-2.22e-04	4.13e-05	1.36e-04

84	14	-0.42	-0.06	-1.45e-03	-2.12e-05	-1.25e-03	-4.11e-04
84	15	-0.43	8.74e-03	-1.40e-03	-8.72e-06	-1.27e-03	-3.04e-04
84	16	-0.04	-0.42	-6.11e-04	-1.80e-04	-1.14e-04	-1.20e-04
84	17	0.01	-0.37	-5.77e-04	-1.67e-04	3.10e-05	1.02e-04
85	1	7.81e-04	3.37e-04	-1.45e-03	1.90e-06	-9.49e-05	2.11e-06
85	2	6.67e-03	-7.95e-04	-1.77e-03	1.00e-04	-2.44e-04	2.88e-06
85	3	2.27e-03	-6.55e-05	-7.39e-04	3.93e-05	-9.70e-05	0.0
85	4	3.50e-03	-1.23e-04	-1.10e-03	5.90e-05	-1.46e-04	0.0
85	5	1.66e-03	6.27e-04	1.20e-03	2.03e-06	-7.72e-05	3.51e-06
85	6	-1.05	-0.29	-3.58e-03	1.45e-03	-5.42e-04	1.84e-04
85	7	-1.07	0.02	-3.64e-03	-1.13e-04	-5.38e-04	1.51e-04
85	8	-0.10	-1.19	-3.46e-04	5.84e-03	-4.80e-05	-2.70e-04
85	9	0.03	-0.84	8.85e-05	4.05e-03	-1.74e-05	2.33e-04
85	10	-0.56	-0.16	-1.94e-03	7.91e-04	-3.00e-04	1.07e-04
85	11	-0.57	0.01	-1.96e-03	-6.14e-05	-2.96e-04	8.27e-05
85	12	-0.05	-0.63	-1.85e-04	3.11e-03	-2.68e-05	-1.49e-04
85	13	0.01	-0.45	4.81e-05	2.20e-03	-9.44e-06	1.28e-04
85	14	-0.42	-0.12	-1.46e-03	5.94e-04	-2.27e-04	8.09e-05
85	15	-0.43	9.18e-03	-1.47e-03	-4.64e-05	-2.24e-04	6.24e-05
85	16	-0.04	-0.48	-1.39e-04	2.33e-03	-2.03e-05	-1.12e-04
85	17	0.01	-0.34	3.63e-05	1.65e-03	-7.13e-06	9.60e-05
86	1	9.08e-04	2.72e-04	-3.67e-03	1.31e-05	2.21e-04	0.0
86	2	7.17e-03	-1.44e-03	-9.18e-03	3.68e-04	6.54e-04	0.0
86	3	2.42e-03	-2.32e-04	-3.59e-03	1.47e-04	2.55e-04	0.0
86	4	3.74e-03	-3.79e-04	-5.40e-03	2.21e-04	3.84e-04	0.0
86	5	1.84e-03	6.67e-04	-3.88e-03	1.88e-05	3.47e-04	-1.29e-06
86	6	-1.05	-0.38	0.01	1.57e-03	-2.61e-03	-3.30e-04
86	7	-1.07	0.03	0.01	-1.55e-04	-2.65e-03	-8.92e-05
86	8	-0.10	-1.28	-1.04e-03	5.70e-03	-2.50e-04	-3.44e-04
86	9	0.03	-0.80	-2.64e-04	3.66e-03	6.25e-05	2.25e-04
86	10	-0.56	-0.21	5.67e-03	8.60e-04	-1.40e-03	-1.79e-04
86	11	-0.57	0.01	5.64e-03	-8.45e-05	-1.42e-03	-5.17e-05
86	12	-0.05	-0.68	-5.65e-04	3.03e-03	-1.33e-04	-1.88e-04
86	13	0.01	-0.44	-1.46e-04	2.00e-03	3.37e-05	1.27e-04
86	14	-0.42	-0.16	4.28e-03	6.45e-04	-1.05e-03	-1.34e-04
86	15	-0.43	0.01	4.25e-03	-6.38e-05	-1.07e-03	-3.94e-05
86	16	-0.04	-0.51	-4.25e-04	2.28e-03	-1.00e-04	-1.42e-04
86	17	0.01	-0.33	-1.11e-04	1.50e-03	2.53e-05	9.53e-05
87	1	8.94e-04	2.41e-04	-0.07	3.96e-05	4.10e-04	0.0
87	2	7.20e-03	-1.06e-03	-0.20	1.02e-03	1.19e-03	1.77e-06
87	3	2.41e-03	-5.18e-05	-0.08	4.10e-04	4.66e-04	0.0
87	4	3.71e-03	-1.27e-04	-0.12	6.16e-04	7.02e-04	0.0
87	5	1.80e-03	5.44e-04	-0.10	5.94e-05	6.45e-04	0.0
87	6	-1.06	-0.44	0.61	-2.43e-04	-3.88e-03	-3.11e-04
87	7	-1.08	0.03	0.61	-3.50e-04	-3.89e-03	-4.52e-05
87	8	-0.10	-1.34	0.06	1.79e-03	-3.72e-04	-3.26e-04
87	9	0.03	-0.80	-0.01	1.32e-03	9.01e-05	2.55e-04
87	10	-0.57	-0.24	0.33	-1.41e-04	-2.12e-03	-1.69e-04
87	11	-0.58	0.02	0.33	-1.87e-04	-2.11e-03	-2.65e-05
87	12	-0.05	-0.71	0.03	9.56e-04	-2.01e-04	-1.80e-04
87	13	0.01	-0.44	-7.83e-03	7.16e-04	4.90e-05	1.42e-04
87	14	-0.42	-0.18	0.25	-1.07e-04	-1.59e-03	-1.27e-04
87	15	-0.43	0.01	0.25	-1.40e-04	-1.59e-03	-2.02e-05
87	16	-0.04	-0.53	0.02	7.18e-04	-1.51e-04	-1.35e-04
87	17	0.01	-0.33	-5.90e-03	5.38e-04	3.69e-05	1.06e-04
88	1	5.57e-04	8.54e-05	-0.01	-2.80e-05	-5.33e-05	0.0
88	2	3.83e-03	-5.18e-04	-0.02	4.74e-05	8.53e-05	0.0
88	3	1.52e-03	2.59e-04	-1.26e-03	5.94e-06	6.13e-05	0.0
88	4	2.27e-03	3.31e-04	-2.69e-03	9.91e-06	8.60e-05	0.0
88	5	-5.91e-04	1.42e-04	-5.63e-03	-7.09e-05	-1.82e-04	0.0
88	6	-0.97	0.31	-8.47e-03	-1.59e-03	-5.04e-03	-3.00e-04
88	7	-1.07	-0.05	-0.01	2.02e-04	-5.44e-03	2.34e-05
88	8	0.15	-0.76	-9.60e-03	3.97e-03	8.88e-04	-3.27e-04
88	9	-0.10	-1.23	-0.02	6.30e-03	2.86e-04	3.05e-04
88	10	-0.52	0.17	-4.61e-03	-8.73e-04	-2.69e-03	-1.64e-04
88	11	-0.57	-0.03	-6.49e-03	1.08e-04	-2.89e-03	1.38e-05
88	12	0.08	-0.42	-5.40e-03	2.19e-03	4.73e-04	-1.81e-04
88	13	-0.05	-0.65	-9.04e-03	3.34e-03	1.65e-04	1.68e-04
88	14	-0.39	0.13	-3.46e-03	-6.55e-04	-2.01e-03	-1.23e-04
88	15	-0.43	-0.02	-4.86e-03	8.12e-05	-2.17e-03	1.06e-05
88	16	0.06	-0.31	-4.06e-03	1.64e-03	3.54e-04	-1.36e-04
88	17	-0.04	-0.49	-6.79e-03	2.50e-03	1.24e-04	1.26e-04
89	1	6.22e-04	2.39e-04	-1.95e-03	-8.53e-06	-3.57e-06	0.0
89	2	3.98e-03	2.96e-04	-8.59e-03	-5.47e-06	-5.82e-05	2.27e-06
89	3	1.46e-03	2.90e-04	-3.36e-03	-4.39e-06	-3.24e-05	0.0
89	4	2.22e-03	4.13e-04	-5.03e-03	-6.39e-06	-4.74e-05	0.0

89	5	-3.41e-04	2.45e-04	4.37e-04	-1.18e-05	2.72e-05	0.0
89	6	-0.97	0.19	-2.95e-03	-9.99e-04	4.43e-04	-2.13e-04
89	7	-1.06	-0.04	-3.38e-03	2.22e-04	4.69e-04	2.29e-05
89	8	0.15	-0.81	-5.00e-04	4.30e-03	-7.12e-05	-2.47e-04
89	9	-0.10	-1.12	-1.01e-03	5.99e-03	-3.34e-05	2.16e-04
89	10	-0.52	0.10	-1.58e-03	-5.51e-04	2.41e-04	-1.17e-04
89	11	-0.57	-0.02	-1.80e-03	1.20e-04	2.55e-04	1.26e-05
89	12	0.08	-0.44	-2.87e-04	2.33e-03	-3.86e-05	-1.37e-04
89	13	-0.05	-0.60	-5.37e-04	3.18e-03	-1.95e-05	1.19e-04
89	14	-0.39	0.08	-1.18e-03	-4.14e-04	1.82e-04	-8.77e-05
89	15	-0.42	-0.02	-1.35e-03	8.99e-05	1.92e-04	9.56e-06
89	16	0.06	-0.33	-2.16e-04	1.75e-03	-2.91e-05	-1.03e-04
89	17	-0.04	-0.45	-4.03e-04	2.39e-03	-1.50e-05	8.98e-05
90	1	7.28e-04	3.76e-04	-9.42e-03	-1.53e-05	1.22e-05	1.65e-06
90	2	4.36e-03	6.13e-04	-0.03	-5.65e-05	-2.10e-06	-2.46e-06
90	3	1.47e-03	2.74e-04	-1.32e-03	-2.04e-05	-3.39e-05	0.0
90	4	2.27e-03	3.87e-04	-3.27e-03	-3.08e-05	-4.43e-05	0.0
90	5	-1.09e-04	1.10e-04	-2.54e-03	1.62e-06	1.89e-05	-2.27e-06
90	6	-0.97	0.10	0.02	-3.98e-04	-4.56e-03	-2.79e-04
90	7	-1.07	-0.03	0.01	1.62e-04	-4.99e-03	4.04e-05
90	8	0.15	-0.87	-0.02	3.76e-03	7.07e-04	-3.30e-04
90	9	-0.10	-1.06	-0.02	4.58e-03	-4.21e-04	2.92e-04
90	10	-0.52	0.06	7.99e-03	-2.22e-04	-2.43e-03	-1.54e-04
90	11	-0.57	-0.02	7.17e-03	8.64e-05	-2.65e-03	2.18e-05
90	12	0.08	-0.47	-0.01	2.02e-03	3.80e-04	-1.82e-04
90	13	-0.05	-0.56	-0.01	2.43e-03	-2.30e-04	1.61e-04
90	14	-0.39	0.04	5.99e-03	-1.66e-04	-1.82e-03	-1.15e-04
90	15	-0.43	-0.01	5.37e-03	6.47e-05	-1.99e-03	1.64e-05
90	16	0.06	-0.35	-7.95e-03	1.52e-03	2.85e-04	-1.37e-04
90	17	-0.04	-0.42	-8.79e-03	1.83e-03	-1.73e-04	1.21e-04
91	1	1.31e-04	3.88e-04	-1.73e-03	-2.03e-05	0.0	0.0
91	2	8.20e-04	4.71e-04	-0.01	-8.39e-05	6.15e-06	-1.69e-06
91	3	3.09e-04	1.39e-04	-4.09e-03	-3.36e-05	2.28e-06	0.0
91	4	4.69e-04	1.91e-04	-6.13e-03	-5.04e-05	3.47e-06	0.0
91	5	1.34e-04	2.74e-04	2.58e-05	1.85e-06	0.0	0.0
91	6	-1.99	-0.04	1.03e-04	3.90e-05	-0.01	-3.09e-03
91	7	-2.17	-0.03	6.50e-05	2.49e-05	-0.01	-2.97e-03
91	8	0.07	-0.92	2.35e-03	8.73e-04	3.61e-04	-2.25e-04
91	9	-0.06	-0.94	2.41e-03	8.96e-04	-3.11e-04	1.55e-04
91	10	-1.18	-0.02	5.55e-05	2.09e-05	-6.27e-03	-1.84e-03
91	11	-1.29	-0.01	3.47e-05	1.33e-05	-6.69e-03	-1.77e-03
91	12	0.04	-0.49	1.26e-03	4.67e-04	2.00e-04	-1.32e-04
91	13	-0.03	-0.50	1.29e-03	4.79e-04	-1.74e-04	8.96e-05
91	14	-0.89	-0.02	4.18e-05	1.57e-05	-4.71e-03	-1.38e-03
91	15	-0.99	-0.01	2.60e-05	9.95e-06	-5.13e-03	-1.36e-03
91	16	0.03	-0.37	9.43e-04	3.51e-04	1.50e-04	-1.01e-04
91	17	-0.02	-0.38	9.69e-04	3.60e-04	-1.31e-04	6.83e-05
92	1	5.62e-04	3.46e-04	-9.40e-03	-1.46e-05	-6.54e-06	0.0
92	2	6.13e-03	-2.58e-04	-0.03	-3.77e-05	8.41e-05	9.42e-06
92	3	2.20e-03	-1.15e-05	-1.90e-03	-1.29e-05	6.69e-05	0.0
92	4	3.35e-03	-4.93e-05	-4.13e-03	-1.96e-05	9.37e-05	1.80e-06
92	5	1.14e-03	2.62e-04	-2.53e-03	1.13e-06	-1.82e-05	5.45e-06
92	6	-0.98	-0.15	-0.02	5.79e-04	-4.61e-03	-2.45e-04
92	7	-1.08	0.02	-0.01	-8.94e-05	-5.04e-03	1.15e-04
92	8	0.15	-1.06	-0.02	4.55e-03	-6.82e-04	-3.30e-04
92	9	-0.09	-0.91	-0.02	3.92e-03	-4.7e-04	2.85e-04
92	10	-0.53	-0.08	-8.28e-03	3.15e-04	-2.46e-03	-1.38e-04
92	11	-0.58	0.01	-7.41e-03	-4.74e-05	-2.68e-03	6.32e-05
92	12	0.08	-0.56	-0.01	2.42e-03	-3.67e-04	-1.82e-04
92	13	-0.05	-0.49	-0.01	2.10e-03	-2.43e-04	1.57e-04
92	14	-0.40	-0.06	-6.21e-03	2.36e-04	-1.84e-03	-1.04e-04
92	15	-0.43	9.23e-03	-5.55e-03	-3.55e-05	-2.01e-03	4.77e-05
92	16	0.06	-0.42	-8.41e-03	1.82e-03	-2.75e-04	-1.37e-04
92	17	-0.04	-0.37	-8.00e-03	1.58e-03	-1.82e-04	1.18e-04
93	1	6.13e-04	4.39e-04	-1.97e-03	-9.07e-06	3.40e-06	0.0
93	2	6.15e-03	3.71e-05	-0.01	1.77e-06	9.84e-05	-2.79e-06
93	3	2.13e-03	1.74e-05	-5.32e-03	0.0	4.81e-05	0.0
93	4	3.27e-03	1.41e-05	-7.97e-03	-1.02e-06	7.10e-05	0.0
93	5	1.24e-03	4.85e-04	4.07e-04	-1.26e-05	-2.49e-05	0.0
93	6	-0.98	-0.24	3.05e-03	1.26e-03	4.52e-04	-2.27e-04
93	7	-1.07	0.02	3.48e-03	-1.13e-04	4.78e-04	-1.90e-05
93	8	0.15	-1.14	-1.16e-03	6.08e-03	5.25e-05	-2.56e-04
93	9	-0.09	-0.86	-4.69e-04	4.57e-03	5.15e-05	2.17e-04
93	10	-0.52	-0.13	1.63e-03	6.89e-04	2.47e-04	-1.24e-04
93	11	-0.57	0.01	1.86e-03	-6.04e-05	2.62e-04	-1.09e-05
93	12	0.08	-0.61	-6.17e-04	3.23e-03	3.04e-05	-1.41e-04

93	13	-0.05	-0.46	-2.68e-04	2.47e-03	2.78e-05	1.20e-04
93	14	-0.39	-0.10	1.22e-03	5.17e-04	1.86e-04	-9.33e-05
93	15	-0.43	8.73e-03	1.39e-03	-4.55e-05	1.97e-04	-8.37e-06
93	16	0.06	-0.46	-4.63e-04	2.42e-03	2.33e-05	-1.06e-04
93	17	-0.04	-0.35	-2.01e-04	1.85e-03	2.10e-05	8.99e-05
94	1	7.18e-04	3.15e-04	-0.01	-2.80e-05	5.21e-05	0.0
94	2	6.46e-03	-9.97e-04	-0.02	6.21e-05	-1.50e-04	-1.51e-06
94	3	2.11e-03	-2.43e-05	-1.47e-03	1.27e-05	-8.72e-05	0.0
94	4	3.28e-03	-6.50e-05	-3.01e-03	2.00e-05	-1.25e-04	0.0
94	5	1.56e-03	7.74e-04	-5.56e-03	-7.04e-05	1.71e-04	0.0
94	6	-0.98	-0.36	7.57e-03	1.84e-03	-5.05e-03	-3.30e-04
94	7	-1.08	0.03	0.01	-1.10e-04	-5.45e-03	4.88e-05
94	8	0.15	-1.26	-0.02	6.41e-03	-5.46e-04	-3.79e-04
94	9	-0.09	-0.81	-0.01	4.18e-03	-6.26e-04	2.65e-04
94	10	-0.53	-0.20	4.14e-03	1.00e-03	-2.69e-03	-1.80e-04
94	11	-0.58	0.01	6.03e-03	-5.89e-05	-2.90e-03	2.94e-05
94	12	0.08	-0.67	-9.41e-03	3.40e-03	-2.97e-04	-2.08e-04
94	13	-0.05	-0.44	-5.60e-03	2.28e-03	-3.33e-04	1.48e-04
94	14	-0.40	-0.15	3.10e-03	7.52e-04	-2.02e-03	-1.35e-04
94	15	-0.43	0.01	4.51e-03	-4.42e-05	-2.17e-03	2.25e-05
94	16	0.06	-0.50	-7.06e-03	2.55e-03	-2.23e-04	-1.56e-04
94	17	-0.04	-0.33	-4.21e-03	1.71e-03	-2.50e-04	1.11e-04
95	1	7.45e-04	2.52e-04	-0.03	7.86e-05	1.88e-04	0.0
95	2	6.51e-03	-1.17e-03	-8.61e-03	1.10e-04	-1.16e-05	1.17e-06
95	3	2.13e-03	-9.60e-05	6.03e-03	5.06e-05	-2.27e-05	0.0
95	4	3.31e-03	-1.86e-04	7.55e-03	7.40e-05	-2.95e-05	0.0
95	5	1.63e-03	6.00e-04	-0.05	1.07e-04	3.94e-04	0.0
95	6	-0.97	-0.41	0.70	1.98e-03	-4.76e-03	-3.17e-04
95	7	-1.07	0.03	0.70	1.02e-03	-4.92e-03	6.93e-05
95	8	0.17	-1.30	0.22	4.08e-03	-7.82e-04	-3.32e-04
95	9	-0.10	-0.80	0.22	2.79e-03	-1.01e-03	2.47e-04
95	10	-0.52	-0.22	0.38	1.06e-03	-2.54e-03	-1.72e-04
95	11	-0.57	0.02	0.37	5.45e-04	-2.62e-03	4.09e-05
95	12	0.09	-0.69	0.12	2.17e-03	-4.21e-04	-1.83e-04
95	13	-0.06	-0.44	0.12	1.52e-03	-5.36e-04	1.38e-04
95	14	-0.39	-0.17	0.28	7.96e-04	-1.90e-03	-1.29e-04
95	15	-0.43	0.01	0.28	4.09e-04	-1.96e-03	3.13e-05
95	16	0.07	-0.52	0.09	1.62e-03	-3.16e-04	-1.37e-04
95	17	-0.04	-0.33	0.09	1.14e-03	-4.02e-04	1.03e-04
96	1	5.50e-04	6.55e-05	-0.03	8.23e-05	-1.98e-04	0.0
96	2	3.82e-03	-5.16e-04	-0.01	5.31e-05	5.76e-06	0.0
96	3	1.52e-03	2.77e-04	3.68e-03	2.75e-05	2.03e-05	0.0
96	4	2.27e-03	3.49e-04	4.00e-03	3.95e-05	2.59e-05	0.0
96	5	-6.10e-04	3.27e-05	-0.05	1.27e-04	-4.33e-04	0.0
96	6	-0.97	0.35	-0.72	-1.72e-03	-4.79e-03	-2.73e-04
96	7	-1.07	-0.05	-0.72	-8.30e-04	-4.96e-03	3.02e-05
96	8	0.16	-0.75	0.25	2.66e-03	1.19e-03	-2.94e-04
96	9	-0.11	-1.26	0.24	4.02e-03	8.38e-04	2.66e-04
96	10	-0.52	0.19	-0.39	-9.24e-04	-2.56e-03	-1.49e-04
96	11	-0.57	-0.03	-0.39	-4.46e-04	-2.64e-03	1.81e-05
96	12	0.09	-0.42	0.13	1.46e-03	6.32e-04	-1.63e-04
96	13	-0.06	-0.67	0.13	2.13e-03	4.50e-04	1.46e-04
96	14	-0.39	0.15	-0.29	-6.93e-04	-1.92e-03	-1.12e-04
96	15	-0.43	-0.02	-0.29	-3.35e-04	-1.98e-03	1.39e-05
96	16	0.06	-0.31	0.10	1.09e-03	4.74e-04	-1.22e-04
96	17	-0.04	-0.50	0.10	1.60e-03	3.38e-04	1.10e-04
97	1	4.96e-04	6.71e-05	-6.62e-03	1.22e-05	-2.09e-06	1.02e-06
97	2	4.01e-03	-2.72e-04	-0.02	-6.44e-06	1.09e-04	1.97e-06
97	3	1.58e-03	2.04e-04	-1.22e-03	3.35e-06	5.41e-05	0.0
97	4	2.40e-03	2.66e-04	-2.43e-03	4.03e-06	8.05e-05	0.0
97	5	4.37e-05	1.14e-04	-4.32e-03	1.54e-05	-3.78e-05	0.0
97	6	-0.89	0.28	-5.13e-03	-7.50e-04	-3.43e-03	-3.24e-04
97	7	-1.08	-0.05	-6.03e-03	3.20e-04	-4.18e-03	5.03e-05
97	8	0.27	-0.77	2.48e-03	2.43e-03	-9.00e-04	-5.65e-04
97	9	-0.21	-1.21	1.13e-03	3.79e-03	-1.07e-03	-8.24e-04
97	10	-0.48	0.15	-2.74e-03	-4.19e-04	-1.84e-03	-1.79e-04
97	11	-0.58	-0.03	-3.21e-03	1.70e-04	-2.23e-03	2.82e-05
97	12	0.15	-0.42	1.32e-03	1.33e-03	-5.01e-04	-3.35e-04
97	13	-0.11	-0.64	6.34e-04	2.01e-03	-5.74e-04	-4.78e-04
97	14	-0.36	0.12	-2.06e-03	-3.14e-04	-1.38e-03	-1.34e-04
97	15	-0.43	-0.02	-2.40e-03	1.28e-04	-1.67e-03	2.14e-05
97	16	0.11	-0.32	9.92e-04	1.00e-03	-3.76e-04	-2.56e-04
97	17	-0.09	-0.48	4.76e-04	1.51e-03	-4.31e-04	-3.66e-04
98	1	5.13e-04	1.81e-04	-1.87e-03	0.0	3.31e-06	0.0
98	2	4.19e-03	4.96e-04	-8.56e-03	-2.15e-06	9.83e-06	2.31e-06
98	3	1.59e-03	1.83e-05	-3.22e-03	1.87e-06	-1.55e-06	0.0

98	4	2.42e-03	2.58e-05	-4.85e-03	2.56e-06	-2.15e-06	0.0
98	5	1.20e-04	1.75e-05	6.74e-05	0.0	0.0	0.0
98	6	-0.89	0.15	-5.55e-04	-7.93e-04	2.71e-04	-2.12e-04
98	7	-1.07	-0.04	-3.55e-04	1.78e-04	3.17e-04	3.61e-05
98	8	0.27	-0.78	1.23e-03	3.90e-03	-7.60e-05	-2.56e-04
98	9	-0.21	-1.11	1.59e-03	5.50e-03	-4.53e-05	2.31e-04
98	10	-0.48	0.09	-2.96e-04	-4.39e-04	1.50e-04	-1.17e-04
98	11	-0.57	-0.02	-1.89e-04	9.73e-05	1.76e-04	1.96e-05
98	12	0.15	-0.44	6.66e-04	2.16e-03	-4.28e-05	-1.42e-04
98	13	-0.11	-0.61	8.45e-04	2.99e-03	-2.67e-05	1.27e-04
98	14	-0.36	0.06	-2.22e-04	-3.29e-04	1.14e-04	-8.77e-05
98	15	-0.43	-0.01	-1.41e-04	7.33e-05	1.33e-04	1.47e-05
98	16	0.11	-0.33	5.00e-04	1.63e-03	-3.26e-05	-1.06e-04
98	17	-0.08	-0.46	6.34e-04	2.25e-03	-2.05e-05	9.55e-05
99	1	5.29e-04	5.61e-04	-8.47e-03	-4.62e-06	4.00e-06	0.0
99	2	4.41e-03	1.03e-03	-0.02	3.85e-06	-6.45e-05	0.0
99	3	1.62e-03	2.10e-04	-1.78e-03	6.21e-06	-3.65e-05	0.0
99	4	2.47e-03	3.09e-04	-3.43e-03	9.11e-06	-5.35e-05	0.0
99	5	1.96e-04	1.14e-04	-2.22e-03	-1.53e-05	1.58e-05	0.0
99	6	-0.90	0.10	-2.03e-03	-5.19e-04	-3.64e-03	-2.40e-04
99	7	-1.08	-0.03	9.47e-04	-1.25e-04	-4.32e-03	3.21e-05
99	8	0.27	-0.87	4.01e-03	3.75e-03	1.23e-03	-5.82e-04
99	9	-0.21	-1.06	4.70e-03	4.51e-03	5.53e-04	5.72e-04
99	10	-0.48	0.06	-1.12e-03	-2.82e-04	-1.95e-03	-1.31e-04
99	11	-0.58	-0.02	5.76e-04	-6.70e-05	-2.30e-03	1.90e-05
99	12	0.15	-0.47	2.22e-03	2.02e-03	6.57e-04	-3.29e-04
99	13	-0.11	-0.56	2.51e-03	2.40e-03	3.18e-04	3.41e-04
99	14	-0.36	0.04	-8.49e-04	-2.11e-04	-1.46e-03	-9.84e-05
99	15	-0.43	-0.01	4.42e-04	-5.03e-05	-1.72e-03	1.45e-05
99	16	0.11	-0.35	1.67e-03	1.51e-03	4.93e-04	-2.50e-04
99	17	-0.09	-0.42	1.89e-03	1.80e-03	2.38e-04	2.61e-04
100	1	3.60e-04	4.45e-04	-1.75e-03	1.82e-05	1.36e-06	-1.01e-06
100	2	3.09e-03	4.32e-04	-8.08e-03	1.42e-04	1.18e-05	-8.98e-06
100	3	1.09e-03	6.67e-05	-3.22e-03	5.74e-05	4.17e-06	-3.11e-06
100	4	1.66e-03	8.76e-05	-4.84e-03	8.60e-05	6.36e-06	-4.74e-06
100	5	1.95e-04	2.50e-04	-1.18e-04	-1.06e-05	0.0	0.0
100	6	-0.85	-0.04	-3.10e-04	2.92e-05	-4.23e-03	-2.64e-03
100	7	-1.05	-0.03	-1.97e-04	1.87e-05	-4.96e-03	-3.69e-03
100	8	0.22	-0.93	-7.10e-03	6.64e-04	9.68e-04	-6.78e-04
100	9	-0.17	-0.96	-7.29e-03	6.81e-04	-7.45e-04	5.01e-04
100	10	-0.48	-0.02	-1.66e-04	1.57e-05	-2.42e-03	-1.54e-03
100	11	-0.59	-0.01	-1.05e-04	9.97e-06	-2.81e-03	-2.17e-03
100	12	0.13	-0.50	-3.80e-03	3.55e-04	5.39e-04	-3.86e-04
100	13	-0.10	-0.51	-3.90e-03	3.64e-04	-4.14e-04	2.83e-04
100	14	-0.36	-0.02	-1.25e-04	1.18e-05	-1.82e-03	-1.16e-03
100	15	-0.45	-0.01	-7.89e-05	7.48e-06	-2.14e-03	-1.66e-03
100	16	0.10	-0.37	-2.85e-03	2.66e-04	4.07e-04	-2.95e-04
100	17	-0.07	-0.38	-2.93e-03	2.73e-04	-3.12e-04	2.15e-04
101	1	5.66e-04	5.97e-04	-8.48e-03	-4.88e-06	-2.66e-06	0.0
101	2	5.19e-03	5.17e-04	-0.02	4.11e-06	2.24e-05	0.0
101	3	1.77e-03	-1.39e-05	-1.46e-03	6.47e-06	2.00e-05	0.0
101	4	2.70e-03	-2.36e-05	-2.96e-03	9.47e-06	2.86e-05	0.0
101	5	4.36e-04	2.76e-04	-2.22e-03	-1.57e-05	-1.49e-05	0.0
101	6	-0.90	-0.15	-1.70e-03	7.13e-04	-3.66e-03	-2.76e-04
101	7	-1.08	-0.03	-1.15e-03	2.30e-04	-4.33e-03	-4.03e-05
101	8	0.27	-1.06	4.88e-03	4.47e-03	-7.65e-04	-3.25e-04
101	9	-0.21	-0.91	4.06e-03	3.90e-03	-9.93e-04	2.79e-04
101	10	-0.48	-0.08	-9.60e-04	3.84e-04	-1.95e-03	-1.51e-04
101	11	-0.58	-0.01	-6.51e-04	1.23e-04	-2.31e-03	-2.35e-05
101	12	0.15	-0.56	2.61e-03	2.38e-03	-4.28e-04	-1.79e-04
101	13	-0.11	-0.49	2.24e-03	2.09e-03	-5.32e-04	1.54e-04
101	14	-0.36	-0.06	-7.25e-04	2.88e-04	-1.46e-03	-1.13e-04
101	15	-0.43	-0.01	-4.94e-04	9.18e-05	-1.73e-03	-1.79e-05
101	16	0.11	-0.42	1.96e-03	1.78e-03	-3.21e-04	-1.35e-04
101	17	-0.08	-0.37	1.69e-03	1.57e-03	-3.99e-04	1.15e-04
102	1	5.75e-04	3.10e-04	-6.61e-03	1.19e-05	3.04e-06	0.0
102	2	5.61e-03	-3.39e-04	-0.01	-7.94e-06	-3.10e-05	0.0
102	3	1.85e-03	2.70e-05	-7.86e-04	3.08e-06	-2.24e-05	0.0
102	4	2.83e-03	2.95e-05	-1.78e-03	3.59e-06	-3.30e-05	0.0
102	5	6.15e-04	6.61e-04	-4.32e-03	1.50e-05	3.80e-05	1.34e-06
102	6	-0.90	-0.33	5.57e-03	8.94e-04	-3.42e-03	-2.76e-04
102	7	-1.08	0.03	6.56e-03	-2.12e-04	-4.17e-03	3.64e-05
102	8	0.27	-1.23	1.15e-03	3.86e-03	1.30e-03	-3.18e-04
102	9	-0.21	-0.82	2.39e-03	2.57e-03	6.70e-04	2.77e-04
102	10	-0.48	-0.18	2.98e-03	4.92e-04	-1.83e-03	-1.52e-04
102	11	-0.58	0.01	3.49e-03	-1.12e-04	-2.22e-03	2.03e-05

102	12	0.15	-0.66	6.69e-04	2.05e-03	6.98e-04	-1.76e-04
102	13	-0.11	-0.45	1.27e-03	1.40e-03	3.79e-04	1.52e-04
102	14	-0.36	-0.13	2.24e-03	3.69e-04	-1.37e-03	-1.14e-04
102	15	-0.43	0.01	2.62e-03	-8.43e-05	-1.66e-03	1.53e-05
102	16	0.11	-0.49	5.03e-04	1.54e-03	5.24e-04	-1.32e-04
102	17	-0.08	-0.33	9.56e-04	1.05e-03	2.84e-04	1.14e-04
103	1	5.62e-04	4.83e-04	-1.87e-03	0.0	-3.09e-06	0.0
103	2	5.32e-03	2.28e-04	-4.33e-03	0.0	-1.14e-05	-1.58e-06
103	3	1.79e-03	-6.39e-05	-1.53e-03	2.36e-06	0.0	0.0
103	4	2.74e-03	-8.97e-05	-2.31e-03	3.27e-06	0.0	0.0
103	5	5.14e-04	4.25e-04	6.52e-05	-1.55e-06	0.0	0.0
103	6	-0.89	-0.24	6.26e-04	1.17e-03	2.67e-04	-2.13e-04
103	7	-1.08	0.02	3.97e-04	-1.07e-04	3.10e-04	4.94e-05
103	8	0.27	-1.14	1.61e-03	5.74e-03	5.72e-05	-2.81e-04
103	9	-0.20	-0.86	1.29e-03	4.34e-03	5.78e-05	2.21e-04
103	10	-0.48	-0.13	3.34e-04	6.38e-04	1.48e-04	-1.18e-04
103	11	-0.58	0.01	2.11e-04	-5.70e-05	1.73e-04	2.67e-05
103	12	0.15	-0.61	8.53e-04	3.05e-03	3.37e-05	-1.55e-04
103	13	-0.11	-0.46	6.95e-04	2.34e-03	3.23e-05	1.22e-04
103	14	-0.36	-0.10	2.50e-04	4.79e-04	1.12e-04	-8.86e-05
103	15	-0.43	8.68e-03	1.58e-04	-4.29e-05	1.31e-04	2.01e-05
103	16	0.11	-0.46	6.40e-04	2.29e-03	2.59e-05	-1.16e-04
103	17	-0.08	-0.35	5.21e-04	1.76e-03	2.46e-05	9.17e-05
104	1	5.54e-04	6.13e-04	-0.01	1.81e-05	5.82e-06	1.63e-06
104	2	4.70e-03	1.11e-03	-0.02	7.43e-06	-1.05e-04	6.42e-06
104	3	1.67e-03	1.95e-04	-2.85e-03	-2.55e-06	-2.55e-05	0.0
104	4	2.55e-03	2.92e-04	-4.95e-03	-3.34e-06	-3.98e-05	1.18e-06
104	5	2.13e-04	1.06e-04	-8.43e-03	1.80e-05	5.69e-05	0.0
104	6	-0.86	0.09	-0.02	-4.53e-04	-7.62e-04	-3.16e-04
104	7	-1.09	-0.03	-0.03	-6.67e-04	-9.02e-04	1.74e-04
104	8	0.33	-0.88	0.01	-9.92e-04	6.45e-04	-2.73e-04
104	9	-0.26	-1.05	6.76e-03	-1.41e-03	4.38e-04	2.94e-04
104	10	-0.46	0.05	-0.01	-2.45e-04	-4.06e-04	-1.76e-04
104	11	-0.58	-0.02	-0.01	-3.55e-04	-4.80e-04	1.05e-04
104	12	0.18	-0.47	7.51e-03	-5.39e-04	3.42e-04	-1.53e-04
104	13	-0.14	-0.56	3.78e-03	-7.50e-04	2.38e-04	1.62e-04
104	14	-0.35	0.04	-9.56e-03	-1.84e-04	-3.04e-04	-1.32e-04
104	15	-0.43	-0.01	-0.01	-2.66e-04	-3.60e-04	8.10e-05
104	16	0.13	-0.35	5.64e-03	-4.05e-04	2.57e-04	-1.15e-04
104	17	-0.11	-0.42	2.84e-03	-5.62e-04	1.78e-04	1.22e-04
105	1	5.60e-04	4.86e-04	-2.25e-03	-2.02e-06	0.0	0.0
105	2	4.88e-03	5.19e-04	-1.02e-03	2.40e-05	5.93e-06	-5.25e-06
105	3	1.70e-03	7.55e-05	-2.93e-04	9.66e-06	2.09e-06	-1.77e-06
105	4	2.60e-03	1.03e-04	-4.51e-04	1.45e-05	3.18e-06	-2.70e-06
105	5	2.68e-04	2.33e-04	-3.23e-03	-1.25e-05	0.0	0.0
105	6	-0.86	-0.04	3.39e-04	4.59e-05	-1.13e-03	-9.69e-04
105	7	-1.08	-0.03	2.16e-04	2.94e-05	-1.39e-03	-1.89e-03
105	8	0.33	-0.95	7.61e-03	1.04e-03	4.22e-04	-5.97e-04
105	9	-0.26	-0.97	7.82e-03	1.07e-03	-3.34e-04	4.38e-04
105	10	-0.46	-0.02	1.82e-04	2.46e-05	-6.19e-04	-5.71e-04
105	11	-0.58	-0.01	1.15e-04	1.57e-05	-7.46e-04	-1.12e-03
105	12	0.18	-0.51	4.08e-03	5.59e-04	2.31e-04	-3.45e-04
105	13	-0.14	-0.52	4.18e-03	5.73e-04	-1.84e-04	2.50e-04
105	14	-0.35	-0.02	1.37e-04	1.85e-05	-4.65e-04	-4.35e-04
105	15	-0.43	-0.01	8.65e-05	1.18e-05	-5.60e-04	-8.58e-04
105	16	0.13	-0.38	3.06e-03	4.19e-04	1.73e-04	-2.64e-04
105	17	-0.11	-0.39	3.14e-03	4.30e-04	-1.38e-04	1.91e-04
106	1	5.88e-04	6.70e-04	-0.01	1.80e-05	-5.86e-06	0.0
106	2	5.13e-03	6.97e-04	-0.02	8.84e-06	9.93e-05	0.0
106	3	1.74e-03	-2.63e-05	-2.96e-03	-2.16e-06	2.34e-05	0.0
106	4	2.65e-03	-3.64e-05	-5.12e-03	-2.73e-06	3.66e-05	0.0
106	5	3.31e-04	2.51e-04	-8.44e-03	1.80e-05	-5.69e-05	0.0
106	6	-0.86	-0.14	0.02	4.10e-04	-7.81e-04	-3.12e-04
106	7	-1.09	-0.03	0.03	6.29e-04	-1.75e-04	1.77e-04
106	8	0.33	-1.04	6.52e-03	-1.44e-03	-4.06e-04	-3.05e-04
106	9	-0.26	-0.92	0.01	-1.06e-03	-6.18e-04	2.48e-04
106	10	-0.46	-0.07	0.01	2.23e-04	-4.16e-04	-1.74e-04
106	11	-0.58	-0.02	0.01	3.35e-04	-4.87e-04	1.07e-04
106	12	0.18	-0.56	3.67e-03	-7.62e-04	-2.22e-04	-1.68e-04
106	13	-0.14	-0.49	7.03e-03	-5.70e-04	-3.28e-04	1.37e-04
106	14	-0.35	-0.06	9.63e-03	1.67e-04	-3.12e-04	-1.31e-04
106	15	-0.44	-0.01	0.01	2.51e-04	-3.65e-04	8.19e-05
106	16	0.14	-0.42	2.76e-03	-5.72e-04	-1.66e-04	-1.26e-04
106	17	-0.11	-0.37	5.28e-03	-4.28e-04	-2.46e-04	1.03e-04
107	1	7.68e-05	-5.99e-05	-5.05e-03	-6.80e-06	3.46e-05	1.84e-06
107	2	2.91e-03	-4.31e-04	-0.01	-3.27e-05	1.91e-04	4.08e-06

107	3	1.52e-03	1.64e-04	-1.06e-03	-2.07e-05	8.62e-05	0.0
107	4	2.29e-03	2.09e-04	-2.19e-03	-3.00e-05	1.28e-04	0.0
107	5	1.29e-04	1.42e-04	-3.75e-03	-2.38e-06	-4.03e-06	0.0
107	6	-0.84	0.30	-2.48e-03	7.24e-04	-3.46e-03	-2.50e-04
107	7	-1.10	-0.06	-3.71e-03	5.24e-04	-4.54e-03	5.83e-05
107	8	0.37	-0.76	-7.41e-03	2.25e-03	-1.36e-03	-3.45e-04
107	9	-0.30	-1.23	-0.01	3.71e-03	-1.48e-03	2.72e-04
107	10	-0.45	0.17	-1.46e-03	4.11e-04	-1.86e-03	-1.38e-04
107	11	-0.59	-0.03	-1.98e-03	2.79e-04	-2.41e-03	3.19e-05
107	12	0.20	-0.42	-4.13e-03	1.25e-03	-7.55e-04	-1.89e-04
107	13	-0.16	-0.65	-6.94e-03	1.97e-03	-7.99e-04	1.53e-04
107	14	-0.34	0.12	-1.09e-03	3.09e-04	-1.39e-03	-1.04e-04
107	15	-0.44	-0.02	-1.48e-03	2.09e-04	-1.81e-03	2.40e-05
107	16	0.15	-0.32	-3.10e-03	9.36e-04	-5.67e-04	-1.42e-04
107	17	-0.12	-0.49	-5.21e-03	1.48e-03	-5.99e-04	1.15e-04
108	1	6.84e-05	8.17e-04	-6.66e-03	1.92e-06	-3.19e-05	3.48e-06
108	2	2.86e-03	1.79e-03	-0.02	-1.66e-05	-1.85e-04	1.12e-05
108	3	1.47e-03	2.50e-04	-1.26e-03	-1.12e-05	-7.50e-05	1.05e-06
108	4	2.22e-03	3.88e-04	-2.46e-03	-1.61e-05	-1.12e-04	1.77e-06
108	5	1.61e-04	1.13e-04	-3.93e-03	6.85e-06	1.02e-05	0.0
108	6	-0.84	0.09	4.97e-04	-3.42e-04	-3.31e-03	-2.35e-04
108	7	-1.10	-0.03	5.97e-04	-1.79e-04	-4.26e-03	1.23e-04
108	8	0.37	-0.89	-5.25e-03	2.60e-03	1.52e-03	-3.17e-04
108	9	-0.30	-1.05	-6.16e-03	2.96e-03	9.14e-04	2.71e-04
108	10	-0.45	0.05	2.78e-04	-1.83e-04	-1.78e-03	-1.33e-04
108	11	-0.59	-0.02	3.38e-04	-9.53e-05	-2.26e-03	6.79e-05
108	12	0.20	-0.48	-2.81e-03	1.40e-03	8.22e-04	-1.74e-04
108	13	-0.16	-0.56	-3.29e-03	1.57e-03	5.12e-04	1.50e-04
108	14	-0.34	0.04	2.10e-04	-1.38e-04	-1.33e-03	-1.00e-04
108	15	-0.44	-0.01	2.57e-04	-7.14e-05	-1.70e-03	5.13e-05
108	16	0.15	-0.36	-2.11e-03	1.05e-03	6.17e-04	-1.31e-04
108	17	-0.12	-0.42	-2.47e-03	1.18e-03	3.84e-04	1.12e-04
109	1	7.78e-04	7.86e-04	-6.67e-03	1.97e-06	3.27e-05	-1.97e-06
109	2	5.61e-03	9.95e-04	-0.02	-1.65e-05	1.98e-04	-4.31e-06
109	3	1.71e-03	-3.71e-05	-1.26e-03	-1.12e-05	8.07e-05	0.0
109	4	2.61e-03	-4.59e-05	-2.45e-03	-1.61e-05	1.21e-04	0.0
109	5	2.58e-04	2.29e-04	-3.93e-03	6.73e-06	-9.79e-06	0.0
109	6	-0.85	-0.13	-7.12e-04	4.67e-04	-3.31e-03	-2.35e-04
109	7	-1.11	-0.03	-7.54e-04	2.61e-04	-4.25e-03	1.23e-04
109	8	0.38	-1.04	-6.00e-03	2.91e-03	-1.17e-03	-3.32e-04
109	9	-0.30	-0.93	-5.42e-03	2.68e-03	-1.25e-03	2.97e-04
109	10	-0.46	-0.07	-3.87e-04	2.50e-04	-1.77e-03	-1.32e-04
109	11	-0.59	-0.02	-4.17e-04	1.39e-04	-2.26e-03	6.70e-05
109	12	0.21	-0.55	-3.21e-03	1.55e-03	-6.51e-04	-1.84e-04
109	13	-0.16	-0.50	-2.90e-03	1.44e-03	-6.76e-04	1.63e-04
109	14	-0.34	-0.05	-2.91e-04	1.87e-04	-1.33e-03	-9.92e-05
109	15	-0.44	-0.01	-3.15e-04	1.04e-04	-1.69e-03	5.05e-05
109	16	0.15	-0.42	-2.41e-03	1.16e-03	-4.89e-04	-1.38e-04
109	17	-0.12	-0.37	-2.18e-03	1.08e-03	-5.07e-04	1.22e-04
110	1	7.82e-04	2.39e-04	-5.05e-03	-7.06e-06	-3.37e-05	-1.29e-06
110	2	5.60e-03	-7.18e-05	-0.01	-3.02e-05	-1.72e-04	-1.42e-06
110	3	1.65e-03	8.89e-05	-1.08e-03	-1.93e-05	-7.80e-05	0.0
110	4	2.52e-03	1.35e-04	-2.21e-03	-2.79e-05	-1.16e-04	0.0
110	5	2.94e-04	7.30e-04	-3.75e-03	-2.99e-06	4.48e-06	0.0
110	6	-0.85	-0.34	2.61e-03	8.44e-04	-3.44e-03	-2.56e-04
110	7	-1.11	0.04	3.29e-03	-4.21e-04	-4.52e-03	7.45e-05
110	8	0.37	-1.26	-0.01	3.79e-03	1.78e-03	-3.31e-04
110	9	-0.30	-0.81	-7.80e-03	2.38e-03	1.06e-03	2.85e-04
110	10	-0.46	-0.19	1.52e-03	4.71e-04	-1.85e-03	-1.42e-04
110	11	-0.59	0.02	1.75e-03	-2.24e-04	-2.40e-03	4.03e-05
110	12	0.21	-0.67	-7.09e-03	2.01e-03	9.60e-04	-1.83e-04
110	13	-0.16	-0.44	-4.29e-03	1.30e-03	5.96e-04	1.57e-04
110	14	-0.34	-0.14	1.14e-03	3.53e-04	-1.38e-03	-1.07e-04
110	15	-0.44	0.01	1.31e-03	-1.67e-04	-1.80e-03	3.03e-05
110	16	0.15	-0.50	-5.32e-03	1.51e-03	7.20e-04	-1.37e-04
110	17	-0.12	-0.33	-3.22e-03	9.75e-04	4.47e-04	1.18e-04
111	1	7.34e-06	3.28e-04	-2.21e-03	4.97e-05	1.42e-06	0.0
111	2	2.73e-03	3.72e-04	-9.66e-03	2.41e-04	5.95e-06	0.0
111	3	1.49e-03	1.28e-04	-3.78e-03	8.83e-05	-1.07e-06	0.0
111	4	2.24e-03	1.79e-04	-5.68e-03	1.33e-04	-1.50e-06	0.0
111	5	1.45e-04	7.82e-05	-4.76e-05	4.36e-06	-1.20e-06	0.0
111	6	-0.83	0.19	5.27e-04	-8.93e-04	-1.54e-04	-2.16e-04
111	7	-1.10	-0.04	4.73e-04	1.83e-04	-2.15e-04	2.64e-05
111	8	0.38	-0.81	2.78e-03	3.81e-03	7.63e-05	-2.45e-04
111	9	-0.31	-1.13	3.98e-03	5.29e-03	-6.15e-05	2.30e-04
111	10	-0.45	0.11	3.03e-04	-4.92e-04	-9.33e-05	-1.19e-04

111	11	-0.59	-0.02	2.52e-04	9.89e-05	-1.31e-04	1.46e-05
111	12	0.21	-0.44	1.51e-03	2.07e-03	4.60e-05	-1.36e-04
111	13	-0.17	-0.60	2.11e-03	2.81e-03	-3.69e-05	1.26e-04
111	14	-0.34	0.08	2.27e-04	-3.69e-04	-7.17e-05	-8.90e-05
111	15	-0.44	-0.02	1.89e-04	7.43e-05	-1.00e-04	1.10e-05
111	16	0.16	-0.33	1.14e-03	1.55e-03	3.58e-05	-1.02e-04
111	17	-0.13	-0.45	1.59e-03	2.11e-03	-2.87e-05	9.50e-05
112	1	8.24e-04	4.67e-04	-2.21e-03	4.92e-05	-1.04e-06	0.0
112	2	5.70e-03	1.02e-04	-9.64e-03	2.42e-04	-5.34e-06	0.0
112	3	1.67e-03	-9.53e-05	-3.77e-03	8.89e-05	0.0	0.0
112	4	2.56e-03	-1.36e-04	-5.67e-03	1.34e-04	1.28e-06	0.0
112	5	2.48e-04	4.06e-04	-4.86e-05	3.14e-06	1.37e-06	0.0
112	6	-0.84	-0.24	-6.48e-04	1.10e-03	-1.59e-04	-2.10e-04
112	7	-1.11	0.02	-3.78e-04	-9.91e-05	-2.19e-04	4.03e-05
112	8	0.39	-1.14	4.03e-03	5.33e-03	7.94e-05	-2.67e-04
112	9	-0.31	-0.86	2.93e-03	4.01e-03	-6.55e-05	2.16e-04
112	10	-0.45	-0.13	-3.63e-04	6.01e-04	-9.59e-05	-1.16e-04
112	11	-0.59	0.01	-2.01e-04	-5.32e-05	-1.33e-04	2.19e-05
112	12	0.22	-0.61	2.14e-03	2.83e-03	4.78e-05	-1.47e-04
112	13	-0.17	-0.46	1.58e-03	2.17e-03	-3.88e-05	1.19e-04
112	14	-0.34	-0.10	-2.73e-04	4.51e-04	-7.37e-05	-8.71e-05
112	15	-0.44	8.68e-03	-1.51e-04	-4.00e-05	-1.02e-04	1.65e-05
112	16	0.16	-0.46	1.60e-03	2.13e-03	3.71e-05	-1.10e-04
112	17	-0.13	-0.35	1.19e-03	1.63e-03	-3.01e-05	8.94e-05
113	1	-4.17e-04	-1.75e-04	-3.55e-03	7.65e-06	2.63e-05	1.36e-06
113	2	1.65e-03	-5.29e-04	-8.68e-03	-2.94e-05	4.06e-05	2.05e-06
113	3	1.44e-03	1.31e-04	-3.81e-04	-5.32e-06	3.27e-05	0.0
113	4	2.14e-03	1.65e-04	-1.00e-03	-8.62e-06	4.68e-05	0.0
113	5	1.84e-04	1.68e-04	-2.60e-03	1.61e-05	5.77e-05	0.0
113	6	-0.80	0.32	-0.02	-1.48e-03	-3.04e-03	-2.61e-04
113	7	-1.12	-0.06	-0.03	-2.09e-04	-4.06e-03	6.09e-05
113	8	0.47	-0.76	0.02	3.22e-03	1.74e-03	-3.23e-04
113	9	-0.39	-1.25	0.02	5.03e-03	9.74e-04	2.89e-04
113	10	-0.43	0.18	-0.01	-8.03e-04	-1.63e-03	-1.44e-04
113	11	-0.60	-0.03	-0.01	-1.12e-04	-2.16e-03	3.28e-05
113	12	0.26	-0.42	0.01	1.77e-03	9.39e-04	-1.78e-04
113	13	-0.21	-0.66	8.89e-03	2.67e-03	5.51e-04	1.59e-04
113	14	-0.32	0.13	-9.39e-03	-6.02e-04	-1.22e-03	-1.08e-04
113	15	-0.45	-0.03	-0.01	-8.41e-05	-1.62e-03	2.47e-05
113	16	0.19	-0.31	7.99e-03	1.33e-03	7.04e-04	-1.34e-04
113	17	-0.16	-0.50	6.67e-03	2.00e-03	4.13e-04	1.19e-04
114	1	-4.19e-04	1.05e-03	-4.67e-03	-2.63e-06	-2.87e-05	1.67e-06
114	2	1.60e-03	2.47e-03	-8.92e-03	-4.12e-05	-5.38e-05	3.13e-06
114	3	1.40e-03	2.73e-04	-4.49e-04	-7.87e-06	-2.64e-05	0.0
114	4	2.08e-03	4.43e-04	-9.64e-04	-1.25e-05	-3.89e-05	0.0
114	5	1.25e-04	1.29e-04	-2.54e-03	1.55e-05	-5.63e-05	0.0
114	6	-0.80	0.07	0.02	2.92e-04	-2.97e-03	-2.65e-04
114	7	-1.12	-0.03	0.02	4.60e-04	-4.10e-03	5.06e-05
114	8	0.47	-0.91	0.02	3.82e-03	-1.42e-03	-3.36e-04
114	9	-0.39	-1.03	0.03	4.54e-03	-1.63e-03	2.73e-04
114	10	-0.43	0.04	8.85e-03	1.68e-04	-1.60e-03	-1.46e-04
114	11	-0.60	-0.02	0.01	2.45e-04	-2.18e-03	2.73e-05
114	12	0.26	-0.49	9.50e-03	2.05e-03	-7.91e-04	-1.84e-04
114	13	-0.21	-0.55	0.02	2.41e-03	-8.79e-04	1.51e-04
114	14	-0.32	0.03	6.64e-03	1.26e-04	-1.20e-03	-1.10e-04
114	15	-0.45	-0.01	9.52e-03	1.83e-04	-1.63e-03	2.06e-05
114	16	0.19	-0.36	7.13e-03	1.54e-03	-5.93e-04	-1.38e-04
114	17	-0.16	-0.41	0.01	1.81e-03	-6.59e-04	1.13e-04
115	1	1.16e-03	9.96e-04	-4.66e-03	-2.52e-06	2.89e-05	-1.53e-06
115	2	6.29e-03	1.53e-03	-8.79e-03	-3.92e-05	6.43e-05	-2.56e-06
115	3	1.62e-03	-6.21e-05	-3.92e-04	-7.01e-06	3.17e-05	0.0
115	4	2.48e-03	-6.77e-05	-8.80e-04	-1.13e-05	4.69e-05	0.0
115	5	1.17e-04	1.96e-04	-2.54e-03	1.53e-05	5.61e-05	0.0
115	6	-0.81	-0.12	-0.02	-3.37e-04	-2.86e-03	-2.54e-04
115	7	-1.14	-0.05	-0.03	-3.57e-04	-3.96e-03	7.73e-05
115	8	0.48	-1.02	0.03	4.50e-03	1.90e-03	-3.26e-04
115	9	-0.39	-0.94	0.02	3.96e-03	1.08e-03	2.94e-04
115	10	-0.44	-0.06	-9.39e-03	-1.90e-04	-1.54e-03	-1.41e-04
115	11	-0.61	-0.02	-0.01	-1.90e-04	-2.11e-03	4.18e-05
115	12	0.26	-0.54	0.02	2.40e-03	1.03e-03	-1.80e-04
115	13	-0.21	-0.51	9.73e-03	2.12e-03	6.11e-04	1.61e-04
115	14	-0.33	-0.05	-7.04e-03	-1.43e-04	-1.15e-03	-1.06e-04
115	15	-0.46	-0.02	-0.01	-1.42e-04	-1.58e-03	3.14e-05
115	16	0.20	-0.41	0.01	1.80e-03	7.69e-04	-1.35e-04
115	17	-0.16	-0.38	7.30e-03	1.59e-03	4.58e-04	1.21e-04
116	1	1.14e-03	1.50e-04	-3.56e-03	6.87e-06	-2.55e-05	-1.05e-06

116	2	6.21e-03	3.33e-05	-8.77e-03	-3.48e-05	-2.72e-05	0.0
116	3	1.56e-03	1.10e-04	-4.20e-04	-6.89e-06	-2.68e-05	0.0
116	4	2.41e-03	1.78e-04	-1.06e-03	-1.10e-05	-3.81e-05	0.0
116	5	5.12e-05	7.97e-04	-2.61e-03	1.48e-05	-5.74e-05	0.0
116	6	-0.81	-0.36	0.02	1.68e-03	-3.05e-03	-2.57e-04
116	7	-1.14	0.05	0.03	3.35e-04	-4.07e-03	7.87e-05
116	8	0.48	-1.28	0.02	5.10e-03	-1.25e-03	-3.41e-04
116	9	-0.39	-0.80	0.02	3.37e-03	-1.47e-03	2.88e-04
116	10	-0.44	-0.20	0.01	9.10e-04	-1.64e-03	-1.42e-04
116	11	-0.61	0.02	0.01	1.79e-04	-2.17e-03	4.24e-05
116	12	0.26	-0.68	8.34e-03	2.71e-03	-6.97e-04	-1.88e-04
116	13	-0.21	-0.44	0.01	1.84e-03	-7.92e-04	1.59e-04
116	14	-0.33	-0.15	9.61e-03	6.82e-04	-1.23e-03	-1.07e-04
116	15	-0.46	0.02	0.01	1.34e-04	-1.62e-03	3.19e-05
116	16	0.20	-0.51	6.25e-03	2.03e-03	-5.23e-04	-1.41e-04
116	17	-0.16	-0.33	7.78e-03	1.38e-03	-5.94e-04	1.19e-04
117	1	-5.40e-04	2.01e-04	-3.28e-03	9.05e-06	-6.69e-06	1.52e-06
117	2	1.41e-03	2.09e-04	-4.71e-03	1.45e-05	-5.59e-06	3.00e-06
117	3	1.41e-03	1.27e-04	-1.09e-03	1.92e-05	0.0	0.0
117	4	2.10e-03	1.79e-04	-1.78e-03	2.72e-05	1.44e-06	0.0
117	5	1.73e-04	8.14e-05	-2.04e-03	3.80e-05	-5.02e-06	0.0
117	6	-0.79	0.23	-5.36e-03	-1.45e-03	-2.64e-03	-2.66e-04
117	7	-1.13	-0.05	-4.91e-03	-2.36e-04	-3.61e-03	3.51e-05
117	8	0.50	-0.79	7.13e-03	4.55e-03	1.73e-03	-3.15e-04
117	9	-0.42	-1.17	7.54e-03	6.41e-03	9.18e-04	2.75e-04
117	10	-0.43	0.13	-2.85e-03	-7.88e-04	-1.42e-03	-1.46e-04
117	11	-0.60	-0.03	-2.61e-03	-1.27e-04	-1.92e-03	1.90e-05
117	12	0.27	-0.43	3.82e-03	2.48e-03	9.30e-04	-1.74e-04
117	13	-0.23	-0.62	4.01e-03	3.40e-03	5.22e-04	1.51e-04
117	14	-0.32	0.10	-2.14e-03	-5.91e-04	-1.06e-03	-1.10e-04
117	15	-0.45	-0.02	-1.96e-03	-9.49e-05	-1.44e-03	1.43e-05
117	16	0.21	-0.32	2.86e-03	1.86e-03	6.98e-04	-1.30e-04
117	17	-0.17	-0.47	3.01e-03	2.55e-03	3.92e-04	1.13e-04
118	1	-5.55e-04	5.96e-04	-3.48e-03	6.17e-06	1.62e-06	1.55e-06
118	2	1.26e-03	1.11e-03	-3.72e-03	1.94e-05	3.92e-06	3.93e-06
118	3	1.39e-03	1.71e-04	-1.11e-03	1.78e-05	3.70e-06	0.0
118	4	2.06e-03	2.61e-04	-1.66e-03	2.59e-05	5.43e-06	0.0
118	5	1.44e-04	6.14e-05	-2.03e-03	3.83e-05	5.98e-06	0.0
118	6	-0.79	0.15	1.49e-03	6.79e-04	-2.57e-03	-2.65e-04
118	7	-1.13	-0.03	2.74e-03	7.77e-04	-3.66e-03	3.57e-05
118	8	0.50	-0.84	6.59e-03	4.60e-03	-1.38e-03	-3.18e-04
118	9	-0.41	-1.10	9.44e-03	6.30e-03	-1.62e-03	2.67e-04
118	10	-0.43	0.08	8.54e-04	3.94e-04	-1.39e-03	-1.46e-04
118	11	-0.60	-0.02	1.46e-03	4.14e-04	-1.95e-03	1.93e-05
118	12	0.27	-0.45	3.60e-03	2.50e-03	-7.72e-04	-1.75e-04
118	13	-0.23	-0.58	5.01e-03	3.34e-03	-8.76e-04	1.47e-04
118	14	-0.32	0.06	6.40e-04	2.96e-04	-1.09e-03	-1.09e-04
118	15	-0.45	-0.01	1.09e-03	3.10e-04	-1.46e-03	1.45e-05
118	16	0.21	-0.34	2.70e-03	1.87e-03	-5.79e-04	-1.31e-04
118	17	-0.17	-0.44	3.76e-03	2.51e-03	-6.57e-04	1.11e-04
119	1	1.26e-03	6.84e-04	-3.69e-03	2.37e-06	2.07e-06	-1.40e-06
119	2	6.49e-03	6.75e-04	-3.73e-03	1.23e-05	1.52e-05	-2.84e-06
119	3	1.59e-03	-7.08e-05	-1.10e-03	1.72e-05	2.10e-06	0.0
119	4	2.45e-03	-9.13e-05	-1.66e-03	2.49e-05	3.31e-06	0.0
119	5	3.90e-05	3.16e-04	-2.03e-03	3.40e-05	-4.66e-06	0.0
119	6	-0.80	-0.19	-1.51e-03	9.60e-04	-3.17e-03	-2.85e-04
119	7	-1.15	-0.02	-2.70e-03	-2.55e-04	-4.47e-03	4.84e-05
119	8	0.52	-1.10	9.68e-03	6.32e-03	2.11e-03	-3.43e-04
119	9	-0.42	-0.88	6.99e-03	5.00e-03	-1.41e-03	3.06e-04
119	10	-0.43	-0.11	-8.67e-04	5.28e-04	-1.71e-03	-1.57e-04
119	11	-0.62	-0.01	-1.44e-03	-1.36e-04	-2.38e-03	2.62e-05
119	12	0.28	-0.58	5.14e-03	3.36e-03	1.15e-03	-1.90e-04
119	13	-0.23	-0.48	3.79e-03	2.69e-03	-7.85e-04	1.68e-04
119	14	-0.33	-0.08	-6.51e-04	3.96e-04	-1.28e-03	-1.18e-04
119	15	-0.46	-0.01	-1.08e-03	-1.02e-04	-1.78e-03	1.97e-05
119	16	0.21	-0.44	3.85e-03	2.52e-03	8.61e-04	-1.42e-04
119	17	-0.17	-0.36	2.84e-03	2.02e-03	-5.89e-04	1.26e-04
120	1	1.23e-03	4.08e-04	-3.31e-03	8.11e-06	6.81e-06	-1.17e-06
120	2	6.28e-03	2.07e-04	-4.78e-03	8.28e-06	1.58e-05	-1.58e-06
120	3	1.55e-03	-1.69e-05	-1.10e-03	1.76e-05	3.93e-06	0.0
120	4	2.38e-03	-1.14e-05	-1.80e-03	2.46e-05	5.81e-06	0.0
120	5	5.37e-06	5.11e-04	-2.05e-03	3.68e-05	5.76e-06	0.0
120	6	-0.80	-0.28	8.31e-03	1.82e-03	-2.61e-03	-2.61e-04
120	7	-1.15	0.03	8.75e-03	6.17e-04	-3.57e-03	5.00e-05
120	8	0.52	-1.19	6.85e-03	6.33e-03	-1.16e-03	-3.25e-04
120	9	-0.42	-0.83	8.45e-03	4.78e-03	-1.46e-03	2.75e-04

120	10	-0.43	-0.15	4.43e-03	9.80e-04	-1.41e-03	-1.44e-04
120	11	-0.61	0.01	4.66e-03	3.29e-04	-1.90e-03	2.71e-05
120	12	0.28	-0.63	3.68e-03	3.36e-03	-6.49e-04	-1.79e-04
120	13	-0.23	-0.45	4.49e-03	2.58e-03	-7.84e-04	1.51e-04
120	14	-0.33	-0.11	3.32e-03	7.35e-04	-1.06e-03	-1.08e-04
120	15	-0.46	0.01	3.49e-03	2.46e-04	-1.42e-03	2.04e-05
120	16	0.21	-0.47	2.76e-03	2.52e-03	-4.87e-04	-1.35e-04
120	17	-0.17	-0.34	3.37e-03	1.94e-03	-5.88e-04	1.13e-04
121	1	1.80e-03	-6.57e-03	-7.44e-03	-9.71e-06	-1.49e-05	5.35e-05
121	2	0.02	-6.20e-03	-3.08e-03	-1.65e-04	-6.56e-05	1.32e-04
121	3	4.65e-03	8.88e-04	-4.62e-04	-1.46e-06	3.57e-06	2.31e-06
121	4	7.02e-03	1.11e-03	-1.37e-03	-7.65e-06	2.20e-06	6.66e-06
121	5	1.00e-03	6.92e-04	-0.01	5.09e-05	3.02e-05	1.97e-06
121	6	-4.67	0.21	0.25	-4.19e-04	-3.34e-03	-1.07e-03
121	7	-3.76	-0.11	0.17	-1.53e-04	-2.76e-03	-2.48e-04
121	8	-1.22	-2.97	-0.40	2.37e-03	6.60e-04	-9.58e-04
121	9	1.05	-3.41	-0.53	2.84e-03	9.92e-04	1.25e-03
121	10	-2.49	0.11	0.13	-2.27e-04	-1.78e-03	-5.80e-04
121	11	-2.00	-0.06	0.09	-8.19e-05	-1.47e-03	-1.33e-04
121	12	-0.67	-1.59	-0.22	1.27e-03	3.82e-04	-5.42e-04
121	13	0.58	-1.81	-0.28	1.51e-03	5.33e-04	6.70e-04
121	14	-1.86	0.09	0.10	-1.70e-04	-1.33e-03	-4.35e-04
121	15	-1.50	-0.04	0.07	-6.15e-05	-1.10e-03	-9.96e-05
121	16	-0.51	-1.19	-0.16	9.56e-04	2.86e-04	-4.06e-04
121	17	0.44	-1.36	-0.21	1.14e-03	4.00e-04	5.03e-04
122	1	7.99e-04	-6.47e-03	-6.77e-03	-1.40e-05	1.75e-05	-4.45e-05
122	2	0.01	-5.17e-03	-1.67e-04	-1.87e-04	8.37e-05	-9.33e-05
122	3	4.58e-03	1.17e-03	1.69e-04	-5.23e-06	2.83e-06	1.69e-06
122	4	6.86e-03	1.53e-03	-3.31e-04	-1.41e-05	7.46e-06	0.0
122	5	1.09e-03	9.00e-04	-0.01	5.05e-05	-2.91e-05	-1.21e-06
122	6	-4.67	-0.34	-0.27	5.88e-04	-3.32e-03	-9.12e-04
122	7	-3.76	-0.08	-0.19	2.76e-04	-2.75e-03	-1.15e-04
122	8	-1.22	-3.36	-0.52	2.80e-03	-1.02e-03	-1.25e-03
122	9	1.05	-3.06	-0.41	2.46e-03	-5.21e-04	8.31e-04
122	10	-2.48	-0.19	-0.15	3.17e-04	-1.77e-03	-4.98e-04
122	11	-2.00	-0.04	-0.10	1.47e-04	-1.46e-03	-6.30e-05
122	12	-0.68	-1.79	-0.27	1.49e-03	-5.54e-04	-6.76e-04
122	13	0.58	-1.64	-0.22	1.32e-03	-3.03e-04	4.64e-04
122	14	-1.86	-0.14	-0.11	2.38e-04	-1.33e-03	-3.74e-04
122	15	-1.50	-0.03	-0.08	1.10e-04	-1.10e-03	-4.74e-05
122	16	-0.51	-1.34	-0.21	1.12e-03	-4.16e-04	-5.07e-04
122	17	0.43	-1.23	-0.17	9.91e-04	-2.28e-04	3.48e-04
123	1	-6.30e-03	1.45e-04	-5.00e-03	-5.25e-05	-3.34e-06	-1.10e-05
123	2	-2.27e-03	3.76e-04	-6.51e-03	-1.64e-04	-4.34e-05	-1.60e-05
123	3	4.42e-03	7.34e-04	-1.39e-03	9.32e-06	2.40e-06	0.0
123	4	6.24e-03	1.03e-03	-2.28e-03	3.02e-06	0.0	0.0
123	5	6.71e-04	6.00e-04	-2.03e-03	-5.22e-06	0.0	0.0
123	6	-4.61	0.73	-0.01	7.51e-04	-2.96e-03	-6.95e-04
123	7	-3.73	-0.18	-0.01	8.98e-04	-2.54e-03	1.30e-04
123	8	-1.18	-2.61	-0.01	4.56e-03	-1.03e-03	-8.95e-04
123	9	0.98	-3.82	-0.02	6.42e-03	-5.14e-04	7.23e-04
123	10	-2.45	0.40	-6.37e-03	4.37e-04	-1.58e-03	-3.83e-04
123	11	-1.98	-0.09	-7.49e-03	4.80e-04	-1.35e-03	6.94e-05
123	12	-0.65	-1.43	-7.44e-03	2.48e-03	-5.51e-04	-4.91e-04
123	13	0.54	-2.03	-8.37e-03	3.41e-03	-2.95e-04	3.99e-04
123	14	-1.84	0.30	-4.78e-03	3.28e-04	-1.18e-03	-2.87e-04
123	15	-1.48	-0.07	-5.61e-03	3.60e-04	-1.01e-03	5.20e-05
123	16	-0.49	-1.07	-5.58e-03	1.86e-03	-4.13e-04	-3.68e-04
123	17	0.40	-1.52	-6.28e-03	2.56e-03	-2.22e-04	2.99e-04
124	1	8.14e-03	1.87e-04	-5.00e-03	-5.32e-05	3.09e-06	1.05e-05
124	2	0.02	2.43e-03	-0.01	-1.47e-04	4.86e-05	1.43e-05
124	3	4.41e-03	1.59e-03	-2.86e-03	1.62e-05	0.0	0.0
124	4	6.99e-03	2.32e-03	-4.47e-03	1.33e-05	3.86e-06	0.0
124	5	1.39e-03	1.23e-03	-2.03e-03	-5.43e-06	1.08e-06	0.0
124	6	-4.62	-0.88	0.01	1.13e-03	-2.84e-03	-6.96e-04
124	7	-3.74	0.08	0.01	-4.39e-04	-2.44e-03	1.35e-04
124	8	-1.15	-3.85	-0.02	6.47e-03	5.80e-04	-8.60e-04
124	9	1.01	-2.74	-0.02	4.76e-03	9.74e-04	7.63e-04
124	10	-2.46	-0.48	5.67e-03	6.30e-04	-1.51e-03	-3.83e-04
124	11	-1.99	0.04	6.95e-03	-2.36e-04	-1.30e-03	7.17e-05
124	12	-0.64	-2.04	-8.79e-03	3.44e-03	3.33e-04	-4.75e-04
124	13	0.56	-1.49	-8.11e-03	2.58e-03	5.19e-04	4.18e-04
124	14	-1.84	-0.36	4.25e-03	4.73e-04	-1.13e-03	-2.88e-04
124	15	-1.49	0.03	5.20e-03	-1.78e-04	-9.73e-04	5.37e-05
124	16	-0.48	-1.53	-6.60e-03	2.58e-03	2.50e-04	-3.56e-04
124	17	0.42	-1.12	-6.08e-03	1.93e-03	3.89e-04	3.14e-04

125	1	-6.52e-03	-4.01e-03	-5.63e-03	-3.50e-05	0.0	-2.04e-05
125	2	-2.81e-03	-5.30e-03	-8.18e-03	-1.21e-04	5.68e-05	-2.72e-05
125	3	4.40e-03	8.02e-04	-1.23e-03	8.31e-06	0.0	0.0
125	4	6.21e-03	9.53e-04	-2.10e-03	3.51e-06	4.48e-06	0.0
125	5	6.49e-04	4.72e-04	-2.11e-03	7.69e-06	4.18e-06	0.0
125	6	-4.61	0.48	7.76e-03	-1.06e-03	-3.04e-03	-6.83e-04
125	7	-3.73	-0.14	3.18e-03	-1.50e-04	-2.41e-03	1.43e-04
125	8	-1.18	-2.77	-0.02	4.76e-03	6.96e-04	-8.90e-04
125	9	0.97	-3.63	-0.02	6.33e-03	1.18e-03	6.96e-04
125	10	-2.45	0.27	4.15e-03	-5.81e-04	-1.62e-03	-3.76e-04
125	11	-1.98	-0.07	1.69e-03	-8.28e-05	-1.28e-03	7.60e-05
125	12	-0.65	-1.50	-9.63e-03	2.58e-03	4.06e-04	-4.87e-04
125	13	0.54	-1.93	-0.01	3.37e-03	6.33e-04	3.86e-04
125	14	-1.84	0.20	3.12e-03	-4.36e-04	-1.21e-03	-2.82e-04
125	15	-1.48	-0.05	1.27e-03	-6.26e-05	-9.61e-04	5.69e-05
125	16	-0.49	-1.12	-7.22e-03	1.93e-03	3.05e-04	-3.66e-04
125	17	0.40	-1.45	-9.18e-03	2.53e-03	4.75e-04	2.90e-04
126	1	8.09e-03	-3.81e-03	-5.65e-03	-3.79e-05	0.0	1.95e-05
126	2	0.02	-2.83e-03	-0.01	-1.18e-04	-4.98e-05	2.49e-05
126	3	4.40e-03	1.49e-03	-2.64e-03	1.34e-05	2.72e-06	0.0
126	4	6.98e-03	2.01e-03	-4.22e-03	1.07e-05	0.0	1.62e-06
126	5	1.40e-03	9.48e-04	-2.14e-03	7.16e-06	-4.16e-06	1.09e-06
126	6	-4.62	-0.63	-7.59e-03	1.61e-03	-3.14e-03	-6.90e-04
126	7	-3.74	0.07	-2.52e-03	4.97e-04	-2.49e-03	1.42e-04
126	8	-1.15	-3.62	-0.02	6.24e-03	-1.27e-03	-8.36e-04
126	9	1.01	-2.89	-0.02	4.85e-03	-5.86e-04	7.59e-04
126	10	-2.46	-0.34	-4.07e-03	8.68e-04	-1.67e-03	-3.80e-04
126	11	-1.99	0.04	-1.34e-03	2.65e-04	-1.33e-03	7.53e-05
126	12	-0.64	-1.92	-0.01	3.32e-03	-6.84e-04	-4.63e-04
126	13	0.56	-1.55	-0.01	2.62e-03	-3.43e-04	4.16e-04
126	14	-1.84	-0.26	-3.05e-03	6.51e-04	-1.26e-03	-2.85e-04
126	15	-1.49	0.03	-1.00e-03	1.98e-04	-9.92e-04	5.64e-05
126	16	-0.48	-1.44	-9.46e-03	2.49e-03	-5.13e-04	-3.47e-04
126	17	0.42	-1.17	-7.84e-03	1.96e-03	-2.58e-04	3.12e-04
127	1	-4.73e-03	4.35e-03	-8.19e-03	-1.15e-04	4.87e-05	-6.90e-06
127	2	-1.80e-04	5.13e-03	-0.02	-5.33e-04	1.85e-04	2.74e-06
127	3	4.38e-03	5.62e-04	-5.85e-04	-1.12e-06	-1.10e-06	0.0
127	4	6.26e-03	1.01e-03	-2.05e-03	-3.12e-05	1.00e-05	0.0
127	5	8.12e-04	1.00e-03	-5.70e-03	-8.88e-05	1.01e-05	-2.52e-06
127	6	-4.53	0.99	-0.04	-5.74e-04	-3.15e-03	-9.30e-04
127	7	-3.73	-0.21	-0.04	3.67e-04	-2.74e-03	-7.70e-05
127	8	-1.07	-2.48	-0.02	1.98e-03	-8.60e-04	-9.50e-04
127	9	0.89	-4.02	-0.01	3.10e-03	-1.0e-04	7.87e-04
127	10	-2.41	0.55	-0.02	-3.25e-04	-1.68e-03	-5.06e-04
127	11	-1.99	-0.11	-0.02	1.97e-04	-1.46e-03	-4.14e-05
127	12	-0.59	-1.37	-8.26e-03	1.09e-03	-4.62e-04	-5.22e-04
127	13	0.49	-2.13	-6.01e-03	1.65e-03	-2.40e-04	4.34e-04
127	14	-1.81	0.41	-0.02	-2.44e-04	-1.26e-03	-3.79e-04
127	15	-1.49	-0.08	-0.01	1.48e-04	-1.09e-03	-3.10e-05
127	16	-0.44	-1.03	-6.19e-03	8.17e-04	-3.47e-04	-3.92e-04
127	17	0.37	-1.60	-4.51e-03	1.24e-03	-1.80e-04	3.26e-04
128	1	-4.79e-03	-8.66e-03	-0.01	-3.59e-05	-2.19e-05	2.10e-05
128	2	-2.28e-04	-0.01	-0.03	-2.75e-04	-9.52e-05	3.08e-05
128	3	4.37e-03	8.00e-04	-5.39e-04	-1.46e-06	3.57e-06	0.0
128	4	6.22e-03	8.66e-04	-2.77e-03	-1.82e-05	0.0	2.10e-06
128	5	6.79e-04	6.20e-04	-6.04e-03	2.03e-06	1.70e-05	2.23e-06
128	6	-4.53	0.24	0.05	-3.98e-04	-3.33e-03	-8.83e-04
128	7	-3.74	-0.10	0.04	-1.39e-04	-2.76e-03	-4.03e-05
128	8	-1.07	-2.96	-0.04	2.33e-03	6.58e-04	-9.42e-04
128	9	0.89	-3.45	-0.05	2.79e-03	9.79e-04	8.76e-04
128	10	-2.41	0.13	0.03	-2.15e-04	-1.78e-03	-4.82e-04
128	11	-1.99	-0.05	0.02	-7.45e-05	-1.47e-03	-2.23e-05
128	12	-0.59	-1.59	-0.02	1.25e-03	3.80e-04	-5.21e-04
128	13	0.49	-1.84	-0.03	1.49e-03	5.26e-04	4.79e-04
128	14	-1.81	0.10	0.02	-1.62e-04	-1.33e-03	-3.61e-04
128	15	-1.49	-0.04	0.01	-5.59e-05	-1.10e-03	-1.68e-05
128	16	-0.45	-1.19	-0.01	9.41e-04	2.85e-04	-3.91e-04
128	17	0.37	-1.38	-0.02	1.12e-03	3.95e-04	3.59e-04
129	1	6.34e-03	-8.28e-03	-0.01	-4.02e-05	2.45e-05	-1.90e-05
129	2	0.02	-8.83e-03	-0.04	-2.97e-04	1.13e-04	-2.12e-05
129	3	4.37e-03	1.20e-03	-7.57e-04	-5.23e-06	2.83e-06	0.0
129	4	6.87e-03	1.49e-03	-3.13e-03	-2.47e-05	1.03e-05	0.0
129	5	1.31e-03	8.53e-04	-6.14e-03	1.63e-06	-1.59e-05	-1.89e-06
129	6	-4.55	-0.38	-0.05	5.66e-04	-3.32e-03	-8.67e-04
129	7	-3.75	-0.08	-0.03	2.62e-04	-2.75e-03	-2.88e-05
129	8	-1.05	-3.40	-0.05	2.76e-03	-1.01e-03	-1.00e-03

129	9	0.92	-3.05	-0.04	2.42e-03	-5.18e-04	8.05e-04
129	10	-2.42	-0.21	-0.02	3.04e-04	-1.77e-03	-4.74e-04
129	11	-1.99	-0.04	-0.02	1.39e-04	-1.46e-03	-1.64e-05
129	12	-0.59	-1.81	-0.03	1.47e-03	-5.47e-04	-5.48e-04
129	13	0.51	-1.63	-0.02	1.30e-03	-3.01e-04	4.44e-04
129	14	-1.81	-0.15	-0.02	2.28e-04	-1.32e-03	-3.55e-04
129	15	-1.49	-0.03	-0.01	1.04e-04	-1.09e-03	-1.24e-05
129	16	-0.44	-1.36	-0.02	1.10e-03	-4.11e-04	-4.11e-04
129	17	0.38	-1.23	-0.01	9.73e-04	-2.26e-04	3.33e-04
130	1	6.73e-03	4.08e-03	-8.07e-03	-1.15e-04	-4.93e-05	5.72e-06
130	2	0.02	6.42e-03	-0.02	-5.31e-04	-1.84e-04	-5.13e-06
130	3	4.41e-03	1.42e-03	-7.42e-04	1.15e-06	2.00e-06	0.0
130	4	6.93e-03	2.30e-03	-2.28e-03	-2.79e-05	-8.76e-06	0.0
130	5	1.20e-03	1.82e-03	-5.71e-03	-8.86e-05	-1.01e-05	3.10e-06
130	6	-4.54	-1.14	0.04	6.56e-04	-3.09e-03	-9.29e-04
130	7	-3.74	0.11	0.04	-2.98e-04	-2.69e-03	-6.99e-05
130	8	-1.05	-4.09	-0.01	3.12e-03	5.18e-04	-9.33e-04
130	9	0.92	-2.62	-0.02	2.08e-03	8.09e-04	8.10e-04
130	10	-2.42	-0.63	0.02	3.66e-04	-1.65e-03	-5.05e-04
130	11	-1.99	0.06	0.02	-1.60e-04	-1.43e-03	-3.76e-05
130	12	-0.58	-2.17	-6.17e-03	1.66e-03	2.99e-04	-5.15e-04
130	13	0.51	-1.43	-8.13e-03	1.13e-03	4.33e-04	4.45e-04
130	14	-1.81	-0.47	0.02	2.75e-04	-1.23e-03	-3.79e-04
130	15	-1.49	0.04	0.01	-1.20e-04	-1.07e-03	-2.82e-05
130	16	-0.44	-1.63	-4.63e-03	1.25e-03	2.24e-04	-3.86e-04
130	17	0.38	-1.07	-6.10e-03	8.50e-04	3.25e-04	3.34e-04
131	1	2.01e-03	-5.50e-03	-0.02	0.0	7.99e-05	9.25e-06
131	2	0.02	-2.87e-03	-0.05	9.77e-05	-8.91e-05	2.81e-05
131	3	4.39e-03	1.34e-03	-2.12e-03	9.15e-06	8.31e-06	0.0
131	4	6.75e-03	1.79e-03	-5.85e-03	2.00e-05	1.52e-06	1.80e-06
131	5	7.25e-04	9.30e-04	-6.69e-03	-2.05e-05	5.69e-06	8.18e-06
131	6	-4.30	-0.45	8.36e-03	-2.14e-04	-4.32e-03	-5.94e-04
131	7	-3.80	-0.07	3.98e-03	-3.36e-04	-3.95e-03	2.41e-04
131	8	-0.72	-3.45	0.03	2.71e-03	7.78e-04	-8.38e-04
131	9	0.60	-2.98	0.02	2.41e-03	1.17e-03	7.40e-04
131	10	-2.29	-0.25	4.47e-03	-1.21e-04	-2.30e-03	-3.28e-04
131	11	-2.02	-0.04	2.12e-03	-1.79e-04	-2.10e-03	1.29e-04
131	12	-0.40	-1.83	0.01	1.44e-03	4.38e-04	-4.63e-04
131	13	0.33	-1.60	0.01	1.29e-03	6.20e-04	4.06e-04
131	14	-1.71	-0.18	3.35e-03	-9.07e-05	-1.73e-03	-2.46e-04
131	15	-1.51	-0.03	1.59e-03	-1.34e-04	-1.58e-03	9.69e-05
131	16	-0.30	-1.38	0.01	1.08e-03	3.28e-04	-3.47e-04
131	17	0.25	-1.20	9.14e-03	9.68e-04	4.65e-04	3.05e-04
132	1	4.61e-04	-5.64e-03	-0.02	5.53e-06	-7.07e-05	-9.07e-06
132	2	7.30e-03	-4.47e-03	-0.05	6.10e-05	1.10e-04	-2.79e-05
132	3	4.30e-03	8.21e-04	-1.05e-03	-1.39e-06	1.09e-05	0.0
132	4	6.33e-03	1.01e-03	-4.03e-03	3.12e-06	2.47e-05	-1.35e-06
132	5	9.85e-04	6.09e-04	-6.09e-03	-2.17e-05	5.78e-06	-5.67e-06
132	6	-4.29	0.31	-2.72e-03	1.91e-04	-4.90e-03	-6.55e-04
132	7	-3.79	-0.11	1.52e-03	1.84e-04	-4.38e-03	1.48e-04
132	8	-0.73	-2.88	0.02	2.30e-03	-7.43e-04	-8.71e-04
132	9	0.59	-3.48	0.03	2.76e-03	7.95e-04	6.92e-04
132	10	-2.28	0.17	-1.54e-03	1.09e-04	-2.61e-03	-3.60e-04
132	11	-2.02	-0.06	8.57e-04	9.81e-05	-2.33e-03	7.89e-05
132	12	-0.40	-1.55	0.01	1.24e-03	-4.19e-04	-4.78e-04
132	13	0.33	-1.85	0.01	1.47e-03	3.32e-04	3.83e-04
132	14	-1.71	0.13	-1.17e-03	8.19e-05	-1.96e-03	-2.70e-04
132	15	-1.51	-0.05	6.50e-04	7.35e-05	-1.75e-03	5.92e-05
132	16	-0.30	-1.16	8.44e-03	9.29e-04	-3.15e-04	-3.58e-04
132	17	0.24	-1.39	0.01	1.10e-03	3.24e-04	2.87e-04
133	1	2.75e-03	2.38e-03	-0.01	8.66e-06	-4.48e-05	-1.51e-05
133	2	6.56e-03	4.91e-03	-0.04	1.20e-04	-1.96e-04	-1.37e-05
133	3	4.36e-03	6.35e-04	-1.54e-03	-1.44e-06	-1.04e-05	0.0
133	4	6.44e-03	1.05e-03	-4.01e-03	9.81e-06	-3.12e-05	0.0
133	5	1.19e-03	8.86e-04	-8.24e-03	3.06e-05	-3.81e-05	0.0
133	6	-4.18	0.88	-6.87e-03	1.81e-04	-3.75e-03	-6.32e-04
133	7	-3.82	-0.18	-9.40e-03	1.88e-04	-3.57e-03	2.22e-04
133	8	-0.59	-2.53	-0.01	7.90e-04	-6.33e-04	-8.90e-04
133	9	0.46	-3.92	-0.01	1.20e-03	-3.70e-04	7.06e-04
133	10	-2.23	0.49	-3.70e-03	1.04e-04	-2.00e-03	-3.51e-04
133	11	-2.03	-0.10	-5.01e-03	1.01e-04	-1.90e-03	1.18e-04
133	12	-0.33	-1.39	-5.49e-03	4.33e-04	-3.38e-04	-4.88e-04
133	13	0.25	-2.08	-7.54e-03	6.39e-04	-2.07e-04	3.91e-04
133	14	-1.67	0.37	-2.77e-03	7.84e-05	-1.50e-03	-2.63e-04
133	15	-1.52	-0.07	-3.75e-03	7.55e-05	-1.42e-03	8.84e-05
133	16	-0.24	-1.04	-4.12e-03	3.25e-04	-2.54e-04	-3.66e-04

133	17	0.19	-1.56	-5.66e-03	4.80e-04	-1.56e-04	2.93e-04
134	1	-1.53e-04	2.22e-03	-0.01	9.40e-06	3.47e-05	1.72e-05
134	2	0.02	6.99e-03	-0.04	1.21e-04	1.47e-04	1.91e-05
134	3	4.58e-03	1.45e-03	-1.26e-03	-1.65e-06	-8.77e-06	0.0
134	4	6.99e-03	2.30e-03	-3.62e-03	9.55e-06	2.21e-06	0.0
134	5	5.53e-04	1.64e-03	-8.16e-03	3.04e-05	3.16e-05	0.0
134	6	-4.20	-1.04	2.82e-03	-1.98e-04	-3.29e-03	-6.22e-04
134	7	-3.83	0.08	4.06e-03	-1.81e-04	-3.15e-03	2.33e-04
134	8	-0.58	-3.97	-0.02	1.21e-03	5.39e-04	-8.27e-04
134	9	0.47	-2.66	-0.01	8.34e-04	6.12e-04	7.71e-04
134	10	-2.23	-0.57	1.64e-03	-1.13e-04	-1.75e-03	-3.46e-04
134	11	-2.04	0.04	2.19e-03	-9.67e-05	-1.68e-03	1.24e-04
134	12	-0.32	-2.11	-9.66e-03	6.45e-04	2.95e-04	-4.58e-04
134	13	0.26	-1.45	-7.23e-03	4.53e-04	3.25e-04	4.22e-04
134	14	-1.68	-0.43	1.23e-03	-8.47e-05	-1.31e-03	-2.59e-04
134	15	-1.53	0.03	1.64e-03	-7.26e-05	-1.26e-03	9.29e-05
134	16	-0.24	-1.58	-7.24e-03	4.84e-04	2.21e-04	-3.44e-04
134	17	0.19	-1.09	-5.43e-03	3.40e-04	2.44e-04	3.16e-04
135	1	5.52e-03	2.05e-03	-0.05	-7.64e-04	-4.60e-04	0.0
135	2	6.25e-03	5.07e-03	-5.59e-03	4.40e-05	2.56e-04	1.83e-06
135	3	4.32e-03	5.14e-04	-2.83e-03	2.24e-06	-7.79e-06	0.0
135	4	6.40e-03	8.51e-04	-1.01e-03	2.96e-06	2.34e-05	1.11e-06
135	5	1.33e-03	9.18e-04	0.01	-5.66e-06	1.61e-04	0.0
135	6	-4.03	1.08	-0.27	-2.53e-04	-1.84e-03	-8.76e-04
135	7	-3.86	-0.17	-0.28	-3.68e-05	-1.92e-03	3.75e-05
135	8	-0.41	-2.47	-0.06	7.47e-04	-1.97e-04	-9.60e-04
135	9	0.25	-4.06	-0.08	1.11e-03	-4.17e-04	8.35e-04
135	10	-2.14	0.60	-0.14	-1.39e-04	-9.83e-04	-4.78e-04
135	11	-2.05	-0.09	-0.15	-2.12e-05	-1.02e-03	2.04e-05
135	12	-0.22	-1.37	-0.03	4.09e-04	-1.61e-04	-5.30e-04
135	13	0.14	-2.15	-0.04	5.92e-04	-2.22e-04	4.59e-04
135	14	-1.61	0.45	-0.11	-1.04e-04	-7.37e-04	-3.59e-04
135	15	-1.54	-0.07	-0.11	-1.61e-05	-7.66e-04	1.53e-05
135	16	-0.17	-1.02	-0.02	3.07e-04	-1.21e-04	-3.97e-04
135	17	0.11	-1.62	-0.03	4.44e-04	-1.67e-04	3.45e-04
136	1	-3.81e-03	2.75e-03	-0.04	-7.48e-04	4.11e-04	0.0
136	2	0.02	9.77e-03	4.66e-03	1.99e-05	-3.26e-04	3.08e-06
136	3	4.68e-03	1.62e-03	7.41e-04	-6.62e-06	-1.40e-05	0.0
136	4	7.04e-03	2.58e-03	4.45e-03	-1.07e-05	-5.79e-05	1.26e-06
136	5	1.95e-04	1.89e-03	0.02	-9.52e-06	-1.75e-04	0.0
136	6	-4.05	-1.23	0.24	3.28e-04	-1.74e-03	-8.95e-04
136	7	-3.88	0.08	0.25	7.61e-05	-1.81e-03	-2.40e-05
136	8	-0.41	-4.14	-0.08	1.10e-03	4.44e-04	-9.75e-04
136	9	0.26	-2.59	-0.05	7.64e-04	2.79e-04	8.20e-04
136	10	-2.15	-0.67	0.13	1.78e-04	-9.32e-04	-4.88e-04
136	11	-2.06	0.04	0.13	4.20e-05	-9.67e-04	-1.36e-05
136	12	-0.22	-2.19	-0.04	5.84e-04	2.37e-04	-5.37e-04
136	13	0.14	-1.42	-0.03	4.15e-04	1.51e-04	4.52e-04
136	14	-1.61	-0.50	0.10	1.33e-04	-7.00e-04	-3.66e-04
136	15	-1.54	0.03	0.10	3.16e-05	-7.25e-04	-1.02e-05
136	16	-0.17	-1.65	-0.03	4.38e-04	1.78e-04	-4.03e-04
136	17	0.11	-1.06	-0.02	3.12e-04	1.14e-04	3.39e-04
137	1	5.50e-03	2.50e-03	-0.02	-1.92e-05	2.91e-05	1.61e-06
137	2	6.20e-03	5.23e-03	-0.04	1.60e-05	3.30e-04	-3.81e-06
137	3	4.30e-03	6.20e-04	-1.65e-03	2.97e-06	-8.20e-06	0.0
137	4	6.36e-03	1.04e-03	-4.15e-03	0.0	2.97e-05	-1.20e-06
137	5	1.34e-03	9.23e-04	-8.74e-03	-2.65e-05	1.89e-04	-1.19e-05
137	6	-4.00	0.96	-0.03	-8.69e-04	-1.91e-03	-8.77e-04
137	7	-3.86	-0.18	-0.02	1.32e-04	-1.85e-03	3.47e-05
137	8	-0.39	-2.50	0.03	2.29e-03	-2.01e-04	-8.96e-04
137	9	0.22	-3.97	0.04	3.59e-03	1.34e-04	9.46e-04
137	10	-2.13	0.53	-0.02	-4.79e-04	-1.02e-03	-4.79e-04
137	11	-2.05	-0.09	-0.01	7.23e-05	-9.88e-04	1.90e-05
137	12	-0.21	-1.38	0.01	1.26e-03	-1.12e-04	-5.00e-04
137	13	0.12	-2.11	0.02	1.91e-03	7.57e-05	5.15e-04
137	14	-1.60	0.40	-0.01	-3.60e-04	-7.64e-04	-3.59e-04
137	15	-1.54	-0.07	-8.87e-03	5.45e-05	-7.40e-04	1.42e-05
137	16	-0.16	-1.03	0.01	9.47e-04	-8.41e-05	-3.75e-04
137	17	0.09	-1.58	0.02	1.43e-03	5.73e-05	3.86e-04
138	1	5.11e-03	-2.93e-03	-0.02	3.68e-05	-1.33e-04	-1.55e-05
138	2	6.54e-03	2.52e-03	-0.07	1.85e-04	-3.93e-04	5.35e-05
138	3	4.23e-03	8.69e-04	-1.07e-03	0.0	6.98e-06	0.0
138	4	6.29e-03	1.20e-03	-4.85e-03	9.05e-06	-3.27e-05	4.56e-06
138	5	1.53e-03	7.48e-04	-6.31e-03	3.73e-05	-1.99e-04	2.46e-05
138	6	-4.00	0.30	0.03	-2.90e-04	-1.78e-03	-6.45e-04
138	7	-3.86	-0.12	0.03	1.29e-04	-1.73e-03	2.11e-04

138	8	-0.39	-2.86	0.02	2.57e-03	-1.68e-04	-8.72e-04
138	9	0.22	-3.46	0.03	3.10e-03	1.03e-04	7.34e-04
138	10	-2.13	0.17	0.01	-1.61e-04	-9.48e-04	-3.58e-04
138	11	-2.05	-0.06	0.01	6.89e-05	-9.23e-04	1.12e-04
138	12	-0.21	-1.54	0.01	1.38e-03	-9.23e-05	-4.80e-04
138	13	0.12	-1.84	0.01	1.65e-03	5.68e-05	4.04e-04
138	14	-1.60	0.12	0.01	-1.21e-04	-7.11e-04	-2.68e-04
138	15	-1.54	-0.05	0.01	5.17e-05	-6.91e-04	8.41e-05
138	16	-0.16	-1.15	8.84e-03	1.04e-03	-6.93e-05	-3.60e-04
138	17	0.09	-1.38	0.01	1.24e-03	4.28e-05	3.03e-04
139	1	-3.19e-03	-3.30e-03	-0.02	3.63e-05	1.42e-04	1.43e-05
139	2	0.02	2.85e-03	-0.07	1.64e-04	4.29e-04	-5.73e-05
139	3	4.54e-03	1.26e-03	-3.36e-03	-7.08e-06	3.46e-06	0.0
139	4	6.82e-03	1.77e-03	-8.29e-03	-1.12e-06	4.98e-05	-7.07e-06
139	5	-9.07e-05	1.05e-03	-6.25e-03	3.73e-05	2.11e-04	-2.67e-05
139	6	-4.02	-0.45	-0.02	3.96e-04	-1.07e-03	-7.30e-04
139	7	-3.88	0.07	-0.02	-6.69e-05	-1.06e-03	1.21e-04
139	8	-0.39	-3.43	0.03	3.03e-03	-9.74e-05	-8.52e-04
139	9	0.23	-2.97	0.02	2.64e-03	5.75e-05	7.56e-04
139	10	-2.14	-0.24	-9.01e-03	2.16e-04	-5.74e-04	-4.02e-04
139	11	-2.06	0.04	-0.01	-3.57e-05	-5.67e-04	6.64e-05
139	12	-0.21	-1.82	0.02	1.61e-03	-5.33e-05	-4.70e-04
139	13	0.13	-1.59	0.01	1.42e-03	3.17e-05	4.15e-04
139	14	-1.60	-0.18	-6.77e-03	1.62e-04	-4.32e-04	-3.01e-04
139	15	-1.55	0.03	-7.62e-03	-2.68e-05	-4.25e-04	5.01e-05
139	16	-0.16	-1.37	0.01	1.21e-03	-4.00e-05	-3.53e-04
139	17	0.10	-1.19	9.60e-03	1.06e-03	2.38e-05	3.11e-04
140	1	-3.82e-03	3.09e-03	-0.02	-2.44e-05	-4.25e-05	1.19e-06
140	2	0.02	9.10e-03	-0.04	-1.33e-05	-4.03e-04	1.57e-05
140	3	4.64e-03	1.44e-03	-1.61e-03	-8.22e-06	-1.79e-05	1.61e-06
140	4	6.98e-03	2.33e-03	-4.08e-03	-1.77e-05	-6.99e-05	5.10e-06
140	5	1.58e-04	1.78e-03	-8.51e-03	-3.02e-05	-2.02e-04	1.34e-05
140	6	-4.02	-1.11	0.03	1.03e-03	-1.81e-03	-8.85e-04
140	7	-3.88	0.08	0.02	9.80e-05	-1.75e-03	2.53e-05
140	8	-0.39	-4.03	0.04	3.60e-03	-1.95e-04	-1.07e-03
140	9	0.23	-2.63	0.03	2.38e-03	1.11e-04	7.57e-04
140	10	-2.14	-0.60	0.01	5.63e-04	-9.67e-04	-4.83e-04
140	11	-2.06	0.04	8.66e-03	5.47e-05	-9.34e-04	1.42e-05
140	12	-0.21	-2.14	0.02	1.91e-03	-1.08e-04	-5.83e-04
140	13	0.13	-1.43	0.01	1.30e-03	6.42e-05	4.22e-04
140	14	-1.60	-0.45	0.01	4.23e-04	-7.26e-04	-3.62e-04
140	15	-1.54	0.03	6.49e-03	4.14e-05	-7.00e-04	1.07e-05
140	16	-0.16	-1.60	0.02	1.44e-03	-8.14e-05	-4.37e-04
140	17	0.10	-1.08	0.01	9.73e-04	4.87e-05	3.17e-04
141	1	6.32e-03	1.06e-03	-0.02	-2.06e-05	2.99e-05	-3.16e-06
141	2	5.32e-03	5.26e-03	-0.04	-2.43e-04	3.78e-04	8.83e-06
141	3	3.94e-03	5.43e-04	-1.28e-03	-1.06e-06	-4.89e-06	0.0
141	4	5.87e-03	8.19e-04	-3.80e-03	-6.72e-06	3.87e-05	2.31e-06
141	5	1.41e-03	8.05e-04	-9.90e-03	-5.97e-06	2.04e-04	9.70e-06
141	6	-3.56	0.98	-0.01	-9.01e-04	-1.70e-03	-8.25e-04
141	7	-3.89	-0.15	-0.02	4.27e-04	-1.87e-03	1.14e-04
141	8	0.54	-2.50	-0.02	2.82e-03	-2.55e-04	-8.89e-04
141	9	-0.35	-3.97	-0.03	4.48e-03	-2.86e-04	9.86e-04
141	10	-1.90	0.54	-7.96e-03	-5.07e-04	-9.07e-04	-4.53e-04
141	11	-2.07	-0.08	-0.01	2.28e-04	-9.99e-04	6.08e-05
141	12	0.29	-1.38	-9.84e-03	1.56e-03	-1.42e-04	-4.98e-04
141	13	-0.19	-2.10	-0.02	2.38e-03	-1.54e-04	5.36e-04
141	14	-1.42	0.41	-5.98e-03	-3.81e-04	-6.80e-04	-3.40e-04
141	15	-1.55	-0.06	-8.36e-03	1.71e-04	-7.48e-04	4.55e-05
141	16	0.22	-1.03	-7.40e-03	1.17e-03	-1.07e-04	-3.74e-04
141	17	-0.14	-1.58	-0.01	1.78e-03	-1.16e-04	4.02e-04
142	1	5.99e-03	4.72e-03	-0.02	-3.98e-05	-1.31e-04	2.11e-05
142	2	5.71e-03	9.71e-03	-0.06	-2.26e-04	-4.31e-04	-2.89e-05
142	3	3.91e-03	9.80e-04	-1.41e-03	1.96e-06	5.49e-06	0.0
142	4	5.83e-03	1.66e-03	-5.14e-03	-6.89e-06	-3.78e-05	-2.84e-06
142	5	1.56e-03	7.96e-04	-5.92e-03	-3.44e-05	-2.10e-04	-1.91e-05
142	6	-3.56	0.30	0.03	-2.95e-04	-1.72e-03	-8.04e-04
142	7	-3.90	-0.12	0.02	1.30e-04	-1.89e-03	-2.05e-05
142	8	0.54	-2.86	-0.04	2.64e-03	3.29e-04	-8.88e-04
142	9	-0.35	-3.46	-0.05	3.20e-03	1.46e-04	7.24e-04
142	10	-1.90	0.17	0.02	-1.64e-04	-9.16e-04	-4.38e-04
142	11	-2.07	-0.06	0.01	6.97e-05	-1.01e-03	-1.18e-05
142	12	0.29	-1.54	-0.02	1.42e-03	1.76e-04	-4.88e-04
142	13	-0.19	-1.84	-0.03	1.70e-03	8.21e-05	3.99e-04
142	14	-1.42	0.12	0.01	-1.23e-04	-6.87e-04	-3.28e-04
142	15	-1.55	-0.05	9.55e-03	5.23e-05	-7.53e-04	-8.87e-06

142	16	0.22	-1.15	-0.02	1.07e-03	1.32e-04	-3.66e-04
142	17	-0.14	-1.38	-0.02	1.28e-03	6.18e-05	3.00e-04
143	1	-4.82e-03	4.68e-03	-0.02	-4.07e-05	1.32e-04	-1.99e-05
143	2	0.01	0.01	-0.06	-2.31e-04	4.28e-04	3.36e-05
143	3	4.13e-03	1.24e-03	-1.84e-03	0.0	-6.54e-06	0.0
143	4	6.15e-03	2.08e-03	-5.78e-03	-9.26e-06	3.62e-05	4.49e-06
143	5	-5.65e-04	1.09e-03	-5.91e-03	-3.45e-05	2.10e-04	2.01e-05
143	6	-3.57	-0.43	-0.03	4.15e-04	-1.70e-03	-8.06e-04
143	7	-3.91	0.07	-0.02	-6.55e-05	-1.87e-03	-2.52e-05
143	8	0.55	-3.43	-0.05	3.14e-03	-2.44e-04	-8.42e-04
143	9	-0.33	-2.97	-0.05	2.73e-03	-2.40e-04	7.69e-04
143	10	-1.90	-0.24	-0.02	2.26e-04	-9.05e-04	-4.39e-04
143	11	-2.08	0.04	-0.01	-3.50e-05	-9.95e-04	-1.46e-05
143	12	0.30	-1.82	-0.03	1.67e-03	-1.33e-04	-4.66e-04
143	13	-0.18	-1.59	-0.02	1.47e-03	-1.29e-04	4.21e-04
143	14	-1.43	-0.18	-0.01	1.70e-04	-6.79e-04	-3.29e-04
143	15	-1.56	0.03	-9.93e-03	-2.63e-05	-7.45e-04	-1.10e-05
143	16	0.22	-1.37	-0.02	1.25e-03	-1.00e-04	-3.50e-04
143	17	-0.14	-1.19	-0.02	1.10e-03	-9.65e-05	3.16e-04
144	1	-5.13e-03	1.65e-03	-0.02	-1.87e-05	-3.59e-05	3.68e-06
144	2	0.01	9.45e-03	-0.04	-2.47e-04	-3.74e-04	-4.85e-06
144	3	4.06e-03	1.59e-03	-1.43e-03	-2.64e-06	8.24e-06	0.0
144	4	6.05e-03	2.44e-03	-4.02e-03	-8.94e-06	-3.43e-05	0.0
144	5	-4.22e-04	1.68e-03	-9.80e-03	-5.50e-06	-2.06e-04	-8.99e-06
144	6	-3.57	-1.14	0.01	1.04e-03	-1.69e-03	-8.33e-04
144	7	-3.91	0.07	0.02	-2.94e-04	-1.09e-03	1.09e-04
144	8	0.55	-4.03	-0.03	4.50e-03	3.69e-04	-1.12e-03
144	9	-0.33	-2.63	-0.02	2.94e-03	1.57e-04	7.44e-04
144	10	-1.90	-0.62	7.06e-03	5.76e-04	-9.02e-04	-4.57e-04
144	11	-2.08	0.04	0.01	-1.57e-04	-9.94e-04	5.83e-05
144	12	0.30	-2.14	-0.02	2.39e-03	1.98e-04	-6.13e-04
144	13	-0.18	-1.43	-0.01	1.61e-03	9.06e-05	4.17e-04
144	14	-1.43	-0.47	5.30e-03	4.32e-04	-6.77e-04	-3.43e-04
144	15	-1.56	0.03	7.70e-03	-1.18e-04	-7.45e-04	4.36e-05
144	16	0.22	-1.60	-0.01	1.79e-03	1.49e-04	-4.60e-04
144	17	-0.14	-1.08	-7.62e-03	1.21e-03	6.83e-05	3.13e-04
145	1	-5.27e-03	2.52e-03	-0.05	7.25e-04	4.23e-04	3.19e-06
145	2	0.01	9.77e-03	-0.01	-1.28e-04	-2.81e-04	4.19e-06
145	3	4.03e-03	1.64e-03	-2.35e-03	-3.61e-06	3.95e-06	0.0
145	4	6.00e-03	2.58e-03	-3.63e-04	-7.93e-06	-3.22e-05	1.57e-06
145	5	-4.53e-04	1.82e-03	0.01	-4.86e-06	-1.74e-04	1.89e-06
145	6	-3.55	-1.24	0.26	3.37e-04	-1.82e-03	-8.46e-04
145	7	-3.91	0.07	0.26	-1.15e-04	-1.86e-03	7.71e-05
145	8	0.58	-4.13	0.08	1.60e-03	-2.92e-04	-9.75e-04
145	9	-0.36	-2.59	0.08	1.08e-03	-3.41e-04	8.22e-04
145	10	-1.89	-0.68	0.14	1.88e-04	-9.74e-04	-4.63e-04
145	11	-2.08	0.04	0.14	-6.11e-05	-9.90e-04	4.12e-05
145	12	0.31	-2.19	0.04	8.50e-04	-1.57e-04	-5.37e-04
145	13	-0.20	-1.42	0.04	5.89e-04	-1.83e-04	4.53e-04
145	14	-1.42	-0.51	0.10	1.41e-04	-7.31e-04	-3.47e-04
145	15	-1.56	0.03	0.10	-4.58e-05	-7.42e-04	3.09e-05
145	16	0.23	-1.64	0.03	6.37e-04	-1.18e-04	-4.03e-04
145	17	-0.15	-1.06	0.03	4.42e-04	-1.37e-04	3.40e-04
146	1	6.43e-03	1.84e-03	-0.05	7.49e-04	-4.62e-04	-2.30e-06
146	2	5.27e-03	5.04e-03	-0.01	-1.18e-04	2.63e-04	0.0
146	3	3.92e-03	5.02e-04	-2.01e-03	0.0	-5.61e-06	0.0
146	4	5.85e-03	8.08e-04	1.46e-04	-2.55e-06	2.82e-05	0.0
146	5	1.41e-03	8.51e-04	0.01	-4.48e-06	1.67e-04	-1.09e-06
146	6	-3.53	1.09	-0.27	2.77e-04	-1.84e-03	-8.41e-04
146	7	-3.90	-0.17	-0.26	1.75e-04	-1.87e-03	8.18e-05
146	8	0.56	-2.47	0.09	1.03e-03	4.06e-04	-9.61e-04
146	9	-0.38	-4.06	0.09	1.58e-03	3.07e-04	8.35e-04
146	10	-1.88	0.60	-0.14	1.58e-04	-9.81e-04	-4.60e-04
146	11	-2.07	-0.09	-0.14	9.30e-05	-9.99e-04	4.37e-05
146	12	0.30	-1.37	0.05	5.65e-04	2.18e-04	-5.31e-04
146	13	-0.21	-2.15	0.05	8.40e-04	1.65e-04	4.59e-04
146	14	-1.41	0.45	-0.11	1.18e-04	-7.36e-04	-3.45e-04
146	15	-1.55	-0.07	-0.11	6.97e-05	-7.49e-04	3.27e-05
146	16	0.23	-1.02	0.04	4.24e-04	1.64e-04	-3.98e-04
146	17	-0.16	-1.62	0.04	6.30e-04	1.24e-04	3.45e-04
147	1	2.96e-03	1.03e-03	-0.01	2.60e-05	-2.03e-05	1.13e-05
147	2	4.03e-03	6.18e-03	-0.03	9.25e-05	-1.11e-04	1.13e-05
147	3	3.69e-03	6.15e-04	-1.16e-03	0.0	-7.50e-06	0.0
147	4	5.46e-03	9.24e-04	-3.17e-03	7.13e-06	-2.29e-05	1.21e-06
147	5	1.12e-03	7.06e-04	-7.22e-03	2.71e-05	-3.54e-05	2.26e-06
147	6	-3.24	0.89	-0.01	-3.66e-04	-3.49e-03	-8.59e-04

147	7	-3.87	-0.13	-0.01	1.64e-04	-4.23e-03	-9.60e-05
147	8	0.90	-2.53	7.26e-03	1.22e-03	-8.74e-04	-8.57e-04
147	9	-0.69	-3.88	5.60e-03	1.89e-03	-1.12e-03	7.20e-04
147	10	-1.73	0.49	-6.18e-03	-2.05e-04	-1.87e-03	-4.66e-04
147	11	-2.06	-0.07	-6.85e-03	8.76e-05	-2.67e-03	-5.14e-05
147	12	0.49	-1.39	3.86e-03	6.72e-04	-4.90e-04	-4.72e-04
147	13	-0.38	-2.06	3.01e-03	1.00e-03	-6.00e-04	3.97e-04
147	14	-1.30	0.37	-4.64e-03	-1.54e-04	-1.40e-03	-3.49e-04
147	15	-1.54	-0.05	-5.13e-03	6.57e-05	-1.69e-03	-3.85e-05
147	16	0.37	-1.04	2.89e-03	5.04e-04	-3.68e-04	-3.54e-04
147	17	-0.28	-1.54	2.26e-03	7.54e-04	-4.50e-04	2.98e-04
148	1	3.22e-03	6.26e-03	-0.02	2.08e-05	-1.93e-06	4.13e-06
148	2	4.81e-03	0.01	-0.05	8.09e-05	4.20e-05	9.96e-06
148	3	3.59e-03	1.04e-03	-1.61e-03	0.0	1.06e-05	0.0
148	4	5.31e-03	1.78e-03	-4.22e-03	3.66e-06	1.68e-05	1.85e-06
148	5	1.07e-03	8.45e-04	-4.74e-03	1.64e-05	2.12e-06	4.03e-06
148	6	-3.24	0.30	-7.09e-03	-4.18e-04	-4.17e-03	-7.76e-04
148	7	-3.87	-0.13	-3.13e-03	-1.98e-04	-4.88e-03	-2.34e-05
148	8	0.89	-2.86	0.01	2.36e-03	1.43e-03	-8.82e-04
148	9	-0.70	-3.47	0.01	2.75e-03	5.99e-04	7.02e-04
148	10	-1.73	0.17	-3.82e-03	-2.24e-04	-2.23e-03	-4.23e-04
148	11	-2.06	-0.07	-1.75e-03	-1.06e-04	-2.60e-03	-1.34e-05
148	12	0.49	-1.54	6.67e-03	1.27e-03	7.67e-04	-4.84e-04
148	13	-0.38	-1.85	7.29e-03	1.46e-03	3.45e-04	3.89e-04
148	14	-1.30	0.12	-2.87e-03	-1.68e-04	-1.67e-03	-3.17e-04
148	15	-1.54	-0.05	-1.33e-03	-7.91e-05	-1.95e-03	-1.00e-05
148	16	0.37	-1.16	5.01e-03	9.53e-04	5.76e-04	-3.63e-04
148	17	-0.29	-1.38	5.48e-03	1.10e-03	2.59e-04	2.92e-04
149	1	-2.40e-03	6.29e-03	-0.02	2.06e-05	1.41e-06	-3.66e-06
149	2	0.01	0.01	-0.05	7.84e-05	-2.41e-05	-6.41e-06
149	3	3.82e-03	1.26e-03	-1.48e-03	-1.75e-06	-1.15e-06	0.0
149	4	5.72e-03	2.14e-03	-4.02e-03	2.30e-06	-2.95e-06	0.0
149	5	-3.98e-04	1.15e-03	-4.74e-03	1.63e-05	-2.18e-06	-3.40e-06
149	6	-3.24	-0.43	6.18e-03	5.33e-04	-4.19e-03	-7.97e-04
149	7	-3.87	0.07	1.77e-03	2.75e-04	-4.90e-03	-3.50e-05
149	8	0.91	-3.44	0.01	2.70e-03	-8.39e-04	-8.36e-04
149	9	-0.68	-2.97	0.01	2.44e-03	-1.20e-03	7.42e-04
149	10	-1.73	-0.23	3.35e-03	2.85e-04	-2.24e-03	-4.34e-04
149	11	-2.06	0.04	1.03e-03	1.46e-04	-2.61e-03	-1.94e-05
149	12	0.49	-1.83	7.43e-03	1.44e-03	-4.70e-04	-4.62e-04
149	13	-0.37	-1.59	6.70e-03	1.31e-03	-6.40e-04	4.07e-04
149	14	-1.30	-0.18	2.52e-03	2.14e-04	-1.68e-03	-3.25e-04
149	15	-1.54	0.03	7.88e-04	1.10e-04	-1.95e-03	-1.45e-05
149	16	0.37	-1.37	5.58e-03	1.08e-03	-3.53e-04	-3.46e-04
149	17	-0.28	-1.19	5.03e-03	9.80e-04	-4.81e-04	3.05e-04
150	1	-2.12e-03	1.54e-03	-0.01	2.57e-05	1.91e-05	-1.07e-05
150	2	0.01	9.83e-03	-0.03	9.07e-05	1.09e-04	-7.05e-06
150	3	3.79e-03	1.52e-03	-8.74e-04	0.0	8.91e-06	0.0
150	4	5.66e-03	2.33e-03	-2.74e-03	6.54e-06	2.46e-05	0.0
150	5	-4.46e-04	1.51e-03	-7.21e-03	2.68e-05	3.51e-05	-1.58e-06
150	6	-3.24	-1.04	0.01	4.39e-04	-3.47e-03	-8.76e-04
150	7	-3.87	0.07	0.01	-9.75e-05	-4.22e-03	-1.27e-04
150	8	0.90	-3.92	4.77e-03	1.91e-03	1.34e-03	-8.06e-04
150	9	-0.68	-2.66	7.29e-03	1.29e-03	6.47e-04	7.50e-04
150	10	-1.73	-0.57	6.80e-03	2.42e-04	-1.86e-03	-4.75e-04
150	11	-2.06	0.04	7.56e-03	-5.22e-05	-2.55e-03	-6.76e-05
150	12	0.49	-2.08	2.61e-03	1.01e-03	7.20e-04	-4.47e-04
150	13	-0.37	-1.45	3.86e-03	7.01e-04	3.70e-04	4.10e-04
150	14	-1.30	-0.43	5.10e-03	1.82e-04	-1.39e-03	-3.56e-04
150	15	-1.54	0.03	5.67e-03	-3.92e-05	-1.68e-03	-5.06e-05
150	16	0.37	-1.56	1.95e-03	7.61e-04	5.41e-04	-3.35e-04
150	17	-0.28	-1.08	2.90e-03	5.26e-04	2.78e-04	3.08e-04
151	1	-7.85e-04	2.22e-05	-8.80e-03	4.06e-06	-1.29e-05	1.17e-05
151	2	-1.59e-05	5.52e-03	-0.03	-2.70e-05	-4.56e-05	1.66e-05
151	3	3.49e-03	5.80e-04	-1.05e-03	4.53e-06	-1.20e-05	0.0
151	4	5.09e-03	8.22e-04	-2.96e-03	4.30e-06	-1.94e-05	0.0
151	5	8.60e-04	6.36e-04	-6.23e-03	0.0	-6.26e-06	0.0
151	6	-3.02	0.97	-4.90e-03	3.99e-04	-3.20e-03	-8.12e-04
151	7	-3.86	-0.12	-3.16e-03	5.46e-04	-4.08e-03	-4.09e-05
151	8	1.20	-2.50	-0.01	1.34e-03	-1.14e-03	-9.04e-04
151	9	-0.95	-3.93	-0.02	2.27e-03	-1.28e-03	6.92e-04
151	10	-1.62	0.53	-2.79e-03	2.34e-04	-1.72e-03	-4.42e-04
151	11	-2.05	-0.07	-1.69e-03	2.91e-04	-2.17e-03	-2.23e-05
151	12	0.66	-1.37	-8.26e-03	7.45e-04	-6.36e-04	-4.95e-04
151	13	-0.52	-2.08	-0.01	1.21e-03	-6.90e-04	3.84e-04
151	14	-1.22	0.40	-2.10e-03	1.75e-04	-1.29e-03	-3.32e-04

151	15	-1.54	-0.05	-1.26e-03	2.18e-04	-1.63e-03	-1.67e-05
151	16	0.49	-1.03	-6.19e-03	5.59e-04	-4.78e-04	-3.71e-04
151	17	-0.39	-1.56	-9.92e-03	9.04e-04	-5.18e-04	2.88e-04
152	1	-9.66e-04	8.33e-03	-0.01	1.00e-06	-9.84e-06	1.50e-05
152	2	-3.13e-04	0.02	-0.04	1.46e-06	4.12e-05	2.35e-05
152	3	3.32e-03	1.18e-03	-1.25e-03	4.15e-06	1.42e-05	0.0
152	4	4.82e-03	2.01e-03	-3.22e-03	5.25e-06	2.20e-05	0.0
152	5	7.84e-04	8.17e-04	-6.24e-03	-1.47e-06	0.0	0.0
152	6	-3.02	0.23	-1.36e-03	-4.96e-04	-3.11e-03	-9.12e-04
152	7	-3.86	-0.13	-1.42e-03	-4.58e-04	-3.84e-03	-1.50e-04
152	8	1.20	-2.93	-0.01	1.61e-03	1.40e-03	-8.73e-04
152	9	-0.95	-3.44	-0.01	1.68e-03	6.79e-04	7.03e-04
152	10	-1.62	0.13	-7.69e-04	-2.64e-04	-1.67e-03	-4.93e-04
152	11	-2.05	-0.07	-7.89e-04	-2.44e-04	-2.04e-03	-8.01e-05
152	12	0.66	-1.57	-6.06e-03	8.64e-04	7.53e-04	-4.80e-04
152	13	-0.52	-1.83	-7.57e-03	8.95e-04	3.87e-04	3.89e-04
152	14	-1.21	0.10	-5.78e-04	-1.98e-04	-1.25e-03	-3.70e-04
152	15	-1.54	-0.05	-5.96e-04	-1.83e-04	-1.53e-03	-6.00e-05
152	16	0.49	-1.18	-4.55e-03	6.48e-04	5.65e-04	-3.60e-04
152	17	-0.39	-1.37	-5.68e-03	6.72e-04	2.91e-04	2.92e-04
153	1	1.55e-03	8.34e-03	-0.01	0.0	9.22e-06	-1.42e-05
153	2	0.02	0.02	-0.04	-2.42e-06	-3.22e-05	-1.96e-05
153	3	3.75e-03	1.31e-03	-1.24e-03	2.56e-06	-8.70e-06	0.0
153	4	5.67e-03	2.23e-03	-3.20e-03	2.90e-06	-1.40e-05	0.0
153	5	-3.62e-04	1.06e-03	-6.25e-03	-1.57e-06	0.0	0.0
153	6	-3.01	-0.36	1.17e-03	5.64e-04	-3.12e-03	-9.44e-04
153	7	-3.85	0.07	1.10e-03	5.05e-04	-3.85e-03	-1.95e-04
153	8	1.19	-3.40	-0.01	1.63e-03	-8.87e-04	-8.11e-04
153	9	-0.95	-3.03	-0.01	1.64e-03	-1.18e-03	7.45e-04
153	10	-1.61	-0.19	6.65e-04	3.00e-04	-1.67e-03	-5.10e-04
153	11	-2.05	0.04	6.22e-04	2.69e-04	-2.05e-03	-1.04e-04
153	12	0.65	-1.81	-7.45e-03	8.70e-04	-4.98e-04	-4.50e-04
153	13	-0.52	-1.62	-6.31e-03	8.77e-04	-6.32e-04	4.08e-04
153	14	-1.21	-0.15	5.01e-04	2.25e-04	-1.25e-03	-3.82e-04
153	15	-1.53	0.03	4.72e-04	2.01e-04	-1.53e-03	-7.82e-05
153	16	0.49	-1.36	-5.59e-03	6.52e-04	-3.74e-04	-3.38e-04
153	17	-0.39	-1.22	-4.73e-03	6.58e-04	-4.74e-04	3.06e-04
154	1	1.38e-03	6.01e-04	-8.80e-03	3.73e-06	1.22e-05	-1.10e-05
154	2	0.02	9.46e-03	-0.03	-2.92e-05	5.20e-05	-1.28e-05
154	3	3.60e-03	1.54e-03	-1.05e-03	4.24e-06	1.64e-05	0.0
154	4	5.45e-03	2.32e-03	-2.96e-03	3.79e-06	2.57e-05	0.0
154	5	-4.35e-04	1.51e-03	-6.23e-03	0.0	6.14e-06	1.16e-06
154	6	-3.01	-1.13	5.71e-03	-4.39e-04	-3.16e-03	-8.35e-04
154	7	-3.85	-0.07	2.30e-03	-4.61e-04	-4.04e-03	-6.65e-05
154	8	1.19	-3.98	-0.03	2.31e-03	1.52e-03	-8.18e-04
154	9	-0.95	-2.63	-0.02	1.42e-03	8.79e-04	7.74e-04
154	10	-1.61	-0.61	3.20e-03	-2.52e-04	-6.79e-03	-4.54e-04
154	11	-2.05	-0.04	1.23e-03	-2.46e-04	-2.15e-03	-3.57e-05
154	12	0.65	-2.11	-0.01	1.23e-03	8.20e-04	-4.54e-04
154	13	-0.52	-1.43	-8.59e-03	7.79e-04	4.95e-04	4.23e-04
154	14	-1.21	-0.46	2.40e-03	-1.89e-04	-1.27e-03	-3.40e-04
154	15	-1.53	-0.03	9.26e-04	-1.84e-04	-1.61e-03	-2.68e-05
154	16	0.49	-1.58	-0.01	9.22e-04	6.16e-04	-3.40e-04
154	17	-0.39	-1.07	-6.44e-03	5.85e-04	3.71e-04	3.17e-04
155	1	-4.67e-03	-1.00e-03	-6.08e-03	3.17e-05	3.43e-05	6.63e-06
155	2	-5.00e-03	4.65e-03	-0.02	1.72e-04	1.74e-04	0.0
155	3	3.21e-03	5.48e-04	-4.34e-04	1.43e-06	-1.90e-06	0.0
155	4	4.59e-03	7.19e-04	-1.65e-03	1.09e-05	1.08e-05	0.0
155	5	6.29e-04	6.01e-04	-3.78e-03	3.40e-05	0.0	1.89e-06
155	6	-2.83	1.05	-0.04	-8.62e-04	-2.20e-03	-7.79e-04
155	7	-3.86	-0.12	-0.04	-1.41e-04	-2.85e-03	8.57e-05
155	8	1.52	-2.47	0.03	1.90e-03	1.22e-03	-9.42e-04
155	9	-1.21	-3.99	0.03	2.94e-03	5.94e-04	7.71e-04
155	10	-1.52	0.58	-0.02	-4.69e-04	-1.18e-03	-4.27e-04
155	11	-2.05	-0.06	-0.02	-7.57e-05	-1.52e-03	4.58e-05
155	12	0.83	-1.36	0.02	1.04e-03	6.55e-04	-5.17e-04
155	13	-0.66	-2.11	0.02	1.56e-03	3.41e-04	4.26e-04
155	14	-1.14	0.43	-0.02	-3.52e-04	-8.84e-04	-3.20e-04
155	15	-1.54	-0.05	-0.02	-5.68e-05	-1.14e-03	3.43e-05
155	16	0.62	-1.02	0.01	7.82e-04	4.91e-04	-3.88e-04
155	17	-0.50	-1.59	0.01	1.17e-03	2.56e-04	3.19e-04
156	1	-4.98e-03	0.01	-8.73e-03	3.28e-05	-3.67e-05	1.31e-05
156	2	-5.66e-03	0.02	-0.02	1.58e-04	-4.75e-05	2.02e-05
156	3	3.16e-03	1.29e-03	-5.64e-04	1.87e-06	3.75e-06	1.03e-06
156	4	4.51e-03	2.24e-03	-1.52e-03	1.20e-05	3.98e-06	1.84e-06
156	5	5.47e-04	8.80e-04	-3.64e-03	2.74e-05	1.51e-06	0.0

156	6	-2.83	0.18	0.03	1.06e-04	-2.00e-03	-7.79e-04
156	7	-3.86	-0.13	0.04	1.20e-04	-2.69e-03	7.95e-05
156	8	1.52	-3.00	0.03	1.78e-03	9.25e-04	-9.71e-04
156	9	-1.21	-3.42	0.05	2.05e-03	-9.43e-04	7.43e-04
156	10	-1.52	0.10	0.01	6.08e-05	-1.08e-03	-4.27e-04
156	11	-2.05	-0.07	0.02	6.45e-05	-1.43e-03	4.26e-05
156	12	0.83	-1.61	0.02	9.55e-04	5.12e-04	-5.31e-04
156	13	-0.66	-1.82	0.03	1.09e-03	-5.12e-04	4.12e-04
156	14	-1.14	0.07	0.01	4.57e-05	-8.09e-04	-3.20e-04
156	15	-1.54	-0.05	0.02	4.84e-05	-1.07e-03	3.19e-05
156	16	0.62	-1.21	0.01	7.17e-04	3.85e-04	-3.98e-04
156	17	-0.50	-1.36	0.02	8.21e-04	-3.85e-04	3.09e-04
157	1	5.32e-03	0.01	-8.74e-03	3.32e-05	3.42e-05	-1.23e-05
157	2	0.02	0.02	-0.02	1.59e-04	4.56e-05	-1.59e-05
157	3	3.58e-03	1.34e-03	-4.84e-04	1.74e-06	-1.58e-06	0.0
157	4	5.49e-03	2.33e-03	-1.41e-03	1.18e-05	0.0	0.0
157	5	-3.74e-04	1.06e-03	-3.64e-03	2.74e-05	-1.71e-06	1.08e-06
157	6	-2.81	-0.29	-0.03	-1.50e-04	-1.71e-03	-8.21e-04
157	7	-3.83	0.07	-0.04	-1.75e-04	-2.30e-03	-2.21e-05
157	8	1.48	-3.37	0.06	2.04e-03	1.03e-03	-8.64e-04
157	9	-1.23	-3.10	0.03	1.80e-03	5.91e-04	8.21e-04
157	10	-1.51	-0.16	-0.01	-8.47e-05	-9.21e-04	-4.48e-04
157	11	-2.04	0.04	-0.02	-9.36e-05	-1.23e-03	-1.27e-05
157	12	0.81	-1.79	0.03	1.08e-03	5.60e-04	-4.79e-04
157	13	-0.68	-1.66	0.02	9.65e-04	3.33e-04	4.48e-04
157	14	-1.13	-0.12	-0.01	-6.36e-05	-6.91e-04	-3.36e-04
157	15	-1.53	0.03	-0.02	-7.02e-05	-9.19e-04	-9.54e-06
157	16	0.61	-1.35	0.02	8.14e-04	4.20e-04	-3.60e-04
157	17	-0.51	-1.24	0.01	7.24e-04	2.50e-04	3.36e-04
158	1	5.02e-03	-3.56e-04	-6.09e-03	3.15e-05	-3.45e-05	-5.98e-06
158	2	0.02	8.87e-03	-0.02	1.69e-04	-1.70e-04	3.29e-06
158	3	3.54e-03	1.57e-03	-4.76e-04	0.0	4.46e-06	0.0
158	4	5.41e-03	2.30e-03	-1.71e-03	9.77e-06	-7.12e-06	0.0
158	5	-4.52e-04	1.54e-03	-3.79e-03	3.39e-05	0.0	-1.18e-06
158	6	-2.81	-1.21	0.04	9.95e-04	-2.22e-03	-7.97e-04
158	7	-3.83	-0.08	0.04	2.42e-04	-2.88e-03	5.86e-05
158	8	1.48	-4.05	0.03	2.96e-03	-7.65e-04	-8.97e-04
158	9	-1.23	-2.60	0.03	1.99e-03	-1.04e-03	8.07e-04
158	10	-1.51	-0.66	0.02	5.38e-04	-1.19e-03	-4.36e-04
158	11	-2.04	-0.04	0.02	1.29e-04	-1.53e-03	3.15e-05
158	12	0.81	-2.15	0.02	1.57e-03	-4.32e-04	-4.96e-04
158	13	-0.68	-1.42	0.02	1.08e-03	-5.59e-04	4.42e-04
158	14	-1.13	-0.49	0.02	4.04e-04	-8.92e-04	-3.27e-04
158	15	-1.53	-0.03	0.02	9.70e-05	-1.15e-03	2.36e-05
158	16	0.61	-1.61	0.01	1.18e-03	-3.24e-04	-3.72e-04
158	17	-0.51	-1.06	0.01	8.14e-04	-4.20e-04	3.32e-04
159	1	-6.05e-03	2.60e-03	-5.27e-03	3.28e-05	-5.47e-06	1.03e-05
159	2	-6.88e-03	0.01	-7.24e-03	9.16e-05	-9.96e-05	1.83e-05
159	3	3.13e-03	7.25e-04	-1.06e-03	-9.18e-06	1.88e-06	0.0
159	4	4.44e-03	1.13e-03	-1.92e-03	-4.78e-06	-4.31e-06	1.36e-06
159	5	5.27e-04	7.49e-04	-2.08e-03	-7.31e-06	0.0	0.0
159	6	-2.78	0.75	-0.01	-1.46e-03	-2.00e-03	-7.94e-04
159	7	-3.86	-0.12	-9.99e-03	-3.41e-04	-2.63e-03	-3.08e-05
159	8	1.63	-2.61	0.01	4.64e-03	1.39e-03	-8.80e-04
159	9	-1.29	-3.78	0.01	6.39e-03	5.63e-04	7.01e-04
159	10	-1.50	0.41	-5.65e-03	-7.91e-04	-1.08e-03	-4.33e-04
159	11	-2.05	-0.06	-5.32e-03	-1.82e-04	-1.40e-03	-1.70e-05
159	12	0.89	-1.43	6.91e-03	2.52e-03	7.45e-04	-4.83e-04
159	13	-0.71	-2.01	6.95e-03	3.39e-03	3.30e-04	3.87e-04
159	14	-1.12	0.31	-4.24e-03	-5.93e-04	-8.07e-04	-3.24e-04
159	15	-1.54	-0.05	-3.98e-03	-1.37e-04	-1.05e-03	-1.27e-05
159	16	0.67	-1.07	5.19e-03	1.89e-03	5.59e-04	-3.62e-04
159	17	-0.53	-1.50	5.21e-03	2.55e-03	2.48e-04	2.91e-04
160	1	-6.29e-03	6.20e-03	-5.73e-03	3.19e-05	2.32e-06	9.73e-06
160	2	-7.69e-03	0.02	-4.81e-03	3.04e-05	3.44e-05	1.78e-05
160	3	3.11e-03	9.57e-04	-1.09e-03	-9.83e-06	0.0	0.0
160	4	4.40e-03	1.64e-03	-1.64e-03	-1.14e-05	1.37e-06	1.38e-06
160	5	5.13e-04	8.34e-04	-2.05e-03	-8.34e-06	0.0	0.0
160	6	-2.78	0.45	2.49e-03	6.75e-04	-1.94e-03	-7.96e-04
160	7	-3.86	-0.13	4.63e-03	9.47e-04	-2.74e-03	-3.83e-05
160	8	1.63	-2.79	0.01	4.56e-03	-9.20e-04	-8.80e-04
160	9	-1.29	-3.59	0.02	6.29e-03	-1.42e-03	6.86e-04
160	10	-1.50	0.25	1.43e-03	3.95e-04	-1.05e-03	-4.34e-04
160	11	-2.06	-0.07	2.46e-03	5.06e-04	-1.46e-03	-2.09e-05
160	12	0.89	-1.51	6.59e-03	2.48e-03	-5.26e-04	-4.82e-04
160	13	-0.71	-1.91	9.01e-03	3.34e-03	-7.59e-04	3.80e-04

160	14	-1.12	0.18	1.07e-03	2.97e-04	-7.87e-04	-3.25e-04
160	15	-1.54	-0.05	1.84e-03	3.79e-04	-1.09e-03	-1.56e-05
160	16	0.67	-1.13	4.94e-03	1.86e-03	-3.95e-04	-3.62e-04
160	17	-0.53	-1.43	6.76e-03	2.51e-03	-5.70e-04	2.85e-04
161	1	6.57e-03	6.39e-03	-5.61e-03	2.32e-05	1.89e-06	-8.92e-06
161	2	0.02	0.02	-4.62e-03	8.69e-06	-1.65e-05	-1.42e-05
161	3	3.55e-03	1.32e-03	-1.08e-03	-1.13e-05	2.54e-06	0.0
161	4	5.46e-03	2.22e-03	-1.63e-03	-1.42e-05	3.01e-06	0.0
161	5	-4.19e-04	1.26e-03	-2.05e-03	-9.48e-06	0.0	0.0
161	6	-2.75	-0.59	-2.32e-03	9.63e-04	-2.94e-03	-7.77e-04
161	7	-3.84	0.07	-4.12e-03	-2.05e-04	-4.10e-03	-4.66e-05
161	8	1.57	-3.57	0.02	6.34e-03	1.95e-03	-7.77e-04
161	9	-1.33	-2.90	0.01	5.10e-03	-1.21e-03	7.35e-04
161	10	-1.48	-0.32	-1.34e-03	5.30e-04	-1.58e-03	-4.23e-04
161	11	-2.04	0.04	-2.19e-03	-1.11e-04	-2.18e-03	-2.52e-05
161	12	0.86	-1.90	8.41e-03	3.37e-03	1.06e-03	-4.31e-04
161	13	-0.73	-1.56	6.32e-03	2.75e-03	-6.77e-04	4.02e-04
161	14	-1.11	-0.24	-1.00e-03	3.97e-04	-1.19e-03	-3.17e-04
161	15	-1.53	0.03	-1.64e-03	-8.35e-05	-1.63e-03	-1.89e-05
161	16	0.65	-1.42	6.31e-03	2.53e-03	7.95e-04	-3.23e-04
161	17	-0.55	-1.17	4.75e-03	2.06e-03	-5.08e-04	3.01e-04
162	1	6.33e-03	3.01e-03	-5.31e-03	3.10e-05	5.23e-06	-9.73e-06
162	2	0.02	0.01	-7.37e-03	8.51e-05	1.02e-04	-1.50e-05
162	3	3.53e-03	1.44e-03	-1.08e-03	-1.20e-05	0.0	0.0
162	4	5.43e-03	2.24e-03	-1.95e-03	-8.80e-06	7.51e-06	0.0
162	5	-4.32e-04	1.43e-03	-2.08e-03	-7.46e-06	0.0	0.0
162	6	-2.75	-0.90	0.02	1.91e-03	-1.85e-03	-8.19e-04
162	7	-3.84	-0.07	0.02	8.53e-04	-2.42e-03	-5.54e-05
162	8	1.58	-3.80	0.01	6.24e-03	-5.91e-04	-8.24e-04
162	9	-1.33	-2.74	0.02	4.89e-03	-1.14e-03	7.62e-04
162	10	-1.48	-0.49	8.55e-03	1.03e-03	-9.94e-04	-4.46e-04
162	11	-2.04	-0.04	9.07e-03	4.55e-04	-1.29e-03	-2.99e-05
162	12	0.87	-2.02	6.33e-03	3.32e-03	-3.44e-04	-4.56e-04
162	13	-0.73	-1.48	8.14e-03	2.64e-03	-6.08e-04	4.17e-04
162	14	-1.11	-0.37	6.41e-03	7.71e-04	-7.45e-04	-3.34e-04
162	15	-1.53	-0.03	6.79e-03	3.41e-04	-9.63e-04	-2.24e-05
162	16	0.65	-1.51	4.75e-03	2.49e-03	-2.58e-04	-3.42e-04
162	17	-0.55	-1.11	6.11e-03	1.98e-03	-4.56e-04	3.13e-04
163	1	-2.27e-03	7.43e-03	-0.01	2.16e-06	-1.26e-05	1.83e-05
163	2	2.05e-03	0.02	-0.04	4.67e-05	1.48e-05	3.70e-05
163	3	3.78e-03	1.00e-03	-1.25e-03	1.09e-06	0.0	0.0
163	4	5.57e-03	1.66e-03	-3.22e-03	2.37e-06	0.0	0.0
163	5	5.26e-04	2.58e-04	-6.23e-03	3.65e-06	-1.52e-06	0.0
163	6	-3.15	0.25	-1.83e-03	-8.52e-05	-3.70e-04	-1.11e-03
163	7	-4.01	-0.12	-2.02e-03	-4.67e-05	-4.01e-04	-3.50e-04
163	8	1.26	-3.00	-0.01	2.11e-04	1.41e-04	-8.57e-04
163	9	-0.98	-3.52	-0.02	2.16e-04	-1.53e-04	7.26e-04
163	10	-1.69	0.14	-1.02e-03	-4.55e-05	-1.99e-04	-5.96e-04
163	11	-2.13	-0.06	-1.11e-03	-2.50e-05	-2.14e-04	-1.87e-04
163	12	0.68	-1.61	-7.04e-03	1.13e-04	7.81e-05	-4.73e-04
163	13	-0.54	-1.87	-8.86e-03	1.15e-04	-8.24e-05	4.01e-04
163	14	-1.27	0.10	-7.69e-04	-3.41e-05	-1.49e-04	-4.47e-04
163	15	-1.60	-0.05	-8.33e-04	-1.88e-05	-1.60e-04	-1.40e-04
163	16	0.51	-1.21	-5.28e-03	8.51e-05	5.86e-05	-3.55e-04
163	17	-0.40	-1.40	-6.65e-03	8.64e-05	-6.20e-05	3.01e-04
164	1	2.83e-03	7.53e-03	-0.01	1.83e-06	1.26e-05	-1.74e-05
164	2	0.01	0.02	-0.04	4.60e-05	-1.32e-05	-3.30e-05
164	3	3.51e-03	1.20e-03	-1.23e-03	1.03e-06	0.0	0.0
164	4	5.24e-03	1.98e-03	-3.20e-03	2.26e-06	0.0	1.23e-06
164	5	-1.12e-04	5.13e-04	-6.23e-03	3.59e-06	1.50e-06	1.60e-06
164	6	-3.14	-0.38	1.53e-03	9.86e-05	-3.98e-04	-1.16e-03
164	7	-4.00	0.07	1.61e-03	5.95e-05	-4.43e-04	-4.25e-04
164	8	1.23	-3.48	-0.02	2.09e-04	1.92e-04	-8.28e-04
164	9	-1.00	-3.11	-0.01	2.18e-04	-1.37e-04	7.11e-04
164	10	-1.68	-0.21	8.65e-04	5.26e-05	-2.14e-04	-6.24e-04
164	11	-2.13	0.04	8.92e-04	3.19e-05	-2.36e-04	-2.27e-04
164	12	0.67	-1.85	-8.74e-03	1.11e-04	1.04e-04	-4.59e-04
164	13	-0.55	-1.66	-7.33e-03	1.17e-04	-7.58e-05	3.92e-04
164	14	-1.26	-0.15	6.51e-04	3.95e-05	-1.61e-04	-4.68e-04
164	15	-1.59	0.03	6.73e-04	2.39e-05	-1.77e-04	-1.70e-04
164	16	0.50	-1.39	-6.56e-03	8.35e-05	7.79e-05	-3.44e-04
164	17	-0.41	-1.25	-5.50e-03	8.75e-05	-5.70e-05	2.94e-04
165	1	2.98e-04	3.69e-03	-0.02	3.09e-05	-3.58e-05	2.26e-05
165	2	8.45e-03	8.32e-03	-0.06	1.12e-04	-1.42e-06	2.50e-05
165	3	3.73e-03	9.90e-04	-1.39e-03	0.0	0.0	0.0
165	4	5.51e-03	1.69e-03	-3.40e-03	1.88e-06	1.23e-06	0.0

165	5	3.29e-04	3.82e-04	-5.88e-03	-5.41e-06	1.64e-06	0.0
165	6	-3.34	0.29	-0.02	1.25e-04	6.66e-05	-1.22e-03
165	7	-4.12	-0.11	-0.02	1.29e-04	1.15e-04	-4.61e-04
165	8	1.14	-3.01	-0.02	-8.50e-05	-3.18e-05	-8.60e-04
165	9	-0.88	-3.57	-0.03	-8.14e-05	-3.61e-05	7.55e-04
165	10	-1.79	0.16	-8.58e-03	6.66e-05	3.55e-05	-6.53e-04
165	11	-2.19	-0.06	-9.76e-03	6.91e-05	6.12e-05	-2.46e-04
165	12	0.62	-1.62	-8.61e-03	-4.61e-05	-1.85e-05	-4.76e-04
165	13	-0.48	-1.90	-0.01	-4.36e-05	-2.05e-05	4.16e-04
165	14	-1.34	0.12	-6.44e-03	4.99e-05	2.67e-05	-4.90e-04
165	15	-1.64	-0.04	-7.32e-03	5.18e-05	4.58e-05	-1.84e-04
165	16	0.47	-1.21	-6.46e-03	-3.46e-05	-1.42e-05	-3.57e-04
165	17	-0.36	-1.42	-0.01	-3.28e-05	-1.56e-05	3.12e-04
166	1	3.98e-04	3.87e-03	-0.02	3.10e-05	3.58e-05	-2.19e-05
166	2	7.69e-03	9.58e-03	-0.06	1.12e-04	1.21e-06	-2.17e-05
166	3	3.74e-03	1.26e-03	-1.37e-03	0.0	0.0	1.06e-06
166	4	5.57e-03	2.11e-03	-3.37e-03	1.81e-06	-1.76e-06	2.28e-06
166	5	1.90e-04	6.74e-04	-5.88e-03	-5.43e-06	-1.64e-06	1.37e-06
166	6	-3.34	-0.43	0.01	-1.12e-04	5.95e-05	-1.24e-03
166	7	-4.12	0.08	0.02	-1.11e-04	1.00e-04	-4.91e-04
166	8	1.12	-3.52	-0.03	-8.15e-05	3.42e-05	-8.68e-04
166	9	-0.90	-3.11	-0.02	-8.00e-05	2.80e-05	7.26e-04
166	10	-1.79	-0.23	7.55e-03	-5.99e-05	3.17e-05	-6.67e-04
166	11	-2.19	0.04	8.81e-03	-5.94e-05	5.32e-05	-2.62e-04
166	12	0.61	-1.87	-0.01	-4.35e-05	1.88e-05	-4.80e-04
166	13	-0.49	-1.67	-9.23e-03	-4.35e-05	1.67e-05	4.01e-04
166	14	-1.34	-0.17	5.67e-03	-4.50e-05	2.38e-05	-5.00e-04
166	15	-1.64	0.03	6.61e-03	-4.45e-05	3.98e-05	-1.96e-04
166	16	0.46	-1.41	-0.01	-3.27e-05	1.42e-05	-3.60e-04
166	17	-0.37	-1.25	-6.93e-03	-3.27e-05	1.29e-05	3.01e-04
167	1	-2.67e-03	-1.90e-03	-9.75e-03	7.88e-06	-1.35e-05	1.45e-05
167	2	-9.12e-04	1.49e-04	-0.03	1.63e-05	-1.64e-05	2.67e-05
167	3	3.51e-03	4.19e-04	-1.04e-03	0.0	4.19e-06	0.0
167	4	5.13e-03	3.07e-04	-2.96e-03	-1.72e-06	6.79e-06	-2.84e-06
167	5	2.34e-04	-4.94e-04	-6.24e-03	0.0	-7.37e-06	-4.49e-06
167	6	-3.11	0.99	6.70e-03	-9.70e-05	5.38e-04	-9.02e-04
167	7	-3.95	-0.12	-2.42e-03	-1.49e-04	7.76e-04	-1.00e-04
167	8	1.24	-2.54	-0.02	-3.36e-04	2.01e-04	-1.02e-03
167	9	-0.96	-3.98	-0.03	-5.64e-04	3.92e-04	6.73e-04
167	10	-1.67	0.54	3.76e-03	-5.68e-05	2.89e-04	-4.90e-04
167	11	-2.10	-0.06	-1.30e-03	-7.92e-05	4.13e-04	-5.37e-05
167	12	0.68	-1.40	-0.01	-1.86e-04	1.18e-04	-5.53e-04
167	13	-0.53	-2.11	-0.02	-2.99e-04	2.09e-04	3.78e-04
167	14	-1.25	0.41	2.82e-03	-4.26e-05	2.17e-04	-3.67e-04
167	15	-1.57	-0.05	-9.74e-04	-5.93e-05	3.09e-04	-4.02e-05
167	16	0.51	-1.05	-7.79e-03	-1.40e-04	8.85e-05	-4.15e-04
167	17	-0.40	-1.58	-0.01	-2.24e-04	1.57e-04	2.83e-04
168	1	-2.52e-03	6.42e-03	5.05e-03	0.0	0.0	0.0
168	2	3.41e-04	-9.94e-03	-0.06	0.0	0.0	0.0
168	3	3.50e-03	1.10e-03	1.10e-04	0.0	0.0	0.0
168	4	5.14e-03	7.71e-04	-2.74e-03	0.0	0.0	0.0
168	5	2.98e-04	7.29e-05	-4.26e-03	0.0	0.0	0.0
168	6	-3.12	1.00	0.92	0.0	0.0	0.0
168	7	-3.96	0.31	1.03	0.0	0.0	0.0
168	8	1.24	-2.69	-0.37	0.0	0.0	0.0
168	9	-0.97	-3.69	0.33	0.0	0.0	0.0
168	10	-1.67	0.54	0.49	0.0	0.0	0.0
168	11	-2.11	0.16	0.55	0.0	0.0	0.0
168	12	0.68	-1.46	-0.20	0.0	0.0	0.0
168	13	-0.53	-1.96	0.18	0.0	0.0	0.0
168	14	-1.25	0.40	0.37	0.0	0.0	0.0
168	15	-1.58	0.12	0.41	0.0	0.0	0.0
168	16	0.51	-1.10	-0.15	0.0	0.0	0.0
168	17	-0.40	-1.47	0.13	0.0	0.0	0.0
169	1	-2.26e-03	-5.26e-03	-0.04	0.0	0.0	0.0
169	2	1.12e-03	-0.01	-0.08	0.0	0.0	0.0
169	3	3.55e-03	2.03e-03	1.91e-03	0.0	0.0	0.0
169	4	5.22e-03	2.39e-03	3.54e-04	0.0	0.0	0.0
169	5	3.03e-04	-2.76e-03	-0.01	0.0	0.0	0.0
169	6	-3.12	-0.36	-0.93	0.0	0.0	0.0
169	7	-3.97	-0.47	-0.99	0.0	0.0	0.0
169	8	1.24	-2.60	0.61	0.0	0.0	0.0
169	9	-0.97	-3.54	0.24	0.0	0.0	0.0
169	10	-1.67	-0.21	-0.50	0.0	0.0	0.0
169	11	-2.11	-0.25	-0.53	0.0	0.0	0.0
169	12	0.68	-1.41	0.32	0.0	0.0	0.0

169	13	-0.53	-1.88	0.14	0.0	0.0	0.0
169	14	-1.25	-0.16	-0.37	0.0	0.0	0.0
169	15	-1.58	-0.19	-0.40	0.0	0.0	0.0
169	16	0.51	-1.06	0.24	0.0	0.0	0.0
169	17	-0.40	-1.41	0.10	0.0	0.0	0.0
170	1	-1.48e-03	0.01	-0.01	1.03e-05	2.18e-05	-1.05e-05
170	2	3.69e-03	0.02	-0.04	1.18e-04	-7.11e-06	2.21e-05
170	3	3.55e-03	9.89e-04	-1.24e-03	0.0	-3.08e-06	0.0
170	4	5.29e-03	1.43e-03	-3.21e-03	2.21e-06	-3.39e-06	1.93e-06
170	5	3.83e-04	-2.53e-04	-6.21e-03	0.0	1.36e-06	0.0
170	6	-3.12	0.25	-2.28e-03	5.06e-05	5.56e-04	-1.06e-03
170	7	-3.97	-0.11	-2.68e-03	5.22e-05	7.34e-04	-2.58e-04
170	8	1.24	-2.99	-0.01	-3.16e-04	-2.70e-04	-9.03e-04
170	9	-0.98	-3.51	-0.02	-3.44e-04	-1.23e-04	7.78e-04
170	10	-1.67	0.14	-1.27e-03	2.70e-05	2.97e-04	-5.73e-04
170	11	-2.11	-0.06	-1.46e-03	2.78e-05	3.91e-04	-1.38e-04
170	12	0.68	-1.61	-8.03e-03	-1.69e-04	-1.45e-04	-4.98e-04
170	13	-0.54	-1.87	-0.01	-1.84e-04	-7.20e-05	4.29e-04
170	14	-1.25	0.10	-9.54e-04	2.02e-05	2.23e-04	-4.30e-04
170	15	-1.58	-0.05	-1.10e-03	2.09e-05	2.93e-04	-1.03e-04
170	16	0.51	-1.21	-6.03e-03	-1.27e-04	-1.09e-04	-3.74e-04
170	17	-0.40	-1.40	-7.60e-03	-1.38e-04	-5.42e-05	3.22e-04
171	1	2.08e-03	0.01	-0.01	1.05e-05	-2.17e-05	1.15e-05
171	2	0.01	0.02	-0.04	1.19e-04	7.03e-06	-1.76e-05
171	3	3.71e-03	1.13e-03	-1.23e-03	0.0	2.61e-06	0.0
171	4	5.51e-03	1.66e-03	-3.19e-03	2.63e-06	2.76e-06	0.0
171	5	3.52e-05	-1.51e-06	-6.21e-03	0.0	-1.30e-06	0.0
171	6	-3.11	-0.38	1.87e-03	-6.51e-05	5.33e-04	-1.12e-03
171	7	-3.97	0.07	2.16e-03	-6.26e-05	7.03e-04	-3.47e-04
171	8	1.23	-3.46	-0.02	-3.36e-04	1.21e-04	-8.84e-04
171	9	-0.99	-3.10	-0.02	-3.23e-04	2.18e-04	7.44e-04
171	10	-1.67	-0.21	1.05e-03	-3.47e-05	2.85e-04	-6.03e-04
171	11	-2.11	0.04	1.18e-03	-3.33e-05	3.74e-04	-1.85e-04
171	12	0.67	-1.84	-1.00e-02	-1.80e-04	7.05e-05	-4.88e-04
171	13	-0.54	-1.66	-8.37e-03	-1.73e-04	1.17e-04	4.10e-04
171	14	-1.25	-0.16	7.94e-04	-2.60e-05	2.13e-04	-4.52e-04
171	15	-1.58	0.03	8.90e-04	-2.50e-05	2.80e-04	-1.39e-04
171	16	0.50	-1.38	-7.50e-03	-1.35e-04	5.29e-05	-3.66e-04
171	17	-0.41	-1.24	-6.28e-03	-1.30e-04	8.79e-05	3.08e-04
172	1	2.88e-03	-5.54e-03	-0.04	0.0	0.0	0.0
172	2	0.01	-0.01	-0.09	0.0	0.0	0.0
172	3	3.70e-03	1.76e-03	1.97e-04	0.0	0.0	0.0
172	4	5.55e-03	2.03e-03	-2.20e-03	0.0	0.0	0.0
172	5	1.20e-04	-2.40e-03	-0.01	0.0	0.0	0.0
172	6	-3.11	0.43	0.99	0.0	0.0	0.0
172	7	-3.96	0.40	1.08	0.0	0.0	0.0
172	8	1.22	-3.55	0.25	0.0	0.0	0.0
172	9	-0.99	-2.72	0.60	0.0	0.0	0.0
172	10	-1.67	0.24	0.53	0.0	0.0	0.0
172	11	-2.11	0.21	0.58	0.0	0.0	0.0
172	12	0.67	-1.88	0.14	0.0	0.0	0.0
172	13	-0.54	-1.46	0.32	0.0	0.0	0.0
172	14	-1.25	0.18	0.40	0.0	0.0	0.0
172	15	-1.58	0.16	0.43	0.0	0.0	0.0
172	16	0.50	-1.41	0.11	0.0	0.0	0.0
172	17	-0.41	-1.10	0.24	0.0	0.0	0.0
173	1	3.13e-03	7.03e-03	5.60e-03	0.0	0.0	0.0
173	2	0.02	-4.87e-03	-0.06	0.0	0.0	0.0
173	3	3.73e-03	2.63e-03	2.33e-03	0.0	0.0	0.0
173	4	5.60e-03	3.08e-03	5.25e-04	0.0	0.0	0.0
173	5	1.24e-04	7.53e-04	-4.28e-03	0.0	0.0	0.0
173	6	-3.11	-1.18	-0.98	0.0	0.0	0.0
173	7	-3.96	-0.45	-1.12	0.0	0.0	0.0
173	8	1.21	-3.68	0.42	0.0	0.0	0.0
173	9	-0.99	-2.82	-0.34	0.0	0.0	0.0
173	10	-1.67	-0.63	-0.53	0.0	0.0	0.0
173	11	-2.10	-0.24	-0.60	0.0	0.0	0.0
173	12	0.66	-1.95	0.23	0.0	0.0	0.0
173	13	-0.54	-1.52	-0.19	0.0	0.0	0.0
173	14	-1.25	-0.47	-0.39	0.0	0.0	0.0
173	15	-1.58	-0.18	-0.45	0.0	0.0	0.0
173	16	0.50	-1.47	0.17	0.0	0.0	0.0
173	17	-0.41	-1.14	-0.14	0.0	0.0	0.0
174	1	3.26e-03	-1.31e-03	-9.75e-03	7.92e-06	1.38e-05	-1.36e-05
174	2	0.02	3.92e-03	-0.03	1.68e-05	1.70e-05	-2.36e-05
174	3	3.68e-03	1.29e-03	-1.03e-03	0.0	-4.51e-06	0.0

174	4	5.55e-03	1.67e-03	-2.95e-03	-1.60e-06	-7.21e-06	4.03e-06
174	5	1.88e-04	3.92e-04	-6.23e-03	0.0	7.39e-06	5.27e-06
174	6	-3.10	-1.15	-7.83e-03	1.05e-04	5.20e-04	-9.23e-04
174	7	-3.94	-0.08	1.43e-03	1.19e-04	7.42e-04	-1.26e-04
174	8	1.21	-4.03	-0.03	-5.73e-04	-4.24e-04	-8.01e-04
174	9	-0.99	-2.66	-0.02	-3.58e-04	-1.77e-04	8.87e-04
174	10	-1.66	-0.62	-4.33e-03	6.06e-05	2.79e-04	-5.00e-04
174	11	-2.10	-0.04	7.86e-04	6.35e-05	3.95e-04	-6.75e-05
174	12	0.66	-2.14	-0.02	-3.04e-04	-2.26e-04	-4.49e-04
174	13	-0.54	-1.45	-0.01	-1.96e-04	-1.03e-04	4.81e-04
174	14	-1.24	-0.47	-3.25e-03	4.55e-05	2.09e-04	-3.75e-04
174	15	-1.57	-0.03	5.93e-04	4.76e-05	2.96e-04	-5.05e-05
174	16	0.49	-1.60	-0.01	-2.28e-04	-1.70e-04	-3.37e-04
174	17	-0.41	-1.09	-8.10e-03	-1.47e-04	-7.72e-05	3.61e-04
175	1	-6.07e-05	0.01	-0.03	7.95e-05	-3.56e-05	-3.11e-05
175	2	7.41e-03	0.04	-0.12	3.73e-04	-1.70e-04	-9.99e-05
175	3	4.35e-03	6.83e-04	-1.09e-03	-1.43e-06	1.38e-06	0.0
175	4	6.44e-03	1.87e-03	-4.43e-03	6.71e-06	0.0	1.60e-06
175	5	4.56e-04	3.23e-03	-0.01	1.86e-05	-2.49e-05	-2.64e-06
175	6	-4.35	0.91	0.05	-2.90e-04	-1.33e-04	-8.38e-04
175	7	-3.85	-0.23	0.08	-4.39e-04	4.54e-05	1.30e-04
175	8	-0.74	-2.60	0.14	-7.30e-04	2.00e-04	-1.05e-03
175	9	0.58	-4.07	0.21	-1.03e-03	3.80e-04	8.40e-04
175	10	-2.31	0.50	0.03	-1.59e-04	-7.39e-05	-4.61e-04
175	11	-2.05	-0.12	0.04	-2.34e-04	2.60e-05	6.95e-05
175	12	-0.41	-1.43	0.08	-3.98e-04	1.14e-04	-5.76e-04
175	13	0.32	-2.16	0.11	-5.47e-04	2.02e-04	4.64e-04
175	14	-1.73	0.38	0.02	-1.19e-04	-5.55e-05	-3.45e-04
175	15	-1.53	-0.09	0.03	-1.76e-04	1.97e-05	5.21e-05
175	16	-0.31	-1.07	0.06	-2.98e-04	8.59e-05	-4.32e-04
175	17	0.24	-1.62	0.08	-4.11e-04	1.52e-04	3.48e-04
176	1	2.01e-03	0.01	-0.03	7.97e-05	3.65e-05	3.05e-05
176	2	0.01	0.04	-0.12	3.70e-04	1.72e-04	9.93e-05
176	3	4.07e-03	1.47e-03	-1.01e-03	-2.61e-06	0.0	0.0
176	4	6.17e-03	3.07e-03	-4.34e-03	4.94e-06	3.27e-06	0.0
176	5	1.31e-03	4.00e-03	-0.01	1.84e-05	2.62e-05	3.62e-06
176	6	-4.36	-1.06	-0.04	2.55e-04	-1.72e-04	-8.75e-04
176	7	-3.86	0.12	-0.07	4.02e-04	-3.68e-05	1.00e-04
176	8	-0.72	-4.13	0.21	-1.05e-03	-4.06e-04	-1.01e-03
176	9	0.62	-2.74	0.15	-7.87e-04	-2.12e-04	8.96e-04
176	10	-2.32	-0.58	-0.02	1.41e-04	-9.40e-05	-4.80e-04
176	11	-2.05	0.07	-0.04	2.15e-04	-2.24e-05	5.38e-05
176	12	-0.40	-2.19	0.11	-5.59e-04	-2.17e-04	-5.60e-04
176	13	0.34	-1.49	0.08	-4.26e-04	-1.20e-04	4.92e-04
176	14	-1.74	-0.44	-0.02	1.06e-04	-7.05e-05	-3.60e-04
176	15	-1.54	0.05	-0.03	1.61e-04	-1.72e-05	4.03e-05
176	16	-0.30	-1.64	0.08	-4.19e-04	-1.63e-04	-4.20e-04
176	17	0.25	-1.12	0.06	-3.20e-04	-9.01e-05	3.69e-04
177	1	-4.59e-04	3.67e-03	-0.01	0.0	0.0	0.0
177	2	6.91e-03	0.03	-0.10	0.0	0.0	0.0
177	3	4.29e-03	-9.08e-05	9.41e-04	0.0	0.0	0.0
177	4	6.37e-03	1.21e-03	-2.70e-03	0.0	0.0	0.0
177	5	6.28e-04	4.69e-03	-0.01	0.0	0.0	0.0
177	6	-4.37	-0.50	0.91	0.0	0.0	0.0
177	7	-3.88	-0.54	0.94	0.0	0.0	0.0
177	8	-0.75	-2.67	0.22	0.0	0.0	0.0
177	9	0.60	-3.79	-0.14	0.0	0.0	0.0
177	10	-2.33	-0.29	0.49	0.0	0.0	0.0
177	11	-2.06	-0.29	0.50	0.0	0.0	0.0
177	12	-0.41	-1.45	0.12	0.0	0.0	0.0
177	13	0.33	-2.01	-0.08	0.0	0.0	0.0
177	14	-1.74	-0.22	0.36	0.0	0.0	0.0
177	15	-1.54	-0.21	0.38	0.0	0.0	0.0
177	16	-0.31	-1.09	0.09	0.0	0.0	0.0
177	17	0.25	-1.51	-0.06	0.0	0.0	0.0
178	1	2.33e-03	4.94e-03	-0.02	0.0	0.0	0.0
178	2	0.01	0.04	-0.10	0.0	0.0	0.0
178	3	4.28e-03	-9.78e-04	4.28e-03	0.0	0.0	0.0
178	4	6.46e-03	3.71e-05	1.92e-03	0.0	0.0	0.0
178	5	1.16e-03	5.32e-03	-0.01	0.0	0.0	0.0
178	6	-4.38	-0.64	-0.82	0.0	0.0	0.0
178	7	-3.88	0.39	-0.85	0.0	0.0	0.0
178	8	-0.73	-3.84	-0.14	0.0	0.0	0.0
178	9	0.62	-2.82	0.23	0.0	0.0	0.0
178	10	-2.33	-0.36	-0.44	0.0	0.0	0.0
178	11	-2.07	0.21	-0.45	0.0	0.0	0.0

178	12	-0.40	-2.04	-0.08	0.0	0.0	0.0
178	13	0.34	-1.53	0.12	0.0	0.0	0.0
178	14	-1.75	-0.27	-0.33	0.0	0.0	0.0
178	15	-1.55	0.15	-0.34	0.0	0.0	0.0
178	16	-0.30	-1.53	-0.06	0.0	0.0	0.0
178	17	0.26	-1.14	0.09	0.0	0.0	0.0
179	1	-1.41e-04	0.01	-0.04	0.0	0.0	0.0
179	2	7.23e-03	0.05	-0.15	0.0	0.0	0.0
179	3	4.32e-03	-1.45e-04	1.31e-03	0.0	0.0	0.0
179	4	6.41e-03	1.95e-03	-4.93e-03	0.0	0.0	0.0
179	5	6.33e-04	6.91e-03	-0.02	0.0	0.0	0.0
179	6	-4.38	0.66	-0.55	0.0	0.0	0.0
179	7	-3.88	0.16	-0.65	0.0	0.0	0.0
179	8	-0.75	-2.66	-0.35	0.0	0.0	0.0
179	9	0.60	-3.56	-0.25	0.0	0.0	0.0
179	10	-2.33	0.36	-0.29	0.0	0.0	0.0
179	11	-2.06	0.08	-0.35	0.0	0.0	0.0
179	12	-0.41	-1.44	-0.18	0.0	0.0	0.0
179	13	0.33	-1.89	-0.13	0.0	0.0	0.0
179	14	-1.75	0.27	-0.22	0.0	0.0	0.0
179	15	-1.55	0.06	-0.26	0.0	0.0	0.0
179	16	-0.31	-1.08	-0.14	0.0	0.0	0.0
179	17	0.25	-1.42	-0.10	0.0	0.0	0.0
180	1	2.14e-03	0.01	-0.05	0.0	0.0	0.0
180	2	0.02	0.05	-0.15	0.0	0.0	0.0
180	3	4.25e-03	-9.42e-04	3.87e-03	0.0	0.0	0.0
180	4	6.44e-03	8.46e-04	-1.32e-03	0.0	0.0	0.0
180	5	1.16e-03	7.71e-03	-0.02	0.0	0.0	0.0
180	6	-4.38	-0.79	0.50	0.0	0.0	0.0
180	7	-3.89	-0.24	0.61	0.0	0.0	0.0
180	8	-0.73	-3.52	-0.33	0.0	0.0	0.0
180	9	0.62	-2.75	-0.42	0.0	0.0	0.0
180	10	-2.33	-0.43	0.26	0.0	0.0	0.0
180	11	-2.07	-0.13	0.32	0.0	0.0	0.0
180	12	-0.41	-1.87	-0.18	0.0	0.0	0.0
180	13	0.34	-1.48	-0.23	0.0	0.0	0.0
180	14	-1.75	-0.32	0.20	0.0	0.0	0.0
180	15	-1.55	-0.10	0.24	0.0	0.0	0.0
180	16	-0.30	-1.40	-0.13	0.0	0.0	0.0
180	17	0.26	-1.11	-0.17	0.0	0.0	0.0
181	1	1.09e-03	-5.70e-03	-0.02	-2.43e-05	-3.21e-04	-3.80e-05
181	2	0.01	-4.40e-03	-0.06	-1.25e-04	-1.04e-04	8.43e-06
181	3	4.39e-03	1.51e-03	-2.07e-03	-4.20e-06	-2.70e-06	0.0
181	4	6.51e-03	2.35e-03	-5.99e-03	-1.60e-05	-6.57e-06	1.28e-06
181	5	7.91e-04	1.28e-03	-6.61e-03	2.95e-06	-7.38e-06	1.47e-06
181	6	-4.39	-0.46	6.66e-03	-8.30e-05	8.64e-04	-7.91e-04
181	7	-3.89	0.07	1.38e-03	-2.99e-05	7.63e-04	1.42e-04
181	8	-0.74	-3.56	0.04	-5.00e-04	-1.94e-04	-9.89e-04
181	9	0.62	-3.08	0.03	-4.34e-04	-2.03e-04	8.55e-04
181	10	-2.34	-0.25	3.59e-03	-4.48e-05	4.60e-04	-4.35e-04
181	11	-2.07	0.04	7.50e-04	-1.59e-05	4.06e-04	7.60e-05
181	12	-0.41	-1.89	0.02	-2.66e-04	-1.06e-04	-5.45e-04
181	13	0.34	-1.65	0.02	-2.33e-04	-1.08e-04	4.70e-04
181	14	-1.75	-0.19	2.69e-03	-3.36e-05	3.45e-04	-3.27e-04
181	15	-1.55	0.03	5.65e-04	-1.19e-05	3.04e-04	5.70e-05
181	16	-0.31	-1.42	0.01	-2.00e-04	-7.97e-05	-4.09e-04
181	17	0.26	-1.24	0.01	-1.75e-04	-8.09e-05	3.52e-04
182	1	9.16e-04	-6.46e-03	-0.02	-4.37e-05	3.28e-04	3.98e-05
182	2	0.01	-7.54e-03	-0.06	-1.30e-04	1.12e-04	-2.31e-06
182	3	4.29e-03	9.25e-04	-1.05e-03	0.0	-2.88e-06	0.0
182	4	6.49e-03	1.41e-03	-4.25e-03	-1.07e-05	0.0	0.0
182	5	9.91e-04	8.44e-04	-6.06e-03	1.57e-06	5.97e-06	0.0
182	6	-4.39	0.32	2.71e-03	1.32e-04	9.58e-04	-7.93e-04
182	7	-3.89	-0.13	3.35e-03	8.01e-05	8.33e-04	1.32e-04
182	8	-0.74	-2.97	0.03	-4.08e-04	-1.21e-04	-1.00e-03
182	9	0.61	-3.60	0.03	-5.02e-04	-1.36e-04	8.25e-04
182	10	-2.33	0.18	1.60e-03	7.07e-05	5.10e-04	-4.36e-04
182	11	-2.07	-0.07	1.81e-03	4.27e-05	4.43e-04	7.06e-05
182	12	-0.41	-1.60	0.01	-2.20e-04	-6.88e-05	-5.51e-04
182	13	0.34	-1.91	0.02	-2.67e-04	-7.34e-05	4.55e-04
182	14	-1.75	0.13	1.22e-03	5.30e-05	3.82e-04	-3.27e-04
182	15	-1.55	-0.05	1.36e-03	3.19e-05	3.32e-04	5.29e-05
182	16	-0.31	-1.20	0.01	-1.65e-04	-5.17e-05	-4.13e-04
182	17	0.25	-1.43	0.01	-2.01e-04	-5.51e-05	3.41e-04
183	1	1.83e-04	-3.51e-03	-0.03	-2.80e-05	-3.97e-05	-4.33e-06
183	2	0.01	-3.07e-03	-0.08	-1.13e-04	1.56e-04	-1.24e-05

183	3	4.16e-03	9.46e-04	-1.08e-03	0.0	-2.21e-06	0.0
183	4	6.10e-03	1.43e-03	-5.50e-03	-1.28e-05	7.37e-06	1.63e-06
183	5	2.27e-04	7.62e-04	-6.30e-03	-5.02e-06	4.44e-05	5.19e-06
183	6	-4.11	0.32	0.02	8.43e-05	4.38e-05	-7.45e-04
183	7	-3.98	-0.13	0.03	9.41e-05	3.57e-05	2.03e-04
183	8	-0.39	-2.98	0.02	-1.29e-04	3.13e-05	-9.83e-04
183	9	0.23	-3.61	0.03	-1.73e-04	2.06e-05	8.30e-04
183	10	-2.19	0.18	0.01	4.52e-05	2.44e-05	-4.12e-04
183	11	-2.12	-0.07	0.01	5.05e-05	2.17e-05	1.08e-04
183	12	-0.22	-1.60	0.01	-6.97e-05	1.71e-05	-5.41e-04
183	13	0.13	-1.92	0.02	-9.21e-05	1.16e-05	4.57e-04
183	14	-1.64	0.13	9.89e-03	3.39e-05	1.85e-05	-3.09e-04
183	15	-1.58	-0.05	0.01	3.79e-05	1.67e-05	8.12e-05
183	16	-0.16	-1.20	0.01	-5.23e-05	1.29e-05	-4.06e-04
183	17	0.09	-1.44	0.01	-6.91e-05	8.82e-06	3.43e-04
184	1	1.33e-03	-3.01e-03	-0.03	-2.98e-05	3.65e-05	4.85e-06
184	2	0.01	-7.03e-04	-0.08	-1.12e-04	-1.69e-04	1.54e-05
184	3	4.17e-03	1.42e-03	-3.31e-03	0.0	-2.32e-06	0.0
184	4	6.35e-03	2.18e-03	-8.87e-03	-1.16e-05	-1.43e-05	0.0
184	5	1.25e-03	1.14e-03	-6.25e-03	-4.73e-06	-4.70e-05	-4.99e-06
184	6	-4.11	-0.46	-0.02	-1.18e-04	-9.61e-05	-7.66e-04
184	7	-3.98	0.07	-0.02	-1.21e-04	-1.08e-04	1.77e-04
184	8	-0.39	-3.57	0.03	-1.74e-04	-2.20e-05	-9.65e-04
184	9	0.23	-3.09	0.03	-1.33e-04	-2.91e-05	8.48e-04
184	10	-2.19	-0.25	-8.14e-03	-6.32e-05	-5.50e-05	-4.23e-04
184	11	-2.11	0.04	-9.50e-03	-6.48e-05	-4.04e-05	9.43e-05
184	12	-0.22	-1.90	0.02	-9.27e-05	-1.26e-05	-5.32e-04
184	13	0.13	-1.66	0.01	-7.17e-05	-1.57e-05	4.66e-04
184	14	-1.64	-0.19	-6.11e-03	-4.74e-05	-4.19e-05	-3.17e-04
184	15	-1.58	0.03	-7.11e-03	-4.86e-05	-4.58e-05	7.07e-05
184	16	-0.16	-1.42	0.01	-6.95e-05	-9.62e-06	-3.99e-04
184	17	0.09	-1.24	0.01	-5.38e-05	-1.18e-05	3.49e-04
185	1	2.40e-05	4.04e-05	-0.02	3.55e-05	-7.08e-05	2.14e-06
185	2	9.07e-03	2.26e-03	-0.07	1.44e-04	1.72e-04	1.74e-05
185	3	3.93e-03	9.46e-04	-1.40e-03	0.0	-1.51e-06	0.0
185	4	5.73e-03	1.41e-03	-5.76e-03	1.36e-05	9.10e-06	0.0
185	5	-2.14e-06	7.34e-04	-5.88e-03	6.50e-06	4.74e-05	-3.53e-06
185	6	-3.72	0.32	0.03	-1.26e-04	-1.00e-04	-8.51e-04
185	7	-4.07	-0.12	0.02	-1.29e-04	-1.09e-04	5.61e-05
185	8	0.58	-2.98	-0.05	-1.50e-04	7.14e-05	-9.87e-04
185	9	-0.37	-3.60	-0.06	-2.22e-04	2.73e-05	8.16e-04
185	10	-1.98	0.18	0.01	-6.79e-05	-5.52e-05	-4.65e-04
185	11	-2.17	-0.07	0.01	-6.88e-05	-5.96e-05	3.01e-05
185	12	0.31	-1.60	-0.03	-8.09e-05	3.80e-05	-5.43e-04
185	13	-0.20	-1.91	-0.03	-1.18e-04	1.51e-05	4.50e-04
185	14	-1.48	0.13	0.01	-5.10e-05	-4.16e-05	-3.49e-04
185	15	-1.62	-0.05	8.85e-03	-5.16e-05	-4.49e-05	2.25e-05
185	16	0.23	-1.20	-0.02	-6.07e-05	2.85e-05	-4.07e-04
185	17	-0.15	-1.44	-0.02	-8.87e-05	1.13e-05	3.38e-04
186	1	9.79e-04	3.78e-04	-0.02	3.53e-05	6.92e-05	-1.42e-06
186	2	8.91e-03	4.08e-03	-0.08	1.50e-04	-1.75e-04	-1.38e-05
186	3	3.92e-03	1.32e-03	-1.83e-03	1.82e-06	0.0	0.0
186	4	5.94e-03	2.00e-03	-6.40e-03	1.69e-05	-1.07e-05	1.41e-06
186	5	9.76e-04	1.08e-03	-5.87e-03	6.30e-06	-4.77e-05	4.43e-06
186	6	-3.72	-0.46	-0.03	1.09e-04	-6.87e-05	-8.45e-04
186	7	-4.07	0.07	-0.02	1.12e-04	-7.96e-05	6.08e-05
186	8	0.58	-3.57	-0.06	-2.21e-04	-2.41e-05	-9.51e-04
186	9	-0.37	-3.09	-0.05	-1.59e-04	-6.64e-05	8.52e-04
186	10	-1.98	-0.25	-0.02	5.87e-05	-3.86e-05	-4.62e-04
186	11	-2.17	0.04	-0.01	5.99e-05	-4.45e-05	3.27e-05
186	12	0.31	-1.90	-0.03	-1.18e-04	-1.42e-05	-5.26e-04
186	13	-0.20	-1.66	-0.03	-8.55e-05	-3.53e-05	4.67e-04
186	14	-1.49	-0.19	-0.01	4.41e-05	-2.93e-05	-3.47e-04
186	15	-1.62	0.03	-9.34e-03	4.49e-05	-3.37e-05	2.45e-05
186	16	0.23	-1.42	-0.02	-8.83e-05	-1.07e-05	-3.94e-04
186	17	-0.15	-1.24	-0.02	-6.42e-05	-2.65e-05	3.50e-04
187	1	-9.05e-04	2.44e-03	-0.02	-1.70e-05	-5.14e-05	-3.90e-06
187	2	8.31e-03	5.76e-03	-0.06	2.96e-05	1.45e-05	-1.37e-05
187	3	3.80e-03	9.39e-04	-1.52e-03	0.0	-1.46e-06	0.0
187	4	5.63e-03	1.39e-03	-4.36e-03	1.10e-05	0.0	0.0
187	5	3.87e-04	6.60e-04	-4.86e-03	-1.39e-06	1.09e-06	-1.51e-06
187	6	-3.45	0.33	-9.17e-03	-4.48e-05	8.65e-04	-8.56e-04
187	7	-4.11	-0.11	-3.39e-03	-6.50e-05	1.02e-03	-2.39e-05
187	8	0.97	-2.97	0.02	-2.54e-04	-2.77e-04	-9.70e-04
187	9	-0.73	-3.59	0.02	-3.02e-04	-1.34e-04	8.25e-04
187	10	-1.84	0.18	-4.94e-03	-2.45e-05	4.62e-04	-4.68e-04

187	11	-2.18	-0.06	-1.92e-03	-3.50e-05	5.46e-04	-1.36e-05
187	12	0.52	-1.60	9.84e-03	-1.37e-04	-1.49e-04	-5.34e-04
187	13	-0.40	-1.91	0.01	-1.61e-04	-7.51e-05	4.53e-04
187	14	-1.38	0.14	-3.71e-03	-1.84e-05	3.47e-04	-3.51e-04
187	15	-1.64	-0.04	-1.46e-03	-2.63e-05	4.09e-04	-1.02e-05
187	16	0.39	-1.20	7.38e-03	-1.02e-04	-1.12e-04	-4.01e-04
187	17	-0.30	-1.43	8.23e-03	-1.21e-04	-5.64e-05	3.40e-04
188	1	1.69e-03	2.67e-03	-0.02	-1.67e-05	5.12e-05	4.31e-06
188	2	8.40e-03	7.25e-03	-0.06	3.09e-05	-1.63e-05	1.69e-05
188	3	3.79e-03	1.26e-03	-1.50e-03	1.03e-06	0.0	0.0
188	4	5.64e-03	1.89e-03	-4.32e-03	1.18e-05	-2.04e-06	0.0
188	5	2.66e-04	9.92e-04	-4.86e-03	-1.35e-06	-1.07e-06	2.21e-06
188	6	-3.45	-0.47	8.03e-03	2.93e-05	8.68e-04	-8.58e-04
188	7	-4.11	0.07	-1.78e-03	4.77e-05	1.02e-03	-2.62e-05
188	8	0.95	-3.55	0.02	-2.98e-04	1.80e-04	-9.66e-04
188	9	-0.74	-3.09	0.02	-2.65e-04	2.25e-04	8.37e-04
188	10	-1.84	-0.25	4.36e-03	1.64e-05	4.64e-04	-4.69e-04
188	11	-2.18	0.04	-1.08e-03	2.58e-05	5.45e-04	-1.47e-05
188	12	0.52	-1.89	0.01	-1.59e-04	9.92e-05	-5.32e-04
188	13	-0.40	-1.65	9.90e-03	-1.42e-04	1.21e-04	4.60e-04
188	14	-1.38	-0.19	3.28e-03	1.23e-05	3.48e-04	-3.52e-04
188	15	-1.64	0.03	-8.25e-04	1.94e-05	4.08e-04	-1.10e-05
188	16	0.39	-1.42	8.40e-03	-1.19e-04	7.45e-05	-3.99e-04
188	17	-0.30	-1.24	7.44e-03	-1.07e-04	9.08e-05	3.45e-04
189	1	3.07e-03	6.44e-03	-0.02	2.36e-05	-4.02e-05	-2.94e-05
189	2	0.01	6.56e-03	-0.04	1.39e-04	-1.04e-04	-1.04e-04
189	3	4.23e-03	8.45e-04	-1.45e-03	-1.48e-06	2.09e-06	1.92e-06
189	4	6.57e-03	1.51e-03	-3.85e-03	-1.84e-06	4.89e-06	-4.60e-06
189	5	7.32e-04	1.68e-03	-7.98e-03	-2.78e-06	-7.41e-06	-3.29e-05
189	6	-4.25	0.89	-0.02	-1.50e-04	1.01e-03	5.73e-04
189	7	-3.87	-0.18	-0.02	-2.23e-04	9.76e-04	4.18e-04
189	8	-0.60	-2.55	-6.70e-03	-6.78e-04	1.65e-04	-9.39e-04
189	9	0.47	-3.95	-6.44e-03	-1.01e-03	1.21e-04	8.05e-04
189	10	-2.26	0.49	-0.01	-8.80e-05	5.39e-04	3.25e-04
189	11	-2.06	-0.10	-0.01	-1.19e-04	5.20e-04	2.23e-04
189	12	-0.33	-1.40	-3.58e-03	-3.72e-04	8.85e-05	-5.17e-04
189	13	0.26	-2.10	-3.46e-03	-5.37e-04	6.76e-05	4.43e-04
189	14	-1.69	0.37	-7.55e-03	-6.61e-05	4.04e-04	2.44e-04
189	15	-1.54	-0.07	-7.74e-03	-8.96e-05	3.89e-04	1.67e-04
189	16	-0.25	-1.05	-2.69e-03	-2.79e-04	6.64e-05	-3.88e-04
189	17	0.20	-1.57	-2.59e-03	-4.03e-04	5.11e-05	3.32e-04
190	1	-1.05e-03	6.33e-03	-0.02	2.52e-05	4.07e-05	3.18e-05
190	2	8.39e-03	8.75e-03	-0.04	1.43e-04	1.74e-04	1.15e-04
190	3	4.07e-03	1.68e-03	-1.38e-03	-1.06e-06	0.0	1.86e-06
190	4	5.85e-03	2.79e-03	-3.78e-03	-1.15e-06	-2.22e-06	1.05e-05
190	5	8.93e-04	2.37e-03	-7.90e-03	-2.23e-06	8.82e-06	3.57e-05
190	6	-4.26	-1.04	0.01	1.69e-04	9.13e-04	5.84e-04
190	7	-3.88	0.09	0.01	1.67e-04	8.95e-04	4.05e-04
190	8	-0.60	-4.01	-0.01	-1.03e-03	-1.72e-04	-9.47e-04
190	9	0.47	-2.68	-0.01	-7.21e-04	-1.73e-04	8.03e-04
190	10	-2.26	-0.57	6.57e-03	9.66e-05	4.87e-04	3.30e-04
190	11	-2.06	0.05	7.65e-03	8.98e-05	4.77e-04	2.16e-04
190	12	-0.33	-2.13	-5.90e-03	-5.45e-04	-9.40e-05	-5.22e-04
190	13	0.26	-1.46	-5.41e-03	-3.92e-04	-9.26e-05	4.41e-04
190	14	-1.70	-0.43	4.93e-03	7.25e-05	3.65e-04	2.48e-04
190	15	-1.55	0.03	5.73e-03	6.74e-05	3.57e-04	1.62e-04
190	16	-0.25	-1.59	-4.43e-03	-4.09e-04	-7.08e-05	-3.91e-04
190	17	0.20	-1.10	-4.06e-03	-2.94e-04	-6.97e-05	3.31e-04
191	1	-3.78e-04	-5.71e-03	-0.02	-2.04e-05	-1.39e-04	-9.91e-05
191	2	9.03e-03	7.97e-04	-0.08	-1.31e-04	-7.42e-06	-5.81e-05
191	3	4.22e-03	1.79e-03	-2.76e-03	-2.56e-06	-1.29e-06	0.0
191	4	6.19e-03	2.83e-03	-7.20e-03	-5.56e-06	-4.37e-06	-6.07e-06
191	5	9.12e-04	1.13e-03	-6.23e-03	-4.14e-06	-7.78e-06	-2.29e-05
191	6	-4.27	-0.45	-0.02	-1.54e-04	1.49e-04	-6.44e-04
191	7	-3.91	0.07	-2.14e-03	-7.85e-05	1.54e-04	3.37e-04
191	8	-0.60	-3.52	-0.07	-4.65e-04	-1.06e-04	-9.95e-04
191	9	0.47	-3.05	-0.06	-3.88e-04	-4.79e-05	8.16e-04
191	10	-2.27	-0.24	-9.91e-03	-8.27e-05	7.95e-05	-3.61e-04
191	11	-2.08	0.04	-1.22e-03	-4.20e-05	8.18e-05	1.79e-04
191	12	-0.33	-1.87	-0.04	-2.47e-04	-5.60e-05	-5.47e-04
191	13	0.26	-1.64	-0.03	-2.09e-04	-2.71e-05	4.49e-04
191	14	-1.70	-0.18	-7.43e-03	-6.20e-05	5.96e-05	-2.71e-04
191	15	-1.56	0.03	-9.25e-04	-3.14e-05	6.12e-05	1.34e-04
191	16	-0.25	-1.40	-0.03	-1.85e-04	-4.20e-05	-4.10e-04
191	17	0.20	-1.23	-0.03	-1.57e-04	-2.03e-05	3.37e-04
192	1	2.29e-03	-5.70e-03	-0.03	-2.27e-05	1.40e-04	1.00e-04

192	2	0.01	-1.52e-03	-0.08	-1.34e-04	7.89e-06	5.80e-05
192	3	4.25e-03	9.09e-04	-1.04e-03	0.0	0.0	-1.05e-06
192	4	6.49e-03	1.51e-03	-4.59e-03	-2.25e-06	1.62e-06	3.83e-06
192	5	7.48e-04	8.98e-04	-6.18e-03	-6.00e-06	7.34e-06	2.21e-05
192	6	-4.27	0.30	0.03	1.52e-04	1.68e-04	5.92e-04
192	7	-3.90	-0.14	0.01	8.34e-05	1.67e-04	4.09e-04
192	8	-0.60	-2.94	-0.06	-3.84e-04	3.31e-05	-9.72e-04
192	9	0.47	-3.56	-0.07	-4.78e-04	3.53e-05	8.21e-04
192	10	-2.27	0.17	0.02	8.11e-05	8.95e-05	3.35e-04
192	11	-2.08	-0.07	7.89e-03	4.46e-05	8.87e-05	2.18e-04
192	12	-0.33	-1.58	-0.03	-2.08e-04	1.83e-05	-5.34e-04
192	13	0.26	-1.89	-0.04	-2.54e-04	1.91e-05	4.51e-04
192	14	-1.70	0.13	0.01	6.09e-05	6.71e-05	2.52e-04
192	15	-1.55	-0.05	5.91e-03	3.34e-05	6.64e-05	1.63e-04
192	16	-0.25	-1.19	-0.03	-1.56e-04	1.38e-05	-4.01e-04
192	17	0.20	-1.42	-0.03	-1.91e-04	1.44e-05	3.39e-04
193	1	2.48e-03	-3.29e-03	-0.01	4.03e-05	-4.33e-05	1.94e-05
193	2	8.89e-03	3.16e-04	-0.04	1.34e-04	-2.01e-04	6.51e-05
193	3	3.76e-03	4.73e-04	-1.13e-03	0.0	2.31e-06	0.0
193	4	5.72e-03	3.76e-04	-3.17e-03	3.01e-06	6.66e-06	6.09e-06
193	5	3.16e-04	-7.51e-04	-7.19e-03	1.24e-05	3.61e-06	3.01e-05
193	6	-3.32	0.90	-0.02	-1.24e-04	9.27e-04	-1.06e-03
193	7	-3.96	-0.13	-0.02	-1.60e-04	1.23e-03	-2.93e-04
193	8	0.92	-2.56	0.01	-4.70e-04	3.46e-04	-9.04e-04
193	9	-0.71	-3.92	9.03e-03	-7.59e-04	7.31e-04	7.49e-04
193	10	-1.77	0.49	-0.01	-7.23e-05	4.98e-04	-5.71e-04
193	11	-2.11	-0.07	-0.01	-8.55e-05	6.54e-04	-1.56e-04
193	12	0.50	-1.41	6.48e-03	-2.60e-04	2.01e-04	-4.97e-04
193	13	-0.39	-2.08	4.86e-03	-4.03e-04	3.88e-04	4.13e-04
193	14	-1.33	0.37	-8.31e-03	-5.43e-05	3.73e-04	-4.28e-04
193	15	-1.58	-0.05	-9.19e-03	-6.40e-05	4.90e-04	-1.17e-04
193	16	0.38	-1.05	4.86e-03	-1.95e-04	1.51e-04	-3.73e-04
193	17	-0.29	-1.56	3.65e-03	-3.02e-04	2.91e-04	3.10e-04
194	1	1.56e-03	8.07e-03	-0.02	1.56e-05	2.57e-04	-2.65e-05
194	2	8.59e-03	0.01	-0.07	9.33e-05	7.07e-05	-2.54e-05
194	3	3.76e-03	8.91e-04	-1.48e-03	0.0	0.0	0.0
194	4	5.63e-03	9.76e-04	-4.32e-03	4.07e-06	0.0	-1.30e-06
194	5	2.94e-04	2.16e-04	-4.90e-03	5.92e-06	-2.59e-06	-1.01e-05
194	6	-3.33	0.33	-9.87e-03	-4.02e-05	1.09e-03	-9.15e-04
194	7	-3.97	-0.10	-2.87e-03	-7.04e-05	1.25e-03	-6.69e-05
194	8	0.93	-2.93	0.02	-4.20e-04	-3.99e-04	-9.49e-04
194	9	-0.71	-3.55	0.03	-4.87e-04	-1.51e-04	8.37e-04
194	10	-1.78	0.18	-5.33e-03	-2.35e-05	5.81e-04	-4.98e-04
194	11	-2.11	-0.05	-1.68e-03	-3.80e-05	6.66e-04	-3.61e-05
194	12	0.51	-1.58	0.01	-2.26e-04	-2.13e-04	-5.24e-04
194	13	-0.39	-1.88	0.01	-2.59e-04	-8.55e-05	4.59e-04
194	14	-1.33	0.14	-4.01e-03	-1.78e-05	4.36e-04	-3.73e-04
194	15	-1.58	-0.04	-1.28e-03	-2.85e-05	4.99e-04	-2.70e-05
194	16	0.38	-1.18	9.41e-03	-1.70e-04	-1.60e-04	-3.93e-04
194	17	-0.29	-1.41	0.01	-1.95e-04	-6.44e-05	3.45e-04
195	1	-7.99e-04	8.17e-03	-0.02	1.62e-05	-2.58e-04	2.68e-05
195	2	8.23e-03	0.01	-0.07	9.68e-05	-6.93e-05	2.81e-05
195	3	3.76e-03	1.09e-03	-1.51e-03	1.37e-06	0.0	0.0
195	4	5.54e-03	1.30e-03	-4.37e-03	6.03e-06	0.0	2.21e-06
195	5	3.71e-04	5.34e-04	-4.90e-03	5.95e-06	2.73e-06	1.08e-05
195	6	-3.33	-0.47	8.85e-03	-4.93e-05	1.09e-03	-9.17e-04
195	7	-3.97	-0.08	-1.82e-03	3.62e-05	1.26e-03	-6.49e-05
195	8	0.93	-3.51	0.03	-4.75e-04	2.21e-04	-9.72e-04
195	9	-0.71	-3.04	0.02	-4.37e-04	3.52e-04	8.17e-04
195	10	-1.78	-0.25	4.82e-03	-2.73e-05	5.85e-04	-4.99e-04
195	11	-2.11	-0.04	-1.10e-03	1.98e-05	6.70e-04	-3.51e-05
195	12	0.51	-1.87	0.01	-2.53e-04	1.23e-04	-5.35e-04
195	13	-0.39	-1.63	0.01	-2.35e-04	1.88e-04	4.50e-04
195	14	-1.34	-0.19	3.62e-03	-2.06e-05	4.39e-04	-3.74e-04
195	15	-1.58	-0.03	-8.41e-04	1.49e-05	5.02e-04	-2.63e-05
195	16	0.38	-1.40	0.01	-1.90e-04	9.22e-05	-4.01e-04
195	17	-0.29	-1.22	9.52e-03	-1.76e-04	1.41e-04	3.38e-04
196	1	-1.69e-03	-2.74e-03	-0.01	4.01e-05	4.32e-05	-1.97e-05
196	2	7.91e-03	3.78e-03	-0.04	1.35e-04	2.03e-04	-6.05e-05
196	3	3.77e-03	1.26e-03	-9.49e-04	0.0	-1.89e-06	2.20e-06
196	4	5.47e-03	1.61e-03	-2.90e-03	3.41e-06	-5.96e-06	-3.65e-06
196	5	3.43e-04	8.04e-05	-7.17e-03	1.23e-05	-3.66e-06	-2.97e-05
196	6	-3.32	-1.05	0.02	1.37e-04	9.01e-04	-1.08e-03
196	7	-3.96	0.07	0.03	1.35e-04	1.20e-03	-3.22e-04
196	8	0.93	-3.97	7.81e-03	-7.66e-04	-7.85e-04	-8.64e-04
196	9	-0.70	-2.69	0.01	-4.95e-04	-3.44e-04	7.83e-04

196	10	-1.77	-0.57	0.01	7.86e-05	4.84e-04	-5.84e-04
196	11	-2.11	0.04	0.01	7.17e-05	6.39e-04	-1.72e-04
196	12	0.50	-2.10	4.27e-03	-4.07e-04	-4.17e-04	-4.78e-04
196	13	-0.38	-1.46	6.43e-03	-2.70e-04	-1.96e-04	4.29e-04
196	14	-1.33	-0.43	9.01e-03	5.90e-05	3.63e-04	-4.38e-04
196	15	-1.58	0.03	1.00e-02	5.37e-05	4.79e-04	-1.28e-04
196	16	0.38	-1.58	3.20e-03	-3.05e-04	-3.13e-04	-3.59e-04
196	17	-0.29	-1.10	4.83e-03	-2.03e-04	-1.47e-04	3.22e-04
197	1	0.04	-1.20e-03	-0.26	-6.86e-04	-2.35e-03	-7.49e-05
197	2	-0.03	0.01	0.09	-8.38e-05	8.52e-04	-2.06e-05
197	3	4.23e-03	4.84e-04	-1.28e-03	0.0	2.48e-06	0.0
197	4	6.56e-03	1.05e-03	-5.90e-03	0.0	-1.33e-05	0.0
197	5	3.25e-03	1.98e-03	-0.02	0.0	-7.64e-05	-1.88e-06
197	6	-4.27	1.43	0.11	-3.21e-04	9.85e-04	-1.15e-03
197	7	-4.02	-0.23	0.09	-1.17e-04	9.32e-04	1.42e-04
197	8	0.53	-3.36	0.20	7.15e-04	9.47e-04	1.14e-03
197	9	0.65	-5.51	0.07	7.31e-04	3.31e-04	2.07e-03
197	10	-2.27	0.79	0.06	-1.82e-04	5.42e-04	-6.33e-04
197	11	-2.14	-0.13	0.05	-6.71e-05	5.06e-04	7.76e-05
197	12	0.30	-1.87	0.12	4.19e-04	5.65e-04	6.68e-04
197	13	0.35	-2.92	0.04	4.03e-04	1.91e-04	1.11e-03
197	14	-1.70	0.59	0.05	-1.38e-04	4.10e-04	-4.75e-04
197	15	-1.60	-0.09	0.04	-5.13e-05	3.81e-04	5.85e-05
197	16	0.23	-1.40	0.09	3.23e-04	4.40e-04	5.03e-04
197	17	0.26	-2.19	0.03	3.06e-04	1.47e-04	8.35e-04
198	1	-0.03	-1.13e-04	-0.24	-6.79e-04	2.18e-03	7.60e-05
198	2	0.05	0.02	0.09	-8.93e-05	-9.03e-04	2.55e-05
198	3	4.20e-03	2.01e-03	-2.06e-03	1.35e-06	1.69e-06	0.0
198	4	6.07e-03	3.41e-03	-7.07e-03	2.11e-06	2.00e-05	1.34e-06
198	5	-1.82e-03	2.92e-03	-0.02	0.0	7.97e-05	2.48e-06
198	6	-4.28	-1.61	-0.11	2.73e-04	1.12e-03	-1.18e-03
198	7	-4.03	0.12	-0.09	1.12e-04	9.65e-04	1.11e-04
198	8	-0.69	-5.57	0.06	7.04e-04	-2.87e-04	-2.19e-03
198	9	-0.34	-3.50	0.06	4.65e-04	-2.78e-04	-9.81e-04
198	10	-2.27	-0.88	-0.06	1.51e-04	6.24e-04	-6.49e-04
198	11	-2.14	0.07	-0.05	6.36e-05	5.26e-04	6.16e-05
198	12	-0.37	-2.96	0.04	3.89e-04	-1.63e-04	-1.18e-03
198	13	-0.20	-1.92	0.04	2.65e-04	-1.63e-04	-5.76e-04
198	14	-1.70	-0.66	-0.05	1.14e-04	4.74e-04	-4.87e-04
198	15	-1.61	0.05	-0.04	4.83e-05	3.97e-04	4.66e-05
198	16	-0.28	-2.22	0.03	2.95e-04	-1.24e-04	-8.87e-04
198	17	-0.15	-1.44	0.03	2.01e-04	-1.27e-04	-4.33e-04
199	1	-0.03	6.58e-04	-0.24	6.77e-04	2.18e-03	-8.16e-05
199	2	0.05	0.02	0.09	9.67e-05	-9.12e-04	-7.45e-06
199	3	3.87e-03	2.01e-03	-1.21e-03	0.0	0.0	0.0
199	4	5.07e-03	3.42e-03	-5.93e-03	1.00e-06	1.69e-05	1.38e-06
199	5	-3.65e-03	2.92e-03	-0.02	-1.65e-06	7.90e-05	2.47e-06
199	6	-3.64	-1.61	-0.11	-1.68e-04	1.10e-03	-1.17e-03
199	7	-4.09	0.12	-0.09	-1.24e-04	9.90e-04	1.15e-04
199	8	1.00	-5.57	-0.05	6.28e-04	1.74e-04	-2.18e-03
199	9	0.38	-3.50	-0.06	4.17e-04	2.83e-04	-9.76e-04
199	10	-1.94	-0.88	-0.06	-9.88e-05	6.18e-04	-6.45e-04
199	11	-2.18	0.07	-0.05	-6.92e-05	5.41e-04	6.32e-05
199	12	0.53	-2.96	-0.03	3.50e-04	1.01e-04	-1.17e-03
199	13	0.22	-1.92	-0.04	2.40e-04	1.68e-04	-5.73e-04
199	14	-1.46	-0.66	-0.05	-7.52e-05	4.69e-04	-4.84e-04
199	15	-1.63	0.05	-0.04	-5.24e-05	4.07e-04	4.78e-05
199	16	0.40	-2.22	-0.02	2.66e-04	7.79e-05	-8.82e-04
199	17	0.17	-1.44	-0.03	1.83e-04	1.30e-04	-4.31e-04
200	1	0.04	-4.80e-04	-0.27	6.92e-04	-2.35e-03	8.15e-05
200	2	-0.03	0.01	0.09	8.94e-05	8.55e-04	1.09e-05
200	3	3.85e-03	4.85e-04	-9.90e-04	0.0	2.18e-06	0.0
200	4	6.45e-03	1.06e-03	-5.64e-03	0.0	-1.37e-05	0.0
200	5	4.63e-03	1.98e-03	-0.02	-1.68e-06	-7.66e-05	-1.84e-06
200	6	-3.65	1.43	0.10	2.21e-04	9.41e-04	-1.14e-03
200	7	-4.11	-0.23	0.09	1.46e-04	9.42e-04	1.45e-04
200	8	-0.56	-3.36	-0.19	6.73e-04	-9.12e-04	1.13e-03
200	9	-0.82	-5.52	-0.07	6.45e-04	-2.50e-04	2.05e-03
200	10	-1.95	0.79	0.06	1.31e-04	5.18e-04	-6.29e-04
200	11	-2.18	-0.13	0.05	8.23e-05	5.12e-04	7.93e-05
200	12	-0.31	-1.87	-0.12	3.97e-04	-5.44e-04	6.65e-04
200	13	-0.44	-2.93	-0.04	3.59e-04	-1.50e-04	1.10e-03
200	14	-1.46	0.59	0.04	1.01e-04	3.92e-04	-4.72e-04
200	15	-1.64	-0.09	0.04	6.27e-05	3.85e-04	5.97e-05
200	16	-0.24	-1.40	-0.09	3.07e-04	-4.24e-04	5.00e-04
200	17	-0.33	-2.20	-0.03	2.73e-04	-1.17e-04	8.28e-04

201	1	-7.45e-03	4.02e-04	-0.03	-1.48e-04	-5.81e-04	6.94e-06
201	2	-3.09e-03	0.01	-0.05	-3.76e-04	1.31e-03	-5.82e-05
201	3	4.29e-03	5.47e-04	-1.65e-03	0.0	2.87e-06	0.0
201	4	6.21e-03	1.05e-03	-4.15e-03	0.0	-1.26e-05	0.0
201	5	1.25e-03	1.71e-03	-8.78e-03	4.62e-06	-7.65e-05	-1.81e-06
201	6	-4.21	1.28	-0.03	-1.01e-03	3.41e-04	-1.36e-03
201	7	-4.00	-0.21	-0.02	-2.53e-04	4.05e-04	1.61e-04
201	8	0.50	-3.30	0.03	2.42e-03	1.01e-03	1.46e-03
201	9	0.57	-5.25	0.04	3.90e-03	1.32e-03	2.85e-03
201	10	-2.24	0.71	-0.02	-5.64e-04	1.96e-04	-7.48e-04
201	11	-2.13	-0.12	-0.01	-1.51e-04	2.20e-04	9.08e-05
201	12	0.28	-1.82	0.01	1.36e-03	5.74e-04	8.62e-04
201	13	0.31	-2.79	0.02	2.11e-03	7.10e-04	1.53e-03
201	14	-1.68	0.53	-0.01	-4.24e-04	1.48e-04	-5.61e-04
201	15	-1.59	-0.09	-8.38e-03	-1.16e-04	1.65e-04	6.88e-05
201	16	0.21	-1.37	0.01	1.03e-03	4.38e-04	6.49e-04
201	17	0.23	-2.09	0.02	1.59e-03	5.34e-04	1.15e-03
202	1	8.80e-03	1.46e-03	-0.03	-1.61e-04	5.35e-04	0.0
202	2	0.02	0.02	-0.05	-3.76e-04	-1.31e-03	6.63e-05
202	3	4.27e-03	1.92e-03	-1.62e-03	1.57e-06	4.40e-06	0.0
202	4	6.62e-03	3.17e-03	-4.09e-03	3.50e-06	2.41e-05	1.23e-06
202	5	2.59e-04	2.57e-03	-8.55e-03	5.74e-06	8.10e-05	2.35e-06
202	6	-4.22	-1.46	0.02	1.05e-03	3.60e-04	-1.40e-03
202	7	-4.01	0.11	0.01	2.52e-04	3.86e-04	1.35e-04
202	8	-0.62	-5.30	0.04	3.87e-03	-1.29e-03	-2.98e-03
202	9	-0.31	-3.44	0.03	2.41e-03	-8.28e-04	-1.34e-03
202	10	-2.25	-0.80	0.01	5.85e-04	2.06e-04	-7.71e-04
202	11	-2.13	0.06	7.99e-03	1.51e-04	2.07e-04	7.81e-05
202	12	-0.34	-2.81	0.02	2.10e-03	-6.93e-04	-1.60e-03
202	13	-0.18	-1.88	0.01	1.34e-03	-4.56e-04	-7.83e-04
202	14	-1.68	-0.60	0.01	4.40e-04	1.56e-04	-5.78e-04
202	15	-1.60	0.04	5.98e-03	1.16e-04	1.55e-04	5.96e-05
202	16	-0.25	-2.11	0.02	1.58e-03	-5.21e-04	-1.21e-03
202	17	-0.13	-1.41	0.01	1.01e-03	-3.44e-04	-5.90e-04
203	1	-9.58e-03	-1.11e-03	-0.03	1.79e-04	-5.89e-04	7.97e-06
203	2	5.42e-04	0.01	-0.05	4.22e-04	1.31e-03	5.75e-05
203	3	3.93e-03	5.45e-04	-1.28e-03	0.0	1.91e-06	0.0
203	4	6.09e-03	1.08e-03	-3.81e-03	1.86e-06	-1.42e-05	0.0
203	5	2.51e-03	1.80e-03	-9.94e-03	0.0	-7.80e-05	0.0
203	6	-3.67	1.28	-0.01	-8.59e-04	5.31e-04	-1.29e-03
203	7	-4.08	-0.22	-0.02	2.77e-04	2.72e-04	2.11e-04
203	8	-0.52	-3.30	-0.02	2.23e-03	-9.80e-04	1.44e-03
203	9	-0.74	-5.25	-0.03	3.59e-03	-1.27e-03	2.80e-03
203	10	-1.96	0.71	-7.48e-03	-4.87e-04	2.93e-04	-7.17e-04
203	11	-2.17	-0.12	-0.01	1.62e-04	1.48e-04	1.16e-04
203	12	-0.29	-1.82	-0.01	1.26e-03	-5.59e-04	8.50e-04
203	13	-0.40	-2.79	-0.02	1.95e-03	-6.82e-04	1.51e-03
203	14	-1.47	0.53	-5.62e-03	-3.66e-04	2.22e-04	-5.38e-04
203	15	-1.63	-0.09	-7.77e-03	1.24e-04	1.11e-04	8.75e-05
203	16	-0.22	-1.37	-7.70e-03	9.49e-04	-4.26e-04	6.39e-04
203	17	-0.30	-2.09	-0.01	1.47e-03	-5.13e-04	1.13e-03
204	1	0.01	-1.84e-04	-0.03	1.85e-04	5.41e-04	-8.77e-06
204	2	0.02	0.02	-0.05	4.22e-04	-1.34e-03	-5.48e-05
204	3	3.85e-03	1.92e-03	-1.43e-03	0.0	-3.12e-06	0.0
204	4	5.52e-03	3.20e-03	-4.03e-03	0.0	1.28e-05	1.76e-06
204	5	-1.46e-03	2.66e-03	-9.84e-03	0.0	7.92e-05	1.48e-06
204	6	-3.66	-1.45	0.01	8.97e-04	6.00e-04	-1.34e-03
204	7	-4.07	0.11	0.02	-2.52e-04	3.55e-04	1.73e-04
204	8	0.92	-5.30	-0.03	3.56e-03	1.26e-03	-2.94e-03
204	9	0.35	-3.44	-0.02	2.21e-03	8.19e-04	-1.32e-03
204	10	-1.95	-0.80	6.55e-03	5.07e-04	3.28e-04	-7.41e-04
204	11	-2.16	0.06	9.49e-03	-1.47e-04	1.92e-04	9.62e-05
204	12	0.49	-2.81	-0.02	1.94e-03	6.77e-04	-1.58e-03
204	13	0.20	-1.88	-0.01	1.23e-03	4.52e-04	-7.72e-04
204	14	-1.46	-0.60	4.92e-03	3.82e-04	2.47e-04	-5.56e-04
204	15	-1.62	0.05	7.11e-03	-1.13e-04	1.44e-04	7.28e-05
204	16	0.37	-2.11	-0.01	1.46e-03	5.09e-04	-1.19e-03
204	17	0.15	-1.41	-7.62e-03	9.31e-04	3.40e-04	-5.81e-04
205	1	8.61e-04	-8.24e-03	-0.03	-4.82e-05	3.88e-04	2.87e-05
205	2	0.01	-4.83e-03	-0.08	-3.46e-05	-1.93e-04	-1.37e-04
205	3	4.14e-03	9.19e-04	-1.08e-03	0.0	0.0	1.03e-06
205	4	6.21e-03	1.85e-03	-5.46e-03	3.09e-06	0.0	1.38e-06
205	5	7.72e-04	9.43e-04	-6.30e-03	3.54e-06	-6.54e-06	-1.57e-06
205	6	-4.11	0.31	0.02	-2.83e-04	4.56e-05	-7.82e-04
205	7	-3.97	-0.15	0.03	-1.34e-04	5.23e-05	1.81e-04
205	8	-0.40	-2.98	0.03	5.54e-04	6.83e-05	-1.04e-03

205	9	0.24	-3.61	0.04	8.52e-04	1.35e-04	8.28e-04
205	10	-2.19	0.17	0.01	-1.54e-04	2.67e-05	-4.31e-04
205	11	-2.11	-0.08	0.01	-7.38e-05	2.82e-05	9.70e-05
205	12	-0.22	-1.61	0.02	3.08e-04	4.01e-05	-5.72e-04
205	13	0.13	-1.92	0.02	4.57e-04	7.29e-05	4.58e-04
205	14	-1.64	0.13	9.10e-03	-1.15e-04	2.01e-05	-3.24e-04
205	15	-1.58	-0.06	0.01	-5.57e-05	2.11e-05	7.27e-05
205	16	-0.16	-1.20	0.01	2.31e-04	3.01e-05	-4.29e-04
205	17	0.10	-1.44	0.02	3.44e-04	5.48e-05	3.43e-04
206	1	6.04e-04	-8.01e-03	-0.03	-4.83e-05	-3.37e-04	-2.75e-05
206	2	0.01	-1.77e-03	-0.09	-3.27e-05	2.01e-04	1.44e-04
206	3	4.14e-03	1.96e-03	-3.27e-03	1.39e-06	0.0	0.0
206	4	6.19e-03	3.41e-03	-8.76e-03	5.05e-06	2.71e-06	1.57e-06
206	5	6.93e-04	1.16e-03	-6.24e-03	3.39e-06	6.90e-06	2.16e-06
206	6	-4.11	-0.45	-0.01	2.88e-04	4.96e-05	-7.79e-04
206	7	-3.97	0.07	-0.02	1.29e-04	6.76e-05	1.84e-04
206	8	-0.40	-3.58	0.04	8.41e-04	-1.49e-04	-9.72e-04
206	9	0.24	-3.10	0.03	5.55e-04	-6.07e-05	9.03e-04
206	10	-2.19	-0.24	-7.26e-03	1.56e-04	2.89e-05	-4.30e-04
206	11	-2.11	0.04	-8.74e-03	7.09e-05	3.62e-05	9.83e-05
206	12	-0.22	-1.90	0.02	4.52e-04	-8.02e-05	-5.38e-04
206	13	0.13	-1.66	0.02	3.05e-04	-3.57e-05	4.94e-04
206	14	-1.64	-0.18	-5.45e-03	1.17e-04	2.17e-05	-3.23e-04
206	15	-1.58	0.03	-6.55e-03	5.35e-05	2.71e-05	7.37e-05
206	16	-0.16	-1.43	0.02	3.40e-04	-6.03e-05	-4.04e-04
206	17	0.10	-1.25	0.01	2.30e-04	-2.69e-05	3.71e-04
207	1	3.50e-04	0.01	-0.03	6.70e-05	3.88e-04	-3.06e-05
207	2	9.23e-03	0.01	-0.08	-1.33e-05	-2.76e-04	1.24e-04
207	3	3.93e-03	8.88e-04	-1.40e-03	0.0	0.0	0.0
207	4	5.87e-03	5.51e-04	-5.72e-03	-4.09e-06	-1.48e-06	0.0
207	5	5.57e-04	-5.63e-05	-5.83e-03	-3.60e-06	-1.02e-05	2.25e-06
207	6	-3.66	0.36	0.03	1.97e-04	3.11e-04	-9.56e-04
207	7	-4.01	-0.09	0.02	1.34e-04	3.46e-04	-8.01e-05
207	8	0.56	-2.97	-0.05	6.68e-04	-1.39e-04	-1.03e-03
207	9	-0.36	-3.60	-0.07	1.07e-03	-6.29e-05	7.97e-04
207	10	-1.95	0.20	0.01	1.16e-04	1.66e-04	-5.20e-04
207	11	-2.13	-0.05	0.01	7.23e-05	1.85e-04	-4.35e-05
207	12	0.30	-1.60	-0.03	3.72e-04	-7.41e-05	-5.65e-04
207	13	-0.20	-1.91	-0.04	5.72e-04	-3.63e-05	4.41e-04
207	14	-1.46	0.15	0.01	8.73e-05	1.24e-04	-3.90e-04
207	15	-1.60	-0.04	7.98e-03	5.43e-05	1.38e-04	-3.26e-05
207	16	0.23	-1.20	-0.02	2.80e-04	-5.57e-05	-4.24e-04
207	17	-0.15	-1.43	-0.03	4.30e-04	-2.77e-05	3.31e-04
208	1	5.11e-04	0.01	-0.03	6.66e-05	-3.87e-04	3.07e-05
208	2	9.32e-03	0.02	-0.08	-1.53e-05	2.81e-04	-1.21e-04
208	3	3.93e-03	1.09e-03	-1.81e-03	-1.47e-06	0.0	0.0
208	4	5.86e-03	8.75e-04	-6.33e-03	-5.83e-06	2.54e-06	0.0
208	5	4.43e-04	2.67e-04	-5.82e-03	-3.26e-06	1.03e-05	-1.52e-06
208	6	-3.66	-0.50	-0.03	-2.12e-04	3.04e-04	-9.51e-04
208	7	-4.01	-0.09	-0.02	-1.06e-04	3.40e-04	-7.60e-05
208	8	0.57	-3.56	-0.07	1.06e-03	6.23e-05	-9.34e-04
208	9	-0.35	-3.08	-0.06	6.80e-04	1.26e-04	8.97e-04
208	10	-1.95	-0.27	-0.02	-1.23e-04	1.62e-04	-5.17e-04
208	11	-2.13	-0.05	-0.01	-5.76e-05	1.81e-04	-4.13e-05
208	12	0.30	-1.89	-0.04	5.68e-04	3.64e-05	-5.18e-04
208	13	-0.19	-1.65	-0.03	3.75e-04	6.71e-05	4.90e-04
208	14	-1.46	-0.20	-0.01	-9.25e-05	1.22e-04	-3.88e-04
208	15	-1.60	-0.04	-8.61e-03	-4.34e-05	1.36e-04	-3.10e-05
208	16	0.23	-1.42	-0.03	4.27e-04	2.78e-05	-3.89e-04
208	17	-0.15	-1.24	-0.02	2.82e-04	5.04e-05	3.68e-04
209	1	1.50e-03	3.35e-03	-0.06	-1.67e-04	2.93e-04	7.76e-06
209	2	0.01	9.08e-03	-0.12	-8.37e-05	1.27e-03	2.00e-05
209	3	4.09e-03	1.32e-03	-1.85e-03	7.72e-06	0.0	0.0
209	4	6.12e-03	1.74e-03	-5.05e-03	1.93e-05	-1.37e-06	0.0
209	5	6.20e-04	6.85e-04	-5.10e-03	5.82e-06	-3.45e-06	0.0
209	6	-3.99	-0.50	0.13	4.36e-04	-1.19e-04	-9.36e-04
209	7	-4.01	0.08	0.09	4.98e-04	-8.86e-05	6.04e-05
209	8	-0.34	-3.66	0.25	-5.11e-04	-1.36e-04	-1.25e-03
209	9	0.11	-3.14	0.15	-3.96e-04	-7.13e-05	7.85e-04
209	10	-2.13	-0.27	0.07	2.36e-04	-6.37e-05	-5.13e-04
209	11	-2.13	0.04	0.05	2.68e-04	-4.78e-05	3.24e-05
209	12	-0.18	-1.95	0.14	-2.72e-04	-7.36e-05	-6.81e-04
209	13	0.06	-1.69	0.09	-2.13e-04	-4.43e-05	4.43e-04
209	14	-1.59	-0.21	0.05	1.78e-04	-4.79e-05	-3.84e-04
209	15	-1.60	0.03	0.04	2.01e-04	-3.59e-05	2.43e-05
209	16	-0.14	-1.46	0.10	-2.04e-04	-5.54e-05	-5.11e-04

209	17	0.04	-1.26	0.06	-1.60e-04	-3.05e-05	3.32e-04
210	1	-3.56e-04	3.12e-03	-0.06	-1.67e-04	-2.88e-04	-6.91e-06
210	2	0.01	7.45e-03	-0.12	-1.03e-04	-1.26e-03	-1.70e-05
210	3	4.09e-03	9.23e-04	-1.09e-03	0.0	0.0	0.0
210	4	6.13e-03	1.13e-03	-3.86e-03	7.49e-06	1.81e-06	0.0
210	5	7.05e-04	3.99e-04	-5.02e-03	6.51e-06	3.11e-06	0.0
210	6	-3.99	0.36	-0.12	-5.10e-04	-1.17e-04	-9.28e-04
210	7	-4.01	-0.11	-0.09	-5.75e-04	-8.69e-05	6.82e-05
210	8	-0.35	-3.03	0.15	-3.68e-04	7.36e-05	-9.38e-04
210	9	0.11	-3.70	0.25	-5.14e-04	1.30e-04	1.12e-03
210	10	-2.12	0.20	-0.07	-2.76e-04	-6.26e-05	-5.09e-04
210	11	-2.13	-0.06	-0.05	-3.09e-04	-4.68e-05	3.66e-05
210	12	-0.19	-1.63	0.09	-2.00e-04	4.25e-05	-5.29e-04
210	13	0.06	-1.97	0.14	-2.74e-04	7.00e-05	6.06e-04
210	14	-1.59	0.15	-0.05	-2.07e-04	-4.70e-05	-3.81e-04
210	15	-1.60	-0.05	-0.04	-2.32e-04	-3.51e-05	2.74e-05
210	16	-0.14	-1.22	0.07	-1.50e-04	3.22e-05	-3.97e-04
210	17	0.05	-1.48	0.10	-2.05e-04	5.27e-05	4.55e-04
211	1	1.13e-03	2.05e-03	-0.07	1.72e-04	2.79e-04	-5.94e-06
211	2	8.89e-03	6.73e-03	-0.13	1.33e-04	1.31e-03	-9.42e-06
211	3	4.04e-03	1.31e-03	-1.18e-03	-2.32e-06	0.0	0.0
211	4	5.99e-03	1.70e-03	-3.81e-03	-1.02e-05	0.0	0.0
211	5	4.08e-04	6.81e-04	-4.41e-03	-4.57e-06	-2.62e-06	1.01e-06
211	6	-3.82	-0.50	0.08	-4.89e-04	-4.37e-05	-9.26e-04
211	7	-4.02	0.08	0.09	-5.33e-04	-4.09e-05	7.40e-05
211	8	-0.44	-3.66	-0.40	1.41e-04	5.14e-05	-1.26e-03
211	9	0.18	-3.14	-0.26	5.77e-05	3.40e-05	7.82e-04
211	10	-2.04	-0.27	0.05	-2.64e-04	-2.51e-05	-5.08e-04
211	11	-2.14	0.04	0.05	-2.86e-04	-2.22e-05	3.96e-05
211	12	-0.23	-1.95	-0.21	7.53e-05	2.92e-05	-6.86e-04
211	13	0.10	-1.69	-0.14	3.24e-05	1.95e-05	4.41e-04
211	14	-1.53	-0.21	0.04	-1.98e-04	-1.91e-05	-3.81e-04
211	15	-1.60	0.03	0.04	-2.15e-04	-1.67e-05	2.97e-05
211	16	-0.18	-1.46	-0.16	5.66e-05	2.23e-05	-5.15e-04
211	17	0.07	-1.26	-0.11	2.44e-05	1.48e-05	3.31e-04
212	1	-2.07e-04	1.81e-03	-0.07	1.74e-04	-2.74e-04	6.91e-06
212	2	0.01	5.12e-03	-0.13	1.35e-04	-1.31e-03	1.30e-05
212	3	4.02e-03	9.22e-04	-1.26e-03	0.0	0.0	0.0
212	4	6.06e-03	1.11e-03	-3.90e-03	-8.12e-06	1.52e-06	0.0
212	5	7.50e-04	3.93e-04	-4.31e-03	-5.05e-06	2.46e-06	0.0
212	6	-3.82	0.36	-0.09	5.25e-04	-3.40e-05	-9.17e-04
212	7	-4.02	-0.11	-0.11	5.75e-04	-3.67e-05	8.42e-05
212	8	-0.41	-3.03	-0.26	7.36e-05	-4.46e-05	-9.35e-04
212	9	-0.22	-3.70	-0.40	1.41e-04	-5.54e-05	1.13e-03
212	10	-2.04	0.20	-0.05	2.83e-04	-1.96e-05	-5.03e-04
212	11	-2.14	-0.06	-0.06	3.09e-04	-2.01e-05	4.50e-05
212	12	-0.22	-1.63	-0.14	4.20e-05	-5.28e-05	-5.28e-04
212	13	-0.12	-1.97	-0.22	7.50e-05	-3.12e-05	6.11e-04
212	14	-1.53	0.15	-0.04	2.13e-04	-1.49e-05	-3.77e-04
212	15	-1.60	-0.05	-0.04	2.32e-04	-1.51e-05	3.37e-05
212	16	-0.16	-1.22	-0.11	3.16e-05	-1.99e-05	-3.96e-04
212	17	-0.09	-1.47	-0.16	5.64e-05	-2.38e-05	4.58e-04
213	1	5.00e-04	4.51e-03	-0.07	-2.63e-05	-1.77e-06	0.0
213	2	0.01	7.65e-03	-0.12	-1.81e-06	0.0	1.63e-06
213	3	4.08e-03	1.06e-03	-1.34e-03	1.11e-06	0.0	0.0
213	4	6.11e-03	1.26e-03	-4.12e-03	2.36e-06	0.0	0.0
213	5	6.27e-04	3.38e-04	-4.66e-03	1.96e-06	0.0	0.0
213	6	-3.92	-0.14	-4.45e-03	-5.55e-05	-3.13e-04	-9.20e-04
213	7	-4.03	-0.09	-4.56e-03	-3.89e-05	-3.65e-04	6.91e-05
213	8	-0.37	-3.20	-0.06	-1.35e-03	8.67e-05	-1.09e-03
213	9	0.12	-3.28	-0.07	-1.38e-03	-6.88e-05	9.47e-04
213	10	-2.09	-0.07	-2.44e-03	-2.96e-05	-1.70e-04	-5.05e-04
213	11	-2.14	-0.05	-2.46e-03	-2.07e-05	-1.97e-04	3.71e-05
213	12	-0.20	-1.71	-0.03	-7.28e-04	4.73e-05	-6.03e-04
213	13	0.06	-1.75	-0.04	-7.42e-04	-3.76e-05	5.20e-04
213	14	-1.56	-0.05	-1.83e-03	-2.23e-05	-1.28e-04	-3.79e-04
213	15	-1.60	-0.03	-1.85e-03	-1.55e-05	-1.48e-04	2.78e-05
213	16	-0.15	-1.28	-0.03	-5.48e-04	3.56e-05	-4.52e-04
213	17	0.05	-1.31	-0.03	-5.58e-04	-2.82e-05	3.90e-04
Nodo		Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		-4.67	-5.57	-1.12	-1.83e-03	-0.01	-3.69e-03
		1.63	1.43	1.08	6.65e-03	2.18e-03	4.21e-03

16. 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 sottoriportate.

Gli elementi vengono suddivisi, in relazione alle proprietà in elementi:

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

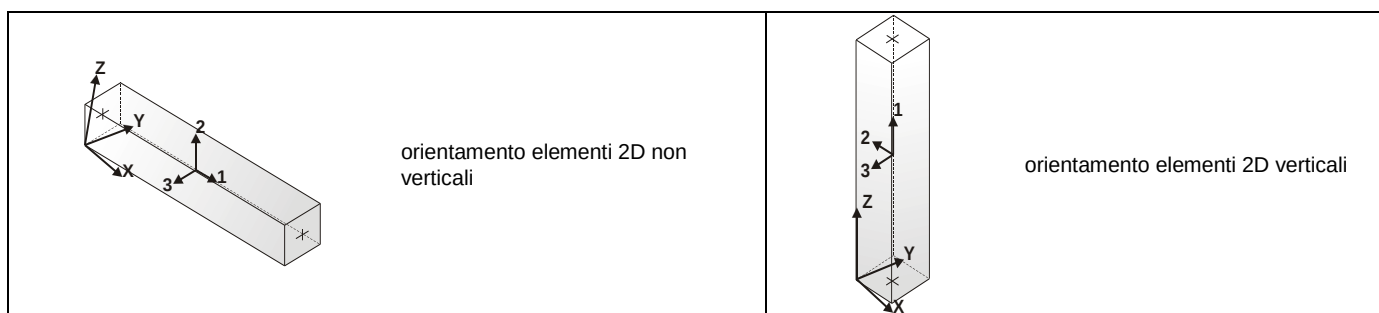
Per ogni elemento, e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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

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

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

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



Pilas.	CDC	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
1	1	6257.96	1975.05	-4.40e-04	0.0	0.0	-4606.87	35.37	-23.52	-54.75	1975.05	-3291.63
		-3291.63	-4375.40	3.72e-04	0.0	270.0	-3796.87	35.37	-23.52	-54.75	-4375.40	6257.96
1	2	2.738e+04	4314.26	-4.49e-03	0.0	0.0	-6640.30	180.78	-53.08	56.48	4314.26	-2.143e+04
		-2.143e+04	-1.002e+04	7.65e-04	0.0	270.0	-6640.30	180.78	-53.08	56.48	-1.002e+04	2.738e+04
1	3	8013.44	3803.58	-1.53e-03	0.0	0.0	-1927.88	54.70	-48.98	10.20	3803.58	-6754.75
		-6754.75	-9419.80	-7.05e-04	0.0	270.0	-1927.88	54.70	-48.98	10.20	-9419.80	8013.44
1	4	1.239e+04	5411.17	-2.36e-03	0.0	0.0	-3003.13	84.52	-69.53	18.88	5411.17	-1.043e+04
		-1.043e+04	-1.336e+04	-9.86e-04	0.0	270.0	-3003.13	84.52	-69.53	18.88	-1.336e+04	1.239e+04
1	5	9372.08	7785.84	-8.85e-04	0.0	0.0	-2616.12	55.56	-90.07	57.72	7785.84	-5629.02
		-5629.02	-1.653e+04	1.54e-03	0.0	270.0	-2616.12	55.56	-90.07	57.72	-1.653e+04	9372.08
1	6	3.874e+06	1.416e+05	1.40	0.0	0.0	-7779.82	-2.322e+04	-541.98	-2.607e+04	1.416e+05	3.874e+06
		-2.403e+06	-4.135e+04	-0.02	0.0	270.0	-7779.82	-2.322e+04	-541.98	-2.607e+04	-4.135e+04	-2.403e+06
1	7	2.901e+06	2.358e+05	1.06	0.0	0.0	-9344.61	-1.720e+04	-896.82	2456.66	2.358e+05	2.901e+06
		-1.747e+06	-7.117e+04	0.23	0.0	270.0	-9344.61	-1.720e+04	-896.82	2456.66	-7.117e+04	-1.747e+06
1	8	6.535e+05	8.581e+05	0.24	0.0	0.0	-1.030e+04	6141.00	-2970.38	-2.838e+04	8.581e+05	-1.006e+06
		-1.006e+06	-9.891e+04	0.84	0.0	270.0	-1.030e+04	6141.00	-2970.38	-2.838e+04	-9.891e+04	6.535e+05
1	9	9.232e+05	1.210e+06	-0.53	0.0	0.0	-1.207e+04	8674.48	-4341.46	2.561e+04	1.210e+06	-1.421e+06
		-1.421e+06	-2.082e+05	1.10	0.0	270.0	-1.207e+04	8674.48	-4341.46	2.561e+04	-2.082e+05	9.232e+05
1	10	2.072e+06	8.290e+04	0.75	0.0	0.0	-4155.81	-1.245e+04	-319.94	-1.424e+04	8.290e+04	2.072e+06
		-1.294e+06	-2.459e+04	-0.01	0.0	270.0	-4155.81	-1.245e+04	-319.94	-1.424e+04	-2.459e+04	-1.294e+06
1	11	1.549e+06	1.276e+05	0.56	0.0	0.0	-4973.92	-9197.30	-503.06	1483.89	1.276e+05	1.549e+06
		-9.373e+05	-4.264e+04	0.12	0.0	270.0	-4973.92	-9197.30	-503.06	1483.89	-4.264e+04	-9.373e+05
1	12	3.766e+05	4.665e+05	0.13	0.0	0.0	-5536.29	3533.31	-1621.01	-1.568e+04	4.665e+05	-5.785e+05
		-5.785e+05	-5.742e+04	0.46	0.0	270.0	-5536.29	3533.31	-1621.01	-1.568e+04	-5.742e+04	3.766e+05
1	13	5.010e+05	6.460e+05	-0.29	0.0	0.0	-6418.39	4692.88	-2352.33	1.406e+04	6.460e+05	-7.673e+05
		-7.673e+05	-1.239e+05	0.59	0.0	270.0	-6418.39	4692.88	-2352.33	1.406e+04	-1.239e+05	5.010e+05
1	14	1.555e+06	6.241e+04	0.56	0.0	0.0	-3115.92	-9344.38	-242.53	-1.068e+04	6.241e+04	1.555e+06
		-9.720e+05	-1.891e+04	-0.01	0.0	270.0	-3115.92	-9344.38	-242.53	-1.068e+04	-1.891e+04	-9.720e+05

1	15	1.160e+06	9.588e+04	0.42	0.0	0.0	-3724.97	-6894.62	-380.81	1137.23	9.588e+04	1.160e+06
		-7.032e+05	-3.266e+04	0.09	0.0	270.0	-3724.97	-6894.62	-380.81	1137.23	-3.266e+04	-7.032e+05
1	16	2.832e+05	3.502e+05	0.10	0.0	0.0	-4152.48	2655.01	-1218.50	-1.177e+04	3.502e+05	-4.345e+05
		-4.345e+05	-4.402e+04	0.35	0.0	270.0	-4152.48	2655.01	-1218.50	-1.177e+04	-4.402e+04	2.832e+05
1	17	3.770e+05	4.856e+05	-0.22	0.0	0.0	-4815.27	3527.79	-1776.46	1.055e+04	4.856e+05	-5.765e+05
		-5.765e+05	-9.601e+04	0.44	0.0	270.0	-4815.27	3527.79	-1776.46	1.055e+04	-9.601e+04	3.770e+05
2	1	-941.40	2453.40	-1.12e-03	0.0	0.0	-4602.72	-6.19	-26.02	40.50	2453.40	-941.40
		-2613.41	-4572.99	5.66e-04	0.0	270.0	-3792.72	-6.19	-26.02	40.50	-4572.99	-2613.41
2	2	1527.56	2.042e+04	-4.77e-03	0.0	0.0	-1.167e+04	42.97	-210.82	-153.32	2.042e+04	-1.007e+04
		-1.007e+04	-3.651e+04	4.99e-03	0.0	270.0	-1.167e+04	42.97	-210.82	-153.32	-3.651e+04	1527.56
2	3	967.75	9987.41	-1.65e-03	0.0	0.0	-3946.29	17.25	-110.53	-41.91	9987.41	-3689.01
		-3689.01	-1.986e+04	2.12e-03	0.0	270.0	-3946.29	17.25	-110.53	-41.91	-1.986e+04	967.75
2	4	1552.54	1.474e+04	-2.51e-03	0.0	0.0	-6030.00	26.66	-162.22	-69.41	1.474e+04	-5644.55
		-5644.55	-2.906e+04	3.15e-03	0.0	270.0	-6030.00	26.66	-162.22	-69.41	-2.906e+04	1552.54
2	5	1516.05	7544.83	-9.05e-04	0.0	0.0	-2613.62	-31.16	-87.67	-52.06	7544.83	1516.05
		-6897.19	-1.613e+04	1.48e-03	0.0	270.0	-2613.62	-31.16	-87.67	-52.06	-1.613e+04	-6897.19
2	6	3.995e+06	2.181e+05	1.44	0.0	0.0	6816.72	-2.407e+04	1686.92	-2.661e+04	-2.611e+05	3.995e+06
		-2.512e+06	-2.611e+05	-0.07	0.0	270.0	6816.72	-2.407e+04	1686.92	-2.661e+04	2.181e+05	-2.512e+06
2	7	2.943e+06	1.647e+05	1.05	0.0	0.0	8586.10	-1.761e+04	2010.11	2588.00	-3.830e+05	2.943e+06
		-1.815e+06	-3.830e+05	-0.31	0.0	270.0	8586.10	-1.761e+04	2010.11	2588.00	1.647e+05	-1.815e+06
2	8	1.762e+06	1.160e+06	0.70	0.0	0.0	-1.258e+04	-1.039e+04	-3970.81	-2.982e+04	1.160e+06	1.762e+06
		-1.048e+06	-2.304e+05	1.07	0.0	270.0	-1.258e+04	-1.039e+04	-3970.81	-2.982e+04	-2.304e+05	-1.048e+06
2	9	8.535e+05	9.326e+05	-0.10	0.0	0.0	-1.118e+04	-5209.91	-3398.35	2.449e+04	9.326e+05	8.535e+05
		-5.614e+05	-1.515e+05	0.90	0.0	270.0	-1.118e+04	-5209.91	-3398.35	2.449e+04	-1.515e+05	-5.614e+05
2	10	2.138e+06	1.177e+05	0.77	0.0	0.0	3645.10	-1.291e+04	911.99	-1.453e+04	-1.430e+05	2.138e+06
		-1.353e+06	-1.430e+05	-0.03	0.0	270.0	3645.10	-1.291e+04	911.99	-1.453e+04	1.177e+05	-1.353e+06
2	11	1.571e+06	9.128e+04	0.56	0.0	0.0	4570.87	-9412.87	1087.88	1567.11	-2.057e+05	1.571e+06
		-9.728e+05	-2.057e+05	-0.17	0.0	270.0	4570.87	-9412.87	1087.88	1567.11	9.128e+04	-9.728e+05
2	12	9.543e+05	6.201e+05	0.38	0.0	0.0	-6691.69	-5651.53	-2161.44	-1.642e+04	6.201e+05	9.543e+05
		-5.752e+05	-1.336e+05	0.56	0.0	270.0	-6691.69	-5651.53	-2161.44	-1.642e+04	-1.336e+05	-5.752e+05
2	13	4.978e+05	5.034e+05	-0.06	0.0	0.0	-5991.85	-3029.26	-1847.09	1.351e+04	5.034e+05	4.978e+05
		-3.244e+05	-9.074e+04	0.49	0.0	270.0	-5991.85	-3029.26	-1847.09	1.351e+04	-9.074e+04	-3.244e+05
2	14	1.605e+06	8.850e+04	0.58	0.0	0.0	2733.33	-9694.99	685.90	-1.090e+04	-1.075e+05	1.605e+06
		-1.017e+06	-1.075e+05	-0.02	0.0	270.0	2733.33	-9694.99	685.90	-1.090e+04	8.850e+04	-1.017e+06
2	15	1.177e+06	6.893e+04	0.42	0.0	0.0	3423.44	-7055.84	817.64	1201.79	-1.544e+05	1.177e+06
		-7.297e+05	-1.544e+05	-0.13	0.0	270.0	3423.44	-7055.84	817.64	1201.79	6.893e+04	-7.297e+05
2	16	7.171e+05	4.661e+05	0.28	0.0	0.0	-5019.62	-4250.55	-1632.83	-1.233e+04	4.661e+05	7.171e+05
		-4.334e+05	-1.027e+05	0.42	0.0	270.0	-5019.62	-4250.55	-1632.83	-1.233e+04	-1.027e+05	-4.334e+05
2	17	3.744e+05	3.783e+05	-0.04	0.0	0.0	-4495.22	-2279.92	-1393.27	1.015e+04	3.783e+05	3.744e+05
		-2.445e+05	-7.018e+04	0.37	0.0	270.0	-4495.22	-2279.92	-1393.27	1.015e+04	-7.018e+04	-2.445e+05
3	1	537.15	1583.56	-1.56e-04	0.0	0.0	-4969.48	-8.54	-17.38	-200.81	1583.56	537.15
		-1769.37	-3108.99	3.40e-04	0.0	270.0	-4969.48	-8.54	-17.38	-200.81	-3108.99	-1769.37
3	2	6258.43	6412.23	-4.03e-03	0.0	0.0	-7196.70	63.46	-62.90	-237.88	6412.23	-1.088e+04
		-1.088e+04	-1.057e+04	1.73e-03	0.0	270.0	-7196.70	63.46	-62.90	-237.88	-1.057e+04	6258.43
3	3	1674.64	4167.77	-1.64e-03	0.0	0.0	-1667.72	21.03	-47.21	-11.86	4167.77	-4002.79
		-4002.79	-8578.78	8.54e-04	0.0	270.0	-1667.72	21.03	-47.21	-11.86	-8578.78	1674.64
3	4	2619.57	6060.87	-2.48e-03	0.0	0.0	-2658.17	32.33	-67.99	-21.81	6060.87	-6110.72
		-6110.72	-1.230e+04	1.26e-03	0.0	270.0	-2658.17	32.33	-67.99	-21.81	-1.230e+04	2619.57
3	5	2214.81	7004.50	-6.60e-04	0.0	0.0	-2664.34	-35.45	-80.36	24.24	7004.50	2214.81
		-7356.19	-1.469e+04	1.41e-03	0.0	270.0	-2664.34	-35.45	-80.36	24.24	-1.469e+04	-7356.19
3	6	3.620e+06	2.548e+05	1.29	0.0	0.0	6208.21	-2.179e+04	3357.41	-2.549e+04	-6.603e+05	3.620e+06
		-2.271e+06	-6.603e+05	-0.51	0.0	270.0	6208.21	-2.179e+04	3357.41	-2.549e+04	2.548e+05	-2.271e+06
3	7	2.884e+06	1.827e+05	1.05	0.0	0.0	2883.25	-1.713e+04	2029.58	2706.64	-3.664e+05	2.884e+06
		-1.746e+06	-3.664e+05	-0.24	0.0	270.0	2883.25	-1.713e+04	2029.58	2706.64	1.827e+05	-1.746e+06
3	8	1.351e+06	8.024e+05	0.58	0.0	0.0	-1.247e+04	-7957.43	-2633.19	-2.863e+04	8.024e+05	1.351e+06
		-8.036e+05	-1.482e+05	0.71	0.0	270.0	-1.247e+04	-7957.43	-2633.19	-2.863e+04	-1.482e+05	-8.036e+05
3	9	6.327e+05	1.247e+06	-0.04	0.0	0.0	-1.658e+04	-3898.44	-4625.95	2.462e+04	1.247e+06	6.327e+05
		-4.415e+05	-2.059e+05	1.16	0.0	270.0	-1.658e+04	-3898.44	-4625.95	2.462e+04	-2.059e+05	-4.415e+05
3	10	1.935e+06	1.396e+05	0.69	0.0	0.0	3320.71	-1.168e+04	1809.07	-1.390e+04	-3.545e+05	1.935e+06
		-1.222e+06	-3.545e+05	-0.27	0.0	270.0	3320.71	-1.168e+04	1809.07	-1.390e+04	1.396e+05	-1.222e+06
3	11	1.540e+06	9.815e+04	0.56	0.0	0.0	1534.55	-9163.58	1085.18	1619.40	-1.955e+05	1.540e+06
		-9.370e+05	-1.955e+05	-0.13	0.0	270.0	1534.55	-9163.58	1085.18	1619.40	9.815e+04	-9.370e+05
3	12	7.281e+05	4.413e+05	0.32	0.0	0.0	-6775.98	-4311.58	-1469.79	-1.577e+04	4.413e+05	7.281e+05
		-4.397e+05	-8.034e+04	0.38	0.0	270.0	-6775.98	-4311.58	-1469.79	-1.577e+04	-8.034e+04	-4.397e+05
3	13	3.709e+05	6.652e+05	-0.02	0.0	0.0	-8801.20	-2277.52	-2500.88	1.359e+04	6.652e+05	3.709e+05
		-2.548e+05	-1.245e+05	0.62	0.0	270.0	-8801.20	-2277.52	-2500.88	1.359e+04	-1.245e+05	-2.548e+05
3	14	1.452e+06	1.053e+05	0.52	0.0	0.0	2489.55	-8767.43	1359.37	-1.043e+04	-2.661e+05	1.452e+06
		-9.183e+05	-2.661e+05	-0.21	0.0	270.0	2489.55	-8767.43	1359.37	-1.043e+04	1.053e+05	-9.183e+05
3	15	1.154e+06	7.367e+04	0.42	0.0	0.0	1149.23	-6869.77	813.60	1239.33	-1.465e+05	1.154e+06
		-7.030e+05	-1.465e+05	-0.10	0.0	270.0	1149.23	-6869.77	813.60	1239.33	7.367e+04	-7.030e+05
3	16	5.468e+05	3.312e+05	0.24	0.0	0.0	-5083.19	-3240.21	-1104.57	-1.183e+04	3.312e+05	5.468e+05
		-3.309e+05	-6.067e+04	0.29	0.0	270.0	-5083.19	-3240.21	-1104.57	-1.183e+04	-6.067e+04	-3.309e+05
3	17	2.789e+05	5.000e+05	-0.02	0.0	0.0	-6603.36	-1713.60	-1887.76	1.021e+04	5.000e+05	2.789e+05
		-1.919e+05	-9.665e+04	0.46	0.0	270.0	-6603.36	-1713.60	-1887.76	1.021e+04	-9.665e+04	-1.919e+05
4	1	5275.81	1370.44	-1.12e-03	0.0	0.0	-4975.74	36.95	-17.17	209.93	1370.44	-4700.73
		-4700.73	-3266.74	2.34e-04	0.0	270.0	-4975.74	36.95	-17.17	209.93	-3266.74	5275.81

4	2	1.095e+04	1.562e+04	-5.36e-03	0.0	0.0	-1.215e+04	98.73	-179.08	234.01	1.562e+04	-1.571e+04
		-1.571e+04	-3.273e+04	3.14e-03	0.0	270.0	-1.215e+04	98.73	-179.08	234.01	-3.273e+04	1.095e+04
4	3	2381.33	7812.77	-1.61e-03	0.0	0.0	-3601.64	24.71	-92.80	-5.33	7812.77	-4289.17
		-4289.17	-1.724e+04	1.48e-03	0.0	270.0	-3601.64	24.71	-92.80	-5.33	-1.724e+04	2381.33
4	4	3958.36	1.151e+04	-2.49e-03	0.0	0.0	-5563.98	39.70	-136.32	3.45	1.151e+04	-6760.72
		-6760.72	-2.530e+04	2.19e-03	0.0	270.0	-5563.98	39.70	-136.32	3.45	-2.530e+04	3958.36
4	5	9242.61	6482.15	-9.37e-04	0.0	0.0	-2675.17	55.53	-79.38	36.88	6482.15	-5750.29
		-5750.29	-1.495e+04	1.16e-03	0.0	270.0	-2675.17	55.53	-79.38	36.88	-1.495e+04	9242.61
4	6	3.771e+06	5.087e+05	1.35	0.0	0.0	-6187.85	-2.269e+04	-2099.86	-2.560e+04	5.087e+05	3.771e+06
		-2.362e+06	-9.978e+04	0.45	0.0	270.0	-6187.85	-2.269e+04	-2099.86	-2.560e+04	-9.978e+04	-2.362e+06
4	7	2.969e+06	2.293e+05	1.08	0.0	0.0	-2540.32	-1.766e+04	-931.16	3218.73	2.293e+05	2.969e+06
		-1.803e+06	-3.166e+04	0.17	0.0	270.0	-2540.32	-1.766e+04	-931.16	3218.73	-3.166e+04	-1.803e+06
4	8	5.536e+05	1.279e+06	0.19	0.0	0.0	-1.702e+04	5128.53	-4802.94	-2.957e+04	1.279e+06	-8.331e+05
		-8.331e+05	-2.034e+05	1.18	0.0	270.0	-1.702e+04	5128.53	-4802.94	-2.957e+04	-2.034e+05	5.536e+05
4	9	7.610e+05	9.200e+05	-0.48	0.0	0.0	-1.351e+04	7210.00	-3334.82	2.466e+04	9.200e+05	-1.188e+06
		-1.188e+06	-1.496e+05	0.82	0.0	270.0	-1.351e+04	7210.00	-3334.82	2.466e+04	-1.496e+05	7.610e+05
4	10	2.018e+06	2.743e+05	0.72	0.0	0.0	-3312.25	-1.217e+04	-1145.23	-1.398e+04	2.743e+05	2.018e+06
		-1.273e+06	-5.976e+04	0.24	0.0	270.0	-3312.25	-1.217e+04	-1145.23	-1.398e+04	-5.976e+04	-1.273e+06
4	11	1.585e+06	1.224e+05	0.58	0.0	0.0	-1352.11	-9446.23	-500.05	1885.53	1.224e+05	1.585e+06
		-9.678e+05	-1.860e+04	0.09	0.0	270.0	-1352.11	-9446.23	-500.05	1885.53	-1.860e+04	-9.678e+05
4	12	3.194e+05	6.833e+05	0.11	0.0	0.0	-9040.20	2959.93	-2600.30	-1.634e+04	6.833e+05	-4.810e+05
		-4.810e+05	-1.243e+05	0.63	0.0	270.0	-9040.20	2959.93	-2600.30	-1.634e+04	-1.243e+05	3.194e+05
4	13	4.133e+05	5.004e+05	-0.26	0.0	0.0	-7294.01	3898.20	-1835.33	1.358e+04	5.004e+05	-6.406e+05
		-6.406e+05	-8.849e+04	0.44	0.0	270.0	-7294.01	3898.20	-1835.33	1.358e+04	-8.849e+04	4.133e+05
4	14	1.514e+06	2.060e+05	0.54	0.0	0.0	-2483.17	-9137.92	-862.31	-1.049e+04	2.060e+05	1.514e+06
		-9.568e+05	-4.583e+04	0.18	0.0	270.0	-2483.17	-9137.92	-862.31	-1.049e+04	-4.583e+04	-9.568e+05
4	15	1.188e+06	9.175e+04	0.43	0.0	0.0	-1012.43	-7081.66	-375.28	1439.74	9.175e+04	1.188e+06
		-7.260e+05	-1.425e+04	0.07	0.0	270.0	-1012.43	-7081.66	-375.28	1439.74	-1.425e+04	-7.260e+05
4	16	2.403e+05	5.136e+05	0.08	0.0	0.0	-6781.45	2224.76	-1962.31	-1.228e+04	5.136e+05	-3.613e+05
		-3.613e+05	-9.674e+04	0.47	0.0	270.0	-6781.45	2224.76	-1962.31	-1.228e+04	-9.674e+04	-3.613e+05
4	17	3.111e+05	3.761e+05	-0.20	0.0	0.0	-5473.02	2930.70	-1384.88	1.020e+04	3.761e+05	-4.813e+05
		-4.813e+05	-6.863e+04	0.33	0.0	270.0	-5473.02	2930.70	-1384.88	1.020e+04	-6.863e+04	3.111e+05
5	1	1.438e+04	6552.90	1.66e-03	0.0	0.0	-6608.69	-169.12	35.38	-81.79	-2999.67	1.438e+04
		-3.128e+04	-2999.67	-5.75e-04	0.0	270.0	-6608.69	-169.12	35.38	-81.79	6552.90	-3.128e+04
5	2	3.299e+04	1.373e+04	-1.97e-03	0.0	0.0	-1.485e+04	181.79	58.05	132.17	-1942.51	-1.609e+04
		-1.609e+04	-1942.51	4.28e-03	0.0	270.0	-1.485e+04	181.79	58.05	132.17	1.373e+04	3.299e+04
5	3	884.62	1.143e+04	-7.97e-04	0.0	0.0	-684.31	-22.28	57.00	1.43	-3955.05	884.62
		-5130.70	-3955.05	1.45e-03	0.0	270.0	-684.31	-22.28	57.00	1.43	1.143e+04	-5130.70
5	4	283.40	1.633e+04	-1.09e-03	0.0	0.0	-1702.21	-19.90	80.70	6.25	-5456.97	283.40
		-5088.34	-5456.97	2.25e-03	0.0	270.0	-1702.21	-19.90	80.70	6.25	1.633e+04	-5088.34
5	5	3.374e+04	1.628e+04	4.03e-03	0.0	0.0	-5039.29	-387.49	87.19	23.63	-7257.06	3.374e+04
		-7.088e+04	-7257.06	-1.35e-03	0.0	270.0	-5039.29	-387.49	87.19	23.63	1.628e+04	-7.088e+04
5	6	3.809e+05	1.214e+06	-0.02	0.0	0.0	-3.432e+04	-1900.04	1.233e+04	-3.064e+04	-2.120e+06	3.809e+05
		-2.119e+05	-2.120e+06	-1.40	0.0	270.0	-3.432e+04	-1900.04	1.233e+04	-3.064e+04	-2.119e+05	-2.120e+06
5	7	6.154e+05	8.348e+05	0.32	0.0	0.0	-3.118e+04	-2576.71	8821.71	-4203.19	-1.550e+06	6.154e+05
		-2.007e+05	-1.550e+06	-1.03	0.0	270.0	-3.118e+04	-2576.71	8821.71	-4203.19	8.348e+05	-2.007e+05
5	8	1.631e+06	5.661e+05	0.82	0.0	0.0	-1.171e+04	-7225.66	-3422.21	-2.970e+04	5.661e+05	1.631e+06
		-3.328e+05	-3.602e+05	-0.14	0.0	270.0	-1.171e+04	-7225.66	-3422.21	-2.970e+04	-3.602e+05	-3.328e+05
5	9	2.529e+06	9.674e+05	1.13	0.0	0.0	-6836.39	-1.158e+04	-6028.55	2.666e+04	9.674e+05	2.529e+06
		-6.555e+05	-6.615e+05	0.62	0.0	270.0	-6836.39	-1.158e+04	-6028.55	2.666e+04	-6.615e+05	-6.555e+05
5	10	2.239e+05	6.554e+05	-0.01	0.0	0.0	-1.826e+04	-1116.75	6613.30	-1.664e+04	-1.134e+06	2.239e+05
		-1.192e+05	-1.134e+06	-0.75	0.0	270.0	-1.826e+04	-1116.75	6613.30	-1.664e+04	6.554e+05	-1.192e+05
5	11	3.340e+05	4.489e+05	0.18	0.0	0.0	-1.659e+04	-1447.87	4720.29	-2402.53	-8.278e+05	3.340e+05
		-1.223e+05	-8.278e+05	-0.55	0.0	270.0	-1.659e+04	-1447.87	4720.29	-2402.53	4.489e+05	-1.223e+05
5	12	8.940e+05	3.307e+05	0.46	0.0	0.0	-6223.67	-3973.25	-2004.21	-1.641e+04	3.307e+05	8.940e+05
		-1.868e+05	-2.117e+05	-0.08	0.0	270.0	-6223.67	-3973.25	-2004.21	-1.641e+04	-2.117e+05	-1.868e+05
5	13	1.348e+06	5.191e+05	0.60	0.0	0.0	-3812.32	-6213.49	-3237.08	1.464e+04	5.191e+05	1.348e+06
		-3.681e+05	-3.557e+05	0.33	0.0	270.0	-3812.32	-6213.49	-3237.08	1.464e+04	-3.557e+05	-3.681e+05
5	14	1.686e+05	4.928e+05	-8.38e-03	0.0	0.0	-1.369e+04	-844.23	4965.89	-1.247e+04	-8.511e+05	1.686e+05
		-9.033e+04	-8.511e+05	-0.56	0.0	270.0	-1.369e+04	-844.23	4965.89	-1.247e+04	4.928e+05	-9.033e+04
5	15	2.511e+05	3.369e+05	0.13	0.0	0.0	-1.242e+04	-1096.31	3539.10	-1823.69	-6.204e+05	2.511e+05
		-9.395e+04	-6.204e+05	-0.41	0.0	270.0	-1.242e+04	-1096.31	3539.10	-1823.69	3.369e+05	-9.395e+04
5	16	6.709e+05	2.483e+05	0.34	0.0	0.0	-4667.22	-2983.15	-1505.80	-1.231e+04	2.483e+05	6.709e+05
		-1.409e+05	-1.592e+05	-0.06	0.0	270.0	-4667.22	-2983.15	-1505.80	-1.231e+04	-1.592e+05	-1.409e+05
5	17	1.013e+06	3.900e+05	0.45	0.0	0.0	-2861.17	-4679.35	-2432.97	1.099e+04	3.900e+05	1.013e+06
		-2.810e+05	-2.676e+05	0.25	0.0	270.0	-2861.17	-4679.35	-2432.97	1.099e+04	-2.676e+05	-2.810e+05
6	1	1.149e+04	8506.45	-8.07e-04	0.0	0.0	-7632.72	64.93	47.49	102.07	-4316.65	-6043.05
		-6043.05	-4316.65	-9.24e-04	0.0	270.0	-7632.72	64.93	47.49	102.07	8506.45	-6043.05
6	2	6495.84	2.150e+04	-1.43e-03	0.0	0.0	-2.057e+04	-96.26	134.81	175.39	-1.489e+04	6495.84
		-1.949e+04	-1.489e+04	-4.64e-03	0.0	270.0	-2.057e+04	-96.26	134.81	175.39	2.150e+04	-1.949e+04
6	3	1519.37	1.248e+04	-1.21e-04	0.0	0.0	-602.02	8.74	75.36	-10.20	-7868.36	-841.73
		-841.73	-7868.36	-2.22e-03	0.0	270.0	-602.02	8.74	75.36	-10.20	1.248e+04	1519.37
6	4	1050.98	1.811e+04	-1.76e-04	0.0	0.0	-2030.21	6.97	109.80	-7.51	-1.154e+04	-830.77
		-830.77	-1.154e+04	-3.28e-03	0.0	270.0	-2030.21	6.97	109.80	-7.51	1.811e+04	1050.98
6	5	3.490e+04	1.735e+04	-1.88e-03	0.0	0.0	-4882.84	189.25	98.01	25.62	-9115.36	-1.620e+04
		-1.620e+04	-9115.36	-2.04e-03	0.0	270.0	-4882.84	189.25	98.01	25.62	1.735e+04	3.490e+04

6	6	8.715e+05	1.967e+06	0.42	0.0	0.0	4.173e+04	-4067.92	-1.137e+04	-3.152e+04	1.967e+06	8.715e+05
		-2.624e+05	-1.108e+06	1.29	0.0	270.0	4.173e+04	-4067.92	-1.137e+04	-3.152e+04	-1.108e+06	-2.624e+05
6	7	5.249e+05	1.579e+06	0.24	0.0	0.0	3.158e+04	-2287.07	-9028.78	4952.97	1.579e+06	5.249e+05
		-1.242e+05	-8.620e+05	1.05	0.0	270.0	3.158e+04	-2287.07	-9028.78	4952.97	-8.620e+05	-1.242e+05
6	8	6.541e+05	7.907e+05	-0.77	0.0	0.0	-2.430e+04	9459.78	-4805.92	-2.938e+04	7.907e+05	-1.907e+06
		-1.907e+06	-5.085e+05	0.57	0.0	270.0	-2.430e+04	9459.78	-4805.92	-2.938e+04	-5.085e+05	6.541e+05
6	9	8.986e+05	3.643e+05	-1.09	0.0	0.0	-3.714e+04	1.247e+04	-2225.16	2.689e+04	3.643e+05	-2.491e+06
		-2.491e+06	-2.388e+05	-0.04	0.0	270.0	-3.714e+04	1.247e+04	-2225.16	2.689e+04	-2.388e+05	8.986e+05
6	10	4.693e+05	1.052e+06	0.22	0.0	0.0	2.221e+04	-2216.64	-6098.05	-1.723e+04	1.052e+06	4.693e+05
		-1.513e+05	-5.983e+05	0.69	0.0	270.0	2.221e+04	-2216.64	-6098.05	-1.723e+04	-5.983e+05	-1.513e+05
6	11	2.818e+05	8.436e+05	0.13	0.0	0.0	1.680e+04	-1243.80	-4833.30	2837.19	8.436e+05	2.818e+05
		-7.340e+04	-4.639e+05	0.56	0.0	270.0	1.680e+04	-1243.80	-4833.30	2837.19	-4.639e+05	-7.340e+04
6	12	3.566e+05	4.245e+05	-0.41	0.0	0.0	-1.346e+04	5126.77	-2583.41	-1.624e+04	4.245e+05	-1.032e+06
		-1.032e+06	-2.740e+05	0.31	0.0	270.0	-1.346e+04	5126.77	-2583.41	-1.624e+04	-2.740e+05	3.566e+05
6	13	4.907e+05	2.127e+05	-0.58	0.0	0.0	-1.970e+04	6677.85	-1296.61	1.475e+04	2.127e+05	-1.328e+06
		-1.328e+06	-1.386e+05	-0.02	0.0	270.0	-1.970e+04	6677.85	-1296.61	1.475e+04	-1.386e+05	4.907e+05
6	14	3.525e+05	7.897e+05	0.17	0.0	0.0	1.665e+04	-1669.37	-4579.46	-1.292e+04	7.897e+05	3.525e+05
		-1.152e+05	-4.506e+05	0.51	0.0	270.0	1.665e+04	-1669.37	-4579.46	-1.292e+04	-4.506e+05	-1.152e+05
6	15	2.114e+05	6.322e+05	0.10	0.0	0.0	1.258e+04	-936.02	-3624.14	2157.13	6.322e+05	2.114e+05
		-5.615e+04	-3.482e+05	0.42	0.0	270.0	1.258e+04	-936.02	-3624.14	2157.13	-3.482e+05	-5.615e+04
6	16	2.684e+05	3.188e+05	-0.31	0.0	0.0	-1.010e+04	3849.70	-1941.13	-1.218e+04	3.188e+05	-7.747e+05
		-7.747e+05	-2.061e+05	0.23	0.0	270.0	-1.010e+04	3849.70	-1941.13	-1.218e+04	-2.061e+05	2.684e+05
6	17	3.714e+05	1.599e+05	-0.44	0.0	0.0	-1.478e+04	5024.18	-975.58	1.107e+04	1.599e+05	-9.979e+05
		-9.979e+05	-1.045e+05	-0.02	0.0	270.0	-1.478e+04	5024.18	-975.58	1.107e+04	-1.045e+05	3.714e+05
7	1	5666.94	6065.50	6.48e-04	0.0	0.0	-7696.53	-67.00	28.92	-248.59	-1743.67	5666.94
		-1.242e+04	-1743.67	1.09e-03	0.0	270.0	-7696.53	-67.00	28.92	-248.59	6065.50	-1.242e+04
7	2	4.070e+04	2.409e+04	-2.67e-03	0.0	0.0	-2.136e+04	227.93	110.69	-543.19	-5795.03	-2.084e+04
		-2.084e+04	-5795.03	5.35e-03	0.0	270.0	-2.136e+04	227.93	110.69	-543.19	2.409e+04	4.070e+04
7	3	7471.23	1.423e+04	-8.41e-04	0.0	0.0	-759.27	45.83	71.88	-3.76	-5176.11	-4903.80
		-4903.80	-5176.11	1.58e-03	0.0	270.0	-759.27	45.83	71.88	-3.76	1.423e+04	7471.23
7	4	1.244e+04	2.057e+04	-1.30e-03	0.0	0.0	-2285.68	75.17	103.24	-55.19	-7301.55	-7852.90
		-7852.90	-7301.55	2.45e-03	0.0	270.0	-2285.68	75.17	103.24	-55.19	2.057e+04	1.244e+04
7	5	1.591e+04	1.482e+04	1.70e-03	0.0	0.0	-4970.80	-195.70	78.95	-243.50	-6492.49	1.591e+04
		-3.693e+04	-6492.49	-1.18e-03	0.0	270.0	-4970.80	-195.70	78.95	-243.50	1.482e+04	-3.693e+04
7	6	9.791e+05	1.116e+06	0.46	0.0	0.0	-3.958e+04	-4494.78	1.146e+04	-3.835e+04	-1.985e+06	9.791e+05
		-2.784e+05	-1.985e+06	-1.30	0.0	270.0	-3.958e+04	-4494.78	1.146e+04	-3.835e+04	-1.116e+06	-2.784e+05
7	7	5.949e+05	8.580e+05	0.26	0.0	0.0	-2.946e+04	-2542.54	9041.03	-1.119e+04	-1.587e+06	5.949e+05
		-1.330e+05	-1.587e+06	-1.06	0.0	270.0	-2.946e+04	-2542.54	9041.03	-1.119e+04	-1.330e+05	-1.587e+06
7	8	2.501e+06	4.316e+05	1.10	0.0	0.0	-3.542e+04	-1.245e+04	-2570.21	-3.125e+04	4.316e+05	2.501e+06
		-8.829e+05	-2.638e+05	-0.08	0.0	270.0	-3.542e+04	-1.245e+04	-2570.21	-3.125e+04	-2.638e+05	-8.829e+05
7	9	2.013e+06	7.549e+05	0.82	0.0	0.0	-2.334e+04	-1.003e+04	-4577.76	2.571e+04	7.549e+05	2.013e+06
		-7.136e+05	-4.823e+05	0.53	0.0	270.0	-2.334e+04	-1.003e+04	-4577.76	2.571e+04	-4.823e+05	-7.136e+05
7	10	5.269e+05	6.037e+05	0.25	0.0	0.0	-2.107e+04	-2447.73	6153.94	-2.084e+04	6.037e+05	5.269e+05
		-1.612e+05	-1.062e+06	-0.69	0.0	270.0	-2.107e+04	-2447.73	6153.94	-2.084e+04	-1.062e+06	-1.612e+05
7	11	3.193e+05	4.618e+05	0.14	0.0	0.0	-1.567e+04	-1383.32	4840.30	-6145.91	-8.476e+05	3.193e+05
		-7.938e+04	-8.476e+05	-0.57	0.0	270.0	-1.567e+04	-1383.32	4840.30	-6145.91	-8.476e+05	-7.938e+04
7	12	1.335e+06	2.518e+05	0.59	0.0	0.0	-3.542e+04	-1.245e+04	-2570.21	-3.125e+04	2.518e+05	1.335e+06
		-4.823e+05	-1.540e+05	-0.05	0.0	270.0	-3.542e+04	-1.245e+04	-2570.21	-3.125e+04	-1.540e+05	-4.823e+05
7	13	1.087e+06	4.039e+05	0.44	0.0	0.0	-1.281e+04	-5435.47	-2452.55	1.418e+04	4.039e+05	1.087e+06
		-3.919e+05	-2.592e+05	0.29	0.0	270.0	-1.281e+04	-5435.47	-2452.55	1.418e+04	-2.592e+05	-3.919e+05
7	14	3.957e+05	4.542e+05	0.19	0.0	0.0	-1.580e+04	-1842.94	4622.51	-1.563e+04	4.542e+05	3.957e+05
		-1.228e+05	-7.975e+05	-0.52	0.0	270.0	-1.580e+04	-1842.94	4622.51	-1.563e+04	-7.975e+05	-1.228e+05
7	15	2.395e+05	3.467e+05	0.10	0.0	0.0	-1.174e+04	-1040.82	3629.51	-4633.00	-6.353e+05	2.395e+05
		-6.079e+04	-6.353e+05	-0.43	0.0	270.0	-1.174e+04	-1040.82	3629.51	-4633.00	-6.079e+04	-6.353e+05
7	16	1.002e+06	1.891e+05	0.44	0.0	0.0	-1.411e+04	-5018.80	-1126.90	-1.293e+04	1.891e+05	1.002e+06
		-3.648e+05	-1.158e+05	-0.04	0.0	270.0	-1.411e+04	-5018.80	-1126.90	-1.293e+04	-1.158e+05	-3.648e+05
7	17	8.165e+05	3.034e+05	0.33	0.0	0.0	-9618.03	-4088.35	-1843.56	1.065e+04	3.034e+05	8.165e+05
		-2.964e+05	-1.950e+05	0.22	0.0	270.0	-9618.03	-4088.35	-1843.56	1.065e+04	-1.950e+05	-2.964e+05
8	1	3.321e+04	7887.98	-1.96e-03	0.0	0.0	-6561.21	182.71	47.92	43.18	-5050.53	-1.613e+04
		-1.613e+04	-5050.53	-1.44e-03	0.0	270.0	-6561.21	182.71	47.92	43.18	7887.98	3.321e+04
8	2	2756.96	3.806e+04	-3.58e-03	0.0	0.0	-1.537e+04	-86.06	228.98	-288.81	-2.377e+04	2756.96
		-2.048e+04	-2.377e+04	-6.63e-03	0.0	270.0	-1.537e+04	-86.06	228.98	-288.81	-2.048e+04	-2.377e+04
8	3	9877.10	2.005e+04	-8.59e-04	0.0	0.0	-946.52	57.71	117.05	-42.04	-1.156e+04	-5704.71
		-5704.71	-1.156e+04	-2.94e-03	0.0	270.0	-946.52	57.71	117.05	-42.04	-1.156e+04	-5704.71
8	4	1.233e+04	2.948e+04	-1.24e-03	0.0	0.0	-2091.81	73.98	172.46	-68.79	-1.708e+04	-7647.98
		-7647.98	-1.708e+04	-4.38e-03	0.0	270.0	-2091.81	73.98	172.46	-68.79	-1.233e+04	-2.948e+04
8	5	7.227e+04	1.823e+04	-4.11e-03	0.0	0.0	-5062.92	395.12	103.90	-23.21	-9822.06	-3.441e+04
		-3.441e+04	-9822.06	-2.28e-03	0.0	270.0	-5062.92	395.12	103.90	-23.21	-1.823e+04	-7.227e+04
8	6	4.078e+05	2.187e+06	-0.04	0.0	0.0	3.419e+04	-2109.67	-1.274e+04	-3.092e+04	2.187e+06	4.078e+05
		-2.151e+05	-1.260e+06	1.44	0.0	270.0	3.419e+04	-2109.67	-1.274e+04	-3.092e+04	-2.151e+05	-1.260e+06
8	7	5.617e+05	1.590e+06	0.32	0.0	0.0	3.102e+04	-2408.55	-9040.21	-4047.56	1.590e+06	5.617e+05
		-1.932e+05	-8.545e+05	1.05	0.0	270.0	3.102e+04	-2408.55	-9040.21	-4047.56	-8.545e+05	-1.932e+05
8	8	7.051e+05	1.063e+06	-1.16	0.0	0.0	-7401.98	1.208e+04	-6626.64	-3.120e+04	1.063e+06	7.051e+05
		-2.616e+06	-7.280e+05	0.69	0.0	270.0	-7401.98	1.208e+04	-6626.64	-3.120e+04	-7.280e+05	-2.616e+06
8	9	4.360e+05	4.867e+05	-0.86	0.0	0.0	-1.139e+04	8035.37	-2992.67	2.560e+04	4.867e+05	-1.774e+06
		-1.774e+06	-3.244e+05	-0.08	0.0	270.0	-1.139e+04	8035.37	-2992.67	2.560e+04	-3.244e+05	-1.774e+06

8	10	2.365e+05	1.171e+06	-0.02	0.0	0.0	1.819e+04	-1214.87	-6843.49	-1.679e+04	1.171e+06	2.365e+05
		-1.200e+05	-6.812e+05	0.77	0.0	270.0	1.819e+04	-1214.87	-6843.49	-1.679e+04	-6.812e+05	-1.200e+05
8	11	3.054e+05	8.488e+05	0.17	0.0	0.0	1.650e+04	-1357.46	-4837.17	-2325.84	8.488e+05	3.054e+05
		-1.178e+05	-4.595e+05	0.56	0.0	270.0	1.650e+04	-1357.46	-4837.17	-2325.84	-4.595e+05	-1.178e+05
8	12	3.966e+05	5.738e+05	-0.62	0.0	0.0	-4156.62	6492.28	-3580.68	-1.719e+04	5.738e+05	1.396e+06
		-1.396e+06	-3.942e+05	0.37	0.0	270.0	-4156.62	6492.28	-3580.68	-1.719e+04	-3.942e+05	3.966e+05
8	13	2.478e+05	2.854e+05	-0.47	0.0	0.0	-6040.94	4402.88	-1757.00	1.413e+04	2.854e+05	-9.667e+05
		-9.667e+05	-1.906e+05	-0.05	0.0	270.0	-6040.94	4402.88	-1757.00	1.413e+04	-1.906e+05	2.478e+05
8	14	1.780e+05	8.789e+05	-0.02	0.0	0.0	1.363e+04	-917.00	-5139.79	-1.259e+04	8.789e+05	1.780e+05
		-9.087e+04	-5.123e+05	0.58	0.0	270.0	1.363e+04	-917.00	-5139.79	-1.259e+04	-5.123e+05	-9.087e+04
8	15	2.298e+05	6.361e+05	0.13	0.0	0.0	1.236e+04	-1028.58	-3626.68	-1767.58	6.361e+05	2.298e+05
		-9.046e+04	-3.449e+05	0.42	0.0	270.0	1.236e+04	-1028.58	-3626.68	-1767.58	-3.449e+05	-9.046e+04
8	16	3.027e+05	4.312e+05	-0.46	0.0	0.0	-3118.90	4889.33	-2692.11	-1.290e+04	4.312e+05	-1.049e+06
		-1.049e+06	-2.967e+05	0.28	0.0	270.0	-3118.90	4889.33	-2692.11	-1.290e+04	-2.967e+05	3.027e+05
8	17	1.889e+05	2.146e+05	-0.36	0.0	0.0	-4531.91	3314.08	-1322.33	1.061e+04	2.146e+05	-7.263e+05
		-7.263e+05	-1.437e+05	-0.03	0.0	270.0	-4531.91	3314.08	-1322.33	1.061e+04	-1.437e+05	1.889e+05
9	1	1943.11	3911.24	-1.68e-04	0.0	0.0	-1.417e+04	12.80	-51.61	-130.13	3911.24	-1512.08
		-1512.08	-1.002e+04	-6.98e-04	0.0	270.0	-1.316e+04	12.80	-51.61	-130.13	-1.002e+04	1943.11
9	2	5.372e+04	5.222e+04	-2.07e-03	0.0	0.0	-3.553e+04	303.63	311.82	-360.12	-3.197e+04	-2.826e+04
		-2.826e+04	-3.197e+04	-6.98e-03	0.0	270.0	-3.553e+04	303.63	311.82	-360.12	5.222e+04	5.372e+04
9	3	1.107e+04	2.136e+04	-3.61e-04	0.0	0.0	-1786.96	60.97	126.27	-14.88	-1.274e+04	-5391.01
		-5391.01	-1.274e+04	-2.70e-03	0.0	270.0	-1786.96	60.97	126.27	-14.88	2.136e+04	1.107e+04
9	4	1.852e+04	3.206e+04	-6.21e-04	0.0	0.0	-4424.62	102.56	189.76	-39.52	-1.918e+04	-9165.14
		-9165.14	-1.918e+04	-4.08e-03	0.0	270.0	-4424.62	102.56	189.76	-39.52	3.206e+04	1.852e+04
9	5	2.350e+04	8318.10	1.54e-03	0.0	0.0	-6101.11	-269.89	-100.72	-13.94	8318.10	2.350e+04
		-4.937e+04	-1.888e+04	1.22e-03	0.0	270.0	-6101.11	-269.89	-100.72	-13.94	-1.888e+04	-4.937e+04
9	6	1.859e+06	2.302e+06	0.42	0.0	0.0	-2396.02	-9789.84	-1.362e+04	-2.713e+04	2.302e+06	1.859e+06
		-8.053e+05	-1.382e+06	1.18	0.0	270.0	-2396.02	-9789.84	-1.362e+04	-2.713e+04	-1.382e+06	-8.053e+05
9	7	1.159e+06	2.001e+06	0.24	0.0	0.0	1072.76	-6013.77	-1.170e+04	-1.904e+04	2.001e+06	1.159e+06
		-4.756e+05	-1.164e+06	1.04	0.0	270.0	1072.76	-6013.77	-1.170e+04	-1.904e+04	-1.164e+06	-4.756e+05
9	8	1.210e+06	7.449e+05	-0.78	0.0	0.0	1.671e+04	1.792e+04	-4393.21	-4.149e+04	7.449e+05	-3.643e+06
		-3.643e+06	-4.439e+05	0.46	0.0	270.0	1.671e+04	1.792e+04	-4393.21	-4.149e+04	-4.439e+05	1.210e+06
9	9	1.751e+06	3.744e+05	-1.08	0.0	0.0	2.044e+04	2.410e+04	-2125.39	3.567e+04	3.744e+05	-4.800e+06
		-4.800e+06	-2.069e+05	0.08	0.0	270.0	2.044e+04	2.410e+04	-2125.39	3.567e+04	-2.069e+05	1.751e+06
9	10	9.985e+05	1.233e+06	0.22	0.0	0.0	-1331.55	-5290.17	-7318.57	-1.456e+04	1.233e+06	9.985e+05
		-4.435e+05	-7.479e+05	0.63	0.0	270.0	-1331.55	-5290.17	-7318.57	-1.456e+04	-7.479e+05	-4.435e+05
9	11	6.207e+05	1.070e+06	0.13	0.0	0.0	621.04	-3237.75	-6279.95	-1.116e+04	1.070e+06	6.207e+05
		-2.608e+05	-6.291e+05	0.56	0.0	270.0	621.04	-3237.75	-6279.95	-1.116e+04	-6.291e+05	-2.608e+05
9	12	6.632e+05	3.992e+05	-0.42	0.0	0.0	9002.09	9732.29	-2364.33	-2.287e+04	3.992e+05	-1.974e+06
		-1.974e+06	-2.409e+05	0.25	0.0	270.0	9002.09	9732.29	-2364.33	-2.287e+04	-2.409e+05	6.632e+05
9	13	9.545e+05	2.141e+05	-0.57	0.0	0.0	1.087e+04	1.291e+04	-1226.46	1.965e+04	2.141e+05	-2.559e+06
		-2.559e+06	-1.209e+05	0.04	0.0	270.0	1.087e+04	1.291e+04	-1226.46	1.965e+04	-1.209e+05	9.545e+05
9	14	7.498e+05	9.259e+05	0.17	0.0	0.0	-1005.94	-3977.78	-5498.54	-1.092e+04	9.259e+05	7.498e+05
		-3.349e+05	-5.628e+05	0.47	0.0	270.0	-1005.94	-3977.78	-5498.54	-1.092e+04	-5.628e+05	-3.349e+05
9	15	4.655e+05	8.025e+05	0.10	0.0	0.0	473.40	-2431.11	-4711.51	-8534.39	8.025e+05	4.655e+05
		-1.966e+05	-4.726e+05	0.42	0.0	270.0	473.40	-2431.11	-4711.51	-8534.39	-4.726e+05	-1.966e+05
9	16	4.993e+05	2.999e+05	-0.31	0.0	0.0	6753.42	7308.37	-1777.32	-1.717e+04	2.999e+05	-1.974e+06
		-1.482e+06	-1.814e+05	0.19	0.0	270.0	6753.42	7308.37	-1777.32	-1.717e+04	-1.814e+05	4.993e+05
9	17	7.222e+05	1.610e+05	-0.43	0.0	0.0	8161.08	9709.63	-923.18	1.475e+04	1.610e+05	-1.923e+06
		-1.923e+06	-9.122e+04	0.03	0.0	270.0	8161.08	9709.63	-923.18	1.475e+04	-9.122e+04	7.222e+05
10	1	1629.96	7069.17	-6.77e-04	0.0	0.0	-2187.92	10.99	-80.79	10.76	7069.17	-1338.63
		-1338.63	-1.474e+04	1.90e-03	0.0	270.0	-2187.92	10.99	-80.79	10.76	-1.474e+04	1629.96
10	2	3570.41	4.520e+04	-4.65e-03	0.0	0.0	-1.003e+04	33.97	-512.94	88.34	4.520e+04	-5602.61
		-5602.61	-9.330e+04	0.01	0.0	270.0	-1.003e+04	33.97	-512.94	88.34	-9.330e+04	3570.41
10	3	4414.40	1.528e+04	-1.70e-03	0.0	0.0	-3820.12	29.32	-175.71	-2.38	1.528e+04	-3501.16
		-3501.16	-3.216e+04	4.07e-03	0.0	270.0	-3820.12	29.32	-175.71	-2.38	-3.216e+04	4414.40
10	4	6220.31	2.335e+04	-2.58e-03	0.0	0.0	-5758.37	41.93	-268.07	0.30	2.335e+04	-5101.19
		-5101.19	-4.903e+04	6.24e-03	0.0	270.0	-5758.37	41.93	-268.07	0.30	-4.903e+04	6220.31
10	5	2819.11	5335.16	-6.16e-04	0.0	0.0	129.59	16.78	30.08	19.79	-2785.18	-1710.27
		-1710.27	-2785.18	-8.22e-04	0.0	270.0	129.59	16.78	30.08	19.79	5335.16	2819.11
10	6	1.976e+06	3.825e+05	1.24	0.0	0.0	-2378.63	-1.451e+04	2629.70	-1.423e+04	-3.330e+05	1.976e+06
		-1.941e+06	-3.330e+05	-0.19	0.0	270.0	-2378.63	-1.451e+04	2629.70	-1.423e+04	3.825e+05	-1.941e+06
10	7	1.688e+06	2.875e+05	1.07	0.0	0.0	-2399.29	-1.236e+04	1496.23	1888.97	-1.182e+05	1.688e+06
		-1.649e+06	-1.182e+05	0.04	0.0	270.0	-2399.29	-1.236e+04	1496.23	1888.97	2.875e+05	-1.649e+06
10	8	3.516e+05	7.773e+05	0.24	0.0	0.0	-2615.44	-2533.18	-3647.36	-1.336e+04	7.773e+05	3.516e+05
		3.383e+05	-2.122e+05	0.81	0.0	270.0	-2615.44	-2533.18	-3647.36	-1.336e+04	-2.122e+05	3.383e+05
10	9	4.783e+05	1.112e+06	-0.20	0.0	0.0	-2842.29	3219.14	-5411.66	1.263e+04	1.112e+06	-3.929e+05
		-3.929e+05	-3.501e+05	1.13	0.0	270.0	-2842.29	3219.14	-5411.66	1.263e+04	-3.501e+05	4.783e+05
10	10	1.054e+06	2.039e+05	0.66	0.0	0.0	-1267.49	-7738.40	1406.48	-7840.95	-1.293e+05	1.054e+06
		-1.035e+06	-1.793e+05	-0.11	0.0	270.0	-1267.49	-7738.40	1406.48	-7840.95	2.039e+05	-1.035e+06
10	11	9.003e+05	1.530e+05	0.57	0.0	0.0	-1277.50	-6589.19	796.56	1110.29	-6.300e+04	9.003e+05
		-8.788e+05	-6.300e+04	0.02	0.0	270.0	-1277.50	-6589.19	796.56	1110.29	1.530e+05	-8.788e+05
10	12	1.989e+05	4.236e+05	0.13	0.0	0.0	-1398.33	-1446.04	-1996.35	-7410.92	4.236e+05	1.989e+05
		1.946e+05	-1.181e+05	0.44	0.0	270.0	-1398.33	-1446.04	-1996.35	-7410.92	-1.181e+05	1.946e+05
10	13	2.571e+05	5.917e+05	-0.11	0.0	0.0	-1517.14	1738.50	-2879.19	6932.37	5.917e+05	-2.135e+05
		-2.135e+05	-1.866e+05	0.60	0.0	270.0	-1517.14	1738.50	-2879.19	6932.37	-1.866e+05	2.571e+05

10	14	7.910e+05	1.529e+05	0.50	0.0	0.0	-950.40	-5804.51	1054.79	-5882.14	-1.345e+05	7.910e+05
		-7.763e+05	-1.345e+05	-0.08	0.0	270.0	-950.40	-5804.51	1054.79	-5882.14	1.529e+05	-7.763e+05
10	15	6.746e+05	1.146e+05	0.43	0.0	0.0	-956.78	-4936.49	596.59	850.51	-4.720e+04	6.746e+05
		-6.583e+05	-4.720e+04	0.02	0.0	270.0	-956.78	-4936.49	596.59	850.51	1.146e+05	-6.583e+05
10	16	1.493e+05	3.178e+05	0.10	0.0	0.0	-1048.97	-1085.38	-1498.06	-5567.27	3.178e+05	1.493e+05
		1.460e+05	-8.863e+04	0.33	0.0	270.0	-1048.97	-1085.38	-1498.06	-5567.27	-8.863e+04	1.460e+05
10	17	1.930e+05	4.442e+05	-0.08	0.0	0.0	-1138.68	1305.06	-2162.19	5209.39	4.442e+05	-1.603e+05
		-1.603e+05	-1.402e+05	0.45	0.0	270.0	-1138.68	1305.06	-2162.19	5209.39	-1.402e+05	1.930e+05
11	1	-393.47	5216.58	-7.05e-04	0.0	0.0	-3239.29	5.69e-03	-60.46	-54.29	5216.58	-395.01
		-395.01	-1.111e+04	1.37e-03	0.0	270.0	-2631.79	5.69e-03	-60.46	-54.29	-1.111e+04	-393.47
11	2	2611.55	5.543e+04	-5.00e-03	0.0	0.0	-5892.58	29.77	-631.00	-72.44	5.543e+04	-5425.25
		-5425.25	-1.149e+05	0.02	0.0	270.0	-5892.58	29.77	-631.00	-72.44	-1.149e+05	2611.55
11	3	76.03	2.196e+04	-1.70e-03	0.0	0.0	-2220.33	5.67	-250.56	35.08	2.196e+04	-1453.54
		-1453.54	-4.569e+04	5.93e-03	0.0	270.0	-2220.33	5.67	-250.56	35.08	-4.569e+04	76.03
11	4	261.60	3.299e+04	-2.62e-03	0.0	0.0	-3349.36	9.50	-376.30	34.27	3.299e+04	-2302.54
		-2302.54	-6.861e+04	8.91e-03	0.0	270.0	-3349.36	9.50	-376.30	34.27	-6.861e+04	261.60
11	5	-58.71	3718.68	-7.15e-04	0.0	0.0	-3503.50	-3.86	21.59	-79.32	-2111.58	-58.71
		-1100.79	-2111.58	-7.03e-04	0.0	270.0	-3503.50	-3.86	21.59	-79.32	3718.68	-1100.79
11	6	1.985e+06	6.034e+04	1.25	0.0	0.0	-1867.18	-1.457e+04	-412.03	1.061e+05	6.034e+04	1.985e+06
		-1.951e+06	-5.111e+04	0.04	0.0	270.0	-1867.18	-1.457e+04	-412.03	1.061e+05	-5.111e+04	-1.951e+06
11	7	1.710e+06	3.981e+04	1.07	0.0	0.0	-1783.21	-1.258e+04	-276.50	7.748e+04	3.981e+04	1.710e+06
		-1.687e+06	-3.501e+04	0.03	0.0	270.0	-1783.21	-1.258e+04	-276.50	7.748e+04	-3.501e+04	-1.687e+06
11	8	3.629e+05	1.247e+06	0.24	0.0	0.0	-3350.61	-2591.43	-8089.39	-1.700e+04	1.247e+06	3.629e+05
		-3.374e+05	-9.375e+05	0.95	0.0	270.0	-3350.61	-2591.43	-8089.39	-1.700e+04	-9.375e+05	-3.374e+05
11	9	3.368e+05	1.276e+06	-0.20	0.0	0.0	-3408.89	2463.73	-8274.66	1.451e+04	1.276e+06	3.368e+05
		-3.289e+05	-9.579e+05	0.97	0.0	270.0	-3408.89	2463.73	-8274.66	1.451e+04	-9.579e+05	-3.289e+05
11	10	1.059e+06	3.226e+04	0.67	0.0	0.0	-993.57	-7777.23	-220.28	6.236e+04	3.226e+04	1.059e+06
		-1.041e+06	-2.733e+04	0.02	0.0	270.0	-993.57	-7777.23	-220.28	6.236e+04	-2.733e+04	-1.041e+06
11	11	9.119e+05	2.120e+04	0.57	0.0	0.0	-948.35	-6705.27	-147.24	4.558e+04	2.120e+04	9.119e+05
		-8.988e+05	-1.864e+04	0.01	0.0	270.0	-948.35	-6705.27	-147.24	4.558e+04	-1.864e+04	-8.988e+05
11	12	2.026e+05	6.669e+05	0.13	0.0	0.0	-1792.44	-1450.92	-4327.65	-9400.26	6.669e+05	2.026e+05
		-1.895e+05	-5.016e+05	0.51	0.0	270.0	-1792.44	-1450.92	-4327.65	-9400.26	-5.016e+05	-1.895e+05
11	13	1.839e+05	6.822e+05	-0.11	0.0	0.0	-1827.44	1349.79	-4424.09	8010.88	6.822e+05	-1.808e+05
		-1.808e+05	-5.123e+05	0.52	0.0	270.0	-1827.44	1349.79	-4424.09	8010.88	-5.123e+05	-1.808e+05
11	14	7.946e+05	2.423e+04	0.50	0.0	0.0	-744.81	-5833.62	-165.46	4.683e+04	2.423e+04	7.946e+05
		-7.808e+05	-2.052e+04	0.02	0.0	270.0	-744.81	-5833.62	-165.46	4.683e+04	-2.052e+04	-7.808e+05
11	15	6.832e+05	1.589e+04	0.43	0.0	0.0	-710.08	-5023.08	-110.32	3.490e+04	1.589e+04	6.832e+05
		-6.733e+05	-1.397e+04	0.01	0.0	270.0	-710.08	-5023.08	-110.32	3.490e+04	-1.397e+04	-6.733e+05
11	16	1.521e+05	5.005e+05	0.10	0.0	0.0	-1345.68	-1089.16	-3247.98	-7074.68	5.005e+05	1.521e+05
		-1.422e+05	-3.765e+05	0.38	0.0	270.0	-1345.68	-1089.16	-3247.98	-7074.68	-3.765e+05	-1.422e+05
11	17	1.380e+05	5.122e+05	-0.08	0.0	0.0	-1372.98	1013.39	-3321.77	6028.43	5.122e+05	-1.358e+05
		-1.358e+05	-3.847e+05	0.39	0.0	270.0	-1372.98	1013.39	-3321.77	6028.43	-3.847e+05	-1.358e+05
12	1	1.024e+04	1.503e+04	-6.41e-04	0.0	0.0	-1.317e+04	56.88	85.74	787.04	-8117.62	-5121.90
		-5121.90	-8117.62	-1.89e-03	0.0	270.0	-1.236e+04	56.88	85.74	787.04	1.503e+04	1.024e+04
12	2	1.373e+05	1.155e+04	-8.51e-03	0.0	0.0	-3.801e+04	761.38	-173.93	1950.78	1.155e+04	-6.830e+04
		-6.830e+04	-3.541e+04	-5.13e-03	0.0	270.0	-3.801e+04	761.38	-173.93	1950.78	-3.541e+04	-6.830e+04
12	3	5.296e+04	973.36	-3.13e-03	0.0	0.0	-2948.45	291.29	-26.10	-29.83	973.36	-2.569e+04
		-2.569e+04	-6072.29	-1.79e-03	0.0	270.0	-2948.45	291.29	-26.10	-29.83	-6072.29	5.296e+04
12	4	7.991e+04	1932.97	-4.74e-03	0.0	0.0	-6148.25	439.95	-44.98	168.66	1932.97	-3.887e+04
		-3.887e+04	-1.021e+04	-2.74e-03	0.0	270.0	-6148.25	439.95	-44.98	168.66	-1.021e+04	-3.887e+04
12	5	6940.61	3.660e+04	9.43e-04	0.0	0.0	-5812.07	-73.98	205.67	1074.57	-1.893e+04	6940.61
		-1.303e+04	-1.893e+04	-4.13e-03	0.0	270.0	-5812.07	-73.98	205.67	1074.57	3.660e+04	-1.303e+04
12	6	3.643e+05	1.715e+06	0.19	0.0	0.0	1.169e+04	-1363.08	-8970.68	2.920e+04	1.715e+06	3.643e+05
		3.266e+05	-7.367e+05	1.25	0.0	270.0	1.169e+04	-1363.08	-8970.68	2.920e+04	-7.367e+05	3.266e+05
12	7	4.543e+05	1.390e+06	0.30	0.0	0.0	8097.13	-1315.40	-6984.48	4.632e+04	1.390e+06	4.543e+05
		2.495e+05	-5.213e+05	1.04	0.0	270.0	8097.13	-1315.40	-6984.48	4.632e+04	-5.213e+05	2.495e+05
12	8	1.025e+06	8.407e+05	-0.97	0.0	0.0	1.887e+04	1.266e+04	-5691.46	-3.194e+04	8.407e+05	-2.416e+06
		-2.416e+06	-7.007e+05	0.51	0.0	270.0	1.887e+04	1.266e+04	-5691.46	-3.194e+04	-7.007e+05	-2.416e+06
12	9	8.858e+05	4.281e+05	-0.94	0.0	0.0	1.478e+04	1.128e+04	-3155.68	2.474e+04	4.281e+05	-2.187e+06
		-2.187e+06	-4.350e+05	0.06	0.0	270.0	1.478e+04	1.128e+04	-3155.68	2.474e+04	-4.350e+05	-2.187e+06
12	10	1.976e+05	9.203e+05	0.10	0.0	0.0	6224.14	-795.93	-4855.04	1.701e+04	9.203e+05	1.810e+05
		1.810e+05	-4.094e+05	0.67	0.0	270.0	6224.14	-795.93	-4855.04	1.701e+04	-4.094e+05	1.810e+05
12	11	2.451e+05	7.454e+05	0.16	0.0	0.0	4310.82	-761.11	-3775.30	2.554e+04	7.454e+05	2.451e+05
		1.385e+05	-2.909e+05	0.55	0.0	270.0	4310.82	-761.11	-3775.30	2.554e+04	-2.909e+05	1.385e+05
12	12	5.590e+05	4.493e+05	-0.51	0.0	0.0	1.003e+04	6797.84	-3040.43	-1.752e+04	4.493e+05	-1.292e+06
		-1.292e+06	-3.745e+05	0.28	0.0	270.0	1.003e+04	6797.84	-3040.43	-1.752e+04	-3.745e+05	-1.292e+06
12	13	4.893e+05	2.426e+05	-0.50	0.0	0.0	7991.30	6101.13	-1760.99	1.366e+04	2.426e+05	-1.176e+06
		-1.176e+06	-2.390e+05	0.03	0.0	270.0	7991.30	6101.13	-1760.99	1.366e+04	-2.390e+05	-1.176e+06
12	14	1.487e+05	6.912e+05	0.07	0.0	0.0	4665.77	-605.40	-3652.86	1.299e+04	6.912e+05	1.365e+05
		1.365e+05	-3.097e+05	0.50	0.0	270.0	4665.77	-605.40	-3652.86	1.299e+04	-3.097e+05	1.365e+05
12	15	1.841e+05	5.591e+05	0.12	0.0	0.0	3228.39	-579.56	-2836.66	1.929e+04	5.591e+05	1.841e+05
		1.046e+05	-2.200e+05	0.41	0.0	270.0	3228.39	-579.56	-2836.66	1.929e+04	-2.200e+05	1.046e+05
12	16	4.226e+05	3.374e+05	-0.39	0.0	0.0	7526.71	5113.62	-2284.07	-1.316e+04	3.374e+05	-9.705e+05
		-9.705e+05	-2.814e+05	0.21	0.0	270.0	7526.71	5113.62	-2284.07	-1.316e+04	-2.814e+05	-9.705e+05
12	17	3.707e+05	1.823e+05	-0.38	0.0	0.0	5998.47	4592.83	-1323.07	1.026e+04	1.823e+05	-8.837e+05
		-8.837e+05	-1.796e+05	0.02	0.0	270.0	5998.47	4592.83	-1323.07	1.026e+04	-1.796e+05	-8.837e+05

13	1	1.661e+04	2144.15	-1.10e-03	0.0	0.0	-1.082e+04	93.14	9.24	-94.60	-349.96	-8541.61
		-8541.61	-349.96	6.26e-04	0.0	270.0	-1.001e+04	93.14	9.24	-94.60	2144.15	1.661e+04
13	2	1.193e+04	7.711e+04	1.19e-03	0.0	0.0	-2.411e+04	-152.26	406.40	-42.05	-3.262e+04	1.193e+04
		-2.918e+04	-3.262e+04	-5.64e-03	0.0	270.0	-2.411e+04	-152.26	406.40	-42.05	7.711e+04	-2.918e+04
13	3	-109.14	3.330e+04	-7.65e-04	0.0	0.0	-2268.93	-10.38	177.34	15.30	-1.458e+04	-109.14
		-2912.30	-1.458e+04	-2.64e-03	0.0	270.0	-2268.93	-10.38	177.34	15.30	3.330e+04	-2912.30
13	4	692.08	4.982e+04	-1.10e-03	0.0	0.0	-4367.10	-24.65	265.00	28.02	-2.173e+04	692.08
		-5963.71	-2.173e+04	-3.92e-03	0.0	270.0	-4367.10	-24.65	265.00	28.02	4.982e+04	-5963.71
13	5	4.917e+04	9442.30	-2.81e-03	0.0	0.0	-6673.95	268.97	-105.32	147.43	9442.30	-2.345e+04
		-2.345e+04	-1.899e+04	1.98e-03	0.0	270.0	-6673.95	268.97	-105.32	147.43	-1.899e+04	4.917e+04
13	6	7.225e+05	8.587e+05	-0.10	0.0	0.0	-2536.97	4130.76	9632.49	-2.566e+04	-1.759e+06	4.836e+05
		4.836e+05	-1.759e+06	-1.24	0.0	270.0	-2536.97	4130.76	9632.49	-2.566e+04	8.587e+05	7.225e+05
13	7	5.114e+05	5.414e+05	0.32	0.0	0.0	-4597.27	-1689.19	7056.21	3037.13	-1.381e+06	5.114e+05
		3.202e+05	-1.381e+06	-1.02	0.0	270.0	-4597.27	-1689.19	7056.21	3037.13	5.414e+05	3.202e+05
13	8	1.988e+06	5.160e+05	0.79	0.0	0.0	-1.058e+04	-1.134e+04	-3876.24	-2.893e+04	5.160e+05	1.988e+06
		-1.077e+06	-5.430e+05	0.04	0.0	270.0	-1.058e+04	-1.134e+04	-3876.24	-2.893e+04	-5.430e+05	-1.077e+06
13	9	3.094e+06	9.496e+05	1.14	0.0	0.0	-1.591e+04	-1.802e+04	-7072.71	2.446e+04	9.496e+05	3.094e+06
		-1.779e+06	-9.617e+05	0.46	0.0	270.0	-1.591e+04	-1.802e+04	-7072.71	2.446e+04	-9.617e+05	-1.779e+06
13	10	3.891e+05	4.706e+05	-0.06	0.0	0.0	-1465.61	2285.42	5195.59	-1.399e+04	-9.432e+05	2.794e+05
		2.794e+05	-9.432e+05	-0.66	0.0	270.0	-1465.61	2285.42	5195.59	-1.399e+04	4.706e+05	3.891e+05
13	11	2.792e+05	2.988e+05	0.17	0.0	0.0	-2449.03	-1000.87	3804.37	1821.77	-7.399e+05	2.792e+05
		1.792e+05	-7.399e+05	-0.54	0.0	270.0	-2449.03	-1000.87	3804.37	1821.77	2.988e+05	2.792e+05
13	12	1.091e+06	2.963e+05	0.44	0.0	0.0	-5783.58	-6239.99	-2203.46	-1.595e+04	2.963e+05	1.091e+06
		-5.957e+05	-3.051e+05	0.02	0.0	270.0	-5783.58	-6239.99	-2203.46	-1.595e+04	-3.051e+05	-5.957e+05
13	13	1.647e+06	5.056e+05	0.60	0.0	0.0	-8436.97	-9614.23	-3763.12	1.349e+04	5.056e+05	1.647e+06
		-9.531e+05	-5.115e+05	0.25	0.0	270.0	-8436.97	-9614.23	-3763.12	1.349e+04	-5.115e+05	-9.531e+05
13	14	2.920e+05	3.548e+05	-0.05	0.0	0.0	-1099.76	1716.39	3905.96	-1.049e+04	-7.082e+05	2.101e+05
		2.101e+05	-7.082e+05	-0.50	0.0	270.0	-1099.76	1716.39	3905.96	-1.049e+04	3.548e+05	2.920e+05
13	15	2.103e+05	2.255e+05	0.13	0.0	0.0	-1834.46	-765.11	2857.02	1394.70	-5.549e+05	2.103e+05
		1.356e+05	-5.549e+05	-0.41	0.0	270.0	-1834.46	-765.11	2857.02	1394.70	2.255e+05	1.356e+05
13	16	8.185e+05	2.224e+05	0.33	0.0	0.0	-4339.31	-4683.07	-1653.81	-1.197e+04	2.224e+05	8.185e+05
		-4.473e+05	-2.289e+05	0.01	0.0	270.0	-4339.31	-4683.07	-1653.81	-1.197e+04	-2.289e+05	-4.473e+05
13	17	1.237e+06	3.796e+05	0.45	0.0	0.0	-6329.16	-7226.39	-2825.83	1.012e+04	3.796e+05	1.237e+06
		-7.174e+05	-3.841e+05	0.19	0.0	270.0	-6329.16	-7226.39	-2825.83	1.012e+04	-3.841e+05	-7.174e+05
14	1	1.132e+04	6325.05	1.34e-03	0.0	0.0	-1.012e+04	-130.98	-79.00	119.00	6325.05	1.132e+04
		-2.405e+04	-1.500e+04	1.09e-03	0.0	270.0	-9307.89	-130.98	-79.00	119.00	-1.500e+04	-2.405e+04
14	2	1.691e+04	1.156e+04	-2.89e-03	0.0	0.0	-2.267e+04	112.63	-180.18	-122.19	1.156e+04	-1.350e+04
		-1.350e+04	-3.709e+04	-5.85e-03	0.0	270.0	-2.267e+04	112.63	-180.18	-122.19	-3.709e+04	1.691e+04
14	3	187.81	6342.56	-5.65e-04	0.0	0.0	-1487.75	-10.75	-88.79	-98.08	6342.56	187.81
		-2714.21	-1.763e+04	-2.02e-03	0.0	270.0	-1487.75	-10.75	-88.79	-98.08	-1.763e+04	-2714.21
14	4	-720.37	9066.21	-9.34e-04	0.0	0.0	-3214.21	-5.95	-128.66	-159.17	9066.21	-720.37
		-2325.66	-2.567e+04	-3.09e-03	0.0	270.0	-3214.21	-5.95	-128.66	-159.17	-2.567e+04	-2325.66
14	5	2.676e+04	1.183e+04	3.20e-03	0.0	0.0	-6550.90	-306.98	-145.76	-175.81	1.183e+04	2.676e+04
		-5.612e+04	-2.752e+04	2.09e-03	0.0	270.0	-6550.90	-306.98	-145.76	-175.81	-2.752e+04	-5.612e+04
14	6	9.404e+05	1.395e+06	-0.16	0.0	0.0	-9400.14	5541.43	-5406.71	-2.517e+04	1.395e+06	9.404e+05
		6.198e+05	-3.764e+05	1.27	0.0	270.0	-9400.14	5541.43	-5406.71	-2.517e+04	-3.764e+05	6.198e+05
14	7	4.731e+05	1.049e+06	0.31	0.0	0.0	-3773.01	-1517.34	-3267.25	3624.24	1.049e+06	4.731e+05
		3.830e+05	3.740e+05	1.04	0.0	270.0	-3773.01	-1517.34	-3267.25	3624.24	3.740e+05	4.731e+05
14	8	1.885e+06	8.888e+05	-1.16	0.0	0.0	-2.026e+04	1.883e+04	-6172.13	-2.815e+04	8.888e+05	-3.206e+06
		-3.206e+06	-7.856e+05	0.52	0.0	270.0	-2.026e+04	1.883e+04	-6172.13	-2.815e+04	-7.856e+05	1.885e+06
14	9	1.201e+06	4.506e+05	-0.84	0.0	0.0	-1.358e+04	1.242e+04	-3437.85	2.497e+04	4.506e+05	-2.157e+06
		-2.157e+06	-4.919e+05	0.07	0.0	270.0	-1.358e+04	1.242e+04	-3437.85	2.497e+04	-4.919e+05	1.201e+06
14	10	5.041e+05	7.513e+05	-0.09	0.0	0.0	-5043.53	3014.70	-2988.96	-1.377e+04	7.513e+05	3.473e+05
		3.473e+05	-2.253e+05	0.68	0.0	270.0	-5043.53	3014.70	-2988.96	-1.377e+04	-2.253e+05	5.041e+05
14	11	2.572e+05	5.643e+05	0.17	0.0	0.0	-2024.57	-911.48	-1829.18	2125.32	5.643e+05	2.126e+05
		2.126e+05	2.108e+05	0.56	0.0	270.0	-2024.57	-911.48	-1829.18	2125.32	2.108e+05	2.572e+05
14	12	1.011e+06	4.748e+05	-0.62	0.0	0.0	-1.075e+04	1.005e+04	-3293.77	-1.558e+04	4.748e+05	-1.708e+06
		-1.708e+06	-4.193e+05	0.28	0.0	270.0	-1.075e+04	1.005e+04	-3293.77	-1.558e+04	-4.193e+05	1.011e+06
14	13	6.611e+05	2.548e+05	-0.46	0.0	0.0	-7397.49	6788.97	-1910.63	1.372e+04	2.548e+05	-1.176e+06
		-1.176e+06	-2.690e+05	0.04	0.0	270.0	-7397.49	6788.97	-1910.63	1.372e+04	-2.690e+05	6.611e+05
14	14	3.781e+05	5.646e+05	-0.07	0.0	0.0	-3781.94	2262.50	-2257.70	-1.033e+04	5.646e+05	2.609e+05
		2.609e+05	-1.724e+05	0.51	0.0	270.0	-3781.94	2262.50	-2257.70	-1.033e+04	-1.724e+05	3.781e+05
14	15	1.935e+05	4.236e+05	0.13	0.0	0.0	-1518.66	-698.35	-1384.23	1621.91	4.236e+05	1.607e+05
		1.607e+05	1.597e+05	0.42	0.0	270.0	-1518.66	-698.35	-1384.23	1621.91	1.597e+05	1.935e+05
14	16	7.612e+05	3.565e+05	-0.46	0.0	0.0	-8059.64	7556.67	-2474.20	-1.169e+04	3.565e+05	-1.283e+06
		-1.283e+06	-3.151e+05	0.21	0.0	270.0	-8059.64	7556.67	-2474.20	-1.169e+04	-3.151e+05	7.612e+05
14	17	4.975e+05	1.914e+05	-0.34	0.0	0.0	-5549.87	5101.98	-1435.23	1.030e+04	1.914e+05	-8.829e+05
		-8.829e+05	-2.021e+05	0.03	0.0	270.0	-5549.87	5101.98	-1435.23	1.030e+04	-2.021e+05	4.975e+05
15	1	-61.79	2652.19	-4.94e-04	0.0	0.0	-2303.81	1.18	15.44	54.34	-1516.81	-380.81
		-380.81	-1516.81	-5.09e-04	0.0	270.0	-1696.31	1.18	15.44	54.34	2652.19	-61.79
15	2	134.87	1.609e+04	-2.50e-03	0.0	0.0	-1.509e+04	8.44	90.04	377.17	-8225.39	-2143.06
		-2143.06	-8225.39	-2.36e-03	0.0	270.0	-1.509e+04	8.44	90.04	377.17	1.609e+04	134.87
15	3	-126.94	6394.59	-8.39e-04	0.0	0.0	-6033.47	1.88	35.92	111.55	-3304.76	-635.74
		-635.74	-3304.76	-9.60e-04	0.0	270.0	-6033.47	1.88	35.92	111.55	6394.59	-126.94
15	4	-157.03	9572.88	-1.30e-03	0.0	0.0	-9050.75	3.15	53.71	175.84	-4928.25	-1008.16
		-1008.16	-4928.25	-1.43e-03	0.0	270.0	-9050.75	3.15	53.71	175.84	9572.88	-157.03

15	5	-148.63	1486.71	-6.05e-04	0.0	0.0	-17.19	1.05	9.19	53.41	-993.91	-431.01
		-431.01	-993.91	-3.95e-04	0.0	270.0	-17.19	1.05	9.19	53.41	1486.71	-148.63
15	6	1.877e+06	6.216e+04	2.08	0.0	0.0	-76.47	-8083.31	-438.57	2.237e+05	6.216e+04	1.877e+06
		-3.140e+05	-5.627e+04	0.04	0.0	270.0	-76.47	-8083.31	-438.57	2.237e+05	-5.627e+04	-3.140e+05
15	7	1.531e+06	3.954e+04	1.73	0.0	0.0	-53.88	-6395.86	-277.97	2.059e+05	3.954e+04	1.531e+06
		-2.157e+05	-3.552e+04	0.03	0.0	270.0	-53.88	-6395.86	-277.97	2.059e+05	-3.552e+04	-2.157e+05
15	8	8.531e+04	1.398e+06	0.09	0.0	0.0	1954.08	-415.81	-9948.36	-1.566e+04	1.398e+06	8.531e+04
		-2.732e+04	-1.288e+06	0.93	0.0	270.0	1954.08	-415.81	-9948.36	-1.566e+04	-1.288e+06	-2.732e+04
15	9	2.581e+04	1.435e+06	-0.06	0.0	0.0	2017.87	326.82	-1.021e+04	1.393e+04	1.435e+06	-0.06
		-6.301e+04	-1.322e+06	0.95	0.0	270.0	2017.87	326.82	-1.021e+04	1.393e+04	-1.322e+06	2.581e+04
15	10	1.107e+06	3.329e+04	1.23	0.0	0.0	-40.63	-4759.41	-234.86	1.322e+05	3.329e+04	1.107e+06
		-1.825e+05	-3.013e+04	0.02	0.0	270.0	-40.63	-4759.41	-234.86	1.322e+05	-3.013e+04	-1.825e+05
15	11	9.026e+05	2.107e+04	1.02	0.0	0.0	-28.66	-3762.90	-148.14	1.219e+05	2.107e+04	9.026e+05
		-1.244e+05	-1.893e+04	0.01	0.0	270.0	-28.66	-3762.90	-148.14	1.219e+05	-1.893e+04	-1.244e+05
15	12	4.803e+04	7.483e+05	0.05	0.0	0.0	1044.42	-235.14	-5323.36	-8729.62	7.483e+05	4.803e+04
		-1.566e+04	-6.890e+05	0.50	0.0	270.0	1044.42	-235.14	-5323.36	-8729.62	-6.890e+05	-1.566e+04
15	13	1.430e+04	7.674e+05	-0.03	0.0	0.0	1076.65	183.43	-5459.22	7691.89	7.674e+05	-3.554e+04
		-3.554e+04	-7.066e+05	0.51	0.0	270.0	1076.65	183.43	-5459.22	7691.89	-7.066e+05	-3.554e+04
15	14	8.309e+05	2.502e+04	0.92	0.0	0.0	-30.50	-3572.77	-176.57	9.923e+04	2.502e+04	8.309e+05
		-1.371e+05	-2.265e+04	0.02	0.0	270.0	-30.50	-3572.77	-176.57	9.923e+04	-2.265e+04	-1.371e+05
15	15	6.913e+05	1.580e+04	0.78	0.0	0.0	-21.50	-2880.88	-111.08	9.344e+04	1.580e+04	6.913e+05
		-9.491e+04	-1.420e+04	0.01	0.0	270.0	-21.50	-2880.88	-111.08	9.344e+04	-1.420e+04	-9.491e+04
15	16	3.599e+04	5.617e+05	0.04	0.0	0.0	783.52	-176.24	-3995.42	-6563.03	5.617e+05	3.599e+04
		-1.175e+04	-5.171e+05	0.37	0.0	270.0	783.52	-176.24	-3995.42	-6563.03	-5.171e+05	-1.175e+04
15	17	1.074e+04	5.762e+05	-0.03	0.0	0.0	807.92	137.47	-4099.26	5781.12	5.762e+05	-2.662e+04
		-2.662e+04	-5.306e+05	0.38	0.0	270.0	807.92	137.47	-4099.26	5781.12	-5.306e+05	-2.662e+04
16	1	6050.06	3.151e+04	-2.06e-04	0.0	0.0	-1.917e+04	33.60	176.71	46.25	-1.621e+04	-3020.84
		-3020.84	-1.621e+04	-2.81e-03	0.0	270.0	-1.815e+04	33.60	176.71	46.25	3.151e+04	6050.06
16	2	1.452e+04	3.364e+04	-1.26e-03	0.0	0.0	-3.250e+04	95.67	-422.38	198.12	3.364e+04	-1.131e+04
		-1.131e+04	-8.041e+04	4.58e-03	0.0	270.0	-3.250e+04	95.67	-422.38	198.12	-8.041e+04	1.452e+04
16	3	1725.44	1.914e+04	9.21e-05	0.0	0.0	-2685.90	-22.65	-233.26	28.33	1.914e+04	1725.44
		-4390.23	-4.384e+04	2.76e-03	0.0	270.0	-2685.90	-22.65	-233.26	28.33	-4.384e+04	-4390.23
16	4	1889.52	2.742e+04	-1.88e-04	0.0	0.0	-5233.41	-27.79	-335.33	34.04	2.742e+04	1889.52
		-5612.69	-6.312e+04	3.94e-03	0.0	270.0	-5233.41	-27.79	-335.33	34.04	-6.312e+04	-5612.69
16	5	6934.49	9.521e+04	-1.91e-04	0.0	0.0	-8309.75	37.15	522.03	-57.69	-4.573e+04	-3096.81
		-3096.81	-4.573e+04	-7.40e-03	0.0	270.0	-8309.75	37.15	522.03	-57.69	9.521e+04	6934.49
16	6	2.445e+06	1.557e+06	0.60	0.0	0.0	-3.202e+04	-1.137e+04	-7043.98	-3.846e+04	1.557e+06	2.445e+06
		-7.005e+05	-4.537e+05	1.00	0.0	270.0	-3.202e+04	-1.137e+04	-7043.98	-3.846e+04	-4.537e+05	-7.005e+05
16	7	1.040e+06	1.539e+06	0.23	0.0	0.0	-2.169e+04	-4743.17	-6661.54	2664.43	1.539e+06	1.040e+06
		-2.604e+05	-3.849e+05	1.04	0.0	270.0	-2.169e+04	-4743.17	-6661.54	2664.43	-3.849e+05	-2.604e+05
16	8	4.900e+05	2.935e+05	-0.71	0.0	0.0	2.624e+04	1.291e+04	-1036.62	-4.187e+04	2.935e+05	-3.014e+06
		-3.014e+06	1.066e+05	0.31	0.0	270.0	2.624e+04	1.291e+04	-1036.62	-4.187e+04	1.066e+05	4.900e+05
16	9	1.202e+06	3.056e+05	-1.21	0.0	0.0	4.216e+04	2.253e+04	-712.16	3.870e+04	3.056e+05	-5.039e+06
		-5.039e+06	1.809e+05	0.24	0.0	270.0	4.216e+04	2.253e+04	-712.16	3.870e+04	1.809e+05	1.202e+06
16	10	1.319e+06	8.389e+05	0.33	0.0	0.0	-1.708e+04	-6180.39	-3857.18	-2.107e+04	8.389e+05	1.319e+06
		-3.985e+05	-2.678e+05	0.53	0.0	270.0	-1.708e+04	-6180.39	-3857.18	-2.107e+04	-2.678e+05	-3.985e+05
16	11	5.556e+05	8.277e+05	0.12	0.0	0.0	-1.154e+04	-2547.82	-3642.76	1479.61	8.277e+05	5.556e+05
		-1.450e+05	-2.310e+05	0.55	0.0	270.0	-1.154e+04	-2547.82	-3642.76	1479.61	-2.310e+05	-1.450e+05
16	12	2.783e+05	1.574e+05	-0.39	0.0	0.0	1.457e+04	7176.30	-567.72	-2.319e+04	1.574e+05	-1.671e+06
		-1.671e+06	6.236e+04	0.17	0.0	270.0	1.457e+04	7176.30	-567.72	-2.319e+04	6.236e+04	2.783e+05
16	13	6.851e+05	1.646e+05	-0.65	0.0	0.0	2.236e+04	1.211e+04	-408.73	2.125e+04	1.646e+05	-2.686e+06
		-2.686e+06	9.697e+04	0.13	0.0	270.0	2.236e+04	1.211e+04	-408.73	2.125e+04	9.697e+04	6.851e+05
16	14	9.900e+05	6.306e+05	0.24	0.0	0.0	-1.280e+04	-4649.04	-2909.41	-1.581e+04	6.306e+05	9.900e+05
		-3.028e+05	-2.050e+05	0.40	0.0	270.0	-1.280e+04	-4649.04	-2909.41	-1.581e+04	-2.050e+05	-3.028e+05
16	15	4.165e+05	6.213e+05	0.09	0.0	0.0	-8643.39	-1912.88	-2743.96	1120.87	6.213e+05	4.165e+05
		-1.100e+05	-1.771e+05	0.42	0.0	270.0	-8643.39	-1912.88	-2743.96	1120.87	-1.771e+05	-1.100e+05
16	16	2.098e+05	1.182e+05	-0.29	0.0	0.0	1.094e+04	5386.56	-427.91	-1.740e+04	1.182e+05	-1.254e+06
		-1.254e+06	4.713e+04	0.13	0.0	270.0	1.094e+04	5386.56	-427.91	-1.740e+04	4.713e+04	2.098e+05
16	17	5.250e+05	1.238e+05	-0.48	0.0	0.0	1.678e+04	9122.00	-311.56	1.596e+04	1.238e+05	-2.018e+06
		-2.018e+06	7.300e+04	0.10	0.0	270.0	1.678e+04	9122.00	-311.56	1.596e+04	7.300e+04	5.250e+05
17	1	1269.24	1511.21	-7.04e-04	0.0	0.0	-2248.04	9.16	8.82	14.49	-870.56	-1203.48
		-1203.48	-870.56	-2.95e-04	0.0	270.0	-1640.54	9.16	8.82	14.49	1511.21	1269.24
17	2	3.172e+04	909.66	-6.78e-03	0.0	0.0	-1.282e+04	188.00	-11.74	-12.20	909.66	-1.904e+04
		-1.904e+04	-2260.02	-2.29e-04	0.0	270.0	-1.282e+04	188.00	-11.74	-12.20	-2260.02	3.172e+04
17	3	1.563e+04	119.32	-2.94e-03	0.0	0.0	-5031.62	90.71	-3.61	-1.78	119.32	-8861.92
		-8861.92	-856.11	-3.58e-04	0.0	270.0	-5031.62	90.71	-3.61	-1.78	-856.11	1.563e+04
17	4	2.309e+04	195.09	-4.40e-03	0.0	0.0	-7545.14	134.24	-5.32	-4.90	195.09	-1.316e+04
		-1.316e+04	-1240.05	-4.91e-04	0.0	270.0	-7545.14	134.24	-5.32	-4.90	-1240.05	2.309e+04
17	5	4628.08	1958.87	1.31e-03	0.0	0.0	472.42	-51.21	11.25	3.12	-1078.82	4628.08
		-9197.89	-1078.82	-3.45e-04	0.0	270.0	472.42	-51.21	11.25	3.12	1958.87	-9197.89
17	6	1.864e+06	1.562e+04	1.12	0.0	0.0	-3658.33	-1.401e+04	670.96	-1.220e+04	-1.666e+05	1.864e+06
		-1.919e+06	-1.666e+05	-0.19	0.0	270.0	-3658.33	-1.401e+04	670.96	-1.220e+04	1.562e+04	-1.919e+06
17	7	1.770e+06	3.380e+04	1.06	0.0	0.0	-3332.26	-1.333e+04	-131.77	1352.46	3.380e+04	1.770e+06
		-1.829e+06	5422.98	0.04	0.0	270.0	-3332.26	-1.333e+04	-131.77	1352.46	5422.98	-1.829e+06
17	8	1.965e+05	6.979e+05	0.12	0.0	0.0	662.25	-1468.79	-2749.38	-1.299e+04	6.979e+05	1.965e+05
		-2.002e+05	-4.590e+04	0.81	0.0	270.0	662.25	-1468.79	-2749.38	-1.299e+04	-4.590e+04	-2.002e+05

17	9	1.134e+05	9.741e+05	-0.08	0.0	0.0	997.34	862.38	-3852.15	1.196e+04	9.741e+05	-1.197e+05
		-1.197e+05	-7.298e+04	1.13	0.0	270.0	997.34	862.38	-3852.15	1.196e+04	-7.298e+04	1.134e+05
17	10	9.951e+05	8659.16	0.60	0.0	0.0	-1947.11	-7476.44	369.44	-6645.58	-9.180e+04	9.951e+05
		-1.024e+06	-9.180e+04	-0.11	0.0	270.0	-1947.11	-7476.44	369.44	-6645.58	8659.16	-1.024e+06
17	11	9.441e+05	1.854e+04	0.56	0.0	0.0	-1773.40	-7108.72	-73.43	818.39	1.854e+04	9.441e+05
		-9.753e+05	3209.54	0.02	0.0	270.0	-1773.40	-7108.72	-73.43	818.39	3209.54	-9.753e+05
17	12	1.078e+05	3.793e+05	0.07	0.0	0.0	372.65	-804.63	-1494.86	-7196.14	3.793e+05	1.078e+05
		-1.095e+05	-2.529e+04	0.44	0.0	270.0	372.65	-804.63	-1494.86	-7196.14	-2.529e+04	-1.095e+05
17	13	6.383e+04	5.184e+05	-0.04	0.0	0.0	529.85	483.98	-2053.02	6577.56	5.184e+05	-6.699e+04
		-6.699e+04	-4.064e+04	0.60	0.0	270.0	529.85	483.98	-2053.02	6577.56	-4.064e+04	6.383e+04
17	14	7.465e+05	6543.91	0.45	0.0	0.0	-1459.80	-5608.28	277.31	-4985.08	-6.888e+04	7.465e+05
		-7.678e+05	-6.888e+04	-0.08	0.0	270.0	-1459.80	-5608.28	277.31	-4985.08	6543.91	-7.678e+05
17	15	7.074e+05	1.399e+04	0.42	0.0	0.0	-1328.11	-5326.01	-55.60	628.01	1.399e+04	7.074e+05
		-7.307e+05	2462.10	0.02	0.0	270.0	-1328.11	-5326.01	-55.60	628.01	2462.10	-7.307e+05
17	16	8.087e+04	2.846e+05	0.05	0.0	0.0	279.62	-603.43	-1121.81	-5405.54	2.846e+05	8.087e+04
		-8.209e+04	-1.908e+04	0.33	0.0	270.0	279.62	-603.43	-1121.81	-5405.54	-1.908e+04	-8.209e+04
17	17	4.792e+04	3.892e+05	-0.03	0.0	0.0	397.59	363.38	-1542.36	4943.36	3.892e+05	-5.030e+04
		-5.030e+04	-3.094e+04	0.45	0.0	270.0	397.59	363.38	-1542.36	4943.36	-3.094e+04	4.792e+04
18	1	1.954e+04	4566.08	-6.67e-04	0.0	0.0	-1.753e+04	108.50	21.13	-113.93	-1140.14	-9758.38
		-9758.38	-1140.14	7.81e-04	0.0	270.0	-1.652e+04	108.50	21.13	-113.93	4566.08	1.954e+04
18	2	6542.68	2.537e+04	-7.44e-04	0.0	0.0	-4.892e+04	45.92	-239.49	770.61	2.537e+04	-5854.70
		-5854.70	-3.929e+04	5.85e-03	0.0	270.0	-4.892e+04	45.92	-239.49	770.61	-3.929e+04	6542.68
18	3	1432.06	1.717e+04	-3.63e-04	0.0	0.0	-1745.69	12.86	-178.53	17.48	1.717e+04	-2040.82
		-2040.82	-3.103e+04	3.31e-03	0.0	270.0	-1745.69	12.86	-178.53	17.48	-3.103e+04	1432.06
18	4	2495.67	2.443e+04	-5.24e-04	0.0	0.0	-4927.80	20.89	-252.02	92.78	2.443e+04	-3144.51
		-3144.51	-4.362e+04	4.79e-03	0.0	270.0	-4927.80	20.89	-252.02	92.78	-4.362e+04	2495.67
18	5	14.37	9474.46	-3.62e-04	0.0	0.0	-4540.51	-11.12	52.42	398.21	-4678.84	14.37
		-2987.89	-4678.84	-7.80e-04	0.0	270.0	-4540.51	-11.12	52.42	398.21	9474.46	-2987.89
18	6	1.693e+05	6.515e+05	-0.10	0.0	0.0	2.430e+04	2241.45	8926.66	-4.097e+04	-1.822e+06	-4.407e+05
		-4.407e+05	-1.822e+06	-1.12	0.0	270.0	2.430e+04	2241.45	8926.66	-4.097e+04	6.515e+05	1.693e+05
18	7	1.641e+05	5.573e+05	0.04	0.0	0.0	2.533e+04	-812.93	8146.54	2426.98	-1.699e+06	1.641e+05
		-6.256e+04	-1.699e+06	-1.06	0.0	270.0	2.533e+04	-812.93	8146.54	2426.98	5.573e+05	-6.256e+04
18	8	3.796e+06	9.051e+04	0.87	0.0	0.0	1.638e+04	-1.817e+04	1068.63	-4.300e+04	-2.042e+05	3.796e+06
		-1.134e+06	-2.042e+05	-0.12	0.0	270.0	1.638e+04	-1.817e+04	1068.63	-4.300e+04	9.051e+04	-1.134e+06
18	9	4.678e+06	1.448e+05	1.06	0.0	0.0	2.003e+04	-2.268e+04	-821.78	3.757e+04	1.448e+05	4.678e+06
		-1.504e+06	-7.907e+04	0.08	0.0	270.0	2.003e+04	-2.268e+04	-821.78	3.757e+04	-7.907e+04	-1.504e+06
18	10	9.470e+04	3.718e+05	-0.05	0.0	0.0	1.295e+04	1246.62	4859.97	-2.244e+04	-9.802e+05	-2.450e+05
		-2.450e+05	-9.802e+05	-0.60	0.0	270.0	1.295e+04	1246.62	4859.97	-2.244e+04	3.718e+05	9.470e+04
18	11	8.855e+04	3.187e+05	0.02	0.0	0.0	1.347e+04	-445.13	4425.77	1469.48	-9.125e+05	-8.855e+04
		-3.603e+04	-9.125e+05	-0.57	0.0	270.0	1.347e+04	-445.13	4425.77	1469.48	3.187e+05	-3.603e+04
18	12	2.047e+06	5.250e+04	0.47	0.0	0.0	8810.38	-9823.97	601.34	-2.374e+04	-1.135e+05	2.047e+06
		-6.214e+05	-1.135e+05	-0.07	0.0	270.0	8810.38	-9823.97	601.34	-2.374e+04	5.250e+04	-6.214e+05
18	13	2.497e+06	8.049e+04	0.57	0.0	0.0	1.069e+04	-1.217e+04	-456.71	2.066e+04	8.049e+04	-2.497e+06
		-8.269e+05	-4.403e+04	0.04	0.0	270.0	1.069e+04	-1.217e+04	-456.71	2.066e+04	-4.403e+04	-8.269e+05
18	14	7.155e+04	2.827e+05	-0.04	0.0	0.0	9711.28	937.36	3661.26	-1.683e+04	-7.365e+05	-1.840e+05
		-1.840e+05	-7.365e+05	-0.45	0.0	270.0	9711.28	937.36	3661.26	-1.683e+04	2.827e+05	7.155e+04
18	15	6.658e+04	3.421e+05	0.01	0.0	0.0	1.009e+04	-336.04	3328.91	1130.92	-6.847e+05	6.658e+04
		-2.754e+04	-6.847e+05	-0.42	0.0	270.0	1.009e+04	-336.04	3328.91	1130.92	2.421e+05	-2.754e+04
18	16	1.536e+06	3.974e+04	0.35	0.0	0.0	6613.05	-7379.34	452.67	-1.782e+04	-8.525e+04	1.536e+06
		-4.687e+05	-8.525e+04	-0.05	0.0	270.0	6613.05	-7379.34	452.67	-1.782e+04	3.974e+04	-4.687e+05
18	17	1.876e+06	6.053e+04	0.42	0.0	0.0	8026.61	-9154.61	-344.03	1.551e+04	6.053e+04	1.876e+06
		-6.272e+05	-3.329e+04	0.03	0.0	270.0	8026.61	-9154.61	-344.03	1.551e+04	-3.329e+04	-6.272e+05
19	1	2.054e+04	4244.79	-6.92e-04	0.0	0.0	-1.703e+04	113.81	59.65	-600.27	-1.186e+04	-1.019e+04
		-1.019e+04	-1.186e+04	-7.07e-03	0.0	270.0	-1.602e+04	113.81	59.65	-600.27	4244.79	2.054e+04
19	2	8.529e+04	1.668e+04	-2.54e-03	0.0	0.0	-5.930e+04	462.72	160.63	-3008.14	-2.669e+04	-3.964e+04
		-3.964e+04	-2.669e+04	-0.01	0.0	270.0	-5.930e+04	462.72	160.63	-3008.14	1.668e+04	8.529e+04
19	3	3.099e+04	3664.69	-9.58e-04	0.0	0.0	-5781.02	169.13	9.98	-108.86	969.16	-1.468e+04
		-1.468e+04	969.16	1.99e-03	0.0	270.0	-5781.02	169.13	9.98	-108.86	3664.69	3.099e+04
19	4	4.707e+04	6165.50	-1.45e-03	0.0	0.0	-1.099e+04	256.57	29.33	-462.12	-1754.23	-2.221e+04
		-2.221e+04	-1754.23	9.00e-04	0.0	270.0	-1.099e+04	256.57	29.33	-462.12	6165.50	4.707e+04
19	5	-313.48	644.32	-5.37e-04	0.0	0.0	-4403.49	-12.57	53.68	-1591.97	-1.385e+04	-313.48
		-3708.09	-1.385e+04	-9.77e-03	0.0	270.0	-4403.49	-12.57	53.68	-1591.97	644.32	-3708.09
19	6	6.354e+05	6.060e+05	0.14	0.0	0.0	-1.242e+04	-3089.96	9640.49	-7.708e+04	-2.321e+06	6.354e+05
		-2.129e+05	-2.321e+06	-1.61	0.0	270.0	-1.242e+04	-3089.96	9640.49	-7.708e+04	6.060e+05	-2.129e+05
19	7	5.979e+04	5.618e+05	-0.02	0.0	0.0	-1.406e+04	495.24	8892.40	-3.926e+04	-2.178e+06	-9.360e+04
		-9.360e+04	-2.178e+06	-1.53	0.0	270.0	-1.406e+04	495.24	8892.40	-3.926e+04	5.618e+05	5.979e+04
19	8	4.725e+06	2.740e+04	1.07	0.0	0.0	2.096e+04	-2.303e+04	877.30	-4.374e+04	-2.229e+05	4.725e+06
		-1.543e+06	-2.229e+05	-0.16	0.0	270.0	2.096e+04	-2.303e+04	877.30	-4.374e+04	2.740e+04	-1.543e+06
19	9	4.041e+06	1.366e+05	0.92	0.0	0.0	1.767e+04	-1.962e+04	-531.78	3.784e+04	1.366e+05	4.041e+06
		-1.301e+06	2.296e+04	0.10	0.0	270.0	1.767e+04	-1.962e+04	-531.78	3.784e+04	2.296e+04	-1.301e+06
19	10	3.471e+05	3.608e+05	0.08	0.0	0.0	-6664.64	-1701.43	5293.60	-4.194e+04	-1.249e+06	3.471e+05
		-1.211e+05	-1.249e+06	-0.86	0.0	270.0	-6664.64	-1701.43	5293.60	-4.194e+04	3.608e+05	-1.211e+05
19	11	3.226e+04	3.341e+05	-0.01	0.0	0.0	-7491.49	266.12	4881.08	-2.175e+04	-1.172e+06	3.226e+04
		-5.000e+04	-1.172e+06	-0.82	0.0	270.0	-7491.49	266.12	4881.08	-2.175e+04	3.341e+05	-5.000e+04
19	12	2.523e+06	1.581e+04	0.57	0.0	0.0	1.119e+04	-1.235e+04	484.71	-2.420e+04	-1.226e+05	2.523e+06
		-8.456e+05	-1.226e+05	-0.09	0.0	270.0	1.119e+04	-1.235e+04	484.71	-2.420e+04	1.581e+04	-8.456e+05

19	13	2.176e+06	7.625e+04	0.49	0.0	0.0	9490.81	-1.061e+04	-300.98	2.085e+04	7.625e+04	2.176e+06
		-7.178e+05	1.332e+04	0.05	0.0	270.0	9490.81	-1.061e+04	-300.98	2.085e+04	1.332e+04	-7.178e+05
19	14	2.607e+05	2.771e+05	0.06	0.0	0.0	-5001.78	-1280.04	3998.15	-3.155e+04	-9.393e+05	2.607e+05
		-9.178e+04	-9.393e+05	-0.65	0.0	270.0	-5001.78	-1280.04	3998.15	-3.155e+04	2.771e+05	-9.178e+04
19	15	2.430e+04	2.566e+05	-8.80e-03	0.0	0.0	-5612.35	200.55	3683.98	-1.643e+04	-8.801e+05	-3.761e+04
		-3.761e+04	-8.801e+05	-0.61	0.0	270.0	-5612.35	200.55	3683.98	-1.643e+04	2.566e+05	2.430e+04
19	16	1.895e+06	1.202e+04	0.43	0.0	0.0	8396.93	-9288.65	363.67	-1.816e+04	-9.193e+04	1.895e+06
		-6.402e+05	-9.193e+04	-0.06	0.0	270.0	8396.93	-9288.65	363.67	-1.816e+04	1.202e+04	-6.402e+05
19	17	1.634e+06	5.722e+04	0.37	0.0	0.0	7124.65	-7978.62	-226.07	1.564e+04	5.722e+04	1.634e+06
		-5.438e+05	1.011e+04	0.04	0.0	270.0	7124.65	-7978.62	-226.07	1.564e+04	1.011e+04	-5.438e+05
20	1	9796.70	3.445e+04	4.03e-04	0.0	0.0	-1.811e+04	47.45	-399.01	0.83	3.445e+04	-3015.76
		-3015.76	-7.328e+04	5.45e-03	0.0	270.0	-1.710e+04	47.45	-399.01	0.83	-7.328e+04	9796.70
20	2	5.003e+04	1.407e+05	-1.09e-03	0.0	0.0	-3.267e+04	259.31	-1670.91	-11.17	1.407e+05	-1.998e+04
		-1.998e+04	-3.104e+05	0.02	0.0	270.0	-3.267e+04	259.31	-1670.91	-11.17	-3.104e+05	5.003e+04
20	3	9398.43	5.242e+04	5.50e-04	0.0	0.0	-2848.89	43.23	-617.85	-8.54	5.242e+04	-2274.07
		-2274.07	-1.144e+05	8.05e-03	0.0	270.0	-2848.89	43.23	-617.85	-8.54	-1.144e+05	9398.43
20	4	1.514e+04	7.994e+04	8.01e-04	0.0	0.0	-5467.10	70.82	-943.20	5.75	7.994e+04	-3986.20
		-3986.20	-1.747e+05	0.01	0.0	270.0	-5467.10	70.82	-943.20	5.75	-1.747e+05	1.514e+04
20	5	1.122e+04	6.760e+04	8.44e-04	0.0	0.0	-7946.52	48.99	-783.50	118.64	6.760e+04	-2006.49
		-2006.49	-1.439e+05	0.01	0.0	270.0	-7946.52	48.99	-783.50	118.64	-1.439e+05	1.122e+04
20	6	7.732e+05	1.059e+06	-0.66	0.0	0.0	2.691e+04	1.248e+04	-2927.52	-4.050e+04	1.059e+06	-2.697e+05
		-2.697e+06	9.597e+05	1.01	0.0	270.0	2.691e+04	1.248e+04	-2927.52	-4.050e+04	9.597e+05	7.732e+05
20	7	2.387e+05	1.054e+06	-0.25	0.0	0.0	1.596e+04	5109.34	-2658.71	2476.00	1.054e+06	-1.173e+06
		-1.173e+06	9.881e+05	1.06	0.0	270.0	1.596e+04	5109.34	-2658.71	2476.00	9.881e+05	2.387e+05
20	8	1.393e+06	2.647e+05	-1.26	0.0	0.0	4.254e+04	2.411e+04	358.70	-4.662e+04	-2.974e+05	-5.268e+06
		-5.268e+06	-2.974e+05	-0.21	0.0	270.0	4.254e+04	2.411e+04	358.70	-4.662e+04	-2.974e+05	-5.268e+06
20	9	7.735e+05	-1.766e+05	-0.77	0.0	0.0	2.687e+04	1.462e+04	371.25	3.558e+04	-2.546e+05	-3.271e+06
		-3.271e+06	-2.546e+05	-0.29	0.0	270.0	2.687e+04	1.462e+04	371.25	3.558e+04	-1.766e+05	7.735e+05
20	10	4.439e+05	5.772e+05	-0.36	0.0	0.0	1.439e+04	6795.80	-1772.97	-2.211e+04	5.772e+05	-1.455e+06
		-1.455e+06	5.215e+05	0.54	0.0	270.0	1.439e+04	6795.80	-1772.97	-2.211e+04	5.215e+05	4.439e+05
20	11	1.357e+05	5.728e+05	-0.13	0.0	0.0	8496.35	2744.75	-1623.61	1489.34	5.728e+05	-6.265e+05
		-6.265e+05	5.344e+05	0.56	0.0	270.0	8496.35	2744.75	-1623.61	1489.34	5.344e+05	1.357e+05
20	12	7.922e+05	-1.411e+05	-0.67	0.0	0.0	2.258e+04	1.298e+04	217.68	-2.564e+04	-1.598e+05	-2.812e+06
		-2.812e+06	-1.598e+05	-0.11	0.0	270.0	2.258e+04	1.298e+04	217.68	-2.564e+04	-1.411e+05	7.922e+05
20	13	4.448e+05	-9.526e+04	-0.42	0.0	0.0	1.475e+04	8084.59	206.38	1.972e+04	-1.361e+05	-1.797e+06
		-1.797e+06	-1.361e+05	-0.16	0.0	270.0	1.475e+04	8084.59	206.38	1.972e+04	-9.526e+04	4.448e+05
20	14	3.377e+05	4.349e+05	-0.27	0.0	0.0	1.079e+04	5113.86	-1361.99	-1.658e+04	4.349e+05	-1.092e+06
		-1.092e+06	3.927e+05	0.40	0.0	270.0	1.079e+04	5113.86	-1361.99	-1.658e+04	3.927e+05	3.377e+05
20	15	1.032e+05	4.309e+05	-0.10	0.0	0.0	6362.34	2060.03	-1247.28	1142.05	4.309e+05	-4.695e+05
		-4.695e+05	4.016e+05	0.42	0.0	270.0	6362.34	2060.03	-1247.28	1142.05	4.016e+05	1.032e+05
20	16	6.060e+05	-1.059e+05	-0.51	0.0	0.0	1.694e+04	9781.70	168.33	-1.926e+04	-1.201e+05	-2.113e+06
		-2.113e+06	-1.201e+05	-0.08	0.0	270.0	1.694e+04	9781.70	168.33	-1.926e+04	-1.059e+05	6.060e+05
20	17	3.401e+05	-7.156e+04	-0.32	0.0	0.0	1.107e+04	6087.91	156.88	1.480e+04	-1.022e+05	-1.351e+06
		-1.351e+06	-1.022e+05	-0.12	0.0	270.0	1.107e+04	6087.91	156.88	1.480e+04	-7.156e+04	3.401e+05
21	1	6.172e+04	1970.56	-8.45e-03	0.0	0.0	-4194.55	341.37	11.09	8.57	-1024.42	-3.045e+04
		-3.045e+04	-1024.42	-3.00e-04	0.0	270.0	-3587.05	341.37	11.09	8.57	1970.56	6.172e+04
21	2	-911.44	1386.41	-4.00e-03	0.0	0.0	-5172.92	7.31	-13.24	40.37	1386.41	-2885.24
		-2885.24	-2189.67	5.23e-04	0.0	270.0	-5172.92	7.31	-13.24	40.37	-2189.67	-911.44
21	3	120.43	-149.89	-1.49e-03	0.0	0.0	-2006.31	-10.77	-0.21	2.11	-149.89	120.43
		-2788.31	-206.39	-3.01e-04	0.0	270.0	-2006.31	-10.77	-0.21	2.11	-206.39	-2788.31
21	4	-37.29	-117.34	-2.25e-03	0.0	0.0	-3019.04	-13.84	-1.11	5.63	-117.34	-37.29
		-3774.91	-417.12	-3.85e-04	0.0	270.0	-3019.04	-13.84	-1.11	5.63	-417.12	-3774.91
21	5	1.281e+05	3604.87	-0.02	0.0	0.0	-3421.98	703.29	19.87	14.06	-1761.36	-6.179e+04
		-6.179e+04	-1761.36	-4.84e-04	0.0	270.0	-3421.98	703.29	19.87	14.06	3604.87	1.281e+05
21	6	1.253e+06	1.200e+05	1.04	0.0	0.0	-6256.96	-7640.66	1688.01	-1.366e+04	-3.358e+05	1.253e+06
		-8.165e+05	-3.358e+05	-0.33	0.0	270.0	-6256.96	-7640.66	1688.01	-1.366e+04	1.200e+05	-8.165e+05
21	7	1.276e+06	5.110e+04	1.06	0.0	0.0	-6619.38	-7786.77	-267.76	1149.18	5.110e+04	1.276e+06
		-8.347e+05	-2.153e+04	0.05	0.0	270.0	-6619.38	-7786.77	-267.76	1149.18	-2.153e+04	-8.347e+05
21	8	1.146e+05	7.332e+05	0.09	0.0	0.0	-733.45	-706.09	-3516.67	-1.429e+04	7.332e+05	1.146e+05
		-7.799e+04	-2.174e+05	0.76	0.0	270.0	-733.45	-706.09	-3516.67	-1.429e+04	-2.174e+05	-7.799e+04
21	9	2.074e+04	1.226e+06	-0.03	0.0	0.0	-349.97	194.24	-5983.73	1.350e+04	1.226e+06	-3.284e+04
		-3.284e+04	-3.902e+05	1.25	0.0	270.0	-349.97	194.24	-5983.73	1.350e+04	-3.902e+05	2.074e+04
21	10	6.699e+05	6.605e+04	0.56	0.0	0.0	-3491.77	-4088.54	928.20	-7462.54	-1.846e+05	6.699e+05
		-4.385e+05	-1.846e+05	-0.18	0.0	270.0	-3491.77	-4088.54	928.20	-7462.54	6.605e+04	-4.385e+05
21	11	6.814e+05	2.808e+04	0.56	0.0	0.0	-3713.40	-4164.39	-146.52	691.03	2.808e+04	6.814e+05
		-4.487e+05	-1.166e+04	0.03	0.0	270.0	-3713.40	-4164.39	-146.52	691.03	-1.166e+04	-4.487e+05
21	12	6.120e+04	4.065e+05	0.05	0.0	0.0	-429.57	-378.51	-1954.74	-7937.08	4.065e+05	6.120e+04
		-4.232e+04	-1.219e+05	0.42	0.0	270.0	-429.57	-378.51	-1954.74	-7937.08	-1.219e+05	-4.232e+04
21	13	1.135e+04	6.512e+05	-0.02	0.0	0.0	-191.73	104.43	-3178.58	7408.26	6.512e+05	-1.754e+04
		-1.754e+04	-2.072e+05	0.66	0.0	270.0	-191.73	104.43	-3178.58	7408.26	-2.072e+05	1.135e+04
21	14	5.027e+05	4.955e+04	0.42	0.0	0.0	-2650.91	-3069.78	696.37	-5599.32	-1.385e+05	5.027e+05
		-3.297e+05	-1.385e+05	-0.14	0.0	270.0	-2650.91	-3069.78	696.37	-5599.32	4.955e+04	-3.297e+05
21	15	5.108e+05	2.119e+04	0.42	0.0	0.0	-2821.08	-3124.01	-110.44	530.41	2.119e+04	5.108e+05
		-3.372e+05	-8769.92	0.02	0.0	270.0	-2821.08	-3124.01	-110.44	530.41	-8769.92	-3.372e+05
21	16	4.592e+04	3.050e+05	0.04	0.0	0.0	-331.04	-284.40	-1466.63	-5961.99	3.050e+05	4.592e+04
		-3.194e+04	-9.148e+04	0.31	0.0	270.0	-331.04	-284.40	-1466.63	-5961.99	-9.148e+04	-3.194e+04

21	17	8589.91	4.888e+05	-0.01	0.0	0.0	-145.32	78.56	-2386.12	5565.46	4.888e+05	-1.316e+04
		-1.316e+04	-1.555e+05	0.50	0.0	270.0	-145.32	78.56	-2386.12	5565.46	-1.555e+05	8589.91
22	1	1544.93	531.87	-6.05e-04	0.0	0.0	-1968.00	-21.30	3.72	11.21	-471.81	1544.93
		-4206.56	-471.81	-2.57e-04	0.0	270.0	-1360.50	-21.30	3.72	11.21	531.87	-4206.56
22	2	1.997e+04	413.56	-5.14e-03	0.0	0.0	-3745.26	122.59	3.26	74.74	-465.85	-1.313e+04
		-1.313e+04	-465.85	-3.18e-04	0.0	270.0	-3745.26	122.59	3.26	74.74	413.56	1.997e+04
22	3	8030.48	322.25	-1.94e-03	0.0	0.0	-1526.58	48.70	2.62	3.65	-384.96	-5118.75
		-5118.75	-384.96	-2.74e-04	0.0	270.0	-1526.58	48.70	2.62	3.65	322.25	8030.48
22	4	1.207e+04	458.15	-2.94e-03	0.0	0.0	-2284.36	73.27	3.74	7.36	-552.27	-7717.67
		-7717.67	-552.27	-3.96e-04	0.0	270.0	-2284.36	73.27	3.74	7.36	458.15	1.207e+04
22	5	1.179e+04	578.02	3.33e-03	0.0	0.0	897.46	-130.69	3.96	11.12	-491.71	1.179e+04
		-2.350e+04	-491.71	-2.58e-04	0.0	270.0	897.46	-130.69	3.96	11.12	578.02	-2.350e+04
22	6	1.591e+06	2.972e+04	1.03	0.0	0.0	-2508.74	-1.149e+04	738.97	-1.265e+04	-1.700e+05	1.591e+06
		-1.511e+06	-1.700e+05	-0.19	0.0	270.0	-2508.74	-1.149e+04	738.97	-1.265e+04	2.972e+04	-1.511e+06
22	7	1.623e+06	4.070e+04	1.05	0.0	0.0	-2579.91	-1.172e+04	-192.28	1042.24	4.070e+04	1.623e+06
		-1.541e+06	-1.132e+04	0.04	0.0	270.0	-2579.91	-1.172e+04	-192.28	1042.24	-1.132e+04	-1.541e+06
22	8	1.453e+05	7.732e+05	0.09	0.0	0.0	-246.26	-1048.79	-3650.03	-1.410e+04	7.732e+05	1.453e+05
		-1.379e+05	-2.127e+05	0.81	0.0	270.0	-246.26	-1048.79	-3650.03	-1.410e+04	-2.127e+05	-1.379e+05
22	9	4.406e+04	1.067e+06	-0.03	0.0	0.0	67.22	330.84	-4955.54	1.278e+04	1.067e+06	-4.528e+04
		-4.528e+04	-2.715e+05	1.12	0.0	270.0	67.22	330.84	-4955.54	1.278e+04	-2.715e+05	4.406e+04
22	10	8.513e+05	1.655e+04	0.55	0.0	0.0	-1349.05	-6146.42	408.77	-6930.40	-9.393e+04	8.513e+05
		-8.083e+05	-9.393e+04	-0.10	0.0	270.0	-1349.05	-6146.42	408.77	-6930.40	1.655e+04	-8.083e+05
22	11	8.669e+05	2.197e+04	0.56	0.0	0.0	-1390.04	-6260.84	-103.53	591.45	2.197e+04	8.669e+05
		-8.235e+05	-6053.21	0.02	0.0	270.0	-1390.04	-6260.84	-103.53	591.45	-6053.21	-8.235e+05
22	12	7.777e+04	4.198e+05	0.05	0.0	0.0	-134.66	-561.62	-1979.27	-7795.96	4.198e+05	7.777e+04
		-7.387e+04	-1.148e+05	0.44	0.0	270.0	-134.66	-561.62	-1979.27	-7795.96	-1.148e+05	-7.387e+04
22	13	2.348e+04	5.674e+05	-0.02	0.0	0.0	37.02	176.27	-2635.75	7032.86	5.674e+05	-2.412e+04
		-2.412e+04	-1.444e+05	0.60	0.0	270.0	37.02	176.27	-2635.75	7032.86	-1.444e+05	2.348e+04
22	14	6.388e+05	1.242e+04	0.41	0.0	0.0	-1014.89	-4612.37	306.74	-5199.58	-7.049e+04	6.388e+05
		-6.066e+05	-7.049e+04	-0.08	0.0	270.0	-1014.89	-4612.37	306.74	-5199.58	1.242e+04	-6.066e+05
22	15	6.498e+05	1.651e+04	0.42	0.0	0.0	-1045.68	-4692.54	-77.77	449.75	1.651e+04	6.498e+05
		-6.172e+05	-4538.83	0.02	0.0	270.0	-1045.68	-4692.54	-77.77	449.75	-4538.83	-6.172e+05
22	16	5.839e+04	3.150e+05	0.04	0.0	0.0	-101.89	-421.65	-1485.02	-5852.89	3.150e+05	5.839e+04
		-5.547e+04	-8.614e+04	0.33	0.0	270.0	-101.89	-421.65	-1485.02	-5852.89	-8.614e+04	-5.547e+04
22	17	1.762e+04	4.259e+05	-0.01	0.0	0.0	28.07	132.26	-1978.68	5284.29	4.259e+05	-1.810e+04
		-1.810e+04	-1.084e+05	0.45	0.0	270.0	28.07	132.26	-1978.68	5284.29	-1.084e+05	1.762e+04
23	1	8839.98	908.36	-1.51e-03	0.0	0.0	-2744.21	50.55	5.82	-6.52	-662.75	-4807.34
		-4807.34	-662.75	-2.94e-04	0.0	270.0	-2136.71	50.55	5.82	-6.52	908.36	8839.98
23	2	1.892e+04	2613.26	-4.96e-03	0.0	0.0	-2350.90	116.62	16.38	-10.12	-1808.97	-1.256e+04
		-1.256e+04	-1808.97	-7.50e-04	0.0	270.0	-2350.90	116.62	16.38	-10.12	2613.26	1.892e+04
23	3	9129.22	1526.81	-2.08e-03	0.0	0.0	-346.57	54.73	9.42	4.21	-1016.41	-5648.95
		-5648.95	-1016.41	-4.02e-04	0.0	270.0	-346.57	54.73	9.42	4.21	1526.81	9129.22
23	4	1.341e+04	2177.80	-3.11e-03	0.0	0.0	-598.02	80.67	13.44	4.27	-1449.98	-8366.07
		-8366.07	-1449.98	-5.74e-04	0.0	270.0	-598.02	80.67	13.44	4.27	2177.80	1.341e+04
23	5	4928.43	368.65	-4.74e-04	0.0	0.0	-386.16	25.93	2.76	-7.07	-377.35	-2072.57
		-2072.57	-377.35	-2.38e-04	0.0	270.0	-386.16	25.93	2.76	-7.07	368.65	4928.43
23	6	1.343e+06	1.608e+05	1.03	0.0	0.0	6243.77	-8679.75	1186.73	-1.298e+04	-1.596e+05	1.343e+06
		-1.000e+06	-1.596e+05	-0.10	0.0	270.0	6243.77	-8679.75	1186.73	-1.298e+04	1.608e+05	-1.000e+06
23	7	1.368e+06	5.923e+04	1.05	0.0	0.0	6196.68	-8835.89	-447.08	1250.90	5.923e+04	1.368e+06
		-1.018e+06	-6.149e+04	0.04	0.0	270.0	6196.68	-8835.89	-447.08	1250.90	-6.149e+04	-1.018e+06
23	8	1.214e+05	1.447e+06	0.09	0.0	0.0	-1699.43	-782.66	-1.091e+04	-1.460e+04	1.447e+06	1.214e+05
		-8.991e+04	-1.499e+06	0.86	0.0	270.0	-1699.43	-782.66	-1.091e+04	-1.460e+04	-1.499e+06	-8.991e+04
23	9	-2.954e+04	1.767e+06	-0.03	0.0	0.0	-1624.84	256.13	-1.330e+04	1.212e+04	1.767e+06	-3.962e+04
		-3.962e+04	-1.823e+06	1.06	0.0	270.0	-1624.84	256.13	-1.330e+04	1.212e+04	-1.823e+06	-2.954e+04
23	10	7.189e+05	8.937e+04	0.55	0.0	0.0	3331.40	-4647.19	659.16	-7100.77	-8.862e+04	7.189e+05
		-5.359e+05	-8.862e+04	-0.05	0.0	270.0	3331.40	-4647.19	659.16	-7100.77	8.937e+04	-5.359e+05
23	11	7.312e+05	3.173e+04	0.56	0.0	0.0	3303.92	-4723.94	-239.29	742.42	3.173e+04	7.312e+05
		-5.443e+05	-3.289e+04	0.02	0.0	270.0	3303.92	-4723.94	-239.29	742.42	-3.289e+04	-5.443e+05
23	12	6.501e+04	7.793e+05	0.05	0.0	0.0	-912.16	-419.28	-5874.44	-8059.31	7.793e+05	6.501e+04
		-4.820e+04	-8.068e+05	0.46	0.0	270.0	-912.16	-419.28	-5874.44	-8059.31	-8.068e+05	-4.820e+04
23	13	-1.573e+04	9.404e+05	-0.02	0.0	0.0	-863.88	136.40	-7075.99	6715.59	9.404e+05	-2.110e+04
		-2.110e+04	-9.701e+05	0.56	0.0	270.0	-863.88	136.40	-7075.99	6715.59	-9.701e+05	-2.110e+04
23	14	5.395e+05	6.705e+04	0.41	0.0	0.0	2498.78	-3488.01	494.58	-5330.31	-6.649e+04	5.395e+05
		-4.023e+05	-6.649e+04	-0.04	0.0	270.0	2498.78	-3488.01	494.58	-5330.31	6.705e+04	-4.023e+05
23	15	5.481e+05	2.380e+04	0.42	0.0	0.0	2475.38	-3541.22	-179.48	569.00	2.380e+04	5.481e+05
		-4.081e+05	-2.466e+04	0.01	0.0	270.0	2475.38	-3541.22	-179.48	569.00	-2.466e+04	-4.081e+05
23	16	4.880e+04	5.847e+05	0.04	0.0	0.0	-684.34	-314.77	-4407.30	-6054.91	5.847e+05	4.880e+04
		-3.619e+04	-6.053e+05	0.35	0.0	270.0	-684.34	-314.77	-4407.30	-6054.91	-6.053e+05	-3.619e+04
23	17	-1.181e+04	7.059e+05	-0.01	0.0	0.0	-648.05	102.35	-5310.77	5049.17	7.059e+05	-1.583e+04
		-1.583e+04	-7.281e+05	0.42	0.0	270.0	-648.05	102.35	-5310.77	5049.17	-7.281e+05	-1.181e+04
24	1	-94.44	4147.97	-1.87e-04	0.0	0.0	-1852.94	0.06	23.85	22.07	-2291.88	-109.63
		-109.63	-2291.88	-7.35e-04	0.0	270.0	-1245.44	0.06	23.85	22.07	4147.97	-94.44
24	2	-399.46	2.971e+04	-8.14e-04	0.0	0.0	-1.166e+04	-0.63	164.86	80.66	-1.480e+04	-399.46
		-569.04	-1.480e+04	-4.15e-03	0.0	270.0	-1.166e+04	-0.63	164.86	80.66	2.971e+04	-569.04
24	3	-159.67	1.189e+04	-3.14e-04	0.0	0.0	-4663.02	-0.18	65.95	27.74	-5915.68	-159.67
		-208.71	-5915.68	-1.65e-03	0.0	270.0	-4663.02	-0.18	65.95	27.74	1.189e+04	-208.71

24	4	-244.05	1.780e+04	-4.80e-04	0.0	0.0	-6994.42	-0.27	98.69	43.41	-8841.63	-244.05
		-318.18	-8841.63	-2.47e-03	0.0	270.0	-6994.42	-0.27	98.69	43.41	1.780e+04	-318.18
24	5	-102.00	138.28	-2.47e-04	0.0	0.0	3.62	0.20	1.67	31.15	-313.15	-155.96
		-155.96	-313.15	-2.96e-04	0.0	270.0	3.62	0.20	1.67	31.15	138.28	-102.00
24	6	2.400e+06	6.138e+04	2.69	0.0	0.0	79.34	-1.014e+04	-434.52	-5.129e+04	6.138e+04	2.400e+06
		-3.565e+05	-5.594e+04	0.04	0.0	270.0	79.34	-1.014e+04	-434.52	-5.129e+04	-5.594e+04	-3.565e+05
24	7	2.343e+06	3.916e+04	2.62	0.0	0.0	48.15	-9933.71	-277.41	-4.062e+04	3.916e+04	2.343e+06
		-3.624e+05	-3.574e+04	0.03	0.0	270.0	48.15	-9933.71	-277.41	-4.062e+04	-3.574e+04	-3.624e+05
24	8	2.309e+04	1.367e+06	0.03	0.0	0.0	-1976.37	104.17	-9666.43	-1.009e+04	1.367e+06	2.309e+04
		9275.90	-1.243e+06	0.92	0.0	270.0	-1976.37	104.17	-9666.43	-1.009e+04	-1.243e+06	9275.90
24	9	2.171e+04	1.404e+06	0.02	0.0	0.0	-2033.41	-96.44	-9923.43	-7294.95	1.404e+06	2.171e+04
		-5953.60	-1.276e+06	0.94	0.0	270.0	-2033.41	-96.44	-9923.43	-7294.95	-1.276e+06	-5953.60
24	10	1.428e+06	3.291e+04	1.60	0.0	0.0	42.58	-6038.59	-232.95	-3.042e+04	3.291e+04	1.428e+06
		-2.124e+05	-2.999e+04	0.02	0.0	270.0	42.58	-6038.59	-232.95	-3.042e+04	-2.999e+04	-2.124e+05
24	11	1.395e+06	2.088e+04	1.56	0.0	0.0	25.71	-5915.57	-147.90	-2.431e+04	2.088e+04	1.395e+06
		-2.159e+05	-1.905e+04	0.01	0.0	270.0	25.71	-5915.57	-147.90	-2.431e+04	-1.905e+04	-2.159e+05
24	12	1.323e+04	7.319e+05	0.01	0.0	0.0	-1057.79	61.91	-5173.81	-5931.77	7.319e+05	1.323e+04
		5591.39	-6.651e+05	0.49	0.0	270.0	-1057.79	61.91	-5173.81	-5931.77	-6.651e+05	5591.39
24	13	1.245e+04	7.509e+05	0.01	0.0	0.0	-1087.54	-56.15	-5308.27	-4248.14	7.509e+05	1.245e+04
		-3605.96	-6.823e+05	0.50	0.0	270.0	-1087.54	-56.15	-5308.27	-4248.14	-6.823e+05	-3605.96
24	14	1.072e+06	2.475e+04	1.20	0.0	0.0	32.04	-4534.74	-175.19	-2.298e+04	2.475e+04	1.072e+06
		-1.599e+05	-2.255e+04	0.02	0.0	270.0	32.04	-4534.74	-175.19	-2.298e+04	-2.255e+04	-1.599e+05
24	15	1.070e+06	1.566e+04	1.20	0.0	0.0	19.30	-4539.79	-110.90	-1.867e+04	1.566e+04	1.070e+06
		-1.657e+05	-1.429e+04	0.01	0.0	270.0	19.30	-4539.79	-110.90	-1.867e+04	-1.429e+04	-1.657e+05
24	16	1.009e+04	5.493e+05	0.01	0.0	0.0	-793.96	47.61	-3883.49	-4517.77	5.493e+05	1.009e+04
		4317.31	-4.992e+05	0.37	0.0	270.0	-793.96	47.61	-3883.49	-4517.77	-4.992e+05	4317.31
24	17	9476.59	5.639e+05	0.01	0.0	0.0	-816.70	-42.93	-3986.42	-3220.92	5.639e+05	9476.59
		-2789.74	-5.124e+05	0.38	0.0	270.0	-816.70	-42.93	-3986.42	-3220.92	-5.124e+05	-2789.74
25	1	1.302e+04	685.02	3.37e-03	0.0	0.0	-3106.86	-152.54	4.50	-593.08	-530.18	1.302e+04
		-2.816e+04	-530.18	-2.52e-04	0.0	270.0	-2499.36	-152.54	4.50	-593.08	685.02	-2.816e+04
25	2	2.178e+04	3.054e+04	-6.78e-03	0.0	0.0	-1.100e+04	-289.29	167.19	-1496.00	-1.460e+04	2.178e+04
		-5.633e+04	-1.460e+04	-3.92e-03	0.0	270.0	-1.100e+04	-289.29	167.19	-1496.00	3.054e+04	-5.633e+04
25	3	1.026e+04	1.285e+04	-2.33e-03	0.0	0.0	-3818.86	-130.76	70.83	-12.71	-6271.88	1.026e+04
		-2.505e+04	-6271.88	-1.72e-03	0.0	270.0	-3818.86	-130.76	70.83	-12.71	1.285e+04	-2.505e+04
25	4	1.503e+04	1.914e+04	-3.58e-03	0.0	0.0	-5804.61	-192.65	105.37	-183.13	-9311.31	1.503e+04
		-3.699e+04	-9311.31	-2.55e-03	0.0	270.0	-5804.61	-192.65	105.37	-183.13	1.914e+04	-3.699e+04
25	5	-358.46	624.35	-1.56e-03	0.0	0.0	-281.30	-5.82	4.55	-836.32	-604.23	-358.46
		-1930.31	-604.23	-3.61e-04	0.0	270.0	-281.30	-5.82	4.55	-836.32	624.35	-1930.31
25	6	1.260e+06	2.391e+05	1.05	0.0	0.0	-3640.05	-7588.51	-1795.37	-5.277e+04	2.391e+05	1.260e+06
		-7.898e+05	-2.457e+05	0.14	0.0	270.0	-3640.05	-7588.51	-1795.37	-5.277e+04	-2.457e+05	-7.898e+05
25	7	1.284e+06	-3.746e+04	1.07	0.0	0.0	-3517.59	-7735.52	285.75	-3.878e+04	-3.746e+04	1.284e+06
		-8.052e+05	-3.973e+04	-0.02	0.0	270.0	-3517.59	-7735.52	285.75	-3.878e+04	-3.973e+04	-8.052e+05
25	8	1.175e+05	1.779e+06	0.10	0.0	0.0	-1542.58	-711.72	-1.341e+04	-1.521e+04	1.779e+06	1.175e+05
		-7.477e+04	-1.842e+06	1.06	0.0	270.0	-1542.58	-711.72	-1.341e+04	-1.521e+04	-1.842e+06	-7.477e+04
25	9	2.133e+04	1.530e+06	-0.03	0.0	0.0	-1443.11	199.90	-1.155e+04	1.302e+04	1.530e+06	2.133e+04
		-3.271e+04	-1.589e+06	0.91	0.0	270.0	-1443.11	199.90	-1.155e+04	1.302e+04	-1.589e+06	-3.271e+04
25	10	6.749e+05	1.299e+05	0.56	0.0	0.0	-1943.89	-4070.20	-975.23	-2.888e+04	1.299e+05	6.749e+05
		-4.246e+05	-1.334e+05	0.08	0.0	270.0	-1943.89	-4070.20	-975.23	-2.888e+04	-1.334e+05	-4.246e+05
25	11	6.869e+05	-1.992e+04	0.57	0.0	0.0	-1877.74	-4143.20	151.92	-2.138e+04	-1.992e+04	6.869e+05
		-4.321e+05	-2.112e+04	-0.01	0.0	270.0	-1877.74	-4143.20	151.92	-2.138e+04	-2.112e+04	-4.321e+05
25	12	6.298e+04	9.473e+05	0.05	0.0	0.0	-820.46	-382.11	-7140.36	-8470.24	9.473e+05	6.298e+04
		-4.025e+04	-9.806e+05	0.57	0.0	270.0	-820.46	-382.11	-7140.36	-8470.24	-9.806e+05	-4.025e+04
25	13	1.148e+04	8.216e+05	-0.01	0.0	0.0	-774.07	107.37	-6201.35	7204.25	8.216e+05	1.148e+04
		-1.754e+04	-8.529e+05	0.49	0.0	270.0	-774.07	107.37	-6201.35	7204.25	-8.529e+05	-1.754e+04
25	14	5.066e+05	9.746e+04	0.42	0.0	0.0	-1458.32	-3056.11	-731.56	-2.179e+04	9.746e+04	5.066e+05
		-3.189e+05	-1.001e+05	0.06	0.0	270.0	-1458.32	-3056.11	-731.56	-2.179e+04	-1.001e+05	-3.189e+05
25	15	5.150e+05	-1.495e+04	0.43	0.0	0.0	-1407.12	-3107.05	113.97	-1.613e+04	-1.495e+04	5.150e+05
		-3.242e+05	-1.584e+04	-8.74e-03	0.0	270.0	-1407.12	-3107.05	113.97	-1.613e+04	-1.584e+04	-3.242e+05
25	16	4.730e+04	7.109e+05	0.04	0.0	0.0	-615.30	-287.08	-5357.83	-6361.66	7.109e+05	4.730e+04
		-3.026e+04	-7.358e+05	0.42	0.0	270.0	-615.30	-287.08	-5357.83	-6361.66	-7.358e+05	-3.026e+04
25	17	8639.92	6.166e+05	-0.01	0.0	0.0	-580.79	80.73	-4654.23	5409.05	6.166e+05	-1.318e+04
		-1.318e+04	-6.400e+05	0.37	0.0	270.0	-580.79	80.73	-4654.23	5409.05	-6.400e+05	8639.92
26	1	2.920e+04	1103.12	-4.25e-03	0.0	0.0	-1763.39	163.18	7.11	112.03	-816.87	-1.486e+04
		-1.486e+04	-816.87	-3.69e-04	0.0	270.0	-1763.39	163.18	7.11	112.03	1103.12	2.920e+04
26	2	8.257e+04	2.812e+04	-0.01	0.0	0.0	-1777.18	475.24	152.41	152.84	-1.303e+04	-4.574e+04
		-4.574e+04	-1.303e+04	-3.38e-03	0.0	270.0	-1777.18	475.24	152.41	152.84	2.812e+04	8.257e+04
26	3	3.222e+04	1.145e+04	-5.54e-03	0.0	0.0	-743.98	184.44	62.84	-33.75	-5518.73	-1.758e+04
		-1.758e+04	-5518.73	-1.49e-03	0.0	270.0	-743.98	184.44	62.84	-33.75	1.145e+04	3.222e+04
26	4	4.849e+04	1.715e+04	-8.39e-03	0.0	0.0	-1108.79	277.80	94.06	-18.56	-8246.21	-2.652e+04
		-2.652e+04	-8246.21	-2.23e-03	0.0	270.0	-1108.79	277.80	94.06	-18.56	1.715e+04	4.849e+04
26	5	2.541e+04	1612.41	-4.29e-03	0.0	0.0	1209.26	145.06	10.81	186.48	-1306.42	-1.375e+04
		-1.375e+04	-1306.42	-6.51e-04	0.0	270.0	1209.26	145.06	10.81	186.48	1612.41	2.541e+04
26	6	1.626e+06	2.607e+05	1.05	0.0	0.0	-3608.15	-1.177e+04	-1120.99	9741.75	2.607e+05	1.626e+06
		-1.552e+06	-4.205e+04	0.29	0.0	270.0	-3608.15	-1.177e+04	-1120.99	9741.75	-4.205e+04	-1.552e+06
26	7	1.658e+06	-5617.43	1.07	0.0	0.0	-3661.13	-1.200e+04	90.92	8033.21	-2.037e+04	1.658e+06
		-1.582e+06	-2.037e+04	-0.02	0.0	270.0	-3661.13	-1.200e+04	90.92	8033.21	-5617.43	-1.582e+06

26	8	1.495e+05	1.092e+06	0.10	0.0	0.0	-348.18	-1083.61	-4820.07	-1.431e+04	1.092e+06	1.495e+05
		-1.431e+05	-2.100e+05	1.19	0.0	270.0	-348.18	-1083.61	-4820.07	-1.431e+04	-2.100e+05	-1.431e+05
26	9	3.955e+04	7.752e+05	-0.03	0.0	0.0	89.14	301.49	-3478.15	1.235e+04	7.752e+05	-4.187e+04
		-4.187e+04	-1.643e+05	0.84	0.0	270.0	89.14	301.49	-3478.15	1.235e+04	-1.643e+05	3.955e+04
26	10	8.694e+05	1.423e+05	0.56	0.0	0.0	-1949.42	-6289.28	-611.38	5673.54	1.423e+05	8.694e+05
		-8.289e+05	-2.283e+04	0.16	0.0	270.0	-1949.42	-6289.28	-611.38	5673.54	-2.283e+04	-8.289e+05
26	11	8.852e+05	-3001.56	0.57	0.0	0.0	-1970.05	-6405.68	49.05	4391.26	-1.103e+04	8.852e+05
		-8.444e+05	-1.103e+04	-0.01	0.0	270.0	-1970.05	-6405.68	49.05	4391.26	-3001.56	-8.444e+05
26	12	7.997e+04	5.806e+05	0.05	0.0	0.0	-186.47	-579.18	-2563.17	-7911.38	5.806e+05	7.997e+04
		-7.642e+04	-1.116e+05	0.63	0.0	270.0	-186.47	-579.18	-2563.17	-7911.38	-1.116e+05	-7.642e+04
26	13	2.115e+04	4.206e+05	-0.01	0.0	0.0	48.47	161.30	-1884.96	6784.19	4.206e+05	-2.240e+04
		-2.240e+04	-8.859e+04	0.45	0.0	270.0	48.47	161.30	-1884.96	6784.19	-8.859e+04	2.115e+04
26	14	6.523e+05	1.068e+05	0.42	0.0	0.0	-1466.32	-4718.63	-458.71	4292.75	1.068e+05	6.523e+05
		-6.218e+05	-1.713e+04	0.12	0.0	270.0	-1466.32	-4718.63	-458.71	4292.75	-1.713e+04	-6.218e+05
26	15	6.635e+05	-2252.11	0.43	0.0	0.0	-1479.30	-4800.48	36.99	3309.25	-8326.99	6.635e+05
		-6.328e+05	-8326.99	-9.18e-03	0.0	270.0	-1479.30	-4800.48	36.99	3309.25	-2252.11	-6.328e+05
26	16	6.002e+04	4.358e+05	0.04	0.0	0.0	-140.04	-434.61	-1923.73	-5943.01	4.358e+05	6.002e+04
		-5.734e+04	-8.377e+04	0.48	0.0	270.0	-140.04	-434.61	-1923.73	-5943.01	-8.377e+04	-5.734e+04
26	17	1.589e+04	3.157e+05	-0.01	0.0	0.0	36.49	121.15	-1414.93	5094.68	3.157e+05	-1.683e+04
		-1.683e+04	-6.649e+04	0.34	0.0	270.0	36.49	121.15	-1414.93	5094.68	-6.649e+04	1.589e+04
27	1	3.025e+04	4293.16	8.06e-03	0.0	0.0	-3997.79	-347.91	24.48	-36.55	-2315.76	3.025e+04
		-6.369e+04	-2315.76	-7.18e-04	0.0	270.0	-3997.79	-347.91	24.48	-36.55	4293.16	-6.369e+04
27	2	8.202e+04	1.060e+05	0.02	0.0	0.0	-9238.21	-973.15	579.13	6.81	-5.039e+04	8.202e+04
		-1.807e+05	-5.039e+04	-0.01	0.0	270.0	-9238.21	-973.15	579.13	6.81	1.060e+05	-1.807e+05
27	3	3.260e+04	4.293e+04	8.34e-03	0.0	0.0	-3618.56	-384.10	235.68	34.50	-2.070e+04	3.260e+04
		-7.111e+04	-2.070e+04	-5.61e-03	0.0	270.0	-3618.56	-384.10	235.68	34.50	4.293e+04	-7.111e+04
27	4	4.890e+04	6.435e+04	0.01	0.0	0.0	-5440.93	-576.87	353.20	40.33	-3.101e+04	4.890e+04
		-1.068e+05	-3.101e+04	-8.40e-03	0.0	270.0	-5440.93	-576.87	353.20	40.33	6.435e+04	-1.068e+05
27	5	4.667e+04	6607.69	0.01	0.0	0.0	-3902.83	-539.58	38.44	-68.30	-3771.24	4.667e+04
		-9.902e+04	-3771.24	-1.26e-03	0.0	270.0	-3902.83	-539.58	38.44	-68.30	6607.69	-9.902e+04
27	6	1.361e+06	3.940e+05	1.05	0.0	0.0	1.043e+04	-8784.59	-2042.21	-1.751e+04	3.940e+05	1.361e+06
		-1.019e+06	-1.578e+05	0.38	0.0	270.0	1.043e+04	-8784.59	-2042.21	-1.751e+04	-1.578e+05	-1.019e+06
27	7	1.380e+06	-2.208e+04	1.07	0.0	0.0	1.044e+04	-8866.23	-152.86	-4735.67	-2.523e+04	1.380e+06
		-1.021e+06	-2.523e+04	-0.03	0.0	270.0	1.044e+04	-8866.23	-152.86	-4735.67	-2.208e+04	-1.021e+06
27	8	1.226e+05	1.256e+06	0.10	0.0	0.0	-1051.21	-784.08	-6117.74	-1.825e+04	1.256e+06	1.226e+05
		-8.997e+04	-3.960e+05	1.28	0.0	270.0	-1051.21	-784.08	-6117.74	-1.825e+04	-3.960e+05	-8.997e+04
27	9	2.987e+04	7.758e+05	-0.03	0.0	0.0	-265.66	-247.67	-3701.22	1.196e+04	7.758e+05	-3.726e+04
		-3.726e+04	-2.243e+05	0.80	0.0	270.0	-265.66	-247.67	-3701.22	1.196e+04	-2.243e+05	-3.726e+04
27	10	7.315e+05	2.150e+05	0.56	0.0	0.0	5709.96	-4746.07	-1112.30	-9483.05	2.150e+05	7.315e+05
		-5.553e+05	-8.557e+04	0.21	0.0	270.0	5709.96	-4746.07	-1112.30	-9483.05	-8.557e+04	-5.553e+05
27	11	7.404e+05	-1.183e+04	0.57	0.0	0.0	5680.60	-4779.13	-83.74	-2744.51	-1.403e+04	7.404e+05
		-5.544e+05	-1.403e+04	-0.01	0.0	270.0	5680.60	-4779.13	-83.74	-2744.51	-1.183e+04	-5.544e+05
27	12	6.605e+04	6.680e+05	0.05	0.0	0.0	-568.38	-425.32	-3253.02	-9994.55	6.680e+05	6.605e+04
		-4.933e+04	-2.105e+05	0.68	0.0	270.0	-568.38	-425.32	-3253.02	-9994.55	-2.105e+05	-4.933e+04
27	13	-1.612e+04	4.256e+05	-0.01	0.0	0.0	-147.27	-133.07	-2034.11	6729.00	4.256e+05	-1.997e+04
		-1.997e+04	-1.241e+05	0.44	0.0	270.0	-147.27	-133.07	-2034.11	6729.00	-1.241e+05	-1.997e+04
27	14	5.495e+05	1.613e+05	0.42	0.0	0.0	4307.21	-3569.16	-834.46	-7113.80	1.613e+05	5.495e+05
		-4.184e+05	-6.419e+04	0.16	0.0	270.0	4307.21	-3569.16	-834.46	-7113.80	-6.419e+04	-4.184e+05
27	15	5.555e+05	-8872.75	0.43	0.0	0.0	4275.69	-3588.76	-63.23	-2089.00	-1.065e+04	5.555e+05
		-4.169e+05	-1.065e+04	-0.01	0.0	270.0	4275.69	-3588.76	-63.23	-2089.00	-8872.75	-4.169e+05
27	16	4.966e+04	5.014e+05	0.04	0.0	0.0	-427.92	-320.24	-2441.69	-7513.04	5.014e+05	4.966e+04
		-3.724e+04	-1.580e+05	0.51	0.0	270.0	-427.92	-320.24	-2441.69	-7513.04	-1.580e+05	-3.724e+04
27	17	-1.214e+04	3.195e+05	-0.01	0.0	0.0	-111.33	-100.10	-1526.97	5058.03	3.195e+05	-1.501e+04
		-1.501e+04	-9.316e+04	0.33	0.0	270.0	-111.33	-100.10	-1526.97	5058.03	-9.316e+04	-1.214e+04
28	1	6387.28	1.542e+04	3.58e-04	0.0	0.0	-2.019e+04	-81.52	-168.97	-3.22	1.542e+04	6387.28
		-1.562e+04	-3.020e+04	2.65e-03	0.0	270.0	-2.019e+04	-81.52	-168.97	-3.22	-3.020e+04	-1.562e+04
28	2	3.439e+04	3.606e+04	-1.28e-03	0.0	0.0	-3.366e+04	193.36	178.90	61.61	-1.224e+04	-1.781e+04
		-1.781e+04	-1.224e+04	3.83e-03	0.0	270.0	-3.366e+04	193.36	178.90	61.61	3.606e+04	3.439e+04
28	3	1575.51	2.601e+04	-6.43e-04	0.0	0.0	-2106.07	-37.87	136.03	-6.77	-1.072e+04	1575.51
		-8649.37	-1.072e+04	-1.43e-03	0.0	270.0	-2106.07	-37.87	136.03	-6.77	2.601e+04	-8649.37
28	4	1245.73	3.628e+04	-9.08e-04	0.0	0.0	-4512.67	-42.04	188.97	7.04	-1.474e+04	1245.73
		-1.011e+04	-1.474e+04	2.11e-03	0.0	270.0	-4512.67	-42.04	188.97	7.04	3.628e+04	-1.011e+04
28	5	1.314e+04	4.460e+04	8.46e-04	0.0	0.0	-9453.30	-153.13	-510.95	116.43	4.460e+04	1.314e+04
		-2.820e+04	-9.335e+04	7.18e-03	0.0	270.0	-9453.30	-153.13	-510.95	116.43	-9.335e+04	-2.820e+04
28	6	8.499e+05	3.978e+05	-0.06	0.0	0.0	-1.422e+04	-3759.64	6472.58	-3.908e+04	-1.490e+06	8.499e+05
		-2.060e+05	-1.490e+06	-1.02	0.0	270.0	-1.422e+04	-3759.64	6472.58	-3.908e+04	3.978e+05	-2.060e+05
28	7	1.317e+06	3.986e+05	0.33	0.0	0.0	-2.045e+04	-5962.39	6678.74	3049.91	-1.526e+06	1.317e+06
		-3.951e+05	-1.526e+06	-1.02	0.0	270.0	-2.045e+04	-5962.39	6678.74	3049.91	3.986e+05	-3.951e+05
28	8	2.850e+06	3.768e+05	0.70	0.0	0.0	-1.611e+04	-1.158e+04	-1271.99	-4.261e+04	3.768e+05	2.850e+06
		-3.066e+05	9.531e+04	0.34	0.0	270.0	-1.611e+04	-1.158e+04	-1271.99	-4.261e+04	9.531e+04	-3.066e+05
28	9	4.906e+06	2.821e+05	1.22	0.0	0.0	-2.859e+04	-2.092e+04	-677.37	3.978e+04	2.821e+05	4.906e+06
		-9.763e+05	1.415e+05	0.22	0.0	270.0	-2.859e+04	-2.092e+04	-677.37	3.978e+04	1.415e+05	-9.763e+05
28	10	4.983e+05	2.384e+05	-0.03	0.0	0.0	-7736.81	-2206.89	3553.24	-2.136e+04	-8.030e+05	4.983e+05
		-1.218e+05	-8.030e+05	-0.55	0.0	270.0	-7736.81	-2206.89	3553.24	-2.136e+04	2.384e+05	-1.218e+05
28	11	7.105e+05	2.387e+05	0.17	0.0	0.0	-1.088e+04	-3278.92	3656.14	1801.33	-8.209e+05	7.105e+05
		-2.359e+05	-8.209e+05	-0.54	0.0	270.0	-1.088e+04	-3278.92	3656.14	1801.33	2.387e+05	-2.359e+05

28	12	1.582e+06	2.019e+05	0.38	0.0	0.0	-9056.11	-6448.99	-691.28	-2.364e+04	2.019e+05	1.582e+06
		-1.769e+05	5.529e+04	0.19	0.0	270.0	-9056.11	-6448.99	-691.28	-2.364e+04	5.529e+04	-1.769e+05
28	13	2.616e+06	1.518e+05	0.65	0.0	0.0	-1.518e+04	-1.126e+04	-382.54	2.186e+04	1.518e+05	2.616e+06
		-5.716e+05	7.598e+04	0.12	0.0	270.0	-1.518e+04	-1.126e+04	-382.54	2.186e+04	7.598e+04	-5.716e+05
28	14	3.746e+05	1.829e+05	-0.03	0.0	0.0	-5803.69	-1663.27	2681.33	-1.602e+04	1.538e+05	3.746e+05
		-9.354e+04	-6.036e+05	-0.41	0.0	270.0	-5803.69	-1663.27	2681.33	-1.602e+04	1.829e+05	-9.354e+04
28	15	5.336e+05	1.830e+05	0.13	0.0	0.0	-8148.82	-2472.65	2754.71	1376.39	-6.162e+05	5.336e+05
		-1.806e+05	-6.162e+05	-0.41	0.0	270.0	-8148.82	-2472.65	2754.71	1376.39	1.830e+05	-1.806e+05
28	16	1.187e+06	1.518e+05	0.29	0.0	0.0	-6805.27	-4840.35	-522.57	-1.775e+04	4.221e+04	-1.187e+06
		-1.338e+05	4.221e+04	0.14	0.0	270.0	-6805.27	-4840.35	-522.57	-1.775e+04	4.221e+04	-1.338e+05
28	17	1.966e+06	1.141e+05	0.49	0.0	0.0	-1.139e+04	-8484.37	-290.89	1.642e+04	1.141e+05	1.966e+06
		-4.412e+05	5.723e+04	0.09	0.0	270.0	-1.139e+04	-8484.37	-290.89	1.642e+04	5.723e+04	-4.412e+05
29	1	2057.98	833.49	-6.84e-04	0.0	0.0	-2263.94	13.25	-10.94	3.91	833.49	-1519.33
		-1519.33	-2120.77	-2.39e-04	0.0	270.0	-1656.44	13.25	-10.94	3.91	-2120.77	2057.98
29	2	2.359e+04	303.51	-5.53e-03	0.0	0.0	-8644.41	142.18	-5.31	120.71	303.51	-1.480e+04
		-1.480e+04	-1129.25	-2.96e-04	0.0	270.0	-8644.41	142.18	-5.31	120.71	-1129.25	2.359e+04
29	3	1.190e+04	159.18	-2.44e-03	0.0	0.0	-3380.23	70.04	-3.63	2.03	159.18	-7007.17
		-7007.17	-821.73	-2.90e-04	0.0	270.0	-3380.23	70.04	-3.63	2.03	-821.73	1.190e+04
29	4	1.754e+04	246.49	-3.64e-03	0.0	0.0	-5065.00	103.45	-5.40	8.73	246.49	-1.039e+04
		-1.039e+04	-1211.63	-4.13e-04	0.0	270.0	-5065.00	103.45	-5.40	8.73	-1211.63	1.754e+04
29	5	4452.98	1292.44	1.31e-03	0.0	0.0	440.16	-48.22	-16.17	12.91	1292.44	4452.98
		-8566.06	-3073.25	2.95e-04	0.0	270.0	440.16	-48.22	-16.17	12.91	-3073.25	-8566.06
29	6	1.621e+06	1.110e+04	0.97	0.0	0.0	-2973.37	-1.221e+04	625.45	-1.128e+04	-1.597e+05	1.621e+06
		-1.677e+06	-1.597e+05	-0.19	0.0	270.0	-2973.37	-1.221e+04	625.45	-1.128e+04	1.110e+04	-1.677e+06
29	7	1.772e+06	3.791e+04	1.06	0.0	0.0	-3402.35	-1.335e+04	-157.60	1217.08	3.791e+04	1.772e+06
		-1.833e+06	-5552.13	0.04	0.0	270.0	-3402.35	-1.335e+04	-157.60	1217.08	-5552.13	-1.833e+06
29	8	2.585e+05	6.904e+05	-0.15	0.0	0.0	-503.80	1881.64	-2713.04	-1.313e+04	6.904e+05	-2.496e+05
		-2.496e+05	-4.377e+04	0.81	0.0	270.0	-503.80	1881.64	-2713.04	-1.313e+04	-4.377e+04	2.585e+05
29	9	1.579e+05	9.650e+05	0.10	0.0	0.0	-1017.65	-1167.80	-3804.72	1.147e+04	9.650e+05	1.579e+05
		-1.574e+05	-7.039e+04	1.12	0.0	270.0	-1017.65	-1167.80	-3804.72	1.147e+04	-7.039e+04	-1.574e+05
29	10	8.670e+05	6432.44	0.52	0.0	0.0	-1587.92	-6530.65	346.19	-6198.09	-8.827e+04	8.670e+05
		-8.964e+05	-8.827e+04	-0.10	0.0	270.0	-1587.92	-6530.65	346.19	-6198.09	6432.44	-8.964e+05
29	11	9.457e+05	2.057e+04	0.57	0.0	0.0	-1810.79	-7121.56	-86.12	670.79	2.057e+04	9.457e+05
		-9.772e+05	-3230.73	0.02	0.0	270.0	-1810.79	-7121.56	-86.12	670.79	-3230.73	-9.772e+05
29	12	1.392e+05	3.753e+05	-0.08	0.0	0.0	-289.25	1013.88	-1475.06	-7246.77	3.753e+05	-1.346e+05
		-1.346e+05	-2.414e+04	0.44	0.0	270.0	-289.25	1013.88	-1475.06	-7246.77	-2.414e+04	1.392e+05
29	13	8.620e+04	5.137e+05	0.05	0.0	0.0	-540.27	-637.79	-2028.69	6338.58	5.137e+05	8.620e+04
		-8.602e+04	-3.947e+04	0.60	0.0	270.0	-540.27	-637.79	-2028.69	6338.58	-3.947e+04	-8.602e+04
29	14	6.504e+05	4902.02	0.39	0.0	0.0	-1190.60	-4899.05	259.96	-4652.63	-6.626e+04	6.504e+05
		-6.724e+05	-6.626e+04	-0.08	0.0	270.0	-1190.60	-4899.05	259.96	-4652.63	4902.02	-6.724e+05
29	15	7.087e+05	1.548e+04	0.42	0.0	0.0	-1356.14	-5336.06	-64.95	507.45	1.548e+04	7.087e+05
		-7.322e+05	-2474.30	0.02	0.0	270.0	-1356.14	-5336.06	-64.95	507.45	-2474.30	-7.322e+05
29	16	1.045e+05	2.816e+05	-0.06	0.0	0.0	-216.98	761.25	-1106.99	-5442.66	2.816e+05	-1.011e+05
		-1.011e+05	-1.822e+04	0.33	0.0	270.0	-216.98	761.25	-1106.99	-5442.66	-1.822e+04	1.045e+05
29	17	6.474e+04	3.857e+05	0.04	0.0	0.0	-405.37	-478.89	-1524.30	4765.84	3.857e+05	6.474e+04
		-6.458e+04	-3.011e+04	0.45	0.0	270.0	-405.37	-478.89	-1524.30	4765.84	-3.011e+04	-6.458e+04
30	1	6601.35	4030.65	-3.76e-04	0.0	0.0	-1.630e+04	-88.55	18.46	215.66	-952.82	6601.35
		-1.731e+04	-952.82	7.28e-04	0.0	270.0	-1.529e+04	-88.55	18.46	215.66	4030.65	-1.731e+04
30	2	2.986e+04	1.228e+04	1.78e-03	0.0	0.0	-4.646e+04	-367.55	-92.95	-320.65	1.228e+04	2.986e+04
		-6.938e+04	-1.281e+04	4.36e-03	0.0	270.0	-4.646e+04	-367.55	-92.95	-320.65	-1.281e+04	-6.938e+04
30	3	1.042e+04	1.205e+04	6.06e-04	0.0	0.0	-2217.76	-130.06	-120.91	-12.45	1.205e+04	1.042e+04
		-2.470e+04	-2.059e+04	2.50e-03	0.0	270.0	-2217.76	-130.06	-120.91	-12.45	-2.059e+04	-2.470e+04
30	4	1.592e+04	1.671e+04	9.33e-04	0.0	0.0	-5478.35	-197.78	-165.09	-65.40	1.671e+04	1.592e+04
		-3.748e+04	-2.787e+04	3.56e-03	0.0	270.0	-5478.35	-197.78	-165.09	-65.40	-2.787e+04	-3.748e+04
30	5	2891.38	9544.54	-1.51e-04	0.0	0.0	-4254.30	17.22	53.12	-295.67	-4797.58	-1758.54
		-1758.54	-4797.58	-8.14e-04	0.0	270.0	-4254.30	17.22	53.12	-295.67	9544.54	2891.38
30	6	2.070e+05	5.356e+05	-0.10	0.0	0.0	2.520e+04	2509.44	7541.85	-3.641e+04	-1.564e+06	-4.748e+05
		-4.748e+05	-1.564e+06	-0.97	0.0	270.0	2.520e+04	2509.44	7541.85	-3.641e+04	5.356e+05	2.070e+05
30	7	1.401e+05	5.728e+05	0.03	0.0	0.0	2.260e+04	-688.78	8211.84	5270.09	-1.708e+06	1.401e+05
		6.406e+04	-1.708e+06	-1.07	0.0	270.0	2.260e+04	-688.78	8211.84	5270.09	5.728e+05	6.406e+04
30	8	3.855e+06	2.413e+05	0.87	0.0	0.0	-3.304e+04	-1.888e+04	1161.71	-4.300e+04	2.413e+05	3.855e+06
		-1.261e+06	8.253e+04	0.15	0.0	270.0	-3.304e+04	-1.888e+04	1161.71	-4.300e+04	8.253e+04	-1.261e+06
30	9	4.747e+06	6.308e+04	1.06	0.0	0.0	-3.687e+04	-2.349e+04	813.82	3.802e+04	-1.605e+05	4.747e+06
		-1.643e+06	-1.605e+05	-0.10	0.0	270.0	-3.687e+04	-2.349e+04	813.82	3.802e+04	-1.605e+05	-1.643e+06
30	10	1.137e+05	3.080e+05	-0.06	0.0	0.0	1.340e+04	1382.04	4117.83	-2.002e+04	-8.427e+05	-2.621e+05
		-2.621e+05	-8.427e+05	-0.52	0.0	270.0	1.340e+04	1382.04	4117.83	-2.002e+04	3.080e+05	1.137e+05
30	11	7.659e+04	3.294e+05	0.02	0.0	0.0	1.203e+04	-387.17	4472.69	2838.44	-9.185e+05	7.659e+04
		3.771e+04	-9.185e+05	-0.57	0.0	270.0	1.203e+04	-387.17	4472.69	2838.44	3.294e+05	3.771e+04
30	12	2.079e+06	1.313e+05	0.47	0.0	0.0	-1.777e+04	-1.020e+04	641.23	-2.375e+04	1.313e+05	2.079e+06
		-6.881e+05	4.818e+04	0.08	0.0	270.0	-1.777e+04	-1.020e+04	641.23	-2.375e+04	4.818e+04	-6.881e+05
30	13	2.534e+06	3.556e+04	0.56	0.0	0.0	-1.964e+04	-1.259e+04	448.08	2.102e+04	-8.792e+04	2.534e+06
		-8.986e+05	-8.792e+04	-0.05	0.0	270.0	-1.964e+04	-1.259e+04	448.08	2.102e+04	3.556e+04	-8.986e+05
30	14	8.567e+04	2.345e+05	-0.04	0.0	0.0	1.005e+04	1038.38	3103.09	-1.502e+04	-6.333e+05	8.567e+04
		-1.968e+05	-6.333e+05	-0.39	0.0	270.0	1.005e+04	1038.38	3103.09	-1.502e+04	2.345e+05	-1.968e+05
30	15	5.776e+04	2.505e+05	0.01	0.0	0.0	9006.72	-293.93	3365.98	2133.95	-6.894e+05	5.776e+04
		2.892e+04	-6.894e+05	-0.43	0.0	270.0	9006.72	-293.93	3365.98	2133.95	2.505e+05	2.892e+04

30	16	1.560e+06	9.884e+04	0.35	0.0	0.0	-1.334e+04	-7660.83	484.98	-1.783e+04	9.884e+04	1.560e+06
		-5.185e+05	3.706e+04	0.06	0.0	270.0	-1.334e+04	-7660.83	484.98	-1.783e+04	3.706e+04	-5.185e+05
30	17	1.903e+06	2.713e+04	0.42	0.0	0.0	-1.475e+04	-9474.26	338.32	1.581e+04	-6.618e+04	1.903e+06
		-6.803e+05	-6.618e+04	-0.04	0.0	270.0	-1.475e+04	-9474.26	338.32	1.581e+04	2.713e+04	-6.803e+05
31	1	-73.12	2275.26	-1.31e-04	0.0	0.0	-2045.09	-2.88e-03	-28.19	-3.87	2275.26	-73.12
		-73.90	-5336.10	5.30e-04	0.0	270.0	-1437.59	-2.88e-03	-28.19	-3.87	-5336.10	-73.90
31	2	-447.54	1.125e+04	-8.20e-04	0.0	0.0	-1.028e+04	-0.13	-130.25	-89.43	1.125e+04	-447.54
		-481.63	-2.392e+04	2.97e-03	0.0	270.0	-1.028e+04	-0.13	-130.25	-89.43	-2.392e+04	-481.63
31	3	-170.03	4590.81	-3.09e-04	0.0	0.0	-4115.03	0.01	-52.81	-29.49	4590.81	-170.03
		-174.00	-9667.61	1.22e-03	0.0	270.0	-4115.03	0.01	-52.81	-29.49	-9667.61	-170.03
31	4	-260.33	6910.23	-4.69e-04	0.0	0.0	-6172.40	0.01	-79.38	-44.96	6910.23	-260.33
		-263.36	-1.452e+04	1.85e-03	0.0	270.0	-6172.40	0.01	-79.38	-44.96	-1.452e+04	-260.33
31	5	-69.53	988.90	-1.34e-04	0.0	0.0	25.97	0.03	6.29	7.17	-709.52	-77.82
		-77.82	-709.52	-3.08e-04	0.0	270.0	25.97	0.03	6.29	7.17	988.90	-69.53
31	6	1.716e+06	6.054e+04	1.99	0.0	0.0	104.15	-6829.75	-426.60	-1.638e+05	6.054e+04	1.716e+06
		-1.740e+05	-5.464e+04	0.04	0.0	270.0	104.15	-6829.75	-426.60	-1.638e+05	-5.464e+04	-1.740e+05
31	7	1.910e+06	3.854e+04	2.17	0.0	0.0	65.41	-7892.65	-271.56	-1.574e+05	3.854e+04	1.910e+06
		-2.646e+05	-3.478e+04	0.03	0.0	270.0	65.41	-7892.65	-271.56	-1.574e+05	-3.478e+04	-2.646e+05
31	8	-2.502e+04	1.361e+06	-0.07	0.0	0.0	2360.86	-265.12	-9596.25	-1.196e+04	1.361e+06	-5.846e+04
		-5.846e+04	-1.230e+06	0.92	0.0	270.0	2360.86	-265.12	-9596.25	-1.196e+04	-1.230e+06	-2.502e+04
31	9	4.784e+04	1.398e+06	0.06	0.0	0.0	2425.68	198.31	-9851.90	8219.31	1.398e+06	4.784e+04
		1.575e+04	-1.262e+06	0.94	0.0	270.0	2425.68	198.31	-9851.90	8219.31	-1.262e+06	1.575e+04
31	10	1.020e+06	3.245e+04	1.18	0.0	0.0	55.91	-4064.02	-228.69	-9.766e+04	3.245e+04	1.020e+06
		-1.036e+05	-2.929e+04	0.02	0.0	270.0	55.91	-4064.02	-228.69	-9.766e+04	-2.929e+04	-1.036e+05
31	11	1.136e+06	2.055e+04	1.29	0.0	0.0	34.88	-4697.42	-144.79	-9.380e+04	2.055e+04	1.136e+06
		-1.575e+05	-1.855e+04	0.01	0.0	270.0	34.88	-4697.42	-144.79	-9.380e+04	-1.855e+04	-1.575e+05
31	12	-1.520e+04	7.286e+05	-0.04	0.0	0.0	1263.96	-158.96	-5135.80	-6986.37	7.286e+05	-3.382e+04
		-3.382e+04	-6.581e+05	0.49	0.0	270.0	1263.96	-158.96	-5135.80	-6986.37	-6.581e+05	-1.520e+04
31	13	2.750e+04	7.475e+05	0.03	0.0	0.0	1298.08	117.06	-5269.17	4753.75	7.475e+05	2.750e+04
		9447.65	-6.751e+05	0.50	0.0	270.0	1298.08	117.06	-5269.17	4753.75	-6.751e+05	9447.65
31	14	7.660e+05	2.440e+04	0.89	0.0	0.0	42.07	-3053.86	-171.97	-7.348e+04	2.440e+04	7.660e+05
		-7.871e+04	-2.203e+04	0.02	0.0	270.0	42.07	-3053.86	-171.97	-7.348e+04	-2.203e+04	-7.871e+04
31	15	8.712e+05	1.541e+04	0.99	0.0	0.0	26.16	-3604.56	-108.57	-7.200e+04	1.541e+04	8.712e+05
		-1.209e+05	-1.391e+04	0.01	0.0	270.0	26.16	-3604.56	-108.57	-7.200e+04	-1.391e+04	-1.209e+05
31	16	-1.176e+04	5.469e+05	-0.03	0.0	0.0	948.82	-122.27	-3854.84	-5347.18	5.469e+05	-2.577e+04
		-2.577e+04	-4.939e+05	0.37	0.0	270.0	948.82	-122.27	-3854.84	-5347.18	-4.939e+05	-1.176e+04
31	17	2.087e+04	5.614e+05	0.02	0.0	0.0	974.97	89.61	-3956.86	3625.55	5.614e+05	2.087e+04
		7309.05	-5.070e+05	0.38	0.0	270.0	974.97	89.61	-3956.86	3625.55	-5.070e+05	7309.05
32	1	6399.13	3078.21	-3.46e-04	0.0	0.0	-1.627e+04	-85.26	-28.89	116.08	3078.21	6399.13
		-1.662e+04	-4723.38	7.17e-04	0.0	270.0	-1.526e+04	-85.26	-28.89	116.08	-4723.38	-1.662e+04
32	2	2.461e+04	2.469e+04	1.64e-03	0.0	0.0	-4.882e+04	-279.86	104.48	1228.26	-3518.36	2.461e+04
		-5.095e+04	-3518.36	6.13e-03	0.0	270.0	-4.882e+04	-279.86	104.48	1228.26	-2.469e+04	-5.095e+04
32	3	7879.52	2.685e+04	5.07e-04	0.0	0.0	-3188.29	-91.75	136.54	75.65	1.002e+04	7879.52
		-1.689e+04	-1.002e+04	2.20e-03	0.0	270.0	-3188.29	-91.75	136.54	75.65	2.685e+04	-1.689e+04
32	4	1.217e+04	3.692e+04	7.91e-04	0.0	0.0	-6933.72	-140.79	186.14	234.74	-1.333e+04	1.217e+04
		-2.584e+04	-1.333e+04	3.35e-03	0.0	270.0	-6933.72	-140.79	186.14	234.74	3.692e+04	-2.584e+04
32	5	3331.25	7432.01	-2.77e-04	0.0	0.0	-4236.85	21.74	-72.04	710.51	7432.01	-2538.05
		-2538.05	-1.202e+04	1.64e-03	0.0	270.0	-4236.85	21.74	-72.04	710.51	-1.202e+04	3331.25
32	6	6.834e+05	5.497e+05	0.15	0.0	0.0	-2.611e+04	-3596.06	7634.50	-3.191e+04	-1.580e+06	6.834e+05
		-2.935e+05	-1.580e+06	-0.98	0.0	270.0	-2.611e+04	-3596.06	7634.50	-3.191e+04	5.497e+05	-2.935e+05
32	7	1.154e+05	5.904e+05	-0.02	0.0	0.0	-2.336e+04	-675.35	8319.89	1.495e+04	-1.726e+06	1.154e+05
		-7.252e+04	-1.726e+06	-1.08	0.0	270.0	-2.336e+04	-675.35	8319.89	1.495e+04	5.904e+05	-7.252e+04
32	8	4.757e+06	2.548e+05	1.06	0.0	0.0	-3.527e+04	-2.362e+04	-1284.18	-4.306e+04	2.548e+05	4.757e+06
		-1.661e+06	-9.955e+04	0.15	0.0	270.0	-3.527e+04	-2.362e+04	-1284.18	-4.306e+04	-9.955e+04	-1.661e+06
32	9	4.075e+06	5.193e+04	0.91	0.0	0.0	-3.336e+04	-2.018e+04	709.53	3.717e+04	-1.482e+05	4.075e+06
		-1.412e+06	-1.482e+05	-0.09	0.0	270.0	-3.336e+04	-2.018e+04	709.53	3.717e+04	-5.193e+04	-1.412e+06
32	10	3.715e+05	3.173e+05	0.08	0.0	0.0	-1.389e+04	-1958.43	4176.45	-1.799e+04	-8.525e+05	3.715e+05
		-1.611e+05	-8.525e+05	-0.53	0.0	270.0	-1.389e+04	-1958.43	4176.45	-1.799e+04	3.173e+05	-1.611e+05
32	11	6.182e+04	3.411e+05	-0.01	0.0	0.0	-1.244e+04	-363.79	4542.42	8240.48	-9.293e+05	6.182e+04
		-3.937e+04	-9.293e+05	-0.58	0.0	270.0	-1.244e+04	-363.79	4542.42	8240.48	3.411e+05	-3.937e+04
32	12	2.540e+06	1.384e+05	0.56	0.0	0.0	-1.881e+04	-1.266e+04	-704.70	-2.377e+04	1.384e+05	2.540e+06
		-9.070e+05	-5.677e+04	0.08	0.0	270.0	-1.881e+04	-1.266e+04	-704.70	-2.377e+04	-5.677e+04	-9.070e+05
32	13	2.194e+06	3.077e+04	0.49	0.0	0.0	-1.789e+04	-1.091e+04	399.14	2.042e+04	-8.202e+04	2.194e+06
		-7.758e+05	-8.202e+04	-0.05	0.0	270.0	-1.789e+04	-1.091e+04	399.14	2.042e+04	-3.077e+04	-7.758e+05
32	14	2.789e+05	2.418e+05	0.06	0.0	0.0	-1.041e+04	-1471.74	3148.62	-1.354e+04	-6.408e+05	2.789e+05
		-1.215e+05	-6.408e+05	-0.40	0.0	270.0	-1.041e+04	-1471.74	3148.62	-1.354e+04	2.418e+05	-1.215e+05
32	15	4.643e+04	2.596e+05	-9.23e-03	0.0	0.0	-9312.56	-273.46	3420.16	6221.62	-6.977e+05	4.643e+04
		-2.964e+04	-6.977e+05	-0.43	0.0	270.0	-9312.56	-273.46	3420.16	6221.62	2.596e+05	-2.964e+04
32	16	1.907e+06	1.042e+05	0.42	0.0	0.0	-1.411e+04	-9520.31	-532.81	-1.784e+04	1.042e+05	1.907e+06
		-6.859e+05	-4.347e+04	0.06	0.0	270.0	-1.411e+04	-9520.31	-532.81	-1.784e+04	-4.347e+04	-6.859e+05
32	17	1.648e+06	-2.371e+04	0.37	0.0	0.0	-1.343e+04	-8202.49	302.32	1.533e+04	-6.180e+04	1.648e+06
		-5.869e+05	-6.180e+04	-0.04	0.0	270.0	-1.343e+04	-8202.49	302.32	1.533e+04	-2.371e+04	-5.869e+05
33	1	-5.45	587.78	-6.13e-04	0.0	0.0	-2288.77	1.86	-9.43	-8.30	587.78	-507.33
		-507.33	-1957.51	-4.39e-04	0.0	270.0	-1681.27	1.86	-9.43	-8.30	-1957.51	-5.45
33	2	4135.89	581.61	-6.15e-03	0.0	0.0	-1.358e+04	-85.67	3.32	-148.31	-313.94	4135.89
		-1.900e+04	-313.94	-9.75e-05	0.0	270.0	-1.358e+04	-85.67	3.32	-148.31	581.61	-1.900e+04

33	3	3438.89	81.85	-2.13e-03	0.0	0.0	-5353.93	-52.37	-1.04	-2.81	81.85	3438.89
		-1.070e+04	-197.93	1.83e-05	0.0	270.0	-5353.93	-52.37	-1.04	-2.81	-197.93	-1.070e+04
33	4	4874.04	122.57	-3.27e-03	0.0	0.0	-8025.38	-75.80	-1.48	-14.35	122.57	4874.04
		-1.559e+04	-275.94	3.02e-05	0.0	270.0	-8025.38	-75.80	-1.48	-14.35	-275.94	-1.559e+04
33	5	9327.28	1023.99	-1.97e-03	0.0	0.0	410.13	55.18	-14.65	-19.46	1023.99	-5571.73
		-5571.73	-2931.85	-4.85e-04	0.0	270.0	410.13	55.18	-14.65	-19.46	-2931.85	9327.28
33	6	1.638e+06	2.042e+05	0.98	0.0	0.0	3072.34	-1.234e+04	-807.64	-1.204e+04	2.042e+05	1.638e+06
		-1.695e+06	-1.642e+04	0.24	0.0	270.0	3072.34	-1.234e+04	-807.64	-1.204e+04	-1.642e+04	-1.695e+06
33	7	1.791e+06	2678.60	1.07	0.0	0.0	3507.42	-1.348e+04	76.80	-1008.39	-1.878e+04	1.791e+06
		-1.850e+06	-1.878e+04	-0.02	0.0	270.0	3507.42	-1.348e+04	76.80	-1008.39	2678.60	-1.850e+06
33	8	2.493e+05	9.837e+05	-0.15	0.0	0.0	-1168.64	1857.09	-3892.55	-1.356e+04	9.837e+05	-2.493e+05
		-2.522e+05	-7.407e+04	1.14	0.0	270.0	-1168.64	1857.09	-3892.55	-1.356e+04	-7.407e+04	-2.522e+05
33	9	1.559e+05	7.391e+05	0.09	0.0	0.0	-471.63	-1176.35	-2924.42	1.153e+04	7.391e+05	1.559e+05
		-1.618e+05	-5.515e+04	0.86	0.0	270.0	-471.63	-1176.35	-2924.42	1.153e+04	-5.515e+04	-1.618e+05
33	10	8.766e+05	1.115e+05	0.52	0.0	0.0	1642.00	-6600.79	-441.99	-6598.84	1.115e+05	8.766e+05
		-9.057e+05	-9432.97	0.13	0.0	270.0	1642.00	-6600.79	-441.99	-6598.84	-9432.97	-9.057e+05
33	11	9.560e+05	1550.88	0.57	0.0	0.0	1868.27	-7195.37	41.79	-580.88	-1.014e+04	9.560e+05
		-9.869e+05	-1.014e+04	-0.01	0.0	270.0	1868.27	-7195.37	41.79	-580.88	1550.88	-9.869e+05
33	12	-1.345e+05	5.237e+05	-0.08	0.0	0.0	-621.07	1001.18	-2075.64	-7501.14	5.237e+05	-1.345e+05
		-1.359e+05	-4.128e+04	0.61	0.0	270.0	-621.07	1001.18	-2075.64	-7501.14	-4.128e+04	-1.359e+05
33	13	8.520e+04	3.999e+05	0.05	0.0	0.0	-269.59	-642.10	-1583.79	6349.56	3.999e+05	8.520e+04
		-8.820e+04	-3.082e+04	0.46	0.0	270.0	-269.59	-642.10	-1583.79	6349.56	-3.082e+04	-8.820e+04
33	14	6.577e+05	8.372e+04	0.39	0.0	0.0	1231.36	-4951.81	-331.91	-4953.85	8.372e+04	6.577e+05
		-6.794e+05	-7175.10	0.10	0.0	270.0	1231.36	-4951.81	-331.91	-4953.85	-7175.10	-6.794e+05
33	15	7.164e+05	1192.03	0.43	0.0	0.0	1399.40	-5391.71	31.61	-444.08	-7653.46	7.164e+05
		-7.394e+05	-7653.46	-8.73e-03	0.0	270.0	1399.40	-5391.71	31.61	-444.08	1192.03	-7.394e+05
33	16	-1.010e+05	3.932e+05	-0.06	0.0	0.0	-465.99	751.76	-1559.02	-5635.74	3.932e+05	-1.010e+05
		-1.020e+05	-3.141e+04	0.46	0.0	270.0	-465.99	751.76	-1559.02	-5635.74	-3.141e+04	-1.020e+05
33	17	6.401e+04	3.003e+05	0.04	0.0	0.0	-202.33	-482.34	-1189.70	4768.92	3.003e+05	6.401e+04
		-6.624e+04	-2.343e+04	0.35	0.0	270.0	-202.33	-482.34	-1189.70	4768.92	-2.343e+04	-6.624e+04
34	1	7346.77	2.614e+04	4.44e-04	0.0	0.0	-2.007e+04	-89.45	139.97	-15.83	-1.165e+04	7346.77
		-1.681e+04	-1.165e+04	-1.73e-03	0.0	270.0	-1.906e+04	-89.45	139.97	-15.83	2.614e+04	-1.681e+04
34	2	8901.14	5.467e+04	2.64e-03	0.0	0.0	-3.440e+04	11.26	-555.27	-197.03	5.467e+04	8901.14
		5862.03	-9.526e+04	0.01	0.0	270.0	-3.440e+04	11.26	-555.27	-197.03	-9.526e+04	5862.03
34	3	1.025e+04	2.639e+04	8.53e-04	0.0	0.0	-2472.29	-102.52	-277.06	-56.74	2.639e+04	1.025e+04
		-1.743e+04	-4.842e+04	4.98e-03	0.0	270.0	-2472.29	-102.52	-277.06	-56.74	-4.842e+04	-1.743e+04
34	4	1.431e+04	3.852e+04	1.24e-03	0.0	0.0	-5053.26	-139.74	-402.57	-103.14	3.852e+04	1.431e+04
		-2.341e+04	-7.017e+04	7.35e-03	0.0	270.0	-5053.26	-139.74	-402.57	-103.14	-7.017e+04	-2.341e+04
34	5	1.185e+04	8.546e+04	6.82e-04	0.0	0.0	-9325.66	-149.00	461.88	-124.82	3.924e+04	1.185e+04
		-2.838e+04	-3.924e+04	-6.04e-03	0.0	270.0	-9325.66	-149.00	461.88	-124.82	8.546e+04	-2.838e+04
34	6	2.313e+05	4.641e+05	0.10	0.0	0.0	1.270e+04	4171.85	6838.48	-4.303e+04	-1.539e+06	-9.346e+05
		-9.346e+05	-1.539e+06	-1.04	0.0	270.0	1.270e+04	4171.85	6838.48	-4.303e+04	4.641e+05	2.313e+05
34	7	3.902e+05	4.665e+05	-0.30	0.0	0.0	1.900e+04	5683.40	7031.05	6366.63	-1.570e+06	-1.223e+06
		-1.223e+06	-1.570e+06	-1.03	0.0	270.0	1.900e+04	5683.40	7031.05	6366.63	4.665e+05	3.902e+05
34	8	5.108e+06	-1.477e+05	1.26	0.0	0.0	-2.971e+04	-2.207e+04	738.86	-4.942e+04	-2.687e+05	5.108e+06
		-1.089e+06	-2.687e+05	-0.18	0.0	270.0	-2.971e+04	-2.207e+04	738.86	-4.942e+04	-1.477e+05	-1.089e+06
34	9	3.094e+06	-9.762e+04	0.76	0.0	0.0	-1.699e+04	-1.300e+04	1015.10	3.461e+04	-3.270e+05	3.094e+06
		-5.782e+05	-3.270e+05	-0.30	0.0	270.0	-1.699e+04	-1.300e+04	1015.10	3.461e+04	-9.762e+04	-5.782e+05
34	10	1.369e+05	2.784e+05	0.06	0.0	0.0	6938.63	2422.88	3771.85	-2.343e+04	-8.305e+05	-5.411e+05
		-5.411e+05	-8.305e+05	-0.56	0.0	270.0	6938.63	2422.88	3771.85	-2.343e+04	2.784e+05	1.369e+05
34	11	2.304e+05	2.802e+05	-0.16	0.0	0.0	1.011e+04	3117.54	3870.83	3830.65	-8.464e+05	-6.590e+05
		-6.590e+05	-8.464e+05	-0.55	0.0	270.0	1.011e+04	3117.54	3870.83	3830.65	2.802e+05	2.304e+05
34	12	2.727e+06	-7.962e+04	0.67	0.0	0.0	-1.578e+04	-1.190e+04	415.34	-2.709e+04	-1.449e+05	2.727e+06
		-6.381e+05	-1.449e+05	-0.09	0.0	270.0	-1.578e+04	-1.190e+04	415.34	-2.709e+04	-7.962e+04	-6.381e+05
34	13	1.702e+06	-5.532e+04	0.41	0.0	0.0	-9399.48	-7203.06	554.55	1.932e+04	-1.752e+05	1.702e+06
		-3.407e+05	-1.752e+05	-0.16	0.0	270.0	-9399.48	-7203.06	554.55	1.932e+04	-5.532e+04	-3.407e+05
34	14	1.052e+05	2.135e+05	0.04	0.0	0.0	5204.59	1826.47	2848.72	-1.757e+04	-6.245e+05	-4.068e+05
		-4.068e+05	-6.245e+05	-0.42	0.0	270.0	5204.59	1826.47	2848.72	-1.757e+04	2.135e+05	1.052e+05
34	15	1.760e+05	2.147e+05	-0.12	0.0	0.0	7572.56	2349.83	2919.37	2935.69	-6.356e+05	-4.949e+05
		-4.949e+05	-6.356e+05	-0.41	0.0	270.0	7572.56	2349.83	2919.37	2935.69	2.147e+05	1.760e+05
34	16	2.049e+06	-5.988e+04	0.50	0.0	0.0	-1.184e+04	-8970.26	313.50	-2.035e+04	-1.087e+05	2.049e+06
		-4.921e+05	-1.087e+05	-0.07	0.0	270.0	-1.184e+04	-8970.26	313.50	-2.035e+04	-5.988e+04	-4.921e+05
34	17	1.279e+06	-4.207e+04	0.31	0.0	0.0	-7058.42	-5426.85	420.08	1.451e+04	-1.318e+05	1.279e+06
		-2.630e+05	-1.318e+05	-0.12	0.0	270.0	-7058.42	-5426.85	420.08	1.451e+04	-4.207e+04	-2.630e+05
35	1	9139.46	781.02	-6.19e-04	0.0	0.0	-9290.69	51.39	-4.94	92.86	781.02	-4734.72
		-4734.72	-552.14	4.62e-04	0.0	270.0	-8480.69	51.39	-4.94	92.86	-552.14	9139.46
35	2	8366.78	3.231e+04	8.21e-04	0.0	0.0	-2.044e+04	-107.77	161.72	178.85	-1.136e+04	8366.78
		-2.073e+04	-1.136e+04	3.94e-03	0.0	270.0	-2.044e+04	-107.77	161.72	178.85	3.231e+04	-2.073e+04
35	3	1241.97	1.765e+04	-6.05e-04	0.0	0.0	-1634.32	-23.45	91.15	-22.09	-6960.92	1241.97
		-5090.68	-6960.92	1.47e-03	0.0	270.0	-1634.32	-23.45	91.15	-22.09	1.765e+04	-5090.68
35	4	2237.39	2.605e+04	-8.78e-04	0.0	0.0	-3262.38	-39.03	134.22	-27.94	-1.019e+04	2237.39
		-8300.24	-1.019e+04	2.25e-03	0.0	270.0	-3262.38	-39.03	134.22	-27.94	2.605e+04	-8300.24
35	5	1.733e+04	6235.76	-1.04e-03	0.0	0.0	-5800.24	95.67	-70.43	-64.88	6235.76	-8499.73
		-8499.73	-1.278e+04	1.28e-03	0.0	270.0	-5800.24	95.67	-70.43	-64.88	-1.278e+04	1.733e+04
35	6	5.500e+05	6.695e+05	-0.04	0.0	0.0	-6882.03	-3309.12	7364.61	-2.937e+04	-1.329e+06	5.500e+05
		-3.692e+05	-1.329e+06	-0.94	0.0	270.0	-6882.03	-3309.12	7364.61	-2.937e+04	6.695e+05	-3.692e+05

35	7	7.626e+05	7.225e+05	0.33	0.0	0.0	-8090.33	-3884.02	8129.56	4562.62	-1.485e+06	7.626e+05
		-3.020e+05	-1.485e+06	-1.03	0.0	270.0	-8090.33	-3884.02	8129.56	4562.62	7.225e+05	-3.020e+05
35	8	1.936e+06	6.221e+05	0.68	0.0	0.0	3328.35	-1.129e+04	-3773.42	-5.127e+04	6.221e+05	1.936e+06
		-1.112e+06	-3.998e+05	0.46	0.0	270.0	3328.35	-1.129e+04	-3773.42	-5.127e+04	-3.998e+05	-1.112e+06
35	9	3.263e+06	3.650e+05	1.22	0.0	0.0	1513.64	-1.904e+04	-2538.42	-7.474e+04	3.650e+05	3.263e+06
		-1.884e+06	-3.247e+05	0.11	0.0	270.0	1513.64	-1.904e+04	-2538.42	-7.474e+04	-3.247e+05	-1.884e+06
35	10	3.214e+05	3.664e+05	-0.02	0.0	0.0	-3684.13	-1916.87	3978.38	-1.620e+04	-7.144e+05	3.214e+05
		-2.093e+05	-7.144e+05	-0.50	0.0	270.0	-3684.13	-1916.87	3978.38	-1.620e+04	3.664e+05	-2.093e+05
35	11	4.097e+05	3.963e+05	0.18	0.0	0.0	-4305.63	-2106.62	4387.51	2555.07	-7.966e+05	4.097e+05
		-1.694e+05	-7.966e+05	-0.55	0.0	270.0	-4305.63	-2106.62	4387.51	2555.07	3.963e+05	-1.694e+05
35	12	1.073e+06	3.315e+05	0.37	0.0	0.0	1773.28	-6249.77	-2015.49	-3.041e+04	3.315e+05	1.073e+06
		-6.153e+05	-2.147e+05	0.25	0.0	270.0	1773.28	-6249.77	-2015.49	-3.041e+04	-2.147e+05	-6.153e+05
35	13	1.736e+06	1.995e+05	0.65	0.0	0.0	850.76	-1.015e+04	-1375.21	-4.335e+04	1.995e+05	1.736e+06
		-1.009e+06	-1.745e+05	0.06	0.0	270.0	850.76	-1.015e+04	-1375.21	-4.335e+04	-1.745e+05	-1.009e+06
35	14	2.414e+05	2.763e+05	-0.02	0.0	0.0	-2762.86	-1440.31	2991.22	-1.218e+04	-5.365e+05	2.414e+05
		-1.573e+05	-5.365e+05	-0.38	0.0	270.0	-2762.86	-1440.31	2991.22	-1.218e+04	2.763e+05	-1.573e+05
35	15	3.074e+05	2.986e+05	0.13	0.0	0.0	-3224.48	-1584.09	3295.63	1941.04	-5.976e+05	3.074e+05
		-1.282e+05	-5.976e+05	-0.41	0.0	270.0	-3224.48	-1584.09	3295.63	1941.04	2.986e+05	-1.282e+05
35	16	8.047e+05	2.490e+05	0.28	0.0	0.0	1330.96	-4689.61	-1515.00	-2.325e+04	2.490e+05	8.047e+05
		-4.617e+05	-1.616e+05	0.19	0.0	270.0	1330.96	-4689.61	-1515.00	-2.325e+04	-1.616e+05	-4.617e+05
35	17	1.304e+06	1.498e+05	0.49	0.0	0.0	639.54	-7630.82	-1032.89	-3.314e+04	1.498e+05	1.304e+06
		-7.595e+05	-1.311e+05	0.04	0.0	270.0	639.54	-7630.82	-1032.89	-3.314e+04	-1.311e+05	-7.595e+05
36	1	-144.88	566.08	-5.13e-04	0.0	0.0	-2184.63	0.78	3.68	36.53	-426.46	-355.68
		-355.68	-426.46	-1.96e-04	0.0	270.0	-1577.13	0.78	3.68	36.53	566.08	-144.88
36	2	3901.11	169.74	-4.19e-03	0.0	0.0	-8618.17	34.40	2.46	122.37	-494.73	-5385.66
		-5385.66	-494.73	-4.96e-04	0.0	270.0	-8618.17	34.40	2.46	122.37	169.74	3901.11
36	3	3031.34	578.44	-1.59e-03	0.0	0.0	-3240.50	21.59	3.24	5.59	-296.81	-2797.97
		-2797.97	-296.81	-8.56e-05	0.0	270.0	-3240.50	21.59	3.24	5.59	578.44	3031.34
36	4	4555.54	795.12	-2.42e-03	0.0	0.0	-4884.29	32.54	4.46	10.32	-408.49	-4230.93
		-4230.93	-408.49	-1.18e-04	0.0	270.0	-4884.29	32.54	4.46	10.32	795.12	4555.54
36	5	-59.51	20.94	-1.20e-04	0.0	0.0	67.84	0.04	0.17	5.43	-24.72	-70.65
		-70.65	-24.72	-1.75e-05	0.0	270.0	67.84	0.04	0.17	5.43	20.94	-59.51
36	6	1.467e+06	1.920e+04	0.89	0.0	0.0	-559.11	-1.098e+04	574.32	-1.123e+04	-1.372e+05	1.467e+06
		-1.498e+06	-1.372e+05	-0.15	0.0	270.0	-559.11	-1.098e+04	574.32	-1.123e+04	1.920e+04	-1.498e+06
36	7	1.773e+06	3.197e+04	1.07	0.0	0.0	-357.11	-1.326e+04	-140.07	1915.43	3.197e+04	1.773e+06
		-1.809e+06	-7386.22	0.04	0.0	270.0	-357.11	-1.326e+04	-140.07	1915.43	-7386.22	-1.809e+06
36	8	4.469e+05	7.131e+05	-0.27	0.0	0.0	1240.79	3279.29	-3167.19	-1.358e+04	7.131e+05	4.469e+05
		-4.386e+05	-1.736e+05	0.78	0.0	270.0	1240.79	3279.29	-3167.19	-1.358e+04	-1.736e+05	-4.386e+05
36	9	3.369e+05	1.016e+06	0.21	0.0	0.0	1601.91	-2508.46	-4523.53	1.224e+04	1.016e+06	3.369e+05
		-3.404e+05	-2.416e+05	1.11	0.0	270.0	1601.91	-2508.46	-4523.53	1.224e+04	-2.416e+05	-3.404e+05
36	10	7.871e+05	1.094e+04	0.48	0.0	0.0	-298.46	-5890.00	319.47	-6197.62	-7.613e+04	7.871e+05
		-8.032e+05	-7.613e+04	-0.09	0.0	270.0	-298.46	-5890.00	319.47	-6197.62	1.094e+04	-8.032e+05
36	11	9.462e+05	1.782e+04	0.57	0.0	0.0	-190.11	-7077.11	-79.29	1038.49	-4410.59	9.462e+05
		-9.647e+05	-4410.59	0.02	0.0	270.0	-190.11	-7077.11	-79.29	1038.49	-4410.59	-9.647e+05
36	12	2.435e+05	4.022e+05	-0.15	0.0	0.0	670.57	1787.63	-1807.97	-7509.88	4.022e+05	-2.392e+05
		-2.392e+05	-1.031e+05	0.44	0.0	270.0	670.57	1787.63	-1807.97	-7509.88	-1.031e+05	2.435e+05
36	13	1.850e+05	5.622e+05	0.11	0.0	0.0	850.56	-1377.63	-2536.45	6746.46	5.622e+05	1.850e+05
		-1.870e+05	-1.423e+05	0.61	0.0	270.0	850.56	-1377.63	-2536.45	6746.46	-1.423e+05	-1.870e+05
36	14	5.906e+05	8275.61	0.36	0.0	0.0	-223.76	-4418.62	239.97	-4652.17	-5.716e+04	5.906e+05
		-6.025e+05	-5.716e+04	-0.06	0.0	270.0	-223.76	-4418.62	239.97	-4652.17	8275.61	-6.025e+05
36	15	7.091e+05	1.349e+04	0.43	0.0	0.0	-142.38	-5303.01	-60.20	781.86	1.349e+04	7.091e+05
		-7.228e+05	-3385.70	0.01	0.0	270.0	-142.38	-5303.01	-60.20	781.86	-3385.70	-7.228e+05
36	16	1.828e+05	3.047e+05	-0.11	0.0	0.0	503.02	1342.35	-1374.00	-5641.14	3.047e+05	-1.796e+05
		-1.796e+05	-7.908e+04	0.33	0.0	270.0	503.02	1342.35	-1374.00	-5641.14	-7.908e+04	1.828e+05
36	17	1.390e+05	4.257e+05	0.08	0.0	0.0	638.08	-1034.55	-1926.03	5069.76	4.257e+05	1.390e+05
		-1.404e+05	-1.091e+05	0.46	0.0	270.0	638.08	-1034.55	-1926.03	5069.76	-1.091e+05	-1.404e+05
37	1	-1165.40	532.08	-5.61e-04	0.0	0.0	-1.471e+04	-3.34	0.21	25.53	474.70	-1165.40
		-2067.63	474.70	5.29e-04	0.0	270.0	-1.370e+04	-3.34	0.21	25.53	532.08	-2067.63
37	2	1.228e+04	2.730e+04	-1.07e-03	0.0	0.0	-4.060e+04	80.99	-262.32	-118.64	2.730e+04	-9588.30
		-9588.30	-4.353e+04	6.12e-03	0.0	270.0	-4.060e+04	80.99	-262.32	-118.64	-4.353e+04	1.228e+04
37	3	9580.23	1.310e+04	-4.03e-04	0.0	0.0	-2978.45	54.89	-131.11	-21.33	1.310e+04	-5239.41
		-5239.41	-2.230e+04	2.73e-03	0.0	270.0	-2978.45	54.89	-131.11	-21.33	-2.230e+04	9580.23
37	4	1.406e+04	1.943e+04	-5.92e-04	0.0	0.0	-5756.71	80.55	-193.81	-22.35	1.943e+04	-7691.10
		-7691.10	-3.289e+04	4.07e-03	0.0	270.0	-5756.71	80.55	-193.81	-22.35	-3.289e+04	1.406e+04
37	5	8423.00	7205.98	5.14e-04	0.0	0.0	-3721.90	-101.90	38.67	34.84	-3236.13	8423.00
		-1.909e+04	-3236.13	-4.85e-04	0.0	270.0	-3721.90	-101.90	38.67	34.84	7205.98	-1.909e+04
37	6	1.531e+05	6.949e+05	-0.10	0.0	0.0	-3414.03	-2003.20	8294.24	-3.131e+04	-1.564e+06	-4.344e+05
		-4.344e+05	-1.564e+06	-0.90	0.0	270.0	-3414.03	-2003.20	8294.24	-3.131e+04	6.949e+05	-1.531e+05
37	7	2.229e+05	8.683e+05	0.03	0.0	0.0	1589.25	-1744.38	1.020e+04	4181.00	-1.906e+06	2.229e+05
		-2.550e+05	-1.906e+06	-1.08	0.0	270.0	1589.25	-1744.38	1.020e+04	4181.00	8.683e+05	-2.550e+05
37	8	3.869e+06	4.469e+05	0.87	0.0	0.0	6730.18	-1.901e+04	2297.20	-7.596e+04	4.469e+05	3.869e+06
		-1.281e+06	2.006e+05	0.27	0.0	270.0	6730.18	-1.901e+04	2297.20	-7.596e+04	2.006e+05	-1.281e+06
37	9	4.790e+06	3.504e+05	1.06	0.0	0.0	7877.85	-2.399e+04	2939.68	7.464e+04	-4.493e+05	4.790e+06
		-1.732e+06	-4.493e+05	-0.21	0.0	270.0	7877.85	-2.399e+04	2939.68	7.464e+04	3.504e+05	-1.732e+06
37	10	-8.981e+04	3.854e+05	-0.06	0.0	0.0	-1886.83	-1143.50	4506.47	-1.711e+04	-8.435e+05	-2.429e+05
		-2.429e+05	-8.435e+05	-0.48	0.0	270.0	-1886.83	-1143.50	4506.47	-1.711e+04	3.854e+05	-8.981e+04

37	11	1.213e+05	4.780e+05	0.02	0.0	0.0	966.75	-947.51	5509.19	2474.07	-1.022e+06	1.213e+05
		-1.383e+05	-1.022e+06	-0.58	0.0	270.0	966.75	-947.51	5509.19	2474.07	4.780e+05	-1.383e+05
37	12	2.087e+06	2.479e+05	0.47	0.0	0.0	3721.05	-1.028e+04	1301.60	-4.296e+04	2.479e+05	2.087e+06
		-7.003e+05	1.182e+05	0.15	0.0	270.0	3721.05	-1.028e+04	1301.60	-4.296e+04	1.182e+05	-7.003e+05
37	13	2.556e+06	1.880e+05	0.56	0.0	0.0	4208.51	-1.285e+04	1586.19	4.442e+04	-2.440e+05	2.556e+06
		-9.448e+05	-2.440e+05	-0.11	0.0	270.0	4208.51	-1.285e+04	1586.19	4.442e+04	1.880e+05	-9.448e+05
37	14	-6.792e+04	2.912e+05	-0.04	0.0	0.0	-1423.95	-860.35	3389.87	-1.284e+04	-6.336e+05	-1.824e+05
		-1.824e+05	-6.336e+05	-0.36	0.0	270.0	-1423.95	-860.35	3389.87	-1.284e+04	2.912e+05	-6.792e+04
37	15	9.127e+04	3.605e+05	0.01	0.0	0.0	742.30	-712.91	4138.75	1893.14	-7.670e+05	9.127e+04
		-1.040e+05	-7.670e+05	-0.43	0.0	270.0	742.30	-712.91	4138.75	1893.14	3.605e+05	-1.040e+05
37	16	1.567e+06	1.865e+05	0.35	0.0	0.0	2795.79	-7719.46	981.88	-3.265e+04	1.865e+05	1.567e+06
		-5.277e+05	8.964e+04	0.11	0.0	270.0	2795.79	-7719.46	981.88	-3.265e+04	8.964e+04	-5.277e+05
37	17	1.920e+06	1.414e+05	0.42	0.0	0.0	3164.70	-9670.98	1192.62	3.408e+04	-1.834e+05	2.520e+06
		-7.150e+05	-1.834e+05	-0.09	0.0	270.0	3164.70	-9670.98	1192.62	3.408e+04	1.414e+05	-7.150e+05
38	1	182.79	6065.85	-3.60e-04	0.0	0.0	-2067.22	2.12	34.77	-53.35	-3322.51	-388.29
		-388.29	-3322.51	-1.05e-03	0.0	270.0	-1459.72	2.12	34.77	-53.35	6065.85	182.79
38	2	1527.62	4.252e+04	-3.09e-03	0.0	0.0	-8129.85	17.92	235.48	-476.54	-2.106e+04	-3309.74
		-3309.74	-2.106e+04	-5.86e-03	0.0	270.0	-8129.85	17.92	235.48	-476.54	4.252e+04	1527.62
38	3	534.92	1.699e+04	-1.09e-03	0.0	0.0	-3244.78	6.30	93.78	-164.93	-8327.53	-1165.19
		-1165.19	-8327.53	-2.29e-03	0.0	270.0	-3244.78	6.30	93.78	-164.93	1.699e+04	534.92
38	4	815.65	2.546e+04	-1.66e-03	0.0	0.0	-4868.04	9.60	140.45	-251.62	-1.246e+04	-1775.86
		-1775.86	-1.246e+04	-3.43e-03	0.0	270.0	-4868.04	9.60	140.45	-251.62	2.546e+04	815.65
38	5	78.75	1119.35	-1.95e-04	0.0	0.0	-118.89	1.03	-14.25	-20.91	1119.35	-200.28
		-200.28	-2727.01	-2.50e-04	0.0	270.0	-118.89	1.03	-14.25	-20.91	-2727.01	78.75
38	6	7.777e+05	6.216e+04	0.85	0.0	0.0	-312.19	-3549.28	-444.09	-1.401e+05	6.216e+04	7.777e+05
		-2.421e+05	-5.774e+04	0.04	0.0	270.0	-312.19	-3549.28	-444.09	-1.401e+05	5.774e+04	-2.421e+05
38	7	1.004e+06	3.962e+04	1.05	0.0	0.0	-198.48	-4844.11	-283.02	-1.957e+05	3.962e+04	1.004e+06
		-3.577e+05	-3.680e+04	0.03	0.0	270.0	-198.48	-4844.11	-283.02	-1.957e+05	-3.680e+04	-3.577e+05
38	8	8.214e+04	1.414e+06	-0.22	0.0	0.0	-7151.03	1137.85	-1.010e+04	-3.596e+04	1.414e+06	-2.261e+05
		-2.261e+05	-1.314e+06	0.93	0.0	270.0	-7151.03	1137.85	-1.010e+04	-3.596e+04	1.314e+06	8.214e+04
38	9	1.702e+05	1.451e+06	0.17	0.0	0.0	-7337.63	-846.47	-1.037e+04	2.656e+04	1.451e+06	1.702e+05
		-5.908e+04	-1.348e+06	0.96	0.0	270.0	-7337.63	-846.47	-1.037e+04	2.656e+04	-1.348e+06	-5.908e+04
38	10	4.393e+05	3.328e+04	0.48	0.0	0.0	-167.19	-1995.19	-237.79	-8.191e+04	3.328e+04	4.393e+05
		-1.381e+05	-3.092e+04	0.02	0.0	270.0	-167.19	-1995.19	-237.79	-8.191e+04	-3.092e+04	-1.381e+05
38	11	5.656e+05	2.112e+04	0.59	0.0	0.0	-105.86	-2729.71	-150.89	-1.149e+05	2.112e+04	5.656e+05
		-2.050e+05	-1.962e+04	0.01	0.0	270.0	-105.86	-2729.71	-150.89	-1.149e+05	-1.962e+04	-2.050e+05
38	12	4.713e+04	7.566e+05	-0.13	0.0	0.0	-3825.70	642.98	-5405.87	-2.049e+04	7.566e+05	-1.271e+05
		-1.271e+05	7.030e+05	0.50	0.0	270.0	-3825.70	642.98	-5405.87	-2.049e+04	7.030e+05	4.713e+04
38	13	9.517e+04	7.757e+05	0.10	0.0	0.0	-3922.09	-475.09	-5542.35	1.502e+04	-7.207e+05	-3.355e+04
		-3.355e+04	-7.207e+05	0.51	0.0	270.0	-3922.09	-475.09	-5542.35	1.502e+04	-7.207e+05	-3.355e+04
38	14	3.316e+05	2.502e+04	0.36	0.0	0.0	-125.69	-1509.07	-178.76	-6.166e+04	2.502e+04	3.316e+05
		-1.048e+05	-2.324e+04	0.02	0.0	270.0	-125.69	-1509.07	-178.76	-6.166e+04	-2.324e+04	-1.048e+05
38	15	4.293e+05	1.584e+04	0.45	0.0	0.0	-79.38	-2071.62	-113.14	-8.790e+04	1.584e+04	4.293e+05
		-1.561e+05	-1.471e+04	0.01	0.0	270.0	-79.38	-2071.62	-113.14	-8.790e+04	-1.471e+04	-1.561e+05
38	16	3.592e+04	5.678e+05	-0.10	0.0	0.0	-2871.16	487.65	-4057.09	-1.564e+04	5.678e+05	-9.625e+04
		-9.625e+04	5.276e+05	0.37	0.0	270.0	-2871.16	487.65	-4057.09	-1.564e+04	5.276e+05	3.592e+04
38	17	7.185e+04	5.824e+05	0.07	0.0	0.0	-2944.69	-359.19	-4161.25	1.143e+04	-5.411e+05	-2.548e+04
		-2.548e+04	-5.411e+05	0.38	0.0	270.0	-2944.69	-359.19	-4161.25	1.143e+04	-5.411e+05	-2.548e+04
39	1	-1270.99	2163.21	-5.97e-04	0.0	0.0	-1.473e+04	-3.21	-18.50	-56.98	2163.21	-1270.99
		-2138.78	-2831.50	6.07e-04	0.0	270.0	-1.372e+04	-3.21	-18.50	-56.98	-2831.50	-2138.78
39	2	9016.94	8644.90	-5.93e-04	0.0	0.0	-3.933e+04	56.15	-43.11	-77.15	8644.90	-6143.64
		-6143.64	-2995.65	5.19e-03	0.0	270.0	-3.933e+04	56.15	-43.11	-77.15	-2995.65	9016.94
39	3	8337.71	5012.14	-2.41e-04	0.0	0.0	-2452.77	45.01	18.51	37.25	14.69	-3814.61
		-3814.61	14.69	1.77e-03	0.0	270.0	-2452.77	45.01	18.51	37.25	5012.14	8337.71
39	4	1.218e+04	6736.27	-3.51e-04	0.0	0.0	-4968.84	65.72	23.22	38.43	466.03	-5561.26
		-5561.26	466.03	2.70e-03	0.0	270.0	-4968.84	65.72	23.22	38.43	6736.27	1.218e+04
39	5	7548.66	4743.73	4.22e-04	0.0	0.0	-3720.59	-96.58	-49.07	4.15	4743.73	7548.66
		-1.853e+04	-8505.26	9.25e-04	0.0	270.0	-3720.59	-96.58	-49.07	4.15	-8505.26	-1.853e+04
39	6	6.386e+05	6.872e+05	0.15	0.0	0.0	-2856.85	-2965.17	8240.79	-3.601e+04	-1.558e+06	6.386e+05
		1.921e+05	-1.558e+06	-0.90	0.0	270.0	-2856.85	-2965.17	8240.79	-3.601e+04	6.872e+05	1.921e+05
39	7	1.812e+05	8.640e+05	0.03	0.0	0.0	-1922.29	936.77	1.018e+04	-5253.09	-1.903e+06	-1.101e+05
		-1.101e+05	-1.903e+06	-1.08	0.0	270.0	-1922.29	936.77	1.018e+04	-5253.09	8.640e+05	1.812e+05
39	8	4.773e+06	5.691e+05	1.06	0.0	0.0	8195.11	-2.393e+04	-3603.74	-4.237e+04	5.691e+05	4.773e+06
		-1.727e+06	-4.100e+05	0.27	0.0	270.0	8195.11	-2.393e+04	-3603.74	-4.237e+04	-4.100e+05	-1.727e+06
39	9	4.077e+06	-1.687e+05	0.91	0.0	0.0	6804.80	-2.024e+04	-1735.77	3.642e+04	-3.356e+05	4.077e+06
		-1.426e+06	-3.356e+05	-0.21	0.0	270.0	6804.80	-2.024e+04	-1735.77	3.642e+04	-1.687e+05	-1.426e+06
39	10	3.487e+05	3.816e+05	0.08	0.0	0.0	-1610.61	-1639.31	4479.50	-1.968e+04	-8.406e+05	3.487e+05
		1.110e+05	-8.406e+05	-0.48	0.0	270.0	-1610.61	-1639.31	4479.50	-1.968e+04	3.816e+05	1.110e+05
39	11	9.834e+04	4.760e+05	0.01	0.0	0.0	-1092.14	515.82	5496.61	-3063.01	-1.021e+06	6.084e+04
		-6.084e+04	-1.021e+06	-0.58	0.0	270.0	-1092.14	515.82	5496.61	-3063.01	4.760e+05	9.834e+04
39	12	2.548e+06	3.086e+05	0.56	0.0	0.0	4372.53	-1.282e+04	-1947.61	-2.339e+04	3.086e+05	2.548e+06
		-9.412e+05	-2.209e+05	0.15	0.0	270.0	4372.53	-1.282e+04	-1947.61	-2.339e+04	-2.209e+05	-9.412e+05
39	13	2.195e+06	-9.951e+04	0.49	0.0	0.0	3757.54	-1.094e+04	-1000.33	2.003e+04	-1.885e+05	2.195e+06
		-7.840e+05	-1.885e+05	-0.11	0.0	270.0	3757.54	-1.094e+04	-1000.33	2.003e+04	-9.951e+04	-7.840e+05
39	14	2.618e+05	2.884e+05	0.06	0.0	0.0	-1216.20	-1233.10	3369.84	-1.477e+04	-6.314e+05	2.618e+05
		8.416e+04	-6.314e+05	-0.36	0.0	270.0	-1216.20	-1233.10	3369.84	-1.477e+04	2.884e+05	8.416e+04

39	15	7.398e+04	3.590e+05	0.01	0.0	0.0	-828.72	389.56	4129.55	-2337.27	-7.662e+05	-4.603e+04
		-4.603e+04	-7.662e+05	-0.43	0.0	270.0	-828.72	389.56	4129.55	-2337.27	3.590e+05	7.398e+04
39	16	1.914e+06	2.320e+05	0.42	0.0	0.0	3284.96	-9644.04	-1465.09	-1.756e+04	2.320e+05	1.914e+06
		-7.115e+05	-1.663e+05	0.11	0.0	270.0	3284.96	-9644.04	-1465.09	-1.756e+04	-1.663e+05	-7.115e+05
39	17	1.649e+06	-7.527e+04	0.37	0.0	0.0	2827.34	-8230.71	-754.20	1.504e+04	-1.418e+05	1.649e+06
		-5.931e+05	-1.418e+05	-0.08	0.0	270.0	2827.34	-8230.71	-754.20	1.504e+04	-7.527e+04	-5.931e+05
40	1	8942.12	1398.90	-5.81e-04	0.0	0.0	-9279.97	50.00	-10.46	-67.64	1398.90	-4556.62
		-4556.62	-1425.74	6.36e-04	0.0	270.0	-8469.97	50.00	-10.46	-67.64	-1425.74	8942.12
40	2	1.177e+04	1.684e+04	2.09e-03	0.0	0.0	-1.899e+04	-108.01	-145.56	12.42	1.684e+04	1.177e+04
		-1.739e+04	-2.246e+04	5.79e-03	0.0	270.0	-1.899e+04	-108.01	-145.56	12.42	-2.246e+04	-1.739e+04
40	3	2616.45	8165.74	5.02e-04	0.0	0.0	-1054.57	-23.12	-77.21	58.88	8165.74	2616.45
		-3625.32	-1.268e+04	2.35e-03	0.0	270.0	-1054.57	-23.12	-77.21	58.88	-1.268e+04	-3625.32
40	4	4288.27	1.219e+04	7.97e-04	0.0	0.0	-2392.37	-38.49	-114.75	89.39	1.219e+04	4288.27
		-6103.77	-1.879e+04	3.53e-03	0.0	270.0	-2392.37	-38.49	-114.75	89.39	-1.879e+04	-6103.77
40	5	1.844e+04	1.124e+04	-1.30e-03	0.0	0.0	-5794.09	104.31	58.76	121.51	-4623.35	-9726.37
		-9726.37	-4623.35	-7.67e-04	0.0	270.0	-5794.09	104.31	58.76	121.51	1.124e+04	1.844e+04
40	6	4.288e+05	6.894e+05	0.08	0.0	0.0	7470.32	3821.19	7524.45	-2.501e+04	-1.353e+06	-6.214e+05
		-6.214e+05	-1.353e+06	-0.95	0.0	270.0	7470.32	3821.19	7524.45	-2.501e+04	6.894e+05	4.288e+05
40	7	2.653e+05	7.389e+05	-0.31	0.0	0.0	8807.58	3506.37	8256.89	3301.58	-1.503e+06	-6.944e+05
		-6.944e+05	-1.503e+06	-1.04	0.0	270.0	8807.58	3506.37	8256.89	3301.58	7.389e+05	2.653e+05
40	8	3.373e+06	2.944e+05	1.26	0.0	0.0	1549.83	-1.970e+04	2273.06	-2.885e+04	-3.287e+05	3.373e+06
		-1.952e+06	-3.287e+05	-0.06	0.0	270.0	1549.83	-1.970e+04	2273.06	-2.885e+04	2.944e+05	-1.952e+06
40	9	2.076e+06	3.780e+05	0.74	0.0	0.0	3210.55	-1.214e+04	3489.79	2.514e+04	-5.664e+05	2.076e+06
		-1.205e+06	-5.664e+05	-0.41	0.0	270.0	3210.55	-1.214e+04	3489.79	2.514e+04	3.780e+05	-1.205e+06
40	10	2.405e+05	3.776e+05	0.05	0.0	0.0	4003.79	2177.96	4067.16	-1.375e+04	-7.274e+05	-3.573e+05
		-3.573e+05	-7.274e+05	-0.51	0.0	270.0	4003.79	2177.96	4067.16	-1.375e+04	3.776e+05	2.405e+05
40	11	1.480e+05	4.057e+05	-0.16	0.0	0.0	4688.66	1896.30	4459.29	1837.91	-8.069e+05	-3.724e+05
		-3.724e+05	-8.069e+05	-0.56	0.0	270.0	4688.66	1896.30	4459.29	1837.91	4.057e+05	1.480e+05
40	12	1.797e+06	1.585e+05	0.67	0.0	0.0	898.24	-1.052e+04	1238.89	-1.594e+04	-1.814e+05	1.797e+06
		-1.047e+06	-1.814e+05	-0.03	0.0	270.0	898.24	-1.052e+04	1238.89	-1.594e+04	1.585e+05	-1.047e+06
40	13	1.140e+06	2.025e+05	0.40	0.0	0.0	1710.09	-6670.14	1861.16	1.382e+04	-3.014e+05	1.140e+06
		-6.636e+05	-3.014e+05	-0.22	0.0	270.0	1710.09	-6670.14	1861.16	1.382e+04	2.025e+05	-6.636e+05
40	14	1.808e+05	2.848e+05	0.04	0.0	0.0	3002.68	1636.52	3058.29	-1.032e+04	-5.463e+05	-2.684e+05
		-2.684e+05	-5.463e+05	-0.38	0.0	270.0	3002.68	1636.52	3058.29	-1.032e+04	2.848e+05	1.808e+05
40	15	1.119e+05	3.058e+05	-0.12	0.0	0.0	3511.52	1425.33	3350.00	1390.90	-6.054e+05	-2.794e+05
		-2.794e+05	-6.054e+05	-0.42	0.0	270.0	3511.52	1425.33	3350.00	1390.90	3.058e+05	1.119e+05
40	16	1.350e+06	1.189e+05	0.50	0.0	0.0	674.81	-7904.61	929.45	-1.196e+04	-1.361e+05	1.350e+06
		-7.881e+05	-1.361e+05	-0.02	0.0	270.0	674.81	-7904.61	929.45	-1.196e+04	1.189e+05	-7.881e+05
40	17	8.559e+05	1.523e+05	0.30	0.0	0.0	1283.09	-5012.48	1398.65	1.037e+04	-2.264e+05	8.559e+05
		-4.992e+05	-2.264e+05	-0.17	0.0	270.0	1283.09	-5012.48	1398.65	1.037e+04	1.523e+05	-4.992e+05
41	1	1819.76	808.95	-6.14e-04	0.0	0.0	-2186.26	11.75	5.94	-15.50	-795.01	-1353.06
		-1353.06	-795.01	-4.83e-04	0.0	270.0	-1578.76	11.75	5.94	-15.50	808.95	1819.76
41	2	1.199e+04	151.24	-5.41e-03	0.0	0.0	-4357.43	82.40	1.54	-83.64	-263.39	-1.026e+04
		-1.026e+04	-263.39	-2.28e-04	0.0	270.0	-4357.43	82.40	1.54	-83.64	151.24	1.199e+04
41	3	2752.94	589.83	-1.79e-03	0.0	0.0	-1535.69	20.68	3.05	-7.14	-233.95	-2831.33
		-2831.33	-233.95	6.39e-05	0.0	270.0	-1535.69	20.68	3.05	-7.14	589.83	2752.94
41	4	4237.65	816.87	-2.74e-03	0.0	0.0	-2327.11	31.77	4.22	-10.08	-323.05	-4338.99
		-4338.99	-323.05	8.97e-05	0.0	270.0	-2327.11	31.77	4.22	-10.08	816.87	4237.65
41	5	1027.74	233.91	-5.14e-04	0.0	0.0	65.63	7.24	2.60	23.36	-467.24	-927.37
		-927.37	-467.24	-4.25e-04	0.0	270.0	65.63	7.24	2.60	23.36	233.91	1027.74
41	6	1.473e+06	2.147e+05	0.89	0.0	0.0	629.70	-1.102e+04	-936.20	-1.130e+04	2.147e+05	1.473e+06
		-1.503e+06	-3.859e+04	0.24	0.0	270.0	629.70	-1.102e+04	-936.20	-1.130e+04	-3.859e+04	-1.503e+06
41	7	1.780e+06	3878.98	1.08	0.0	0.0	399.80	-1.332e+04	85.40	2619.09	-1.950e+04	1.780e+06
		-1.815e+06	-1.950e+04	-0.02	0.0	270.0	399.80	-1.332e+04	85.40	2619.09	3878.98	-1.815e+06
41	8	4.469e+05	1.025e+06	-0.27	0.0	0.0	1615.93	3293.72	-4387.41	-1.493e+04	1.025e+06	-4.425e+05
		-4.425e+05	-1.614e+05	1.14	0.0	270.0	1615.93	3293.72	-4387.41	-1.493e+04	1.614e+05	4.469e+05
41	9	3.373e+05	7.669e+05	0.20	0.0	0.0	1300.17	-2521.35	-3257.11	1.172e+04	7.669e+05	3.373e+05
		-3.435e+05	-1.141e+05	0.86	0.0	270.0	1300.17	-2521.35	-3257.11	1.172e+04	-1.141e+05	-3.435e+05
41	10	7.901e+05	1.172e+05	0.48	0.0	0.0	336.09	-5910.31	-511.79	-6262.60	1.172e+05	7.901e+05
		-8.057e+05	-2.127e+04	0.13	0.0	270.0	336.09	-5910.31	-511.79	-6262.60	-2.127e+04	-8.057e+05
41	11	9.503e+05	2198.20	0.58	0.0	0.0	212.84	-7105.24	46.42	1416.93	-1.053e+04	9.503e+05
		-9.682e+05	-1.053e+04	-0.01	0.0	270.0	212.84	-7105.24	46.42	1416.93	2198.20	-9.682e+05
41	12	2.437e+05	5.458e+05	-0.15	0.0	0.0	858.37	1796.52	-2337.92	-8217.04	5.458e+05	-2.414e+05
		-2.414e+05	-8.687e+04	0.61	0.0	270.0	858.37	1796.52	-2337.92	-8217.04	-8.687e+04	-2.414e+05
41	13	1.852e+05	4.150e+05	0.11	0.0	0.0	699.60	-1383.93	-1764.51	6481.70	4.150e+05	1.852e+05
		-1.884e+05	-6.252e+04	0.46	0.0	270.0	699.60	-1383.93	-1764.51	6481.70	-6.252e+04	-1.884e+05
41	14	5.928e+05	8.797e+04	0.36	0.0	0.0	251.96	-4433.87	-384.20	-4702.60	8.797e+04	5.928e+05
		-6.044e+05	-1.600e+04	0.10	0.0	270.0	251.96	-4433.87	-384.20	-4702.60	-1.600e+04	-6.044e+05
41	15	7.122e+05	1679.19	0.43	0.0	0.0	159.38	-5324.13	35.09	1065.94	-7942.04	7.122e+05
		-7.254e+05	-7942.04	-8.68e-03	0.0	270.0	159.38	-5324.13	35.09	1065.94	1679.19	-7.254e+05
41	16	1.830e+05	4.097e+05	-0.11	0.0	0.0	643.81	1349.12	-1755.69	-6171.67	4.097e+05	-1.813e+05
		-1.813e+05	-6.545e+04	0.46	0.0	270.0	643.81	1349.12	-1755.69	-6171.67	-6.545e+04	-1.813e+05
41	17	1.391e+05	3.116e+05	0.08	0.0	0.0	524.86	-1039.25	-1325.25	4867.69	3.116e+05	1.391e+05
		-1.415e+05	-4.711e+04	0.35	0.0	270.0	524.86	-1039.25	-1325.25	4867.69	-4.711e+04	-1.415e+05
42	1	747.81	194.19	-5.60e-04	0.0	0.0	-2573.34	5.84	2.57	-29.88	-498.69	-830.07
		-830.07	-498.69	-4.86e-04	0.0	270.0	-1965.84	5.84	2.57	-29.88	194.19	747.81

42	2	6156.46	7898.33	-4.88e-03	0.0	0.0	-1030.04	48.92	45.09	-278.43	-4276.10	-7051.16
		-7051.16	-4276.10	-1.33e-03	0.0	270.0	-1030.04	48.92	45.09	-278.43	7898.33	6156.46
42	3	2146.92	2965.15	-1.70e-03	0.0	0.0	-294.58	17.07	16.56	-93.76	-1506.19	-2462.48
		-2462.48	-1506.19	-4.30e-04	0.0	270.0	-294.58	17.07	16.56	-93.76	2965.15	2146.92
42	4	3275.26	4431.26	-2.60e-03	0.0	0.0	-453.82	26.04	24.72	-143.17	-2242.43	-3755.26
		-3755.26	-2242.43	-6.38e-04	0.0	270.0	-453.82	26.04	24.72	-143.17	4431.26	3275.26
42	5	348.99	1410.06	-2.68e-04	0.0	0.0	-3252.13	2.75	-17.43	-6.48	1410.06	-392.85
		-392.85	-3294.79	3.30e-04	0.0	270.0	-3252.13	2.75	-17.43	-6.48	-3294.79	348.99
42	6	1.232e+06	6.039e+04	0.86	0.0	0.0	341.05	-8509.38	-421.69	-5.142e+04	6.039e+04	1.232e+06
		-1.066e+06	-5.346e+04	0.04	0.0	270.0	341.05	-8509.38	-421.69	-5.142e+04	-5.346e+04	-1.066e+06
42	7	1.564e+06	3.860e+04	1.08	0.0	0.0	217.58	-1.083e+04	-269.47	-1.004e+05	3.860e+04	1.564e+06
		-1.361e+06	-3.416e+04	0.03	0.0	270.0	217.58	-1.083e+04	-269.47	-1.004e+05	-3.416e+04	-1.361e+06
42	8	4.077e+05	1.382e+06	-0.33	0.0	0.0	7663.80	3255.16	-9651.32	-3.167e+04	1.382e+06	4.077e+05
		-4.712e+05	-1.224e+06	0.95	0.0	270.0	7663.80	3255.16	-9651.32	-3.167e+04	-1.224e+06	4.077e+05
42	9	3.691e+05	1.417e+06	0.26	0.0	0.0	7872.63	-2547.77	-9899.89	2.325e+04	1.417e+06	3.691e+05
		-3.188e+05	-1.256e+06	0.97	0.0	270.0	7872.63	-2547.77	-9899.89	2.325e+04	-1.256e+06	-3.188e+05
42	10	6.617e+05	3.231e+04	0.46	0.0	0.0	183.18	-4566.51	-225.56	-3.029e+04	3.231e+04	6.617e+05
		-5.715e+05	-2.859e+04	0.02	0.0	270.0	183.18	-4566.51	-225.56	-3.029e+04	-2.859e+04	-5.715e+05
42	11	8.352e+05	2.058e+04	0.58	0.0	0.0	116.10	-5783.39	-143.64	-5.949e+04	2.058e+04	8.352e+05
		-7.266e+05	-1.821e+04	0.01	0.0	270.0	116.10	-5783.39	-143.64	-5.949e+04	-1.821e+04	-7.266e+05
42	12	2.231e+05	7.391e+05	-0.18	0.0	0.0	4103.10	1780.94	-5162.13	-1.831e+04	7.391e+05	-2.578e+05
		-2.578e+05	-6.547e+05	0.51	0.0	270.0	4103.10	1780.94	-5162.13	-1.831e+04	-6.547e+05	-2.578e+05
42	13	2.030e+05	7.574e+05	0.14	0.0	0.0	4212.20	-1401.14	-5289.93	1.328e+04	7.574e+05	2.030e+05
		-1.753e+05	-6.709e+05	0.52	0.0	270.0	4212.20	-1401.14	-5289.93	1.328e+04	-6.709e+05	-1.753e+05
42	14	4.965e+05	2.428e+04	0.35	0.0	0.0	137.83	-3426.16	-169.51	-2.308e+04	2.428e+04	4.965e+05
		-4.288e+05	-2.149e+04	0.02	0.0	270.0	137.83	-3426.16	-169.51	-2.308e+04	-2.149e+04	-4.288e+05
42	15	6.259e+05	1.543e+04	0.43	0.0	0.0	87.07	-4334.28	-107.70	-4.556e+04	1.543e+04	6.259e+05
		-5.446e+05	-1.365e+04	0.01	0.0	270.0	87.07	-4334.28	-107.70	-4.556e+04	-1.365e+04	-5.446e+05
42	16	1.676e+05	5.546e+05	-0.13	0.0	0.0	3080.11	1338.06	-3873.84	-1.403e+04	5.546e+05	-1.937e+05
		-1.937e+05	-4.913e+05	0.38	0.0	270.0	3080.11	1338.06	-3873.84	-1.403e+04	-4.913e+05	-1.937e+05
42	17	1.525e+05	5.686e+05	0.11	0.0	0.0	3163.60	-1052.58	-3971.21	1.014e+04	5.686e+05	1.525e+05
		-1.317e+05	-5.036e+05	0.39	0.0	270.0	3163.60	-1052.58	-3971.21	1.014e+04	-5.036e+05	-1.317e+05
43	1	1345.73	1.369e+04	7.77e-05	0.0	0.0	-7185.39	6.80	75.13	167.13	-6597.89	-489.34
		-489.34	-6597.89	-1.34e-03	0.0	270.0	-7185.39	6.80	75.13	167.13	1.369e+04	1345.73
43	2	7860.93	6.992e+04	1.17e-03	0.0	0.0	-1.867e+04	34.51	373.94	369.51	-3.104e+04	-1456.38
		-1456.38	-3.104e+04	-5.73e-03	0.0	270.0	-1.867e+04	34.51	373.94	369.51	6.992e+04	7860.93
43	3	689.58	3.149e+04	2.36e-04	0.0	0.0	-1426.63	2.06	167.16	22.40	-1.365e+04	133.25
		133.25	-1.365e+04	-2.44e-03	0.0	270.0	-1426.63	2.06	167.16	22.40	3.149e+04	689.58
43	4	1437.29	4.678e+04	3.92e-04	0.0	0.0	-2934.24	5.02	248.30	40.41	-2.026e+04	81.94
		81.94	-2.026e+04	-3.62e-03	0.0	270.0	-2934.24	5.02	248.30	40.41	4.678e+04	1437.29
43	5	700.09	975.07	-1.04e-04	0.0	0.0	-5031.25	-9.61	-9.67	-13.78	975.07	700.09
		-1895.87	-1635.62	2.58e-04	0.0	270.0	-5031.25	-9.61	-9.67	-13.78	-1635.62	-1895.87
43	6	8.391e+05	4.141e+05	-0.51	0.0	0.0	-3331.59	7887.56	5344.93	-2.270e+04	-1.043e+06	-1.293e+06
		-1.293e+06	-1.043e+06	-0.74	0.0	270.0	-3331.59	7887.56	5344.93	-2.270e+04	4.141e+05	8.391e+05
43	7	4.358e+05	6.128e+05	-0.23	0.0	0.0	-4983.73	4094.65	7664.13	5288.94	-1.476e+06	-6.713e+05
		-6.713e+05	-1.476e+06	-1.08	0.0	270.0	-4983.73	4094.65	7664.13	5288.94	6.128e+05	4.358e+05
43	8	2.173e+06	2.053e+05	0.83	0.0	0.0	-9941.77	-1.309e+04	2462.51	-3.124e+04	-2.053e+05	-1.362e+06
		-1.362e+06	-4.633e+05	0.16	0.0	270.0	-9941.77	-1.309e+04	2462.51	-3.124e+04	2.053e+05	-1.362e+06
43	9	3.156e+06	3.471e+05	1.11	0.0	0.0	-1.757e+04	-1.911e+04	4225.87	2.470e+04	-8.000e+05	3.156e+06
		-2.006e+06	-8.000e+05	-0.60	0.0	270.0	-1.757e+04	-1.911e+04	4225.87	2.470e+04	3.471e+05	-2.006e+06
43	10	4.543e+05	2.316e+05	-0.28	0.0	0.0	-1954.71	4251.74	2923.63	-1.254e+04	-5.670e+05	-6.954e+05
		-6.954e+05	-2.316e+05	-0.40	0.0	270.0	-1954.71	4251.74	2923.63	-1.254e+04	2.316e+05	-6.954e+05
43	11	2.358e+05	3.391e+05	-0.12	0.0	0.0	-2653.74	2202.99	4139.69	2889.31	-7.916e+05	-3.601e+05
		-3.601e+05	-7.916e+05	-0.58	0.0	270.0	-2653.74	2202.99	4139.69	2889.31	3.391e+05	2.358e+05
43	12	1.186e+06	1.196e+05	0.46	0.0	0.0	-5544.90	-7149.07	1427.49	-1.716e+04	-2.682e+05	1.186e+06
		-7.445e+05	-2.682e+05	0.08	0.0	270.0	-5544.90	-7149.07	1427.49	-1.716e+04	1.196e+05	-7.445e+05
43	13	1.680e+06	1.900e+05	0.59	0.0	0.0	-9315.01	-1.018e+04	2279.62	1.387e+04	-4.296e+05	1.680e+06
		-1.072e+06	-4.296e+05	-0.33	0.0	270.0	-9315.01	-1.018e+04	2279.62	1.387e+04	1.900e+05	-1.072e+06
43	14	3.415e+05	1.750e+05	-0.21	0.0	0.0	-1468.47	3193.35	2198.69	-9415.52	-4.258e+05	-5.220e+05
		-5.220e+05	-4.258e+05	-0.30	0.0	270.0	-1468.47	3193.35	2198.69	-9415.52	1.750e+05	3.415e+05
43	15	1.772e+05	2.560e+05	-0.09	0.0	0.0	-1987.63	1653.87	3110.00	2176.51	-5.938e+05	-2.701e+05
		-2.701e+05	-5.938e+05	-0.43	0.0	270.0	-1987.63	1653.87	3110.00	2176.51	2.560e+05	1.772e+05
43	16	8.901e+05	9.040e+04	0.34	0.0	0.0	-4160.06	-5365.46	1074.32	-1.289e+04	-2.016e+05	8.901e+05
		-5.589e+05	-2.016e+05	0.06	0.0	270.0	-4160.06	-5365.46	1074.32	-1.289e+04	9.040e+04	-5.589e+05
43	17	1.261e+06	1.437e+05	0.44	0.0	0.0	-6988.58	-7650.03	1715.82	1.045e+04	-3.229e+05	1.261e+06
		-8.058e+05	-3.229e+05	-0.24	0.0	270.0	-6988.58	-7650.03	1715.82	1.045e+04	1.437e+05	-8.058e+05
44	1	9943.50	5482.61	-1.05e-03	0.0	0.0	-9350.83	60.23	-63.25	315.08	5482.61	-6319.60
		-6319.60	-1.159e+04	1.09e-03	0.0	270.0	-9350.83	60.23	-63.25	315.08	-1.159e+04	9943.50
44	2	3.097e+04	3.986e+04	-3.25e-03	0.0	0.0	-2.390e+04	187.32	-431.57	1018.51	3.986e+04	-1.960e+04
		-1.960e+04	-7.666e+04	8.77e-03	0.0	270.0	-2.390e+04	187.32	-431.57	1018.51	-7.666e+04	3.097e+04
44	3	8195.58	1.732e+04	-8.40e-04	0.0	0.0	-1689.39	49.34	-184.47	95.56	1.732e+04	-5126.33
		-5126.33	-3.249e+04	3.96e-03	0.0	270.0	-1689.39	49.34	-184.47	95.56	-3.249e+04	8195.58
44	4	1.280e+04	2.590e+04	-1.30e-03	0.0	0.0	-3301.40	76.88	-275.76	160.24	2.590e+04	-7959.46
		-7959.46	-4.855e+04	5.93e-03	0.0	270.0	-3301.40	76.88	-275.76	160.24	-4.855e+04	1.280e+04
44	5	3286.19	4284.42	-2.74e-04	0.0	0.0	-5274.13	19.07	23.07	24.86	-1945.52	-1861.39
		-1861.39	-1945.52	-3.69e-04	0.0	270.0	-5274.13	19.07	23.07	24.86	4284.42	3286.19

44	6	4.995e+05	5.379e+05	0.14	0.0	0.0	667.26	-2923.43	6290.12	-2.135e+04	-1.171e+06	4.995e+05
		-2.933e+05	-1.171e+06	-0.84	0.0	270.0	667.26	-2923.43	6290.12	-2.135e+04	5.379e+05	-2.933e+05
44	7	8.188e+05	7.060e+05	0.31	0.0	0.0	800.93	-4854.17	8151.69	1.115e+04	-1.508e+06	8.188e+05
		-4.952e+05	-1.508e+06	-1.06	0.0	270.0	800.93	-4854.17	8151.69	1.115e+04	7.060e+05	-4.952e+05
44	8	2.264e+06	7.575e+05	0.76	0.0	0.0	-7047.93	-1.380e+04	-4135.37	-2.872e+04	-6.318e+05	2.264e+06
		-1.464e+06	-3.633e+05	0.58	0.0	270.0	-7047.93	-1.380e+04	-4135.37	-2.872e+04	-3.633e+05	-1.464e+06
44	9	3.027e+06	3.029e+05	1.09	0.0	0.0	-8274.32	-1.849e+04	-1671.60	2.457e+04	3.029e+05	3.027e+06
		-1.968e+06	-1.516e+05	-0.04	0.0	270.0	-8274.32	-1.849e+04	-1671.60	2.457e+04	-1.516e+05	-1.968e+06
44	10	2.790e+05	2.963e+05	0.07	0.0	0.0	373.34	-1642.95	3412.86	-1.203e+04	2.963e+05	2.790e+05
		-1.667e+05	-6.318e+05	-0.45	0.0	270.0	373.34	-1642.95	3412.86	-1.203e+04	2.963e+05	-1.667e+05
44	11	4.397e+05	3.868e+05	0.17	0.0	0.0	454.29	-2618.79	4393.94	6152.39	-8.081e+05	4.397e+05
		-2.696e+05	-8.081e+05	-0.56	0.0	270.0	454.29	-2618.79	4393.94	6152.39	3.868e+05	-2.696e+05
44	12	1.226e+06	4.057e+05	0.41	0.0	0.0	-3775.24	-7476.24	-2223.84	-1.580e+04	4.057e+05	1.226e+06
		-7.934e+05	-1.976e+05	0.32	0.0	270.0	-3775.24	-7476.24	-2223.84	-1.580e+04	-1.976e+05	-7.934e+05
44	13	1.612e+06	1.775e+05	0.58	0.0	0.0	-4412.07	-9861.59	-980.91	1.358e+04	1.775e+05	1.612e+06
		-1.052e+06	-8.924e+04	-0.02	0.0	270.0	-4412.07	-9861.59	-980.91	1.358e+04	-8.924e+04	-1.052e+06
44	14	2.097e+05	2.234e+05	0.05	0.0	0.0	281.62	-1236.44	2565.47	-9073.33	4.744e+05	2.097e+05
		-1.258e+05	-4.744e+05	-0.34	0.0	270.0	281.62	-1236.44	2565.47	-9073.33	2.234e+05	-1.258e+05
44	15	3.299e+05	2.915e+05	0.13	0.0	0.0	344.50	-1966.83	3299.62	4648.99	-6.061e+05	3.299e+05
		-2.029e+05	-6.061e+05	-0.42	0.0	270.0	344.50	-1966.83	3299.62	4648.99	2.915e+05	-2.029e+05
44	16	9.197e+05	3.048e+05	0.31	0.0	0.0	-2831.85	-5610.58	-1673.24	-1.186e+04	3.048e+05	9.197e+05
		-5.956e+05	-1.493e+05	0.24	0.0	270.0	-2831.85	-5610.58	-1673.24	-1.186e+04	-1.493e+05	-5.956e+05
44	17	1.211e+06	1.335e+05	0.44	0.0	0.0	-3311.36	-7409.11	-739.19	1.019e+04	1.335e+05	1.211e+06
		-7.912e+05	-6.757e+04	-0.02	0.0	270.0	-3311.36	-7409.11	-739.19	1.019e+04	-6.757e+04	-7.912e+05
45	1	9169.96	1.011e+04	-8.51e-04	0.0	0.0	-9358.67	54.19	51.76	-178.31	-3863.85	-5462.18
		-5462.18	-3863.85	9.55e-04	0.0	270.0	-9358.67	54.19	51.76	-178.31	1.011e+04	9169.96
45	2	2.229e+04	6.434e+04	-1.04e-03	0.0	0.0	-2.391e+04	118.36	330.98	-390.88	-2.502e+04	-9663.28
		-9663.28	-2.502e+04	5.68e-03	0.0	270.0	-2.391e+04	118.36	330.98	-390.88	6.434e+04	2.229e+04
45	3	5095.82	2.819e+04	4.77e-04	0.0	0.0	-1684.92	24.41	148.52	13.81	-1.191e+04	-1494.34
		-1494.34	-1.191e+04	-2.05e-03	0.0	270.0	-1684.92	24.41	148.52	13.81	2.819e+04	5095.82
45	4	8074.66	4.198e+04	7.19e-04	0.0	0.0	-3294.82	38.95	220.88	16.52	-1.766e+04	-2440.86
		-2440.86	-1.766e+04	-3.03e-03	0.0	270.0	-3294.82	38.95	220.88	16.52	4.198e+04	8074.66
45	5	3289.83	2803.99	-2.77e-04	0.0	0.0	-5274.59	19.11	-29.12	40.64	-2803.99	-1870.58
		-1870.58	-5058.50	6.78e-04	0.0	270.0	-5274.59	19.11	-29.12	40.64	-5058.50	3289.83
45	6	2.522e+05	5.598e+05	-0.09	0.0	0.0	-955.24	2491.64	6467.66	-2.130e+04	-1.197e+06	-4.255e+05
		-4.255e+05	-1.197e+06	-0.85	0.0	270.0	-955.24	2491.64	6467.66	-2.130e+04	5.598e+05	2.522e+05
45	7	4.241e+05	7.302e+05	-0.25	0.0	0.0	-1011.72	4208.00	8346.80	1.119e+04	-1.536e+06	-7.160e+05
		-7.160e+05	-1.536e+06	-1.08	0.0	270.0	-1011.72	4208.00	8346.80	1.119e+04	7.302e+05	4.241e+05
45	8	3.052e+06	1.715e+05	1.10	0.0	0.0	-8059.80	-1.866e+04	1918.95	-3.007e+04	-3.482e+05	3.052e+06
		-1.988e+06	-3.482e+05	0.09	0.0	270.0	-8059.80	-1.866e+04	1918.95	-3.007e+04	1.715e+05	-1.988e+06
45	9	2.413e+06	3.295e+05	0.82	0.0	0.0	-7278.00	-1.477e+04	3725.63	2.696e+04	-6.796e+05	2.413e+06
		-1.577e+06	-6.796e+05	-0.53	0.0	270.0	-7278.00	-1.477e+04	3725.63	2.696e+04	3.295e+05	-1.577e+06
45	10	1.450e+05	3.085e+05	-0.05	0.0	0.0	-519.84	1416.96	3511.01	-1.195e+04	-6.461e+05	-2.403e+05
		-2.403e+05	-6.461e+05	-0.46	0.0	270.0	-519.84	1416.96	3511.01	-1.195e+04	3.085e+05	1.450e+05
45	11	2.320e+05	3.998e+05	-0.14	0.0	0.0	-560.36	2275.87	4498.74	6076.77	-8.232e+05	-3.851e+05
		-3.851e+05	-8.232e+05	-0.58	0.0	270.0	-560.36	2275.87	4498.74	6076.77	3.998e+05	2.320e+05
45	12	1.627e+06	1.002e+05	0.59	0.0	0.0	-4304.32	-9956.61	1120.15	-1.666e+04	-2.032e+05	-1.064e+06
		-1.064e+06	-2.032e+05	0.06	0.0	270.0	-4304.32	-9956.61	1120.15	-1.666e+04	1.002e+05	-1.064e+06
45	13	1.302e+06	1.786e+05	0.44	0.0	0.0	-3890.98	-7976.83	1999.33	1.477e+04	-3.634e+05	1.302e+06
		-8.530e+05	-3.634e+05	-0.29	0.0	270.0	-3890.98	-7976.83	1999.33	1.477e+04	1.786e+05	-8.530e+05
45	14	1.095e+05	2.326e+05	-0.04	0.0	0.0	-391.01	1067.45	2639.42	-8994.14	-4.852e+05	-1.808e+05
		-1.808e+05	-4.852e+05	-0.34	0.0	270.0	-391.01	1067.45	2639.42	-8994.14	2.326e+05	1.095e+05
45	15	1.748e+05	3.012e+05	-0.10	0.0	0.0	-422.96	1710.43	3378.24	4574.32	-6.174e+05	-2.891e+05
		-2.891e+05	-6.174e+05	-0.43	0.0	270.0	-422.96	1710.43	3378.24	4574.32	3.012e+05	1.748e+05
45	16	1.221e+06	7.551e+04	0.44	0.0	0.0	-3230.10	-7479.16	842.15	-1.251e+04	-1.526e+05	1.221e+06
		-7.995e+05	-1.526e+05	0.04	0.0	270.0	-3230.10	-7479.16	842.15	-1.251e+04	7.551e+04	-7.995e+05
45	17	9.777e+05	1.348e+05	0.33	0.0	0.0	-2919.69	-5992.26	1503.87	1.108e+04	-2.730e+05	9.777e+05
		-6.412e+05	-2.730e+05	-0.21	0.0	270.0	-2919.69	-5992.26	1503.87	1.108e+04	1.348e+05	-6.412e+05
46	1	2929.99	8070.47	-4.60e-04	0.0	0.0	-7184.78	19.16	-85.44	-116.71	8070.47	-2244.45
		-2244.45	-1.500e+04	1.87e-03	0.0	270.0	-7184.78	19.16	-85.44	-116.71	-1.500e+04	2929.99
46	2	1.571e+04	4.496e+04	-1.73e-03	0.0	0.0	-1.871e+04	95.93	-462.85	-128.81	4.496e+04	-1.019e+04
		-1.019e+04	-8.001e+04	0.01	0.0	270.0	-1.871e+04	95.93	-462.85	-128.81	-8.001e+04	1.571e+04
46	3	2991.99	1.872e+04	-5.28e-04	0.0	0.0	-1445.73	20.07	-198.52	38.19	1.872e+04	-2427.82
		-2427.82	-3.488e+04	4.32e-03	0.0	270.0	-1445.73	20.07	-198.52	38.19	-3.488e+04	2991.99
46	4	5065.71	2.797e+04	-8.22e-04	0.0	0.0	-2962.66	33.37	-296.18	55.92	2.797e+04	-3945.01
		-3945.01	-5.200e+04	6.48e-03	0.0	270.0	-2962.66	33.37	-296.18	55.92	-5.200e+04	5065.71
46	5	151.70	1188.66	-7.81e-04	0.0	0.0	-5028.44	6.49	6.16	68.21	-473.42	-1601.92
		-1601.92	-473.42	9.49e-05	0.0	270.0	-5028.44	6.49	6.16	68.21	1188.66	151.70
46	6	1.417e+06	4.230e+05	0.55	0.0	0.0	3500.27	-8632.98	5381.16	-2.319e+04	-1.043e+06	1.417e+06
		-9.170e+05	-1.043e+06	-0.73	0.0	270.0	3500.27	-8632.98	5381.16	-2.319e+04	4.230e+05	-9.170e+05
46	7	7.346e+05	6.282e+05	0.25	0.0	0.0	4409.82	-4449.49	7762.11	6753.16	-1.486e+06	7.346e+05
		-4.690e+05	-1.486e+06	-1.08	0.0	270.0	4409.82	-4449.49	7762.11	6753.16	6.282e+05	-4.690e+05
46	8	3.191e+06	9.265e+05	1.12	0.0	0.0	-1.793e+04	-1.936e+04	-4943.01	-3.001e+04	9.265e+05	3.191e+06
		-2.039e+06	-4.156e+05	0.69	0.0	270.0	-1.793e+04	-1.936e+04	-4943.01	-3.001e+04	-4.156e+05	-2.039e+06
46	9	2.278e+06	3.946e+05	0.86	0.0	0.0	-1.048e+04	-1.377e+04	-2133.58	2.587e+04	3.946e+05	2.278e+06
		-1.442e+06	-1.856e+05	-0.08	0.0	270.0	-1.048e+04	-1.377e+04	-2133.58	2.587e+04	-1.856e+05	-1.442e+06

46	10	7.625e+05	2.364e+05	0.30	0.0	0.0	2033.56	-4658.17	2944.54	-1.286e+04	-5.672e+05	7.625e+05
		-4.973e+05	-5.672e+05	-0.39	0.0	270.0	2033.56	-4658.17	2944.54	-1.286e+04	2.364e+05	-4.973e+05
46	11	3.947e+05	3.467e+05	0.13	0.0	0.0	2349.91	-2400.24	4190.20	3654.79	-7.966e+05	3.947e+05
		-2.549e+05	-7.966e+05	-0.58	0.0	270.0	2349.91	-2400.24	4190.20	3654.79	3.467e+05	-2.549e+05
46	12	1.699e+06	4.989e+05	0.59	0.0	0.0	-9516.34	-1.032e+04	-2676.10	-1.656e+04	4.989e+05	1.699e+06
		-1.090e+06	-2.286e+05	0.37	0.0	270.0	-9516.34	-1.032e+04	-2676.10	-1.656e+04	-2.286e+05	-1.090e+06
46	13	1.237e+06	2.307e+05	0.47	0.0	0.0	-5760.76	-7487.12	-1247.90	1.421e+04	2.307e+05	1.237e+06
		-7.856e+05	-1.087e+05	-0.04	0.0	270.0	-5760.76	-7487.12	-1247.90	1.421e+04	-1.087e+05	-7.856e+05
46	14	5.725e+05	1.786e+05	0.23	0.0	0.0	1527.95	-3499.29	2214.41	-9657.76	4.260e+05	5.725e+05
		-3.740e+05	-4.260e+05	-0.29	0.0	270.0	1527.95	-3499.29	2214.41	-9657.76	1.786e+05	-3.740e+05
46	15	2.962e+05	2.617e+05	0.10	0.0	0.0	1760.62	-1802.68	3147.60	2748.08	-5.975e+05	2.962e+05
		-1.917e+05	-5.975e+05	-0.43	0.0	270.0	1760.62	-1802.68	3147.60	2748.08	2.617e+05	-1.917e+05
46	16	1.276e+06	3.751e+05	0.45	0.0	0.0	-7138.39	-7753.67	-2015.20	-1.243e+04	3.751e+05	1.276e+06
		-8.194e+05	-1.730e+05	0.28	0.0	270.0	-7138.39	-7753.67	-2015.20	-1.243e+04	-1.730e+05	-8.194e+05
46	17	9.291e+05	1.735e+05	0.35	0.0	0.0	-4322.43	-5624.84	-940.23	1.067e+04	1.735e+05	9.291e+05
		-5.907e+05	-8.235e+04	-0.03	0.0	270.0	-4322.43	-5624.84	-940.23	1.067e+04	-8.235e+04	-5.907e+05
47	1	191.96	1.515e+04	5.08e-05	0.0	0.0	-2526.15	-2.22	84.46	7.56	-7649.44	191.96
		-406.89	-7649.44	-2.17e-03	0.0	270.0	-2526.15	-2.22	84.46	7.56	1.515e+04	-406.89
47	2	2679.78	7.157e+04	-2.73e-03	0.0	0.0	-9727.36	23.18	395.25	-3.22	-3.515e+04	-3578.32
		-3578.32	-3.515e+04	-9.71e-03	0.0	270.0	-9727.36	23.18	395.25	-3.22	7.157e+04	2679.78
47	3	2727.88	2.619e+04	-1.49e-03	0.0	0.0	-3808.28	19.61	144.59	-8.59	-1.285e+04	-2566.14
		-2566.14	-1.285e+04	-3.55e-03	0.0	270.0	-3808.28	19.61	144.59	-8.59	2.619e+04	2727.88
47	4	4066.74	3.956e+04	-2.24e-03	0.0	0.0	-5721.49	29.29	218.41	-11.93	-1.941e+04	-3840.99
		-3840.99	-1.941e+04	-5.35e-03	0.0	270.0	-5721.49	29.29	218.41	-11.93	3.956e+04	4066.74
47	5	587.44	1409.87	-1.68e-04	0.0	0.0	-47.87	3.68	8.00	-3.82	-751.29	-406.38
		-406.38	-751.29	-2.29e-04	0.0	270.0	-47.87	3.68	8.00	-3.82	1409.87	587.44
47	6	1.344e+06	4.694e+04	0.83	0.0	0.0	530.73	-9931.62	846.40	-1.145e+04	-1.817e+05	1.344e+06
		-1.338e+06	-1.817e+05	-0.19	0.0	270.0	530.73	-9931.62	846.40	-1.145e+04	4.694e+04	-1.338e+06
47	7	1.776e+06	3.920e+04	1.10	0.0	0.0	476.62	-1.312e+04	-188.13	1399.43	3.920e+04	1.776e+06
		-1.766e+06	-1.165e+04	0.04	0.0	270.0	476.62	-1.312e+04	-188.13	1399.43	-1.165e+04	-1.766e+06
47	8	6.088e+05	7.733e+05	-0.38	0.0	0.0	2796.18	4530.76	-3597.55	-1.300e+04	7.733e+05	-6.145e+05
		-6.145e+05	-1.981e+05	0.81	0.0	270.0	2796.18	4530.76	-3597.55	-1.300e+04	-1.981e+05	6.088e+05
47	9	5.019e+05	1.078e+06	0.31	0.0	0.0	4010.20	-3702.11	-5023.85	1.221e+04	1.078e+06	5.019e+05
		-4.977e+05	-2.789e+05	1.13	0.0	270.0	4010.20	-3702.11	-5023.85	1.221e+04	-2.789e+05	-4.977e+05
47	10	7.235e+05	2.596e+04	0.45	0.0	0.0	304.72	-5346.29	467.08	-6296.52	-1.002e+05	7.235e+05
		-7.200e+05	-1.002e+05	-0.11	0.0	270.0	304.72	-5346.29	467.08	-6296.52	2.596e+04	-7.200e+05
47	11	9.475e+05	2.123e+04	0.59	0.0	0.0	253.82	-6996.77	-102.06	773.05	2.123e+04	9.475e+05
		-9.417e+05	-6358.46	0.02	0.0	270.0	253.82	-6996.77	-102.06	773.05	-6358.46	-9.417e+05
47	12	3.332e+05	4.203e+05	-0.21	0.0	0.0	1523.14	2480.35	-1955.55	-7210.32	4.203e+05	-3.365e+05
		-3.365e+05	-1.078e+05	0.44	0.0	270.0	1523.14	2480.35	-1955.55	-7210.32	-1.078e+05	3.332e+05
47	13	2.758e+05	5.733e+05	0.17	0.0	0.0	2128.72	-2033.63	-2673.23	6708.70	5.733e+05	2.758e+05
		-2.733e+05	-1.487e+05	0.60	0.0	270.0	2128.72	-2033.63	-2673.23	6708.70	-1.487e+05	-2.733e+05
47	14	5.428e+05	1.949e+04	0.34	0.0	0.0	228.64	-4010.35	350.54	-4725.01	7.100e+05	5.428e+05
		-5.401e+05	-7.518e+04	-0.08	0.0	270.0	228.64	-4010.35	350.54	-4725.01	1.949e+04	-5.401e+05
47	15	7.100e+05	1.597e+04	0.44	0.0	0.0	190.11	-5242.27	-76.81	585.36	1.597e+04	7.100e+05
		-7.055e+05	-4792.99	0.02	0.0	270.0	190.11	-5242.27	-76.81	585.36	-4792.99	-7.055e+05
47	16	2.501e+05	3.153e+05	-0.16	0.0	0.0	1142.65	1862.06	-1467.35	-5415.86	3.153e+05	-2.526e+05
		-2.526e+05	-8.087e+04	0.33	0.0	270.0	1142.65	1862.06	-1467.35	-5415.86	-8.087e+04	2.501e+05
47	17	2.071e+05	4.304e+05	0.13	0.0	0.0	1597.28	-1526.93	-2007.27	5041.18	4.304e+05	2.071e+05
		-2.052e+05	-1.117e+05	0.45	0.0	270.0	1597.28	-1526.93	-2007.27	5041.18	-1.117e+05	-2.052e+05
48	1	1642.59	1.522e+04	-8.24e-04	0.0	0.0	-2525.98	11.58	85.24	-5.55	-7796.62	-1484.92
		-1484.92	-7796.62	-2.24e-03	0.0	270.0	-2525.98	11.58	85.24	-5.55	1.522e+04	1642.59
48	2	1.081e+04	7.124e+04	-5.70e-03	0.0	0.0	-9706.73	77.10	392.58	-18.48	-3.476e+04	-1.000e+04
		-1.000e+04	-3.476e+04	-9.54e-03	0.0	270.0	-9706.73	77.10	392.58	-18.48	7.124e+04	1.081e+04
48	3	2444.22	2.599e+04	-1.67e-03	0.0	0.0	-3799.38	18.60	142.84	3.31	-1.257e+04	-2578.20
		-2578.20	-1.257e+04	-3.42e-03	0.0	270.0	-3799.38	18.60	142.84	3.31	2.599e+04	2444.22
48	4	3761.67	3.929e+04	-2.56e-03	0.0	0.0	-5708.24	28.58	215.91	5.01	-1.901e+04	-3955.60
		-3955.60	-1.901e+04	-5.17e-03	0.0	270.0	-5708.24	28.58	215.91	5.01	3.929e+04	3761.67
48	5	-2.76	1580.91	-2.48e-04	0.0	0.0	-48.94	0.75	9.95	26.31	-1106.92	-204.74
		-204.74	-1106.92	-4.66e-04	0.0	270.0	-48.94	0.75	9.95	26.31	1580.91	-204.74
48	6	1.349e+06	2.243e+05	0.84	0.0	0.0	-652.44	-9964.72	-1044.97	-1.114e+04	2.243e+05	1.349e+06
		-1.342e+06	-5.799e+04	0.24	0.0	270.0	-652.44	-9964.72	-1044.97	-1.114e+04	-5.799e+04	-1.342e+06
48	7	1.786e+06	6152.96	1.11	0.0	0.0	-380.56	-1.318e+04	98.19	2137.65	-2.063e+04	1.786e+06
		-1.774e+06	-2.063e+04	-0.02	0.0	270.0	-380.56	-1.318e+04	98.19	2137.65	6152.96	-1.774e+06
48	8	6.251e+05	1.086e+06	-0.39	0.0	0.0	4052.12	4655.04	-5065.52	-1.416e+04	1.086e+06	-6.318e+05
		-6.318e+05	-2.819e+05	1.14	0.0	270.0	4052.12	4655.04	-5065.52	-1.416e+04	-2.819e+05	6.251e+05
48	9	4.999e+05	8.151e+05	0.31	0.0	0.0	2945.74	-3681.15	-3796.11	1.144e+04	8.151e+05	4.999e+05
		-4.941e+05	-2.101e+05	0.86	0.0	270.0	2945.74	-3681.15	-3796.11	1.144e+04	-2.101e+05	-4.941e+05
48	10	7.266e+05	1.225e+05	0.45	0.0	0.0	-365.80	-5365.29	-571.18	-6157.30	1.225e+05	-7.221e+05
		-7.221e+05	-3.180e+04	0.13	0.0	270.0	-365.80	-5365.29	-571.18	-6157.30	-3.180e+04	-7.221e+05
48	11	9.527e+05	3336.79	0.59	0.0	0.0	-202.45	-7030.96	52.93	1162.27	-1.110e+04	9.527e+05
		-9.457e+05	-1.110e+04	-0.01	0.0	270.0	-202.45	-7030.96	52.93	1162.27	3336.79	-9.457e+05
48	12	3.420e+05	5.780e+05	-0.22	0.0	0.0	2151.82	2547.74	-2696.96	-7800.90	5.780e+05	-3.459e+05
		-3.459e+05	-1.504e+05	0.61	0.0	270.0	2151.82	2547.74	-2696.96	-7800.90	-1.504e+05	3.420e+05
48	13	2.749e+05	4.409e+05	0.17	0.0	0.0	1594.12	-2023.64	-2054.08	6314.65	4.409e+05	2.749e+05
		-2.716e+05	-1.139e+05	0.46	0.0	270.0	1594.12	-2023.64	-2054.08	6314.65	-1.139e+05	-2.716e+05

48	14	5.451e+05	9.192e+04	0.34	0.0	0.0	-274.43	-4024.71	-428.71	-4622.19	9.192e+04	5.451e+05
		-5.417e+05	-2.388e+04	0.10	0.0	270.0	-274.43	-4024.71	-428.71	-4622.19	-2.388e+04	-5.417e+05
48	15	7.139e+05	2520.99	0.44	0.0	0.0	-151.67	-5267.94	39.93	875.57	-8368.83	7.139e+05
		-7.085e+05	-8368.83	-8.68e-03	0.0	270.0	-151.67	-5267.94	39.93	875.57	2520.99	-7.085e+05
48	16	2.568e+05	4.338e+05	-0.16	0.0	0.0	1614.28	1912.95	-2024.74	-5858.27	4.338e+05	-2.597e+05
		-2.597e+05	-1.130e+05	0.46	0.0	270.0	1614.28	1912.95	-2024.74	-5858.27	-1.130e+05	2.568e+05
48	17	2.064e+05	3.310e+05	0.13	0.0	0.0	1196.15	-1519.33	-1542.32	4742.05	3.310e+05	2.064e+05
		-2.039e+05	-8.554e+04	0.35	0.0	270.0	1196.15	-1519.33	-1542.32	4742.05	-8.554e+04	-2.039e+05
49	1	9477.95	1.016e+04	-5.12e-04	0.0	0.0	-5169.51	51.39	57.78	123.20	-5441.69	-4397.08
		-4397.08	-5441.69	-1.25e-03	0.0	270.0	-4359.51	51.39	57.78	123.20	1.016e+04	9477.95
49	2	9345.50	1.523e+04	1.45e-03	0.0	0.0	-1.165e+04	-92.94	77.87	185.74	-5794.01	9345.50
		-1.575e+04	-5794.01	1.46e-03	0.0	270.0	-1.165e+04	-92.94	77.87	185.74	1.523e+04	-1.575e+04
49	3	1353.35	9847.72	2.46e-04	0.0	0.0	-511.74	5.62	48.38	14.27	-3216.02	-164.06
		-164.06	-3216.02	1.42e-03	0.0	270.0	-511.74	5.62	48.38	14.27	9847.72	1353.35
49	4	1124.16	1.407e+04	3.94e-04	0.0	0.0	-1343.02	3.29	68.84	22.45	-4515.60	234.55
		234.55	-4515.60	2.11e-03	0.0	270.0	-1343.02	3.29	68.84	22.45	1.407e+04	1124.16
49	5	2.126e+04	1.975e+04	-1.27e-03	0.0	0.0	-3496.36	117.11	107.87	-1.98	-9371.17	-1.036e+04
		-1.036e+04	-9371.17	-1.87e-03	0.0	270.0	-3496.36	117.11	107.87	-1.98	1.975e+04	2.126e+04
49	6	3.660e+05	5.494e+05	-0.52	0.0	0.0	-3.154e+04	5135.64	5994.99	-2.365e+04	-1.074e+06	-1.049e+06
		-1.049e+06	-1.074e+06	-0.69	0.0	270.0	-3.154e+04	5135.64	5994.99	-2.365e+04	5.494e+05	3.660e+05
49	7	1.319e+05	8.856e+05	-0.23	0.0	0.0	-3.408e+04	2139.44	9349.38	5523.58	-1.645e+06	-4.962e+05
		-4.962e+05	-1.645e+06	-1.10	0.0	270.0	-3.408e+04	2139.44	9349.38	5523.58	8.856e+05	1.319e+05
49	8	1.818e+06	3.745e+05	0.85	0.0	0.0	2.688e+04	-9023.29	3785.24	-2.931e+04	-6.502e+05	1.818e+06
		-6.241e+05	-6.502e+05	0.25	0.0	270.0	2.688e+04	-9023.29	3785.24	-2.931e+04	3.745e+05	-6.241e+05
49	9	2.685e+06	6.542e+05	1.11	0.0	0.0	2.225e+04	-1.372e+04	6310.41	2.623e+04	-1.051e+06	2.685e+06
		-1.039e+06	-1.051e+06	-0.70	0.0	270.0	2.225e+04	-1.372e+04	6310.41	2.623e+04	6.542e+05	-1.039e+06
49	10	2.077e+05	3.045e+05	-0.28	0.0	0.0	-1.681e+04	2800.34	3290.84	-1.307e+04	-5.870e+05	-5.661e+05
		-5.661e+05	-5.870e+05	-0.37	0.0	270.0	-1.681e+04	2800.34	3290.84	-1.307e+04	3.045e+05	2.077e+05
49	11	7.958e+04	4.794e+05	-0.12	0.0	0.0	-1.813e+04	1177.13	5019.50	2976.75	-8.801e+05	-2.675e+05
		-2.675e+05	-8.801e+05	-0.59	0.0	270.0	-1.813e+04	1177.13	5019.50	2976.75	4.794e+05	7.958e+04
49	12	9.940e+05	2.181e+05	0.47	0.0	0.0	1.430e+04	-4946.98	2189.00	-1.618e+04	-3.744e+05	9.940e+05
		-3.455e+05	-3.744e+05	0.14	0.0	270.0	1.430e+04	-4946.98	2189.00	-1.618e+04	2.181e+05	-3.455e+05
49	13	1.430e+06	3.526e+05	0.59	0.0	0.0	1.193e+04	-7334.51	3393.78	1.441e+04	-5.648e+05	1.430e+06
		-5.636e+05	-5.648e+05	-0.38	0.0	270.0	1.193e+04	-7334.51	3393.78	1.441e+04	3.526e+05	-5.636e+05
49	14	1.575e+05	2.291e+05	-0.21	0.0	0.0	-1.260e+04	2107.29	2471.76	-9806.47	-4.406e+05	-4.252e+05
		-4.252e+05	-4.406e+05	-0.28	0.0	270.0	-1.260e+04	2107.29	2471.76	-9806.47	2.291e+05	1.575e+05
49	15	6.112e+04	3.603e+05	-0.09	0.0	0.0	-1.357e+04	888.08	3766.19	2236.09	-6.598e+05	-2.009e+05
		-2.009e+05	-6.598e+05	-0.44	0.0	270.0	-1.357e+04	888.08	3766.19	2236.09	3.603e+05	6.112e+04
49	16	7.460e+05	1.642e+05	0.35	0.0	0.0	1.073e+04	-3714.17	1645.53	-1.214e+04	-2.599e+05	7.460e+05
		-2.599e+05	-2.813e+05	0.10	0.0	270.0	1.073e+04	-3714.17	1645.53	-1.214e+04	1.642e+05	-2.599e+05
49	17	1.074e+06	2.653e+05	0.44	0.0	0.0	8948.17	-5516.45	2550.90	1.082e+04	-4.243e+05	1.074e+06
		-4.259e+05	-4.243e+05	-0.28	0.0	270.0	8948.17	-5516.45	2550.90	1.082e+04	2.653e+05	-4.259e+05
50	1	6734.70	3967.12	-9.84e-04	0.0	0.0	-6667.60	43.40	-50.59	151.56	3967.12	-4982.10
		-4982.10	-9691.17	-6.77e-04	0.0	270.0	-5857.60	43.40	-50.59	151.56	-9691.17	6734.70
50	2	-2028.06	1.393e+04	-2.80e-03	0.0	0.0	-1.197e+04	-19.26	-149.95	283.95	1.393e+04	-2028.06
		-7228.76	-2.655e+04	3.11e-03	0.0	270.0	-1.197e+04	-19.26	-149.95	283.95	-2.655e+04	-7228.76
50	3	1812.81	8020.46	-6.25e-04	0.0	0.0	-602.15	14.45	-79.95	9.99	8020.46	-2087.41
		-2087.41	-1.357e+04	2.10e-03	0.0	270.0	-602.15	14.45	-79.95	9.99	-1.357e+04	1812.81
50	4	2222.58	1.189e+04	-9.65e-04	0.0	0.0	-1293.86	19.16	-118.52	21.64	1.189e+04	-2949.33
		-2949.33	-2.011e+04	3.12e-03	0.0	270.0	-1293.86	19.16	-118.52	21.64	-2.011e+04	2222.58
50	5	2.076e+04	9810.11	-1.26e-03	0.0	0.0	-3407.96	114.69	-110.24	5.20	9810.11	-1.020e+04
		-1.020e+04	-1.995e+04	2.03e-03	0.0	270.0	-3407.96	114.69	-110.24	5.20	-1.995e+04	2.076e+04
50	6	3.910e+05	5.974e+05	0.14	0.0	0.0	2.193e+04	-1750.02	6470.30	-2.400e+04	-1.154e+06	3.910e+05
		-1.338e+05	-1.154e+06	-0.79	0.0	270.0	2.193e+04	-1750.02	6470.30	-2.400e+04	5.974e+05	-1.338e+05
50	7	6.420e+05	8.607e+05	0.32	0.0	0.0	3.210e+04	-2902.42	9143.59	4588.24	-1.614e+06	6.420e+05
		-1.962e+05	-1.614e+06	-1.08	0.0	270.0	3.210e+04	-2902.42	9143.59	4588.24	8.607e+05	-1.962e+05
50	8	1.853e+06	9.718e+05	0.75	0.0	0.0	2.281e+04	-9062.58	-5712.60	-3.045e+04	9.718e+05	1.853e+06
		-6.011e+05	-5.726e+05	0.69	0.0	270.0	2.281e+04	-9062.58	-5712.60	-3.045e+04	-5.726e+05	-6.011e+05
50	9	2.474e+06	4.076e+05	1.10	0.0	0.0	3.993e+04	-1.215e+04	-2389.23	2.472e+04	4.076e+05	2.474e+06
		-8.356e+05	-2.409e+05	-0.10	0.0	270.0	3.993e+04	-1.215e+04	-2389.23	2.472e+04	-2.409e+05	-8.356e+05
50	10	2.199e+05	3.269e+05	0.08	0.0	0.0	1.188e+04	-1007.09	3513.90	-1.324e+04	-6.246e+05	2.199e+05
		-8.013e+04	-6.246e+05	-0.43	0.0	270.0	1.188e+04	-1007.09	3513.90	-1.324e+04	3.269e+05	-8.013e+04
50	11	3.466e+05	4.659e+05	0.17	0.0	0.0	1.707e+04	-1600.28	4908.58	2478.93	-8.636e+05	3.466e+05
		-1.176e+05	-8.636e+05	-0.58	0.0	270.0	1.707e+04	-1600.28	4908.58	2478.93	4.659e+05	-1.176e+05
50	12	1.003e+06	5.211e+05	0.40	0.0	0.0	1.275e+04	-4910.36	-3068.09	-1.671e+04	5.211e+05	1.003e+06
		-3.275e+05	-3.086e+05	0.37	0.0	270.0	1.275e+04	-4910.36	-3068.09	-1.671e+04	-3.086e+05	-3.275e+05
50	13	1.319e+06	2.390e+05	0.59	0.0	0.0	2.117e+04	-6511.39	-1403.05	1.366e+04	2.390e+05	1.319e+06
		-4.587e+05	-1.416e+05	-0.06	0.0	270.0	2.117e+04	-6511.39	-1403.05	1.366e+04	-1.416e+05	-4.587e+05
50	14	1.655e+05	2.459e+05	0.06	0.0	0.0	8910.43	-761.80	2639.01	-9931.76	-4.688e+05	1.655e+05
		-6.141e+04	-4.688e+05	-0.32	0.0	270.0	8910.43	-761.80	2639.01	-9931.76	2.459e+05	-6.141e+04
50	15	2.604e+05	3.502e+05	0.13	0.0	0.0	1.278e+04	-1207.26	3682.91	1863.44	-6.475e+05	2.604e+05
		-9.009e+04	-6.475e+05	-0.43	0.0	270.0	1.278e+04	-1207.26	3682.91	1863.44	3.502e+05	-9.009e+04
50	16	7.528e+05	3.914e+05	0.30	0.0	0.0	9563.59	-3686.70	-2305.98	-1.254e+04	3.914e+05	7.528e+05
		-2.465e+05	-2.323e+05	0.28	0.0	270.0	9563.59	-3686.70	-2305.98	-1.254e+04	-2.323e+05	-2.465e+05
50	17	9.912e+05	1.797e+05	0.44	0.0	0.0	1.589e+04	-4899.93	-1056.02	1.026e+04	1.797e+05	9.912e+05
		-3.477e+05	-1.068e+05	-0.05	0.0	270.0	1.589e+04	-4899.93	-1056.02	1.026e+04	-1.068e+05	-3.477e+05

51	1	5938.24	8250.00	-7.57e-04	0.0	0.0	-6664.36	37.28	39.78	-138.32	-2490.27	-4127.64
		-4127.64	-2490.27	1.38e-03	0.0	270.0	-5854.36	37.28	39.78	-138.32	8250.00	5938.24
51	2	7490.91	1.435e+04	9.32e-04	0.0	0.0	-1.180e+04	-83.60	52.44	-232.20	192.70	7490.91
		-1.508e+04	192.70	6.47e-03	0.0	270.0	-1.180e+04	-83.60	52.44	-232.20	1.435e+04	-1.508e+04
51	3	1320.48	9392.62	4.79e-04	0.0	0.0	-525.87	-7.86	45.36	11.12	-2855.66	1320.48
		-802.64	-2855.66	1.55e-03	0.0	270.0	-525.87	-7.86	45.36	11.12	9392.62	-802.64
51	4	2239.31	1.375e+04	7.08e-04	0.0	0.0	-1180.86	-14.92	65.96	13.19	-4055.11	2239.31
		-1789.38	-4055.11	2.38e-03	0.0	270.0	-1180.86	-14.92	65.96	13.19	1.375e+04	-1789.38
51	5	2.060e+04	1.934e+04	-1.25e-03	0.0	0.0	-3406.95	113.82	105.82	35.78	-9232.44	-1.013e+04
		-1.013e+04	-9232.44	-1.86e-03	0.0	270.0	-3406.95	113.82	105.82	35.78	1.934e+04	2.060e+04
51	6	1.396e+05	6.753e+05	-0.10	0.0	0.0	-2.325e+04	1520.07	7007.78	-2.299e+04	-1.220e+06	-3.312e+05
		-3.312e+05	-1.220e+06	-0.82	0.0	270.0	-2.325e+04	1520.07	7007.78	-2.299e+04	6.753e+05	1.396e+05
51	7	1.770e+05	9.595e+05	-0.25	0.0	0.0	-3.438e+04	2443.73	9823.80	7009.55	-1.697e+06	-5.522e+05
		-5.522e+05	-1.697e+06	-1.12	0.0	270.0	-3.438e+04	2443.73	9823.80	7009.55	9.595e+05	1.770e+05
51	8	2.493e+06	2.953e+05	1.11	0.0	0.0	4.206e+04	-1.225e+04	2962.07	-2.951e+04	-5.059e+05	2.493e+06
		-8.450e+05	-5.059e+05	0.20	0.0	270.0	4.206e+04	-1.225e+04	2962.07	-2.951e+04	2.953e+05	-8.450e+05
51	9	1.982e+06	5.528e+05	0.81	0.0	0.0	2.360e+04	-9814.15	5351.08	2.668e+04	-8.931e+05	1.982e+06
		-6.877e+05	-8.931e+05	-0.62	0.0	270.0	2.360e+04	-9814.15	5351.08	2.668e+04	5.528e+05	-6.877e+05
51	10	8.126e+04	3.684e+05	-0.05	0.0	0.0	-1.261e+04	883.22	3801.98	-1.276e+04	-6.600e+05	-1.886e+05
		-1.886e+05	-6.600e+05	-0.44	0.0	270.0	-1.261e+04	883.22	3801.98	-1.276e+04	3.684e+05	8.126e+04
51	11	1.075e+05	5.173e+05	-0.13	0.0	0.0	-1.828e+04	1360.56	5265.64	3791.29	-9.072e+05	-2.991e+05
		-2.991e+05	-9.072e+05	-0.60	0.0	270.0	-1.828e+04	1360.56	5265.64	3791.29	5.173e+05	1.075e+05
51	12	1.331e+06	1.728e+05	0.59	0.0	0.0	2.232e+04	-6574.30	1724.83	-1.634e+04	-2.937e+05	1.331e+06
		-4.646e+05	-2.937e+05	0.11	0.0	270.0	2.232e+04	-6574.30	1724.83	-1.634e+04	1.728e+05	-4.646e+05
51	13	1.070e+06	2.967e+05	0.43	0.0	0.0	1.306e+04	-5314.49	2866.78	1.460e+04	-4.780e+05	1.070e+06
		-3.782e+05	-4.780e+05	-0.34	0.0	270.0	1.306e+04	-5314.49	2866.78	1.460e+04	2.967e+05	-3.782e+05
51	14	6.214e+04	2.769e+05	-0.04	0.0	0.0	-9451.46	669.36	2854.69	-9581.56	-4.953e+05	-1.421e+05
		-1.421e+05	-4.953e+05	-0.33	0.0	270.0	-9451.46	669.36	2854.69	-9581.56	2.769e+05	6.214e+04
51	15	8.253e+04	3.884e+05	-0.10	0.0	0.0	-1.369e+04	1028.52	3949.49	2849.93	-6.801e+05	-2.249e+05
		-2.249e+05	-6.801e+05	-0.45	0.0	270.0	-1.369e+04	1028.52	3949.49	2849.93	3.884e+05	8.253e+04
51	16	9.995e+05	1.300e+05	0.45	0.0	0.0	1.674e+04	-4946.52	1296.23	-1.226e+04	-2.206e+05	9.995e+05
		-3.521e+05	-2.206e+05	0.09	0.0	270.0	1.674e+04	-4946.52	1296.23	-1.226e+04	1.300e+05	-3.521e+05
51	17	8.037e+05	2.232e+05	0.33	0.0	0.0	9801.87	-3997.64	2153.93	1.096e+04	-3.590e+05	8.037e+05
		-2.862e+05	-3.590e+05	-0.25	0.0	270.0	9801.87	-3997.64	2153.93	1.096e+04	2.232e+05	-2.862e+05
52	1	1.070e+04	6659.22	-8.59e-04	0.0	0.0	-5176.85	61.72	-66.40	-94.83	6659.22	-5961.62
		-5961.62	-1.127e+04	1.75e-03	0.0	270.0	-4366.85	61.72	-66.40	-94.83	-1.127e+04	1.070e+04
52	2	2539.50	1.968e+04	-1.64e-03	0.0	0.0	-1.177e+04	-54.09	-172.10	-41.80	1.968e+04	2539.50
		-1.206e+04	2.678e+04	6.61e-03	0.0	270.0	-1.177e+04	-54.09	-172.10	-41.80	-2.678e+04	-1.206e+04
52	3	2113.72	8491.99	-5.11e-04	0.0	0.0	-564.36	15.27	-83.56	20.98	8491.99	-2008.65
		-2008.65	-1.407e+04	2.28e-03	0.0	270.0	-564.36	15.27	-83.56	20.98	-1.407e+04	2113.72
52	4	2425.45	1.250e+04	-7.95e-04	0.0	0.0	-1421.36	19.03	-122.14	34.60	1.250e+04	-2713.01
		-2713.01	-2.048e+04	3.40e-03	0.0	270.0	-1421.36	19.03	-122.14	34.60	-2.048e+04	2425.45
52	5	2.290e+04	9521.89	-1.74e-03	0.0	0.0	-3508.39	130.94	-109.04	47.88	9521.89	-1.245e+04
		-1.245e+04	-1.992e+04	1.92e-03	0.0	270.0	-3508.39	130.94	-109.04	47.88	-1.992e+04	2.290e+04
52	6	1.149e+06	5.668e+05	0.56	0.0	0.0	3.229e+04	-5635.69	6104.33	-2.326e+04	-1.086e+06	1.149e+06
		-4.085e+05	-1.086e+06	-0.69	0.0	270.0	3.229e+04	-5635.69	6104.33	-2.326e+04	5.668e+05	-4.085e+05
52	7	5.404e+05	9.134e+05	0.25	0.0	0.0	3.453e+04	-2321.39	9549.78	7135.51	-1.670e+06	5.404e+05
		-1.561e+05	-1.670e+06	-1.11	0.0	270.0	3.453e+04	-2321.39	9549.78	7135.51	9.134e+05	-1.561e+05
52	8	2.722e+06	1.217e+06	1.11	0.0	0.0	2.081e+04	-1.400e+04	-7312.53	-3.089e+04	1.217e+06	2.722e+06
		-1.078e+06	-7.593e+05	0.80	0.0	270.0	2.081e+04	-1.400e+04	-7312.53	-3.089e+04	-7.593e+05	-1.078e+06
52	9	1.911e+06	5.517e+05	0.87	0.0	0.0	2.616e+04	-9584.84	-3264.49	2.614e+04	5.517e+05	1.911e+06
		-6.939e+05	-3.322e+05	-0.17	0.0	270.0	2.616e+04	-9584.84	-3264.49	2.614e+04	5.517e+05	-6.939e+05
52	10	6.207e+05	3.140e+05	0.31	0.0	0.0	1.721e+04	-3079.52	3351.65	-1.290e+04	-5.937e+05	6.207e+05
		-2.330e+05	-5.937e+05	-0.37	0.0	270.0	1.721e+04	-3079.52	3351.65	-1.290e+04	3.140e+05	-2.330e+05
52	11	2.923e+05	4.935e+05	0.13	0.0	0.0	1.837e+04	-1288.25	5122.99	3848.39	-8.933e+05	2.923e+05
		-9.499e+04	-8.933e+05	-0.59	0.0	270.0	1.837e+04	-1288.25	5122.99	3848.39	4.935e+05	-9.499e+04
52	12	1.451e+06	6.559e+05	0.59	0.0	0.0	1.119e+04	-7491.64	-3945.87	-1.702e+04	6.559e+05	1.451e+06
		-5.850e+05	-4.109e+05	0.43	0.0	270.0	1.119e+04	-7491.64	-3945.87	-1.702e+04	-4.109e+05	-5.850e+05
52	13	1.040e+06	3.205e+05	0.48	0.0	0.0	1.391e+04	-5238.30	-1901.83	1.437e+04	3.205e+05	1.040e+06
		-3.855e+05	-1.944e+05	-0.09	0.0	270.0	1.391e+04	-5238.30	-1901.83	1.437e+04	-1.944e+05	-3.855e+05
52	14	4.662e+05	2.362e+05	0.23	0.0	0.0	1.290e+04	-2318.30	2517.30	-9683.59	-4.456e+05	4.662e+05
		-1.768e+05	-4.456e+05	-0.28	0.0	270.0	1.290e+04	-2318.30	2517.30	-9683.59	2.362e+05	-1.768e+05
52	15	2.197e+05	3.708e+05	0.10	0.0	0.0	1.375e+04	-973.31	3843.23	2891.14	-6.697e+05	2.197e+05
		-7.300e+04	-6.697e+05	-0.44	0.0	270.0	1.375e+04	-973.31	3843.23	2891.14	3.708e+05	-7.300e+04
52	16	1.090e+06	4.927e+05	0.44	0.0	0.0	8392.71	-5633.19	-2966.52	-1.277e+04	4.927e+05	1.090e+06
		-4.418e+05	-3.093e+05	0.32	0.0	270.0	8392.71	-5633.19	-2966.52	-1.277e+04	-3.093e+05	-4.418e+05
52	17	7.809e+05	2.409e+05	0.36	0.0	0.0	1.044e+04	-3939.72	-1430.48	1.079e+04	2.409e+05	7.809e+05
		-2.914e+05	-1.464e+05	-0.07	0.0	270.0	1.044e+04	-3939.72	-1430.48	1.079e+04	-1.464e+05	-2.914e+05
53	1	3718.35	3668.66	4.97e-04	0.0	0.0	-4812.21	16.73	21.40	138.00	-2108.85	-799.59
		-799.59	-2108.85	-5.35e-04	0.0	270.0	-4002.21	16.73	21.40	138.00	3668.66	3718.35
53	2	1.083e+04	5127.33	-1.56e-03	0.0	0.0	-6318.20	69.57	28.07	271.70	-2452.23	-7957.78
		-7957.78	-2452.23	-4.94e-04	0.0	270.0	-6318.20	69.57	28.07	271.70	5127.33	1.083e+04
53	3	6936.96	7241.27	-1.42e-03	0.0	0.0	-1464.68	48.18	39.38	3.36	-3391.97	-6071.50
		-6071.50	-3391.97	-6.68e-04	0.0	270.0	-1464.68	48.18	39.38	3.36	7241.27	6936.96
53	4	1.011e+04	1.021e+04	-2.10e-03	0.0	0.0	-2388.55	70.47	55.48	13.06	-4764.30	-8920.06
		-8920.06	-4764.30	-9.33e-04	0.0	270.0	-2388.55	70.47	55.48	13.06	1.021e+04	1.011e+04

53	5	8577.67	1.443e+04	-5.82e-04	0.0	0.0	-2740.33	48.25	79.68	-16.72	-7081.47	-4449.37
		-4449.37	-7081.47	-1.47e-03	0.0	270.0	-2740.33	48.25	79.68	-16.72	1.443e+04	8577.67
53	6	2.035e+06	7.269e+04	0.73	0.0	0.0	-7189.20	-1.190e+04	1408.62	-2.414e+04	-3.620e+05	2.035e+06
		-1.182e+06	-3.620e+05	-0.37	0.0	270.0	-7189.20	-1.190e+04	1408.62	-2.414e+04	7.269e+04	-1.182e+06
53	7	3.050e+06	3.997e+04	1.12	0.0	0.0	-6583.92	-1.800e+04	781.40	3179.01	-1.858e+05	3.050e+06
		-1.818e+06	-1.858e+05	-0.15	0.0	270.0	-6583.92	-1.800e+04	781.40	3179.01	3.997e+04	-1.818e+06
53	8	1.235e+06	8.844e+05	-0.35	0.0	0.0	9569.20	-7401.97	-3091.38	-2.859e+04	8.844e+05	1.235e+06
		-7.656e+05	-1.002e+05	0.87	0.0	270.0	9569.20	-7401.97	-3091.38	-2.859e+04	-1.002e+05	-7.656e+05
53	9	1.631e+06	1.186e+06	0.61	0.0	0.0	1.012e+04	-9656.40	-4244.44	2.491e+04	1.186e+06	1.631e+06
		-9.970e+05	-1.981e+05	1.08	0.0	270.0	1.012e+04	-9656.40	-4244.44	2.491e+04	-1.981e+05	-9.970e+05
53	10	1.109e+06	4.401e+04	0.40	0.0	0.0	-3827.16	-6499.95	770.47	-1.327e+04	-1.952e+05	1.109e+06
		-6.489e+05	-1.952e+05	-0.20	0.0	270.0	-3827.16	-6499.95	770.47	-1.327e+04	4.401e+04	-6.489e+05
53	11	1.631e+06	2.398e+04	0.60	0.0	0.0	-3504.38	-9654.01	425.58	1720.57	-9.980e+04	1.631e+06
		-9.804e+05	-9.980e+04	-0.08	0.0	270.0	-3504.38	-9654.01	425.58	1720.57	2.398e+04	-9.804e+05
53	12	6.977e+05	4.796e+05	-0.19	0.0	0.0	5124.95	-4186.01	-1682.69	-1.576e+04	4.796e+05	6.977e+05
		-4.339e+05	-5.877e+04	0.47	0.0	270.0	5124.95	-4186.01	-1682.69	-1.576e+04	-5.877e+04	-4.339e+05
53	13	8.714e+05	6.332e+05	0.33	0.0	0.0	5383.78	-5226.96	-2297.54	1.370e+04	6.332e+05	8.714e+05
		-5.415e+05	-1.177e+05	0.57	0.0	270.0	5383.78	-5226.96	-2297.54	1.370e+04	-1.177e+05	-5.415e+05
53	14	8.323e+05	3.382e+04	0.30	0.0	0.0	-2869.42	-4880.74	580.78	-9954.03	-1.466e+05	8.323e+05
		-4.878e+05	-1.466e+05	-0.15	0.0	270.0	-2869.42	-4880.74	580.78	-9954.03	3.382e+04	-4.878e+05
53	15	1.223e+06	1.842e+04	0.45	0.0	0.0	-2624.52	-7241.56	320.45	1293.95	-7.490e+04	1.223e+06
		-7.363e+05	-7.490e+04	-0.06	0.0	270.0	-2624.52	-7241.56	320.45	1293.95	1.842e+04	-7.363e+05
53	16	5.241e+05	3.600e+05	-0.15	0.0	0.0	3844.25	-3146.55	-1265.19	-1.182e+04	3.600e+05	5.241e+05
		-3.266e+05	-4.522e+04	0.36	0.0	270.0	3844.25	-3146.55	-1265.19	-1.182e+04	-4.522e+04	-3.266e+05
53	17	6.546e+05	4.759e+05	0.25	0.0	0.0	4038.82	-3929.09	-1734.35	1.029e+04	4.759e+05	6.546e+05
		-4.075e+05	-9.116e+04	0.43	0.0	270.0	4038.82	-3929.09	-1734.35	1.029e+04	-9.116e+04	-4.075e+05
54	1	2892.84	3570.95	6.19e-04	0.0	0.0	-5081.90	-24.14	21.95	140.25	-2354.33	2892.84
		-3624.20	-2354.33	-6.93e-04	0.0	270.0	-4271.90	-24.14	21.95	140.25	3570.95	-3624.20
54	2	827.01	1.006e+04	-1.18e-03	0.0	0.0	-4990.56	13.10	60.32	356.24	-6221.63	-2709.56
		-2709.56	-6221.63	-1.72e-03	0.0	270.0	-4990.56	13.10	60.32	356.24	1.006e+04	827.01
54	3	1764.30	7436.33	-1.37e-03	0.0	0.0	-1483.44	19.61	42.05	23.73	-3916.97	-3530.85
		-3530.85	-3916.97	-8.79e-04	0.0	270.0	-1483.44	19.61	42.05	23.73	7436.33	1764.30
54	4	2674.05	1.087e+04	-2.04e-03	0.0	0.0	-2234.23	29.39	61.53	41.59	-5740.72	-5260.32
		-5260.32	-5740.72	-1.29e-03	0.0	270.0	-2234.23	29.39	61.53	41.59	1.087e+04	2674.05
54	5	2294.07	1.497e+04	2.42e-04	0.0	0.0	-2723.61	-28.45	82.73	10.24	-7366.60	2294.07
		-5386.64	-7366.60	-1.53e-03	0.0	270.0	-2723.61	-28.45	82.73	10.24	1.497e+04	-5386.64
54	6	2.126e+06	1.379e+05	0.79	0.0	0.0	2001.16	-1.239e+04	1017.42	-2.401e+04	-1.703e+05	2.126e+06
		-1.225e+06	-1.703e+05	-0.09	0.0	270.0	2001.16	-1.239e+04	1017.42	-2.401e+04	1.379e+05	-1.225e+06
54	7	3.046e+06	1.852e+05	1.12	0.0	0.0	3673.67	-1.787e+04	651.63	3232.67	5.092e+04	3.046e+06
		-1.787e+06	5.092e+04	0.11	0.0	270.0	3673.67	-1.787e+04	651.63	3232.67	1.852e+05	-1.787e+06
54	8	9.808e+05	9.028e+05	-0.56	0.0	0.0	8848.80	9206.85	-3322.23	-2.884e+04	9.028e+05	-1.508e+06
		-1.508e+06	-9.499e+04	0.80	0.0	270.0	8848.80	9206.85	-3322.23	-2.884e+04	-9.499e+04	9.808e+05
54	9	5.291e+05	1.201e+06	0.34	0.0	0.0	1.267e+04	5442.15	-4264.37	2.420e+04	1.201e+06	9.491e+05
		-9.491e+05	-2.126e+05	1.12	0.0	270.0	1.267e+04	5442.15	-4264.37	2.420e+04	-2.126e+05	5.291e+05
54	10	1.153e+06	7.454e+04	0.43	0.0	0.0	1145.73	-6736.07	545.18	-1.319e+04	-9.379e+04	1.153e+06
		-6.689e+05	-9.379e+04	-0.05	0.0	270.0	1145.73	-6736.07	545.18	-1.319e+04	7.454e+04	-6.689e+05
54	11	1.629e+06	9.879e+04	0.60	0.0	0.0	1953.79	-9584.61	354.03	1752.89	2.950e+04	1.629e+06
		-9.639e+05	2.950e+04	0.06	0.0	270.0	1953.79	-9584.61	354.03	1752.89	9.879e+04	-9.639e+05
54	12	5.324e+05	4.890e+05	-0.31	0.0	0.0	4829.06	4998.38	-1798.03	-1.585e+04	4.890e+05	-8.194e+05
		-8.194e+05	-5.728e+04	0.43	0.0	270.0	4829.06	4998.38	-1798.03	-1.585e+04	-5.728e+04	5.324e+05
54	13	3.038e+05	6.417e+05	0.19	0.0	0.0	6722.47	3083.30	-2312.58	1.337e+04	6.417e+05	-5.336e+05
		-5.336e+05	-1.255e+05	0.60	0.0	270.0	6722.47	3083.30	-2312.58	1.337e+04	-1.255e+05	3.038e+05
54	14	8.652e+05	5.596e+04	0.32	0.0	0.0	859.52	-5057.91	409.36	-9901.38	-7.042e+04	8.652e+05
		-5.028e+05	-7.042e+04	-0.04	0.0	270.0	859.52	-5057.91	409.36	-9901.38	5.596e+04	-5.028e+05
54	15	1.221e+06	7.402e+04	0.45	0.0	0.0	1462.95	-7189.62	266.40	1319.18	2.248e+04	1.221e+06
		-7.239e+05	2.248e+04	0.05	0.0	270.0	1462.95	-7189.62	266.40	1319.18	7.402e+04	-7.239e+05
54	16	4.005e+05	3.670e+05	-0.23	0.0	0.0	3622.49	3756.59	-1351.31	-1.190e+04	3.670e+05	-6.155e+05
		-6.155e+05	-4.409e+04	0.33	0.0	270.0	3622.49	3756.59	-1351.31	-1.190e+04	-4.409e+04	4.005e+05
54	17	2.291e+05	4.823e+05	0.14	0.0	0.0	5043.45	2319.76	-1746.25	1.003e+04	4.823e+05	-4.010e+05
		-4.010e+05	-9.702e+04	0.45	0.0	270.0	5043.45	2319.76	-1746.25	1.003e+04	-9.702e+04	2.291e+05
55	1	3973.21	2040.16	-1.36e-03	0.0	0.0	-5363.50	31.58	13.10	-126.80	-1497.11	-4554.16
		-4554.16	-1497.11	-5.02e-04	0.0	270.0	-4553.50	31.58	13.10	-126.80	2040.16	3973.21
55	2	1.556e+04	4786.37	-6.51e-03	0.0	0.0	-5005.16	132.30	24.46	-257.72	-1817.65	-2.016e+04
		-2.016e+04	-1817.65	4.62e-04	0.0	270.0	-5005.16	132.30	24.46	-257.72	4786.37	1.556e+04
55	3	6452.32	6029.20	-1.56e-03	0.0	0.0	-1476.23	46.58	31.78	2.45	-2550.74	-6124.07
		-6124.07	-2550.74	-4.41e-04	0.0	270.0	-1476.23	46.58	31.78	2.45	6029.20	6452.32
55	4	9682.39	8725.59	-2.39e-03	0.0	0.0	-2223.97	70.32	45.93	0.99	-3676.54	-9302.77
		-9302.77	-3676.54	-6.32e-04	0.0	270.0	-2223.97	70.32	45.93	0.99	8725.59	9682.39
55	5	7527.70	1.347e+04	-4.73e-04	0.0	0.0	-2726.53	41.85	75.43	33.32	-6894.98	-3770.58
		-3770.58	-6894.98	-1.49e-03	0.0	270.0	-2726.53	41.85	75.43	33.32	1.347e+04	7527.70
55	6	2.003e+06	3.584e+04	0.82	0.0	0.0	-2031.00	-1.071e+04	707.00	-2.584e+04	-1.773e+05	2.003e+06
		-9.091e+05	-1.773e+05	0.05	0.0	270.0	-2031.00	-1.071e+04	707.00	-2.584e+04	3.584e+04	-9.091e+05
55	7	2.853e+06	6.127e+04	1.14	0.0	0.0	-3629.42	-1.552e+04	960.13	4390.73	-2.242e+05	2.853e+06
		-1.366e+06	-2.242e+05	-0.18	0.0	270.0	-3629.42	-1.552e+04	960.13	4390.73	6.127e+04	-1.366e+06
55	8	1.004e+06	1.252e+06	-0.32	0.0	0.0	1.300e+04	-5742.67	-4551.48	-3.106e+04	1.252e+06	1.004e+06
		-5.523e+05	-2.326e+05	1.17	0.0	270.0	1.300e+04	-5742.67	-4551.48	-3.106e+04	-2.326e+05	-5.523e+05

55	9	1.314e+06	8.825e+05	0.57	0.0	0.0	9384.65	-7238.85	-3054.41	2.779e+04	8.825e+05	1.314e+06
		-6.496e+05	-1.828e+05	0.80	0.0	270.0	9384.65	-7238.85	-3054.41	2.779e+04	-1.828e+05	-6.496e+05
55	10	1.087e+06	2.154e+04	0.45	0.0	0.0	-1164.19	-5846.98	410.57	-1.423e+04	-1.023e+05	1.087e+06
		-5.046e+05	-1.023e+05	0.03	0.0	270.0	-1164.19	-5846.98	410.57	-1.423e+04	2.154e+04	-5.046e+05
55	11	1.528e+06	3.718e+04	0.61	0.0	0.0	-1930.10	-8360.42	529.50	2372.16	-1.209e+05	1.528e+06
		-7.480e+05	-1.209e+05	-0.09	0.0	270.0	-1930.10	-8360.42	529.50	2372.16	3.718e+04	-7.480e+05
55	12	5.685e+05	6.688e+05	-0.18	0.0	0.0	6897.90	-3248.58	-2473.35	-1.719e+04	6.688e+05	5.685e+05
		-3.127e+05	-1.401e+05	0.63	0.0	270.0	6897.90	-3248.58	-2473.35	-1.719e+04	-1.401e+05	-3.127e+05
55	13	7.094e+05	4.804e+05	0.31	0.0	0.0	5085.96	-3927.55	-1689.86	1.522e+04	4.804e+05	7.094e+05
		-3.570e+05	-1.057e+05	0.43	0.0	270.0	5085.96	-3927.55	-1689.86	1.522e+04	-1.057e+05	-3.570e+05
55	14	8.161e+05	1.678e+04	0.34	0.0	0.0	-873.53	-4394.49	310.19	-1.067e+04	-7.690e+04	8.161e+05
		-3.806e+05	-7.690e+04	0.02	0.0	270.0	-873.53	-4394.49	310.19	-1.067e+04	1.678e+04	-3.806e+05
55	15	1.145e+06	2.854e+04	0.46	0.0	0.0	-1445.39	-6277.18	399.54	1783.23	-9.078e+04	1.145e+06
		-5.636e+05	-9.078e+04	-0.07	0.0	270.0	-1445.39	-6277.18	399.54	1783.23	2.854e+04	-5.636e+05
55	16	4.273e+05	5.027e+05	-0.13	0.0	0.0	5174.26	-2444.56	-1868.87	-1.291e+04	5.027e+05	4.273e+05
		-2.360e+05	-1.087e+05	0.47	0.0	270.0	5174.26	-2444.56	-1868.87	-1.291e+04	-1.087e+05	-2.360e+05
55	17	5.330e+05	3.611e+05	0.23	0.0	0.0	3815.87	-2954.89	-1277.02	1.142e+04	3.611e+05	5.330e+05
		-2.695e+05	-8.147e+04	0.32	0.0	270.0	3815.87	-2954.89	-1277.02	1.142e+04	-8.147e+04	-2.695e+05
56	1	-554.42	4050.15	-1.20e-03	0.0	0.0	-4844.55	5.65	24.33	-105.82	-2517.81	-2080.43
		-2080.43	-2517.81	-6.99e-04	0.0	270.0	-4844.55	5.65	24.33	-105.82	4050.15	-554.42
56	2	1.223e+04	4201.21	-6.25e-03	0.0	0.0	-6422.14	112.24	25.78	-143.51	-2760.31	-1.807e+04
		-1.807e+04	-2760.31	-8.10e-04	0.0	270.0	-6422.14	112.24	25.78	-143.51	4201.21	1.223e+04
56	3	2286.73	6959.55	-1.55e-03	0.0	0.0	-1480.67	23.75	38.70	24.49	-3489.30	-4127.11
		-4127.11	-3489.30	-7.38e-04	0.0	270.0	-1480.67	23.75	38.70	24.49	6959.55	2286.73
56	4	3760.68	9813.02	-2.38e-03	0.0	0.0	-2413.51	37.82	54.67	32.65	-4948.61	-6451.20
		-6451.20	-4948.61	-1.05e-03	0.0	270.0	-2413.51	37.82	54.67	32.65	9813.02	3760.68
56	5	2824.86	1.535e+04	3.45e-04	0.0	0.0	-2748.64	-31.95	86.60	61.41	-8036.07	2824.86
		-5801.96	-8036.07	-1.79e-03	0.0	270.0	-2748.64	-31.95	86.60	61.41	1.535e+04	-5801.96
56	6	2.132e+06	3.113e+05	0.78	0.0	0.0	1.116e+04	-1.251e+04	-1074.44	-2.365e+04	3.113e+05	2.132e+06
		-1.250e+06	1.521e+05	0.33	0.0	270.0	1.116e+04	-1.251e+04	-1074.44	-2.365e+04	1.521e+05	-1.250e+06
56	7	3.154e+06	1.934e+05	1.15	0.0	0.0	1.175e+04	-1.875e+04	807.42	4534.69	-3.765e+04	3.154e+06
		-1.915e+06	-3.765e+04	0.05	0.0	270.0	1.175e+04	-1.875e+04	807.42	4534.69	1.934e+05	-1.915e+06
56	8	1.214e+06	1.307e+06	-0.60	0.0	0.0	9196.70	1.087e+04	-5117.53	-2.950e+04	1.307e+06	-1.222e+06
		-1.722e+06	-2.056e+05	1.15	0.0	270.0	9196.70	1.087e+04	-5117.53	-2.950e+04	-2.056e+05	-1.722e+06
56	9	1.081e+06	9.121e+05	0.36	0.0	0.0	1.134e+04	6430.53	-3250.84	2.490e+04	9.121e+05	1.081e+06
		6.616e+05	-1.678e+05	0.86	0.0	270.0	1.134e+04	6430.53	-3250.84	2.490e+04	-1.678e+05	6.616e+05
56	10	1.160e+06	1.716e+05	0.42	0.0	0.0	5950.64	-6826.56	-622.29	-1.304e+04	1.716e+05	1.160e+06
		-6.861e+05	8.414e+04	0.18	0.0	270.0	5950.64	-6826.56	-622.29	-1.304e+04	8.414e+04	-6.861e+05
56	11	1.686e+06	1.029e+05	0.61	0.0	0.0	6254.32	-1.005e+04	430.71	2454.54	-2.100e+04	1.686e+06
		-1.031e+06	-2.100e+04	0.03	0.0	270.0	6254.32	-1.005e+04	430.71	2454.54	1.029e+05	-1.031e+06
56	12	6.597e+05	6.975e+05	-0.33	0.0	0.0	4936.28	5907.69	-2761.51	-1.626e+04	6.975e+05	-9.371e+05
		-9.371e+05	-1.256e+05	0.61	0.0	270.0	4936.28	5907.69	-2761.51	-1.626e+04	-1.256e+05	-9.371e+05
56	13	6.064e+05	4.968e+05	0.20	0.0	0.0	6029.88	3631.15	-1800.05	1.369e+04	4.968e+05	6.064e+05
		3.776e+05	-9.717e+04	0.47	0.0	270.0	6029.88	3631.15	-1800.05	1.369e+04	-9.717e+04	3.776e+05
56	14	8.706e+05	1.290e+05	0.32	0.0	0.0	4461.53	-5125.56	-470.68	-9783.84	1.290e+05	8.706e+05
		-5.156e+05	6.349e+04	0.14	0.0	270.0	4461.53	-5125.56	-470.68	-9783.84	6.349e+04	-5.156e+05
56	15	1.264e+06	7.708e+04	0.46	0.0	0.0	4684.13	-7533.92	322.90	1845.85	-2.100e+04	1.264e+06
		-7.736e+05	-1.594e+04	0.02	0.0	270.0	4684.13	-7533.92	322.90	1845.85	7.708e+04	-7.736e+05
56	16	4.962e+05	5.241e+05	-0.25	0.0	0.0	3702.24	4440.20	-2082.13	-1.220e+04	5.241e+05	-7.040e+05
		-7.040e+05	-9.763e+04	0.46	0.0	270.0	3702.24	4440.20	-2082.13	-1.220e+04	-9.763e+04	-7.040e+05
56	17	4.556e+05	3.733e+05	0.15	0.0	0.0	4523.81	2729.88	-1358.31	1.028e+04	3.733e+05	4.556e+05
		2.842e+05	-7.489e+04	0.35	0.0	270.0	4523.81	2729.88	-1358.31	1.028e+04	-7.489e+04	2.842e+05
134	1	6301.89	1.239e+04	6.39e-03	0.0	0.0	-2421.26	-31.94	-85.25	-708.96	1.239e+04	6301.89
		-5196.21	-1.831e+04	3.28e-03	0.0	360.0	-2421.26	-31.94	-85.25	-708.96	-1.831e+04	-5196.21
134	2	2.725e+04	3.161e+04	6.58e-03	0.0	0.0	-1568.66	110.70	-228.23	-1128.84	3.161e+04	-1.260e+04
		-1.260e+04	-5.055e+04	7.67e-03	0.0	360.0	-1568.66	110.70	-228.23	-1128.84	-5.055e+04	-1.260e+04
134	3	4691.43	6048.18	-2.72e-03	0.0	0.0	44.32	31.65	-18.23	25.70	6048.18	-6704.02
		-6704.02	-513.01	-2.04e-03	0.0	360.0	44.32	31.65	-18.23	25.70	-513.01	4691.43
134	4	8659.94	9962.42	-3.65e-03	0.0	0.0	-38.60	53.07	-37.59	-9.16	9962.42	-1.044e+04
		-1.044e+04	-3568.36	-2.52e-03	0.0	360.0	-38.60	53.07	-37.59	-9.16	-3568.36	8659.94
134	5	3482.73	1.308e+04	5.04e-04	0.0	0.0	-78.82	25.87	-56.55	-68.76	1.308e+04	-5828.89
		-5828.89	-7276.20	-2.27e-03	0.0	360.0	-78.82	25.87	-56.55	-68.76	-7276.20	3482.73
134	6	4.124e+06	1.479e+05	3.26	0.0	0.0	-6177.05	-2.380e+04	-771.31	-2.789e+04	1.479e+05	4.124e+06
		-4.446e+06	-1.304e+05	0.09	0.0	360.0	-6177.05	-2.380e+04	-771.31	-2.789e+04	-1.304e+05	-4.446e+06
134	7	3.308e+06	1.823e+05	2.59	0.0	0.0	-7149.91	-1.905e+04	-956.57	8686.25	1.823e+05	3.308e+06
		-3.549e+06	-1.642e+05	0.59	0.0	360.0	-7149.91	-1.905e+04	-956.57	8686.25	-1.642e+05	-3.549e+06
134	8	1.006e+06	2.503e+05	0.47	0.0	0.0	-6233.39	5348.83	-1340.46	-3.984e+04	2.503e+05	-9.197e+05
		-9.197e+05	-2.350e+05	1.93	0.0	360.0	-6233.39	5348.83	-1340.46	-3.984e+04	-2.350e+05	-9.197e+05
134	9	1.350e+06	3.492e+05	-1.09	0.0	0.0	-6781.67	7156.13	-1784.85	3.020e+04	3.492e+05	-1.227e+06
		-1.227e+06	-3.075e+05	2.49	0.0	360.0	-6781.67	7156.13	-1784.85	3.020e+04	-3.075e+05	-1.227e+06
134	10	2.199e+06	7.964e+04	1.73	0.0	0.0	-3296.90	-1.269e+04	-414.47	-1.546e+04	7.964e+04	2.199e+06
		-2.368e+06	-7.003e+04	0.04	0.0	360.0	-3296.90	-1.269e+04	-414.47	-1.546e+04	-7.003e+04	-2.368e+06
134	11	1.761e+06	9.853e+04	1.37	0.0	0.0	-3808.75	-1.014e+04	-512.74	4666.26	9.853e+04	1.761e+06
		-1.889e+06	-8.748e+04	0.31	0.0	360.0	-3808.75	-1.014e+04	-512.74	4666.26	-8.748e+04	-1.889e+06
134	12	5.770e+05	1.363e+05	0.26	0.0	0.0	-3341.66	3068.01	-725.79	-2.182e+04	1.363e+05	-5.277e+05
		-5.277e+05	-1.269e+05	1.05	0.0	360.0	-3341.66	3068.01	-725.79	-2.182e+04	-1.269e+05	-5.277e+05

134	13	7.283e+05	1.928e+05	-0.59	0.0	0.0	-3612.38	3862.89	-963.68	1.676e+04	1.928e+05	-6.627e+05
		-6.627e+05	-1.636e+05	1.32	0.0	360.0	-3612.38	3862.89	-963.68	1.676e+04	-1.636e+05	7.283e+05
134	14	1.649e+06	5.982e+04	1.30	0.0	0.0	-2472.29	-9512.37	-311.02	-1.160e+04	5.982e+04	1.649e+06
		-1.776e+06	-5.252e+04	0.03	0.0	360.0	-2472.29	-9512.37	-311.02	-1.160e+04	-5.252e+04	-1.776e+06
134	15	1.319e+06	7.404e+04	1.03	0.0	0.0	-2852.87	-7592.83	-384.57	3502.01	7.404e+04	1.319e+06
		-1.414e+06	-6.553e+04	0.24	0.0	360.0	-2852.87	-7592.83	-384.57	3502.01	-6.553e+04	-1.414e+06
134	16	4.331e+05	1.025e+05	0.20	0.0	0.0	-2506.51	2303.51	-545.11	-1.637e+04	1.025e+05	-3.963e+05
		-3.963e+05	-9.519e+04	0.79	0.0	360.0	-2506.51	2303.51	-545.11	-1.637e+04	-9.519e+04	4.331e+05
134	17	5.466e+05	1.464e+05	-0.44	0.0	0.0	-2710.99	2899.90	-726.77	1.258e+04	1.464e+05	-4.976e+05
		-4.976e+05	-1.228e+05	0.99	0.0	360.0	-2710.99	2899.90	-726.77	1.258e+04	-1.228e+05	5.466e+05
135	1	3384.60	1.267e+04	-6.79e-03	0.0	0.0	-2425.21	23.89	-87.20	684.66	1.267e+04	-5215.38
		-5215.38	-1.872e+04	3.80e-03	0.0	360.0	-1345.21	23.89	-87.20	684.66	-1.872e+04	3384.60
135	2	-8060.91	4.484e+04	-0.02	0.0	0.0	-1444.90	0.85	-270.07	1089.97	4.484e+04	-8366.71
		-8366.71	-5.238e+04	6.52e-03	0.0	360.0	-1444.90	0.85	-270.07	1089.97	-5.238e+04	-8060.91
135	3	6399.57	1.143e+04	-3.06e-03	0.0	0.0	85.49	27.29	-36.30	7.63	1.143e+04	-3425.79
		-3425.79	-1639.90	-3.29e-03	0.0	360.0	85.49	27.29	-36.30	7.63	-1639.90	6399.57
135	4	7405.06	1.795e+04	-4.85e-03	0.0	0.0	24.11	32.83	-64.11	58.53	1.795e+04	-4414.31
		-4414.31	-5126.16	-4.48e-03	0.0	360.0	24.11	32.83	-64.11	58.53	-5126.16	7405.06
135	5	6859.58	1.273e+04	-9.48e-04	0.0	0.0	-81.48	-28.73	-54.90	92.95	1.273e+04	6859.58
		-3482.20	-7038.68	-2.25e-03	0.0	360.0	-81.48	-28.73	-54.90	92.95	-7038.68	-3482.20
135	6	4.078e+06	4.749e+05	3.25	0.0	0.0	5575.52	-2.357e+04	2599.49	-2.768e+04	-4.613e+05	4.078e+06
		-4.409e+06	-4.613e+05	-0.28	0.0	360.0	5575.52	-2.357e+04	2599.49	-2.768e+04	-4.409e+06	-4.613e+05
135	7	3.263e+06	4.436e+05	2.54	0.0	0.0	6691.91	-1.881e+04	2423.37	9049.33	-4.296e+05	3.263e+06
		-3.511e+06	-4.296e+05	-0.73	0.0	360.0	6691.91	-1.881e+04	2423.37	9049.33	-3.511e+06	-4.296e+05
135	8	1.364e+06	2.672e+05	1.41	0.0	0.0	-7196.67	-7941.26	-1300.68	-3.635e+04	2.672e+05	1.364e+06
		-1.496e+06	-2.219e+05	2.36	0.0	360.0	-7196.67	-7941.26	-1300.68	-3.635e+04	-1.496e+06	-2.219e+05
135	9	7.317e+05	2.860e+05	-0.17	0.0	0.0	-6863.80	-4260.25	-1500.94	3.382e+04	2.860e+05	7.317e+05
		-8.026e+05	-2.633e+05	2.01	0.0	360.0	-6863.80	-4260.25	-1500.94	3.382e+04	-2.633e+05	-8.026e+05
135	10	2.175e+06	2.529e+05	1.73	0.0	0.0	2977.46	-1.257e+04	1384.48	-1.535e+04	-2.457e+05	2.175e+06
		-2.349e+06	-2.529e+05	-0.14	0.0	360.0	2977.46	-1.257e+04	1384.48	-1.535e+04	-2.349e+06	-2.529e+05
135	11	1.737e+06	2.362e+05	1.35	0.0	0.0	3565.44	-1.002e+04	1291.69	4864.31	-2.294e+05	1.737e+06
		-1.869e+06	-2.294e+05	-0.39	0.0	360.0	3565.44	-1.002e+04	1291.69	4864.31	-1.869e+06	-2.294e+05
135	12	7.418e+05	1.525e+05	0.77	0.0	0.0	-3836.35	-4312.49	-719.49	-2.014e+04	1.525e+05	7.418e+05
		-8.117e+05	-1.201e+05	1.24	0.0	360.0	-3836.35	-4312.49	-719.49	-2.014e+04	-8.117e+05	-1.201e+05
135	13	4.229e+05	1.562e+05	-0.10	0.0	0.0	-3673.24	-2460.70	-806.02	1.852e+04	1.562e+05	4.229e+05
		-4.634e+05	-1.400e+05	1.09	0.0	360.0	-3673.24	-2460.70	-806.02	1.852e+04	-4.634e+05	-1.400e+05
135	14	1.631e+06	1.897e+05	1.30	0.0	0.0	2232.99	-9422.88	1038.15	-1.152e+04	-1.843e+05	1.631e+06
		-1.762e+06	-1.843e+05	-0.10	0.0	360.0	2232.99	-9422.88	1038.15	-1.152e+04	-1.762e+06	-1.843e+05
135	15	1.301e+06	1.769e+05	1.01	0.0	0.0	2670.84	-7500.82	967.65	3651.02	-1.719e+05	1.301e+06
		-1.399e+06	-1.719e+05	-0.29	0.0	360.0	2670.84	-7500.82	967.65	3651.02	-1.399e+06	-1.719e+05
135	16	5.573e+05	1.165e+05	0.57	0.0	0.0	-2878.76	-3237.82	-543.98	-1.511e+04	1.165e+05	5.573e+05
		-6.092e+05	-9.013e+04	0.93	0.0	360.0	-2878.76	-3237.82	-543.98	-1.511e+04	-6.092e+05	-9.013e+04
135	17	3.178e+05	1.183e+05	-0.07	0.0	0.0	-2756.30	-1848.47	-607.04	1.390e+04	1.183e+05	3.178e+05
		-3.480e+05	-1.051e+05	0.82	0.0	360.0	-2756.30	-1848.47	-607.04	1.390e+04	-3.480e+05	-1.051e+05
136	1	2.045e+04	9798.12	7.57e-03	0.0	0.0	-2785.67	-118.30	-65.35	-1238.58	9798.12	2.045e+04
		-2.214e+04	-1.373e+04	3.34e-03	0.0	360.0	-1705.67	-118.30	-65.35	-1238.58	-1.373e+04	-2.214e+04
136	2	4.626e+04	2.520e+04	0.01	0.0	0.0	-2832.65	-311.71	-174.40	-1674.40	2.520e+04	4.626e+04
		-6.596e+04	-3.758e+04	7.53e-03	0.0	360.0	-2832.65	-311.71	-174.40	-1674.40	-6.596e+04	-3.758e+04
136	3	5282.33	5779.84	-2.82e-03	0.0	0.0	17.24	23.29	-19.49	-0.58	5779.84	-3101.93
		-3101.93	-1238.06	-1.29e-03	0.0	360.0	17.24	23.29	-19.49	-0.58	-1238.06	5282.33
136	4	3852.66	9314.80	-3.76e-03	0.0	0.0	-120.79	16.68	-36.85	-39.55	9314.80	-2150.71
		-2150.71	-3950.08	-1.57e-03	0.0	360.0	-120.79	16.68	-36.85	-39.55	-3950.08	3852.66
136	5	7842.49	9923.11	-7.14e-04	0.0	0.0	-126.68	-34.38	-35.54	-45.79	9923.11	7842.49
		-4535.72	-2872.32	-2.32e-03	0.0	360.0	-126.68	-34.38	-35.54	-45.79	-2872.32	-4535.72
136	6	3.949e+06	5.439e+05	3.03	0.0	0.0	3158.81	-2.277e+04	2879.85	-2.757e+04	-4.941e+05	3.949e+06
		-4.249e+06	-4.941e+05	-1.15	0.0	360.0	3158.81	-2.277e+04	2879.85	-2.757e+04	-4.249e+06	-4.941e+05
136	7	3.326e+06	4.232e+05	2.58	0.0	0.0	1041.29	-1.913e+04	2236.20	9219.57	-3.820e+05	3.326e+06
		-3.563e+06	-3.820e+05	-0.59	0.0	360.0	1041.29	-1.913e+04	2236.20	9219.57	-3.563e+06	-3.820e+05
136	8	1.248e+06	2.056e+05	1.27	0.0	0.0	-8506.70	-7225.71	-1082.46	-3.925e+04	2.056e+05	1.248e+06
		-1.354e+06	-1.880e+05	1.66	0.0	360.0	-8506.70	-7225.71	-1082.46	-3.925e+04	-1.354e+06	-1.880e+05
136	9	5.915e+05	3.817e+05	0.06	0.0	0.0	-1.077e+04	-3421.14	-1963.53	2.920e+04	3.817e+05	5.915e+05
		-6.408e+05	-3.380e+05	2.60	0.0	360.0	-1.077e+04	-3421.14	-1963.53	2.920e+04	-6.408e+05	-3.380e+05
136	10	2.105e+06	2.898e+05	1.61	0.0	0.0	1695.34	-1.213e+04	1537.03	-1.530e+04	-2.643e+05	2.105e+06
		-2.263e+06	-2.843e+05	-0.62	0.0	360.0	1695.34	-1.213e+04	1537.03	-1.530e+04	-2.263e+06	-2.843e+05
136	11	1.771e+06	2.252e+05	1.37	0.0	0.0	554.82	-1.019e+04	1190.34	4938.67	-2.034e+05	1.771e+06
		-1.896e+06	-2.034e+05	-0.31	0.0	360.0	554.82	-1.019e+04	1190.34	4938.67	-1.896e+06	-2.034e+05
136	12	6.719e+05	1.165e+05	0.70	0.0	0.0	-4610.73	-3887.51	-614.66	-2.148e+04	1.165e+05	6.719e+05
		-7.280e+05	-1.072e+05	0.90	0.0	360.0	-4610.73	-3887.51	-614.66	-2.148e+04	-7.280e+05	-1.072e+05
136	13	3.464e+05	2.094e+05	0.02	0.0	0.0	-5721.45	-2003.66	-1056.78	1.626e+04	2.094e+05	3.464e+05
		-3.753e+05	-1.796e+05	1.38	0.0	360.0	-5721.45	-2003.66	-1056.78	1.626e+04	-3.753e+05	-1.796e+05
136	14	1.579e+06	2.173e+05	1.21	0.0	0.0	1271.32	-9097.62	1152.93	-1.147e+04	-1.984e+05	1.579e+06
		-1.697e+06	-1.984e+05	-0.46	0.0	360.0	1271.32	-9097.62	1152.93	-1.147e+04	-1.697e+06	-1.984e+05
136	15	1.326e+06	1.687e+05	1.03	0.0	0.0	415.64	-7628.54	891.47	3704.35	-1.523e+05	1.326e+06
		-1.420e+06	-1.523e+05	-0.24	0.0	360.0	415.64	-7628.54	891.47	3704.35	-1.420e+06	-1.523e+05
136	16	5.045e+05	8.768e+04	0.52	0.0	0.0	-3459.11	-2917.67	-461.57	-1.612e+04	8.768e+04	5.045e+05
		-5.462e+05	-8.047e+04	0.67	0.0	360.0	-3459.11	-2917.67	-461.57	-1.612e+04	-5.462e+05	-8.047e+04

136	17	2.603e+05	1.588e+05	0.02	0.0	0.0	-4294.16	-1505.02	-796.46	1.220e+04	1.588e+05	2.603e+05
		-2.818e+05	-1.348e+05	1.04	0.0	360.0	-4294.16	-1505.02	-796.46	1.220e+04	-1.348e+05	-2.818e+05
137	1	2.047e+04	1.140e+04	-7.54e-03	0.0	0.0	-2795.74	109.46	-74.95	1165.40	1.140e+04	-1.894e+04
		-1.894e+04	1.559e+04	3.85e-03	0.0	360.0	-1715.74	109.46	-74.95	1165.40	-1.559e+04	2.047e+04
137	2	7.444e+04	3.963e+04	-0.02	0.0	0.0	-2868.53	351.77	-229.65	1519.25	3.963e+04	-5.220e+04
		-5.220e+04	-4.304e+04	2.94e-03	0.0	360.0	-2868.53	351.77	-229.65	1519.25	-4.304e+04	7.444e+04
137	3	1354.54	9970.20	-2.47e-03	0.0	0.0	47.40	7.28	-30.41	50.32	9970.20	-1267.34
		-1267.34	-978.13	-3.53e-03	0.0	360.0	47.40	7.28	-30.41	50.32	-978.13	1354.54
137	4	5568.16	1.581e+04	-4.04e-03	0.0	0.0	-80.04	26.74	-54.71	107.52	1.581e+04	-4059.59
		-4059.59	-3889.20	-4.78e-03	0.0	360.0	-80.04	26.74	-54.71	107.52	-3889.20	5568.16
137	5	5122.18	1.081e+04	-5.62e-04	0.0	0.0	-144.10	33.60	-39.15	46.49	1.081e+04	-6975.34
		-6975.34	-3285.01	-2.60e-03	0.0	360.0	-144.10	33.60	-39.15	46.49	-3285.01	5122.18
137	6	3.943e+06	1.901e+05	3.09	0.0	0.0	-3011.60	-2.277e+04	-1081.83	-2.807e+04	1.901e+05	3.943e+06
		-4.253e+06	-2.052e+05	0.97	0.0	360.0	-3011.60	-2.277e+04	-1081.83	-2.807e+04	-2.052e+05	-4.253e+06
137	7	3.320e+06	1.205e+05	2.61	0.0	0.0	-644.29	-1.913e+04	-717.24	8691.83	1.205e+05	3.320e+06
		-3.566e+06	-1.381e+05	0.41	0.0	360.0	-644.29	-1.913e+04	-717.24	8691.83	-1.381e+05	-3.566e+06
137	8	8.039e+05	3.589e+05	0.31	0.0	0.0	-1.114e+04	4274.27	-1861.54	-3.514e+04	3.589e+05	-7.354e+05
		-7.354e+05	-3.272e+05	2.59	0.0	360.0	-1.114e+04	4274.27	-1861.54	-3.514e+04	-3.272e+05	8.039e+05
137	9	1.250e+06	2.696e+05	-1.02	0.0	0.0	-9353.00	6651.98	-1380.71	3.338e+04	2.696e+05	-1.145e+06
		-1.145e+06	-2.371e+05	1.85	0.0	360.0	-9353.00	6651.98	-1380.71	3.338e+04	-2.371e+05	1.250e+06
137	10	2.103e+06	1.043e+05	1.64	0.0	0.0	-1620.19	-1.213e+04	-583.34	-1.556e+04	1.043e+05	2.103e+06
		-2.266e+06	-1.096e+05	0.52	0.0	360.0	-1620.19	-1.213e+04	-583.34	-1.556e+04	-1.096e+05	-2.266e+06
137	11	1.768e+06	6.443e+04	1.39	0.0	0.0	-343.63	-1.018e+04	-382.35	4667.38	6.443e+04	1.768e+06
		-1.898e+06	-7.352e+04	0.22	0.0	360.0	-343.63	-1.018e+04	-382.35	4667.38	-7.352e+04	-1.898e+06
137	12	4.663e+05	1.989e+05	0.18	0.0	0.0	-5923.86	2480.08	-1006.18	-1.953e+04	1.989e+05	-4.268e+05
		-4.268e+05	-1.740e+05	1.38	0.0	360.0	-5923.86	2480.08	-1006.18	-1.953e+04	-1.740e+05	4.663e+05
137	13	6.695e+05	1.496e+05	-0.56	0.0	0.0	-5043.32	3564.06	-755.16	1.825e+04	1.496e+05	-6.139e+05
		-6.139e+05	-1.286e+05	0.99	0.0	360.0	-5043.32	3564.06	-755.16	1.825e+04	-1.286e+05	6.695e+05
137	14	1.577e+06	7.865e+04	1.23	0.0	0.0	-1215.06	-9098.12	-438.43	-1.167e+04	7.865e+04	1.577e+06
		-1.699e+06	-8.221e+04	0.39	0.0	360.0	-1215.06	-9098.12	-438.43	-1.167e+04	-8.221e+04	-1.699e+06
137	15	1.324e+06	4.830e+04	1.04	0.0	0.0	-257.43	-7625.82	-286.44	3502.84	4.830e+04	1.324e+06
		-1.421e+06	-5.505e+04	0.16	0.0	360.0	-257.43	-7625.82	-286.44	3502.84	-5.505e+04	-1.421e+06
137	16	3.500e+05	1.511e+05	0.14	0.0	0.0	-4445.31	1861.87	-758.88	-1.466e+04	1.511e+05	-3.205e+05
		-3.205e+05	-1.306e+05	1.03	0.0	360.0	-4445.31	1861.87	-758.88	-1.466e+04	-1.306e+05	3.500e+05
137	17	5.025e+05	1.134e+05	-0.42	0.0	0.0	-3785.31	2675.62	-569.04	1.370e+04	1.134e+05	-4.610e+05
		-4.610e+05	-9.653e+04	0.75	0.0	360.0	-3785.31	2675.62	-569.04	1.370e+04	-9.653e+04	5.025e+05
138	1	5.040e+04	1.494e+04	3.13e-03	0.0	0.0	-4130.39	-337.25	83.20	-407.61	-1.501e+04	5.040e+04
		-7.101e+04	-1.501e+04	-6.12e-03	0.0	360.0	-3050.39	-337.25	83.20	-407.61	1.494e+04	-7.101e+04
138	2	1.084e+05	2.770e+04	0.03	0.0	0.0	-1.330e+04	-1056.69	161.53	86.89	3.045e+04	1.084e+05
		-2.721e+05	-3.045e+04	-6.57e-03	0.0	360.0	-1.330e+04	-1056.69	161.53	86.89	2.770e+04	-2.721e+05
138	3	4510.81	1800.97	-9.37e-04	0.0	0.0	-75.34	-16.81	26.15	6.96	-7613.70	4510.81
		-1540.32	-7613.70	3.05e-03	0.0	360.0	-75.34	-16.81	26.15	6.96	1800.97	-1540.32
138	4	1.212e+04	4030.80	-1.50e-03	0.0	0.0	-788.47	-81.69	44.38	-3.51	-1.194e+04	1.212e+04
		-1.729e+04	-1.194e+04	4.13e-03	0.0	360.0	-788.47	-81.69	44.38	-3.51	4030.80	-1.729e+04
138	5	7.428e+04	2721.10	-3.81e-03	0.0	0.0	-1959.21	-401.26	39.49	-188.81	-1.150e+04	7.428e+04
		-7.017e+04	-1.150e+04	2.75e-03	0.0	360.0	-1959.21	-401.26	39.49	-188.81	2721.10	-7.017e+04
138	6	4.428e+05	2.373e+06	0.20	0.0	0.0	-1.458e+04	-2663.54	1.259e+04	-4.033e+04	-2.159e+06	4.428e+05
		-5.186e+05	-2.159e+06	-3.23	0.0	360.0	-1.458e+04	-2663.54	1.259e+04	-4.033e+04	2.373e+06	-5.186e+05
138	7	7.325e+05	1.836e+06	0.84	0.0	0.0	-1.439e+04	-4487.37	9761.71	-3439.04	-1.679e+06	7.325e+05
		-8.852e+05	-1.679e+06	-2.52	0.0	360.0	-1.439e+04	-4487.37	9761.71	-3439.04	1.836e+06	-8.852e+05
138	8	1.262e+06	5.236e+05	1.85	0.0	0.0	-6987.91	-8218.37	-3073.35	-4.252e+04	5.236e+05	1.262e+06
		-1.697e+06	-5.831e+05	-0.26	0.0	360.0	-6987.91	-8218.37	-3073.35	-4.252e+04	-5.831e+05	-1.697e+06
138	9	1.927e+06	9.045e+05	2.51	0.0	0.0	-6203.86	-1.250e+04	-5320.05	3.370e+04	9.045e+05	1.927e+06
		-2.579e+06	-1.011e+06	1.28	0.0	360.0	-6203.86	-1.250e+04	-5320.05	3.370e+04	-1.011e+06	-2.579e+06
138	10	2.470e+05	1.265e+06	0.09	0.0	0.0	-7772.10	-1491.43	6710.22	-2.193e+04	-1.152e+06	2.470e+05
		-2.915e+05	-1.152e+06	-1.72	0.0	360.0	-7772.10	-1491.43	6710.22	-2.193e+04	1.265e+06	-2.915e+05
138	11	3.929e+05	9.769e+05	0.45	0.0	0.0	-7663.63	-2398.40	5196.78	-1921.61	-8.942e+05	3.929e+05
		-4.720e+05	-8.942e+05	-1.34	0.0	360.0	-7663.63	-2398.40	5196.78	-1921.61	9.769e+05	-4.720e+05
138	12	6.907e+05	3.063e+05	1.02	0.0	0.0	-3720.02	-4497.61	-1797.17	-2.335e+04	3.063e+05	6.907e+05
		-9.288e+05	-3.409e+05	-0.14	0.0	360.0	-3720.02	-4497.61	-1797.17	-2.335e+04	-3.409e+05	-9.288e+05
138	13	1.027e+06	4.837e+05	1.33	0.0	0.0	-3334.87	-6646.93	-2843.72	1.866e+04	4.837e+05	1.027e+06
		-1.369e+06	-5.402e+05	0.69	0.0	360.0	-3334.87	-6646.93	-2843.72	1.866e+04	-5.402e+05	-1.369e+06
138	14	1.855e+05	9.482e+05	0.07	0.0	0.0	-5828.56	-1119.56	5032.08	-1.644e+04	-8.639e+05	1.855e+05
		-2.187e+05	-8.639e+05	-1.29	0.0	360.0	-5828.56	-1119.56	5032.08	-1.644e+04	9.482e+05	-2.187e+05
138	15	2.947e+05	7.316e+05	0.33	0.0	0.0	-5740.02	-1797.79	3892.00	-1451.18	-6.698e+05	2.947e+05
		-3.536e+05	-6.698e+05	-1.00	0.0	360.0	-5740.02	-1797.79	3892.00	-1451.18	7.316e+05	-3.536e+05
138	16	5.183e+05	2.300e+05	0.77	0.0	0.0	-2790.68	-3374.20	-1349.36	-1.752e+04	2.300e+05	5.183e+05
		-6.968e+05	-2.559e+05	-0.11	0.0	360.0	-2790.68	-3374.20	-1349.36	-1.752e+04	-2.559e+05	-6.968e+05
138	17	7.718e+05	3.631e+05	1.00	0.0	0.0	-2502.73	-4990.42	-2134.49	1.400e+04	3.631e+05	7.718e+05
		-1.027e+06	-4.054e+05	0.52	0.0	360.0	-2502.73	-4990.42	-2134.49	1.400e+04	-4.054e+05	-1.027e+06
139	1	3.976e+04	739.37	-7.80e-03	0.0	0.0	-5529.48	202.13	-7.84	1353.62	739.37	-3.301e+04
		-3.301e+04	-2084.43	7.03e-03	0.0	360.0	-4449.48	202.13	-7.84	1353.62	-2084.43	3.976e+04
139	2	1.627e+05	2227.23	-0.02	0.0	0.0	-1.937e+04	659.91	17.46	1963.19	-4060.10	-7.492e+04
		-7.492e+04	-4060.10	7.09e-03	0.0	360.0	-1.937e+04	659.91	17.46	1963.19	2227.23	1.627e+05
139	3	1379.24	5682.05	-2.99e-04	0.0	0.0	-91.56	8.71	42.78	61.07	-9718.70	-1756.91
		-1756.91	-9718.70	-2.81e-03	0.0	360.0	-91.56	8.71	42.78	61.07	5682.05	1379.24

139	4	1.076e+04	8223.56	-1.38e-03	0.0	0.0	-1269.25	46.99	61.10	148.70	-1.377e+04	-6154.96
		-6154.96	-1.377e+04	-3.78e-03	0.0	360.0	-1269.25	46.99	61.10	148.70	8223.56	1.076e+04
139	5	9555.30	1519.38	3.00e-03	0.0	0.0	-2417.86	96.80	32.27	132.71	-1.010e+04	-2.529e+04
		-2.529e+04	-1.010e+04	2.59e-03	0.0	360.0	-2417.86	96.80	32.27	132.71	1519.38	9555.30
139	6	7.927e+05	2.027e+06	0.99	0.0	0.0	1.951e+04	-4856.57	-1.176e+04	-3.646e+04	2.027e+06	7.927e+05
		-9.576e+05	-2.209e+06	3.03	0.0	360.0	1.951e+04	-4856.57	-1.176e+04	-3.646e+04	-2.209e+06	-9.576e+05
139	7	5.558e+05	1.734e+06	0.63	0.0	0.0	1.383e+04	-3384.41	-1.004e+04	-3886.69	1.734e+06	5.558e+05
		-6.633e+05	-1.880e+06	2.58	0.0	360.0	1.383e+04	-3384.41	-1.004e+04	-3886.69	-1.880e+06	-6.633e+05
139	8	2.051e+06	7.899e+05	-1.81	0.0	0.0	-1.816e+04	1.046e+04	-4638.44	-4.209e+04	7.899e+05	-1.714e+06
		-1.714e+06	-8.802e+05	1.24	0.0	360.0	-1.816e+04	1.046e+04	-4638.44	-4.209e+04	-8.802e+05	2.051e+06
139	9	2.574e+06	4.256e+05	-2.48	0.0	0.0	-2.511e+04	1.309e+04	-2485.44	3.970e+04	4.256e+05	-2.139e+06
		-2.139e+06	-4.694e+05	0.09	0.0	360.0	-2.511e+04	1.309e+04	-2485.44	3.970e+04	-4.694e+05	2.574e+06
139	10	4.248e+05	1.081e+06	0.53	0.0	0.0	1.040e+04	-2595.99	-6268.91	-1.989e+04	1.081e+06	4.248e+05
		-5.111e+05	-1.177e+06	1.61	0.0	360.0	1.040e+04	-2595.99	-6268.91	-1.989e+04	-1.177e+06	-5.111e+05
139	11	2.965e+05	9.235e+05	0.33	0.0	0.0	7363.48	-1803.24	-5344.24	-2344.35	9.235e+05	2.965e+05
		-3.531e+05	-1.001e+06	1.37	0.0	360.0	7363.48	-1803.24	-5344.24	-2344.35	-1.001e+06	-3.531e+05
139	12	1.107e+06	4.215e+05	-0.97	0.0	0.0	-9935.16	5643.30	-2473.39	-2.329e+04	4.215e+05	-9.251e+05
		-9.251e+05	-4.691e+05	0.67	0.0	360.0	-9935.16	5643.30	-2473.39	-2.329e+04	-4.691e+05	1.107e+06
139	13	1.368e+06	2.406e+05	-1.32	0.0	0.0	-1.335e+04	6962.72	-1405.74	2.168e+04	2.406e+05	-1.140e+06
		-1.140e+06	-2.656e+05	0.04	0.0	360.0	-1.335e+04	6962.72	-1405.74	2.168e+04	-2.656e+05	1.368e+06
139	14	3.189e+05	8.107e+05	0.40	0.0	0.0	7801.79	-1947.49	-4701.10	-1.492e+04	8.107e+05	3.189e+05
		-3.833e+05	-8.822e+05	1.20	0.0	360.0	7801.79	-1947.49	-4701.10	-1.492e+04	-8.822e+05	-3.833e+05
139	15	2.222e+05	6.917e+05	0.25	0.0	0.0	5514.78	-1350.83	-4002.52	-1795.19	6.917e+05	2.222e+05
		-2.645e+05	-7.494e+05	1.03	0.0	360.0	5514.78	-1350.83	-4002.52	-1795.19	-7.494e+05	-2.645e+05
139	16	8.304e+05	3.164e+05	-0.73	0.0	0.0	-7454.60	4233.82	-1856.05	-1.748e+04	3.164e+05	-6.941e+05
		-6.941e+05	-3.520e+05	0.51	0.0	360.0	-7454.60	4233.82	-1856.05	-1.748e+04	-3.520e+05	8.304e+05
139	17	1.027e+06	1.807e+05	-0.99	0.0	0.0	-1.002e+04	5226.33	-1055.51	1.627e+04	1.807e+05	-8.561e+05
		-8.561e+05	-1.994e+05	0.03	0.0	360.0	-1.002e+04	5226.33	-1055.51	1.627e+04	-1.994e+05	1.027e+06
140	1	3.538e+04	520.43	7.60e-03	0.0	0.0	-5572.66	-216.11	-6.32	-1104.35	520.43	3.538e+04
		-4.242e+04	-1754.82	7.18e-03	0.0	360.0	-4492.66	-216.11	-6.32	-1104.35	-1754.82	-4.242e+04
140	2	5.924e+04	570.64	0.02	0.0	0.0	-2.001e+04	-606.36	27.62	-1037.55	-9371.26	5.924e+04
		-1.591e+05	-9371.26	0.02	0.0	360.0	-2.001e+04	-606.36	27.62	-1037.55	570.64	-1.591e+05
140	3	2275.06	4128.88	-1.61e-03	0.0	0.0	-192.19	22.30	41.22	43.43	-1.071e+04	-5753.56
		-5753.56	-1.071e+04	3.13e-03	0.0	360.0	-192.19	22.30	41.22	43.43	4128.88	2275.06
140	4	-4778.80	6023.51	-2.23e-03	0.0	0.0	-1439.74	-2.79	59.62	46.92	-1.544e+04	-4778.80
		-5784.28	-1.544e+04	4.71e-03	0.0	360.0	-1439.74	-2.79	59.62	46.92	6023.51	-5784.28
140	5	2.864e+04	1127.08	-3.35e-03	0.0	0.0	-2450.43	-111.04	29.89	54.10	-9634.24	2.864e+04
		-1.134e+04	-9634.24	2.77e-03	0.0	360.0	-2450.43	-111.04	29.89	54.10	1127.08	-1.134e+04
140	6	8.293e+05	2.176e+06	1.08	0.0	0.0	-1.754e+04	-5145.62	1.153e+04	-3.077e+04	-1.976e+06	8.293e+05
		-1.026e+06	-1.976e+06	-2.99	0.0	360.0	-1.754e+04	-5145.62	1.153e+04	-3.077e+04	-1.976e+06	-1.026e+06
140	7	5.809e+05	1.854e+06	0.79	0.0	0.0	-1.184e+04	-3583.26	9849.71	7760.58	-1.692e+06	5.809e+05
		-7.101e+05	-1.692e+06	-2.54	0.0	360.0	-1.184e+04	-3583.26	9849.71	7760.58	-1.692e+06	-7.101e+05
140	8	2.019e+06	4.526e+05	2.45	0.0	0.0	-2.412e+04	-1.249e+04	-2646.06	-4.504e+04	4.526e+05	2.019e+06
		-2.480e+06	-5.003e+05	-0.06	0.0	360.0	-2.412e+04	-1.249e+04	-2646.06	-4.504e+04	-5.003e+05	-2.480e+06
140	9	1.713e+06	7.501e+05	1.89	0.0	0.0	-1.818e+04	-1.052e+04	-4409.75	3.566e+04	7.501e+05	1.713e+06
		-2.076e+06	-8.376e+05	1.15	0.0	360.0	-1.818e+04	-1.052e+04	-4409.75	3.566e+04	-8.376e+05	-2.076e+06
140	10	4.449e+05	1.159e+06	0.58	0.0	0.0	-9359.09	-2751.81	6146.73	-1.695e+04	1.159e+06	-5.476e+05
		-5.476e+05	-1.054e+06	-1.59	0.0	360.0	-9359.09	-2751.81	6146.73	-1.695e+04	-1.054e+06	-5.476e+05
140	11	3.102e+05	9.869e+05	0.42	0.0	0.0	-6302.60	-1909.86	5244.35	4329.29	9.013e+05	3.102e+05
		-3.781e+05	-9.013e+05	-1.35	0.0	360.0	-6302.60	-1909.86	5244.35	4329.29	9.869e+05	-3.781e+05
140	12	1.077e+06	2.580e+05	1.31	0.0	0.0	-1.283e+04	-6650.77	-1509.40	-2.467e+04	2.580e+05	1.077e+06
		-1.319e+06	-2.856e+05	-0.05	0.0	360.0	-1.283e+04	-6650.77	-1509.40	-2.467e+04	-2.856e+05	-1.319e+06
140	13	9.222e+05	3.992e+05	1.01	0.0	0.0	-9883.80	-5658.02	-2345.72	1.969e+04	3.992e+05	9.222e+05
		-1.116e+06	-4.454e+05	0.62	0.0	360.0	-9883.80	-5658.02	-2345.72	1.969e+04	-4.454e+05	-1.116e+06
140	14	3.340e+05	8.692e+05	0.43	0.0	0.0	-7018.69	-2064.50	4609.77	-1.271e+04	-7.908e+05	3.340e+05
		-4.106e+05	-7.908e+05	-1.19	0.0	360.0	-7018.69	-2064.50	4609.77	-1.271e+04	-7.908e+05	-4.106e+05
140	15	2.325e+05	7.391e+05	0.31	0.0	0.0	-4720.11	-1430.63	3927.79	3271.82	-6.751e+05	2.325e+05
		-2.831e+05	-6.751e+05	-1.01	0.0	360.0	-4720.11	-1430.63	3927.79	3271.82	7.391e+05	-2.831e+05
140	16	8.089e+05	1.937e+05	0.98	0.0	0.0	-9630.21	-4991.52	-1132.80	-1.852e+04	1.937e+05	8.089e+05
		-9.899e+05	-2.143e+05	-0.04	0.0	360.0	-9630.21	-4991.52	-1132.80	-1.852e+04	-2.143e+05	-9.899e+05
140	17	6.925e+05	2.998e+05	0.76	0.0	0.0	-7421.21	-4246.96	-1760.76	1.477e+04	2.998e+05	6.925e+05
		-8.376e+05	-3.342e+05	0.47	0.0	360.0	-7421.21	-4246.96	-1760.76	1.477e+04	-3.342e+05	-8.376e+05
141	1	7.165e+04	1.539e+04	-3.35e-03	0.0	0.0	-4045.33	341.57	83.86	356.88	-1.480e+04	-5.132e+04
		-5.132e+04	-1.480e+04	-6.73e-03	0.0	360.0	-2965.33	341.57	83.86	356.88	1.539e+04	7.165e+04
141	2	2.722e+05	4.635e+04	-0.03	0.0	0.0	-1.305e+04	1057.68	270.24	-132.31	-5.094e+04	-1.086e+05
		-1.086e+05	-5.094e+04	-0.02	0.0	360.0	-1.305e+04	1057.68	270.24	-132.31	4.635e+04	2.722e+05
141	3	515.78	9402.61	9.68e-04	0.0	0.0	-37.13	12.78	70.61	50.36	-1.602e+04	-4083.86
		-4083.86	-1.602e+04	-3.01e-03	0.0	360.0	-37.13	12.78	70.61	50.36	9402.61	515.78
141	4	1.575e+04	1.534e+04	1.33e-03	0.0	0.0	-727.07	75.44	110.53	87.56	-2.445e+04	-1.141e+04
		-1.141e+04	-2.445e+04	-4.82e-03	0.0	360.0	-727.07	75.44	110.53	87.56	1.534e+04	1.575e+04
141	5	6.997e+04	3146.61	3.96e-03	0.0	0.0	-1951.20	401.83	40.53	227.87	-1.145e+04	-7.469e+04
		-7.469e+04	-1.145e+04	2.37e-03	0.0	360.0	-1951.20	401.83	40.53	227.87	3146.61	6.997e+04
141	6	4.063e+05	2.152e+06	0.11	0.0	0.0	1.412e+04	-2432.33	-1.261e+04	-4.011e+04	2.152e+06	4.063e+05
		-4.735e+05	-2.389e+06	3.25	0.0	360.0	1.412e+04	-2432.33	-1.261e+04	-4.011e+04	-2.389e+06	-4.735e+05
141	7	6.827e+05	1.672e+06	0.75	0.0	0.0	1.394e+04	-4140.35	-9774.91	-3232.44	1.672e+06	6.827e+05
		-8.098e+05	-1.848e+06	2.54	0.0	360.0	1.394e+04	-4140.35	-9774.91	-3232.44	-1.848e+06	-8.098e+05

141	8	2.608e+06	9.476e+05	-2.52	0.0	0.0	-6122.92	1.260e+04	-5593.35	-4.023e+04	9.476e+05	-1.933e+06
		-1.933e+06	-1.066e+06	1.39	0.0	360.0	-6122.92	1.260e+04	-5593.35	-4.023e+04	-1.066e+06	2.608e+06
141	9	1.801e+06	4.336e+05	-1.90	0.0	0.0	-6973.47	8715.78	-2551.53	3.616e+04	4.336e+05	-1.340e+06
		-1.340e+06	-4.853e+05	-0.13	0.0	360.0	-6973.47	8715.78	-2551.53	3.616e+04	-4.853e+05	1.801e+06
141	10	2.274e+05	1.149e+06	0.05	0.0	0.0	7532.05	-1369.57	-6726.37	-2.182e+04	1.149e+06	2.274e+05
		-2.679e+05	-1.273e+06	1.73	0.0	360.0	7532.05	-1369.57	-6726.37	-2.182e+04	-1.273e+06	-2.679e+05
141	11	3.664e+05	8.905e+05	0.40	0.0	0.0	7423.95	-2213.60	-5204.07	-1824.53	8.905e+05	3.664e+05
		-4.319e+05	-9.833e+05	1.35	0.0	360.0	7423.95	-2213.60	-5204.07	-1824.53	-9.833e+05	-4.319e+05
141	12	1.385e+06	5.096e+05	-1.33	0.0	0.0	-3300.40	6703.86	-3005.52	-2.226e+04	5.096e+05	-1.032e+06
		-1.032e+06	-5.726e+05	0.75	0.0	360.0	-3300.40	6703.86	-3005.52	-2.226e+04	-5.726e+05	1.385e+06
141	13	9.775e+05	2.542e+05	-1.04	0.0	0.0	-3708.56	4734.12	-1495.77	1.985e+04	2.542e+05	-7.288e+05
		-7.288e+05	-2.845e+05	-0.07	0.0	360.0	-3708.56	4734.12	-1495.77	1.985e+04	-2.845e+05	9.775e+05
141	14	1.709e+05	8.618e+05	0.04	0.0	0.0	5649.08	-1028.41	-5044.50	-1.637e+04	8.618e+05	1.709e+05
		-2.011e+05	-9.548e+05	1.29	0.0	360.0	5649.08	-1028.41	-5044.50	-1.637e+04	-9.548e+05	-2.011e+05
141	15	2.749e+05	6.670e+05	0.30	0.0	0.0	5560.83	-1659.55	-3897.48	-1380.48	6.670e+05	2.749e+05
		-3.236e+05	-7.364e+05	1.01	0.0	360.0	5560.83	-1659.55	-3897.48	-1380.48	-7.364e+05	-3.236e+05
141	16	1.040e+06	3.827e+05	-1.00	0.0	0.0	-2476.05	5032.96	-2256.00	-1.670e+04	3.827e+05	-7.754e+05
		-7.754e+05	-4.297e+05	0.56	0.0	360.0	-2476.05	5032.96	-2256.00	-1.670e+04	-4.297e+05	1.040e+06
141	17	7.335e+05	1.910e+05	-0.78	0.0	0.0	-2782.91	3553.85	-1123.54	1.489e+04	1.910e+05	-5.475e+05
		-5.475e+05	-2.136e+05	-0.06	0.0	360.0	-2782.91	3553.85	-1123.54	1.489e+04	-2.136e+05	7.335e+05
142	1	3.572e+04	1.884e+04	-5.58e-03	0.0	0.0	-1.016e+04	180.48	55.38	-789.91	-1.098.03	-2.925e+04
		-2.925e+04	-1.098.03	-3.37e-03	0.0	360.0	-8812.80	180.48	55.38	-789.91	1.884e+04	3.572e+04
142	2	-1.648e+04	-1.516e+04	-5.32e-03	0.0	0.0	-3.164e+04	-88.83	-5.43	-2458.27	-1.516e+04	-1.648e+04
		-4.846e+04	-1.712e+04	7.11e-03	0.0	360.0	-3.164e+04	-88.83	-5.43	-2458.27	-1.712e+04	-4.846e+04
142	3	3474.67	6349.41	3.91e-04	0.0	0.0	17.51	33.29	58.94	25.54	-1.487e+04	-8511.42
		-8511.42	-1.487e+04	-2.68e-03	0.0	360.0	17.51	33.29	58.94	25.54	6349.41	3474.67
142	4	-885.73	6649.40	8.37e-04	0.0	0.0	-1752.26	28.28	75.86	-102.37	-2.066e+04	-1.107e+04
		-1.107e+04	-2.066e+04	-3.79e-03	0.0	360.0	-1752.26	28.28	75.86	-102.37	6649.40	-885.73
142	5	2.858e+04	1.692e+04	-2.50e-03	0.0	0.0	-3087.04	-76.46	-77.86	-544.31	1.692e+04	2.858e+04
		1052.60	-1.111e+04	-2.00e-03	0.0	360.0	-3087.04	-76.46	-77.86	-544.31	-1.111e+04	1052.60
142	6	1.711e+06	2.252e+06	0.99	0.0	0.0	1702.43	-9795.44	-1.200e+04	-4.951e+04	2.252e+06	1.711e+06
		-1.817e+06	-2.070e+06	2.88	0.0	360.0	1702.43	-9795.44	-1.200e+04	-4.951e+04	-2.070e+06	-1.817e+06
142	7	1.223e+06	2.054e+06	0.63	0.0	0.0	1199.83	-6848.78	-1.094e+04	1.348e+04	2.054e+06	1.223e+06
		-1.243e+06	-1.886e+06	2.65	0.0	360.0	1199.83	-6848.78	-1.094e+04	1.348e+04	-1.886e+06	-1.243e+06
142	8	3.946e+06	6.371e+05	-1.81	0.0	0.0	1.377e+04	2.001e+04	-3672.20	-5.443e+04	6.371e+05	-3.260e+06
		-3.260e+06	-6.862e+05	0.99	0.0	360.0	1.377e+04	2.001e+04	-3672.20	-5.443e+04	-6.862e+05	3.946e+06
142	9	4.999e+06	4.031e+05	-2.44	0.0	0.0	1.655e+04	2.540e+04	-2463.79	4.129e+04	4.031e+05	-4.149e+06
		-4.149e+06	-4.860e+05	0.25	0.0	360.0	1.655e+04	2.540e+04	-2463.79	4.129e+04	-4.860e+05	4.999e+06
142	10	9.149e+05	1.201e+06	0.53	0.0	0.0	989.03	-5232.88	-6397.46	-2.790e+04	1.201e+06	9.149e+05
		-9.702e+05	-1.103e+06	1.53	0.0	360.0	989.03	-5232.88	-6397.46	-2.790e+04	-1.103e+06	-9.702e+05
142	11	6.518e+05	1.095e+06	0.33	0.0	0.0	665.20	-3647.40	-5828.80	7732.62	1.095e+06	6.518e+05
		-6.617e+05	-1.004e+06	1.41	0.0	360.0	665.20	-3647.40	-5828.80	7732.62	-1.004e+06	-6.617e+05
142	12	2.131e+06	3.398e+05	-0.97	0.0	0.0	7411.43	1.081e+04	-1954.98	-2.983e+04	3.398e+05	-1.762e+06
		-1.762e+06	-3.648e+05	0.54	0.0	360.0	7411.43	1.081e+04	-1954.98	-2.983e+04	-3.648e+05	2.131e+06
142	13	2.657e+06	2.237e+05	-1.30	0.0	0.0	8817.60	1.351e+04	-1357.17	2.294e+04	2.237e+05	-2.210e+06
		-2.210e+06	-2.661e+05	0.13	0.0	360.0	8817.60	1.351e+04	-1357.17	2.294e+04	-2.661e+05	2.657e+06
142	14	6.865e+05	9.007e+05	0.40	0.0	0.0	750.60	-3925.16	-4797.55	-2.093e+04	9.007e+05	6.865e+05
		-7.276e+05	-8.268e+05	1.15	0.0	360.0	750.60	-3925.16	-4797.55	-2.093e+04	-8.268e+05	-7.276e+05
142	15	4.883e+05	8.199e+05	0.25	0.0	0.0	502.76	-2732.04	-4365.71	5893.52	8.199e+05	4.883e+05
		-4.956e+05	-7.520e+05	1.05	0.0	360.0	502.76	-2732.04	-4365.71	5893.52	-7.520e+05	-4.956e+05
142	16	1.598e+06	2.551e+05	-0.73	0.0	0.0	5560.73	8111.05	-1466.99	-2.238e+04	2.551e+05	-1.322e+06
		-1.322e+06	-2.737e+05	0.40	0.0	360.0	5560.73	8111.05	-1466.99	-2.238e+04	-2.737e+05	1.598e+06
142	17	1.994e+06	1.680e+05	-0.97	0.0	0.0	6619.82	1.014e+04	-1018.87	1.722e+04	1.680e+05	-1.660e+06
		-1.660e+06	-1.998e+05	0.10	0.0	360.0	6619.82	1.014e+04	-1018.87	1.722e+04	-1.998e+05	1.994e+06
143	1	8946.44	1640.14	-5.71e-03	0.0	0.0	-1.004e+04	101.70	-67.49	55.57	1640.14	-2.767e+04
		-2.767e+04	-2.266e+04	5.27e-03	0.0	360.0	-8685.77	101.70	-67.49	55.57	-2.266e+04	8946.44
143	2	4.528e+04	3.653e+04	0.01	0.0	0.0	-3.068e+04	636.02	82.42	644.95	6853.71	-1.837e+05
		-1.837e+05	6853.71	-0.02	0.0	360.0	-3.068e+04	636.02	82.42	644.95	3.653e+04	4.528e+04
143	3	2.412e+04	6138.96	4.45e-03	0.0	0.0	97.00	260.94	-23.79	23.64	6138.96	-6.982e+04
		-6.982e+04	-2426.71	-2.80e-03	0.0	360.0	97.00	260.94	-23.79	23.64	-2426.71	2.412e+04
143	4	3.392e+04	8077.48	6.73e-03	0.0	0.0	-1596.02	384.15	-21.37	-6.21	8077.48	-1.044e+05
		-1.044e+05	384.81	-4.47e-03	0.0	360.0	-1596.02	384.15	-21.37	-6.21	384.81	3.392e+04
143	5	9716.03	1.197e+04	-1.42e-03	0.0	0.0	-2975.16	-2.54	118.21	-359.38	3.058e+04	9716.03
		8802.63	-3.058e+04	4.97e-03	0.0	360.0	-2975.16	-2.54	118.21	-359.38	1.197e+04	8802.63
143	6	3.216e+05	1.994e+06	0.49	0.0	0.0	-1686.94	-2007.63	-1.160e+04	-7.511e+04	1.994e+06	3.216e+05
		-4.333e+05	-2.183e+06	3.02	0.0	360.0	-1686.94	-2007.63	-1.160e+04	-7.511e+04	-2.183e+06	-4.333e+05
143	7	4.230e+05	1.707e+06	0.61	0.0	0.0	-2691.23	-2928.47	-9913.95	-2.837e+04	1.707e+06	4.230e+05
		-6.385e+05	-1.863e+06	2.66	0.0	360.0	-2691.23	-2928.47	-9913.95	-2.837e+04	-1.863e+06	-6.385e+05
143	8	4.605e+06	1.092e+06	-2.18	0.0	0.0	1.646e+04	2.371e+04	-6240.93	-4.855e+04	1.092e+06	-3.932e+06
		-3.932e+06	-1.155e+06	1.08	0.0	360.0	1.646e+04	2.371e+04	-6240.93	-4.855e+04	-1.155e+06	4.605e+06
143	9	4.085e+06	7.164e+05	-2.10	0.0	0.0	1.463e+04	2.095e+04	-4038.24	4.629e+04	7.164e+05	-3.457e+06
		-3.457e+06	-7.377e+05	0.17	0.0	360.0	1.463e+04	2.095e+04	-4038.24	4.629e+04	-7.377e+05	4.085e+06
143	10	1.839e+05	1.064e+06	0.26	0.0	0.0	-964.80	-1127.17	-6183.30	-4.150e+04	1.064e+06	1.839e+05
		-2.394e+05	-1.163e+06	1.60	0.0	360.0	-964.80	-1127.17	-6183.30	-4.150e+04	-1.163e+06	-2.394e+05
143	11	2.289e+05	9.103e+05	0.33	0.0	0.0	-1437.40	-1566.77	-5281.59	-1.609e+04	9.103e+05	2.289e+05
		-3.401e+05	-9.918e+05	1.41	0.0	360.0	-1437.40	-1566.77	-5281.59	-1.609e+04	-9.918e+05	-3.401e+05

143	12	2.452e+06	5.806e+05	-1.15	0.0	0.0	8779.09	1.263e+04	-3316.97	-2.703e+04	5.806e+05	-2.096e+06
		-2.096e+06	-6.136e+05	0.58	0.0	360.0	8779.09	1.263e+04	-3316.97	-2.703e+04	-6.136e+05	2.452e+06
143	13	2.189e+06	3.930e+05	-1.13	0.0	0.0	7854.15	1.123e+04	-2218.17	2.536e+04	3.930e+05	-1.855e+06
		-1.855e+06	-4.057e+05	0.09	0.0	360.0	7854.15	1.123e+04	-2218.17	2.536e+04	-4.057e+05	2.189e+06
143	14	1.386e+06	7.984e+05	0.19	0.0	0.0	-728.97	-847.11	-4637.50	-3.119e+04	7.984e+05	1.386e+06
		-1.797e+05	-8.720e+05	1.20	0.0	360.0	-728.97	-847.11	-4637.50	-3.119e+04	-8.720e+05	-1.797e+05
143	15	1.721e+05	6.820e+05	0.24	0.0	0.0	-1077.61	-1174.98	-3956.12	-1.223e+04	6.820e+05	1.721e+05
		-2.548e+05	-7.428e+05	1.06	0.0	360.0	-1077.61	-1174.98	-3956.12	-1.223e+04	-7.428e+05	-2.548e+05
143	16	1.840e+06	4.357e+05	-0.86	0.0	0.0	6589.23	9477.32	-2488.67	-2.029e+04	4.357e+05	-1.573e+06
		-1.573e+06	-4.603e+05	0.44	0.0	360.0	6589.23	9477.32	-2488.67	-2.029e+04	-4.603e+05	1.840e+06
143	17	1.642e+06	2.949e+05	-0.84	0.0	0.0	5895.58	8428.60	-1664.64	1.903e+04	2.949e+05	-1.393e+06
		-1.393e+06	-3.045e+05	0.06	0.0	360.0	5895.58	8428.60	-1664.64	1.903e+04	-3.045e+05	1.642e+06
144	1	2.199e+04	5106.76	-3.11e-03	0.0	0.0	-7343.96	124.08	-49.31	-958.54	5106.76	-2.268e+04
		-2.268e+04	-1.264e+04	3.40e-03	0.0	360.0	-7343.96	124.08	-49.31	-958.54	-1.264e+04	2.199e+04
144	2	8.640e+04	-1.555e+04	-0.01	0.0	0.0	-1.850e+04	320.15	72.79	-902.91	-4.176e+04	-2.886e+04
		-2.886e+04	-4.176e+04	0.02	0.0	360.0	-1.850e+04	320.15	72.79	-902.91	-4.176e+04	-2.886e+04
144	3	1972.14	7345.99	-1.03e-03	0.0	0.0	155.95	-3.69	84.19	-1.12	-2.296e+04	1972.14
		643.68	-2.296e+04	6.03e-03	0.0	360.0	155.95	-3.69	84.19	-1.12	7345.99	643.68
144	4	8845.85	7702.66	-2.47e-03	0.0	0.0	-757.08	25.08	112.87	-23.14	-3.293e+04	-184.21
		-184.21	-3.293e+04	9.37e-03	0.0	360.0	-757.08	25.08	112.87	-23.14	7702.66	8845.85
144	5	4.141e+04	1.927e+04	2.71e-03	0.0	0.0	-3291.94	254.25	-99.30	-128.30	1.927e+04	-5.012e+04
		-5.012e+04	-1.648e+04	-1.76e-03	0.0	360.0	-3291.94	254.25	-99.30	-128.30	-1.648e+04	4.141e+04
144	6	5.023e+05	1.968e+06	0.21	0.0	0.0	-5787.69	-2908.38	1.051e+04	-2.446e+04	-1.815e+06	5.023e+05
		-5.556e+05	-1.815e+06	-3.03	0.0	360.0	-5787.69	-2908.38	1.051e+04	-2.446e+04	-1.815e+06	-5.556e+05
144	7	5.294e+05	1.607e+06	0.84	0.0	0.0	-6022.90	-3556.07	8533.61	1.465e+04	-1.466e+06	5.294e+05
		-7.556e+05	-1.466e+06	-2.62	0.0	360.0	-6022.90	-3556.07	8533.61	1.465e+04	-1.466e+06	-7.556e+05
144	8	2.133e+06	6.903e+05	1.80	0.0	0.0	-2456.18	-1.311e+04	-3758.71	-3.912e+04	6.903e+05	2.133e+06
		-2.588e+06	-6.636e+05	0.10	0.0	360.0	-2456.18	-1.311e+04	-3758.71	-3.912e+04	-6.636e+05	-2.588e+06
144	9	3.279e+06	1.145e+06	2.53	0.0	0.0	-2434.26	-2.006e+04	-6298.89	2.994e+04	1.145e+06	3.279e+06
		-3.945e+06	-1.122e+06	0.99	0.0	360.0	-2434.26	-2.006e+04	-6298.89	2.994e+04	-1.122e+06	-3.945e+06
144	10	2.903e+05	1.048e+06	0.10	0.0	0.0	-3083.53	-1693.61	5601.67	-1.377e+04	-9.691e+05	2.903e+05
		-3.250e+05	-9.691e+05	-1.61	0.0	360.0	-3083.53	-1693.61	5601.67	-1.377e+04	-9.691e+05	-3.250e+05
144	11	2.865e+05	8.554e+05	0.45	0.0	0.0	-3208.67	-1907.75	4545.97	7847.82	-7.818e+05	2.865e+05
		-4.036e+05	-7.818e+05	-1.39	0.0	360.0	-3208.67	-1907.75	4545.97	7847.82	-7.818e+05	-4.036e+05
144	12	1.171e+06	3.875e+05	0.99	0.0	0.0	-1316.84	-7190.75	-2115.45	-2.145e+04	3.875e+05	-1.171e+06
		-1.418e+06	-3.745e+05	0.06	0.0	360.0	-1316.84	-7190.75	-2115.45	-2.145e+04	-3.745e+05	-1.418e+06
144	13	1.742e+06	6.077e+05	1.34	0.0	0.0	-1301.52	-1.065e+04	-3342.27	1.661e+04	6.077e+05	1.742e+06
		-2.094e+06	-5.957e+05	0.53	0.0	360.0	-1301.52	-1.065e+04	-3342.27	1.661e+04	-5.957e+05	-2.094e+06
144	14	2.180e+05	7.861e+05	0.08	0.0	0.0	-2311.91	-1271.50	4201.15	-1.033e+04	-7.270e+05	2.180e+05
		-2.439e+05	-7.270e+05	-1.21	0.0	360.0	-2311.91	-1271.50	4201.15	-1.033e+04	-7.270e+05	-2.439e+05
144	15	2.153e+05	6.407e+05	0.33	0.0	0.0	-2403.48	-1431.14	3405.11	5885.88	-5.857e+05	2.153e+05
		-3.025e+05	-5.857e+05	-1.04	0.0	360.0	-2403.48	-1431.14	3405.11	5885.88	-5.857e+05	-3.025e+05
144	16	8.781e+05	2.908e+05	0.74	0.0	0.0	-990.35	-5394.47	-1587.42	-1.609e+04	2.908e+05	8.781e+05
		-1.064e+06	-2.810e+05	0.04	0.0	360.0	-990.35	-5394.47	-1587.42	-1.609e+04	-2.810e+05	-1.064e+06
144	17	1.307e+06	4.559e+05	1.00	0.0	0.0	-976.84	-7994.74	-2507.78	1.247e+04	4.559e+05	1.307e+06
		-1.571e+06	-4.469e+05	0.40	0.0	360.0	-976.84	-7994.74	-2507.78	1.247e+04	-4.469e+05	-1.571e+06
145	1	2.806e+04	1.794e+04	2.56e-03	0.0	0.0	-7520.23	-142.86	-94.62	1077.55	1.794e+04	2.806e+04
		-2.337e+04	-1.612e+04	-1.55e-03	0.0	360.0	-7520.23	-142.86	-94.62	1077.55	-1.612e+04	-2.337e+04
145	2	4.461e+04	3.692e+04	0.01	0.0	0.0	-1.960e+04	-370.14	-198.29	1393.41	3.692e+04	4.461e+04
		-8.864e+04	-3.447e+04	-0.01	0.0	360.0	-1.960e+04	-370.14	-198.29	1393.41	-3.447e+04	-8.864e+04
145	3	4407.51	1.208e+04	7.86e-04	0.0	0.0	-156.02	-16.35	-40.23	28.77	1.208e+04	4407.51
		-1476.73	-2399.78	-4.27e-03	0.0	360.0	-156.02	-16.35	-40.23	28.77	-2399.78	-1476.73
145	4	9849.71	1.924e+04	1.56e-03	0.0	0.0	-1231.48	-55.68	-72.18	84.18	1.924e+04	9849.71
		-1.019e+04	-6739.35	-5.85e-03	0.0	360.0	-1231.48	-55.68	-72.18	84.18	-6739.35	-1.019e+04
145	5	5.556e+04	2.708e+04	-3.20e-03	0.0	0.0	-3301.07	-275.46	-127.25	193.99	2.708e+04	5.556e+04
		-4.361e+04	-1.873e+04	-3.44e-03	0.0	360.0	-3301.07	-275.46	-127.25	193.99	-1.873e+04	-4.361e+04
145	6	6.342e+05	1.216e+06	0.27	0.0	0.0	6224.31	-3502.03	-8300.38	-2.404e+04	1.216e+06	-6.437e+05
		-6.437e+05	-1.780e+06	3.05	0.0	360.0	6224.31	-3502.03	-8300.38	-2.404e+04	-1.780e+06	-6.437e+05
145	7	3.536e+05	9.303e+05	0.76	0.0	0.0	6662.40	-2678.15	-6565.21	1.471e+04	9.303e+05	3.536e+05
		-6.225e+05	-1.439e+06	2.64	0.0	360.0	6662.40	-2678.15	-6565.21	1.471e+04	-1.439e+06	-6.225e+05
145	8	3.980e+06	9.811e+05	-2.52	0.0	0.0	-3291.97	2.027e+04	-5680.20	-3.540e+04	9.811e+05	-3.318e+06
		-3.318e+06	-1.065e+06	1.08	0.0	360.0	-3291.97	2.027e+04	-5680.20	-3.540e+04	-1.065e+06	-3.318e+06
145	9	2.730e+06	6.057e+05	-1.85	0.0	0.0	-3437.86	1.385e+04	-3360.37	3.394e+04	6.057e+05	-2.257e+06
		-2.257e+06	-6.061e+05	0.19	0.0	360.0	-3437.86	1.385e+04	-3360.37	3.394e+04	-6.061e+05	-2.257e+06
145	10	-3.597e+05	6.534e+05	0.15	0.0	0.0	3315.15	-1980.59	-4436.85	-1.353e+04	6.534e+05	-3.597e+05
		-3.624e+05	-9.489e+05	1.62	0.0	360.0	3315.15	-1980.59	-4436.85	-1.353e+04	-9.489e+05	-3.624e+05
145	11	1.949e+05	4.990e+05	0.40	0.0	0.0	3547.25	-1443.92	-3503.88	7887.23	4.990e+05	1.949e+05
		-3.328e+05	-7.663e+05	1.40	0.0	360.0	3547.25	-1443.92	-3503.88	7887.23	-7.663e+05	-3.328e+05
145	12	2.114e+06	5.216e+05	-1.34	0.0	0.0	-1765.16	1.077e+04	-3019.87	-1.966e+04	5.216e+05	-1.764e+06
		-1.764e+06	-5.662e+05	0.58	0.0	360.0	-1765.16	1.077e+04	-3019.87	-1.966e+04	-5.662e+05	-1.764e+06
145	13	1.483e+06	3.336e+05	-1.01	0.0	0.0	-1831.00	7530.83	-1860.76	1.854e+04	3.336e+05	-1.228e+06
		-1.228e+06	-3.375e+05	0.10	0.0	360.0	-1831.00	7530.83	-1860.76	1.854e+04	-3.375e+05	-1.228e+06
145	14	-2.700e+05	4.908e+05	0.11	0.0	0.0	2485.46	-1486.50	-3329.18	-1.015e+04	4.908e+05	-2.700e+05
		-2.720e+05	-7.116e+05	1.22	0.0	360.0	2485.46	-1486.50	-3329.18	-1.015e+04	-7.116e+05	-2.720e+05
145	15	1.471e+05	3.743e+05	0.30	0.0	0.0	2656.77	-1084.64	-2625.56	5916.40	3.743e+05	1.471e+05
		-2.495e+05	-5.739e+05	1.05	0.0	360.0	2656.77	-1084.64	-2625.56	5916.40	-5.739e+05	-2.495e+05

145	16	1.586e+06	3.914e+05	-1.00	0.0	0.0	-1325.07	8081.72	-2265.84	-1.475e+04	3.914e+05	-1.324e+06
		-1.324e+06	-4.248e+05	0.43	0.0	360.0	-1325.07	8081.72	-2265.84	-1.475e+04	-4.248e+05	1.586e+06
145	17	1.113e+06	2.503e+05	-0.76	0.0	0.0	-1373.82	5651.59	-1396.47	1.392e+04	2.503e+05	-9.218e+05
		-9.218e+05	-2.533e+05	0.08	0.0	360.0	-1373.82	5651.59	-1396.47	1.392e+04	-2.533e+05	1.113e+06
146	1	8891.19	7074.73	1.05e-03	0.0	0.0	-1.558e+04	39.61	88.50	122.31	-2.479e+04	-5370.08
		-5370.08	-2.479e+04	-5.34e-03	0.0	360.0	-1.423e+04	39.61	88.50	122.31	7074.73	8891.19
146	2	6.339e+04	1.216e+05	9.01e-03	0.0	0.0	-2.590e+04	-505.92	-743.43	-521.64	1.216e+05	6.339e+04
		-1.187e+05	-1.460e+05	9.80e-03	0.0	360.0	-2.590e+04	-505.92	-743.43	-521.64	-1.460e+05	-1.187e+05
146	3	2418.02	3.073e+04	-4.31e-04	0.0	0.0	-64.79	-8.98	-114.68	63.03	3.073e+04	2418.02
		-813.13	-1.056e+04	-6.29e-03	0.0	360.0	-64.79	-8.98	-114.68	63.03	-1.056e+04	-813.13
146	4	6915.83	5.181e+04	-4.52e-04	0.0	0.0	-1291.10	-40.99	-228.59	-143.02	5.181e+04	6915.83
		-7839.68	-3.048e+04	-7.80e-03	0.0	360.0	-1291.10	-40.99	-228.59	-143.02	-3.048e+04	-7839.68
146	5	7884.02	-3.148e+04	1.75e-03	0.0	0.0	-4766.04	-85.85	27.62	-1119.49	-4.143e+04	7884.02
		-2.302e+04	-4.143e+04	0.02	0.0	360.0	-4766.04	-85.85	27.62	-1119.49	-3.148e+04	-2.302e+04
146	6	2.059e+06	1.954e+06	1.36	0.0	0.0	-1.639e+04	-1.345e+04	-1.260e+04	-5.751e+04	1.954e+06	2.059e+06
		-2.789e+06	-2.584e+06	2.61	0.0	360.0	-1.639e+04	-1.345e+04	-1.260e+04	-5.751e+04	-2.584e+06	-2.789e+06
146	7	1.163e+06	1.949e+06	0.60	0.0	0.0	-1.176e+04	-7568.86	-1.263e+04	-2254.61	1.949e+06	1.163e+06
		-1.563e+06	-2.599e+06	2.74	0.0	360.0	-1.176e+04	-7568.86	-1.263e+04	-2254.61	-2.599e+06	-1.563e+06
146	8	3.010e+06	1.981e+05	-1.61	0.0	0.0	1.259e+04	1.463e+04	-1426.87	-5.681e+04	1.981e+05	-2.258e+06
		-2.258e+06	-3.220e+05	0.71	0.0	360.0	1.259e+04	1.463e+04	-1426.87	-5.681e+04	-3.220e+05	3.010e+06
146	9	4.777e+06	1.655e+05	-2.68	0.0	0.0	2.004e+04	2.319e+04	-1370.39	6.414e+04	1.655e+05	-3.583e+06
		-3.583e+06	-3.353e+05	0.57	0.0	360.0	2.004e+04	2.319e+04	-1370.39	6.414e+04	-3.353e+05	4.777e+06
146	10	1.107e+06	1.045e+06	0.74	0.0	0.0	-8770.10	-7212.00	-6722.27	-3.145e+04	1.045e+06	1.107e+06
		-1.493e+06	-1.377e+06	1.39	0.0	360.0	-8770.10	-7212.00	-6722.27	-3.145e+04	-1.377e+06	-1.493e+06
146	11	6.193e+05	1.041e+06	0.32	0.0	0.0	-6272.33	-4029.30	-6730.63	-1290.25	1.041e+06	6.193e+05
		-8.317e+05	-1.384e+06	1.45	0.0	360.0	-6272.33	-4029.30	-6730.63	-1290.25	-1.384e+06	-8.317e+05
146	12	1.662e+06	1.064e+05	-0.89	0.0	0.0	7028.83	8072.92	-761.99	-3.192e+04	1.064e+05	-1.245e+06
		-1.245e+06	-1.717e+05	0.39	0.0	360.0	7028.83	8072.92	-761.99	-3.192e+04	-1.717e+05	1.662e+06
146	13	2.538e+06	9.127e+04	-1.42	0.0	0.0	1.065e+04	1.234e+04	-739.07	3.485e+04	9.127e+04	-1.912e+06
		-1.912e+06	-1.796e+05	0.30	0.0	360.0	1.065e+04	1.234e+04	-739.07	3.485e+04	-1.796e+05	2.538e+06
146	14	8.308e+05	7.838e+05	0.55	0.0	0.0	-6580.28	-5411.07	-5042.06	-2.359e+04	7.838e+05	8.308e+05
		-1.119e+06	-1.033e+06	1.04	0.0	360.0	-6580.28	-5411.07	-5042.06	-2.359e+04	-1.033e+06	-1.119e+06
146	15	4.639e+05	7.799e+05	0.24	0.0	0.0	-4699.85	-3017.76	-5042.24	-978.35	7.799e+05	4.639e+05
		-6.229e+05	-1.037e+06	1.09	0.0	360.0	-4699.85	-3017.76	-5042.24	-978.35	-1.037e+06	-6.229e+05
146	16	1.247e+06	7.990e+04	-0.67	0.0	0.0	5286.52	6056.92	-571.39	-2.396e+04	7.990e+04	-9.345e+05
		-9.345e+05	-1.287e+05	0.29	0.0	360.0	5286.52	6056.92	-571.39	-2.396e+04	-1.287e+05	1.247e+06
146	17	1.905e+06	6.905e+04	-1.06	0.0	0.0	8000.31	9270.27	-555.72	2.616e+04	6.905e+04	-1.438e+06
		-1.438e+06	-1.348e+05	0.22	0.0	360.0	8000.31	9270.27	-555.72	2.616e+04	-1.348e+05	1.905e+06
147	1	3.096e+04	3.602e+04	3.12e-03	0.0	0.0	-1.465e+04	138.73	-221.58	-1428.05	2.602e+04	-1.898e+04
		-1.898e+04	-5.375e+04	0.01	0.0	360.0	-1.330e+04	138.73	-221.58	-1428.05	-5.375e+04	3.096e+04
147	2	1.937e+05	9.581e+04	-0.01	0.0	0.0	-4.556e+04	808.73	-709.56	4651.07	9.581e+04	-9.745e+04
		-9.745e+04	-1.596e+05	0.02	0.0	360.0	-4.556e+04	808.73	-709.56	4651.07	-1.596e+05	1.937e+05
147	3	1241.18	2.344e+04	-5.06e-04	0.0	0.0	-42.84	6.25	-97.69	-71.23	2.344e+04	-1009.79
		-1009.79	-1.173e+04	2.74e-03	0.0	360.0	-42.84	6.25	-97.69	-71.23	-1.173e+04	1241.18
147	4	1.144e+04	4.049e+04	-1.03e-03	0.0	0.0	-2409.36	49.04	-202.09	376.85	4.049e+04	-6212.16
		-6212.16	-3.226e+04	4.54e-03	0.0	360.0	-2409.36	49.04	-202.09	376.85	-3.226e+04	1.144e+04
147	5	3.714e+04	3.602e+04	-2.35e-03	0.0	0.0	-4531.25	145.77	-291.18	2106.87	3.602e+04	-1.534e+04
		-1.534e+04	-7.300e+04	0.01	0.0	360.0	-4531.25	145.77	-291.18	2106.87	-7.300e+04	3.714e+04
147	6	3.619e+05	2.882e+06	-0.20	0.0	0.0	1.511e+04	1851.00	1.427e+04	-3.320e+04	-2.257e+06	-3.050e+05
		-3.050e+05	-2.257e+06	-2.88	0.0	360.0	1.511e+04	1851.00	1.427e+04	-3.320e+04	2.882e+06	3.619e+05
147	7	1.178e+05	2.798e+06	0.08	0.0	0.0	1.637e+04	-696.58	1.387e+04	2.068e+04	-2.198e+06	1.178e+05
		-1.338e+05	-2.198e+06	-2.80	0.0	360.0	1.637e+04	-696.58	1.387e+04	2.068e+04	-2.198e+06	1.338e+05
147	8	3.137e+06	2.709e+05	1.99	0.0	0.0	1.524e+04	-1.930e+04	1330.71	-5.342e+04	-2.089e+05	3.137e+06
		-3.812e+06	-2.089e+05	-0.27	0.0	360.0	1.524e+04	-1.930e+04	1330.71	-5.342e+04	2.709e+05	-3.812e+06
147	9	3.788e+06	1.078e+05	2.40	0.0	0.0	1.929e+04	-2.329e+04	-692.90	4.391e+04	1.078e+05	3.788e+06
		-4.603e+06	-1.421e+05	0.15	0.0	360.0	1.929e+04	-2.329e+04	-692.90	4.391e+04	-1.421e+05	-4.603e+06
147	10	2.016e+05	1.536e+06	-0.11	0.0	0.0	8088.66	1031.14	7610.79	-1.866e+04	-1.205e+06	-1.700e+05
		-1.700e+05	-1.205e+06	-1.53	0.0	360.0	8088.66	1031.14	7610.79	-1.866e+04	1.536e+06	2.016e+05
147	11	6.439e+04	1.490e+06	0.04	0.0	0.0	8716.48	-377.47	7392.54	1.104e+04	-1.172e+06	6.439e+04
		-7.208e+04	-1.172e+06	-1.49	0.0	360.0	8716.48	-377.47	7392.54	1.104e+04	1.490e+06	-7.208e+04
147	12	1.689e+06	1.477e+05	1.07	0.0	0.0	8223.76	-1.038e+04	726.49	-2.938e+04	-1.142e+05	1.689e+06
		-2.050e+06	-1.142e+05	-0.15	0.0	360.0	8223.76	-1.038e+04	726.49	-2.938e+04	1.477e+05	-2.050e+06
147	13	2.021e+06	5.997e+04	1.28	0.0	0.0	1.029e+04	-1.241e+04	-385.83	2.423e+04	5.997e+04	2.021e+06
		-2.449e+06	-7.919e+04	0.08	0.0	360.0	1.029e+04	-1.241e+04	-385.83	2.423e+04	-7.919e+04	-2.449e+06
147	14	1.513e+05	1.152e+06	-0.08	0.0	0.0	6068.40	774.08	5708.14	-1.400e+04	-9.042e+05	-1.277e+05
		-1.277e+05	-9.042e+05	-1.15	0.0	360.0	6068.40	774.08	5708.14	-1.400e+04	1.152e+06	1.513e+05
147	15	4.854e+04	1.116e+06	0.03	0.0	0.0	6528.34	-283.96	5537.59	8270.52	-8.783e+05	4.854e+04
		-5.414e+04	-8.783e+05	-1.11	0.0	360.0	6528.34	-283.96	5537.59	8270.52	1.116e+06	-5.414e+04
147	16	1.267e+06	1.108e+05	0.80	0.0	0.0	6173.64	-7789.41	544.89	-2.205e+04	-8.570e+04	1.267e+06
		-1.538e+06	-8.570e+04	-0.11	0.0	360.0	6173.64	-7789.41	544.89	-2.205e+04	1.108e+05	-1.538e+06
147	17	1.518e+06	4.508e+04	0.96	0.0	0.0	7728.04	-9313.09	-289.77	1.819e+04	4.508e+04	1.518e+06
		-1.838e+06	-5.944e+04	0.06	0.0	360.0	7728.04	-9313.09	-289.77	1.819e+04	-5.944e+04	-1.838e+06
148	1	2.940e+04	4.129e+04	3.47e-03	0.0	0.0	-1.465e+04	131.99	139.07	1849.46	-8.779e+04	-1.811e+04
		-1.811e+04	-8.779e+04	-5.82e-03	0.0	360.0	-1.330e+04	131.99	139.07	1849.46	4.129e+04	2.940e+04
148	2	2.083e+05	1.075e+05	-9.36e-03	0.0	0.0	-4.528e+04	1013.63	351.12	-3352.27	-1.895e+04	-1.566e+05
		-1.566e+05	-1.895e+04	0.03	0.0	360.0	-4.528e+04	1013.63	351.12	-3352.27	1.075e+05	2.083e+05

148	3	9001.10	726.05	-1.18e-03	0.0	0.0	102.63	94.30	11.87	1.01	-3548.09	-2.495e+04
		-2.495e+04	-3548.09	2.55e-03	0.0	360.0	102.63	94.30	11.87	1.01	726.05	9001.10
148	4	2.294e+04	1.261e+04	-1.67e-03	0.0	0.0	-2195.57	180.87	53.14	-344.74	-6516.70	-4.217e+04
		-4.217e+04	-6516.70	5.92e-03	0.0	360.0	-2195.57	180.87	53.14	-344.74	1.261e+04	2.294e+04
148	5	3.688e+04	5.404e+04	-2.48e-03	0.0	0.0	-4557.94	142.23	161.98	-1418.11	-4266.85	-1.432e+04
		-1.432e+04	-4266.85	9.68e-03	0.0	360.0	-4557.94	142.23	161.98	-1418.11	5.404e+04	3.688e+04
148	6	4.307e+05	1.857e+06	0.30	0.0	0.0	-1.181e+04	-2727.95	6662.16	2.839e+04	6.835e+05	4.307e+05
		-5.532e+05	6.835e+05	-2.41	0.0	360.0	-1.181e+04	-2727.95	6662.16	2.839e+04	1.857e+06	-5.532e+05
148	7	-7.665e+04	1.820e+06	-0.05	0.0	0.0	-1.347e+04	-514.79	6593.00	3.697e+04	-6.722e+05	-7.665e+04
		-1.135e+05	-6.722e+05	-2.35	0.0	360.0	-1.347e+04	-514.79	6593.00	3.697e+04	1.820e+06	-1.135e+05
148	8	3.673e+06	1.730e+05	2.36	0.0	0.0	2.009e+04	-2.274e+04	579.00	-5.088e+04	-4.184e+04	3.673e+06
		-4.519e+06	-4.184e+04	-0.23	0.0	360.0	2.009e+04	-2.274e+04	579.00	-5.088e+04	1.730e+05	-4.519e+06
148	9	3.217e+06	-1.873e+04	2.05	0.0	0.0	1.670e+04	-1.986e+04	-275.38	4.576e+04	-1.873e+04	3.217e+06
		-3.936e+06	-9.266e+04	0.13	0.0	360.0	1.670e+04	-1.986e+04	-275.38	4.576e+04	-9.266e+04	-3.936e+06
148	10	2.358e+05	9.950e+05	0.16	0.0	0.0	-6343.81	-1486.54	3622.97	1.658e+04	3.949e+05	2.358e+05
		-3.005e+05	3.949e+05	-1.28	0.0	360.0	-6343.81	-1486.54	3622.97	1.658e+04	9.950e+05	-3.005e+05
148	11	-4.109e+04	9.743e+05	-0.03	0.0	0.0	-7180.07	-274.75	3575.72	1.994e+04	-3.851e+05	-4.109e+04
		-6.043e+04	-3.851e+05	-1.25	0.0	360.0	-7180.07	-274.75	3575.72	1.994e+04	9.743e+05	-6.043e+04
148	12	1.961e+06	9.401e+04	1.26	0.0	0.0	1.072e+04	-1.212e+04	313.18	-2.810e+04	-2.279e+04	1.961e+06
		-2.406e+06	-2.279e+04	-0.13	0.0	360.0	1.072e+04	-1.212e+04	313.18	-2.810e+04	9.401e+04	-2.406e+06
148	13	1.729e+06	-1.073e+04	1.10	0.0	0.0	8972.79	-1.066e+04	-154.41	2.507e+04	-1.073e+04	1.729e+06
		-2.111e+06	-5.150e+04	0.07	0.0	360.0	8972.79	-1.066e+04	-154.41	2.507e+04	-5.150e+04	-2.111e+06
148	14	1.772e+05	7.471e+05	0.12	0.0	0.0	-4761.72	-1115.88	2730.13	1.250e+04	3.015e+05	1.772e+05
		-2.255e+05	3.015e+05	-0.96	0.0	360.0	-4761.72	-1115.88	2730.13	1.250e+04	7.471e+05	-2.255e+05
148	15	-3.090e+04	7.307e+05	-0.02	0.0	0.0	-5379.20	-206.25	2690.82	1.497e+04	-2.936e+05	-3.090e+04
		-4.531e+04	-2.936e+05	-0.93	0.0	360.0	-5379.20	-206.25	2690.82	1.497e+04	7.307e+05	-4.531e+04
148	16	1.472e+06	7.045e+04	0.94	0.0	0.0	8047.81	-9096.64	234.81	-2.109e+04	-1.717e+04	1.472e+06
		-1.805e+06	-1.717e+04	-0.10	0.0	360.0	8047.81	-9096.64	234.81	-2.109e+04	7.045e+04	-1.805e+06
148	17	1.299e+06	-8190.23	0.82	0.0	0.0	6735.67	-8000.60	-116.11	1.881e+04	-8190.23	1.299e+06
		-1.584e+06	-3.866e+04	0.06	0.0	360.0	6735.67	-8000.60	-116.11	1.881e+04	-3.866e+04	-1.584e+06
149	1	1.077e+04	5.699e+04	1.59e-03	0.0	0.0	-1.539e+04	55.63	-210.89	115.53	5.699e+04	-9260.40
		-9260.40	-1.893e+04	-7.89e-03	0.0	360.0	-1.404e+04	55.63	-210.89	115.53	-1.893e+04	1.077e+04
149	2	5.059e+04	1.706e+05	0.02	0.0	0.0	-2.519e+04	-476.83	-388.33	1547.08	1.706e+05	5.059e+04
		-1.211e+05	3.078e+04	-0.05	0.0	360.0	-2.519e+04	-476.83	-388.33	1547.08	3.078e+04	-1.211e+05
149	3	-181.37	8.535e+04	2.04e-03	0.0	0.0	106.11	9.02	-334.85	164.19	8.535e+04	-3427.76
		-3427.76	-3.520e+04	-0.01	0.0	360.0	106.11	9.02	-334.85	164.19	-3.520e+04	-181.37
149	4	-2104.81	1.231e+05	3.26e-03	0.0	0.0	-1028.51	-12.97	-448.55	494.34	1.231e+05	-2104.81
		-6774.46	-3.839e+04	-0.02	0.0	360.0	-1028.51	-12.97	-448.55	494.34	-3.839e+04	-6774.46
149	5	1623.20	7.891e+04	2.25e-03	0.0	0.0	-4747.81	-61.76	-173.04	1218.15	7.891e+04	1623.20
		-2.061e+04	1.662e+04	-0.02	0.0	360.0	-4747.81	-61.76	-173.04	1218.15	1.662e+04	-2.061e+04
149	6	2.889e+06	1.119e+06	-1.45	0.0	0.0	1.319e+04	1.378e+04	-9115.64	-5.647e+04	1.119e+06	-2.076e+06
		-2.076e+06	-2.180e+06	2.59	0.0	360.0	1.319e+04	1.378e+04	-9115.64	-5.647e+04	-2.180e+06	2.889e+06
149	7	1.616e+06	1.130e+06	-0.67	0.0	0.0	8522.25	7674.65	-9229.20	-2576.57	1.130e+06	2.889e+06
		-1.148e+06	-2.208e+06	2.71	0.0	360.0	8522.25	7674.65	-9229.20	-2576.57	-2.208e+06	1.616e+06
149	8	4.791e+06	3.960e+05	-2.73	0.0	0.0	1.936e+04	2.320e+04	1536.40	-7.014e+04	-1.713e+05	-3.575e+06
		-3.575e+06	-1.713e+05	-0.45	0.0	360.0	1.936e+04	2.320e+04	1536.40	-7.014e+04	3.960e+05	4.791e+06
149	9	3.116e+06	2.766e+05	-1.71	0.0	0.0	1.219e+04	1.518e+04	1015.88	4.779e+04	-1.110e+05	-2.355e+06
		-2.355e+06	-1.110e+05	-0.61	0.0	360.0	1.219e+04	1.518e+04	1015.88	4.779e+04	2.766e+05	3.116e+06
149	10	1.547e+06	6.050e+05	-0.78	0.0	0.0	7079.84	7389.26	-4878.72	-3.087e+04	6.050e+05	-1.117e+06
		-1.117e+06	-1.163e+06	1.37	0.0	360.0	7079.84	7389.26	-4878.72	-3.087e+04	-1.163e+06	1.547e+06
149	11	8.600e+05	6.099e+05	-0.36	0.0	0.0	4554.75	4085.62	-4933.50	-1499.65	6.099e+05	-6.113e+05
		-6.113e+05	-1.177e+06	1.44	0.0	360.0	4554.75	4085.62	-4933.50	-1499.65	-1.177e+06	8.600e+05
149	12	2.548e+06	2.119e+05	-1.45	0.0	0.0	1.031e+04	1.237e+04	827.69	-3.831e+04	-9.543e+04	-1.913e+06
		-1.913e+06	-9.543e+04	-0.24	0.0	360.0	1.031e+04	1.237e+04	827.69	-3.831e+04	2.119e+05	2.548e+06
149	13	1.704e+06	1.477e+05	-0.93	0.0	0.0	6721.00	8302.29	550.08	2.677e+04	-6.403e+04	-1.289e+06
		-1.289e+06	-6.403e+04	-0.34	0.0	360.0	6721.00	8302.29	550.08	2.677e+04	1.477e+05	1.704e+06
149	14	1.160e+06	4.551e+05	-0.58	0.0	0.0	5313.71	5544.82	-3661.74	-2.315e+04	4.551e+05	-8.391e+05
		-8.391e+05	-8.722e+05	1.03	0.0	360.0	5313.71	5544.82	-3661.74	-2.315e+04	-8.722e+05	1.160e+06
149	15	6.440e+05	4.582e+05	-0.27	0.0	0.0	3414.15	3059.69	-3698.24	-1140.56	4.582e+05	-4.579e+05
		-4.579e+05	-8.815e+05	1.08	0.0	360.0	3414.15	3059.69	-3698.24	-1140.56	-8.815e+05	6.440e+05
149	16	1.913e+06	1.590e+05	-1.08	0.0	0.0	7739.90	9290.46	622.85	-2.875e+04	-7.264e+04	-1.438e+06
		-1.438e+06	-7.264e+04	-0.18	0.0	360.0	7739.90	9290.46	622.85	-2.875e+04	1.590e+05	1.913e+06
149	17	1.279e+06	1.109e+05	-0.70	0.0	0.0	5050.64	6234.39	414.84	2.009e+04	-4.923e+04	-9.689e+05
		-9.689e+05	-4.923e+04	-0.25	0.0	360.0	5050.64	6234.39	414.84	2.009e+04	1.109e+05	1.279e+06
150	1	1.658e+04	2.574e+04	-2.43e-03	0.0	0.0	-1.625e+04	-113.16	-99.87	-306.96	2.574e+04	1.658e+04
		-2.415e+04	-1.021e+04	5.31e-03	0.0	360.0	-1.490e+04	-113.16	-99.87	-306.96	-1.021e+04	-2.415e+04
150	2	1.119e+05	1.300e+05	0.01	0.0	0.0	-2.855e+04	-1140.09	613.24	817.31	-9.074e+04	1.119e+05
		-2.985e+05	-9.074e+04	-0.01	0.0	360.0	-2.855e+04	-1140.09	613.24	817.31	1.300e+05	-2.985e+05
150	3	6345.02	5766.89	-9.52e-04	0.0	0.0	-30.58	-20.16	66.50	27.13	-1.817e+04	6345.02
		-914.21	-1.817e+04	4.09e-03	0.0	360.0	-30.58	-20.16	66.50	27.13	5766.89	-914.21
150	4	1.493e+04	2.378e+04	-1.40e-03	0.0	0.0	-1398.59	-88.56	158.30	220.69	-3.321e+04	1.493e+04
		-1.695e+04	-3.321e+04	4.41e-03	0.0	360.0	-1398.59	-88.56	158.30	220.69	2.378e+04	-1.695e+04
150	5	4.522e+04	3.890e+04	1.58e-03	0.0	0.0	-5365.16	-305.23	-11.91	861.36	3.890e+04	4.522e+04
		-6.466e+04	3.461e+04	-0.02	0.0	360.0	-5365.16	-305.23	-11.91	861.36	3.461e+04	-6.466e+04
150	6	8.358e+05	2.481e+06	0.05	0.0	0.0	-7757.04	-5081.69	1.203e+04	-5.164e+04	-1.852e+06	8.358e+05
		-9.958e+05	-1.852e+06	-2.67	0.0	360.0	-7757.04	-5081.69	1.203e+04	-5.164e+04	2.481e+06	-9.958e+05

150	7	1.420e+06	2.631e+06	0.82	0.0	0.0	-1.108e+04	-8812.89	1.280e+04	1.038e+04	-1.981e+06	1.420e+06
		-1.755e+06	-1.981e+06	-2.71	0.0	360.0	-1.108e+04	-8812.89	1.280e+04	1.038e+04	2.631e+06	-1.755e+06
150	8	1.779e+06	3.294e+05	1.58	0.0	0.0	-9952.49	-1.131e+04	-2278.13	-5.626e+04	3.294e+05	1.779e+06
		-2.295e+06	-4.934e+05	0.82	0.0	360.0	-9952.49	-1.131e+04	-2278.13	-5.626e+04	-4.934e+05	-2.295e+06
150	9	3.043e+06	1.170e+05	2.71	0.0	0.0	-1.714e+04	-1.923e+04	-832.92	6.805e+04	1.170e+05	3.043e+06
		-3.894e+06	-2.025e+05	0.46	0.0	360.0	-1.714e+04	-1.923e+04	-832.92	6.805e+04	-2.025e+05	-3.894e+06
150	10	4.660e+05	1.323e+06	0.02	0.0	0.0	-4254.85	-2840.39	6423.44	-2.848e+04	-9.914e+05	4.660e+05
		-5.579e+05	-9.914e+05	-1.42	0.0	360.0	-4254.85	-2840.39	6423.44	-2.848e+04	1.323e+06	-5.579e+05
150	11	7.615e+05	1.401e+06	0.44	0.0	0.0	-5919.09	-4709.86	6824.39	5563.26	-1.058e+06	7.615e+05
		-9.364e+05	-1.058e+06	-1.44	0.0	360.0	-5919.09	-4709.86	6824.39	5563.26	1.401e+06	-9.364e+05
150	12	9.856e+05	1.759e+05	0.87	0.0	0.0	-5616.76	-6267.48	-1211.82	-3.180e+04	1.759e+05	9.856e+05
		-1.272e+06	-2.621e+05	0.45	0.0	360.0	-5616.76	-6267.48	-1211.82	-3.180e+04	-2.621e+05	-1.272e+06
150	13	1.628e+06	6.840e+04	1.44	0.0	0.0	-9121.51	-1.025e+04	-471.34	3.691e+04	6.840e+04	1.628e+06
		-2.070e+06	-1.121e+05	0.24	0.0	360.0	-9121.51	-1.025e+04	-471.34	3.691e+04	-1.121e+05	-2.070e+06
150	14	3.498e+05	9.923e+05	0.01	0.0	0.0	-3196.50	-2131.56	4817.96	-2.136e+04	-7.439e+05	3.498e+05
		-4.185e+05	-7.439e+05	-1.07	0.0	360.0	-3196.50	-2131.56	4817.96	-2.136e+04	9.923e+05	-4.185e+05
150	15	5.711e+05	1.049e+06	0.33	0.0	0.0	-4436.57	-3530.41	5112.54	4173.37	-7.926e+05	5.711e+05
		-7.016e+05	-7.926e+05	-1.08	0.0	360.0	-4436.57	-3530.41	5112.54	4173.37	1.049e+06	-7.016e+05
150	16	7.395e+05	1.322e+05	0.65	0.0	0.0	-4230.53	-4702.35	-909.71	-2.388e+04	1.322e+05	7.395e+05
		-9.548e+05	-1.967e+05	0.34	0.0	360.0	-4230.53	-4702.35	-909.71	-2.388e+04	-1.967e+05	-9.548e+05
150	17	1.225e+06	5.192e+04	1.08	0.0	0.0	-6851.47	-7699.56	-354.91	2.771e+04	5.192e+04	1.225e+06
		-1.555e+06	-8.414e+04	0.18	0.0	360.0	-6851.47	-7699.56	-354.91	2.771e+04	-8.414e+04	-1.555e+06
151	1	1.668e+04	2.749e+04	-4.34e-03	0.0	0.0	-1.360e+04	-128.33	-227.62	1900.36	2.749e+04	1.668e+04
		-2.952e+04	-5.445e+04	0.01	0.0	360.0	-1.225e+04	-128.33	-227.62	1900.36	-5.445e+04	-2.952e+04
151	2	1.282e+05	8.182e+04	-9.10e-03	0.0	0.0	-4.218e+04	-958.51	-679.45	-2582.33	8.182e+04	1.282e+05
		-2.168e+05	-1.628e+05	0.02	0.0	360.0	-4.218e+04	-958.51	-679.45	-2582.33	-1.628e+05	-2.168e+05
151	3	1.670e+04	1.537e+04	-1.36e-03	0.0	0.0	-105.58	-60.20	-64.73	101.57	1.537e+04	1.670e+04
		-4967.05	-7932.59	2.44e-03	0.0	360.0	-105.58	-60.20	-64.73	101.57	-7932.59	-4967.05
151	4	2.910e+04	2.891e+04	-1.79e-03	0.0	0.0	-2355.69	-126.80	-157.14	-228.67	2.891e+04	2.910e+04
		-1.654e+04	-2.767e+04	4.46e-03	0.0	360.0	-2355.69	-126.80	-157.14	-228.67	-2.767e+04	-1.654e+04
151	5	1.212e+04	3.399e+04	1.38e-03	0.0	0.0	-4256.75	-119.72	-308.75	-1644.54	3.399e+04	1.212e+04
		-3.098e+04	-7.716e+04	0.01	0.0	360.0	-4256.75	-119.72	-308.75	-1644.54	-7.716e+04	-3.098e+04
151	6	3.379e+05	2.550e+06	-0.20	0.0	0.0	1.674e+04	1732.93	1.270e+04	-5.190e+04	-2.023e+06	-2.866e+05
		-2.866e+05	-2.023e+06	-2.58	0.0	360.0	1.674e+04	1732.93	1.270e+04	-5.190e+04	2.550e+06	3.379e+05
151	7	1.513e+05	2.787e+06	0.09	0.0	0.0	1.320e+04	-875.85	1.388e+04	-4715.67	-2.211e+06	1.513e+05
		-1.647e+05	-2.211e+06	-2.83	0.0	360.0	1.320e+04	-875.85	1.388e+04	-4715.67	2.787e+06	-1.647e+05
151	8	3.214e+06	3.535e+05	1.99	0.0	0.0	-3.162e+04	-1.946e+04	1764.18	-5.519e+04	-2.819e+05	3.214e+06
		-3.793e+06	-2.819e+05	0.39	0.0	360.0	-3.162e+04	-1.946e+04	1764.18	-5.519e+04	3.535e+05	-3.793e+06
151	9	3.871e+06	2.742e+05	2.40	0.0	0.0	-3.694e+04	-2.345e+04	1374.38	4.349e+04	-2.208e+05	3.871e+06
		-4.574e+06	-2.208e+05	-0.26	0.0	360.0	-3.694e+04	-2.345e+04	1374.38	4.349e+04	2.742e+05	-4.574e+06
151	10	1.898e+05	1.361e+06	-0.11	0.0	0.0	8918.66	974.21	6781.06	-2.823e+04	-1.082e+06	-1.613e+05
		-1.613e+05	-1.082e+06	-1.37	0.0	360.0	8918.66	974.21	6781.06	-2.823e+04	1.361e+06	1.898e+05
151	11	8.188e+04	1.484e+06	0.05	0.0	0.0	7049.82	-471.23	7396.62	-2568.96	-1.180e+06	8.188e+04
		-8.825e+04	-1.180e+06	-1.50	0.0	360.0	7049.82	-471.23	7396.62	-2568.96	1.484e+06	-8.825e+04
151	12	1.730e+06	1.913e+05	1.07	0.0	0.0	-1.704e+04	-1.047e+04	955.83	-3.029e+04	-1.529e+05	1.730e+06
		-2.040e+06	-1.529e+05	0.21	0.0	360.0	-1.704e+04	-1.047e+04	955.83	-3.029e+04	1.913e+05	-2.040e+06
151	13	2.065e+06	1.481e+05	1.28	0.0	0.0	-1.967e+04	-1.249e+04	742.39	2.411e+04	-1.193e+05	2.065e+06
		-2.434e+06	-1.193e+05	-0.14	0.0	360.0	-1.967e+04	-1.249e+04	742.39	2.411e+04	1.481e+05	-2.434e+06
151	14	1.424e+05	1.020e+06	-0.08	0.0	0.0	6687.55	731.45	5085.68	-2.117e+04	-8.114e+05	-1.212e+05
		-1.212e+05	-8.114e+05	-1.03	0.0	360.0	6687.55	731.45	5085.68	-2.117e+04	1.020e+06	1.424e+05
151	15	6.157e+04	1.112e+06	0.03	0.0	0.0	5283.79	-353.85	5540.94	-1931.72	-8.840e+05	6.157e+04
		-6.620e+04	-8.840e+05	-1.12	0.0	360.0	5283.79	-353.85	5540.94	-1931.72	1.112e+06	-6.620e+04
151	16	1.298e+06	1.436e+05	0.80	0.0	0.0	-1.279e+04	-7853.64	717.60	-2.273e+04	-1.149e+05	1.298e+06
		-1.530e+06	-1.149e+05	0.16	0.0	360.0	-1.279e+04	-7853.64	717.60	-2.273e+04	1.436e+05	-1.530e+06
151	17	1.551e+06	1.111e+05	0.96	0.0	0.0	-1.476e+04	-9373.99	557.29	1.810e+04	-8.961e+04	1.551e+06
		-1.827e+06	-8.961e+04	-0.10	0.0	360.0	-1.476e+04	-9373.99	557.29	1.810e+04	1.111e+05	-1.827e+06
152	1	1.644e+04	5.612e+04	-4.34e-03	0.0	0.0	-1.357e+04	-129.40	239.25	-2033.84	-3.001e+04	1.644e+04
		-3.014e+04	-3.001e+04	-0.01	0.0	360.0	-1.222e+04	-129.40	239.25	-2033.84	5.612e+04	-3.014e+04
152	2	1.045e+05	1.638e+05	-0.01	0.0	0.0	-4.165e+04	-862.54	729.99	2367.76	-9.897e+04	1.045e+05
		-2.061e+05	-9.897e+04	-0.02	0.0	360.0	-4.165e+04	-862.54	729.99	2367.76	1.638e+05	-2.061e+05
152	3	7591.31	6839.80	-1.30e-03	0.0	0.0	79.67	-22.79	76.49	-48.44	-2.070e+04	7591.31
		-613.15	-2.070e+04	4.33e-03	0.0	360.0	79.67	-22.79	76.49	-48.44	6839.80	-613.15
152	4	1.535e+04	2.634e+04	-2.13e-03	0.0	0.0	-2077.56	-70.31	176.46	263.54	-3.719e+04	1.535e+04
		-9959.76	-3.719e+04	4.65e-03	0.0	360.0	-2077.56	-70.31	176.46	263.54	2.634e+04	-9959.76
152	5	1.209e+04	7.747e+04	1.27e-03	0.0	0.0	-4255.30	-119.14	310.62	1436.56	-3.436e+04	1.209e+04
		-3.080e+04	-3.436e+04	-0.01	0.0	360.0	-4255.30	-119.14	310.62	1436.56	7.747e+04	-3.080e+04
152	6	4.255e+05	2.553e+06	0.29	0.0	0.0	-1.747e+04	-2582.88	1.268e+04	-5.813e+04	-2.013e+06	4.255e+05
		-5.055e+05	-2.013e+06	-2.59	0.0	360.0	-1.747e+04	-2582.88	1.268e+04	-5.813e+04	2.553e+06	-5.055e+05
152	7	9.086e+04	2.789e+06	-0.04	0.0	0.0	-1.381e+04	471.03	1.385e+04	-1.184e+04	-2.201e+06	9.086e+04
		-7.954e+04	-2.201e+06	-2.83	0.0	360.0	-1.381e+04	471.03	1.385e+04	-1.184e+04	2.789e+06	-7.954e+04
152	8	3.781e+06	3.264e+05	2.37	0.0	0.0	-3.547e+04	-2.299e+04	-2041.34	-5.062e+04	3.264e+05	3.781e+06
		-4.500e+06	-4.088e+05	0.40	0.0	360.0	-3.547e+04	-2.299e+04	-2041.34	-5.062e+04	-4.088e+05	-4.500e+06
152	9	3.315e+06	1.690e+05	2.06	0.0	0.0	-3.209e+04	-2.008e+04	-1049.36	4.759e+04	-2.091e+05	3.315e+06
		-3.919e+06	-2.091e+05	-0.24	0.0	360.0	-3.209e+04	-2.008e+04	-1049.36	4.759e+04	1.690e+05	-3.919e+06
152	10	2.333e+05	1.363e+06	0.16	0.0	0.0	-9309.37	-1412.36	6771.84	-3.153e+04	-1.077e+06	2.333e+05
		-2.759e+05	-1.077e+06	-1.38	0.0	360.0	-9309.37	-1412.36	6771.84	-3.153e+04	1.363e+06	-2.759e+05

152	11	4.849e+04	1.486e+06	-0.02	0.0	0.0	-7377.47	252.53	7385.71	-6452.03	-1.175e+06	-4.292e+04
		-4.292e+04	-1.175e+06	-1.50	0.0	360.0	-7377.47	252.53	7385.71	-6452.03	1.486e+06	4.849e+04
152	12	2.018e+06	1.754e+05	1.26	0.0	0.0	-1.890e+04	-1.225e+04	-1095.57	-2.810e+04	1.754e+05	2.018e+06
		-2.396e+06	-2.192e+05	0.21	0.0	360.0	-1.890e+04	-1.225e+04	-1095.57	-2.810e+04	-2.192e+05	-2.396e+06
152	13	1.781e+06	9.364e+04	1.10	0.0	0.0	-1.723e+04	-1.078e+04	-581.02	2.605e+04	9.364e+04	1.781e+06
		-2.102e+06	-1.157e+05	-0.13	0.0	360.0	-1.723e+04	-1.078e+04	-581.02	2.605e+04	-1.157e+05	-2.102e+06
152	14	1.753e+05	1.022e+06	0.12	0.0	0.0	-6980.26	-1060.21	5079.06	-2.366e+04	-8.077e+05	1.753e+05
		-2.070e+05	-8.077e+05	-1.03	0.0	360.0	-6980.26	-1060.21	5079.06	-2.366e+04	1.022e+06	-2.070e+05
152	15	3.643e+04	1.113e+06	-0.02	0.0	0.0	-5528.96	189.93	5533.09	-4857.09	-8.802e+05	-3.233e+04
		-3.233e+04	-8.802e+05	-1.12	0.0	360.0	-5528.96	189.93	5533.09	-4857.09	1.113e+06	3.643e+04
152	16	1.515e+06	1.317e+05	0.94	0.0	0.0	-1.418e+04	-9195.99	-822.34	-2.109e+04	1.317e+05	1.515e+06
		-1.798e+06	-1.645e+05	0.16	0.0	360.0	-1.418e+04	-9195.99	-822.34	-2.109e+04	-1.645e+05	-1.798e+06
152	17	1.337e+06	7.037e+04	0.83	0.0	0.0	-1.293e+04	-8090.55	-436.37	2.955e+04	7.037e+04	1.337e+06
		-1.577e+06	-8.685e+04	-0.10	0.0	360.0	-1.293e+04	-8090.55	-436.37	2.955e+04	-8.685e+04	-1.577e+06
153	1	1.522e+04	7625.47	-2.81e-03	0.0	0.0	-1.617e+04	-104.65	88.21	371.86	-2.413e+04	1.522e+04
		-2.246e+04	-2.413e+04	-5.31e-03	0.0	360.0	-1.617e+04	-104.65	88.21	371.86	7625.47	-2.246e+04
153	2	1.063e+05	1.290e+05	0.01	0.0	0.0	-2.818e+04	-1109.82	-788.04	-326.60	1.290e+05	1.063e+05
		-2.932e+05	-1.547e+05	0.02	0.0	360.0	-2.818e+04	-1109.82	-788.04	-326.60	-1.547e+05	-2.932e+05
153	3	6188.15	3.451e+04	-1.05e-03	0.0	0.0	49.49	-20.01	-141.32	106.19	3.451e+04	6188.15
		-1016.87	-1.636e+04	-4.17e-03	0.0	360.0	49.49	-20.01	-141.32	106.19	-1.636e+04	-1016.87
153	4	1.451e+04	5.753e+04	-1.70e-03	0.0	0.0	-1269.90	-87.15	-269.84	-12.85	5.753e+04	1.451e+04
		-1.686e+04	-3.961e+04	-5.24e-03	0.0	360.0	-1269.90	-87.15	-269.84	-12.85	-3.961e+04	-1.686e+04
153	5	4.637e+04	-3.471e+04	-1.39e-03	0.0	0.0	-5332.13	-308.59	-7.05	-785.78	-3.471e+04	4.637e+04
		-6.472e+04	-3.725e+04	0.02	0.0	360.0	-5332.13	-308.59	-7.05	-785.78	-3.725e+04	-6.472e+04
153	6	9.100e+05	2.503e+06	0.08	0.0	0.0	6708.85	4633.65	1.212e+04	-4.968e+04	-1.864e+06	-7.616e+05
		-7.616e+05	-1.915e+06	-2.70	0.0	360.0	6708.85	4633.65	1.212e+04	-4.968e+04	2.503e+06	9.100e+05
153	7	1.616e+06	2.650e+06	-0.77	0.0	0.0	1.007e+04	8086.09	1.289e+04	1.290e+04	-1.992e+06	-1.298e+06
		-1.298e+06	-1.992e+06	-2.72	0.0	360.0	1.007e+04	8086.09	1.289e+04	1.290e+04	2.650e+06	1.616e+06
153	8	3.098e+06	2.522e+05	2.77	0.0	0.0	-1.777e+04	-1.968e+04	1187.78	-7.380e+04	-1.915e+05	3.098e+06
		-4.003e+06	-1.915e+05	-0.33	0.0	360.0	-1.777e+04	-1.968e+04	1187.78	-7.380e+04	2.522e+05	-4.003e+06
153	9	1.927e+06	3.860e+05	1.70	0.0	0.0	-1.030e+04	-1.218e+04	1739.10	4.737e+04	-2.436e+05	1.927e+06
		-2.467e+06	-2.436e+05	-0.70	0.0	360.0	-1.030e+04	-1.218e+04	1739.10	4.737e+04	3.860e+05	-2.467e+06
153	10	5.141e+05	1.335e+06	0.05	0.0	0.0	3700.97	2611.33	6472.85	-2.746e+04	-9.970e+05	-4.280e+05
		-4.280e+05	-9.970e+05	-1.44	0.0	360.0	3700.97	2611.33	6472.85	-2.746e+04	1.335e+06	5.141e+05
153	11	8.615e+05	1.411e+06	-0.41	0.0	0.0	5382.69	4318.22	6869.86	6992.41	-1.064e+06	-6.147e+05
		-6.947e+05	-1.064e+06	-1.44	0.0	360.0	5382.69	4318.22	6869.86	6992.41	1.411e+06	8.615e+05
153	12	1.661e+06	1.378e+05	1.47	0.0	0.0	-9469.32	-1.050e+04	652.32	-4.021e+04	-1.057e+05	1.661e+06
		-2.131e+06	-1.057e+05	-0.17	0.0	360.0	-9469.32	-1.050e+04	652.32	-4.021e+04	1.378e+05	-2.131e+06
153	13	1.059e+06	2.048e+05	0.92	0.0	0.0	-5718.95	-6682.80	925.23	2.669e+04	-1.306e+05	1.059e+06
		-1.352e+06	-1.306e+05	-0.38	0.0	360.0	-5718.95	-6682.80	925.23	2.669e+04	2.048e+05	-1.352e+06
153	14	3.859e+05	1.001e+06	0.04	0.0	0.0	2779.57	1961.09	4854.92	-2.060e+04	-7.481e+05	-3.217e+05
		-3.217e+05	-7.481e+05	-1.08	0.0	360.0	2779.57	1961.09	4854.92	-2.060e+04	1.001e+06	3.859e+05
153	15	6.455e+05	1.057e+06	-0.31	0.0	0.0	4035.13	3236.59	5146.60	5258.19	-7.971e+05	-5.209e+05
		-5.209e+05	-7.971e+05	-1.08	0.0	360.0	4035.13	3236.59	5146.60	5258.19	1.057e+06	6.455e+05
153	16	1.250e+06	1.033e+05	1.10	0.0	0.0	-7112.33	-7893.16	489.38	-3.018e+04	-7.943e+04	1.250e+06
		-1.600e+06	-7.943e+04	-0.13	0.0	360.0	-7112.33	-7893.16	489.38	-3.018e+04	1.033e+05	-1.600e+06
153	17	7.966e+05	1.537e+05	0.69	0.0	0.0	-4301.12	-5020.00	694.98	2.003e+04	-9.830e+04	7.966e+05
		-1.015e+06	-9.830e+04	-0.29	0.0	360.0	-4301.12	-5020.00	694.98	2.003e+04	1.537e+05	-1.015e+06
154	1	2.244e+04	4174.88	-2.62e-03	0.0	0.0	-6338.13	111.14	-29.07	700.64	4174.88	-1.757e+04
		-1.757e+04	-6290.05	2.48e-03	0.0	360.0	-6338.13	111.14	-29.07	700.64	-6290.05	2.244e+04
154	2	6.643e+04	-7517.27	-0.01	0.0	0.0	-1.657e+04	255.24	36.82	632.91	-2.077e+04	-2.546e+04
		-2.546e+04	-2.077e+04	7.61e-03	0.0	360.0	-1.657e+04	255.24	36.82	632.91	-7517.27	6.643e+04
154	3	3134.68	3222.94	-1.08e-03	0.0	0.0	54.04	-8.08	43.23	46.07	-1.234e+04	3134.68
		226.94	-1.234e+04	3.68e-03	0.0	360.0	54.04	-8.08	43.23	46.07	3222.94	226.94
154	4	5467.54	2088.42	-2.19e-03	0.0	0.0	-745.75	8.20	53.14	103.44	-1.704e+04	5467.54
		2516.14	-1.704e+04	5.85e-03	0.0	360.0	-745.75	8.20	53.14	103.44	2088.42	5467.54
154	5	2.659e+04	1.475e+04	-2.04e-03	0.0	0.0	-2921.61	139.78	-79.69	202.32	1.475e+04	-2.373e+04
		-2.373e+04	-1.394e+04	1.59e-03	0.0	360.0	-2921.61	139.78	-79.69	202.32	-1.394e+04	2.659e+04
154	6	5.119e+05	1.448e+06	0.05	0.0	0.0	-6490.82	-3076.05	8056.54	-3.810e+04	-1.453e+06	5.119e+05
		-5.972e+05	-1.453e+06	-2.43	0.0	360.0	-6490.82	-3076.05	8056.54	-3.810e+04	1.448e+06	-5.972e+05
154	7	6.704e+05	1.553e+06	0.80	0.0	0.0	-6885.29	-3806.11	8679.34	-9219.89	-1.572e+06	6.704e+05
		-7.008e+05	-1.572e+06	-2.68	0.0	360.0	-6885.29	-3806.11	8679.34	-9219.89	1.553e+06	-7.008e+05
154	8	2.031e+06	6.668e+05	1.54	0.0	0.0	4901.04	-1.214e+04	-3837.12	-5.326e+04	6.668e+05	2.031e+06
		-2.338e+06	-7.150e+05	1.06	0.0	360.0	4901.04	-1.214e+04	-3837.12	-5.326e+04	-7.150e+05	-2.338e+06
154	9	3.248e+06	4.764e+05	2.70	0.0	0.0	4652.52	-1.938e+04	-2862.71	4.638e+04	4.764e+05	3.248e+06
		-3.729e+06	-5.546e+05	0.24	0.0	360.0	4652.52	-1.938e+04	-2862.71	4.638e+04	-5.546e+05	-3.729e+06
154	10	2.990e+05	7.721e+05	0.02	0.0	0.0	-3472.28	-1792.49	4298.93	-2.067e+04	-7.760e+05	2.990e+05
		-3.472e+05	-7.760e+05	-1.30	0.0	360.0	-3472.28	-1792.49	4298.93	-2.067e+04	7.721e+05	-3.472e+05
154	11	3.588e+05	8.270e+05	0.42	0.0	0.0	-3672.88	-2032.58	4624.94	-4939.09	-8.386e+05	-3.736e+05
		-3.736e+05	-8.386e+05	-1.42	0.0	360.0	-3672.88	-2032.58	4624.94	-4939.09	8.270e+05	-3.736e+05
154	12	1.119e+06	3.548e+05	0.84	0.0	0.0	2609.46	-6687.64	-2041.65	-2.960e+04	3.548e+05	1.119e+06
		-1.288e+06	-3.805e+05	0.58	0.0	360.0	2609.46	-6687.64	-2041.65	-2.960e+04	-3.805e+05	-1.288e+06
154	13	1.725e+06	2.566e+05	1.43	0.0	0.0	2482.62	-1.029e+04	-1539.39	2.749e+04	-2.978e+05	-1.978e+06
		-1.978e+06	-2.978e+05	0.12	0.0	360.0	2482.62	-1.029e+04	-1539.39	2.749e+04	2.566e+05	-1.978e+06
154	14	2.245e+05	5.789e+05	0.02	0.0	0.0	-2605.36	-1345.48	3223.85	-1.552e+04	-5.820e+05	2.245e+05
		-2.606e+05	-5.820e+05	-0.97	0.0	360.0	-2605.36	-1345.48	3223.85	-1.552e+04	5.789e+05	-2.606e+05

154	15	2.690e+05	6.194e+05	0.32	0.0	0.0	-2752.01	-1523.33	3464.55	-3705.01	-6.283e+05	2.690e+05
		-2.799e+05	-6.283e+05	-1.06	0.0	360.0	-2752.01	-1523.33	3464.55	-3705.01	6.194e+05	-2.799e+05
154	16	8.396e+05	2.663e+05	0.63	0.0	0.0	1957.79	-5017.04	-1532.06	-2.238e+04	2.663e+05	8.396e+05
		-9.666e+05	-2.855e+05	0.44	0.0	360.0	1957.79	-5017.04	-1532.06	-2.238e+04	-2.855e+05	-9.666e+05
154	17	1.295e+06	1.926e+05	1.08	0.0	0.0	1862.59	-7719.54	-1155.08	2.104e+04	1.926e+05	1.295e+06
		-1.485e+06	-2.234e+05	0.09	0.0	360.0	1862.59	-7719.54	-1155.08	2.104e+04	-2.234e+05	-1.485e+06
155	1	4.227e+04	3017.42	-6.15e-03	0.0	0.0	-1.144e+04	197.85	-19.87	385.12	3017.42	-2.896e+04
		-2.896e+04	-4137.37	2.70e-03	0.0	360.0	-1.009e+04	197.85	-19.87	385.12	-4137.37	4.227e+04
155	2	1.368e+05	1.691e+04	-0.01	0.0	0.0	-3.303e+04	647.83	-38.12	1062.97	1.691e+04	-9.641e+04
		-9.641e+04	3187.54	-4.60e-03	0.0	360.0	-3.303e+04	647.83	-38.12	1062.97	3187.54	1.368e+05
155	3	5574.52	1.469e+04	-8.26e-04	0.0	0.0	202.27	41.23	-56.87	84.75	1.469e+04	-9268.49
		-9268.49	-5785.00	1.97e-03	0.0	360.0	202.27	41.23	-56.87	84.75	-5785.00	5574.52
155	4	1.417e+04	2.120e+04	-1.50e-03	0.0	0.0	-995.33	86.67	-80.94	198.12	2.120e+04	-1.703e+04
		-1.703e+04	-7936.38	2.84e-03	0.0	360.0	-995.33	86.67	-80.94	198.12	-7936.38	1.417e+04
155	5	1.221e+04	2331.20	-1.85e-03	0.0	0.0	-3167.68	21.68	20.11	367.96	-4909.34	4406.73
		4406.73	-4909.34	1.05e-03	0.0	360.0	-3167.68	21.68	20.11	367.96	2331.20	1.221e+04
155	6	3.395e+05	1.429e+06	-0.19	0.0	0.0	-6478.85	-2015.74	8238.61	-5.261e+04	-1.538e+06	3.395e+05
		-3.888e+05	-1.538e+06	-2.35	0.0	360.0	-6478.85	-2015.74	8238.61	-5.261e+04	1.429e+06	-3.888e+05
155	7	5.330e+05	1.732e+06	0.10	0.0	0.0	-3597.49	-3129.30	9933.91	-2888.23	-1.846e+06	5.330e+05
		-5.936e+05	-1.846e+06	-2.79	0.0	360.0	-3597.49	-3129.30	9933.91	-2888.23	1.732e+06	-5.936e+05
155	8	3.365e+06	3.016e+05	2.00	0.0	0.0	1.037e+04	-2.069e+04	1737.87	-5.720e+04	-3.257e+05	3.365e+06
		-4.086e+06	-3.257e+05	0.63	0.0	360.0	1.037e+04	-2.069e+04	1737.87	-5.720e+04	3.016e+05	-4.086e+06
155	9	4.188e+06	5.070e+05	2.41	0.0	0.0	1.133e+04	-2.576e+04	2830.74	-6.856e+04	-5.123e+05	4.188e+06
		-5.090e+06	-5.123e+05	-0.49	0.0	360.0	1.133e+04	-2.576e+04	2830.74	-6.856e+04	5.070e+05	-5.090e+06
155	10	1.958e+05	7.647e+05	-0.11	0.0	0.0	-3467.36	-1166.30	4410.74	-2.867e+04	-8.241e+05	1.958e+05
		-2.255e+05	-8.241e+05	-1.25	0.0	360.0	-3467.36	-1166.30	4410.74	-2.867e+04	7.647e+05	-2.255e+05
155	11	2.842e+05	9.220e+05	0.05	0.0	0.0	-1943.12	-1668.24	5294.38	-1651.13	-9.851e+05	2.842e+05
		-3.165e+05	-9.851e+05	-1.48	0.0	360.0	-1943.12	-1668.24	5294.38	-1651.13	9.220e+05	-3.165e+05
155	12	1.815e+06	1.734e+05	1.07	0.0	0.0	5635.81	-1.115e+04	996.57	-3.280e+04	-1.864e+05	1.815e+06
		-2.202e+06	-1.864e+05	0.34	0.0	360.0	5635.81	-1.115e+04	996.57	-3.280e+04	1.734e+05	-2.202e+06
155	13	2.232e+06	2.707e+05	1.28	0.0	0.0	6034.12	-1.371e+04	1512.67	-3.869e+04	-2.739e+05	2.232e+06
		-2.707e+06	-2.739e+05	-0.27	0.0	360.0	6034.12	-1.371e+04	1512.67	-3.869e+04	2.707e+05	-2.707e+06
155	14	1.471e+05	5.734e+05	-0.08	0.0	0.0	-2602.36	-875.59	3307.94	-2.150e+04	-6.182e+05	1.471e+05
		-1.692e+05	-6.182e+05	-0.94	0.0	360.0	-2602.36	-875.59	3307.94	-2.150e+04	5.734e+05	-1.692e+05
155	15	2.129e+05	6.905e+05	0.04	0.0	0.0	-1459.91	-1249.75	3966.17	-1253.92	-7.382e+05	2.129e+05
		-2.371e+05	-7.382e+05	-1.11	0.0	360.0	-1459.91	-1249.75	3966.17	-1253.92	6.905e+05	-2.371e+05
155	16	1.362e+06	1.302e+05	0.80	0.0	0.0	4229.80	-8367.97	748.81	-2.483e+04	-1.402e+05	1.362e+06
		-1.652e+06	-1.402e+05	0.25	0.0	360.0	4229.80	-8367.97	748.81	-2.483e+04	1.302e+05	-1.652e+06
155	17	1.676e+06	2.032e+05	0.96	0.0	0.0	4531.56	-1.029e+04	1135.28	-2.934e+04	-2.056e+05	1.676e+06
		-2.031e+06	-2.056e+05	-0.20	0.0	360.0	4531.56	-1.029e+04	1135.28	-2.934e+04	2.032e+05	-2.031e+06
156	1	4.191e+04	4612.88	-6.13e-03	0.0	0.0	-1.146e+04	195.76	23.50	-315.18	-3845.80	-2.857e+04
		-2.857e+04	-3845.80	-2.97e-03	0.0	360.0	-1.011e+04	195.76	23.50	-315.18	4612.88	4.191e+04
156	2	1.406e+05	6207.03	-0.02	0.0	0.0	-3.364e+04	672.92	-58.89	-569.55	6207.03	-1.017e+05
		-1.017e+05	-1.499e+04	7.22e-03	0.0	360.0	-3.364e+04	672.92	-58.89	-569.55	-1.499e+04	1.406e+05
156	3	6644.87	69.39	-1.28e-03	0.0	0.0	-23.22	48.89	11.46	10.24	-4056.24	-1.096e+04
		-1.096e+04	-4056.24	2.13e-03	0.0	360.0	-23.22	48.89	11.46	10.24	69.39	6644.87
156	4	1.586e+04	-502.21	-2.17e-03	0.0	0.0	-1334.48	98.55	13.76	-48.79	-5456.92	-1.962e+04
		-1.962e+04	-5456.92	3.18e-03	0.0	360.0	-1334.48	98.55	13.76	-48.79	-502.21	1.586e+04
156	5	1.243e+04	4674.14	-1.95e-03	0.0	0.0	-3168.56	22.46	-19.28	-336.06	4674.14	-4348.80
		4348.80	-2265.34	-9.91e-04	0.0	360.0	-3168.56	22.46	-19.28	-336.06	-2265.34	1.243e+04
156	6	4.439e+05	1.421e+06	0.28	0.0	0.0	5842.33	2241.12	8193.18	-5.152e+04	-1.530e+06	-3.676e+05
		-3.676e+05	-1.530e+06	-2.35	0.0	360.0	5842.33	2241.12	8193.18	-5.152e+04	1.421e+06	-3.676e+05
156	7	4.670e+05	1.723e+06	-0.09	0.0	0.0	2529.91	2499.49	9886.35	-5137.21	-1.838e+06	-4.330e+05
		-4.330e+05	-1.838e+06	-2.79	0.0	360.0	2529.91	2499.49	9886.35	-5137.21	1.723e+06	-4.330e+05
156	8	4.127e+06	5.964e+05	2.38	0.0	0.0	1.144e+04	-2.545e+04	-3282.36	-5.042e+04	-5.964e+05	4.127e+06
		-5.040e+06	-5.855e+05	0.63	0.0	360.0	1.144e+04	-2.545e+04	-3282.36	-5.042e+04	5.964e+05	-5.040e+06
156	9	3.492e+06	2.434e+05	2.06	0.0	0.0	1.039e+04	-2.148e+04	-1317.95	4.555e+04	2.434e+05	3.492e+06
		-4.243e+06	-2.333e+05	-0.47	0.0	360.0	1.039e+04	-2.148e+04	-1317.95	4.555e+04	-2.333e+05	-4.243e+06
156	10	2.527e+05	7.600e+05	0.15	0.0	0.0	3134.41	1279.45	4386.06	-2.807e+04	-8.199e+05	-2.106e+05
		-2.106e+05	-8.199e+05	-1.25	0.0	360.0	3134.41	1279.45	4386.06	-2.807e+04	7.600e+05	-2.106e+05
156	11	2.490e+05	9.172e+05	-0.05	0.0	0.0	1369.54	1331.96	5269.05	-2816.65	-9.809e+05	-2.306e+05
		-2.306e+05	-9.809e+05	-1.48	0.0	360.0	1369.54	1331.96	5269.05	-2816.65	9.172e+05	-2.306e+05
156	12	2.201e+06	3.193e+05	1.27	0.0	0.0	6091.30	-1.356e+04	-1755.70	-2.791e+04	-3.193e+05	2.201e+06
		-2.682e+06	-3.129e+05	0.34	0.0	360.0	6091.30	-1.356e+04	-1755.70	-2.791e+04	3.193e+05	-2.682e+06
156	13	1.879e+06	1.423e+05	1.10	0.0	0.0	5642.86	-1.154e+04	-771.60	2.498e+04	1.423e+05	1.879e+06
		-2.279e+06	-1.367e+05	-0.26	0.0	360.0	5642.86	-1.154e+04	-771.60	2.498e+04	-1.367e+05	-2.279e+06
156	14	1.897e+05	5.699e+05	0.11	0.0	0.0	2352.17	961.23	3289.46	-2.105e+04	-6.151e+05	-1.584e+05
		-1.584e+05	-6.151e+05	-0.94	0.0	360.0	2352.17	961.23	3289.46	-2.105e+04	5.699e+05	-1.584e+05
156	15	1.866e+05	6.869e+05	-0.04	0.0	0.0	1029.27	998.16	3947.21	-2123.18	-7.350e+05	1.866e+05
		-1.728e+05	-7.350e+05	-1.11	0.0	360.0	1029.27	998.16	3947.21	-2123.18	6.869e+05	-1.728e+05
156	16	1.652e+06	2.397e+05	0.95	0.0	0.0	4572.57	-1.017e+04	-1317.71	-2.095e+04	-2.348e+05	1.652e+06
		-2.012e+06	-2.348e+05	0.26	0.0	360.0	4572.57	-1.017e+04	-1317.71	-2.095e+04	2.397e+05	-2.012e+06
156	17	1.411e+06	1.070e+05	0.83	0.0	0.0	4238.26	-8663.00	-579.59	1.875e+04	1.070e+05	-1.710e+06
		-1.710e+06	-1.026e+05	-0.19	0.0	360.0	4238.26	-8663.00	-579.59	1.875e+04	-1.026e+05	-1.710e+06
157	1	2.278e+04	6300.34	-2.86e-03	0.0	0.0	-6326.12	113.46	30.02	-674.94	-4506.17	-1.807e+04
		-1.807e+04	-4506.17	-2.58e-03	0.0	360.0	-5246.12	113.46	30.02	-674.94	6300.34	2.278e+04

157	2	7.385e+04	8644.32	-0.01	0.0	0.0	-1.691e+04	312.14	1.85	-489.03	7977.13	-3.853e+04
		-3.853e+04	7977.13	9.50e-03	0.0	360.0	-1.691e+04	312.14	1.85	-489.03	8644.32	7.385e+04
157	3	2242.17	8168.69	-9.71e-04	0.0	0.0	-89.22	9.03	-32.31	8.60	8168.69	-1007.47
		-1007.47	-3462.24	2.25e-03	0.0	360.0	-89.22	9.03	-32.31	8.60	-3462.24	2242.17
157	4	8558.17	1.063e+04	-1.97e-03	0.0	0.0	-959.98	34.29	-36.01	-25.18	1.063e+04	-3787.22
		-3787.22	-2335.93	3.33e-03	0.0	360.0	-959.98	34.29	-36.01	-25.18	-2335.93	8558.17
157	5	2.686e+04	1.382e+04	-2.24e-03	0.0	0.0	-2912.71	141.30	79.28	-198.53	-1.472e+04	-2.400e+04
		-2.400e+04	-1.472e+04	-1.51e-03	0.0	360.0	-2912.71	141.30	79.28	-198.53	1.382e+04	2.686e+04
157	6	6.864e+05	1.479e+06	0.08	0.0	0.0	7188.52	3505.80	8218.64	-4.165e+04	-1.480e+06	-5.770e+05
		-5.770e+05	-1.480e+06	-2.45	0.0	360.0	7188.52	3505.80	8218.64	-4.165e+04	1.479e+06	6.864e+05
157	7	5.712e+05	1.577e+06	-0.76	0.0	0.0	7691.10	3113.48	8803.93	-1.068e+04	-1.593e+06	-5.507e+05
		-5.507e+05	-1.593e+06	-2.68	0.0	360.0	7691.10	3113.48	8803.93	-1.068e+04	1.577e+06	5.712e+05
157	8	3.276e+06	5.107e+05	2.76	0.0	0.0	4122.38	-1.957e+04	2625.63	-3.341e+04	-4.353e+05	3.276e+06
		-3.771e+06	-4.353e+05	-0.12	0.0	360.0	4122.38	-1.957e+04	2625.63	-3.341e+04	5.107e+05	-3.771e+06
157	9	2.143e+06	6.739e+05	1.66	0.0	0.0	5009.15	-1.281e+04	3592.33	3.229e+04	-6.196e+05	2.143e+06
		-2.468e+06	-6.196e+05	-0.94	0.0	360.0	5009.15	-1.281e+04	3592.33	3.229e+04	6.739e+05	-2.468e+06
157	10	3.902e+05	7.888e+05	0.05	0.0	0.0	3849.06	1998.38	4386.04	-2.251e+04	-7.907e+05	-3.299e+05
		-3.299e+05	-7.907e+05	-1.31	0.0	360.0	3849.06	1998.38	4386.04	-2.251e+04	7.888e+05	3.902e+05
157	11	3.043e+05	8.397e+05	-0.40	0.0	0.0	4104.34	1662.18	4691.76	-5708.41	-8.500e+05	-2.948e+05
		-2.948e+05	-8.500e+05	-1.42	0.0	360.0	4104.34	1662.18	4691.76	-5708.41	8.397e+05	3.043e+05
157	12	1.742e+06	2.752e+05	1.46	0.0	0.0	2214.15	-1.040e+04	1417.49	-1.858e+04	-2.356e+05	1.742e+06
		-2.002e+06	-2.356e+05	-0.06	0.0	360.0	2214.15	-1.040e+04	1417.49	-1.858e+04	2.752e+05	-2.002e+06
157	13	1.169e+06	3.584e+05	0.90	0.0	0.0	2659.80	-6985.34	1910.05	1.765e+04	-3.294e+05	1.169e+06
		-1.346e+06	-3.294e+05	-0.51	0.0	360.0	2659.80	-6985.34	1910.05	1.765e+04	3.584e+05	-1.346e+06
157	14	2.929e+05	5.914e+05	0.04	0.0	0.0	2888.01	1500.03	3289.23	-1.688e+04	-5.931e+05	-2.477e+05
		-2.477e+05	-5.931e+05	-0.98	0.0	360.0	2888.01	1500.03	3289.23	-1.688e+04	5.914e+05	2.929e+05
157	15	2.280e+05	6.289e+05	-0.30	0.0	0.0	3075.48	1245.95	3514.62	-4278.47	-6.369e+05	-2.211e+05
		-2.211e+05	-6.369e+05	-1.07	0.0	360.0	3075.48	1245.95	3514.62	-4278.47	6.289e+05	2.280e+05
157	16	1.307e+06	2.064e+05	1.10	0.0	0.0	1660.71	-7802.82	1063.03	-1.395e+04	-1.767e+05	1.307e+06
		-1.502e+06	-1.767e+05	-0.04	0.0	360.0	1660.71	-7802.82	1063.03	-1.395e+04	2.064e+05	-1.502e+06
157	17	8.776e+05	2.689e+05	0.67	0.0	0.0	1995.54	-5242.29	1433.44	1.324e+04	-2.473e+05	8.776e+05
		-1.010e+06	-2.473e+05	-0.38	0.0	360.0	1995.54	-5242.29	1433.44	1.324e+04	2.689e+05	-1.010e+06
158	1	1568.36	2142.63	-3.05e-04	0.0	0.0	-4310.94	10.06	32.34	673.42	-9499.43	-2053.41
		-2053.41	-9499.43	2.02e-03	0.0	360.0	-4310.94	10.06	32.34	673.42	2142.63	1568.36
158	2	-1189.91	1.886e+04	-6.51e-03	0.0	0.0	-1.523e+04	34.97	201.34	848.54	-5.362e+04	-1.378e+04
		-1.378e+04	-5.362e+04	0.01	0.0	360.0	-1.523e+04	34.97	201.34	848.54	1.886e+04	-1189.91
158	3	1017.75	6707.74	1.14e-04	0.0	0.0	14.27	6.42	79.79	28.15	-2.202e+04	-1293.97
		-1293.97	-2.202e+04	5.69e-03	0.0	360.0	14.27	6.42	79.79	28.15	6707.74	1017.75
158	4	340.72	9872.25	2.96e-04	0.0	0.0	-780.96	5.71	118.44	36.33	-3.277e+04	-1713.85
		-1713.85	-3.277e+04	8.46e-03	0.0	360.0	-780.96	5.71	118.44	36.33	9872.25	340.72
158	5	1541.42	2890.71	-2.88e-04	0.0	0.0	-2501.71	-7.29	-17.22	-18.11	2890.71	1541.42
		-1082.62	-3308.26	9.83e-04	0.0	360.0	-2501.71	-7.29	-17.22	-18.11	-3308.26	-1082.62
158	6	1.628e+06	1.074e+06	-1.21	0.0	0.0	3351.96	8727.13	5900.05	-3.895e+04	-1.051e+06	-1.514e+06
		-1.514e+06	-1.051e+06	-1.93	0.0	360.0	3351.96	8727.13	5900.05	-3.895e+04	1.074e+06	1.628e+06
158	7	1.015e+06	1.452e+06	-0.65	0.0	0.0	655.77	5534.21	7904.17	-6231.30	-1.394e+06	-9.775e+05
		-9.775e+05	-1.394e+06	-2.68	0.0	360.0	655.77	5534.21	7904.17	-6231.30	1.452e+06	1.015e+06
158	8	2.309e+06	4.006e+05	1.89	0.0	0.0	-7617.43	-1.350e+04	2135.88	-3.888e+04	-3.690e+05	2.309e+06
		-2.551e+06	-3.690e+05	0.36	0.0	360.0	-7617.43	-1.350e+04	2135.88	-3.888e+04	4.006e+05	-2.551e+06
158	9	3.196e+06	6.964e+05	2.44	0.0	0.0	-1.194e+04	-1.875e+04	3648.83	3.021e+04	-6.180e+05	3.196e+06
		-3.554e+06	-6.180e+05	-1.33	0.0	360.0	-1.194e+04	-1.875e+04	3648.83	3.021e+04	6.964e+05	-3.554e+06
158	10	8.698e+05	5.779e+05	-0.66	0.0	0.0	1824.99	4663.98	3175.18	-2.113e+04	-5.658e+05	-8.094e+05
		-8.094e+05	-5.658e+05	-1.03	0.0	360.0	1824.99	4663.98	3175.18	-2.113e+04	5.779e+05	8.698e+05
158	11	5.403e+05	7.734e+05	-0.34	0.0	0.0	351.57	2946.97	4213.41	-3350.58	-7.443e+05	-5.206e+05
		-5.206e+05	-7.443e+05	-1.42	0.0	360.0	351.57	2946.97	4213.41	-3350.58	7.734e+05	5.403e+05
158	12	1.256e+06	2.318e+05	1.04	0.0	0.0	-4180.17	-7344.08	1234.13	-2.134e+04	-2.129e+05	1.256e+06
		-1.388e+06	-2.129e+05	0.19	0.0	360.0	-4180.17	-7344.08	1234.13	-2.134e+04	2.318e+05	-1.388e+06
158	13	1.698e+06	3.723e+05	1.29	0.0	0.0	-6338.69	-9957.95	1953.16	1.678e+04	-3.314e+05	1.698e+06
		-1.887e+06	-3.314e+05	-0.72	0.0	360.0	-6338.69	-9957.95	1953.16	1.678e+04	3.723e+05	-1.887e+06
158	14	6.523e+05	4.333e+05	-0.49	0.0	0.0	1369.36	3497.75	2381.23	-1.585e+04	-4.244e+05	-6.071e+05
		-6.071e+05	-4.244e+05	-0.77	0.0	360.0	1369.36	3497.75	2381.23	-1.585e+04	4.333e+05	6.523e+05
158	15	4.047e+05	5.793e+05	-0.26	0.0	0.0	263.80	2207.27	3156.53	-2513.57	-5.578e+05	-3.900e+05
		-3.900e+05	-5.578e+05	-1.07	0.0	360.0	263.80	2207.27	3156.53	-2513.57	5.793e+05	4.047e+05
158	16	9.423e+05	1.740e+05	0.78	0.0	0.0	-3136.04	-5509.58	926.96	-1.601e+04	-1.600e+05	9.423e+05
		-1.041e+06	-1.600e+05	0.15	0.0	360.0	-3136.04	-5509.58	926.96	-1.601e+04	1.740e+05	-1.041e+06
158	17	1.275e+06	2.794e+05	0.97	0.0	0.0	-4757.40	-7473.02	1466.43	1.260e+04	-2.489e+05	1.275e+06
		-1.416e+06	-2.489e+05	-0.54	0.0	360.0	-4757.40	-7473.02	1466.43	1.260e+04	2.794e+05	-1.416e+06
159	1	1.951e+04	6757.35	-6.99e-03	0.0	0.0	-6079.56	113.33	-28.69	785.87	6757.35	-2.129e+04
		-2.129e+04	-3570.27	-2.94e-03	0.0	360.0	-6079.56	113.33	-28.69	785.87	-3570.27	1.951e+04
159	2	3.723e+04	3.924e+04	-0.02	0.0	0.0	-1.997e+04	237.42	-124.51	836.41	3.924e+04	-4.824e+04
		-4.824e+04	-5579.87	-0.01	0.0	360.0	-1.997e+04	237.42	-124.51	836.41	-5579.87	3.723e+04
159	3	5322.06	2.215e+04	-1.37e-03	0.0	0.0	8.47	35.71	-85.26	-31.85	2.215e+04	-7533.83
		-7533.83	-8545.61	-3.93e-03	0.0	360.0	8.47	35.71	-85.26	-31.85	-8545.61	5322.06
159	4	7962.15	3.275e+04	-2.24e-03	0.0	0.0	-767.93	54.77	-125.31	-57.48	3.275e+04	-1.176e+04
		-1.176e+04	-1.236e+04	-5.96e-03	0.0	360.0	-767.93	54.77	-125.31	-57.48	-1.236e+04	7962.15
159	5	2147.20	943.31	-8.41e-04	0.0	0.0	-2330.65	15.87	10.45	-24.56	-2820.15	-3566.82
		-3566.82	-2820.15	7.69e-04	0.0	360.0	-2330.65	15.87	10.45	-24.56	943.31	2147.20

159	6	7.615e+05	1.220e+06	0.42	0.0	0.0	-1416.91	-4416.39	6730.26	-4.901e+04	-1.203e+06	7.615e+05
		-8.286e+05	-1.203e+06	-2.14	0.0	360.0	-1416.91	-4416.39	6730.26	-4.901e+04	1.220e+06	-8.286e+05
159	7	1.123e+06	1.536e+06	0.81	0.0	0.0	-1680.65	-6519.63	8410.21	-1.768e+04	-1.492e+06	1.123e+06
		-1.224e+06	-1.492e+06	-2.64	0.0	360.0	-1680.65	-6519.63	8410.21	-1.768e+04	1.536e+06	-1.224e+06
159	8	2.490e+06	6.605e+05	1.76	0.0	0.0	-6081.47	-1.454e+04	-3789.59	-3.787e+04	6.605e+05	2.490e+06
		-2.746e+06	-7.042e+05	1.34	0.0	360.0	-6081.47	-1.454e+04	-3789.59	-3.787e+04	-7.042e+05	-2.746e+06
159	9	3.297e+06	2.639e+05	2.48	0.0	0.0	-8096.05	-1.928e+04	-1523.14	2.956e+04	2.639e+05	3.297e+06
		-3.642e+06	-2.848e+05	-0.02	0.0	360.0	-8096.05	-1.928e+04	-1523.14	2.956e+04	-2.848e+05	-3.642e+06
159	10	4.148e+05	6.537e+05	0.22	0.0	0.0	-773.62	-2405.72	3605.87	-2.648e+04	-6.449e+05	4.148e+05
		-4.514e+05	-6.449e+05	-1.15	0.0	360.0	-773.62	-2405.72	3605.87	-2.648e+04	6.537e+05	-4.514e+05
159	11	5.989e+05	8.180e+05	0.43	0.0	0.0	-900.81	-3474.44	4481.33	-9503.30	-7.960e+05	5.989e+05
		-6.521e+05	-7.960e+05	-1.40	0.0	360.0	-900.81	-3474.44	4481.33	-9503.30	8.180e+05	-6.521e+05
159	12	1.347e+06	3.528e+05	0.94	0.0	0.0	-3277.69	-7865.42	-2022.30	-2.079e+04	3.528e+05	1.347e+06
		-1.485e+06	-3.755e+05	0.72	0.0	360.0	-3277.69	-7865.42	-2022.30	-2.079e+04	-3.755e+05	-1.485e+06
159	13	1.753e+06	1.540e+05	1.32	0.0	0.0	-4309.98	-1.024e+04	-888.53	1.641e+04	1.540e+05	1.753e+06
		-1.935e+06	-1.660e+05	-0.02	0.0	360.0	-4309.98	-1.024e+04	-888.53	1.641e+04	-1.660e+05	-1.935e+06
159	14	3.111e+05	4.901e+05	0.17	0.0	0.0	-580.59	-1804.34	2704.02	-1.987e+04	-4.837e+05	3.111e+05
		-3.386e+05	-4.837e+05	-0.86	0.0	360.0	-580.59	-1804.34	2704.02	-1.987e+04	4.901e+05	-3.386e+05
159	15	4.487e+05	6.126e+05	0.32	0.0	0.0	-675.61	-2602.69	3356.97	-7133.68	-5.964e+05	4.487e+05
		-4.885e+05	-5.964e+05	-1.05	0.0	360.0	-675.61	-2602.69	3356.97	-7133.68	6.126e+05	-4.885e+05
159	16	1.010e+06	2.650e+05	0.71	0.0	0.0	-2458.83	-5900.27	-1518.20	-1.560e+04	2.650e+05	1.010e+06
		-1.114e+06	-2.818e+05	0.54	0.0	360.0	-2458.83	-5900.27	-1518.20	-1.560e+04	-2.818e+05	-1.114e+06
159	17	1.316e+06	1.158e+05	0.99	0.0	0.0	-3235.06	-7688.12	-667.48	1.231e+04	1.158e+05	1.316e+06
		-1.452e+06	-1.247e+05	-0.01	0.0	360.0	-3235.06	-7688.12	-667.48	1.231e+04	-1.247e+05	-1.452e+06
160	1	1.957e+04	3807.74	-7.10e-03	0.0	0.0	-6087.81	114.18	30.51	-833.54	-7176.89	-2.153e+04
		-2.153e+04	-7176.89	2.71e-03	0.0	360.0	-6087.81	114.18	30.51	-833.54	3807.74	1.957e+04
160	2	3.674e+04	1712.45	-0.02	0.0	0.0	-1.996e+04	238.36	104.22	-1040.45	-3.581e+04	-4.907e+04
		-4.907e+04	-3.581e+04	0.02	0.0	360.0	-1.996e+04	238.36	104.22	-1040.45	1712.45	3.674e+04
160	3	4340.45	6294.63	-7.70e-04	0.0	0.0	19.18	31.45	72.70	20.05	-1.988e+04	-6982.49
		-6982.49	-1.988e+04	5.27e-03	0.0	360.0	19.18	31.45	72.70	20.05	6294.63	4340.45
160	4	6606.83	9073.04	-1.40e-03	0.0	0.0	-751.96	49.06	107.08	31.76	-2.948e+04	-1.106e+04
		-1.106e+04	-2.948e+04	7.92e-03	0.0	360.0	-751.96	49.06	107.08	31.76	9073.04	6606.83
160	5	2334.81	2753.27	-9.60e-04	0.0	0.0	-2331.53	17.00	-10.30	25.88	2753.27	-3783.74
		-3783.74	-955.08	-7.32e-04	0.0	360.0	-2331.53	17.00	-10.30	25.88	-955.08	2334.81
160	6	7.350e+05	1.221e+06	-0.34	0.0	0.0	1196.90	3923.09	6734.61	-5.075e+04	-1.204e+06	-6.775e+05
		-6.775e+05	-1.204e+06	-2.15	0.0	360.0	1196.90	3923.09	6734.61	-5.075e+04	1.221e+06	7.350e+05
160	7	1.135e+06	1.528e+06	-0.81	0.0	0.0	1473.06	6051.58	8365.54	-2.113e+04	-1.485e+06	-1.044e+06
		-1.044e+06	-1.485e+06	-2.62	0.0	360.0	1473.06	6051.58	8365.54	-2.113e+04	1.528e+06	1.135e+06
160	8	3.299e+06	3.092e+05	2.49	0.0	0.0	-8031.36	-1.929e+04	1658.21	-3.287e+04	-2.881e+05	-3.299e+06
		-3.647e+06	-2.881e+05	0.17	0.0	360.0	-8031.36	-1.929e+04	1658.21	-3.287e+04	3.092e+05	-3.647e+06
160	9	2.615e+06	6.143e+05	1.86	0.0	0.0	-6395.79	-1.528e+04	3300.71	3.055e+04	-5.743e+05	2.615e+06
		-2.885e+06	-5.743e+05	-1.18	0.0	360.0	-6395.79	-1.528e+04	3300.71	3.055e+04	6.143e+05	-2.885e+06
160	10	4.023e+05	6.540e+05	-0.18	0.0	0.0	657.35	2146.82	3607.87	-2.732e+04	-6.453e+05	-3.706e+05
		-3.706e+05	-6.453e+05	-1.15	0.0	360.0	657.35	2146.82	3607.87	-2.732e+04	6.540e+05	4.023e+05
160	11	6.043e+05	8.134e+05	-0.43	0.0	0.0	790.05	3224.93	4457.75	-1.129e+04	-7.921e+05	-5.568e+05
		-5.568e+05	-7.921e+05	-1.39	0.0	360.0	790.05	3224.93	4457.75	-1.129e+04	8.134e+05	6.043e+05
160	12	1.755e+06	1.679e+05	1.33	0.0	0.0	-4278.44	-1.026e+04	966.51	-1.827e+04	-1.679e+05	-1.755e+06
		-1.939e+06	-1.679e+05	0.10	0.0	360.0	-4278.44	-1.026e+04	966.51	-1.827e+04	1.679e+05	-1.939e+06
160	13	1.409e+06	3.270e+05	0.99	0.0	0.0	-3435.41	-8226.93	1758.45	1.674e+04	-3.063e+05	1.409e+06
		-1.553e+06	-3.063e+05	-0.64	0.0	360.0	-3435.41	-8226.93	1758.45	1.674e+04	3.270e+05	-1.553e+06
160	14	3.018e+05	4.904e+05	-0.13	0.0	0.0	493.57	1610.48	2705.56	-2.049e+04	-4.840e+05	-2.781e+05
		-2.781e+05	-4.840e+05	-0.86	0.0	360.0	493.57	1610.48	2705.56	-2.049e+04	4.904e+05	3.018e+05
160	15	4.527e+05	6.092e+05	-0.32	0.0	0.0	592.72	2416.05	3339.31	-8467.71	-5.935e+05	-4.172e+05
		-4.172e+05	-5.935e+05	-1.04	0.0	360.0	592.72	2416.05	3339.31	-8467.71	6.092e+05	4.527e+05
160	16	1.317e+06	1.353e+05	1.00	0.0	0.0	-3210.70	-7698.57	725.42	-1.371e+04	-1.260e+05	1.317e+06
		-1.455e+06	-1.260e+05	0.08	0.0	360.0	-3210.70	-7698.57	725.42	-1.371e+04	1.353e+05	-1.455e+06
160	17	1.057e+06	2.454e+05	0.75	0.0	0.0	-2578.22	-6173.63	1320.16	1.256e+04	-2.300e+05	1.057e+06
		-1.165e+06	-2.300e+05	-0.48	0.0	360.0	-2578.22	-6173.63	1320.16	1.256e+04	2.454e+05	-1.165e+06
161	1	1810.53	8966.91	-5.03e-04	0.0	0.0	-4309.11	11.15	-30.04	-661.14	8966.91	-2203.99
		-2203.99	-1849.02	-2.06e-03	0.0	360.0	-4309.11	11.15	-30.04	-661.14	-1849.02	1810.53
161	2	7490.64	5.413e+04	-0.01	0.0	0.0	-1.519e+04	84.17	-209.82	-771.51	5.413e+04	-2.281e+04
		-2.281e+04	-2.140e+04	-8.37e-03	0.0	360.0	-1.519e+04	84.17	-209.82	-771.51	-2.140e+04	7490.64
161	3	4448.44	2.328e+04	-1.91e-03	0.0	0.0	30.14	26.00	-88.54	-6.33	2.328e+04	-4912.44
		-4912.44	-8595.06	-4.27e-03	0.0	360.0	30.14	26.00	-88.54	-6.33	-8595.06	4448.44
161	4	5418.39	3.452e+04	-2.86e-03	0.0	0.0	-757.07	34.67	-130.86	-5.11	3.452e+04	-7063.56
		-7063.56	-1.259e+04	-6.37e-03	0.0	360.0	-757.07	34.67	-130.86	-5.11	-1.259e+04	5418.39
161	5	1360.61	3385.83	-5.61e-04	0.0	0.0	-2501.08	-5.86	17.83	27.84	-3034.75	1360.61
		-750.09	-3034.75	-1.04e-03	0.0	360.0	-2501.08	-5.86	17.83	27.84	3385.83	-750.09
161	6	1.674e+06	1.047e+06	1.32	0.0	0.0	-3868.63	-9647.98	5745.66	-4.049e+04	-1.023e+06	1.674e+06
		-1.800e+06	-1.023e+06	-1.89	0.0	360.0	-3868.63	-9647.98	5745.66	-4.049e+04	1.047e+06	-1.800e+06
161	7	1.107e+06	1.421e+06	0.81	0.0	0.0	-1093.03	-6267.82	7725.43	-9264.09	-1.361e+06	1.107e+06
		-1.150e+06	-1.361e+06	-2.62	0.0	360.0	-1093.03	-6267.82	7725.43	-9264.09	1.421e+06	-1.150e+06
161	8	3.166e+06	6.927e+05	2.42	0.0	0.0	-1.195e+04	-1.860e+04	-4086.22	-3.330e+04	6.927e+05	3.166e+06
		-3.529e+06	-7.794e+05	1.49	0.0	360.0	-1.195e+04	-1.860e+04	-4086.22	-3.330e+04	-7.794e+05	-3.529e+06
161	9	2.400e+06	2.919e+05	1.93	0.0	0.0	-7987.49	-1.402e+04	-1704.97	3.336e+04	2.919e+05	2.400e+06
		-2.648e+06	-3.227e+05	-0.17	0.0	360.0	-7987.49	-1.402e+04	-1704.97	3.336e+04	-3.227e+05	-2.648e+06

161	10	8.948e+05	5.633e+05	0.71	0.0	0.0	-2094.98	-5154.85	3092.14	-2.191e+04	-5.505e+05	8.948e+05
		-9.613e+05	-5.505e+05	-1.01	0.0	360.0	-2094.98	-5154.85	3092.14	-2.191e+04	5.633e+05	-9.613e+05
161	11	5.897e+05	7.568e+05	0.43	0.0	0.0	-583.70	-3338.29	4118.17	-4964.53	-7.267e+05	5.897e+05
		-6.122e+05	-7.267e+05	-1.39	0.0	360.0	-583.70	-3338.29	4118.17	-4964.53	7.568e+05	-6.122e+05
161	12	1.684e+06	4.224e+05	1.28	0.0	0.0	-6349.55	-9882.95	-2191.75	-1.855e+04	3.724e+05	1.684e+06
		-1.875e+06	-4.174e+05	0.80	0.0	360.0	-6349.55	-9882.95	-2191.75	-1.855e+04	-4.174e+05	-1.875e+06
161	13	1.297e+06	1.707e+05	1.05	0.0	0.0	-4344.44	-7580.91	-997.70	1.819e+04	1.707e+05	1.297e+06
		-1.432e+06	-1.890e+05	-0.09	0.0	360.0	-4344.44	-7580.91	-997.70	1.819e+04	-1.890e+05	-1.432e+06
161	14	6.711e+05	4.224e+05	0.53	0.0	0.0	-1571.89	-3865.94	2318.99	-1.643e+04	4.224e+05	6.711e+05
		-7.209e+05	-4.129e+05	-0.76	0.0	360.0	-1571.89	-3865.94	2318.99	-1.643e+04	-4.129e+05	-7.209e+05
161	15	4.417e+05	5.669e+05	0.32	0.0	0.0	-437.41	-2500.23	3085.21	-3722.53	-5.446e+05	4.417e+05
		-4.584e+05	-5.446e+05	-1.04	0.0	360.0	-437.41	-2500.23	3085.21	-3722.53	5.669e+05	-4.584e+05
161	16	1.263e+06	2.798e+05	0.96	0.0	0.0	-4764.88	-7415.42	-1645.76	-1.392e+04	2.798e+05	1.263e+06
		-1.406e+06	-3.133e+05	0.60	0.0	360.0	-4764.88	-7415.42	-1645.76	-1.392e+04	-3.133e+05	-1.406e+06
161	17	9.737e+05	1.283e+05	0.79	0.0	0.0	-3260.46	-5688.97	-749.48	1.365e+04	1.283e+05	9.737e+05
		-1.074e+06	-1.419e+05	-0.07	0.0	360.0	-3260.46	-5688.97	-749.48	1.365e+04	-1.419e+05	-1.074e+06
162	1	2.494e+04	1.617e+04	-1.98e-03	0.0	0.0	-3089.51	119.67	89.20	358.74	-1.595e+04	-1.814e+04
		-1.814e+04	-1.595e+04	-4.84e-03	0.0	360.0	-3089.51	119.67	89.20	358.74	1.617e+04	-2.494e+04
162	2	1.203e+05	4.989e+04	-0.02	0.0	0.0	-1.035e+04	497.66	245.03	-115.81	-3.832e+04	-5.887e+04
		-5.887e+04	-3.832e+04	-9.66e-03	0.0	360.0	-1.035e+04	497.66	245.03	-115.81	4.989e+04	1.203e+05
162	3	1190.63	1930.02	1.63e-04	0.0	0.0	-53.01	8.43	25.46	29.22	-7236.63	-1844.13
		-1844.13	-7236.63	2.49e-03	0.0	360.0	-53.01	8.43	25.46	29.22	1930.02	1190.63
162	4	7713.31	6123.23	-5.13e-04	0.0	0.0	-649.78	35.75	50.72	13.03	-1.214e+04	-5158.23
		-5158.23	-1.214e+04	3.05e-03	0.0	360.0	-649.78	35.75	50.72	13.03	6123.23	7713.31
162	5	2.551e+04	4053.70	-1.35e-03	0.0	0.0	-1183.87	140.04	48.15	129.68	-1.328e+04	-2.491e+04
		-2.491e+04	-1.328e+04	3.18e-03	0.0	360.0	-1183.87	140.04	48.15	129.68	4053.70	2.551e+04
162	6	1.215e+06	1.315e+06	-1.23	0.0	0.0	-1.645e+04	6202.76	7011.80	-3.573e+04	-1.210e+06	-1.020e+06
		-1.020e+06	-1.210e+06	-1.77	0.0	360.0	-1.645e+04	6202.76	7011.80	-3.573e+04	1.315e+06	1.215e+06
162	7	7.167e+05	1.915e+06	-0.65	0.0	0.0	-1.671e+04	3717.33	1.017e+04	2036.98	-1.747e+06	-6.223e+05
		-6.223e+05	-1.747e+06	-2.66	0.0	360.0	-1.671e+04	3717.33	1.017e+04	2036.98	1.915e+06	7.167e+05
162	8	1.576e+06	6.812e+05	1.93	0.0	0.0	1.458e+04	-9745.69	3589.17	-4.226e+04	-6.112e+05	1.576e+06
		-1.933e+06	-6.112e+05	0.57	0.0	360.0	1.458e+04	-9745.69	3589.17	-4.226e+04	6.812e+05	-1.933e+06
162	9	2.225e+06	1.133e+06	2.43	0.0	0.0	1.343e+04	-1.377e+04	5935.08	3.297e+04	-1.004e+06	2.225e+06
		-2.735e+06	-1.004e+06	-1.50	0.0	360.0	1.343e+04	-1.377e+04	5935.08	3.297e+04	1.133e+06	-2.735e+06
162	10	6.498e+05	7.126e+05	-0.67	0.0	0.0	-8771.17	3321.82	3798.72	-1.956e+04	-6.552e+05	-5.471e+05
		-5.471e+05	-6.552e+05	-0.95	0.0	360.0	-8771.17	3321.82	3798.72	-1.956e+04	7.126e+05	6.498e+05
162	11	3.817e+05	1.019e+06	-0.35	0.0	0.0	-8904.58	1981.78	5416.79	1115.07	-9.312e+05	-3.322e+05
		-3.322e+05	-9.312e+05	-1.41	0.0	360.0	-8904.58	1981.78	5416.79	1115.07	1.019e+06	3.817e+05
162	12	8.587e+05	3.932e+05	1.06	0.0	0.0	7782.22	-5309.91	2071.20	-2.318e+04	-3.526e+05	8.587e+05
		-1.053e+06	-3.526e+05	0.31	0.0	360.0	7782.22	-5309.91	2071.20	-2.318e+04	3.932e+05	-1.053e+06
162	13	1.184e+06	6.066e+05	1.28	0.0	0.0	7179.19	-7317.97	3178.45	1.827e+04	-5.379e+05	1.184e+06
		-1.452e+06	-5.379e+05	-0.81	0.0	360.0	7179.19	-7317.97	3178.45	1.827e+04	6.066e+05	-1.452e+06
162	14	4.873e+05	5.343e+05	-0.50	0.0	0.0	-6577.56	2491.94	2848.68	-1.467e+04	5.343e+05	4.873e+05
		-4.106e+05	-4.914e+05	-0.71	0.0	360.0	-6577.56	2491.94	2848.68	-1.467e+04	-5.343e+05	-4.106e+05
162	15	2.859e+05	7.635e+05	-0.26	0.0	0.0	-6670.27	1484.74	4057.53	839.93	-6.976e+05	-2.490e+05
		-2.490e+05	-6.976e+05	-1.06	0.0	360.0	-6670.27	1484.74	4057.53	839.93	7.635e+05	2.859e+05
162	16	6.443e+05	3.932e+05	0.80	0.0	0.0	5838.86	-3983.76	1555.32	-1.739e+04	-2.952e+05	-7.901e+05
		-7.901e+05	-2.649e+05	0.23	0.0	360.0	5838.86	-3983.76	1555.32	-1.739e+04	3.932e+05	-7.901e+05
162	17	8.890e+05	4.552e+05	0.96	0.0	0.0	5387.88	-5493.05	2385.74	1.371e+04	-4.038e+05	8.890e+05
		-1.090e+06	-4.038e+05	-0.61	0.0	360.0	5387.88	-5493.05	2385.74	1.371e+04	4.552e+05	-1.090e+06
163	1	3.972e+04	3992.35	-8.84e-03	0.0	0.0	-4630.50	193.66	-21.55	776.65	3992.35	-2.999e+04
		-2.999e+04	-3766.16	-6.82e-03	0.0	360.0	-4630.50	193.66	-21.55	776.65	-3766.16	3.972e+04
163	2	1.209e+05	4901.00	-0.02	0.0	0.0	-1.069e+04	529.00	2.99	1160.89	3823.15	-6.956e+04
		-6.956e+04	3823.15	-0.01	0.0	360.0	-1.069e+04	529.00	2.99	1160.89	4901.00	1.209e+05
163	3	3353.58	9376.60	-1.44e-03	0.0	0.0	-116.10	17.43	-38.82	62.27	9376.60	-2922.99
		-2922.99	-4597.04	1.44e-03	0.0	360.0	-116.10	17.43	-38.82	62.27	-4597.04	3353.58
163	4	1.010e+04	1.347e+04	-2.62e-03	0.0	0.0	-562.43	46.76	-54.77	108.62	1.347e+04	-6730.18
		-6730.18	-6250.64	1.89e-03	0.0	360.0	-562.43	46.76	-54.77	108.62	-6250.64	1.010e+04
163	5	2.296e+04	1.400e+04	-1.51e-03	0.0	0.0	-1108.72	130.09	-53.08	-28.08	1.400e+04	-2.388e+04
		-2.388e+04	-5103.94	-2.85e-03	0.0	360.0	-1108.72	130.09	-53.08	-28.08	-5103.94	2.296e+04
163	6	5.345e+05	1.445e+06	0.42	0.0	0.0	8992.64	-3266.97	7657.72	-3.535e+04	-1.313e+06	5.345e+05
		-6.425e+05	-1.313e+06	-1.99	0.0	360.0	8992.64	-3266.97	7657.72	-3.535e+04	1.445e+06	-6.425e+05
163	7	7.772e+05	1.924e+06	0.81	0.0	0.0	1.388e+04	-4812.06	1.017e+04	2260.94	-1.737e+06	7.772e+05
		-9.564e+05	-1.737e+06	-2.62	0.0	360.0	1.388e+04	-4812.06	1.017e+04	2260.94	1.924e+06	-9.564e+05
163	8	1.766e+06	1.007e+06	1.75	0.0	0.0	1.632e+04	-1.124e+04	-5929.30	-4.331e+04	1.007e+06	1.766e+06
		-2.283e+06	-1.128e+06	1.56	0.0	360.0	1.632e+04	-1.124e+04	-5929.30	-4.331e+04	-1.128e+06	-2.283e+06
163	9	2.306e+06	4.069e+05	2.52	0.0	0.0	2.480e+04	-1.468e+04	-2392.36	3.220e+04	4.069e+05	2.306e+06
		-2.982e+06	-4.547e+05	-0.18	0.0	360.0	2.480e+04	-1.468e+04	-2392.36	3.220e+04	-4.547e+05	-2.982e+06
163	10	2.912e+05	7.764e+05	0.22	0.0	0.0	4902.92	-1780.29	4116.47	-1.935e+04	7.764e+05	-3.503e+05
		-3.503e+05	-7.058e+05	-1.07	0.0	360.0	4902.92	-1780.29	4116.47	-1.935e+04	-7.058e+05	-3.503e+05
163	11	4.157e+05	1.024e+06	0.43	0.0	0.0	7393.26	-2568.33	5416.05	1231.76	-9.260e+05	4.157e+05
		-5.097e+05	-9.260e+05	-1.39	0.0	360.0	7393.26	-2568.33	5416.05	1231.76	1.024e+06	-5.097e+05
163	12	9.545e+05	5.375e+05	0.94	0.0	0.0	8968.83	-6077.31	-3164.36	-2.368e+04	-7.058e+05	9.545e+05
		-1.234e+06	-6.018e+05	0.85	0.0	360.0	8968.83	-6077.31	-3164.36	-2.368e+04	-6.018e+05	-1.234e+06
163	13	1.228e+06	2.379e+05	1.34	0.0	0.0	1.317e+04	-7811.26	-1398.87	1.791e+04	2.379e+05	1.228e+06
		-1.585e+06	-2.659e+05	-0.11	0.0	360.0	1.317e+04	-7811.26	-1398.87	1.791e+04	-2.659e+05	-1.585e+06

163	14	2.185e+05	5.822e+05	0.17	0.0	0.0	3676.88	-1335.61	3086.77	-1.451e+04	-5.293e+05	2.185e+05
		-2.628e+05	-5.293e+05	-0.80	0.0	360.0	3676.88	-1335.61	3086.77	-1.451e+04	5.822e+05	-2.628e+05
163	15	3.117e+05	7.671e+05	0.32	0.0	0.0	5537.44	-1924.55	4056.92	926.83	-6.937e+05	3.117e+05
		-3.818e+05	-6.937e+05	-1.04	0.0	360.0	5537.44	-1924.55	4056.92	926.83	7.671e+05	-3.818e+05
163	16	7.161e+05	4.035e+05	0.70	0.0	0.0	6728.62	-4559.18	-2375.04	-1.777e+04	4.035e+05	7.161e+05
		-9.254e+05	-4.516e+05	0.63	0.0	360.0	6728.62	-4559.18	-2375.04	-1.777e+04	-4.516e+05	-9.254e+05
163	17	9.225e+05	1.787e+05	1.01	0.0	0.0	9882.43	-5863.34	-1050.58	1.344e+04	1.787e+05	9.225e+05
		-1.190e+06	-1.997e+05	-0.08	0.0	360.0	9882.43	-5863.34	-1050.58	1.344e+04	-1.997e+05	-1.190e+06
164	1	3.996e+04	3511.57	-8.97e-03	0.0	0.0	-4641.72	195.24	21.25	-731.68	-4138.54	-3.033e+04
		-3.033e+04	-4138.54	6.45e-03	0.0	360.0	-3561.72	195.24	21.25	-731.68	3511.57	3.996e+04
164	2	1.216e+05	1333.66	-0.02	0.0	0.0	-1.067e+04	536.55	-36.51	-906.40	1333.66	-7.152e+04
		-7.152e+04	-1.181e+04	0.02	0.0	360.0	-1.067e+04	536.55	-36.51	-906.40	-1.181e+04	1.216e+05
164	3	2851.94	1385.44	-8.53e-04	0.0	0.0	-93.26	15.98	22.14	-9.47	-6585.96	-2899.83
		-2899.83	-6585.96	2.68e-03	0.0	360.0	-93.26	15.98	22.14	-9.47	1385.44	2851.94
164	4	9458.71	1529.69	-1.83e-03	0.0	0.0	-529.47	45.19	30.37	-28.70	-9403.19	-6810.64
		-6810.64	-9403.19	4.15e-03	0.0	360.0	-529.47	45.19	30.37	-28.70	1529.69	9458.71
164	5	2.313e+04	5066.21	-1.63e-03	0.0	0.0	-1113.52	130.93	52.87	46.36	-1.397e+04	-2.400e+04
		-2.400e+04	-1.397e+04	2.83e-03	0.0	360.0	-1113.52	130.93	52.87	46.36	5066.21	2.313e+04
164	6	5.659e+05	1.521e+06	-0.35	0.0	0.0	-9689.64	2897.62	7994.26	-3.938e+04	-1.357e+06	-4.783e+05
		-4.783e+05	-1.357e+06	-1.97	0.0	360.0	-9689.64	2897.62	7994.26	-3.938e+04	1.521e+06	5.659e+05
164	7	8.819e+05	2.018e+06	-0.81	0.0	0.0	-1.509e+04	4467.24	1.057e+04	-4904.42	-1.789e+06	-7.274e+05
		-7.274e+05	-1.789e+06	-2.57	0.0	360.0	-1.509e+04	4467.24	1.057e+04	-4904.42	2.018e+06	8.819e+05
164	8	2.299e+06	5.245e+05	2.53	0.0	0.0	2.557e+04	-1.465e+04	2726.09	-3.686e+04	-4.573e+05	2.299e+06
		-2.979e+06	-4.573e+05	0.35	0.0	360.0	2.557e+04	-1.465e+04	2726.09	-3.686e+04	5.245e+05	-2.979e+06
164	9	1.852e+06	1.047e+06	1.86	0.0	0.0	1.684e+04	-1.179e+04	5464.32	3.592e+04	-9.200e+05	1.852e+06
		-2.393e+06	-9.200e+05	-1.37	0.0	360.0	1.684e+04	-1.179e+04	5464.32	3.592e+04	1.047e+06	-2.393e+06
164	10	3.101e+05	8.174e+05	-0.19	0.0	0.0	-5285.45	1586.16	4296.54	-2.139e+04	-7.297e+05	-2.615e+05
		-2.615e+05	-7.297e+05	-1.06	0.0	360.0	-5285.45	1586.16	4296.54	-2.139e+04	8.174e+05	3.101e+05
164	11	4.700e+05	1.074e+06	-0.43	0.0	0.0	-8038.15	2384.39	5631.19	-2655.12	-9.535e+05	-3.891e+05
		-3.891e+05	-9.535e+05	-1.36	0.0	360.0	-8038.15	2384.39	5631.19	-2655.12	1.074e+06	4.700e+05
164	12	1.225e+06	3.071e+05	1.35	0.0	0.0	1.359e+04	-7800.19	1596.80	-2.049e+04	-2.680e+05	1.225e+06
		-1.584e+06	-2.680e+05	0.20	0.0	360.0	1.359e+04	-7800.19	1596.80	-2.049e+04	3.071e+05	-1.584e+06
164	13	9.982e+05	5.579e+05	0.99	0.0	0.0	9200.63	-6347.42	2911.17	1.960e+04	-4.903e+05	9.982e+05
		-1.288e+06	-4.903e+05	-0.74	0.0	360.0	9200.63	-6347.42	2911.17	1.960e+04	5.579e+05	-1.288e+06
164	14	2.327e+05	6.129e+05	-0.14	0.0	0.0	-3964.09	1190.27	3221.78	-1.604e+04	-5.472e+05	-1.963e+05
		-1.963e+05	-5.472e+05	-0.79	0.0	360.0	-3964.09	1190.27	3221.78	-1.604e+04	6.129e+05	2.327e+05
164	15	3.521e+05	8.045e+05	-0.32	0.0	0.0	-6020.84	1786.95	4218.00	-1994.20	-7.143e+05	-2.918e+05
		-2.918e+05	-7.143e+05	-1.02	0.0	360.0	-6020.84	1786.95	4218.00	-1994.20	8.045e+05	3.521e+05
164	16	9.200e+05	2.305e+05	1.01	0.0	0.0	1.020e+04	-5854.09	1198.65	-1.537e+04	-2.012e+05	-9.200e+05
		-1.189e+06	-2.012e+05	0.15	0.0	360.0	1.020e+04	-5854.09	1198.65	-1.537e+04	2.305e+05	-1.189e+06
164	17	7.494e+05	4.187e+05	0.74	0.0	0.0	6906.16	-4764.17	2185.09	1.470e+04	-3.681e+05	7.494e+05
		-9.665e+05	-3.681e+05	-0.56	0.0	360.0	6906.16	-4764.17	2185.09	1.470e+04	4.187e+05	-9.665e+05
165	1	2.509e+04	1.529e+04	-2.17e-03	0.0	0.0	-3089.25	119.89	-85.93	-335.50	1.529e+04	-1.807e+04
		-1.807e+04	-1.564e+04	4.44e-03	0.0	360.0	-2009.25	119.89	-85.93	-335.50	1.564e+04	2.509e+04
165	2	1.273e+05	4.053e+04	-0.02	0.0	0.0	-1.035e+04	532.85	-260.72	254.78	4.053e+04	-6.449e+04
		-6.449e+04	-5.333e+04	0.01	0.0	360.0	-1.035e+04	532.85	-260.72	254.78	-5.333e+04	1.273e+05
165	3	3955.15	9475.18	-1.92e-03	0.0	0.0	-55.42	22.56	-39.14	4.91	9475.18	-4166.89
		-4166.89	-4614.15	1.53e-03	0.0	360.0	-55.42	22.56	-39.14	4.91	-4614.15	3955.15
165	4	1.180e+04	1.534e+04	-3.08e-03	0.0	0.0	-652.87	56.56	-70.42	37.49	1.534e+04	-8558.83
		-8558.83	-1.001e+04	2.35e-03	0.0	360.0	-652.87	56.56	-70.42	37.49	-1.001e+04	1.180e+04
165	5	2.573e+04	1.314e+04	-1.61e-03	0.0	0.0	-1186.84	140.47	-47.41	-116.02	1.314e+04	-2.484e+04
		-2.484e+04	-3921.79	-3.23e-03	0.0	360.0	-1186.84	140.47	-47.41	-116.02	-3921.79	2.573e+04
165	6	1.138e+06	1.250e+06	1.33	0.0	0.0	1.686e+04	-6898.40	6659.34	-3.736e+04	-1.148e+06	1.138e+06
		-1.348e+06	-1.148e+06	-1.71	0.0	360.0	1.686e+04	-6898.40	6659.34	-3.736e+04	1.250e+06	-1.348e+06
165	7	7.220e+05	1.837e+06	0.82	0.0	0.0	1.698e+04	-4287.60	9745.32	-2047.45	-1.672e+06	7.220e+05
		-8.224e+05	-1.672e+06	-2.57	0.0	360.0	1.698e+04	-4287.60	9745.32	-2047.45	1.837e+06	-8.224e+05
165	8	2.204e+06	1.110e+06	2.41	0.0	0.0	1.268e+04	-1.367e+04	-6567.49	-3.792e+04	1.110e+06	2.204e+06
		-2.721e+06	-1.255e+06	1.68	0.0	360.0	1.268e+04	-1.367e+04	-6567.49	-3.792e+04	1.255e+06	-2.721e+06
165	9	1.646e+06	4.834e+05	1.96	0.0	0.0	1.438e+04	-1.015e+04	-2848.93	3.539e+04	4.834e+05	1.646e+06
		-2.011e+06	-5.425e+05	-0.35	0.0	360.0	1.438e+04	-1.015e+04	-2848.93	3.539e+04	-5.425e+05	-2.011e+06
165	10	6.101e+05	6.778e+05	0.72	0.0	0.0	8995.70	-3692.99	3609.51	-2.037e+04	-6.220e+05	6.101e+05
		-7.207e+05	-6.220e+05	-0.92	0.0	360.0	8995.70	-3692.99	3609.51	-2.037e+04	6.778e+05	-7.207e+05
165	11	3.857e+05	9.780e+05	0.43	0.0	0.0	9048.28	-2286.57	5191.46	-1168.39	-8.914e+05	3.857e+05
		-4.381e+05	-8.914e+05	-1.37	0.0	360.0	9048.28	-2286.57	5191.46	-1168.39	9.780e+05	-4.381e+05
165	12	1.174e+06	5.961e+05	1.27	0.0	0.0	6789.72	-7270.98	-3524.30	-2.102e+04	5.961e+05	1.174e+06
		-1.445e+06	-6.730e+05	0.91	0.0	360.0	6789.72	-7270.98	-3524.30	-2.102e+04	-6.730e+05	-1.445e+06
165	13	8.917e+05	2.822e+05	1.07	0.0	0.0	7667.32	-5497.71	-1662.83	1.937e+04	2.822e+05	8.917e+05
		-1.089e+06	-3.167e+05	-0.19	0.0	360.0	7667.32	-5497.71	-1662.83	1.937e+04	-3.167e+05	-1.089e+06
165	14	4.579e+05	5.082e+05	0.54	0.0	0.0	6746.00	-2770.47	2706.84	-1.528e+04	-4.665e+05	4.579e+05
		-5.405e+05	-4.665e+05	-0.69	0.0	360.0	6746.00	-2770.47	2706.84	-1.528e+04	5.082e+05	-5.405e+05
165	15	2.891e+05	7.325e+05	0.32	0.0	0.0	6777.92	-1713.04	3888.77	-885.94	-6.679e+05	2.891e+05
		-3.281e+05	-6.679e+05	-1.02	0.0	360.0	6777.92	-1713.04	3888.77	-885.94	7.325e+05	-3.281e+05
165	16	8.813e+05	4.475e+05	0.96	0.0	0.0	5093.69	-5456.87	-2645.43	-1.577e+04	-5.051e+05	-1.085e+06
		-1.085e+06	-5.051e+05	0.68	0.0	360.0	5093.69	-5456.87	-2645.43	-1.577e+04	4.475e+05	-1.085e+06
165	17	6.695e+05	2.120e+05	0.80	0.0	0.0	5753.96	-4126.44	-1248.69	1.453e+04	2.120e+05	6.695e+05
		-8.168e+05	-2.378e+05	-0.14	0.0	360.0	5753.96	-4126.44	-1248.69	1.453e+04	-2.378e+05	-8.168e+05

166	1	3740.69	1.455e+04	5.01e-03	0.0	0.0	-2543.00	-18.60	70.92	596.74	-1.099e+04	3740.69
		-2956.73	-1.099e+04	-4.23e-03	0.0	360.0	-1463.00	-18.60	70.92	596.74	1.455e+04	-2956.73
166	2	4.776e+04	3.754e+04	6.44e-03	0.0	0.0	-2547.79	186.31	183.56	1043.93	-2.854e+04	-1.931e+04
		-1.931e+04	2.854e+04	-0.01	0.0	360.0	-2547.79	186.31	183.56	1043.93	3.754e+04	4.776e+04
166	3	2697.94	567.26	-1.80e-03	0.0	0.0	32.79	19.36	14.83	31.40	-4769.90	-4271.27
		-4271.27	-4769.90	1.19e-03	0.0	360.0	32.79	19.36	14.83	31.40	567.26	2697.94
166	4	7972.41	3001.02	-2.50e-03	0.0	0.0	-144.55	44.22	30.32	82.99	-7913.18	-7945.12
		-7945.12	-7913.18	1.43e-03	0.0	360.0	-144.55	44.22	30.32	82.99	3001.02	7972.41
166	5	3335.58	3937.81	5.22e-04	0.0	0.0	-35.03	28.00	40.22	9.58	-1.054e+04	-6742.84
		-6742.84	-1.054e+04	1.96e-03	0.0	360.0	-35.03	28.00	40.22	9.58	3937.81	3335.58
166	6	2.421e+06	1.885e+05	1.87	0.0	0.0	-5294.08	-1.391e+04	1032.79	-3.631e+04	-1.861e+05	2.421e+06
		-2.588e+06	-1.861e+05	-0.85	0.0	360.0	-5294.08	-1.391e+04	1032.79	-3.631e+04	1.885e+05	-2.588e+06
166	7	3.398e+06	1.846e+05	2.70	0.0	0.0	-5117.67	-1.958e+04	1007.06	-4005.78	-1.783e+05	3.398e+06
		-3.653e+06	-1.783e+05	-0.41	0.0	360.0	-5117.67	-1.958e+04	1007.06	-4005.78	1.846e+05	-3.653e+06
166	8	1.232e+06	2.713e+05	-0.80	0.0	0.0	5844.88	-7143.62	-1444.96	-3.859e+04	2.713e+05	1.232e+06
		-1.340e+06	-2.515e+05	1.99	0.0	360.0	5844.88	-7143.62	-1444.96	-3.859e+04	-2.515e+05	-1.340e+06
166	9	1.491e+06	3.171e+05	1.32	0.0	0.0	5553.11	-8686.02	-1583.70	2.914e+04	3.171e+05	1.491e+06
		-1.636e+06	-2.670e+05	2.42	0.0	360.0	5553.11	-8686.02	-1583.70	2.914e+04	-2.670e+05	-1.636e+06
166	10	1.308e+06	1.005e+05	1.00	0.0	0.0	-2822.84	-7515.75	553.41	-1.974e+04	-1.007e+05	1.308e+06
		-1.398e+06	-1.007e+05	-0.46	0.0	360.0	-2822.84	-7515.75	553.41	-1.974e+04	1.005e+05	-1.398e+06
166	11	1.811e+06	9.831e+04	1.44	0.0	0.0	-2725.68	-1.043e+04	536.94	-2152.08	-9.524e+04	1.811e+06
		-1.945e+06	-9.524e+04	-0.22	0.0	360.0	-2725.68	-1.043e+04	536.94	-2152.08	9.831e+04	-1.945e+06
166	12	6.916e+05	1.467e+05	-0.43	0.0	0.0	3120.93	-4009.31	-776.62	-2.113e+04	1.467e+05	6.916e+05
		-7.519e+05	-1.347e+05	1.08	0.0	360.0	3120.93	-4009.31	-776.62	-2.113e+04	-1.347e+05	-7.519e+05
166	13	8.060e+05	1.759e+05	0.72	0.0	0.0	2961.63	-4691.44	-858.60	1.618e+04	1.759e+05	8.060e+05
		-8.832e+05	-1.424e+05	1.28	0.0	360.0	2961.63	-4691.44	-858.60	1.618e+04	-1.424e+05	-8.832e+05
166	14	9.807e+05	7.533e+04	0.75	0.0	0.0	-2116.85	-5635.81	415.53	-1.480e+04	-7.575e+04	9.807e+05
		-1.048e+06	-7.575e+04	-0.35	0.0	360.0	-2116.85	-5635.81	415.53	-1.480e+04	7.533e+04	-1.048e+06
166	15	1.357e+06	7.363e+04	1.08	0.0	0.0	-2041.61	-7812.77	402.30	-1613.50	-7.139e+04	1.357e+06
		-1.456e+06	-7.139e+04	-0.16	0.0	360.0	-2041.61	-7812.77	402.30	-1613.50	7.363e+04	-1.456e+06
166	16	5.194e+05	1.104e+05	-0.33	0.0	0.0	2341.14	-3010.35	-583.40	-1.586e+04	1.104e+05	5.194e+05
		-5.645e+05	-1.011e+05	0.81	0.0	360.0	2341.14	-3010.35	-583.40	-1.586e+04	-1.011e+05	-5.645e+05
166	17	6.052e+05	1.337e+05	0.54	0.0	0.0	2222.22	-3521.67	-647.88	1.214e+04	1.337e+05	6.052e+05
		-6.629e+05	-1.069e+05	0.96	0.0	360.0	2222.22	-3521.67	-647.88	1.214e+04	-1.069e+05	-6.629e+05
167	1	1.544e+04	1.673e+04	6.12e-03	0.0	0.0	-2803.51	-87.61	82.16	556.61	-1.285e+04	1.544e+04
		-1.610e+04	-1.285e+04	-6.00e-03	0.0	360.0	-2803.51	-87.61	82.16	556.61	1.673e+04	-1.610e+04
167	2	3.361e+04	2.901e+04	0.01	0.0	0.0	-1101.61	-209.97	157.44	943.96	-2.767e+04	3.361e+04
		-4.198e+04	-2.767e+04	-0.01	0.0	360.0	-1101.61	-209.97	157.44	943.96	2.901e+04	-4.198e+04
167	3	2562.34	753.74	-1.66e-03	0.0	0.0	17.41	10.24	15.64	31.63	-4876.34	-1122.69
		-1122.69	-4876.34	9.43e-04	0.0	360.0	17.41	10.24	15.64	31.63	753.74	2562.34
167	4	2705.69	2220.62	-2.24e-03	0.0	0.0	25.28	10.07	27.84	62.96	-7800.87	-919.63
		-919.63	-7800.87	-1.54e-03	0.0	360.0	25.28	10.07	27.84	62.96	2220.62	2705.69
167	5	3893.29	4024.49	-5.45e-04	0.0	0.0	-19.81	-15.34	41.72	16.73	-1.099e+04	3893.29
		-1629.30	-1.099e+04	2.00e-03	0.0	360.0	-19.81	-15.34	41.72	16.73	4024.49	-1629.30
167	6	2.510e+06	1.313e+05	2.01	0.0	0.0	1012.70	-1.441e+04	680.83	-3.663e+04	-1.146e+05	2.510e+06
		-2.677e+06	-1.146e+05	-0.16	0.0	360.0	1012.70	-1.441e+04	680.83	-3.663e+04	1.313e+05	-2.677e+06
167	7	3.373e+06	1.480e+05	2.72	0.0	0.0	1908.72	-1.940e+04	784.88	-4622.84	-1.371e+05	3.373e+06
		-3.613e+06	-1.371e+05	0.28	0.0	360.0	1908.72	-1.940e+04	784.88	-4622.84	1.480e+05	-3.613e+06
167	8	1.752e+06	3.364e+05	-1.26	0.0	0.0	5527.72	9342.41	-1852.89	-3.836e+04	3.364e+05	-1.612e+06
		-1.612e+06	-3.324e+05	1.86	0.0	360.0	5527.72	9342.41	-1852.89	-3.836e+04	-3.324e+05	-1.612e+06
167	9	8.622e+05	3.527e+05	0.70	0.0	0.0	7586.18	4602.47	-1821.87	2.871e+04	3.527e+05	8.622e+05
		-7.954e+05	-3.166e+05	2.55	0.0	360.0	7586.18	4602.47	-1821.87	2.871e+04	-3.166e+05	-7.954e+05
167	10	1.351e+06	7.002e+04	1.08	0.0	0.0	587.37	-7753.86	363.42	-1.990e+04	-6.134e+04	1.351e+06
		-1.441e+06	-6.134e+04	-0.09	0.0	360.0	587.37	-7753.86	363.42	-1.990e+04	7.002e+04	-1.441e+06
167	11	1.797e+06	7.871e+04	1.45	0.0	0.0	1015.97	-1.033e+04	417.99	-2480.41	-7.351e+04	1.797e+06
		-1.924e+06	-7.351e+04	0.15	0.0	360.0	1015.97	-1.033e+04	417.99	-2480.41	7.871e+04	-1.924e+06
167	12	9.426e+05	1.805e+05	-0.69	0.0	0.0	3009.66	5028.34	-990.62	-2.099e+04	1.805e+05	-8.679e+05
		-8.679e+05	-1.773e+05	1.00	0.0	360.0	3009.66	5028.34	-990.62	-2.099e+04	-1.773e+05	-8.679e+05
167	13	4.950e+05	1.951e+05	0.39	0.0	0.0	4028.61	2643.38	-987.60	1.597e+04	1.951e+05	-4.571e+05
		-4.571e+05	-1.694e+05	1.35	0.0	360.0	4028.61	2643.38	-987.60	1.597e+04	-1.694e+05	-4.571e+05
167	14	1.013e+06	5.249e+04	0.81	0.0	0.0	440.81	-5814.22	272.56	-1.493e+04	-4.606e+04	1.013e+06
		-1.080e+06	-4.606e+04	-0.07	0.0	360.0	440.81	-5814.22	272.56	-1.493e+04	5.249e+04	-1.080e+06
167	15	1.346e+06	5.894e+04	1.08	0.0	0.0	760.88	-7740.26	313.10	-1859.62	-5.515e+04	1.346e+06
		-1.441e+06	-5.515e+04	0.11	0.0	360.0	760.88	-7740.26	313.10	-1859.62	5.894e+04	-1.441e+06
167	16	7.074e+05	1.357e+05	-0.52	0.0	0.0	2257.81	3774.33	-743.75	-1.575e+04	1.357e+05	-6.515e+05
		-6.515e+05	-1.330e+05	0.75	0.0	360.0	2257.81	3774.33	-743.75	-1.575e+04	-1.330e+05	-6.515e+05
167	17	3.716e+05	1.480e+05	0.29	0.0	0.0	3023.34	1985.22	-744.52	1.198e+04	1.480e+05	-3.434e+05
		-3.434e+05	-1.271e+05	1.01	0.0	360.0	3023.34	1985.22	-744.52	1.198e+04	-1.271e+05	-3.434e+05
168	1	2.715e+04	1.636e+04	-6.22e-03	0.0	0.0	-3091.51	145.28	80.15	-736.11	-1.249e+04	-2.516e+04
		-2.516e+04	-1.249e+04	-5.25e-03	0.0	360.0	-3091.51	145.28	80.15	-736.11	1.636e+04	2.715e+04
168	2	8.447e+04	2.705e+04	-0.02	0.0	0.0	-1127.00	424.75	155.02	-1111.58	-2.876e+04	-6.845e+04
		-6.845e+04	-2.876e+04	-0.01	0.0	360.0	-1127.00	424.75	155.02	-1111.58	2.705e+04	8.447e+04
168	3	4910.86	793.32	-2.16e-03	0.0	0.0	19.70	35.11	19.06	10.51	-6068.22	-7728.49
		-7728.49	-6068.22	-1.04e-03	0.0	360.0	19.70	35.11	19.06	10.51	793.32	4910.86
168	4	9000.14	2293.46	-3.37e-03	0.0	0.0	28.30	59.45	32.94	-6.81	-9565.81	-1.240e+04
		-1.240e+04	-9565.81	-1.75e-03	0.0	360.0	28.30	59.45	32.94	-6.81	2293.46	9000.14

168	5	2744.41	4034.89	6.75e-04	0.0	0.0	-22.31	32.18	44.49	-4.27	-1.198e+04	-8838.74
		-8838.74	-1.198e+04	1.69e-03	0.0	360.0	-22.31	32.18	44.49	-4.27	4034.89	2744.41
168	6	3.496e+06	1.507e+05	1.99	0.0	0.0	-1045.42	-1.973e+04	808.98	-4.894e+04	-1.422e+05	3.496e+06
		-3.608e+06	-1.422e+05	0.05	0.0	360.0	-1045.42	-1.973e+04	808.98	-4.894e+04	1.507e+05	-3.608e+06
168	7	4.681e+06	2.327e+05	2.63	0.0	0.0	-1789.10	-2.649e+04	1232.47	-8789.23	-2.124e+05	4.681e+06
		-4.857e+06	-2.124e+05	-0.56	0.0	360.0	-1789.10	-2.649e+04	1232.47	-8789.23	2.327e+05	-4.857e+06
168	8	1.339e+06	4.213e+05	-0.61	0.0	0.0	7756.61	-7664.15	-2172.97	-4.281e+04	4.213e+05	1.339e+06
		-1.421e+06	-3.773e+05	2.62	0.0	360.0	7756.61	-7664.15	-2172.97	-4.281e+04	-3.773e+05	-1.421e+06
168	9	1.963e+06	2.796e+05	1.24	0.0	0.0	5899.18	-1.118e+04	-1374.34	4.208e+04	2.796e+05	1.963e+06
		-2.064e+06	-2.268e+05	1.83	0.0	360.0	5899.18	-1.118e+04	-1374.34	4.208e+04	-2.268e+05	-2.064e+06
168	10	1.881e+06	8.229e+04	1.07	0.0	0.0	-603.76	-1.061e+04	441.97	-2.652e+04	-7.793e+04	1.881e+06
		-1.941e+06	-7.793e+04	0.03	0.0	360.0	-603.76	-1.061e+04	441.97	-2.652e+04	8.229e+04	-1.941e+06
168	11	2.495e+06	1.237e+05	1.39	0.0	0.0	-952.00	-1.411e+04	658.69	-4708.61	-1.142e+05	2.495e+06
		-2.586e+06	-1.142e+05	-0.30	0.0	360.0	-952.00	-1.411e+04	658.69	-4708.61	1.237e+05	-2.586e+06
168	12	7.627e+05	2.324e+05	-0.34	0.0	0.0	4121.50	-4363.48	-1171.66	-2.383e+04	2.324e+05	7.627e+05
		-8.086e+05	-2.005e+05	1.39	0.0	360.0	4121.50	-4363.48	-1171.66	-2.383e+04	-2.005e+05	-8.086e+05
168	13	1.054e+06	1.566e+05	0.68	0.0	0.0	3192.06	-6003.06	-759.70	2.296e+04	1.566e+05	1.054e+06
		-1.107e+06	-1.245e+05	0.98	0.0	360.0	3192.06	-6003.06	-759.70	2.296e+04	-1.245e+05	-1.107e+06
168	14	1.411e+06	6.172e+04	0.80	0.0	0.0	-453.25	-7959.59	331.73	-1.989e+04	-5.860e+04	1.411e+06
		-1.455e+06	-5.860e+04	0.02	0.0	360.0	-453.25	-7959.59	331.73	-1.989e+04	6.172e+04	-1.455e+06
168	15	1.869e+06	9.284e+04	1.04	0.0	0.0	-713.04	-1.057e+04	493.76	-3529.97	-8.567e+04	1.869e+06
		-1.937e+06	-8.567e+04	-0.22	0.0	360.0	-713.04	-1.057e+04	493.76	-3529.97	9.284e+04	-1.937e+06
168	16	5.728e+05	1.763e+05	-0.26	0.0	0.0	3092.59	-3275.98	-883.30	-1.788e+04	1.763e+05	5.728e+05
		-6.069e+05	-1.505e+05	1.05	0.0	360.0	3092.59	-3275.98	-883.30	-1.788e+04	-1.505e+05	-6.069e+05
168	17	7.917e+05	1.188e+05	0.51	0.0	0.0	2395.53	-4506.19	-572.83	1.723e+04	1.188e+05	7.917e+05
		-8.310e+05	-9.343e+04	0.74	0.0	360.0	2395.53	-4506.19	-572.83	1.723e+04	-9.343e+04	-8.310e+05
169	1	4863.17	1.385e+04	-4.91e-03	0.0	0.0	-2557.49	27.03	67.33	-581.96	-1.039e+04	-4868.04
		-4868.04	-1.039e+04	-3.88e-03	0.0	360.0	-1477.49	27.03	67.33	-581.96	1.385e+04	4863.17
169	2	7192.27	4.135e+04	-0.01	0.0	0.0	-2606.07	-108.03	200.11	-911.07	-3.069e+04	7192.27
		-3.170e+04	-3.069e+04	-0.02	0.0	360.0	-2606.07	-108.03	200.11	-911.07	4.135e+04	-3.170e+04
169	3	2996.74	902.79	-1.87e-03	0.0	0.0	25.17	12.43	17.29	6.56	-5322.75	-1478.60
		-1478.60	-5322.75	-1.59e-03	0.0	360.0	25.17	12.43	17.29	6.56	902.79	2996.74
169	4	720.72	3807.87	-2.88e-03	0.0	0.0	-156.59	3.53	35.19	-26.66	-8860.70	-548.52
		-548.52	-8860.70	-2.46e-03	0.0	360.0	-156.59	3.53	35.19	-26.66	3807.87	720.72
169	5	5320.24	4202.29	5.01e-04	0.0	0.0	-37.22	-23.03	41.70	5.07	-1.081e+04	5320.24
		-2969.00	-1.081e+04	1.86e-03	0.0	360.0	-37.22	-23.03	41.70	5.07	4202.29	-2969.00
169	6	2.415e+06	8.701e+04	1.90	0.0	0.0	7769.67	-1.398e+04	506.21	-3.858e+04	-1.039e+05	2.415e+06
		-2.619e+06	-1.039e+05	0.76	0.0	360.0	7769.67	-1.398e+04	506.21	-3.858e+04	8.701e+04	-2.619e+06
169	7	3.392e+06	1.420e+05	2.67	0.0	0.0	8328.17	-1.969e+04	723.94	-6854.25	-1.198e+05	3.392e+06
		-3.698e+06	-1.198e+05	0.28	0.0	360.0	8328.17	-1.969e+04	723.94	-6854.25	1.420e+05	-3.698e+06
169	8	1.872e+06	4.306e+05	-1.24	0.0	0.0	4966.12	9873.51	-2298.81	-3.410e+04	4.306e+05	-1.683e+06
		-1.683e+06	-4.076e+05	2.54	0.0	360.0	4966.12	9873.51	-2298.81	-3.410e+04	-4.076e+05	-1.683e+06
169	9	1.097e+06	2.679e+05	0.77	0.0	0.0	6916.24	5804.46	-1359.91	3.330e+04	2.679e+05	-9.933e+05
		-9.933e+05	-2.306e+05	1.96	0.0	360.0	6916.24	5804.46	-1359.91	3.330e+04	-2.306e+05	-9.933e+05
169	10	1.304e+06	5.039e+04	1.02	0.0	0.0	4149.98	-7550.58	295.96	-2.091e+04	-6.147e+04	1.304e+06
		-1.414e+06	-6.147e+04	0.41	0.0	360.0	4149.98	-7550.58	295.96	-2.091e+04	5.039e+04	-1.414e+06
169	11	1.807e+06	7.558e+04	1.42	0.0	0.0	4435.38	-1.049e+04	385.10	-3672.58	-6.390e+04	1.807e+06
		-1.969e+06	-6.390e+04	0.15	0.0	360.0	4435.38	-1.049e+04	385.10	-3672.58	7.558e+04	-1.969e+06
169	12	1.013e+06	2.349e+05	-0.68	0.0	0.0	2681.86	5347.19	-1234.04	-1.896e+04	2.349e+05	-9.119e+05
		-9.119e+05	-2.166e+05	1.34	0.0	360.0	2681.86	5347.19	-1234.04	-1.896e+04	-2.166e+05	-9.119e+05
169	13	6.181e+05	1.502e+05	0.42	0.0	0.0	3674.34	3271.71	-755.44	1.818e+04	1.502e+05	-5.600e+05
		-5.600e+05	-1.275e+05	1.06	0.0	360.0	3674.34	3271.71	-755.44	1.818e+04	-1.275e+05	-5.600e+05
169	14	9.780e+05	3.783e+04	0.77	0.0	0.0	3111.87	-5661.99	223.28	-1.568e+04	-4.667e+04	9.780e+05
		-1.061e+06	-4.667e+04	0.31	0.0	360.0	3111.87	-5661.99	223.28	-1.568e+04	3.783e+04	-1.061e+06
169	15	1.354e+06	5.660e+04	1.06	0.0	0.0	3322.10	-7855.99	288.42	-2753.24	-4.789e+04	1.354e+06
		-1.475e+06	-4.789e+04	0.11	0.0	360.0	3322.10	-7855.99	288.42	-2753.24	5.660e+04	-1.475e+06
169	16	7.605e+05	1.777e+05	-0.51	0.0	0.0	2011.72	4013.74	-928.98	-1.423e+04	1.777e+05	-6.846e+05
		-6.846e+05	-1.626e+05	1.01	0.0	360.0	2011.72	4013.74	-928.98	-1.423e+04	-1.626e+05	-6.846e+05
169	17	4.640e+05	1.138e+05	0.32	0.0	0.0	2756.91	2456.62	-569.06	1.364e+04	1.138e+05	-4.206e+05
		-4.206e+05	-9.573e+04	0.80	0.0	360.0	2756.91	2456.62	-569.06	1.364e+04	-9.573e+04	-4.206e+05
214	1	2.129e+04	1586.74	1.20e-03	0.0	0.0	-3556.14	-476.50	54.85	950.19	-3075.42	2.129e+04
		-1.922e+04	-3075.42	-1.03e-03	0.0	85.0	-3301.14	-476.50	54.85	950.19	1586.74	-1.922e+04
214	2	3.690e+04	-3196.20	1.70e-03	0.0	0.0	-1.179e+04	-191.57	-28.62	3870.92	-3196.20	3.690e+04
		2.062e+04	-5629.26	2.90e-03	0.0	85.0	-1.179e+04	-191.57	-28.62	3870.92	-5629.26	2.062e+04
214	3	726.28	-2369.60	4.93e-05	0.0	0.0	19.54	6.82	54.57	-36.91	-7008.13	146.45
		146.45	-7008.13	4.92e-04	0.0	85.0	19.54	6.82	54.57	-36.91	-2369.60	726.28
214	4	3469.15	-3236.21	1.41e-04	0.0	0.0	22.06	-45.94	82.56	-104.18	-1.025e+04	3469.15
		-435.94	-1.025e+04	8.11e-04	0.0	85.0	22.06	-45.94	82.56	-104.18	-3236.21	-435.94
214	5	1.510e+04	887.53	6.06e-04	0.0	0.0	78.63	-285.48	18.67	-229.64	-699.66	1.510e+04
		-9161.62	-699.66	-1.04e-04	0.0	85.0	78.63	-285.48	18.67	-229.64	887.53	-9161.62
214	6	-1.630e+05	1.210e+06	0.02	0.0	0.0	-2127.08	772.82	-7743.52	-6.268e+04	1.210e+06	-2.165e+05
		-2.165e+05	5.517e+05	-0.13	0.0	85.0	-2127.08	772.82	-7743.52	-6.268e+04	5.517e+05	-2.165e+05
214	7	-2.796e+05	1.521e+06	0.03	0.0	0.0	-2726.67	158.22	-1.000e+04	-5.789e+04	1.521e+06	-2.796e+05
		-2.824e+05	6.707e+05	-0.15	0.0	85.0	-2726.67	158.22	-1.000e+04	-5.789e+04	6.707e+05	-2.824e+05
214	8	-5.830e+05	-2.992e+05	0.06	0.0	0.0	-7729.82	-1064.68	4564.64	1.292e+04	-6.872e+05	-5.830e+05
		-6.654e+05	-6.872e+05	0.07	0.0	85.0	-7729.82	-1064.68	4564.64	1.292e+04	-2.992e+05	-6.654e+05

214	9-7.894e+05	-1.155e+05	0.09	0.0	0.0	-1.037e+04	-1058.34	1912.65	7852.36	-2.780e+05	-7.894e+05
	-8.568e+05	-2.780e+05	-9.15e-03	0.0	85.0	-1.037e+04	-1058.34	1912.65	7852.36	-1.155e+05	-8.568e+05
214	10-8.966e+04	6.478e+05	0.01	0.0	0.0	-1158.15	412.11	-4147.33	-3.345e+04	6.478e+05	-1.171e+05
	-1.171e+05	2.954e+05	-0.07	0.0	85.0	-1158.15	412.11	-4147.33	-3.345e+04	2.954e+05	-8.966e+04
214	11-1.488e+05	8.097e+05	0.02	0.0	0.0	-1455.95	96.51	-5323.71	-3.092e+04	8.097e+05	-1.488e+05
	-1.506e+05	3.572e+05	-0.08	0.0	85.0	-1455.95	96.51	-5323.71	-3.092e+04	3.572e+05	-1.506e+05
214	12-3.148e+05	-1.595e+05	0.03	0.0	0.0	-4172.84	-597.77	2434.48	7063.85	-3.664e+05	-3.148e+05
	-3.603e+05	-3.664e+05	0.04	0.0	85.0	-4172.84	-597.77	2434.48	7063.85	-1.595e+05	-3.603e+05
214	13-4.192e+05	-6.735e+04	0.05	0.0	0.0	-5517.51	-604.68	1114.46	4229.58	-1.620e+05	-4.192e+05
	-4.557e+05	-1.620e+05	-5.60e-03	0.0	85.0	-5517.51	-604.68	1114.46	4229.58	-6.735e+04	-4.557e+05
214	14-6.726e+04	4.858e+05	7.96e-03	0.0	0.0	-868.80	309.06	-3109.58	-2.510e+04	4.858e+05	-8.778e+04
	-8.778e+04	2.215e+05	-0.05	0.0	85.0	-868.80	309.06	-3109.58	-2.510e+04	2.215e+05	-6.726e+04
214	15-1.115e+05	6.064e+05	0.01	0.0	0.0	-1091.10	74.12	-3987.20	-2.317e+04	6.064e+05	-1.115e+05
	-1.128e+05	2.675e+05	-0.06	0.0	85.0	-1091.10	74.12	-3987.20	-2.317e+04	2.675e+05	-1.128e+05
214	16-2.361e+05	-1.197e+05	0.02	0.0	0.0	-3130.36	-451.58	1827.18	5309.55	-2.750e+05	-2.361e+05
	-2.703e+05	-2.750e+05	0.03	0.0	85.0	-3130.36	-451.58	1827.18	5309.55	-1.197e+05	-2.703e+05
214	17-3.145e+05	-5.057e+04	0.03	0.0	0.0	-4141.13	-463.93	836.99	3179.79	-1.217e+05	-3.145e+05
	-3.421e+05	-1.217e+05	-4.20e-03	0.0	85.0	-4141.13	-463.93	836.99	3179.79	-5.057e+04	-3.421e+05
215	1 2.008e+04	3542.63	1.12e-03	0.0	0.0	-3563.43	-446.16	-61.01	-902.28	3542.63	2.008e+04
	-1.785e+04	-1643.52	1.02e-03	0.0	85.0	-3308.43	-446.16	-61.01	-902.28	-1643.52	-1.785e+04
215	2 3.511e+04	3873.54	1.52e-03	0.0	0.0	-1.180e+04	-133.95	46.95	-3860.09	-117.12	3.511e+04
	2.372e+04	-117.12	-2.46e-03	0.0	85.0	-1.180e+04	-133.95	46.95	-3860.09	3873.54	2.372e+04
215	3 995.87	4744.25	4.37e-05	0.0	0.0	20.75	10.08	-39.11	88.37	4744.25	139.09
	139.09	1419.53	-2.67e-04	0.0	85.0	20.75	10.08	-39.11	88.37	1419.53	995.87
215	4 3410.78	6971.42	1.27e-04	0.0	0.0	23.86	-39.56	-60.06	165.94	6971.42	3410.78
	47.87	1866.17	-4.75e-04	0.0	85.0	23.86	-39.56	-60.06	165.94	1866.17	47.87
215	5 1.495e+04	748.02	5.90e-04	0.0	0.0	78.09	-280.98	-19.04	221.89	748.02	1.495e+04
	-8938.10	-870.69	1.01e-04	0.0	85.0	78.09	-280.98	-19.04	221.89	-870.69	-8938.10
215	6 1.978e+05	1.197e+06	-0.01	0.0	0.0	1859.93	-979.37	-7498.96	-6.947e+04	1.197e+06	1.978e+05
	1.364e+05	5.592e+05	-0.13	0.0	85.0	1859.93	-979.37	-7498.96	-6.947e+04	5.592e+05	1.364e+05
215	7 2.656e+05	1.493e+06	-0.04	0.0	0.0	2485.04	-268.52	-9519.05	-6.632e+04	1.493e+06	2.656e+05
	2.493e+05	6.834e+05	-0.15	0.0	85.0	2485.04	-268.52	-9519.05	-6.632e+04	6.834e+05	2.493e+05
215	8-7.923e+05	2.968e+05	0.09	0.0	0.0	-1.031e+04	-984.20	-1957.69	-7949.23	2.968e+05	-7.923e+05
	-8.548e+05	1.308e+05	0.02	0.0	85.0	-1.031e+04	-984.20	-1957.69	-7949.23	1.308e+05	-8.548e+05
215	9-6.144e+05	5.911e+05	0.06	0.0	0.0	-8117.29	-1185.73	-3801.35	-1.532e+04	5.911e+05	-6.144e+05
	-6.982e+05	2.680e+05	-0.06	0.0	85.0	-8117.29	-1185.73	-3801.35	-1.532e+04	2.680e+05	-6.982e+05
215	10 1.072e+05	6.407e+05	-7.33e-03	0.0	0.0	1017.23	-523.63	-4015.16	-3.707e+04	6.407e+05	1.072e+05
	7.578e+04	2.994e+05	-0.07	0.0	85.0	1017.23	-523.63	-4015.16	-3.707e+04	2.994e+05	7.578e+04
215	11 1.414e+05	7.947e+05	-0.02	0.0	0.0	1327.15	-150.28	-5067.34	-3.540e+04	7.947e+05	1.414e+05
	1.330e+05	3.640e+05	-0.08	0.0	85.0	1327.15	-150.28	-5067.34	-3.540e+04	3.640e+05	1.330e+05
215	12-4.210e+05	1.730e+05	0.05	0.0	0.0	-5490.37	-565.21	-1142.15	-4252.76	1.730e+05	-4.210e+05
	-4.549e+05	7.611e+04	0.01	0.0	85.0	-5490.37	-565.21	-1142.15	-4252.76	7.611e+04	-4.549e+05
215	13-3.302e+05	3.146e+05	0.03	0.0	0.0	-4365.40	-672.68	-2023.68	-8195.77	3.146e+05	-3.302e+05
	-3.764e+05	1.427e+05	-0.03	0.0	85.0	-4365.40	-672.68	-2023.68	-8195.77	1.427e+05	-3.764e+05
215	14 8.039e+04	4.804e+05	-5.50e-03	0.0	0.0	763.32	-393.06	-3010.48	-2.781e+04	4.804e+05	8.039e+04
	5.688e+04	2.245e+05	-0.05	0.0	85.0	763.32	-393.06	-3010.48	-2.781e+04	2.245e+05	5.688e+04
215	15 1.059e+05	5.952e+05	-0.02	0.0	0.0	994.75	-113.81	-3795.12	-2.653e+04	5.952e+05	1.059e+05
	9.963e+04	2.726e+05	-0.06	0.0	85.0	994.75	-113.81	-3795.12	-2.653e+04	2.726e+05	9.963e+04
215	16-3.158e+05	1.298e+05	0.03	0.0	0.0	-4119.94	-433.67	-857.02	-3193.57	1.298e+05	-3.158e+05
	-3.414e+05	5.712e+04	8.41e-03	0.0	85.0	-4119.94	-433.67	-857.02	-3193.57	5.712e+04	-3.414e+05
215	17-2.477e+05	2.362e+05	0.03	0.0	0.0	-3276.12	-512.53	-1518.94	-6153.33	2.362e+05	-2.477e+05
	-2.826e+05	1.071e+05	-0.03	0.0	85.0	-3276.12	-512.53	-1518.94	-6153.33	1.071e+05	-2.826e+05
218	1 4818.35	1.98	1.37e-03	0.0	0.0	-1805.11	-54.96	2.62	243.96	-414.97	4818.35
	-3913.36	-414.97	-2.32e-03	0.0	158.9	-1447.63	-54.96	2.62	243.96	1.98	-3913.36
218	2 3.732e+04	1.220e+04	4.96e-03	0.0	0.0	-6881.62	-390.08	-126.13	911.50	1.220e+04	3.732e+04
	-2.465e+04	-7838.93	-2.26e-03	0.0	158.9	-6881.62	-390.08	-126.13	911.50	-7838.93	-2.465e+04
218	3 42.02	5093.14	1.60e-04	0.0	0.0	14.97	1.01	-36.90	-57.67	5093.14	-118.26
	-118.26	-769.17	-3.58e-04	0.0	158.9	14.97	1.01	-36.90	-57.67	-769.17	42.02
218	4 2630.58	7528.51	5.09e-04	0.0	0.0	3.39	-31.56	-51.39	-344.47	7528.51	2630.58
	-2383.55	-637.07	-5.84e-04	0.0	158.9	3.39	-31.56	-51.39	-344.47	-637.07	-2383.55
218	5 5151.59	552.02	9.30e-04	0.0	0.0	-6.11	-64.32	-8.94	-367.44	552.02	5151.59
	-5066.98	-868.39	-8.97e-04	0.0	158.9	-6.11	-64.32	-8.94	-367.44	-868.39	-5066.98
218	6 2.046e+05	1.028e+06	-0.04	0.0	0.0	3540.12	-975.40	-7073.78	-8579.79	1.028e+06	2.046e+05
	6.078e+04	-9.634e+04	-0.11	0.0	158.9	3540.12	-975.40	-7073.78	-8579.79	-9.634e+04	6.078e+04
218	7 8.710e+04	1.387e+06	-0.03	0.0	0.0	1399.76	-172.20	-9595.15	-5676.95	1.387e+06	8.710e+04
	6.572e+04	-1.373e+05	-0.14	0.0	158.9	1399.76	-172.20	-9595.15	-5676.95	-1.373e+05	6.572e+04
218	8-3.759e+04	3.777e+05	0.06	0.0	0.0	-6688.24	2289.85	-2644.89	-1.179e+04	3.777e+05	-3.759e+04
	-3.954e+05	-4.348e+04	0.03	0.0	158.9	-6688.24	2289.85	-2644.89	-1.179e+04	-4.348e+04	-3.954e+05
218	9-2.265e+04	6.507e+05	0.07	0.0	0.0	-1.031e+04	3536.53	-4479.00	-7717.50	6.507e+05	-2.265e+04
	-5.820e+05	-6.117e+04	-0.06	0.0	158.9	-1.031e+04	3536.53	-4479.00	-7717.50	-6.117e+04	-5.820e+05
218	10 1.100e+05	5.528e+05	-0.02	0.0	0.0	1908.78	-531.59	-3806.26	-4582.77	5.528e+05	1.100e+05
	3.263e+04	-5.194e+04	-0.06	0.0	158.9	1908.78	-531.59	-3806.26	-4582.77	-5.194e+04	3.263e+04
218	11 4.637e+04	7.387e+05	-0.02	0.0	0.0	746.17	-94.99	-5109.41	-3028.17	7.387e+05	4.637e+04
	3.510e+04	-7.312e+04	-0.08	0.0	158.9	746.17	-94.99	-5109.41	-3028.17	-7.312e+04	3.510e+04
218	12-1.996e+04	2.183e+05	0.03	0.0	0.0	-3662.34	1258.74	-1526.87	-6271.22	2.183e+05	-1.996e+04
	-2.162e+05	-2.473e+04	0.01	0.0	158.9	-3662.34	1258.74	-1526.87	-6271.22	-2.473e+04	-2.162e+05

218	13	-1.240e+04	3.479e+05	0.04	0.0	0.0	-5474.61	1876.15	-2395.83	-4257.59	3.479e+05	-3.088e+05
		-3.088e+05	-3.289e+04	-0.03	0.0	158.9	-5474.61	1876.15	-2395.83	-4257.59	-3.289e+04	-1.240e+04
218	14	8.247e+04	4.145e+05	-0.02	0.0	0.0	1431.91	-398.63	-2854.04	-3436.63	4.145e+05	8.247e+04
		2.449e+04	3.894e+04	-0.04	0.0	158.9	1431.91	-398.63	-2854.04	-3436.63	-3.894e+04	2.449e+04
218	15	3.473e+04	5.533e+05	-0.01	0.0	0.0	559.03	-71.63	-3826.91	-2268.73	5.533e+05	3.473e+04
		2.631e+04	-5.477e+04	-0.06	0.0	158.9	559.03	-71.63	-3826.91	-2268.73	-5.477e+04	2.631e+04
218	16	-1.498e+04	1.639e+05	0.02	0.0	0.0	-2747.52	944.31	-1146.44	-4706.60	1.639e+05	-1.622e+05
		-1.622e+05	-1.857e+04	0.01	0.0	158.9	-2747.52	944.31	-1146.44	-4706.60	-1.857e+04	-1.498e+04
218	17	-9319.96	2.611e+05	0.03	0.0	0.0	-4108.65	1407.71	-1798.13	-3203.14	2.611e+05	-2.317e+05
		-2.317e+05	-2.469e+04	-0.02	0.0	158.9	-4108.65	1407.71	-1798.13	-3203.14	-2.469e+04	-9319.96
219	1	4838.72	686.78	1.36e-03	0.0	0.0	-1804.23	-55.03	-4.42	-236.65	686.78	4838.72
		-3903.77	-15.84	2.31e-03	0.0	158.9	-1446.75	-55.03	-4.42	-236.65	-15.84	-3903.77
219	2	3.951e+04	8273.18	5.06e-03	0.0	0.0	-6860.11	-411.01	139.52	-976.21	-1.389e+04	3.951e+04
		-2.579e+04	-1.389e+04	2.52e-03	0.0	158.9	-6860.11	-411.01	139.52	-976.21	8273.18	-2.579e+04
219	3	787.20	1035.04	2.19e-04	0.0	0.0	21.89	-7.84	47.44	37.94	-6502.11	787.20
		-458.76	-6502.11	4.95e-04	0.0	158.9	21.89	-7.84	47.44	37.94	1035.04	-458.76
219	4	3983.69	1023.51	5.97e-04	0.0	0.0	13.68	-44.80	66.55	314.99	-9549.47	3983.69
		-3133.72	-9549.47	7.92e-04	0.0	158.9	13.68	-44.80	66.55	314.99	1023.51	-3133.72
219	5	5162.73	866.69	9.15e-04	0.0	0.0	-5.42	-64.27	8.63	370.48	-504.04	5162.73
		-5047.72	-504.04	8.90e-04	0.0	158.9	-5.42	-64.27	8.63	370.48	866.69	-5047.72
219	6	-6.475e+04	1.004e+06	0.05	0.0	0.0	-3984.41	1117.87	-6915.89	-8304.27	1.004e+06	-2.306e+05
		-2.306e+05	-9.485e+04	-0.11	0.0	158.9	-3984.41	1117.87	-6915.89	-8304.27	-9.485e+04	-6.475e+04
219	7	-7.143e+04	1.360e+06	0.03	0.0	0.0	-1780.80	230.74	-9407.92	-5512.64	1.360e+06	-1.044e+05
		-1.044e+05	-1.350e+05	-0.14	0.0	158.9	-1780.80	230.74	-9407.92	-5512.64	-1.350e+05	-7.143e+04
219	8	-1.973e+04	7.012e+04	0.07	0.0	0.0	-1.028e+04	3592.91	5036.51	7657.94	-7.303e+05	-5.847e+05
		-5.847e+05	-7.303e+05	0.07	0.0	158.9	-1.028e+04	3592.91	5036.51	7657.94	7.012e+04	-1.973e+04
219	9	-3.725e+04	3.384e+04	0.06	0.0	0.0	-6980.45	2393.46	2114.42	1.205e+04	-3.034e+05	-4.124e+05
		-4.124e+05	-3.034e+05	-0.02	0.0	158.9	-6980.45	2393.46	2114.42	1.205e+04	3.384e+04	-3.725e+04
219	10	-3.479e+04	5.402e+05	0.03	0.0	0.0	-2143.26	606.57	-3721.40	-4436.37	5.402e+05	-1.237e+05
		-1.237e+05	-5.402e+05	-0.06	0.0	158.9	-2143.26	606.57	-3721.40	-4436.37	-5.402e+05	-1.237e+05
219	11	-3.817e+04	7.241e+05	0.02	0.0	0.0	-949.24	124.75	-5009.60	-2940.15	7.241e+05	-5.553e+04
		-5.553e+04	-7.185e+04	-0.07	0.0	158.9	-949.24	124.75	-5009.60	-2940.15	-7.185e+04	-3.817e+04
219	12	-1.107e+04	3.776e+04	0.04	0.0	0.0	-5464.38	1907.28	2698.75	4229.67	-3.912e+05	-3.105e+05
		-3.105e+05	-3.912e+05	0.04	0.0	158.9	-5464.38	1907.28	2698.75	4229.67	3.776e+04	-1.107e+04
219	13	-1.979e+04	1.950e+04	0.03	0.0	0.0	-3790.89	1304.55	1236.29	6393.04	-1.776e+05	-2.238e+05
		-2.238e+05	-1.776e+05	-0.01	0.0	158.9	-3790.89	1304.55	1236.29	6393.04	1.950e+04	-1.979e+04
219	14	-2.611e+04	4.050e+05	0.02	0.0	0.0	-1607.80	454.85	-2790.43	-3327.26	4.050e+05	-9.279e+04
		-9.279e+04	-3.834e+04	-0.04	0.0	158.9	-1607.80	454.85	-2790.43	-3327.26	-3.834e+04	-2.611e+04
219	15	-2.861e+04	5.423e+05	0.01	0.0	0.0	-711.03	93.70	-3752.18	-2202.85	5.423e+05	-4.158e+04
		-4.158e+04	-5.381e+04	-0.06	0.0	158.9	-711.03	93.70	-3752.18	-2202.85	-5.381e+04	-2.861e+04
219	16	-8317.06	2.834e+04	0.03	0.0	0.0	-4100.38	1430.84	2025.50	3174.74	-2.936e+05	-2.329e+05
		-2.329e+05	-2.936e+05	0.03	0.0	158.9	-4100.38	1430.84	2025.50	3174.74	2.834e+04	-8317.06
219	17	-1.485e+04	1.464e+04	0.02	0.0	0.0	-2844.85	978.87	928.23	4797.59	-1.333e+05	-1.679e+05
		-1.679e+05	-1.333e+05	-8.41e-03	0.0	158.9	-2844.85	978.87	928.23	4797.59	1.464e+04	-1.485e+04
228	1	8.991e+04	1.416e+05	-3.24e-03	0.0	0.0	-6803.46	603.58	915.99	-6085.93	-3.248e+04	-2.477e+04
		-2.477e+04	-3.248e+04	-9.03e-03	0.0	190.0	-6233.46	603.58	915.99	-6085.93	1.416e+05	8.991e+04
228	2	1.074e+05	4.093e+04	-5.25e-03	0.0	0.0	-1.616e+04	544.35	495.32	-2535.00	-5.318e+04	-3985.10
		3985.10	-5.318e+04	5.92e-03	0.0	190.0	-1.616e+04	544.35	495.32	-2535.00	4.093e+04	1.074e+05
228	3	9372.19	2524.86	-3.29e-04	0.0	0.0	89.88	-56.49	-15.77	66.53	2524.86	9372.19
		-1361.56	-471.22	-1.93e-04	0.0	190.0	89.88	-56.49	-15.77	66.53	-471.22	-1361.56
228	4	1.541e+04	1793.51	-6.39e-04	0.0	0.0	-264.13	-63.60	21.13	-66.00	-2221.73	1.541e+04
		3328.73	-2221.73	9.19e-05	0.0	190.0	-264.13	-63.60	21.13	-66.00	1793.51	3328.73
228	5	4534.45	3181.18	6.19e-04	0.0	0.0	162.89	99.23	-5.35	-863.92	3181.18	-1.432e+04
		-1.432e+04	2164.39	-5.21e-04	0.0	190.0	162.89	99.23	-5.35	-863.92	2164.39	4534.45
228	6	1.975e+05	2.271e+05	0.04	0.0	0.0	-4063.02	5672.19	9926.39	-2.727e+04	-1.659e+06	-8.839e+05
		-8.839e+05	-1.659e+06	0.16	0.0	190.0	-4063.02	5672.19	9926.39	-2.727e+04	2.271e+05	1.975e+05
228	7	1.062e+05	2.200e+05	0.16	0.0	0.0	-5434.63	5170.90	9054.76	-1.371e+04	-1.500e+06	-8.765e+05
		-8.765e+05	-1.500e+06	0.13	0.0	190.0	-5434.63	5170.90	9054.76	-1.371e+04	2.200e+05	1.062e+05
228	8	1.586e+06	2.321e+05	-0.13	0.0	0.0	1.523e+04	-7946.90	-1619.44	-1.983e+04	2.321e+05	1.586e+06
		9.495e+04	-1.183e+05	0.05	0.0	190.0	1.523e+04	-7946.90	-1619.44	-1.983e+04	-1.183e+05	9.495e+04
228	9	1.498e+06	3.221e+05	-0.13	0.0	0.0	1.401e+04	-7560.46	-2373.51	1.495e+04	3.221e+05	1.498e+06
		8.085e+04	-1.370e+05	-0.01	0.0	190.0	1.401e+04	-7560.46	-2373.51	1.495e+04	-1.370e+05	8.085e+04
228	10	1.053e+05	1.210e+05	0.02	0.0	0.0	-2178.32	3022.79	5287.41	-1.496e+04	-8.838e+05	-4.713e+05
		-4.713e+05	-8.838e+05	0.09	0.0	190.0	-2178.32	3022.79	5287.41	-1.496e+04	1.210e+05	1.053e+05
228	11	5.650e+04	1.171e+05	0.09	0.0	0.0	-2891.10	2752.95	4820.60	-7522.91	-7.988e+05	-4.667e+05
		-4.667e+05	-7.988e+05	0.07	0.0	190.0	-2891.10	2752.95	4820.60	-7522.91	1.171e+05	5.650e+04
228	12	8.468e+05	1.325e+05	-0.07	0.0	0.0	8124.39	-4247.33	-914.97	-1.083e+04	1.325e+05	8.468e+05
		5.202e+04	-6.383e+04	0.03	0.0	190.0	8124.39	-4247.33	-914.97	-1.083e+04	-6.383e+04	5.202e+04
228	13	7.996e+05	1.724e+05	-0.07	0.0	0.0	7505.53	-4029.05	-1264.41	8276.55	-1.724e+05	-7.996e+05
		4.603e+04	-7.305e+04	-7.53e-03	0.0	190.0	7505.53	-4029.05	-1264.41	8276.55	-7.305e+04	4.603e+04
228	14	7.895e+04	9.071e+04	0.02	0.0	0.0	-1633.85	2266.73	3964.74	-1.124e+04	-6.627e+05	-3.534e+05
		-3.534e+05	-6.627e+05	0.07	0.0	190.0	-1633.85	2266.73	3964.74	-1.124e+04	9.071e+04	7.895e+04
228	15	4.231e+04	8.770e+04	0.06	0.0	0.0	-2165.12	2061.89	3610.34	-5676.98	-5.983e+05	-3.496e+05
		-3.496e+05	-5.983e+05	0.05	0.0	190.0	-2165.12	2061.89	3610.34	-5676.98	8.770e+04	4.231e+04
228	16	6.352e+05	9.941e+04	-0.05	0.0	0.0	6097.34	-3185.97	-686.54	-8133.36	9.941e+04	6.352e+05
		3.932e+04	-4.792e+04	0.02	0.0	190.0	6097.34	-3185.97	-686.54	-8133.36	-4.792e+04	3.932e+04

228	17	6.000e+05	1.294e+05	-0.05	0.0	0.0	5633.44	-3022.75	-949.41	6213.20	1.294e+05	6.000e+05
		3.479e+04	-5.486e+04	-5.66e-03	0.0	190.0	5633.44	-3022.75	-949.41	6213.20	-5.486e+04	3.479e+04
229	1	-568.45	4.551e+04	-9.13e-04	0.0	0.0	-6921.14	-142.79	-1077.58	6297.00	4.551e+04	-568.45
		-2.770e+04	-1.592e+05	0.01	0.0	190.0	-6351.14	-142.79	-1077.58	6297.00	-1.592e+05	-2.770e+04
229	2	8.020e+04	7.494e+04	-6.75e-03	0.0	0.0	-1.705e+04	352.48	-866.22	3296.71	7.494e+04	1.323e+04
		1.323e+04	-8.964e+04	-2.56e-03	0.0	190.0	-1.705e+04	352.48	-866.22	3296.71	-8.964e+04	8.020e+04
229	3	1707.02	5140.55	1.02e-04	0.0	0.0	1.51	-11.45	-33.60	24.81	5140.55	1707.02
		-469.40	-1243.11	-3.52e-04	0.0	190.0	1.51	-11.45	-33.60	24.81	-1243.11	-469.40
229	4	6805.65	1.207e+04	3.41e-04	0.0	0.0	-427.43	-18.70	-96.15	192.85	1.207e+04	6805.65
		3252.67	-6201.08	-6.74e-04	0.0	190.0	-427.43	-18.70	-96.15	192.85	-6201.08	3252.67
229	5	3791.83	7192.07	6.56e-04	0.0	0.0	54.84	100.33	-66.88	665.42	7192.07	-1.527e+04
		-1.527e+04	-5516.06	-2.53e-04	0.0	190.0	54.84	100.33	-66.88	665.42	-5516.06	3791.83
229	6	1.705e+04	3.124e+05	0.06	0.0	0.0	2759.30	4566.85	1.172e+04	-1.789e+04	-1.915e+06	-8.733e+05
		-8.733e+05	-1.915e+06	0.18	0.0	190.0	2759.30	4566.85	1.172e+04	-1.789e+04	3.124e+05	1.705e+04
229	7	6.231e+04	2.559e+05	0.04	0.0	0.0	3895.16	4026.15	1.032e+04	-3956.75	-1.704e+06	-7.032e+05
		-7.032e+05	-1.704e+06	0.17	0.0	190.0	3895.16	4026.15	1.032e+04	-3956.75	2.559e+05	6.231e+04
229	8	1.205e+06	5.393e+04	-0.11	0.0	0.0	1.281e+04	-5707.15	2236.13	-1.709e+04	-3.740e+05	1.205e+06
		1.218e+05	-3.740e+05	0.05	0.0	190.0	1.281e+04	-5707.15	2236.13	-1.709e+04	5.393e+04	1.218e+05
229	9	1.586e+06	3.708e+04	-0.14	0.0	0.0	1.482e+04	-7742.10	1170.68	1.769e+04	-1.897e+05	1.586e+06
		1.183e+05	-1.897e+05	0.02	0.0	190.0	1.482e+04	-7742.10	1170.68	1.769e+04	3.708e+04	1.183e+05
229	10	9937.22	1.664e+05	0.03	0.0	0.0	1498.37	2433.80	6243.37	-9952.68	-1.020e+06	-4.655e+05
		-4.655e+05	-1.020e+06	0.10	0.0	190.0	1498.37	2433.80	6243.37	-9952.68	1.664e+05	9937.22
229	11	3.326e+04	1.362e+05	0.02	0.0	0.0	2074.79	2143.43	5491.42	-2318.62	-9.072e+05	-3.743e+05
		-3.743e+05	-9.072e+05	0.09	0.0	190.0	2074.79	2143.43	5491.42	-2318.62	1.362e+05	3.326e+04
229	12	6.515e+05	3.006e+04	-0.06	0.0	0.0	6880.94	-3084.82	1213.20	-9491.25	-2.022e+05	6.515e+05
		6.641e+04	-2.022e+05	0.03	0.0	190.0	6880.94	-3084.82	1213.20	-9491.25	3.006e+04	6.641e+04
229	13	8.424e+05	2.123e+04	-0.08	0.0	0.0	7902.54	-4111.76	683.36	9599.60	-1.108e+05	8.424e+05
		6.369e+04	-1.108e+05	9.00e-03	0.0	190.0	7902.54	-4111.76	683.36	9599.60	2.123e+04	6.369e+04
229	14	7484.69	1.247e+05	0.02	0.0	0.0	1125.82	1825.09	4681.39	-7465.59	-7.647e+05	-3.491e+05
		-3.491e+05	-7.647e+05	0.07	0.0	190.0	1125.82	1825.09	4681.39	-7465.59	1.247e+05	7484.69
229	15	2.493e+04	1.020e+05	0.01	0.0	0.0	1554.09	1605.34	4112.58	-1773.69	-6.794e+05	-2.804e+05
		-2.804e+05	-6.794e+05	0.07	0.0	190.0	1554.09	1605.34	4112.58	-1773.69	1.020e+05	2.493e+04
229	16	4.888e+05	2.255e+04	-0.04	0.0	0.0	5162.61	-2314.09	910.26	-7121.60	-1.517e+05	4.888e+05
		4.987e+04	-1.517e+05	0.02	0.0	190.0	5162.61	-2314.09	910.26	-7121.60	2.255e+04	4.987e+04
229	17	6.321e+05	1.597e+04	-0.06	0.0	0.0	5932.48	-3084.94	513.25	7207.42	-8.322e+04	6.321e+05
		4.800e+04	-8.322e+04	6.76e-03	0.0	190.0	5932.48	-3084.94	513.25	7207.42	1.597e+04	4.800e+04
230	1	-1.459e+04	6.189e+04	1.83e-03	0.0	0.0	-8883.32	19.90	-510.52	1435.87	6.189e+04	-1.837e+04
		-1.837e+04	-3.511e+04	-4.92e-03	0.0	190.0	-8883.32	19.90	-510.52	1435.87	-3.511e+04	-1.459e+04
230	2	-6.715e+04	1.894e+05	0.01	0.0	0.0	-2.363e+04	90.12	-1165.87	-8490.86	1.894e+05	-8.428e+04
		-8.428e+04	-3.216e+04	-0.01	0.0	190.0	-2.363e+04	90.12	-1165.87	-8490.86	-3.216e+04	-6.715e+04
230	3	94.57	901.31	-7.66e-05	0.0	0.0	-2.04	0.62	23.33	112.12	-3530.49	-23.53
		-23.53	-3530.49	2.06e-04	0.0	190.0	-2.04	0.62	23.33	112.12	901.31	94.57
230	4	-4660.92	1.504e+04	4.03e-04	0.0	0.0	-1240.57	-9.43	-98.06	-377.85	1.504e+04	-4660.92
		-6453.29	-3587.91	-1.08e-03	0.0	190.0	-1240.57	-9.43	-98.06	-377.85	-3587.91	-6453.29
230	5	1.119e+04	9.128e+04	1.10e-03	0.0	0.0	7.66	231.12	-594.17	-2500.19	9.128e+04	-3.273e+04
		-3.273e+04	-2.162e+04	-6.64e-03	0.0	190.0	7.66	231.12	-594.17	-2500.19	-2.162e+04	1.119e+04
230	6	1.281e+05	4.957e+05	-0.02	0.0	0.0	-4221.23	561.84	-2491.58	-1.331e+04	4.957e+05	1.281e+05
		7.581e+04	2.780e+04	-0.11	0.0	190.0	-4221.23	561.84	-2491.58	-1.331e+04	2.780e+04	7.581e+04
230	7	4.491e+04	4.477e+05	0.02	0.0	0.0	-2574.33	309.20	-2097.15	-1950.03	4.477e+05	4.491e+04
		1.983e+04	5.028e+04	-0.12	0.0	190.0	-2574.33	309.20	-2097.15	-1950.03	5.028e+04	1.983e+04
230	8	8.978e+04	7.136e+04	0.13	0.0	0.0	6545.73	8103.62	-542.58	-1.426e+04	7.136e+04	-1.455e+06
		-1.455e+06	-3.831e+04	-5.90e-03	0.0	190.0	6545.73	8103.62	-542.58	-1.426e+04	-3.831e+04	8.978e+04
230	9	1.352e+05	-1.912e+04	0.15	0.0	0.0	1.138e+04	1.015e+04	341.96	1.252e+04	-4.672e+04	-1.796e+06
		-1.796e+06	-4.672e+04	6.59e-03	0.0	190.0	1.138e+04	1.015e+04	341.96	1.252e+04	-1.912e+04	1.352e+05
230	10	7.210e+04	2.639e+05	-0.01	0.0	0.0	-2289.06	324.71	-1326.21	-7214.02	2.639e+05	7.210e+04
		4.067e+04	1.539e+04	-0.06	0.0	190.0	-2289.06	324.71	-1326.21	-7214.02	1.539e+04	4.067e+04
230	11	2.449e+04	2.382e+05	8.26e-03	0.0	0.0	-1409.88	172.97	-1115.54	-1128.41	2.382e+05	2.449e+04
		1.174e+04	2.696e+04	-0.06	0.0	190.0	-1409.88	172.97	-1115.54	-1128.41	2.696e+04	1.174e+04
230	12	4.780e+04	3.918e+04	0.07	0.0	0.0	3705.17	4351.98	-296.49	-7872.77	3.918e+04	-7.824e+05
		-7.824e+05	-2.062e+04	-3.16e-03	0.0	190.0	3705.17	4351.98	-296.49	-7872.77	-2.062e+04	4.780e+04
230	13	7.262e+04	-1.098e+04	0.08	0.0	0.0	6139.93	5398.80	195.05	6865.93	-2.655e+04	-9.555e+05
		-9.555e+05	-2.655e+04	3.61e-03	0.0	190.0	6139.93	5398.80	195.05	6865.93	-1.098e+04	7.262e+04
230	14	5.411e+04	1.979e+05	-7.97e-03	0.0	0.0	-1717.58	244.09	-994.30	-5409.51	1.979e+05	5.411e+04
		3.054e+04	1.157e+04	-0.04	0.0	190.0	-1717.58	244.09	-994.30	-5409.51	1.157e+04	3.054e+04
230	15	1.844e+04	1.784e+05	6.19e-03	0.0	0.0	-1062.31	130.85	-835.31	-858.19	1.784e+05	1.844e+04
		8975.66	2.022e+04	-0.05	0.0	190.0	-1062.31	130.85	-835.31	-858.19	2.022e+04	8975.66
230	16	3.588e+04	2.941e+04	0.05	0.0	0.0	2793.50	3264.59	-222.60	-5907.75	2.941e+04	-5.869e+05
		-5.869e+05	-1.548e+04	-2.37e-03	0.0	190.0	2793.50	3264.59	-222.60	-5907.75	-1.548e+04	3.588e+04
230	17	5.454e+04	-8253.02	0.06	0.0	0.0	4625.17	4051.05	146.81	5153.95	-2.000e+04	-7.170e+05
		-7.170e+05	-2.000e+04	2.72e-03	0.0	190.0	4625.17	4051.05	146.81	5153.95	-8253.02	5.454e+04
231	1	-1.037e+04	3.731e+04	1.43e-03	0.0	0.0	-8838.89	67.92	551.53	-1218.35	-6.748e+04	-2.327e+04
		-2.327e+04	-6.748e+04	4.77e-03	0.0	190.0	-8838.89	67.92	551.53	-1218.35	3.731e+04	-1.037e+04
231	2	-6.010e+04	4.189e+04	8.32e-03	0.0	0.0	-2.333e+04	105.00	1341.66	9369.23	-2.130e+05	-8.005e+04
		-8.005e+04	-2.130e+05	0.01	0.0	190.0	-2.333e+04	105.00	1341.66	9369.23	4.189e+04	-6.010e+04
231	3	5240.97	1173.15	-2.61e-04	0.0	0.0	97.23	-35.01	21.06	147.05	-2828.06	5240.97
		-1411.88	-2828.06	-3.67e-04	0.0	190.0	97.23	-35.01	21.06	147.05	1173.15	-1411.88

231	4	2972.95	7043.63	-4.19e-04	0.0	0.0	-1091.96	-59.46	170.74	809.73	-2.540e+04	2972.95
		-8324.11	-2.540e+04	1.46e-03	0.0	190.0	-1091.96	-59.46	170.74	809.73	7043.63	-8324.11
231	5	1.199e+04	2.319e+04	1.07e-03	0.0	0.0	1.60	238.61	632.97	2798.58	-9.708e+04	-3.335e+04
		-3.335e+04	-9.708e+04	7.03e-03	0.0	190.0	1.60	238.61	632.97	2798.58	2.319e+04	1.199e+04
231	6	-1.169e+04	2.431e+05	0.02	0.0	0.0	4412.86	1291.10	-1109.20	9266.09	2.431e+05	-2.493e+05
		-2.493e+05	7.750e+04	-0.09	0.0	190.0	4412.86	1291.10	-1109.20	9266.09	7.750e+04	-1.169e+04
231	7	5.187e+04	2.047e+05	3.37e-03	0.0	0.0	2594.00	806.67	-808.07	1.033e+04	2.047e+05	-1.033e+05
		-1.033e+05	9.717e+04	-0.10	0.0	190.0	2594.00	806.67	-808.07	1.033e+04	9.717e+04	5.187e+04
231	8	1.433e+05	4.171e+04	0.15	0.0	0.0	1.141e+04	1.006e+04	-336.59	-1.468e+04	4.171e+04	-1.770e+06
		-1.770e+06	-2.666e+04	-4.66e-03	0.0	190.0	1.141e+04	1.006e+04	-336.59	-1.468e+04	-2.666e+04	1.433e+05
231	9	9.998e+04	2.890e+04	0.13	0.0	0.0	6558.75	8433.36	414.61	1.194e+04	-5.015e+04	-1.505e+06
		-1.505e+06	-5.015e+04	-4.30e-03	0.0	190.0	6558.75	8433.36	414.61	1.194e+04	2.890e+04	9.998e+04
231	10	-6824.61	1.340e+05	9.72e-03	0.0	0.0	2391.77	697.22	-633.07	5460.81	1.340e+05	-1.347e+05
		-1.347e+05	4.239e+04	-0.05	0.0	190.0	2391.77	697.22	-633.07	5460.81	4.239e+04	-6824.61
231	11	2.773e+04	1.130e+05	1.79e-03	0.0	0.0	1415.52	429.56	-471.53	5740.11	1.130e+05	-5.496e+04
		-5.496e+04	5.227e+04	-0.05	0.0	190.0	1415.52	429.56	-471.53	5740.11	5.227e+04	2.773e+04
231	12	7.694e+04	2.384e+04	0.08	0.0	0.0	6176.45	5354.56	-191.38	-8041.45	2.384e+04	-9.423e+05
		-9.423e+05	-4.194e+04	-2.28e-03	0.0	190.0	6176.45	5354.56	-191.38	-8041.45	-4.194e+04	7.694e+04
231	13	5.322e+04	1.560e+04	0.07	0.0	0.0	3672.98	4518.93	223.70	6578.97	-2.706e+04	-8.073e+05
		-8.073e+05	-2.706e+04	-2.22e-03	0.0	190.0	3672.98	4518.93	223.70	6578.97	1.560e+04	5.322e+04
231	14	-5221.67	1.013e+05	7.29e-03	0.0	0.0	1795.06	523.03	-481.95	4151.30	1.013e+05	-1.011e+05
		-1.011e+05	3.194e+04	-0.03	0.0	190.0	1795.06	523.03	-481.95	4151.30	3.194e+04	-5221.67
231	15	2.079e+04	8.537e+04	1.33e-03	0.0	0.0	1065.71	321.68	-360.24	4338.58	8.537e+04	-4.116e+04
		-4.116e+04	3.923e+04	-0.04	0.0	190.0	1065.71	321.68	-360.24	4338.58	3.923e+04	2.079e+04
231	16	5.777e+04	1.798e+04	0.06	0.0	0.0	4654.29	4017.27	-144.19	-6035.94	1.798e+04	-7.069e+05
		-7.069e+05	-1.111e+04	-1.70e-03	0.0	190.0	4654.29	4017.27	-144.19	-6035.94	-1.111e+04	5.777e+04
231	17	3.995e+04	1.171e+04	0.05	0.0	0.0	2769.43	3390.75	167.97	4937.33	-2.032e+04	-6.058e+05
		-6.058e+05	-2.032e+04	-1.67e-03	0.0	190.0	2769.43	3390.75	167.97	4937.33	1.171e+04	3.995e+04
232	1	5.535e+04	6.404e+04	4.68e-03	0.0	0.0	-9398.44	-381.01	-584.03	-2440.12	6.404e+04	5.535e+04
		-1.704e+04	-4.692e+04	-5.97e-03	0.0	190.0	-9398.44	-381.01	-584.03	-2440.12	-4.692e+04	-1.704e+04
232	2	2.020e+05	2.042e+05	7.45e-03	0.0	0.0	-2.451e+04	-1136.12	-1241.08	5963.55	2.042e+05	2.020e+05
		-1.382e+04	-3.164e+04	-0.01	0.0	190.0	-2.451e+04	-1136.12	-1241.08	5963.55	-3.164e+04	-1.382e+04
232	3	172.39	493.45	7.40e-05	0.0	0.0	3.92	8.25	15.75	-77.74	-2498.34	-1395.83
		-1395.83	-2498.34	1.84e-04	0.0	190.0	3.92	8.25	15.75	-77.74	493.45	172.39
232	4	7893.25	1.777e+04	-3.58e-04	0.0	0.0	-1195.27	28.35	-116.45	331.25	1.777e+04	2507.52
		2507.52	-4358.46	-1.22e-03	0.0	190.0	-1195.27	28.35	-116.45	331.25	-4358.46	7893.25
232	5	2.967e+04	9.525e+04	-1.03e-03	0.0	0.0	76.66	-203.00	-615.34	2004.16	9.525e+04	2.967e+04
		-8896.53	-2.167e+04	-7.07e-03	0.0	190.0	76.66	-203.00	-615.34	2004.16	-2.167e+04	-8896.53
232	6	1.401e+05	2.817e+05	-0.02	0.0	0.0	-3019.25	-845.81	-586.38	7548.08	2.817e+05	1.401e+05
		-3.843e+04	1.782e+05	-0.16	0.0	190.0	-3019.25	-845.81	-586.38	7548.08	1.782e+05	-3.843e+04
232	7	5.446e+04	3.096e+05	8.13e-03	0.0	0.0	-3449.09	-341.84	-595.58	7403.94	3.096e+05	-5.446e+04
		-8.489e+04	2.025e+05	-0.17	0.0	190.0	-3449.09	-341.84	-595.58	7403.94	2.025e+05	-8.489e+04
232	8	1.112e+05	2.989e+04	0.13	0.0	0.0	-8584.46	8611.00	-341.09	-1.294e+04	2.989e+04	-1.528e+06
		-1.528e+06	-6.420e+04	0.04	0.0	190.0	-8584.46	8611.00	-341.09	-1.294e+04	-6.420e+04	1.112e+05
232	9	1.567e+05	2.453e+04	0.15	0.0	0.0	-1.435e+04	1.077e+04	-51.29	1.225e+04	1.874e+04	-1.891e+06
		-1.891e+06	1.874e+04	-0.01	0.0	190.0	-1.435e+04	1.077e+04	-51.29	1.225e+04	2.453e+04	1.567e+05
232	10	7.921e+04	1.529e+05	-0.01	0.0	0.0	-1759.26	-472.19	-312.53	4354.81	1.529e+05	7.921e+04
		-2.144e+04	9.530e+04	-0.08	0.0	190.0	-1759.26	-472.19	-312.53	4354.81	9.530e+04	-2.144e+04
232	11	-2.912e+04	1.647e+05	4.36e-03	0.0	0.0	-1842.59	-184.62	-319.73	3937.82	1.647e+05	-2.912e+04
		-4.556e+04	1.081e+05	-0.09	0.0	190.0	-1842.59	-184.62	-319.73	3937.82	1.081e+05	-4.556e+04
232	12	5.926e+04	1.654e+04	0.07	0.0	0.0	-4802.78	4627.86	-183.62	-7199.04	1.654e+04	-8.219e+05
		-8.219e+05	-3.428e+04	0.02	0.0	190.0	-4802.78	4627.86	-183.62	-7199.04	-3.428e+04	5.926e+04
232	13	8.384e+04	1.377e+04	0.08	0.0	0.0	-7699.61	5727.19	-30.01	6722.69	1.022e+04	-1.006e+06
		-1.006e+06	1.022e+04	-7.08e-03	0.0	190.0	-7699.61	5727.19	-30.01	6722.69	1.377e+04	8.384e+04
232	14	5.945e+04	1.147e+05	-9.31e-03	0.0	0.0	-1326.86	-354.73	-234.37	3269.35	1.147e+05	5.945e+04
		-1.623e+04	7.147e+04	-0.06	0.0	190.0	-1326.86	-354.73	-234.37	3269.35	7.147e+04	-1.623e+04
232	15	-2.184e+04	1.233e+05	3.27e-03	0.0	0.0	-1381.27	-138.85	-239.88	2948.94	1.233e+05	-2.184e+04
		-3.418e+04	8.105e+04	-0.07	0.0	190.0	-1381.27	-138.85	-239.88	2948.94	8.105e+04	-3.418e+04
232	16	4.447e+04	1.245e+04	0.05	0.0	0.0	-3614.96	3471.62	-138.27	-5403.39	1.245e+04	-6.166e+05
		-6.166e+05	-2.575e+04	0.02	0.0	190.0	-3614.96	3471.62	-138.27	-5403.39	-2.575e+04	4.447e+04
232	17	6.295e+04	1.038e+04	0.06	0.0	0.0	-5791.71	4297.49	-22.75	5051.62	7686.15	-7.549e+05
		-7.549e+05	7686.15	-5.31e-03	0.0	190.0	-5791.71	4297.49	-22.75	5051.62	1.038e+04	6.295e+04
233	1	5.368e+04	4.706e+04	4.31e-03	0.0	0.0	-9393.03	-361.41	589.70	2382.16	-6.498e+04	5.368e+04
		-1.499e+04	-6.498e+04	5.80e-03	0.0	190.0	-9393.03	-361.41	589.70	2382.16	4.706e+04	-1.499e+04
233	2	1.991e+05	3.248e+04	-6.76e-03	0.0	0.0	-2.450e+04	-1075.59	1249.35	-6112.10	-2.049e+05	1.991e+05
		-5228.09	-2.049e+05	0.01	0.0	190.0	-2.450e+04	-1075.59	1249.35	-6112.10	3.248e+04	-5228.09
233	3	2396.71	2518.88	-1.05e-04	0.0	0.0	17.60	21.47	-15.99	35.39	2518.88	-1682.81
		-1682.81	-518.84	-2.75e-04	0.0	190.0	17.60	21.47	-15.99	35.39	-518.84	2396.71
233	4	1.128e+04	4380.39	-5.83e-04	0.0	0.0	-1176.21	48.67	116.81	-397.95	-1.781e+04	2037.21
		2037.21	-1.781e+04	1.11e-03	0.0	190.0	-1176.21	48.67	116.81	-397.95	4380.39	1.128e+04
233	5	2.955e+04	2.166e+04	-1.04e-03	0.0	0.0	74.12	-201.78	616.33	-2023.52	-9.545e+04	2.955e+04
		-8784.17	-9.545e+04	7.08e-03	0.0	190.0	74.12	-201.78	616.33	-2023.52	2.166e+04	-8784.17
233	6	3.785e+04	3.121e+05	0.03	0.0	0.0	2870.01	1230.72	-828.30	7310.98	3.121e+05	-2.058e+05
		-2.058e+05	1.579e+05	-0.15	0.0	190.0	2870.01	1230.72	-828.30	7310.98	1.579e+05	3.785e+04
233	7	7.928e+04	3.330e+05	-7.26e-03	0.0	0.0	2897.92	530.35	-814.10	8763.46	3.330e+05	7.928e+04
		3.898e+04	1.833e+05	-0.16	0.0	190.0	2897.92	530.35	-814.10	8763.46	1.833e+05	3.898e+04

233	8	1.578e+05	3.206e+04	0.15	0.0	0.0	-1.424e+04	1.063e+04	-127.09	-1.418e+04	3.206e+04	-1.864e+06
		-1.864e+06	-3.895e+04	0.02	0.0	190.0	-1.424e+04	1.063e+04	-127.09	-1.418e+04	-3.895e+04	1.578e+05
233	9	1.118e+05	5.464e+04	0.14	0.0	0.0	-8757.26	8891.36	331.07	1.082e+04	-1.701e+04	-1.580e+06
		-1.580e+06	-1.701e+04	-0.03	0.0	190.0	-8757.26	8891.36	331.07	1.082e+04	5.464e+04	1.118e+05
233	10	2.095e+04	1.663e+05	0.02	0.0	0.0	1677.27	671.96	-441.43	4252.44	1.714e+04	-1.128e+05
		-1.128e+05	8.448e+04	-0.08	0.0	190.0	1677.27	671.96	-441.43	4252.44	8.448e+04	2.095e+04
233	11	4.257e+04	1.771e+05	-3.88e-03	0.0	0.0	1550.63	283.97	-434.72	4662.61	1.771e+05	2.072e+04
		2.072e+04	9.797e+04	-0.09	0.0	190.0	1550.63	283.97	-434.72	4662.61	9.797e+04	4.257e+04
233	12	1.585e+04	1.247e+05	0.08	0.0	0.0	-7650.80	5659.03	-71.24	-7766.49	1.714e+04	-9.923e+05
		-9.923e+05	-2.143e+04	0.01	0.0	190.0	-7650.80	5659.03	-71.24	-7766.49	-2.143e+04	8.444e+04
233	13	5.964e+04	2.922e+04	0.07	0.0	0.0	-4838.30	4766.29	177.38	6020.59	-9673.63	-8.473e+05
		-8.473e+05	-9673.63	-0.02	0.0	190.0	-4838.30	4766.29	177.38	6020.59	2.922e+04	5.964e+04
233	14	1.585e+04	1.247e+05	0.01	0.0	0.0	1266.26	504.36	-331.07	3192.81	1.247e+05	-8.465e+04
		-8.465e+04	6.337e+04	-0.06	0.0	190.0	1266.26	504.36	-331.07	3192.81	6.337e+04	1.585e+04
233	15	3.194e+04	1.326e+05	-2.91e-03	0.0	0.0	1163.11	212.97	-325.83	3491.95	1.326e+05	1.554e+04
		1.554e+04	7.344e+04	-0.07	0.0	190.0	1163.11	212.97	-325.83	3491.95	7.344e+04	3.194e+04
233	16	6.338e+04	1.285e+04	0.06	0.0	0.0	-5755.93	4245.54	-53.81	-5828.31	1.285e+04	-7.445e+05
		-7.445e+05	-1.614e+04	9.75e-03	0.0	190.0	-5755.93	4245.54	-53.81	-5828.31	-1.614e+04	6.338e+04
233	17	4.476e+04	2.196e+04	0.06	0.0	0.0	-3640.82	3576.32	133.48	4518.23	-7303.51	-6.358e+05
		-6.358e+05	-7303.51	-0.01	0.0	190.0	-3640.82	3576.32	133.48	4518.23	2.196e+04	4.476e+04
234	1	1.501e+04	-3112.15	3.98e-03	0.0	0.0	-8531.57	-259.03	-41.74	-1034.45	-3112.15	1.501e+04
		-3.420e+04	-1.104e+04	-4.13e-03	0.0	190.0	-8531.57	-259.03	-41.74	-1034.45	-1.104e+04	-3.420e+04
234	2	3449.33	3936.99	8.19e-03	0.0	0.0	-2.491e+04	173.56	82.80	-3053.32	-1.179e+04	-2.953e+04
		-2.953e+04	-1.179e+04	3.50e-03	0.0	190.0	-2.491e+04	173.56	82.80	-3053.32	3936.99	3449.33
234	3	1249.65	1066.01	9.63e-05	0.0	0.0	173.60	-9.56	29.41	5.11	-4522.31	1249.65
		-565.94	-4522.31	3.91e-04	0.0	190.0	173.60	-9.56	29.41	5.11	1066.01	-565.94
234	4	8957.33	2863.61	3.94e-04	0.0	0.0	-270.21	74.71	55.75	-186.35	-7728.74	-5237.43
		-5237.43	-7728.74	5.67e-04	0.0	190.0	-270.21	74.71	55.75	-186.35	2863.61	8957.33
234	5	4322.95	4007.45	5.31e-04	0.0	0.0	-232.50	93.23	43.73	-714.31	-4300.69	-1.339e+04
		-1.339e+04	-4300.69	-6.81e-04	0.0	190.0	-232.50	93.23	43.73	-714.31	4007.45	4322.95
234	6	1.530e+05	1.168e+06	-0.03	0.0	0.0	-4012.50	-624.37	-4709.52	-1.082e+04	1.168e+06	1.530e+05
		5.638e+04	2.742e+05	-0.24	0.0	190.0	-4012.50	-624.37	-4709.52	-1.082e+04	2.742e+05	5.638e+04
234	7	5.936e+04	1.389e+06	-0.02	0.0	0.0	832.64	-251.90	-5731.86	2687.55	1.389e+06	5.936e+04
		1.610e+04	3.023e+05	-0.27	0.0	190.0	832.64	-251.90	-5731.86	2687.55	3.023e+05	1.610e+04
234	8	-4.160e+04	-9.087e+04	0.12	0.0	0.0	1.106e+04	6647.57	1623.17	-1.496e+04	-3.986e+05	-1.297e+06
		-1.297e+06	-3.986e+05	0.08	0.0	190.0	1.106e+04	6647.57	1623.17	-1.496e+04	-9.087e+04	-4.160e+04
234	9	4.197e+04	8.401e+04	0.14	0.0	0.0	1.317e+04	8452.72	877.79	2.079e+04	-1.690e+05	-1.578e+06
		-1.578e+06	-1.690e+05	-0.03	0.0	190.0	1.317e+04	8452.72	877.79	2.079e+04	8.401e+04	4.197e+04
234	10	8.362e+04	6.244e+05	-0.01	0.0	0.0	-2177.30	-351.56	-2516.14	-6062.97	1.468e+05	8.362e+04
		3.011e+04	1.468e+05	-0.13	0.0	190.0	-2177.30	-351.56	-2516.14	-6062.97	1.468e+05	3.011e+04
234	11	3.165e+04	7.394e+05	-8.03e-03	0.0	0.0	501.70	-134.87	-3049.47	1440.02	7.394e+05	3.165e+04
		8715.90	1.617e+05	-0.14	0.0	190.0	501.70	-134.87	-3049.47	1440.02	1.617e+05	8715.90
234	12	-2.318e+04	-4.872e+04	0.07	0.0	0.0	6037.76	3573.11	869.45	-8647.49	-2.135e+05	-6.970e+05
		-6.970e+05	-2.135e+05	0.04	0.0	190.0	6037.76	3573.11	869.45	-8647.49	-4.872e+04	-2.318e+04
234	13	2.386e+04	4.531e+04	0.07	0.0	0.0	7006.00	4495.49	509.90	1.150e+04	-9.880e+04	-8.397e+05
		-8.397e+05	-9.880e+04	-0.02	0.0	190.0	7006.00	4495.49	509.90	1.150e+04	4.531e+04	2.386e+04
234	14	6.274e+04	6.682e+05	-0.01	0.0	0.0	-1635.42	-263.90	-1886.46	-4547.69	6.244e+05	6.274e+04
		2.258e+04	1.101e+05	-0.09	0.0	190.0	-1635.42	-263.90	-1886.46	-4547.69	1.101e+05	2.258e+04
234	15	2.373e+04	5.537e+05	-6.00e-03	0.0	0.0	385.00	-101.21	-2283.58	1080.22	5.537e+05	2.373e+04
		6550.14	1.213e+05	-0.11	0.0	190.0	385.00	-101.21	-2283.58	1080.22	1.213e+05	6550.14
234	16	-1.757e+04	-3.658e+04	0.05	0.0	0.0	4530.96	2680.37	652.74	-6537.46	-1.602e+05	-5.229e+05
		-5.229e+05	-1.602e+05	0.03	0.0	190.0	4530.96	2680.37	652.74	-6537.46	-3.658e+04	-1.757e+04
234	17	1.824e+04	3.415e+04	0.05	0.0	0.0	5260.37	3372.95	383.68	8689.49	-7.421e+04	-6.301e+05
		-6.301e+05	-7.421e+04	-0.01	0.0	190.0	5260.37	3372.95	383.68	8689.49	3.415e+04	1.824e+04
235	1	1.368e+04	1.096e+04	3.79e-03	0.0	0.0	-8558.70	-243.75	40.40	1026.74	3282.29	1.368e+04
		-3.263e+04	3282.29	4.09e-03	0.0	190.0	-8558.70	-243.75	40.40	1026.74	1.096e+04	-3.263e+04
235	2	7205.47	3130.07	7.68e-03	0.0	0.0	-2.547e+04	202.92	-21.27	3006.21	3130.07	-3.135e+04
		-3.135e+04	-911.79	-3.36e-03	0.0	190.0	-2.547e+04	202.92	-21.27	3006.21	-911.79	7205.47
235	3	1242.56	541.52	-6.33e-05	0.0	0.0	-28.49	-5.62	-4.18	-47.00	541.52	1242.56
		173.96	-252.48	-3.81e-05	0.0	190.0	-28.49	-5.62	-4.18	-47.00	-252.48	173.96
235	4	1.011e+04	1817.72	2.54e-04	0.0	0.0	-574.73	81.05	-17.76	128.45	1817.72	-5292.93
		-5292.93	-1556.91	-7.42e-05	0.0	190.0	-574.73	81.05	-17.76	128.45	-1556.91	1.011e+04
235	5	4533.88	4260.13	5.16e-04	0.0	0.0	-233.77	94.98	-43.17	723.80	4260.13	-1.351e+04
		-1.351e+04	-3941.56	6.64e-04	0.0	190.0	-233.77	94.98	-43.17	723.80	-3941.56	4533.88
235	6	-7.386e+04	1.174e+06	0.04	0.0	0.0	3617.61	-839.14	-4734.40	9306.29	1.174e+06	-2.070e+05
		-2.070e+05	2.751e+05	-0.24	0.0	190.0	3617.61	-839.14	-4734.40	9306.29	2.751e+05	-7.386e+04
235	7	-3.620e+04	1.390e+06	-6.04e-03	0.0	0.0	-1201.94	273.87	-5722.41	5428.79	1.390e+06	-8.376e+04
		-8.376e+04	3.057e+05	-0.27	0.0	190.0	-1201.94	273.87	-5722.41	5428.79	3.057e+05	-3.620e+04
235	8	4.871e+04	2.142e+05	0.13	0.0	0.0	1.345e+04	8382.22	-903.20	-1.707e+04	2.142e+05	-1.557e+06
		-1.557e+06	-1.055e+05	0.05	0.0	190.0	1.345e+04	8382.22	-903.20	-1.707e+04	-1.055e+05	4.871e+04
235	9	-4.696e+04	3.216e+05	0.13	0.0	0.0	1.124e+04	6844.92	-1251.75	1.243e+04	3.216e+05	-1.337e+06
		-1.337e+06	8.634e+04	-0.07	0.0	190.0	1.124e+04	6844.92	-1251.75	1.243e+04	8.634e+04	-4.696e+04
235	10	-3.957e+04	6.272e+05	0.02	0.0	0.0	1986.30	-463.65	-2528.44	5336.11	6.272e+05	-1.121e+05
		-1.121e+05	1.475e+05	-0.13	0.0	190.0	1986.30	-463.65	-2528.44	5336.11	1.475e+05	-3.957e+04
235	11	-1.926e+04	7.399e+05	-3.20e-03	0.0	0.0	-657.39	145.81	-3044.29	2903.33	7.399e+05	-4.457e+04
		-4.457e+04	1.637e+05	-0.15	0.0	190.0	-657.39	145.81	-3044.29	2903.33	1.637e+05	-1.926e+04

235	12	2.725e+04	1.219e+05	0.07	0.0	0.0	7154.72	4460.12	-522.00	-9284.39	1.219e+05	-8.288e+05
		-8.288e+05	-5.695e+04	0.03	0.0	190.0	7154.72	4460.12	-522.00	-9284.39	-5.695e+04	2.725e+04
235	13	-2.637e+04	1.721e+05	0.07	0.0	0.0	6116.85	3670.01	-669.88	6901.54	1.721e+05	-7.165e+05
		-7.165e+05	4.650e+04	-0.04	0.0	190.0	6116.85	3670.01	-669.88	6901.54	4.650e+04	-2.637e+04
235	14	-2.968e+04	4.703e+05	0.01	0.0	0.0	1491.66	-347.84	-1895.69	4004.47	4.703e+05	-8.405e+04
		-8.405e+04	1.106e+05	-0.10	0.0	190.0	1491.66	-347.84	-1895.69	4004.47	1.106e+05	-2.968e+04
235	15	-1.443e+04	5.542e+05	-2.38e-03	0.0	0.0	-495.55	109.25	-2279.66	2176.87	5.542e+05	-3.337e+04
		-3.337e+04	1.227e+05	-0.11	0.0	190.0	-495.55	109.25	-2279.66	2176.87	1.227e+05	-1.443e+04
235	16	2.073e+04	9.149e+04	0.05	0.0	0.0	5370.29	3345.75	-391.94	-6969.69	9.149e+04	-6.218e+05
		-6.218e+05	-4.289e+04	0.02	0.0	190.0	5370.29	3345.75	-391.94	-6969.69	-4.289e+04	2.073e+04
235	17	-2.010e+04	1.292e+05	0.05	0.0	0.0	4593.54	2753.59	-503.05	5180.35	1.292e+05	-5.377e+05
		-5.377e+05	3.496e+04	-0.03	0.0	190.0	4593.54	2753.59	-503.05	5180.35	3.496e+04	-2.010e+04
238	1	4.593e+04	1.510e+04	-2.69e-03	0.0	0.0	-2239.89	1251.37	145.37	-5591.13	4364.07	-4.652e+04
		-4.652e+04	4364.07	-2.79e-04	0.0	73.9	-2073.66	1251.37	145.37	-5591.13	1.510e+04	4.593e+04
238	2	1.204e+05	4762.33	-1.51e-03	0.0	0.0	-1.112e+04	2703.78	148.98	-2880.99	-6244.37	-7.931e+04
		-7.931e+04	-6244.37	1.49e-03	0.0	73.9	-1.112e+04	2703.78	148.98	-2880.99	4762.33	1.204e+05
238	3	395.16	929.90	7.05e-05	0.0	0.0	12.56	8.66	46.99	101.96	-2541.61	-244.71
		-244.71	-2541.61	-2.14e-04	0.0	73.9	12.56	8.66	46.99	101.96	929.90	395.16
238	4	2041.36	1394.25	3.04e-04	0.0	0.0	18.84	-48.15	68.98	266.39	-3701.74	2041.36
		-1515.81	-3701.74	-2.13e-04	0.0	73.9	18.84	-48.15	68.98	266.39	1394.25	-1515.81
238	5	5098.54	867.37	5.31e-04	0.0	0.0	71.69	-175.53	11.31	237.42	31.61	5098.54
		-7869.49	31.61	-1.87e-05	0.0	73.9	71.69	-175.53	11.31	237.42	867.37	-7869.49
238	6	9.691e+04	6.025e+05	-0.01	0.0	0.0	-1710.28	3450.31	-9388.33	1.326e+04	6.025e+05	-1.591e+05
		-1.591e+05	-9.134e+04	0.03	0.0	73.9	-1710.28	3450.31	-9388.33	1.326e+04	-9.134e+04	9.691e+04
238	7	1.066e+05	7.452e+05	-0.01	0.0	0.0	-2486.55	4378.54	-1.180e+04	1.780e+04	7.452e+05	-2.170e+05
		-2.170e+05	-1.267e+05	0.04	0.0	73.9	-2486.55	4378.54	-1.180e+04	1.780e+04	-1.267e+05	1.066e+05
238	8	-2.514e+04	6.029e+04	-8.53e-03	0.0	0.0	-6795.24	2692.59	5348.64	-9089.58	-3.351e+05	-2.180e+05
		-2.180e+05	-3.351e+05	-0.02	0.0	73.9	-6795.24	2692.59	5348.64	-9089.58	6.029e+04	-2.514e+04
238	9	-1.916e+04	2.802e+04	-0.01	0.0	0.0	-8794.20	3961.25	2135.20	1.099e+04	-1.300e+05	-3.010e+05
		-3.010e+05	-1.300e+05	-3.31e-03	0.0	73.9	-8794.20	3961.25	2135.20	1.099e+04	-1.300e+05	-3.010e+05
238	10	5.181e+04	3.227e+05	-5.30e-03	0.0	0.0	-933.48	1849.36	-5030.04	7212.42	3.227e+05	-8.549e+04
		-8.549e+04	-4.906e+04	0.02	0.0	73.9	-933.48	1849.36	-5030.04	7212.42	-4.906e+04	5.181e+04
238	11	5.707e+04	3.969e+05	-6.98e-03	0.0	0.0	-1330.36	2340.56	-6284.24	9492.09	3.969e+05	-1.159e+05
		-1.159e+05	-6.745e+04	0.02	0.0	73.9	-1330.36	2340.56	-6284.24	9492.09	-6.745e+04	5.707e+04
238	12	-1.376e+04	3.233e+04	-4.58e-03	0.0	0.0	-3669.60	1464.29	2855.19	-5029.22	-1.788e+05	-1.183e+05
		-1.183e+05	-1.788e+05	-9.40e-03	0.0	73.9	-3669.60	1464.29	2855.19	-5029.22	3.233e+04	-1.376e+04
238	13	-1.107e+04	1.644e+04	-7.50e-03	0.0	0.0	-4684.64	2113.78	1250.09	5905.81	-7.606e+04	-1.603e+05
		-1.603e+05	-7.606e+04	-1.33e-03	0.0	73.9	-4684.64	2113.78	1250.09	5905.81	1.644e+04	-1.107e+04
238	14	3.888e+04	2.420e+05	-3.97e-03	0.0	0.0	-700.63	1387.58	-3771.58	5408.99	2.420e+05	-6.414e+04
		-6.414e+04	-3.678e+04	0.01	0.0	73.9	-700.63	1387.58	-3771.58	5408.99	-3.678e+04	3.888e+04
238	15	4.279e+04	2.973e+05	-5.23e-03	0.0	0.0	-997.40	1754.47	-4706.87	7111.56	2.973e+05	-8.688e+04
		-8.688e+04	-5.051e+04	0.02	0.0	73.9	-997.40	1754.47	-4706.87	7111.56	-5.051e+04	4.279e+04
238	16	-1.038e+04	2.427e+04	-3.43e-03	0.0	0.0	-2753.22	1098.91	2143.08	-3773.46	-1.342e+05	-8.872e+04
		-8.872e+04	-1.342e+05	-7.06e-03	0.0	73.9	-2753.22	1098.91	2143.08	-3773.46	2.427e+04	-1.038e+04
238	17	-8457.36	1.235e+04	-5.62e-03	0.0	0.0	-3517.22	1588.16	938.84	4436.97	-5.712e+04	-1.204e+05
		-1.204e+05	-5.712e+04	-9.93e-04	0.0	73.9	-3517.22	1588.16	938.84	4436.97	1.235e+04	-8457.36
239	1	4.548e+04	-4110.26	-2.65e-03	0.0	0.0	-2231.05	1235.04	-152.65	5602.89	-4110.26	-4.577e+04
		-4.577e+04	-1.539e+04	2.91e-04	0.0	73.9	-2064.82	1235.04	-152.65	5602.89	-1.539e+04	4.548e+04
239	2	1.183e+05	5328.45	-1.38e-03	0.0	0.0	-1.108e+04	2638.72	-139.26	2993.44	5328.45	-7.662e+04
		-7.662e+04	-4960.38	-1.46e-03	0.0	73.9	-1.108e+04	2638.72	-139.26	2993.44	-4960.38	1.183e+05
239	3	345.59	1642.80	1.19e-04	0.0	0.0	20.28	-7.02	-31.67	-108.96	1642.80	345.59
		-173.01	-696.84	1.83e-04	0.0	73.9	20.28	-7.02	-31.67	-108.96	-696.84	-173.01
239	4	2973.65	2424.97	3.79e-04	0.0	0.0	31.02	-72.67	-47.18	-270.48	2424.97	2973.65
		-2395.17	-1060.87	1.70e-04	0.0	73.9	31.02	-72.67	-47.18	-270.48	-1060.87	-2395.17
239	5	5211.88	8.03	5.35e-04	0.0	0.0	73.29	-177.88	-12.00	-235.53	8.03	5211.88
		-7930.18	-878.74	2.06e-05	0.0	73.9	73.29	-177.88	-12.00	-235.53	-878.74	-7930.18
239	6	1.334e+05	5.953e+05	8.89e-03	0.0	0.0	1366.46	-2921.67	-9118.08	1.176e+04	5.953e+05	1.334e+05
		-8.429e+04	-7.845e+04	0.03	0.0	73.9	1366.46	-2921.67	-9118.08	1.176e+04	-7.845e+04	-8.429e+04
239	7	1.907e+05	7.373e+05	0.01	0.0	0.0	2104.46	-3816.07	-1.146e+04	1.519e+04	7.373e+05	1.907e+05
		-9.130e+04	-1.097e+05	0.04	0.0	73.9	2104.46	-3816.07	-1.146e+04	1.519e+04	-1.097e+05	-9.130e+04
239	8	-2.164e+04	1.452e+05	-0.01	0.0	0.0	-8691.48	3945.63	-2326.19	-1.203e+04	1.452e+05	-3.001e+05
		-3.001e+05	-2.683e+04	2.72e-03	0.0	73.9	-8691.48	3945.63	-2326.19	-1.203e+04	-2.683e+04	-2.164e+04
239	9	-2.066e+04	2.901e+05	-9.80e-03	0.0	0.0	-7125.26	2919.42	-4524.39	6521.66	2.901e+05	-2.327e+05
		-2.327e+05	-4.429e+04	0.01	0.0	73.9	-7125.26	2919.42	-4524.39	6521.66	-4.429e+04	-2.066e+04
239	10	7.172e+04	3.188e+05	4.72e-03	0.0	0.0	751.75	-1564.87	-4883.94	6408.37	3.188e+05	7.172e+04
		-4.502e+04	-4.210e+04	0.01	0.0	73.9	751.75	-1564.87	-4883.94	6408.37	-4.210e+04	-4.502e+04
239	11	1.019e+05	3.926e+05	5.43e-03	0.0	0.0	1126.88	-2039.91	-6104.34	8106.39	3.926e+05	1.019e+05
		-4.888e+04	-5.838e+04	0.02	0.0	73.9	1126.88	-2039.91	-6104.34	8106.39	-5.838e+04	-4.888e+04
239	12	-1.238e+04	8.451e+04	-7.34e-03	0.0	0.0	-4632.81	2108.77	-1354.88	-6455.36	8.451e+04	-1.238e+04
		-1.600e+05	-1.569e+04	1.09e-03	0.0	73.9	-4632.81	2108.77	-1354.88	-6455.36	-1.569e+04	-1.238e+04
239	13	-1.142e+04	1.545e+05	-5.26e-03	0.0	0.0	-3834.74	1577.07	-2410.62	3658.96	1.545e+05	-1.256e+05
		-1.256e+05	-2.369e+04	7.28e-03	0.0	73.9	-3834.74	1577.07	-2410.62	3658.96	-2.369e+04	-1.142e+04
239	14	5.381e+04	2.391e+05	3.54e-03	0.0	0.0	564.57	-1174.06	-3662.04	4806.99	2.391e+05	5.381e+04
		-3.378e+04	-3.156e+04	0.01	0.0	73.9	564.57	-1174.06	-3662.04	4806.99	-3.156e+04	-3.378e+04
239	15	7.636e+04	2.941e+05	4.07e-03	0.0	0.0	845.13	-1529.18	-4572.11	6074.90	2.941e+05	7.636e+04
		-3.666e+04	-4.372e+04	0.01	0.0	73.9	845.13	-1529.18	-4572.11	6074.90	-4.372e+04	-3.666e+04

239	16	-9437.18	6.343e+04	-5.50e-03	0.0	0.0	-3477.51	1584.42	-1016.86	-4848.16	6.343e+04	-1.201e+05
		-1.201e+05	-1.177e+04	8.14e-04	0.0	73.9	-3477.51	1584.42	-1016.86	-4848.16	-1.177e+04	-9437.18
239	17	-8624.82	1.160e+05	-3.95e-03	0.0	0.0	-2878.86	1184.49	-1809.44	2748.64	1.160e+05	-9.427e+04
		-9.427e+04	1.779e+04	5.47e-03	0.0	73.9	-2878.86	1184.49	-1809.44	2748.64	1.779e+04	-8624.82
240	1	4.499e+04	2.100e+04	-4.53e-03	0.0	0.0	-3662.70	320.39	-151.57	-1313.15	2.100e+04	-4.019e+04
		-4.019e+04	-1.930e+04	-1.21e-03	0.0	265.9	-2865.06	320.39	-151.57	-1313.15	-1.930e+04	4.499e+04
240	2	1.920e+05	1.020e+05	-7.11e-03	0.0	0.0	-6893.37	1426.43	-747.44	-8297.06	1.020e+05	-1.872e+05
		-1.872e+05	-9.671e+04	8.32e-03	0.0	265.9	-6893.37	1426.43	-747.44	-8297.06	-9.671e+04	1.920e+05
240	3	-284.49	3431.52	-1.69e-04	0.0	0.0	122.05	2.33	-16.54	162.53	3431.52	-904.63
		-904.63	-964.96	-4.99e-04	0.0	265.9	122.05	2.33	-16.54	162.53	-964.96	-284.49
240	4	5521.30	1.016e+04	6.05e-04	0.0	0.0	206.31	69.66	-51.95	-421.05	1.016e+04	-1.300e+04
		-1.300e+04	-3654.22	-1.17e-03	0.0	265.9	206.31	69.66	-51.95	-421.05	-3654.22	5521.30
240	5	1.498e+04	1.160e+04	1.35e-03	0.0	0.0	356.40	167.60	-71.09	-3005.03	1.160e+04	-2.958e+04
		-2.958e+04	-7298.05	-1.14e-03	0.0	265.9	356.40	167.60	-71.09	-3005.03	-7298.05	1.498e+04
240	6	9.917e+04	1.117e+06	0.04	0.0	0.0	-1.687e+04	2176.96	-4852.97	1.436e+04	1.117e+06	-5.055e+05
		-5.055e+05	-1.738e+05	-0.19	0.0	265.9	-1.687e+04	2176.96	-4852.97	1.436e+04	-1.738e+05	9.917e+04
240	7	2.144e+04	1.051e+06	0.06	0.0	0.0	-1.364e+04	2039.37	-4616.38	1.810e+04	1.051e+06	-5.557e+05
		-5.557e+05	-1.761e+05	-0.17	0.0	265.9	-1.364e+04	2039.37	-4616.38	1.810e+04	-1.761e+05	2.144e+04
240	8	-2.758e+05	1.830e+05	0.07	0.0	0.0	6457.70	337.54	-983.17	5506.23	1.830e+05	-2.970e+05
		-2.970e+05	-9.047e+04	-0.02	0.0	265.9	6457.70	337.54	-983.17	5506.23	-9.047e+04	-2.758e+05
240	9	-4.038e+05	1.032e+05	0.09	0.0	0.0	1.106e+04	283.31	-755.52	9885.51	1.032e+05	-4.038e+05
		-4.104e+05	-1.136e+05	0.02	0.0	265.9	1.106e+04	283.31	-755.52	9885.51	-1.136e+05	1.032e+05
240	10	5.486e+04	5.951e+05	0.02	0.0	0.0	-8986.17	1159.65	-2586.07	7749.82	5.951e+05	-2.699e+05
		-2.699e+05	-9.273e+04	-0.10	0.0	265.9	-8986.17	1159.65	-2586.07	7749.82	-9.273e+04	5.486e+04
240	11	1.231e+04	5.598e+05	0.03	0.0	0.0	-7264.57	1085.64	-2457.75	9649.22	5.598e+05	-2.960e+05
		-2.960e+05	-9.371e+04	-0.09	0.0	265.9	-7264.57	1085.64	-2457.75	9649.22	-9.371e+04	1.231e+04
240	12	-1.520e+05	9.809e+04	0.04	0.0	0.0	3667.29	188.87	-524.18	3179.55	9.809e+04	-1.602e+05
		-1.602e+05	-4.869e+04	-9.94e-03	0.0	265.9	3667.29	188.87	-524.18	3179.55	-4.869e+04	-1.520e+05
240	13	-2.148e+05	5.848e+04	0.05	0.0	0.0	5871.79	167.78	-413.22	5283.38	5.848e+04	-2.148e+05
		-2.182e+05	-6.064e+04	0.01	0.0	265.9	5871.79	167.78	-413.22	5283.38	-6.064e+04	-2.182e+05
240	14	4.117e+04	4.463e+05	0.02	0.0	0.0	-6737.81	869.57	-1939.23	5814.24	4.463e+05	-2.024e+05
		-2.024e+05	-6.954e+04	-0.07	0.0	265.9	-6737.81	869.57	-1939.23	5814.24	-6.954e+04	4.117e+04
240	15	9356.71	4.193e+05	0.02	0.0	0.0	-5441.13	813.07	-1840.72	7229.34	4.193e+05	-2.217e+05
		-2.217e+05	-7.018e+04	-0.07	0.0	265.9	-5441.13	813.07	-1840.72	7229.34	-7.018e+04	9356.71
240	16	-1.140e+05	7.361e+04	0.03	0.0	0.0	2752.97	142.20	-393.38	2388.12	7.361e+04	-1.201e+05
		-1.201e+05	-3.655e+04	-7.46e-03	0.0	265.9	2752.97	142.20	-393.38	2388.12	-3.655e+04	-1.140e+05
240	17	-1.612e+05	4.397e+04	0.04	0.0	0.0	4406.37	128.03	-310.48	3965.71	4.397e+04	-1.612e+05
		-1.639e+05	-4.553e+04	9.76e-03	0.0	265.9	4406.37	128.03	-310.48	3965.71	-4.553e+04	-1.639e+05
241	1	4.021e+04	1.829e+04	4.78e-03	0.0	0.0	-3840.57	-325.41	-138.92	1347.01	1.829e+04	-4.631e+04
		-4.631e+04	-1.865e+04	-7.54e-04	0.0	265.9	-3840.57	-325.41	-138.92	1347.01	-1.865e+04	-4.631e+04
241	2	1.840e+05	8.996e+04	8.22e-03	0.0	0.0	-7958.38	-1422.87	-692.34	8835.99	8.996e+04	-1.943e+05
		-1.943e+05	-9.412e+04	0.01	0.0	265.9	-7958.38	-1422.87	-692.34	8835.99	-9.412e+04	-1.943e+05
241	3	676.23	577.40	3.51e-04	0.0	0.0	-158.58	8.88	10.56	232.28	-2230.18	-1683.56
		-1683.56	-2230.18	4.88e-04	0.0	265.9	-158.58	8.88	10.56	232.28	577.40	676.23
241	4	9188.16	1681.45	7.67e-04	0.0	0.0	-221.62	-53.42	-11.49	1018.79	1681.45	-5014.08
		-5014.08	-1373.20	9.76e-04	0.0	265.9	-221.62	-53.42	-11.49	1018.79	-1373.20	-5014.08
241	5	2.846e+04	9638.86	-1.27e-03	0.0	0.0	357.15	-162.95	-62.06	3206.36	9638.86	-1.487e+04
		-1.487e+04	-6860.86	-8.28e-04	0.0	265.9	357.15	-162.95	-62.06	3206.36	-6860.86	-1.487e+04
241	6	1.044e+05	1.451e+05	0.04	0.0	0.0	1.714e+04	1900.17	4232.48	1.186e+04	-9.808e+05	-4.291e+05
		-4.291e+05	-9.808e+05	0.16	0.0	265.9	1.714e+04	1900.17	4232.48	1.186e+04	1.451e+05	1.044e+05
241	7	-1.850e+04	1.513e+05	0.05	0.0	0.0	1.412e+04	1805.01	4077.17	1.591e+04	-9.328e+05	-4.905e+05
		-4.905e+05	-9.328e+05	0.15	0.0	265.9	1.412e+04	1805.01	4077.17	1.591e+04	1.513e+05	-1.850e+04
241	8	4.360e+05	1.517e+05	-0.09	0.0	0.0	1.019e+04	-350.67	-962.43	-1.220e+04	1.517e+05	4.360e+05
		4.047e+05	-1.192e+05	0.02	0.0	265.9	1.019e+04	-350.67	-962.43	-1.220e+04	-1.192e+05	4.047e+05
241	9	3.308e+05	1.733e+05	-0.07	0.0	0.0	5251.22	-306.84	-996.25	-4972.45	1.733e+05	3.308e+05
		2.837e+05	-9.613e+04	-0.01	0.0	265.9	5251.22	-306.84	-996.25	-4972.45	-9.613e+04	2.837e+05
241	10	5.748e+04	7.750e+04	0.02	0.0	0.0	9130.36	1012.82	2257.39	6458.63	-5.230e+05	-2.294e+05
		-2.294e+05	-5.230e+05	0.09	0.0	265.9	9130.36	1012.82	2257.39	6458.63	7.750e+04	5.748e+04
241	11	-1.074e+04	8.056e+04	0.03	0.0	0.0	7517.17	961.23	2171.86	8505.52	-4.969e+05	-2.614e+05
		-2.614e+05	-4.969e+05	0.08	0.0	265.9	7517.17	961.23	2171.86	8505.52	8.056e+04	-1.074e+04
241	12	2.320e+05	8.349e+04	-0.05	0.0	0.0	5419.93	-202.84	-521.33	-6527.44	8.349e+04	2.320e+05
		2.154e+05	-6.361e+04	0.01	0.0	265.9	5419.93	-202.84	-521.33	-6527.44	-6.361e+04	2.154e+05
241	13	1.779e+05	9.221e+04	-0.04	0.0	0.0	2969.81	-169.25	-530.11	-2917.01	9.221e+04	1.779e+05
		1.549e+05	-5.164e+04	-7.85e-03	0.0	265.9	2969.81	-169.25	-530.11	-2917.01	-5.164e+04	1.549e+05
241	14	4.314e+04	5.813e+04	0.01	0.0	0.0	6845.88	759.56	1693.08	4851.27	-3.923e+05	-1.720e+05
		-1.720e+05	-3.923e+05	0.07	0.0	265.9	6845.88	759.56	1693.08	4851.27	5.813e+04	4.314e+04
241	15	-8189.29	6.034e+04	0.02	0.0	0.0	5630.02	719.95	1626.81	6375.92	-3.722e+05	-1.958e+05
		-1.958e+05	-3.722e+05	0.06	0.0	265.9	5630.02	719.95	1626.81	6375.92	6.034e+04	-8189.29
241	16	1.741e+05	6.266e+04	-0.04	0.0	0.0	4065.72	-154.07	-391.36	-4899.93	6.266e+04	1.741e+05
		1.617e+05	-4.775e+04	8.61e-03	0.0	265.9	4065.72	-154.07	-391.36	-4899.93	-4.775e+04	1.617e+05
241	17	1.335e+05	6.924e+04	-0.03	0.0	0.0	2229.29	-127.95	-397.97	-2191.52	6.924e+04	1.335e+05
		1.163e+05	-3.876e+04	-5.90e-03	0.0	265.9	2229.29	-127.95	-397.97	-2191.52	-3.876e+04	1.163e+05
250	1	2.760e+04	1.180e+04	4.30e-03	0.0	0.0	-3614.83	170.30	-95.25	696.59	1.180e+04	-2.091e+04
		-2.091e+04	-1.534e+04	1.62e-03	0.0	284.9	-2760.28	170.30	-95.25	696.59	-1.534e+04	2.760e+04
250	2	1.400e+05	7.216e+04	4.40e-03	0.0	0.0	-8195.98	907.40	-557.64	4627.67	7.216e+04	-1.185e+05
		-1.185e+05	-8.669e+04	0.01	0.0	284.9	-8195.98	907.40	-557.64	4627.67	-8.669e+04	1.400e+05

250	3	-164.07	2507.81	1.46e-04	0.0	0.0	43.63	1.53	-11.20	-81.83	2507.81	-599.96
		-599.96	-683.79	-3.27e-04	0.0	284.9	43.63	1.53	-11.20	-81.83	-683.79	-164.07
250	4	3207.07	7009.29	6.45e-04	0.0	0.0	1.57	36.35	-30.82	419.30	7009.29	-7147.39
		-7147.39	-1769.61	-8.95e-04	0.0	284.9	1.57	36.35	-30.82	419.30	-1769.61	3207.07
250	5	1.274e+04	8132.01	1.69e-03	0.0	0.0	39.39	118.35	-34.41	2393.04	8132.01	-2.098e+04
		-2.098e+04	-1670.79	-1.42e-03	0.0	284.9	39.39	118.35	-34.41	2393.04	-1670.79	1.274e+04
250	6	2.349e+04	9.722e+05	0.04	0.0	0.0	-1.165e+04	1274.45	-3934.72	-1.853e+04	9.722e+05	-3.591e+05
		-3.591e+05	-1.498e+05	-0.19	0.0	284.9	-1.165e+04	1274.45	-3934.72	-1.853e+04	-1.498e+05	2.349e+04
250	7	-7936.33	1.142e+06	0.07	0.0	0.0	-1.293e+04	2007.18	-4538.84	-1.703e+04	1.142e+06	-5.779e+05
		-5.779e+05	-1.508e+05	-0.23	0.0	284.9	-1.293e+04	2007.18	-4538.84	-1.703e+04	-1.508e+05	-7936.33
250	8	-7.103e+04	9.674e+04	0.07	0.0	0.0	6299.71	1549.92	1253.33	6700.65	-2.764e+05	-5.074e+05
		-5.074e+05	-2.764e+05	0.05	0.0	284.9	6299.71	1549.92	1253.33	6700.65	9.674e+04	-7.103e+04
250	9	-1.120e+05	1.006e+05	0.13	0.0	0.0	4389.95	2843.63	465.50	7622.67	-1.488e+05	-9.162e+05
		-9.162e+05	-1.488e+05	0.01	0.0	284.9	4389.95	2843.63	465.50	7622.67	1.006e+05	-1.120e+05
250	10	1.324e+04	5.196e+05	0.02	0.0	0.0	-6229.28	696.06	-2101.39	-9884.62	5.196e+05	-1.972e+05
		-1.972e+05	-7.976e+04	-0.10	0.0	284.9	-6229.28	696.06	-2101.39	-9884.62	-7.976e+04	1.324e+04
250	11	-4378.44	6.082e+05	0.04	0.0	0.0	-6889.57	1069.44	-2416.94	-9066.74	6.082e+05	-3.079e+05
		-3.079e+05	-8.030e+04	-0.12	0.0	284.9	-6889.57	1069.44	-2416.94	-9066.74	-8.030e+04	-4378.44
250	12	-3.952e+04	5.189e+04	0.04	0.0	0.0	3343.38	869.84	668.50	3851.25	-1.488e+05	-2.841e+05
		-2.841e+05	-1.488e+05	0.03	0.0	284.9	3343.38	869.84	668.50	3851.25	5.189e+04	-3.952e+04
250	13	-5.992e+04	5.359e+04	0.07	0.0	0.0	2372.09	1510.10	272.27	4508.42	-8.373e+04	-4.862e+05
		-4.862e+05	-8.373e+04	6.62e-03	0.0	284.9	2372.09	1510.10	272.27	4508.42	5.359e+04	-5.992e+04
250	14	9938.97	3.896e+05	0.02	0.0	0.0	-4672.53	522.00	-1575.64	-7414.18	3.896e+05	-1.479e+05
		-1.479e+05	-5.980e+04	-0.08	0.0	284.9	-4672.53	522.00	-1575.64	-7414.18	-5.980e+04	9938.97
250	15	-3307.02	4.555e+05	0.03	0.0	0.0	-5161.10	801.10	-1810.27	-6790.88	4.555e+05	-2.306e+05
		-2.306e+05	-6.014e+04	-0.09	0.0	284.9	-5161.10	801.10	-1810.27	-6790.88	-6.014e+04	-3307.02
250	16	-2.972e+04	3.893e+04	0.03	0.0	0.0	2508.24	652.72	501.77	2933.13	-1.117e+05	-2.132e+05
		-2.132e+05	-1.117e+05	0.02	0.0	284.9	2508.24	652.72	501.77	2933.13	3.893e+04	-2.972e+04
250	17	-4.505e+04	4.021e+04	0.05	0.0	0.0	1780.14	1133.47	204.48	3459.35	-6.287e+04	-3.649e+05
		-3.649e+05	-6.287e+04	4.98e-03	0.0	284.9	1780.14	1133.47	204.48	3459.35	4.021e+04	-4.505e+04
251	1	2.745e+04	1.518e+04	4.24e-03	0.0	0.0	-3603.42	168.78	93.44	-772.31	-1.143e+04	-2.062e+04
		-2.062e+04	-1.143e+04	-1.66e-03	0.0	284.9	-3603.42	168.78	93.44	-772.31	1.518e+04	2.745e+04
251	2	1.395e+05	8.720e+04	4.60e-03	0.0	0.0	-8524.44	899.75	559.16	-4589.63	-7.208e+04	-1.168e+05
		-1.168e+05	-7.208e+04	-0.01	0.0	284.9	-8524.44	899.75	559.16	-4589.63	8.720e+04	1.395e+05
251	3	-313.17	1037.45	2.41e-04	0.0	0.0	-94.93	-0.06	14.43	122.01	-3074.05	-313.17
		-329.27	-3074.05	3.85e-04	0.0	284.9	-94.93	-0.06	14.43	122.01	1037.45	-329.27
251	4	2948.40	2273.45	7.09e-04	0.0	0.0	-205.10	33.74	35.22	-366.22	-7760.31	-6662.13
		-6662.13	-7760.31	9.66e-04	0.0	284.9	-205.10	33.74	35.22	-366.22	2273.45	2948.40
251	5	1.268e+04	1630.78	1.67e-03	0.0	0.0	47.14	117.71	33.98	-2414.13	-8048.41	-2.085e+04
		-2.085e+04	-8048.41	1.41e-03	0.0	284.9	47.14	117.71	33.98	-2414.13	1630.78	1.268e+04
251	6	3.295e+05	9.719e+05	-0.04	0.0	0.0	1.241e+04	-1166.37	-3944.64	-1.910e+04	9.719e+05	3.295e+05
		-2.462e+04	-1.531e+05	-0.19	0.0	284.9	1.241e+04	-1166.37	-3944.64	-1.910e+04	-1.531e+05	-2.462e+04
251	7	5.441e+05	1.140e+06	-0.07	0.0	0.0	1.379e+04	-1890.92	-4536.70	-1.687e+04	1.140e+06	5.441e+05
		7356.91	-1.525e+05	-0.23	0.0	284.9	1.379e+04	-1890.92	-4536.70	-1.687e+04	-1.525e+05	7356.91
251	8	-1.107e+05	2.044e+05	0.14	0.0	0.0	3884.91	2963.50	-610.94	-5236.45	2.044e+05	-9.477e+05
		-9.477e+05	-9.600e+04	-0.02	0.0	284.9	3884.91	2963.50	-610.94	-5236.45	-9.600e+04	-1.107e+05
251	9	-7.182e+04	2.139e+05	0.08	0.0	0.0	6174.78	1672.29	-1027.58	3133.02	2.139e+05	-5.436e+05
		-5.436e+05	-9.435e+04	-0.04	0.0	284.9	6174.78	1672.29	-1027.58	3133.02	-9.435e+04	-7.182e+04
251	10	1.817e+05	5.194e+05	-0.02	0.0	0.0	6642.92	-639.27	-2106.65	-1.018e+04	5.194e+05	1.817e+05
		-1.378e+04	-8.154e+04	-0.10	0.0	284.9	6642.92	-639.27	-2106.65	-1.018e+04	-8.154e+04	-1.378e+04
251	11	2.898e+05	6.070e+05	-0.04	0.0	0.0	7351.25	-1007.43	-2415.89	-8989.19	6.070e+05	2.898e+05
		4088.76	-8.120e+04	-0.12	0.0	284.9	7351.25	-1007.43	-2415.89	-8989.19	-8.120e+04	4088.76
251	12	-5.936e+04	1.128e+05	0.07	0.0	0.0	2131.77	1575.99	-347.07	-2847.31	1.128e+05	-5.035e+05
		-5.035e+05	-5.116e+04	-0.01	0.0	284.9	2131.77	1575.99	-347.07	-2847.31	-5.116e+04	-5.936e+04
251	13	-3.953e+04	1.154e+05	0.04	0.0	0.0	3274.06	923.56	-547.57	1777.41	1.154e+05	-2.997e+05
		-2.997e+05	-5.053e+04	-0.02	0.0	284.9	3274.06	923.56	-547.57	1777.41	-5.053e+04	-3.953e+04
251	14	1.363e+05	3.895e+05	-0.02	0.0	0.0	4982.84	-479.46	-1579.60	-7636.20	3.895e+05	1.363e+05
		-1.035e+04	-6.114e+04	-0.08	0.0	284.9	4982.84	-479.46	-1579.60	-7636.20	-6.114e+04	-1.035e+04
251	15	2.171e+05	4.546e+05	-0.03	0.0	0.0	5507.16	-754.68	-1809.49	-6733.50	4.546e+05	2.171e+05
		3095.12	-6.082e+04	-0.09	0.0	284.9	5507.16	-754.68	-1809.49	-6733.50	-6.082e+04	3095.12
251	16	-4.464e+04	8.468e+04	0.05	0.0	0.0	1599.48	1182.96	-260.50	-2137.24	8.468e+04	-3.778e+05
		-3.778e+05	-3.838e+04	-8.11e-03	0.0	284.9	1599.48	1182.96	-260.50	-2137.24	-3.838e+04	-4.464e+04
251	17	-2.972e+04	8.663e+04	0.03	0.0	0.0	2456.46	693.26	-411.00	1335.32	8.663e+04	-2.249e+05
		-2.249e+05	-3.792e+04	-0.02	0.0	284.9	2456.46	693.26	-411.00	1335.32	-3.792e+04	-2.972e+04
252	1	1.712e+05	1.487e+05	-0.01	0.0	0.0	-7078.38	803.71	634.50	408.64	-5.421e+04	-8.581e+04
		-8.581e+04	-5.421e+04	-0.02	0.0	319.7	-6119.16	803.71	634.50	408.64	1.487e+05	1.712e+05
252	2	7.191e+04	3.403e+05	7.19e-03	0.0	0.0	-8769.06	-332.13	-2685.76	-4167.75	3.403e+05	7.191e+04
		-3.428e+04	-5.185e+05	0.06	0.0	319.7	-8769.06	-332.13	-2685.76	-4167.75	-5.185e+05	-3.428e+04
252	3	293.48	407.66	-6.93e-05	0.0	0.0	2.52	-1.27	8.73	-34.65	-2382.18	293.48
		-111.73	-2382.18	4.96e-04	0.0	319.7	2.52	-1.27	8.73	-34.65	407.66	-111.73
252	4	3400.02	7836.70	-4.02e-04	0.0	0.0	-7.70	-11.61	-27.21	96.08	7836.70	3400.02
		-311.22	-862.92	-1.64e-03	0.0	319.7	-7.70	-11.61	-27.21	96.08	-862.92	-311.22
252	5	1.148e+04	5.081e+04	-1.27e-03	0.0	0.0	-47.25	-35.17	-177.03	771.79	5.081e+04	1.148e+04
		231.07	-5790.82	-0.01	0.0	319.7	-47.25	-35.17	-177.03	771.79	-5790.82	231.07
252	6	-1.029e+05	-1.038e+05	0.37	0.0	0.0	2022.87	784.78	743.24	-3.830e+04	-2.807e+05	-1.988e+05
		-1.988e+05	-2.807e+05	0.16	0.0	319.7	2022.87	784.78	743.24	-3.830e+04	-1.038e+05	-1.029e+05

252	7	-2.432e+04	-6.197e+04	0.03	0.0	0.0	1476.12	615.99	845.30	1.046e+04	-3.180e+05	-1.790e+05
		-1.790e+05	-3.180e+05	0.17	0.0	319.7	1476.12	615.99	845.30	1.046e+04	-6.197e+04	-2.432e+04
252	8	2.654e+05	2.040e+05	-1.00	0.0	0.0	-2792.85	2196.23	1181.88	9.155e+04	-2.134e+05	-4.609e+05
		-4.609e+05	-2.134e+05	-0.65	0.0	319.7	-2792.85	2196.23	1181.88	9.155e+04	2.040e+05	2.654e+05
252	9	4.255e+05	3.107e+05	-1.33	0.0	0.0	-1146.54	3608.49	1324.16	1.537e+05	-3.041e+05	-7.633e+05
		-7.633e+05	-3.041e+05	0.04	0.0	319.7	-1146.54	3608.49	1324.16	1.537e+05	1.307e+05	4.255e+05
252	10	-5.791e+04	-5.879e+04	0.20	0.0	0.0	1107.58	465.01	410.61	-2.159e+04	-1.506e+05	-1.161e+05
		-1.161e+05	-1.506e+05	0.08	0.0	319.7	1107.58	465.01	410.61	-2.159e+04	-5.879e+04	-5.791e+04
252	11	-1.430e+04	-3.431e+04	0.01	0.0	0.0	793.72	341.80	451.49	5987.63	-1.693e+05	-9.849e+04
		-9.849e+04	-1.693e+05	0.09	0.0	319.7	793.72	341.80	451.49	5987.63	-3.431e+04	-1.430e+04
252	12	1.492e+05	1.208e+05	-0.55	0.0	0.0	-1666.14	1266.31	677.58	5.171e+04	-1.180e+05	-2.694e+05
		-2.694e+05	-1.180e+05	-0.36	0.0	319.7	-1666.14	1266.31	677.58	5.171e+04	1.208e+05	1.492e+05
252	13	2.294e+05	7.280e+04	-0.70	0.0	0.0	-681.84	2014.72	710.73	8.282e+04	-1.619e+05	-4.355e+05
		-4.355e+05	-1.619e+05	0.02	0.0	319.7	-681.84	2014.72	710.73	8.282e+04	7.280e+04	2.294e+05
252	14	-4.354e+04	-4.495e+04	0.15	0.0	0.0	838.99	352.34	310.55	-1.622e+04	-1.130e+05	-8.808e+04
		-8.808e+04	-1.130e+05	0.06	0.0	319.7	838.99	352.34	310.55	-1.622e+04	-4.495e+04	-4.354e+04
252	15	-1.094e+04	-2.598e+04	0.01	0.0	0.0	596.30	258.43	338.49	4556.92	-1.268e+05	-7.434e+04
		-7.434e+04	-1.268e+05	0.07	0.0	319.7	596.30	258.43	338.49	4556.92	-2.598e+04	-1.094e+04
252	16	1.124e+05	9.380e+04	-0.42	0.0	0.0	-1297.92	960.48	519.20	3.894e+04	-8.904e+04	-2.052e+05
		-2.052e+05	-8.904e+04	-0.27	0.0	319.7	-1297.92	960.48	519.20	3.894e+04	9.380e+04	1.124e+05
252	17	1.728e+05	5.536e+04	-0.53	0.0	0.0	-527.32	1529.44	534.94	6.237e+04	-1.216e+05	-3.321e+05
		-3.321e+05	-1.216e+05	0.02	0.0	319.7	-527.32	1529.44	534.94	6.237e+04	5.536e+04	1.728e+05
253	1	1.710e+05	4.239e+04	-0.01	0.0	0.0	-7039.70	803.43	-543.07	-128.60	4.239e+04	-8.590e+04
		-8.590e+04	-1.313e+05	0.01	0.0	319.7	-6080.48	803.43	-543.07	-128.60	-1.313e+05	1.710e+05
253	2	7.091e+04	5.305e+05	8.90e-03	0.0	0.0	-8712.85	-334.61	2801.44	3873.42	-3.652e+05	7.091e+04
		-3.608e+04	-3.652e+05	-0.06	0.0	319.7	-8712.85	-334.61	2801.44	3873.42	5.305e+05	-3.608e+04
253	3	-294.07	871.25	3.81e-04	0.0	0.0	-4.04	1.65	18.25	-91.88	-4964.39	-820.80
		-820.80	-4964.39	1.20e-03	0.0	319.7	-4.04	1.65	18.25	-91.88	871.25	-294.07
253	4	1727.62	2852.83	7.21e-04	0.0	0.0	-17.92	-7.18	69.03	-296.33	-1.922e+04	1727.62
		-568.26	-1.922e+04	4.23e-03	0.0	319.7	-17.92	-7.18	69.03	-296.33	2852.83	-568.26
253	5	1.126e+04	6404.05	-1.26e-03	0.0	0.0	-50.65	-34.08	190.29	-843.51	-5.444e+04	1.126e+04
		364.61	-5.444e+04	0.01	0.0	319.7	-50.65	-34.08	190.29	-843.51	6404.05	364.61
253	6	2.266e+05	-1.006e+05	-0.39	0.0	0.0	-1874.79	-859.58	684.53	-4.116e+04	-2.598e+05	2.266e+05
		1.126e+05	-2.598e+05	0.14	0.0	319.7	-1874.79	-859.58	684.53	-4.116e+04	-1.006e+05	1.126e+05
253	7	1.958e+05	-6.903e+04	-0.03	0.0	0.0	-1468.67	-655.89	786.68	9437.29	-2.953e+05	1.958e+05
		-2.572e+04	-2.953e+05	0.16	0.0	319.7	-1468.67	-655.89	786.68	9437.29	-6.903e+04	-2.572e+04
253	8	4.326e+05	2.993e+05	-1.29	0.0	0.0	-1026.24	3664.98	-1282.54	-1.550e+05	2.993e+05	-7.791e+05
		-7.791e+05	-1.208e+05	-0.10	0.0	319.7	-1026.24	3664.98	-1282.54	-1.550e+05	-1.208e+05	4.326e+05
253	9	2.703e+05	2.036e+05	-0.92	0.0	0.0	-1060.00	2178.41	-880.36	-9.285e+04	-2.036e+05	-4.548e+05
		-4.548e+05	-9.229e+04	0.31	0.0	319.7	-1060.00	2178.41	-880.36	-9.285e+04	-9.229e+04	2.703e+05
253	10	1.317e+05	-5.657e+04	-0.21	0.0	0.0	-1010.90	-508.37	382.07	-2.304e+04	-1.401e+05	1.317e+05
		6.297e+04	-1.401e+05	0.07	0.0	319.7	-1010.90	-508.37	382.07	-2.304e+04	-5.657e+04	6.297e+04
253	11	1.070e+05	-3.859e+04	-0.01	0.0	0.0	-789.47	-362.36	423.80	5499.95	-1.576e+05	1.070e+05
		-1.526e+04	-1.576e+05	0.09	0.0	319.7	-789.47	-362.36	423.80	5499.95	-3.859e+04	-1.526e+04
253	12	2.340e+05	1.594e+05	-0.68	0.0	0.0	-610.44	2059.57	-687.73	-8.371e+04	1.594e+05	-4.478e+05
		-4.478e+05	-6.708e+04	-0.05	0.0	319.7	-610.44	2059.57	-687.73	-8.371e+04	-6.708e+04	2.340e+05
253	13	1.501e+05	1.036e+05	-0.51	0.0	0.0	-633.06	1247.49	-484.07	-5.178e+04	1.036e+05	-4.548e+05
		-2.651e+05	-5.303e+04	0.18	0.0	319.7	-633.06	1247.49	-484.07	-5.178e+04	-5.303e+04	1.501e+05
253	14	1.000e+05	-4.296e+04	-0.16	0.0	0.0	-760.74	-385.96	288.86	-1.731e+04	-1.053e+05	1.000e+05
		4.736e+04	-1.053e+05	0.06	0.0	319.7	-760.74	-385.96	288.86	-1.731e+04	-4.296e+04	4.736e+04
253	15	8.067e+04	-2.926e+04	-0.01	0.0	0.0	-592.75	-273.82	318.32	4203.19	-1.181e+05	8.067e+04
		-1.171e+04	-1.181e+05	0.07	0.0	319.7	-592.75	-273.82	318.32	4203.19	-2.926e+04	-1.171e+04
253	16	1.763e+05	1.197e+05	-0.51	0.0	0.0	-470.94	1565.40	-517.22	-6.305e+04	1.197e+05	-3.420e+05
		-3.420e+05	-5.090e+04	-0.04	0.0	319.7	-470.94	1565.40	-517.22	-6.305e+04	-5.090e+04	1.763e+05
253	17	1.130e+05	8.307e+04	-0.38	0.0	0.0	-491.45	947.14	-364.84	-3.900e+04	8.307e+04	-2.023e+05
		-2.023e+05	-4.058e+04	0.14	0.0	319.7	-491.45	947.14	-364.84	-3.900e+04	-4.058e+04	1.130e+05
254	1	1.654e+05	5.462e+04	-0.01	0.0	0.0	-7067.06	701.15	-631.86	852.42	5.462e+04	-5.881e+04
		-5.881e+04	-1.474e+05	0.01	0.0	319.7	-6107.84	701.15	-631.86	852.42	-1.474e+05	1.654e+05
254	2	1.629e+05	5.187e+05	-0.02	0.0	0.0	-8767.72	-640.31	2673.33	3727.08	-3.361e+05	1.629e+05
		-4.181e+04	-3.361e+05	-0.06	0.0	319.7	-8767.72	-640.31	2673.33	3727.08	5.187e+05	-4.181e+04
254	3	-16.76	1325.37	1.59e-05	0.0	0.0	0.97	0.25	-4.60	21.37	1325.37	-96.50
		-96.50	-145.37	-2.93e-04	0.0	319.7	0.97	0.25	-4.60	21.37	-145.37	-16.76
254	4	7275.36	1174.01	-1.03e-03	0.0	0.0	-9.25	-24.72	33.35	-142.35	-9490.02	7275.36
		-629.73	-9490.02	2.09e-03	0.0	319.7	-9.25	-24.72	33.35	-142.35	1174.01	-629.73
254	5	2.509e+04	5675.66	-3.79e-03	0.0	0.0	-45.57	-82.04	179.61	-804.82	-5.175e+04	2.509e+04
		-1145.76	-5.175e+04	0.01	0.0	319.7	-45.57	-82.04	179.61	-804.82	5675.66	-1145.76
254	6	9.228e+04	3.119e+05	-0.26	0.0	0.0	1479.32	997.18	-901.83	-3.731e+04	3.119e+05	-2.402e+05
		-2.402e+05	7.798e+04	-0.20	0.0	319.7	1479.32	997.18	-901.83	-3.731e+04	7.798e+04	9.228e+04
254	7	-2.831e+04	2.640e+05	0.12	0.0	0.0	1764.18	822.41	-627.75	9635.40	2.640e+05	-2.831e+04
		-2.613e+05	8.273e+04	-0.18	0.0	319.7	1764.18	822.41	-627.75	9635.40	8.273e+04	-2.613e+05
254	8	-2.436e+05	2.040e+05	1.04	0.0	0.0	2765.06	-1624.24	1289.41	8.715e+04	-2.550e+05	-3.500e+05
		-3.500e+05	-2.550e+05	-0.82	0.0	319.7	2765.06	-1624.24	1289.41	8.715e+04	2.040e+05	-2.436e+05
254	9	-3.918e+05	1.483e+05	1.34	0.0	0.0	1180.05	-2637.99	1500.03	1.469e+05	-3.407e+05	-5.739e+05
		-5.739e+05	-3.407e+05	-0.04	0.0	319.7	1180.05	-2637.99	1500.03	1.469e+05	1.483e+05	-3.918e+05
254	10	5.206e+04	1.662e+05	-0.15	0.0	0.0	823.86	548.94	-486.42	-2.100e+04	1.662e+05	-1.318e+05
		-1.318e+05	4.532e+04	-0.11	0.0	319.7	823.86	548.94	-486.42	-2.100e+04	4.532e+04	5.206e+04

254	11	-1.666e+04	1.407e+05	0.06	0.0	0.0	946.42	452.44	-338.47	5582.10	1.407e+05	-1.422e+05
		-1.422e+05	4.537e+04	-0.10	0.0	319.7	946.42	452.44	-338.47	5582.10	4.537e+04	-1.666e+04
254	12	-1.373e+05	1.208e+05	0.58	0.0	0.0	1650.42	-955.31	733.11	4.931e+04	-1.402e+05	-2.084e+05
		-2.084e+05	-1.402e+05	-0.45	0.0	319.7	1650.42	-955.31	733.11	4.931e+04	1.208e+05	-1.373e+05
254	13	-2.118e+05	8.159e+04	0.71	0.0	0.0	695.19	-1529.60	802.86	7.927e+04	-1.814e+05	-3.427e+05
		-3.427e+05	-1.814e+05	0.02	0.0	319.7	695.19	-1529.60	802.86	7.927e+04	8.159e+04	-2.118e+05
254	14	3.914e+04	1.246e+05	-0.11	0.0	0.0	626.56	413.82	-366.05	-1.578e+04	1.246e+05	-9.949e+04
		-9.949e+04	3.480e+04	-0.08	0.0	319.7	626.56	413.82	-366.05	-1.578e+04	3.480e+04	3.914e+04
254	15	-1.274e+04	1.054e+05	0.05	0.0	0.0	710.70	341.36	-254.37	4259.49	1.054e+05	-1.070e+05
		-1.070e+05	3.428e+04	-0.07	0.0	319.7	710.70	341.36	-254.37	4259.49	3.428e+04	-1.274e+04
254	16	-1.035e+05	9.370e+04	0.43	0.0	0.0	1285.70	-729.37	559.70	3.716e+04	-1.056e+05	-1.599e+05
		-1.599e+05	-1.056e+05	-0.34	0.0	319.7	1285.70	-729.37	559.70	3.716e+04	9.370e+04	-1.035e+05
254	17	-1.596e+05	6.184e+04	0.53	0.0	0.0	536.27	-1170.52	603.77	5.972e+04	-1.362e+05	-2.638e+05
		-2.638e+05	-1.362e+05	-0.02	0.0	319.7	536.27	-1170.52	603.77	5.972e+04	6.184e+04	-1.596e+05
255	1	1.631e+05	1.312e+05	-0.01	0.0	0.0	-7037.49	692.91	552.17	-952.91	-4.538e+04	-5.848e+04
		-5.848e+04	-4.538e+04	0.01	0.0	319.7	-6078.27	692.91	552.17	-952.91	1.312e+05	1.631e+05
255	2	1.628e+05	3.386e+05	-0.02	0.0	0.0	-8685.86	-643.60	-2705.01	-3821.67	3.386e+05	1.628e+05
		-4.294e+04	-5.263e+05	0.06	0.0	319.7	-8685.86	-643.60	-2705.01	-3821.67	-5.263e+05	-4.294e+04
255	3	291.21	607.48	-3.74e-04	0.0	0.0	2.22	2.41	9.97	21.91	-2579.25	-479.22
		-479.22	-2579.25	4.50e-04	0.0	319.7	2.22	2.41	9.97	21.91	607.48	291.21
255	4	6703.81	7806.15	-1.30e-03	0.0	0.0	-7.56	-21.46	-26.02	205.46	7806.15	6703.81
		-158.79	-512.01	-1.88e-03	0.0	319.7	-7.56	-21.46	-26.02	205.46	-512.01	-158.79
255	5	2.510e+04	5.225e+04	-3.79e-03	0.0	0.0	-45.88	-81.85	-181.12	801.36	5.225e+04	2.510e+04
		-1072.93	-5663.05	-0.01	0.0	319.7	-45.88	-81.85	-181.12	801.36	-5663.05	-1072.93
255	6	2.291e+05	3.386e+05	0.28	0.0	0.0	-1373.89	-990.08	-1005.20	-4.030e+04	3.386e+05	2.291e+05
		-1.009e+05	7.692e+04	-0.19	0.0	319.7	-1373.89	-990.08	-1005.20	-4.030e+04	7.692e+04	-1.009e+05
255	7	2.327e+05	2.879e+05	-0.09	0.0	0.0	-1753.72	-737.18	-721.18	8065.84	2.879e+05	2.327e+05
		2.519e+04	7.700e+04	-0.17	0.0	319.7	-1753.72	-737.18	-721.18	8065.84	7.700e+04	2.519e+04
255	8	-3.994e+05	3.333e+05	1.33	0.0	0.0	1097.33	-2737.49	-1467.55	-1.469e+05	3.333e+05	-6.093e+05
		-6.093e+05	-1.430e+05	-0.04	0.0	319.7	1097.33	-2737.49	-1467.55	-1.469e+05	-1.430e+05	-6.093e+05
255	9	-2.474e+05	2.482e+05	0.96	0.0	0.0	1069.88	-1606.18	-1051.30	-8.731e+04	2.482e+05	-3.590e+05
		-3.590e+05	-1.021e+05	0.45	0.0	319.7	1069.88	-1606.18	-1051.30	-8.731e+04	-1.021e+05	-3.590e+05
255	10	1.285e+05	1.804e+05	0.16	0.0	0.0	-753.82	-553.93	-540.81	-2.253e+04	1.804e+05	1.285e+05
		-5.674e+04	4.488e+04	-0.10	0.0	319.7	-753.82	-553.93	-540.81	-2.253e+04	4.488e+04	-5.674e+04
255	11	1.267e+05	1.534e+05	-0.05	0.0	0.0	-938.56	-405.65	-387.70	4764.62	1.534e+05	1.267e+05
		1.490e+04	4.250e+04	-0.09	0.0	319.7	-938.56	-405.65	-387.70	4764.62	4.250e+04	1.490e+04
255	12	-2.166e+05	1.775e+05	0.71	0.0	0.0	638.55	-1598.06	-784.94	-7.946e+04	1.775e+05	-3.649e+05
		-3.649e+05	-7.811e+04	-0.02	0.0	319.7	638.55	-1598.06	-784.94	-7.946e+04	-7.811e+04	-3.649e+05
255	13	-1.378e+05	1.346e+05	0.53	0.0	0.0	639.76	-944.92	-575.94	-4.880e+04	1.346e+05	-2.140e+05
		-2.140e+05	-5.837e+04	0.26	0.0	319.7	639.76	-944.92	-575.94	-4.880e+04	-5.837e+04	-2.140e+05
255	14	9.745e+04	1.353e+05	0.12	0.0	0.0	-568.90	-419.02	-406.36	-1.693e+04	1.353e+05	9.745e+04
		-4.270e+04	3.428e+04	-0.08	0.0	319.7	-568.90	-419.02	-406.36	-1.693e+04	3.428e+04	-4.270e+04
255	15	9.536e+04	1.149e+05	-0.04	0.0	0.0	-703.97	-306.09	-290.99	3651.10	1.149e+05	9.536e+04
		1.141e+04	3.211e+04	-0.07	0.0	319.7	-703.97	-306.09	-290.99	3651.10	3.211e+04	1.141e+04
255	16	-1.633e+05	1.332e+05	0.53	0.0	0.0	490.10	-1224.41	-589.89	-5.986e+04	1.332e+05	-2.811e+05
		-2.811e+05	-5.904e+04	-0.02	0.0	319.7	490.10	-1224.41	-589.89	-5.986e+04	-5.904e+04	-2.811e+05
255	17	-1.038e+05	1.010e+05	0.40	0.0	0.0	496.39	-723.07	-433.55	-3.677e+04	1.010e+05	-1.646e+05
		-1.646e+05	-4.453e+04	0.19	0.0	319.7	496.39	-723.07	-433.55	-3.677e+04	-4.453e+04	-1.646e+05
273	1	1.351e+05	1.913e+05	-5.63e-03	0.0	0.0	-5745.28	2499.67	2167.52	-5839.31	-1.431e+04	-1.020e+05
		-1.020e+05	-1.431e+04	2.46e-03	0.0	94.9	-5460.73	2499.67	2167.52	-5839.31	1.913e+05	1.351e+05
273	2	2.738e+05	6.894e+04	-5.75e-03	0.0	0.0	-1.609e+04	5088.99	1114.14	-3019.71	-3.674e+04	-2.089e+05
		-2.089e+05	-3.674e+04	-6.17e-04	0.0	94.9	-1.609e+04	5088.99	1114.14	-3019.71	6.894e+04	2.738e+05
273	3	244.09	819.80	4.89e-05	0.0	0.0	158.65	-10.08	-9.12	5.84	819.80	244.09
		-711.59	-45.12	-4.34e-05	0.0	94.9	158.65	-10.08	-9.12	5.84	-45.12	-711.59
273	4	2924.16	381.75	4.11e-04	0.0	0.0	153.17	135.80	-9.45	-441.32	381.75	-9956.83
		-9956.83	-514.61	5.35e-06	0.0	94.9	153.17	135.80	-9.45	-441.32	-514.61	2924.16
273	5	8609.06	-745.54	4.44e-04	0.0	0.0	-171.13	-102.97	6.51	-2223.80	-1363.30	8609.06
		-1157.72	-1363.30	-9.30e-05	0.0	94.9	-171.13	-102.97	6.51	-2223.80	-745.54	-1157.72
273	6	9.109e+04	3.986e+05	-1.99e-03	0.0	0.0	-3223.04	1626.24	-7060.32	-1.872e+04	3.986e+05	-6.546e+04
		-6.546e+04	-2.711e+05	0.12	0.0	94.9	-3223.04	1626.24	-7060.32	-1.872e+04	-2.711e+05	-6.546e+04
273	7	1.317e+05	4.428e+05	-9.42e-03	0.0	0.0	3379.48	2829.50	-7978.10	-1.899e+04	4.428e+05	-1.367e+05
		-1.367e+05	-3.140e+05	0.13	0.0	94.9	3379.48	2829.50	-7978.10	-1.899e+04	-3.140e+05	1.317e+05
273	8	9.415e+04	6.195e+04	-0.04	0.0	0.0	1.902e+04	3663.47	1954.73	8375.64	-1.265e+05	-2.570e+05
		-2.570e+05	-1.265e+05	-0.04	0.0	94.9	1.902e+04	3663.47	1954.73	8375.64	6.195e+04	9.415e+04
273	9	9.757e+04	9.456e+04	-0.05	0.0	0.0	2.314e+04	3801.88	-1903.89	6526.48	9.456e+04	-2.719e+05
		-2.719e+05	-8.661e+04	0.02	0.0	94.9	2.314e+04	3801.88	-1903.89	6526.48	-8.661e+04	9.757e+04
273	10	4.873e+04	2.133e+05	-8.30e-04	0.0	0.0	-1815.12	877.28	-3778.10	-9990.97	2.133e+05	-3.593e+04
		-3.593e+04	-1.451e+05	0.06	0.0	94.9	-1815.12	877.28	-3778.10	-9990.97	-1.451e+05	4.873e+04
273	11	7.066e+04	2.366e+05	-5.01e-03	0.0	0.0	1799.30	1518.43	-4260.30	-1.014e+04	2.366e+05	-7.340e+04
		-7.340e+04	-1.675e+05	0.07	0.0	94.9	1799.30	1518.43	-4260.30	-1.014e+04	-1.675e+05	7.066e+04
273	12	5.149e+04	-3.410e+04	-0.02	0.0	0.0	1.034e+04	1980.32	1054.23	4518.02	-6.772e+04	-1.387e+05
		-1.387e+05	-6.772e+04	-0.02	0.0	94.9	1.034e+04	1980.32	1054.23	4518.02	-3.410e+04	5.149e+04
273	13	5.466e+04	5.124e+04	-0.02	0.0	0.0	1.231e+04	2049.03	-1024.61	3660.10	5.124e+04	-1.453e+05
		-1.453e+05	-4.633e+04	0.01	0.0	94.9	1.231e+04	2049.03	-1024.61	3660.10	-4.633e+04	5.466e+04
273	14	3.657e+04	1.600e+05	-6.21e-04	0.0	0.0	-1362.91	659.21	-2833.73	-7493.59	1.600e+05	-2.706e+04
		-2.706e+04	-1.088e+05	0.05	0.0	94.9	-1362.91	659.21	-2833.73	-7493.59	-1.088e+05	3.657e+04

273	15	5.301e+04	1.774e+05	-3.75e-03	0.0	0.0	1347.71	1139.13	-3192.85	-7600.45	1.774e+05	-5.507e+04
		-5.507e+04	-1.255e+05	0.05	0.0	94.9	1347.71	1139.13	-3192.85	-7600.45	-1.255e+05	5.301e+04
273	16	3.882e+04	-2.562e+04	-0.02	0.0	0.0	7759.74	1487.30	791.75	3400.05	-5.085e+04	-1.041e+05
		-1.041e+05	-5.085e+04	-0.01	0.0	94.9	7759.74	1487.30	791.75	3400.05	-2.562e+04	3.882e+04
273	17	4.155e+04	3.861e+04	-0.02	0.0	0.0	9242.29	1543.25	-770.84	2779.33	3.861e+04	-1.092e+05
		-1.092e+05	-3.481e+04	7.71e-03	0.0	94.9	9242.29	1543.25	-770.84	2779.33	-3.481e+04	4.155e+04
274	1	1.335e+05	1.432e+04	-5.50e-03	0.0	0.0	-5806.28	2461.26	-2167.82	5817.30	1.432e+04	-9.996e+04
		-9.996e+04	-1.913e+05	-2.48e-03	0.0	94.9	-5521.73	2461.26	-2167.82	5817.30	-1.913e+05	1.335e+05
274	2	2.709e+05	3.960e+04	-5.39e-03	0.0	0.0	-1.675e+04	5004.54	-1154.90	2879.25	3.960e+04	-2.038e+05
		-2.038e+05	-6.994e+04	6.60e-04	0.0	94.9	-1.675e+04	5004.54	-1154.90	2879.25	-6.994e+04	2.709e+05
274	3	1364.19	19.49	1.70e-04	0.0	0.0	-57.27	-25.19	2.49	-56.56	-216.94	1364.19
		-1025.47	-216.94	-3.78e-05	0.0	94.9	-57.27	-25.19	2.49	-56.56	19.49	-1025.47
274	4	2394.32	637.27	5.95e-04	0.0	0.0	-173.90	111.98	-2.48	365.57	637.27	-8227.31
		-8227.31	401.89	-9.93e-05	0.0	94.9	-173.90	111.98	-2.48	365.57	401.89	2394.32
274	5	8834.88	1459.98	4.58e-04	0.0	0.0	-177.40	-107.92	-7.83	2227.59	1459.98	8834.88
		-1400.93	717.56	1.05e-04	0.0	94.9	-177.40	-107.92	-7.83	2227.59	717.56	-1400.93
274	6	2.927e+04	3.947e+05	-7.68e-04	0.0	0.0	-3676.13	-955.53	-6947.60	-1.913e+04	3.947e+05	2.927e+04
		-6.775e+04	-2.643e+05	0.12	0.0	94.9	-3676.13	-955.53	-6947.60	-1.913e+04	-2.643e+05	2.643e+05
274	7	9.326e+04	4.412e+05	0.15	0.0	0.0	-3781.71	-2104.41	-7886.61	-1.963e+04	4.412e+05	9.326e+04
		-1.064e+05	-3.070e+05	0.13	0.0	94.9	-3781.71	-2104.41	-7886.61	-1.963e+04	-3.070e+05	1.064e+05
274	8	9.868e+04	1.019e+05	-0.04	0.0	0.0	2.331e+04	3687.09	2367.78	-3749.57	-1.233e+05	-2.612e+05
		-2.612e+05	-1.233e+05	-0.03	0.0	94.9	2.331e+04	3687.09	2367.78	-3749.57	1.019e+05	9.868e+04
274	9	1.039e+05	1.139e+05	-0.04	0.0	0.0	1.958e+04	3940.17	-1655.55	-6825.70	1.139e+05	-2.733e+05
		-2.733e+05	4.675e+04	0.03	0.0	94.9	1.958e+04	3940.17	-1655.55	-6825.70	4.675e+04	1.039e+05
274	10	1.654e+04	2.113e+05	-5.21e-04	0.0	0.0	-2071.39	-517.08	-3719.28	-1.022e+04	2.113e+05	1.654e+04
		-3.623e+04	-1.415e+05	0.06	0.0	94.9	-2071.39	-517.08	-3719.28	-1.022e+04	-1.415e+05	3.623e+04
274	11	5.016e+04	2.358e+05	0.08	0.0	0.0	-2012.59	-1130.46	-4212.45	-1.049e+04	2.358e+05	5.016e+04
		-5.713e+04	-1.638e+05	0.07	0.0	94.9	-2012.59	-1130.46	-4212.45	-1.049e+04	-1.638e+05	5.713e+04
274	12	5.575e+04	5.453e+04	-0.02	0.0	0.0	1.240e+04	1996.04	1274.67	-2039.96	-6.673e+04	-1.400e+05
		-1.400e+05	-6.673e+04	-0.01	0.0	94.9	1.240e+04	1996.04	1274.67	-2039.96	5.453e+04	5.575e+04
274	13	5.676e+04	6.114e+04	-0.02	0.0	0.0	1.061e+04	2123.34	-897.31	-3627.95	6.114e+04	-1.469e+05
		-1.469e+05	2.612e+04	0.02	0.0	94.9	1.061e+04	2123.34	-897.31	-3627.95	2.612e+04	5.676e+04
274	14	1.255e+04	1.585e+05	-3.92e-04	0.0	0.0	-1555.48	-389.35	-2789.65	-7668.94	1.585e+05	1.255e+04
		-2.720e+04	-1.061e+05	0.05	0.0	94.9	-1555.48	-389.35	-2789.65	-7668.94	-1.061e+05	2.720e+04
274	15	3.766e+04	1.768e+05	0.06	0.0	0.0	-1507.68	-848.35	-3157.18	-7858.96	1.768e+05	3.766e+04
		-4.286e+04	-1.227e+05	0.05	0.0	94.9	-1507.68	-848.35	-3157.18	-7858.96	-1.227e+05	4.286e+04
274	16	4.243e+04	4.097e+04	-0.02	0.0	0.0	9307.13	1504.01	958.64	-1533.92	-5.024e+04	-1.052e+05
		-1.052e+05	-5.024e+04	-0.01	0.0	94.9	9307.13	1504.01	958.64	-1533.92	4.097e+04	4.243e+04
274	17	4.287e+04	4.595e+04	-0.02	0.0	0.0	7963.61	1596.58	-674.46	-2723.19	4.595e+04	-1.103e+05
		-1.103e+05	1.964e+04	0.01	0.0	94.9	7963.61	1596.58	-674.46	-2723.19	1.964e+04	4.287e+04
276	1	7.389e+04	1.603e+05	5.28e-03	0.0	0.0	-5355.68	-774.13	1081.06	3972.91	-5.947e+04	7.389e+04
		-8.351e+04	-5.947e+04	-0.01	0.0	203.3	-4745.69	-774.13	1081.06	3972.91	1.603e+05	-8.351e+04
276	2	1.246e+05	-3.126e+04	-2.46e-03	0.0	0.0	-1.005e+04	-1041.93	-151.13	-1.503e+04	-3.126e+04	1.246e+05
		-8.726e+04	-6.199e+04	9.06e-03	0.0	203.3	-1.005e+04	-1041.93	-151.13	-1.503e+04	-6.199e+04	-8.726e+04
276	3	410.23	876.84	2.66e-05	0.0	0.0	0.41	-3.28	-4.69	90.23	876.84	410.23
		-257.62	-77.62	-8.46e-05	0.0	203.3	0.41	-3.28	-4.69	90.23	-77.62	-257.62
276	4	7328.23	1228.60	-6.16e-04	0.0	0.0	72.81	-34.92	22.12	-30.01	-3269.03	7328.23
		227.10	-3269.03	2.59e-04	0.0	203.3	72.81	-34.92	22.12	-30.01	1228.60	227.10
276	5	2220.79	5444.62	-3.18e-04	0.0	0.0	14.28	1.83	120.51	-814.28	-1.906e+04	1848.51
		1848.51	-1.906e+04	1.60e-03	0.0	203.3	14.28	1.83	120.51	-814.28	5444.62	2220.79
276	6	1.237e+05	1.746e+04	0.01	0.0	0.0	-4501.04	-2035.23	-98.26	-4877.19	1.746e+04	1.237e+05
		-2.916e+05	-5768.43	3.37e-03	0.0	203.3	-4501.04	-2035.23	-98.26	-4877.19	-5768.43	-2.916e+05
276	7	8.570e+04	2.532e+04	0.02	0.0	0.0	-2771.18	-1367.49	-186.11	-2991.34	2.532e+04	8.570e+04
		-1.925e+05	-1.260e+04	0.01	0.0	203.3	-2771.18	-1367.49	-186.11	-2991.34	-1.260e+04	-1.925e+05
276	8	4.080e+05	2.621e+04	-0.02	0.0	0.0	6910.22	2431.24	317.82	-8469.87	-4.048e+04	-8.676e+04
		-8.676e+04	-4.048e+04	-5.23e-03	0.0	203.3	6910.22	2431.24	317.82	-8469.87	2.621e+04	4.080e+05
276	9	6.059e+05	2.009e+04	-0.02	0.0	0.0	1.177e+04	3572.87	138.21	-4116.70	-2.322e+04	-1.208e+05
		-1.208e+05	-2.322e+04	0.01	0.0	203.3	1.177e+04	3572.87	138.21	-4116.70	2.009e+04	6.059e+05
276	10	6.655e+04	1.010e+04	7.22e-03	0.0	0.0	-2435.50	-1092.26	-57.34	-2627.62	1.010e+04	6.655e+04
		-1.565e+05	-3182.27	1.83e-03	0.0	203.3	-2435.50	-1092.26	-57.34	-2627.62	-3182.27	-1.565e+05
276	11	4.666e+04	1.373e+04	9.47e-03	0.0	0.0	-1515.70	-743.50	-100.50	-1615.76	1.373e+04	4.666e+04
		-1.046e+05	-6760.30	5.64e-03	0.0	203.3	-1515.70	-743.50	-100.50	-1615.76	-6760.30	-1.046e+05
276	12	2.257e+05	1.405e+04	-9.19e-03	0.0	0.0	3896.20	1346.72	170.19	-4536.94	-2.190e+04	-4.839e+04
		-4.839e+04	-2.190e+04	-3.18e-03	0.0	203.3	3896.20	1346.72	170.19	-4536.94	1.405e+04	2.257e+05
276	13	3.241e+05	1.107e+04	-0.01	0.0	0.0	6344.20	1911.26	81.25	-2340.47	-1.318e+04	-6.460e+04
		-6.460e+04	-1.318e+04	6.74e-03	0.0	203.3	6344.20	1911.26	81.25	-2340.47	1.107e+04	3.241e+05
276	14	5.000e+04	7592.32	5.41e-03	0.0	0.0	-1827.26	-819.82	-43.10	-1972.76	7592.32	5.000e+04
		-1.175e+05	-2389.89	1.37e-03	0.0	203.3	-1827.26	-819.82	-43.10	-1972.76	-2389.89	-1.175e+05
276	15	3.511e+04	1.032e+04	7.11e-03	0.0	0.0	-1141.71	-559.32	-75.51	-1213.79	1.032e+04	3.511e+04
		-7.871e+04	-5072.42	4.23e-03	0.0	203.3	-1141.71	-559.32	-75.51	-1213.79	-5072.42	-7.871e+04
276	16	1.696e+05	1.056e+04	-6.91e-03	0.0	0.0	2935.70	1012.28	127.78	-3409.72	-1.644e+04	-3.637e+04
		-3.637e+04	-1.644e+04	-2.39e-03	0.0	203.3	2935.70	1012.28	127.78	-3409.72	1.056e+04	1.696e+05
276	17	2.436e+05	8347.49	-8.71e-03	0.0	0.0	4777.25	1436.76	61.21	-1764.03	-9903.35	-4.856e+04
		-4.856e+04	-9903.35	5.06e-03	0.0	203.3	4777.25	1436.76	61.21	-1764.03	8347.49	2.436e+05
277	1	7.721e+04	6.066e+04	5.53e-03	0.0	0.0	-5344.26	-802.73	-1087.34	-3892.67	6.066e+04	7.721e+04
		-8.601e+04	-1.604e+05	0.01	0.0	203.3	-4734.27	-802.73	-1087.34	-3892.67	-1.604e+05	-8.601e+04

277	2	1.181e+05	6.115e+04	-2.55e-03	0.0	0.0	-9807.70	-976.86	115.45	1.549e+04	3.768e+04	1.181e+05
		-8.054e+04	3.768e+04	-9.37e-03	0.0	203.3	-9807.70	-976.86	115.45	1.549e+04	6.115e+04	-8.054e+04
277	3	4804.41	905.87	-5.39e-04	0.0	0.0	81.33	45.05	-4.89	74.10	905.87	-4354.81
		-4354.81	-87.67	-9.14e-05	0.0	203.3	81.33	45.05	-4.89	74.10	-87.67	4804.41
277	4	7460.85	6079.41	-1.30e-03	0.0	0.0	194.26	34.37	-37.41	283.57	6079.41	473.10
		473.10	-1526.36	-5.20e-04	0.0	203.3	194.26	34.37	-37.41	283.57	-1526.36	7460.85
277	5	2639.26	2.029e+04	-2.18e-04	0.0	0.0	11.99	-6.99	-128.72	860.32	2.029e+04	2639.26
		1217.62	-5878.65	-1.68e-03	0.0	203.3	11.99	-6.99	-128.72	860.32	-5878.65	1217.62
277	6	2.693e+05	4.469e+04	-0.02	0.0	0.0	4629.60	1726.87	-283.55	3435.39	4.469e+04	-8.330e+04
		-8.330e+04	-1.380e+04	-2.70e-03	0.0	203.3	4629.60	1726.87	-283.55	3435.39	-1.380e+04	2.693e+05
277	7	1.638e+05	6.404e+04	-8.11e-03	0.0	0.0	2741.83	1038.52	-413.98	2456.50	6.404e+04	-4.848e+04
		-4.848e+04	-2.033e+04	8.74e-03	0.0	203.3	2741.83	1038.52	-413.98	2456.50	-2.033e+04	1.638e+05
277	8	5.955e+05	2.568e+04	-0.02	0.0	0.0	1.179e+04	3494.29	-154.27	3771.06	2.568e+04	-1.152e+05
		-1.152e+05	-2.244e+04	-6.39e-03	0.0	203.3	1.179e+04	3494.29	-154.27	3771.06	-2.244e+04	5.955e+05
277	9	4.056e+05	3.700e+04	-0.02	0.0	0.0	6938.80	2390.12	-313.02	7861.13	3.700e+04	-8.062e+04
		-8.062e+04	-2.836e+04	8.34e-03	0.0	203.3	6938.80	2390.12	-313.02	7861.13	-2.836e+04	4.056e+05
277	10	1.448e+05	2.508e+04	-8.07e-03	0.0	0.0	2504.67	929.02	-157.53	2040.07	2.508e+04	-4.512e+05
		-4.512e+05	-7451.73	-1.54e-03	0.0	203.3	2504.67	929.02	-157.53	2040.07	-7451.73	1.448e+05
277	11	8.933e+04	3.461e+04	-4.43e-03	0.0	0.0	1495.74	569.47	-223.16	1480.06	3.461e+04	-2.718e+04
		-2.718e+04	-1.089e+04	4.64e-03	0.0	203.3	1495.74	569.47	-223.16	1480.06	-1.089e+04	8.933e+04
277	12	3.191e+05	1.461e+04	-0.01	0.0	0.0	6366.50	1872.87	-90.96	2211.05	1.461e+04	-6.179e+04
		-6.179e+04	-1.237e+04	-3.68e-03	0.0	203.3	6366.50	1872.87	-90.96	2211.05	-1.237e+04	3.191e+05
277	13	2.224e+05	1.986e+04	-9.02e-03	0.0	0.0	3869.85	1312.22	-166.83	4211.98	1.986e+04	-4.454e+04
		-4.454e+04	-1.518e+04	4.75e-03	0.0	203.3	3869.85	1312.22	-166.83	4211.98	-1.518e+04	2.224e+05
277	14	1.086e+05	1.896e+04	-6.05e-03	0.0	0.0	1879.49	697.37	-118.90	1559.71	1.896e+04	-3.394e+04
		-3.394e+04	-5597.60	-1.17e-03	0.0	203.3	1879.49	697.37	-118.90	1559.71	-5597.60	1.086e+05
277	15	6.724e+04	2.600e+04	-3.34e-03	0.0	0.0	1126.03	429.17	-167.58	1135.07	2.600e+04	-2.058e+04
		-2.058e+04	-8169.00	3.47e-03	0.0	203.3	1126.03	429.17	-167.58	1135.07	-8169.00	6.724e+04
277	16	2.399e+05	1.097e+04	-8.65e-03	0.0	0.0	4795.54	1408.13	-68.56	1670.52	1.097e+04	-4.646e+04
		-4.646e+04	-9329.95	-2.76e-03	0.0	203.3	4795.54	1408.13	-68.56	1670.52	-9329.95	2.399e+05
277	17	1.672e+05	1.491e+04	-6.78e-03	0.0	0.0	2915.81	986.25	-125.27	3167.04	1.491e+04	-3.348e+04
		-3.348e+04	-1.141e+04	3.56e-03	0.0	203.3	2915.81	986.25	-125.27	3167.04	-1.141e+04	1.672e+05
280	1	1.231e+05	1.594e+05	-0.01	0.0	0.0	-6060.09	1007.25	912.97	-3465.48	-5.172e+04	-1.099e+05
		-1.099e+05	-5.172e+04	-0.01	0.0	231.3	-5366.22	1007.25	912.97	-3465.48	-1.594e+05	1.231e+05
280	2	1.042e+05	-1.710e+04	-0.01	0.0	0.0	-1.151e+04	1186.26	-307.69	1.125e+04	-1.710e+04	-1.702e+05
		-1.702e+05	-8.826e+04	0.01	0.0	231.3	-1.151e+04	1186.26	-307.69	1.125e+04	-8.826e+04	1.042e+05
280	3	724.14	562.98	5.89e-05	0.0	0.0	4.18	-5.87	-2.81	-13.23	562.98	724.14
		-634.63	-85.80	-6.26e-05	0.0	231.3	4.18	-5.87	-2.81	-13.23	-85.80	-634.63
280	4	-2502.92	920.18	1.01e-03	0.0	0.0	74.09	10.24	18.71	107.94	-3407.23	-4870.59
		-4870.59	-3407.23	3.79e-04	0.0	231.3	74.09	10.24	18.71	107.94	920.18	-2502.92
280	5	161.78	4125.65	8.53e-04	0.0	0.0	77.28	-19.64	94.13	611.69	-1.765e+04	161.78
		-4380.20	-1.765e+04	1.98e-03	0.0	231.3	77.28	-19.64	94.13	611.69	4125.65	-4380.20
280	6	2.298e+05	1.332e+05	-0.04	0.0	0.0	-3050.76	1631.78	-741.64	-1.314e+04	1.332e+05	-1.529e+05
		-1.529e+05	-3.840e+04	0.05	0.0	231.3	-3050.76	1631.78	-741.64	-1.314e+04	-3.840e+04	2.298e+05
280	7	3.071e+05	1.518e+05	-0.04	0.0	0.0	-3553.98	2192.39	-854.90	-1.363e+04	1.518e+05	-2.003e+05
		-2.003e+05	-4.600e+04	0.06	0.0	231.3	-3553.98	2192.39	-854.90	-1.363e+04	-4.600e+04	3.071e+05
280	8	4.933e+05	-1.190e+04	-0.03	0.0	0.0	-9231.44	2801.77	217.93	-6553.45	-1.190e+04	-1.553e+05
		-1.553e+05	-4.835e+04	-0.01	0.0	231.3	-9231.44	2801.77	217.93	-6553.45	-1.190e+04	4.933e+05
280	9	7.615e+05	1.983e+04	-0.04	0.0	0.0	-1.510e+04	4271.00	-191.22	-5345.76	1.983e+04	-2.270e+05
		-2.270e+05	-2.794e+04	6.84e-03	0.0	231.3	-1.510e+04	4271.00	-191.22	-5345.76	-2.794e+04	7.615e+05
280	10	1.291e+05	7.122e+04	-0.02	0.0	0.0	-1781.82	904.79	-396.58	-7017.40	7.122e+04	-8.324e+04
		-8.324e+04	-2.057e+04	0.03	0.0	231.3	-1781.82	904.79	-396.58	-7017.40	-2.057e+04	1.291e+05
280	11	1.644e+05	8.110e+04	-0.02	0.0	0.0	-1899.41	1174.27	-456.50	-7295.02	8.110e+04	-1.074e+05
		-1.074e+05	-2.452e+04	0.03	0.0	231.3	-1899.41	1174.27	-456.50	-7295.02	-2.452e+04	1.644e+05
280	12	2.725e+05	-6986.05	-0.02	0.0	0.0	-5145.04	1545.94	118.21	-3600.13	-2.584e+04	-8.533e+04
		-8.533e+04	-2.584e+04	-7.62e-03	0.0	231.3	-5145.04	1545.94	118.21	-3600.13	-6986.05	2.725e+05
280	13	4.068e+05	1.109e+04	-0.02	0.0	0.0	-8088.69	2279.37	-102.59	-2967.53	1.109e+04	-1.208e+05
		-1.208e+05	-1.489e+04	3.69e-03	0.0	231.3	-8088.69	2279.37	-102.59	-2967.53	-1.489e+04	4.068e+05
280	14	9.733e+04	5.341e+04	-0.01	0.0	0.0	-1344.14	681.41	-297.42	-5264.99	5.341e+04	-6.261e+04
		-6.261e+04	-1.542e+04	0.02	0.0	231.3	-1344.14	681.41	-297.42	-5264.99	-1.542e+04	9.733e+04
280	15	1.233e+05	6.079e+04	-0.01	0.0	0.0	-1423.98	880.64	-342.12	-5469.96	6.079e+04	-8.057e+04
		-8.057e+04	-1.837e+04	0.02	0.0	231.3	-1423.98	880.64	-342.12	-5469.96	-1.837e+04	1.233e+05
280	16	2.048e+05	-5289.99	-0.01	0.0	0.0	-3870.45	1161.59	89.02	-2722.59	-1.943e+04	-6.407e+04
		-6.407e+04	-1.943e+04	-5.72e-03	0.0	231.3	-3870.45	1161.59	89.02	-2722.59	-5289.99	2.048e+05
280	17	3.057e+05	8366.80	-0.02	0.0	0.0	-6082.54	1712.51	-77.07	-2243.46	8366.80	-9.074e+04
		-9.074e+04	-1.118e+04	2.77e-03	0.0	231.3	-6082.54	1712.51	-77.07	-2243.46	-1.118e+04	3.057e+05
281	1	1.218e+05	5.197e+04	-0.01	0.0	0.0	-6047.07	996.60	-913.29	3396.52	5.197e+04	-1.087e+05
		-1.087e+05	-1.593e+05	0.01	0.0	231.3	-5353.20	996.60	-913.29	3396.52	-1.593e+05	1.218e+05
281	2	1.017e+05	8.793e+04	-0.01	0.0	0.0	-1.145e+04	1177.65	297.30	-1.132e+04	1.017e+05	-1.707e+05
		-1.707e+05	1.917e+04	-0.01	0.0	231.3	-1.145e+04	1177.65	297.30	-1.132e+04	8.793e+04	1.017e+05
281	3	272.08	87.66	2.62e-04	0.0	0.0	33.52	-8.30	1.14	-1.66	-175.95	272.08
		-1648.19	-175.95	1.90e-05	0.0	231.3	33.52	-8.30	1.14	-1.66	87.66	-1648.19
281	4	-3970.55	4070.79	1.32e-03	0.0	0.0	116.48	6.78	-21.73	-133.18	4070.79	-5538.37
		-5538.37	-956.24	-4.37e-04	0.0	231.3	116.48	6.78	-21.73	-133.18	-956.24	-3970.55
281	5	328.72	1.785e+04	8.71e-04	0.0	0.0	72.99	-20.11	-95.29	-629.37	1.785e+04	328.72
		-4322.94	-4194.38	-1.98e-03	0.0	231.3	72.99	-20.11	-95.29	-629.37	-4194.38	-4322.94

281	6	1.315e+05	1.212e+05	0.04	0.0	0.0	2923.66	-1392.13	-681.41	-1.323e+04	1.212e+05	1.315e+05
		-1.982e+05	-3.645e+04	0.06	0.0	231.3	2923.66	-1392.13	-681.41	-1.323e+04	-3.645e+04	-1.982e+05
281	7	1.776e+05	1.407e+05	0.16	0.0	0.0	2994.18	-1912.74	-798.73	-1.364e+04	1.407e+05	1.776e+05
		-2.651e+05	-4.413e+04	0.06	0.0	231.3	2994.18	-1912.74	-798.73	-1.364e+04	-4.413e+04	-2.651e+05
281	8	7.528e+05	2.969e+04	-0.04	0.0	0.0	-1.495e+04	4217.46	249.77	5234.15	-3.105e+04	-2.237e+05
		-2.237e+05	-3.105e+04	-9.97e-03	0.0	231.3	-1.495e+04	4217.46	249.77	5234.15	2.969e+04	7.528e+05
281	9	5.109e+05	4.116e+04	-0.03	0.0	0.0	-9437.61	2914.37	-174.67	6549.82	4.116e+04	-1.638e+05
		-1.638e+05	1.139e+04	0.01	0.0	231.3	-9437.61	2914.37	-174.67	6549.82	1.139e+04	5.109e+05
281	10	7.166e+04	6.486e+04	0.02	0.0	0.0	1710.12	-776.44	-364.66	-7070.20	6.486e+04	7.166e+04
		-1.123e+05	-1.953e+04	0.03	0.0	231.3	1710.12	-776.44	-364.66	-7070.20	-1.953e+04	-1.123e+05
281	11	9.527e+04	7.520e+04	0.09	0.0	0.0	1602.93	-1025.09	-426.73	-7308.73	7.520e+04	9.527e+04
		-1.420e+05	-2.354e+04	0.03	0.0	231.3	1602.93	-1025.09	-426.73	-7308.73	-2.354e+04	-1.420e+05
281	12	4.027e+05	1.583e+04	-0.02	0.0	0.0	-8023.38	2253.55	134.07	2886.75	-1.705e+04	-1.192e+05
		-1.192e+05	-1.705e+04	-5.35e-03	0.0	231.3	-8023.38	2253.55	134.07	2886.75	1.583e+04	4.027e+05
281	13	2.791e+05	2.204e+04	-0.02	0.0	0.0	-5196.81	1589.79	-95.54	3561.15	2.204e+04	-8.896e+04
		-8.896e+04	6616.21	6.00e-03	0.0	231.3	-5196.81	1589.79	-95.54	3561.15	6616.21	2.791e+05
281	14	5.391e+04	4.865e+04	0.02	0.0	0.0	1291.16	-585.22	-273.50	-5305.42	4.865e+04	5.391e+04
		-8.477e+04	-1.465e+04	0.02	0.0	231.3	1291.16	-585.22	-273.50	-5305.42	-1.465e+04	-8.477e+04
281	15	7.147e+04	5.637e+04	0.06	0.0	0.0	1202.46	-768.94	-319.86	-5481.07	5.637e+04	7.147e+04
		-1.065e+05	-1.763e+04	0.03	0.0	231.3	1202.46	-768.94	-319.86	-5481.07	-1.763e+04	-1.065e+05
281	16	3.026e+05	1.189e+04	-0.02	0.0	0.0	-6034.14	1693.09	100.72	2175.05	-1.285e+04	-8.950e+04
		-8.950e+04	-1.285e+04	-4.02e-03	0.0	231.3	-6034.14	1693.09	100.72	2175.05	1.189e+04	3.026e+05
281	17	2.097e+05	1.658e+04	-0.01	0.0	0.0	-3908.59	1194.36	-72.01	2687.37	1.658e+04	-6.680e+04
		-6.680e+04	5006.43	4.50e-03	0.0	231.3	-3908.59	1194.36	-72.01	2687.37	5006.43	2.097e+05
Pilas.												
	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3		N	V 2	V 3	T			
	-5.268e+06	-2.599e+06	-3.23	0.0		-5.930e+04	-2.649e+04	-1.362e+04	-1.957e+05			
	5.108e+06	2.882e+06	3.26	0.0		4.254e+04	2.540e+04	1.427e+04	2.237e+05			
Trave												
	CDC	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
57	1	1.532e+04	770.94	-1.41e-03	-1252.45	0.0	-16.45	656.43	3.64	524.43	-443.21	-4.201e+04
		-4.201e+04	-443.21	1.31e-04	0.0	334.0	-16.45	-596.02	3.64	524.43	770.94	-3.192e+04
57	2	5.546e+04	1256.13	-4.95e-03	-4423.32	0.0	-155.84	2326.59	5.54	790.91	-595.62	-1.352e+05
		-1.352e+05	-595.62	-2.87e-04	0.0	334.0	-155.84	-2096.73	5.54	790.91	1256.13	-1.196e+05
57	3	2.450e+04	25.05	-2.14e-03	-1769.33	0.0	-26.73	902.56	-1.83e-03	551.98	25.05	-4.709e+04
		-5.022e+04	24.44	-8.59e-06	0.0	334.0	-26.73	-866.77	-1.83e-03	551.98	24.44	-5.022e+04
57	4	3.645e+04	70.73	-3.19e-03	-2653.99	0.0	-45.24	1355.30	0.15	779.26	20.57	-7.119e+04
		-7.539e+04	20.57	-2.38e-05	0.0	334.0	-45.24	-1298.69	0.15	779.26	70.73	-7.539e+04
57	5	3.063e+04	69.72	-2.69e-03	-2337.91	0.0	-30.57	1163.88	0.19	422.73	5.39	-6.613e+04
		-6.782e+04	5.39	-1.69e-04	0.0	334.0	-30.57	-1174.03	0.19	422.73	69.72	-6.782e+04
57	6	3.333e+06	3628.17	0.06	0.0	0.0	456.77	1.989e+04	-21.43	-2.549e+04	3628.17	-3.308e+06
		-3.308e+06	-3574.62	0.09	0.0	334.0	456.77	1.989e+04	-21.43	-2.549e+04	-3574.62	3.333e+06
57	7	2.668e+06	6255.37	0.05	0.0	0.0	268.94	1.604e+04	-38.46	-3.711e+04	6255.37	-2.690e+06
		-2.690e+06	-6597.75	-2.38e-03	0.0	334.0	268.94	1.604e+04	-38.46	-3.711e+04	-6597.75	2.668e+06
57	8	8.188e+05	6674.00	0.02	0.0	0.0	-681.40	5118.26	37.36	1.788e+04	-5831.12	-9.015e+05
		-9.015e+05	-5831.12	0.04	0.0	334.0	-681.40	5118.26	37.36	1.788e+04	6674.00	8.188e+05
57	9	6.181e+05	3621.60	0.02	0.0	0.0	1052.05	-4263.21	21.41	-1.510e+04	-3886.99	6.181e+05
		-8.207e+05	-3886.99	-0.07	0.0	334.0	1052.05	-4263.21	21.41	-1.510e+04	3621.60	-8.207e+05
57	10	1.774e+06	2017.85	0.03	0.0	0.0	246.53	1.058e+04	-11.80	-1.385e+04	2017.85	-1.760e+06
		-1.760e+06	-1951.08	0.05	0.0	334.0	246.53	1.058e+04	-11.80	-1.385e+04	-1951.08	1.774e+06
57	11	1.419e+06	3395.98	0.03	0.0	0.0	148.20	8533.09	-20.84	-1.975e+04	3395.98	-1.431e+06
		-1.431e+06	-3571.54	-1.98e-03	0.0	334.0	148.20	8533.09	-20.84	-1.975e+04	-3571.54	1.419e+06
57	12	4.579e+05	3705.22	0.01	0.0	0.0	-371.06	2829.48	20.77	9791.29	-3247.22	-4.933e+05
		-4.933e+05	-3247.22	0.02	0.0	334.0	-371.06	2829.48	20.77	9791.29	3705.22	4.579e+05
57	13	3.474e+05	2125.71	0.01	0.0	0.0	607.63	-2357.50	12.76	-8281.71	-2328.90	3.474e+05
		-4.484e+05	-2328.90	-0.04	0.0	334.0	607.63	-2357.50	12.76	-8281.71	2125.71	-4.484e+05
57	14	1.330e+06	1522.25	0.03	0.0	0.0	185.36	7931.82	-8.90	-1.039e+04	1522.25	-1.320e+06
		-1.320e+06	-1470.71	0.04	0.0	334.0	185.36	7931.82	-8.90	-1.039e+04	-1470.71	1.330e+06
57	15	1.063e+06	2554.15	0.02	0.0	0.0	111.98	6389.59	-15.67	-1.479e+04	2554.15	-1.071e+06
		-1.071e+06	-2684.49	-1.60e-03	0.0	334.0	111.98	6389.59	-15.67	-1.479e+04	-2684.49	1.063e+06
57	16	3.435e+05	2814.96	7.88e-03	0.0	0.0	-279.16	2122.18	15.77	7345.63	-2464.53	-3.700e+05
		-3.700e+05	-2464.53	0.01	0.0	334.0	-279.16	2122.18	15.77	7345.63	2814.96	3.435e+05
57	17	2.607e+05	1620.30	8.71e-03	0.0	0.0	467.33	-1768.67	9.78	-6213.89	-1790.95	2.607e+05
		-3.364e+05	-1790.95	-0.03	0.0	334.0	467.33	-1768.67	9.78	-6213.89	1620.30	-3.364e+05
58	1	1.554e+04	853.46	-1.18e-03	-1252.46	0.0	-2.59	585.34	-3.97	-336.12	853.46	-2.996e+04
		-4.361e+04	-473.29	-1.28e-04	0.0	334.0	-2.59	-667.12	-3.97	-336.12	-473.29	-4.361e+04
58	2	1.447e+05	1446.65	-0.01	-9882.47	0.0	-134.43	4660.19	-6.06	-206.77	1446.65	-2.386e+05
		-2.971e+05	-577.51	4.18e-04	0.0	334.0	-134.43	-5222.28	-6.06	-206.77	-577.51	-2.971e+05
58	3	6.030e+04	46.18	-5.90e-03	-3952.99	0.0	-13.45	1894.94	-0.03	-432.50	46.18	-9.817e+04
		-1.113e+05	35.90	8.99e-05	0.0	334.0	-13.45	-2058.05	-0.03	-432.50	35.90	-1.113e+05
58	4	9.014e+04	134.12	-8.78e-03	-5929.48	0.0	-26.48	2840.48	-0.31	-587.74	134.12	-1.473e+05
		-1.676e+05	29.38	1.51e-04	0.0	334.0	-26.48	-3089.00	-0.31	-587.74	29.38	-1.676e+05
58	5	3.090e+04	205.91	-2.69e-03	-2337.92	0.0	2.56	1162.19	-0.64	-205.21	205.91	-6.558e+04
		-6.784e+04	-6.33	8.74e-05	0.0	334.0	2.56	-1175.72	-0.64	-205.21	-6.33	-6.784e+04

58	6	3.303e+06	4961.63	0.07	0.0	0.0	-800.89	2.000e+04	-27.34	-2.581e+04	4961.63	-3.377e+06
		-3.377e+06	-4292.74	0.10	0.0	334.0	-800.89	2.000e+04	-27.34	-2.581e+04	-4292.74	3.303e+06
58	7	2.684e+06	8117.79	0.05	0.0	0.0	-590.57	1.612e+04	-44.88	-3.798e+04	8117.79	-2.699e+06
		-2.699e+06	-6906.58	-6.89e-03	0.0	334.0	-590.57	1.612e+04	-44.88	-3.798e+04	-6906.58	2.684e+06
58	8	7.482e+05	3723.63	0.03	0.0	0.0	-798.79	5039.36	-26.05	2.101e+04	3723.63	-9.497e+05
		-9.497e+05	-5089.03	0.08	0.0	334.0	-798.79	5039.36	-26.05	2.101e+04	-5089.03	7.482e+05
58	9	6.922e+05	5517.58	0.02	0.0	0.0	-578.11	-4415.19	-31.15	-1.351e+04	5517.58	-6.922e+05
		-7.953e+05	-4951.08	-0.04	0.0	334.0	-578.11	-4415.19	-31.15	-1.351e+04	-4951.08	7.953e+05
58	10	1.757e+06	2702.55	0.04	0.0	0.0	-428.59	1.064e+04	-14.96	-1.403e+04	2702.55	-1.797e+06
		-1.797e+06	-2372.89	0.05	0.0	334.0	-428.59	1.064e+04	-14.96	-1.403e+04	-2372.89	1.757e+06
58	11	1.428e+06	4403.40	0.03	0.0	0.0	-315.01	8573.72	-24.35	-2.022e+04	4403.40	-1.436e+06
		-1.436e+06	-3753.67	-4.41e-03	0.0	334.0	-315.01	8573.72	-24.35	-2.022e+04	-3753.67	1.428e+06
58	12	4.209e+05	2231.76	0.01	0.0	0.0	-470.82	2797.68	-15.69	1.140e+04	2231.76	-5.217e+05
		-5.217e+05	-3072.03	0.04	0.0	334.0	-470.82	2797.68	-15.69	1.140e+04	-3072.03	4.209e+05
58	13	3.864e+05	3085.05	0.01	0.0	0.0	-337.52	-2430.20	-17.37	-7537.82	3085.05	-3.864e+05
		-4.327e+05	-2759.01	-0.02	0.0	334.0	-337.52	-2430.20	-17.37	-7537.82	-2759.01	4.327e+05
58	14	1.317e+06	2038.35	0.03	0.0	0.0	-321.72	7977.81	-11.29	-1.052e+04	2038.35	-1.347e+06
		-1.347e+06	-1792.29	0.04	0.0	334.0	-321.72	7977.81	-11.29	-1.052e+04	-1792.29	1.317e+06
58	15	1.069e+06	3310.57	0.02	0.0	0.0	-236.03	6420.02	-18.31	-1.514e+04	3310.57	-1.075e+06
		-1.075e+06	-2823.48	-3.42e-03	0.0	334.0	-236.03	6420.02	-18.31	-1.514e+04	-2823.48	1.069e+06
58	16	3.157e+05	1706.74	0.01	0.0	0.0	-363.62	2098.46	-12.07	8554.74	1706.74	-3.913e+05
		-3.913e+05	-2370.98	0.03	0.0	334.0	-363.62	2098.46	-12.07	8554.74	-2370.98	3.157e+05
58	17	2.899e+05	2348.74	8.14e-03	0.0	0.0	-259.98	-1823.17	-13.21	-5655.71	2348.74	-2.899e+05
		-3.246e+05	-2096.74	-0.01	0.0	334.0	-259.98	-1823.17	-13.21	-5655.71	-2096.74	3.246e+05
59	1	2.651e+04	211.00	-2.37e-03	-1324.73	0.0	-25.09	605.55	1.36	3748.80	-268.37	-2.236e+04
		-2.436e+04	-268.37	1.16e-04	0.0	353.3	-25.09	-719.17	1.36	3748.80	211.00	-4.243e+04
59	2	9.177e+04	589.69	-7.53e-03	-3921.22	0.0	-122.85	1176.17	2.88	-6891.55	-429.11	-3.395e+04
		-1.742e+05	-429.11	-6.86e-04	0.0	353.3	-122.85	-2745.05	2.88	-6891.55	589.69	-1.742e+05
59	3	3.917e+04	9.55	-5.02e-03	-1568.49	0.0	-29.33	498.84	0.11	-1293.52	-28.16	-1.560e+04
		-6.167e+04	-28.16	-3.44e-05	0.0	353.3	-29.33	-1069.64	0.11	-1293.52	9.55	-6.167e+04
59	4	5.841e+04	48.62	-7.25e-03	-2352.73	0.0	-45.15	743.50	0.35	-2150.80	-75.42	-2.299e+04
		-9.377e+04	-75.42	-8.77e-05	0.0	353.3	-45.15	-1609.23	0.35	-2150.80	48.62	-9.377e+04
59	5	5.249e+04	131.86	-5.29e-03	-2472.82	0.0	-63.99	1099.41	0.95	6463.85	-204.18	-3.385e+04
		-8.224e+04	-204.18	-2.63e-04	0.0	353.3	-63.99	-1373.41	0.95	6463.85	131.86	-8.224e+04
59	6	3.190e+06	-3408.39	0.08	0.0	0.0	616.39	1.839e+04	30.76	-5452.52	-7879.58	-3.307e+06
		-3.307e+06	-7879.58	0.10	0.0	353.3	616.39	1.839e+04	30.76	-5452.52	-3408.39	3.190e+06
59	7	2.385e+06	-2447.93	0.06	0.0	0.0	590.30	1.385e+04	11.23	-8567.32	-2447.93	-2.506e+06
		-2.506e+06	-3023.22	-4.81e-03	0.0	353.3	590.30	1.385e+04	11.23	-8567.32	-3023.22	2.385e+06
59	8	8.492e+05	7566.23	0.02	0.0	0.0	546.78	-4865.83	47.31	4.634e+04	-9159.04	-8.492e+05
		-8.731e+05	-9159.04	0.04	0.0	353.3	546.78	-4865.83	47.31	4.634e+04	7566.23	-8.731e+05
59	9	1.496e+06	3826.32	0.04	0.0	0.0	695.65	-8782.46	25.17	3.656e+04	-5076.23	-1.496e+06
		-1.607e+06	-5076.23	-0.08	0.0	353.3	695.65	-8782.46	25.17	3.656e+04	3826.32	-1.607e+06
59	10	1.698e+06	-1960.93	0.04	0.0	0.0	359.52	9789.36	17.06	-3132.65	-4303.58	-1.698e+06
		-1.760e+06	-4303.58	0.06	0.0	353.3	359.52	9789.36	17.06	-3132.65	-1960.93	1.698e+06
59	11	1.269e+06	-1395.93	0.03	0.0	0.0	334.34	7365.82	6.84	-4556.96	-1395.93	-1.333e+06
		-1.333e+06	-1744.91	-3.53e-03	0.0	353.3	334.34	7365.82	6.84	-4556.96	-1744.91	1.269e+06
59	12	4.965e+05	4188.79	0.01	0.0	0.0	319.17	-2847.82	26.26	2.462e+04	-5095.00	-4.965e+05
		-5.112e+05	-5095.00	0.02	0.0	353.3	319.17	-2847.82	26.26	2.462e+04	4188.79	-5.112e+05
59	13	7.982e+05	2237.47	0.02	0.0	0.0	391.03	-4682.21	14.67	1.976e+04	-2951.43	-7.982e+05
		-8.562e+05	-2951.43	-0.04	0.0	353.3	391.03	-4682.21	14.67	1.976e+04	2237.47	-8.562e+05
59	14	1.273e+06	-1479.12	0.03	0.0	0.0	274.38	7338.46	12.84	-2351.86	-1327.96	-1.273e+06
		-1.319e+06	-1327.96	0.04	0.0	353.3	274.38	7338.46	12.84	-2351.86	-1479.12	1.273e+06
59	15	9.500e+05	-1060.36	0.02	0.0	0.0	253.61	5515.57	5.25	-3412.99	-1060.36	-9.984e+05
		-9.984e+05	-1327.96	-2.79e-03	0.0	353.3	253.61	5515.57	5.25	-3412.99	-1327.96	9.500e+05
59	16	3.726e+05	3172.83	8.80e-03	0.0	0.0	244.82	-2136.96	19.89	1.847e+04	-3859.85	-3.726e+05
		-3.836e+05	-3859.85	0.01	0.0	353.3	244.82	-2136.96	19.89	1.847e+04	3172.83	-3.836e+05
59	17	5.988e+05	1698.45	0.01	0.0	0.0	298.70	-3512.50	11.13	1.484e+04	-2237.63	-5.988e+05
		-6.423e+05	-2237.63	-0.03	0.0	353.3	298.70	-3512.50	11.13	1.484e+04	1698.45	-6.423e+05
60	1	2.536e+04	170.87	-3.69e-03	-1324.54	0.0	-28.05	700.38	-0.98	-3846.25	170.87	-3.991e+04
		-3.991e+04	-176.55	-5.45e-05	0.0	353.2	-28.05	-624.15	-0.98	-3846.25	-176.55	-2.645e+04
60	2	1.448e+05	665.79	-0.02	-6877.98	0.0	-151.25	5000.14	-2.96	1.231e+04	665.79	-2.769e+05
		-2.769e+05	-378.31	1.19e-03	0.0	353.2	-151.25	-1877.84	-2.96	1.231e+04	-378.31	-1.005e+05
60	3	6.086e+04	85.44	-5.65e-03	-2751.19	0.0	-52.86	1973.73	-0.48	3416.50	85.44	-1.032e+05
		-1.032e+05	-85.17	2.17e-04	0.0	353.2	-52.86	-777.46	-0.48	3416.50	-85.17	-4.191e+04
60	4	9.088e+04	157.32	-8.61e-03	-4126.79	0.0	-78.84	2965.12	-0.89	5336.40	157.32	-1.560e+05
		-1.560e+05	-158.63	3.68e-04	0.0	353.2	-78.84	-1161.67	-0.89	5336.40	-158.63	-6.247e+04
60	5	5.154e+04	138.68	-6.98e-03	-2472.47	0.0	-83.68	1356.42	-0.96	-6627.67	138.68	-7.988e+04
		-7.988e+04	-199.90	2.52e-04	0.0	353.2	-83.68	-1116.05	-0.96	-6627.67	-199.90	-3.743e+04
60	6	3.402e+06	7810.26	0.07	0.0	0.0	1267.62	1.891e+04	31.78	-1.493e+04	3871.28	-3.276e+06
		-3.276e+06	3871.28	0.10	0.0	353.2	1267.62	1.891e+04	31.78	-1.493e+04	7810.26	3.402e+06
60	7	2.579e+06	2962.70	0.05	0.0	0.0	1007.94	1.423e+04	12.06	-1.870e+04	2962.70	-2.447e+06
		-2.447e+06	2513.44	-8.82e-03	0.0	353.2	1007.94	1.423e+04	12.06	-1.870e+04	2513.44	-2.579e+06
60	8	1.607e+06	6134.51	0.04	0.0	0.0	-412.85	9397.16	30.21	-3.800e+04	-4541.43	-1.713e+06
		-1.713e+06	-4541.43	0.09	0.0	353.2	-412.85	9397.16	30.21	-3.800e+04	6134.51	1.607e+06
60	9	7.225e+05	6459.60	0.02	0.0	0.0	409.97	4195.61	-40.01	-4.566e+04	6459.60	-7.635e+05
		-7.635e+05	-7680.94	-0.04	0.0	353.2	409.97	4195.61	-40.01	-4.566e+04	-7680.94	7.225e+05

60	10	1.811e+06	4289.88	0.04	0.0	0.0	678.05	1.007e+04	17.82	-8016.49	2257.01	-1.744e+06
		-1.744e+06	2257.01	0.06	0.0	353.2	678.05	1.007e+04	17.82	-8016.49	4289.88	1.811e+06
60	11	1.372e+06	1721.31	0.03	0.0	0.0	536.78	7568.99	7.33	-9943.38	1721.31	-1.302e+06
		-1.302e+06	1451.08	-5.63e-03	0.0	353.2	536.78	7568.99	7.33	-9943.38	1451.08	1.372e+06
60	12	8.611e+05	3487.11	0.02	0.0	0.0	-230.65	5028.83	17.20	-2.050e+04	-2590.15	-9.155e+05
		-9.155e+05	-2590.15	0.05	0.0	353.2	-230.65	5028.83	17.20	-2.050e+04	3487.11	8.611e+05
60	13	4.233e+05	3625.98	0.01	0.0	0.0	230.13	2455.95	-22.45	-2.430e+04	3625.98	-4.461e+05
		-4.461e+05	-4311.06	-0.02	0.0	353.2	230.13	2455.95	-22.45	-2.430e+04	-4311.06	4.233e+05
60	14	1.358e+06	3230.16	0.03	0.0	0.0	508.91	7545.14	13.45	-6011.98	1712.33	-1.307e+06
		-1.307e+06	1712.33	0.04	0.0	353.2	508.91	7545.14	13.45	-6011.98	3230.16	1.358e+06
60	15	1.027e+06	1312.27	0.02	0.0	0.0	402.05	5667.64	5.63	-7445.33	1312.27	-9.747e+05
		-9.747e+05	1104.91	-4.36e-03	0.0	353.2	402.05	5667.64	5.63	-7445.33	1104.91	1.027e+06
60	16	6.458e+05	2629.42	0.02	0.0	0.0	-174.20	3771.62	12.97	-1.540e+04	-1954.22	-6.867e+05
		-6.867e+05	-1954.22	0.04	0.0	353.2	-174.20	3771.62	12.97	-1.540e+04	2629.42	6.458e+05
60	17	3.177e+05	2758.13	7.79e-03	0.0	0.0	175.72	1842.96	-17.07	-1.824e+04	2758.13	-3.348e+05
		-3.348e+05	-3274.34	-0.01	0.0	353.2	175.72	1842.96	-17.07	-1.824e+04	-3274.34	3.177e+05
61	1	2.742e+04	-266.84	-4.19e-03	-1320.84	0.0	-14.98	777.79	-0.31	-910.12	-266.84	-5.308e+04
		-5.308e+04	-377.60	2.85e-04	0.0	352.2	-14.98	-543.05	-0.31	-910.12	-377.60	-1.174e+04
61	2	7.014e+04	-180.39	-0.01	-3212.66	0.0	-72.51	2267.32	-1.47	5404.46	-180.39	-1.553e+05
		-1.553e+05	-698.93	3.79e-04	0.0	352.2	-72.51	-945.34	-1.47	5404.46	-698.93	-2.108e+04
61	3	2.946e+04	35.72	-3.01e-03	-1285.06	0.0	-29.97	818.18	-0.21	1817.48	35.72	-4.357e+04
		-4.357e+04	-39.25	6.61e-05	0.0	352.2	-29.97	-466.89	-0.21	1817.48	-39.25	-2.114e+04
61	4	4.374e+04	52.99	-4.81e-03	-1927.60	0.0	-43.93	1238.69	-0.39	2770.55	52.99	-6.782e+04
		-6.782e+04	-83.40	9.93e-05	0.0	352.2	-43.93	-688.90	-0.39	2770.55	-83.40	-3.015e+04
61	5	5.192e+04	-0.31	-6.91e-03	-2465.57	0.0	-63.07	1363.63	-6.53e-03	-1743.27	-0.31	-8.087e+04
		-8.087e+04	-2.61	-9.61e-05	0.0	352.2	-63.07	-1101.94	-6.53e-03	-1743.27	-2.61	-3.478e+04
61	6	3.041e+06	1.082e+04	0.06	0.0	0.0	676.03	1.686e+04	-43.61	-1.706e+04	4741.18	-2.897e+06
		-2.897e+06	4741.18	0.09	0.0	352.2	676.03	1.686e+04	-43.61	-1.706e+04	1.082e+04	3.041e+06
61	7	2.551e+06	3159.67	0.05	0.0	0.0	539.83	1.420e+04	-17.41	-1.774e+04	3159.67	-2.449e+06
		-2.449e+06	-4764.87	1.90e-03	0.0	352.2	539.83	1.420e+04	-17.41	-1.774e+04	-4764.87	2.551e+06
61	8	1.267e+06	6932.79	-0.03	0.0	0.0	527.42	7359.08	36.02	-4.989e+04	-5820.78	-1.326e+06
		-1.326e+06	-5820.78	0.06	0.0	352.2	527.42	7359.08	36.02	-4.989e+04	6932.79	1.267e+06
61	9	6.488e+05	-5460.56	-0.02	0.0	0.0	879.26	3942.62	37.89	-8.720e+04	-5460.56	-7.448e+05
		-7.448e+05	-7988.54	-0.07	0.0	352.2	879.26	3942.62	37.89	-8.720e+04	-7988.54	6.488e+05
61	10	1.618e+06	6122.44	0.03	0.0	0.0	368.45	8968.51	-24.91	-9848.92	6122.44	-1.541e+06
		-1.541e+06	2756.58	0.05	0.0	352.2	368.45	8968.51	-24.91	-9848.92	2756.58	1.618e+06
61	11	1.357e+06	1836.10	0.03	0.0	0.0	288.48	7551.30	-10.43	-9439.78	1836.10	-1.303e+06
		-1.303e+06	-2745.73	8.11e-04	0.0	352.2	288.48	7551.30	-10.43	-9439.78	-2745.73	1.357e+06
61	12	6.745e+05	3965.65	-0.02	0.0	0.0	303.86	3912.87	20.43	-2.784e+04	3965.65	-7.044e+05
		-7.044e+05	-3265.09	0.03	0.0	352.2	303.86	3912.87	20.43	-2.784e+04	-3265.09	6.745e+05
61	13	3.687e+05	-3176.76	-0.01	0.0	0.0	503.42	2221.87	21.68	-4.627e+04	-3176.76	-4.165e+05
		-4.165e+05	-4517.08	-0.04	0.0	352.2	503.42	2221.87	21.68	-4.627e+04	-4517.08	3.687e+05
61	14	1.213e+06	4600.86	0.02	0.0	0.0	277.64	6723.05	-18.73	-7389.85	2077.85	-1.155e+06
		-1.155e+06	2077.85	0.04	0.0	352.2	277.64	6723.05	-18.73	-7389.85	4600.86	1.213e+06
61	15	1.016e+06	1400.48	0.02	0.0	0.0	216.25	5654.38	-8.01	-7069.66	1400.48	-9.757e+05
		-9.757e+05	-2094.60	5.75e-04	0.0	352.2	216.25	5654.38	-8.01	-7069.66	-2094.60	1.016e+06
61	16	5.058e+05	3003.42	-0.01	0.0	0.0	231.94	2934.31	15.47	-2.089e+04	3003.42	-5.282e+05
		-5.282e+05	-2470.96	0.02	0.0	352.2	231.94	2934.31	15.47	-2.089e+04	-2470.96	5.058e+05
61	17	2.767e+05	-2432.25	-9.33e-03	0.0	0.0	386.24	1667.12	16.55	-3.473e+04	-2432.25	-3.125e+05
		-3.125e+05	-3440.51	-0.03	0.0	352.2	386.24	1667.12	16.55	-3.473e+04	-3440.51	2.767e+05
62	1	2.745e+04	-102.01	-2.18e-03	-1320.84	0.0	-6.84	536.18	2.19	1107.28	-102.01	-5.442e+04
		-5.442e+04	-873.57	-1.65e-04	0.0	352.2	-6.84	-784.66	2.19	1107.28	-873.57	-1.066e+04
62	2	1.334e+05	161.41	-0.01	-6162.68	0.0	-46.88	1542.23	5.61	-1.358e+04	161.41	-2.994e+05
		-2.994e+05	-1815.06	3.84e-04	0.0	352.2	-46.88	-4620.45	5.61	-1.358e+04	-1815.06	1.334e+05
62	3	5.463e+04	12.80	-7.15e-03	-2465.07	0.0	-24.25	710.97	-0.06	-5150.79	12.80	-1.006e+05
		-1.006e+05	-9.47	2.46e-05	0.0	352.2	-24.25	-1754.10	-0.06	-5150.79	-9.47	-1.006e+05
62	4	8.154e+04	30.06	-0.01	-3697.61	0.0	-35.81	1054.15	0.52	-7763.37	30.06	-1.535e+05
		-1.535e+05	-154.84	5.05e-05	0.0	352.2	-35.81	-2643.46	0.52	-7763.37	-154.84	8.154e+04
62	5	5.184e+04	196.31	-5.21e-03	-2465.56	0.0	-31.58	1096.69	2.81	2099.83	196.31	-8.198e+04
		-8.198e+04	-792.88	1.84e-04	0.0	352.2	-31.58	-1368.87	2.81	2099.83	-792.88	5.184e+04
62	6	2.880e+06	7135.23	0.08	0.0	0.0	-297.54	1.684e+04	78.68	2.537e+04	-2.101e+04	-3.052e+06
		-3.052e+06	-2.101e+04	0.10	0.0	352.2	-297.54	1.684e+04	78.68	2.537e+04	7135.23	2.880e+06
62	7	2.438e+06	3659.62	0.06	0.0	0.0	-191.38	1.421e+04	50.82	-8387.48	-1.536e+04	-2.565e+06
		-2.565e+06	-1.536e+04	2.93e-03	0.0	352.2	-191.38	1.421e+04	50.82	-8387.48	3659.62	2.438e+06
62	8	7.314e+05	8685.23	0.03	0.0	0.0	339.47	-4321.08	-42.93	8.765e+04	8685.23	-7.962e+05
		-7.962e+05	-6491.79	0.09	0.0	352.2	339.47	-4321.08	-42.93	8.765e+04	-6491.79	7.314e+05
62	9	1.251e+06	6437.11	0.04	0.0	0.0	311.95	-7269.00	-33.19	4.896e+04	6437.11	-1.310e+06
		-1.310e+06	-5281.07	-0.05	0.0	352.2	311.95	-7269.00	-33.19	4.896e+04	-5281.07	1.251e+06
62	10	1.532e+06	4122.79	0.04	0.0	0.0	-166.89	8959.38	44.10	1.407e+04	-1.166e+04	-1.624e+06
		-1.624e+06	-1.166e+04	0.06	0.0	352.2	-166.89	8959.38	44.10	1.407e+04	4122.79	1.532e+06
62	11	1.297e+06	2171.93	0.03	0.0	0.0	-105.97	7556.82	28.37	-4463.06	-8457.02	-1.365e+06
		-1.365e+06	-8457.02	1.60e-03	0.0	352.2	-105.97	7556.82	28.37	-4463.06	2171.93	1.297e+06
62	12	4.184e+05	5103.90	0.02	0.0	0.0	194.81	-2455.83	-25.40	4.655e+04	5103.90	-4.495e+05
		-4.495e+05	-3872.58	0.05	0.0	352.2	194.81	-2455.83	-25.40	4.655e+04	-3872.58	4.184e+05
62	13	6.640e+05	3630.46	0.02	0.0	0.0	181.10	-3857.05	-18.68	2.713e+04	3630.46	-6.950e+05
		-6.950e+05	-2964.21	-0.03	0.0	352.2	181.10	-3857.05	-18.68	2.713e+04	-2964.21	6.640e+05

62	14	1.148e+06	3125.73	0.03	0.0	0.0	-126.42	6716.28	33.29	1.055e+04	-8789.53	-1.217e+06
		-1.217e+06	-8789.53	0.04	0.0	352.2	-126.42	6716.28	33.29	1.055e+04	3125.73	1.148e+06
62	15	9.713e+05	1667.47	0.03	0.0	0.0	-80.08	5658.60	21.50	-3343.84	-6386.80	-1.022e+06
		-1.022e+06	-6386.80	1.20e-03	0.0	352.2	-80.08	5658.60	21.50	-3343.84	1667.47	9.713e+05
62	16	3.139e+05	3914.74	0.01	0.0	0.0	149.49	-1842.71	-19.52	3.493e+04	3914.74	3.139e+05
		-3.373e+05	-2981.85	0.03	0.0	352.2	149.49	-1842.71	-19.52	3.493e+04	-2981.85	-3.373e+05
62	17	4.981e+05	2755.18	0.01	0.0	0.0	139.22	-2893.35	-14.19	2.036e+04	2755.18	4.981e+05
		-5.213e+05	-2253.75	-0.02	0.0	352.2	139.22	-2893.35	-14.19	2.036e+04	-2253.75	-5.213e+05
63	1	2.891e+04	516.72	2.76e-03	-1514.78	0.0	143.75	764.58	-3.44	3929.72	516.72	-4.902e+04
		-4.902e+04	-873.95	5.65e-04	0.0	403.9	143.75	-750.19	-3.44	3929.72	-873.95	-4.612e+04
63	2	-2719.70	298.96	7.12e-03	-557.32	0.0	610.88	294.51	-3.44	-4149.07	298.96	-2.020e+04
		-5.132e+04	-1088.87	7.91e-04	0.0	403.9	610.88	-262.81	-3.44	-4149.07	-1088.87	-5.132e+04
63	3	2432.44	31.75	6.17e-04	-222.93	0.0	-8.50	179.35	-0.16	-988.32	31.75	-1.517e+04
		-1.517e+04	-32.01	7.17e-05	0.0	403.9	-8.50	-43.58	-0.16	-988.32	-32.01	-2755.14
63	4	2678.76	35.78	1.12e-03	-334.39	0.0	19.47	262.33	-0.27	-1615.43	35.78	-2.220e+04
		-2.220e+04	-72.81	1.22e-04	0.0	403.9	19.47	-72.06	-0.27	-1615.43	-72.81	-6284.85
63	5	6.846e+04	38.97	-0.01	-2827.58	0.0	-75.77	1464.54	-0.36	7214.94	38.97	-8.456e+04
		-8.456e+04	-104.48	3.73e-05	0.0	403.9	-75.77	-1363.05	-0.36	7214.94	-104.48	-6.406e+04
63	6	1.143e+06	6932.00	0.03	0.0	0.0	1610.65	5488.22	76.72	2.660e+04	-2.433e+04	-1.074e+06
		-1.074e+06	-2.433e+04	0.11	0.0	403.9	1610.65	5488.22	76.72	2.660e+04	6932.00	1.143e+06
63	7	7.513e+05	1.084e+04	0.02	0.0	0.0	1513.57	3582.54	86.40	9591.82	-2.444e+04	-6.959e+05
		-2.959e+05	-2.444e+04	0.01	0.0	403.9	1513.57	3582.54	86.40	9591.82	1.084e+04	7.513e+05
63	8	2.321e+06	6679.58	-0.07	0.0	0.0	-1381.58	-1.150e+04	31.91	-1.588e+04	-6307.03	2.321e+06
		-2.324e+06	-6307.03	0.11	0.0	403.9	-1381.58	-1.150e+04	31.91	-1.588e+04	6679.58	-2.324e+06
63	9	2.970e+06	4759.15	-0.09	0.0	0.0	1453.37	-1.476e+04	-28.09	-2.706e+04	4759.15	2.970e+06
		-2.992e+06	-6646.06	-0.10	0.0	403.9	1453.37	-1.476e+04	-28.09	-2.706e+04	-6646.06	-2.992e+06
63	10	6.095e+05	4089.59	0.02	0.0	0.0	882.64	2926.84	44.91	1.425e+04	-1.422e+04	-5.728e+05
		-5.728e+05	-1.422e+04	0.06	0.0	403.9	882.64	2926.84	44.91	1.425e+04	4089.59	6.095e+05
63	11	3.998e+05	6248.31	0.01	0.0	0.0	855.13	1906.34	49.59	5144.75	-1.403e+04	-3.703e+05
		-3.703e+05	-1.403e+04	4.97e-03	0.0	403.9	855.13	1906.34	49.59	5144.75	6248.31	3.998e+05
63	12	1.254e+06	3683.96	-0.04	0.0	0.0	-805.82	-6215.20	17.46	-9250.00	-3431.41	1.254e+06
		-1.257e+06	-3431.41	0.06	0.0	403.9	-805.82	-6215.20	17.46	-9250.00	3683.96	-1.257e+06
63	13	1.577e+06	2660.08	-0.05	0.0	0.0	802.84	-7837.29	-15.48	-1.448e+04	2660.08	1.577e+06
		-1.589e+06	-3630.72	-0.06	0.0	403.9	802.84	-7837.29	-15.48	-1.448e+04	-3630.72	-1.589e+06
63	14	4.569e+05	3082.64	0.01	0.0	0.0	665.78	2194.20	33.74	1.069e+04	-1.067e+04	-4.294e+05
		-4.294e+05	-1.067e+04	0.04	0.0	403.9	665.78	2194.20	33.74	1.069e+04	3082.64	4.569e+05
63	15	2.994e+05	4759.04	9.09e-03	0.0	0.0	648.25	1427.62	37.77	3858.84	-1.069e+04	-2.773e+05
		-2.773e+05	-1.069e+04	3.64e-03	0.0	403.9	648.25	1427.62	37.77	3858.84	4759.04	2.994e+05
63	16	9.407e+05	2765.00	-0.03	0.0	0.0	-619.70	-4662.24	13.10	-6941.13	-2575.13	9.407e+05
		-9.426e+05	-2575.13	0.05	0.0	403.9	-619.70	-4662.24	13.10	-6941.13	2765.00	-9.426e+05
63	17	1.183e+06	2013.66	-0.04	0.0	0.0	609.35	-5879.45	-11.69	-1.087e+04	2013.66	1.183e+06
		-1.192e+06	-2736.55	-0.04	0.0	403.9	609.35	-5879.45	-11.69	-1.087e+04	-2736.55	-1.192e+06
64	1	3.104e+04	17.81	-6.58e-03	-1514.58	0.0	137.54	777.70	-4.85	-5085.08	17.81	-4.955e+04
		-4.955e+04	-1939.45	-4.04e-04	0.0	403.9	137.54	-736.88	-4.85	-5085.08	-1939.45	-4.131e+04
64	2	-7419.05	1320.70	-0.01	-558.00	0.0	627.80	-196.01	-18.00	-7406.79	1320.70	-7419.05
		-1.617e+05	-5948.35	1.36e-03	0.0	403.9	627.80	-754.01	-18.00	-7406.79	-5948.35	-1.617e+05
64	3	1.654e+04	34.39	3.32e-03	-223.20	0.0	11.67	-143.89	-0.05	-5338.72	34.39	1.654e+04
		-7.163e+04	13.98	8.31e-05	0.0	403.9	11.67	-367.09	-0.05	-5338.72	13.98	-7.163e+04
64	4	2.233e+04	256.95	4.88e-03	-334.80	0.0	48.49	-208.20	-2.30	-7654.67	256.95	2.233e+04
		-1.068e+05	-672.31	2.23e-04	0.0	403.9	48.49	-543.00	-2.30	-7654.67	-672.31	-1.068e+05
64	5	7.504e+04	1090.47	-0.01	-2827.21	0.0	-49.62	1423.68	-11.46	-9480.79	1090.47	-6.973e+04
		-6.973e+04	-3536.20	8.15e-04	0.0	403.9	-49.62	-1403.53	-11.46	-9480.79	-3536.20	-6.566e+04
64	6	9.744e+05	3.102e+04	0.06	0.0	0.0	-1072.03	5358.79	-290.67	-3.981e+04	3.102e+04	-1.190e+06
		-1.190e+06	-8.646e+04	0.13	0.0	403.9	-1072.03	5358.79	-290.67	-3.981e+04	-8.646e+04	9.744e+05
64	7	6.145e+05	3.318e+04	0.04	0.0	0.0	-726.53	3451.97	-293.92	-5.185e+04	3.318e+04	-7.797e+05
		-7.797e+05	-8.563e+04	0.03	0.0	403.9	-726.53	3451.97	-293.92	-5.185e+04	-8.563e+04	6.145e+05
64	8	2.653e+06	1.212e+04	0.10	0.0	0.0	1477.11	1.365e+04	52.14	6.530e+04	-9278.66	-2.860e+06
		-2.860e+06	-9278.66	0.12	0.0	403.9	1477.11	1.365e+04	52.14	6.530e+04	1.212e+04	2.653e+06
64	9	2.188e+06	4113.54	0.08	0.0	0.0	1376.83	1.118e+04	22.16	4.530e+04	-4984.75	-2.326e+06
		-2.326e+06	-4984.75	-0.10	0.0	403.9	1376.83	1.118e+04	22.16	4.530e+04	4113.54	2.188e+06
64	10	5.198e+05	1.705e+04	0.03	0.0	0.0	-585.36	2858.02	-160.39	-2.130e+04	1.705e+04	-6.346e+05
		-6.346e+05	-4.778e+04	0.07	0.0	403.9	-585.36	2858.02	-160.39	-2.130e+04	-4.778e+04	5.198e+05
64	11	3.270e+05	1.819e+04	0.02	0.0	0.0	-394.82	1836.68	-161.24	-2.757e+04	1.819e+04	-4.149e+05
		-4.149e+05	-4.700e+04	0.02	0.0	403.9	-394.82	1836.68	-161.24	-2.757e+04	-4.700e+04	3.270e+05
64	12	1.409e+06	6525.50	0.05	0.0	0.0	813.48	7251.09	28.07	3.465e+04	-5009.15	-1.519e+06
		-1.519e+06	-5009.15	0.07	0.0	403.9	813.48	7251.09	28.07	3.465e+04	6525.50	1.409e+06
64	13	1.176e+06	2301.94	0.04	0.0	0.0	774.64	6011.07	12.48	2.452e+04	-2820.80	-1.252e+06
		-1.252e+06	-2820.80	-0.06	0.0	403.9	774.64	6011.07	12.48	2.452e+04	2301.94	1.176e+06
64	14	3.897e+05	1.286e+04	0.02	0.0	0.0	-441.38	2142.50	-120.98	-1.597e+04	1.286e+04	-4.757e+05
		-4.757e+05	-3.604e+04	0.05	0.0	403.9	-441.38	2142.50	-120.98	-1.597e+04	-3.604e+04	3.897e+05
64	15	2.448e+05	1.371e+04	0.02	0.0	0.0	-297.02	1375.26	-121.60	-2.064e+04	1.371e+04	-3.107e+05
		-3.107e+05	-3.545e+04	0.01	0.0	403.9	-297.02	1375.26	-121.60	-2.064e+04	-3.545e+04	2.448e+05
64	16	1.057e+06	4912.82	0.04	0.0	0.0	615.60	5438.46	21.14	2.599e+04	-3773.29	-1.140e+06
		-1.140e+06	-3773.29	0.05	0.0	403.9	615.60	5438.46	21.14	2.599e+04	4912.82	1.057e+06
64	17	8.825e+05	1734.91	0.03	0.0	0.0	591.44	4509.53	9.42	1.840e+04	-2133.89	-9.389e+05
		-9.389e+05	-2133.89	-0.04	0.0	403.9	591.44	4509.53	9.42	1.840e+04	1734.91	8.825e+05

65	1	6.374e+04	74.04	-0.02	-2171.19	0.0	40.61	1062.74	0.23	-531.34	-57.45-8.678e+04
		-1.000e+05	-57.45	4.54e-04	0.0	579.0	40.61	-1108.45	0.23	-531.34	74.04-1.000e+05
65	2	1.407e+04	383.83	-6.89e-03	-1141.37	0.0	641.92	380.20	-0.94	9880.00	383.83-7.054e+04
		-7.069e+04	-158.32	1.61e-04	0.0	579.0	641.92	-761.18	-0.94	9880.00	-158.32-7.069e+04
65	3	1.157e+04	33.69	-3.42e-03	-456.55	0.0	-25.44	110.13	-0.15	3395.84	33.69 -9296.81
		-3.364e+04	-51.65	2.79e-05	0.0	579.0	-25.44	-346.42	-0.15	3395.84	-51.65-3.364e+04
65	4	1.631e+04	65.66	-4.78e-03	-684.82	0.0	3.43	170.23	-0.28	5198.88	65.66-1.645e+04
		-5.006e+04	-93.84	4.24e-05	0.0	579.0	3.43	-514.59	-0.28	5198.88	-93.84-5.006e+04
65	5	1.264e+05	-8.26	-0.04	-4052.90	0.0	-11.94	1980.67	-0.25	-5612.08	-8.26-1.537e+05
		-1.802e+05	-151.98	-4.27e-04	0.0	579.0	-11.94	-2072.23	-0.25	-5612.08	-151.98-1.802e+05
65	6	5.808e+05	-2727.25	-0.03	0.0	0.0	1520.68	1859.14	7.92	-1.336e+04	-2727.25-5.006e+05
		-5.006e+05	-3025.80	0.16	0.0	579.0	1520.68	1859.14	7.92	-1.336e+04	-3025.80 5.808e+05
65	7	8.925e+05	-3610.94	0.04	0.0	0.0	910.61	2983.79	-15.48	-2.302e+04	-3610.94-8.351e+05
		-8.351e+05	-5514.28	0.01	0.0	579.0	910.61	2983.79	-15.48	-2.302e+04	-5514.28 8.925e+05
65	8	1.406e+06	4465.68	0.11	0.0	0.0	657.08	5167.53	16.35	-2.246e+04	-5042.39-1.586e+06
		-1.586e+06	-5042.39	0.15	0.0	579.0	657.08	5167.53	16.35	-2.246e+04	4465.68 1.406e+06
65	9	2.075e+06	2570.55	0.17	0.0	0.0	1027.94	7665.90	10.69	-4.698e+04	-3722.60-2.363e+06
		-2.363e+06	-3722.60	-0.15	0.0	579.0	1027.94	7665.90	10.69	-4.698e+04	2570.55 2.075e+06
65	10	3.179e+05	-1566.80	0.01	0.0	0.0	898.64	1025.98	4.69	-7774.50	-1566.80-2.790e+05
		-2.790e+05	-1731.71	0.08	0.0	579.0	898.64	1025.98	4.69	-7774.50	-1731.71 3.179e+05
65	11	4.748e+05	-2122.92	0.02	0.0	0.0	532.09	1587.12	-8.83	-1.224e+04	-2122.92-4.442e+05
		-4.442e+05	-3079.46	6.57e-03	0.0	579.0	532.09	1587.12	-8.83	-1.224e+04	-3079.46 4.748e+05
65	12	7.668e+05	2416.82	0.06	0.0	0.0	374.56	2820.54	8.93	-1.307e+04	-2781.81-8.663e+05
		-8.663e+05	-2781.81	0.09	0.0	579.0	374.56	2820.54	8.93	-1.307e+04	2416.82 7.668e+05
65	13	1.101e+06	1524.50	0.09	0.0	0.0	565.30	4066.06	6.24	-2.494e+04	-2143.17-1.253e+06
		-1.253e+06	-2143.17	-0.08	0.0	579.0	565.30	4066.06	6.24	-2.494e+04	1524.50 1.101e+06
65	14	2.384e+05	-1186.86	0.01	0.0	0.0	687.41	769.43	3.58	-5833.27	-1186.86-2.093e+05
		-2.093e+05	-1316.53	0.06	0.0	579.0	687.41	769.43	3.58	-5833.27	-1316.53 2.384e+05
65	15	3.555e+05	-1620.48	0.02	0.0	0.0	406.05	1188.43	-6.70	-9166.71	-1620.48-3.326e+05
		-3.326e+05	-2329.00	4.86e-03	0.0	579.0	406.05	1188.43	-6.70	-9166.71	-2329.00 3.555e+05
65	16	5.752e+05	1817.45	0.05	0.0	0.0	284.46	2115.79	6.73	-9810.35	-2097.68-6.499e+05
		-6.499e+05	-2097.68	0.06	0.0	579.0	284.46	2115.79	6.73	-9810.35	1817.45 5.752e+05
65	17	8.257e+05	1163.74	0.07	0.0	0.0	428.65	3050.33	4.75	-1.871e+04	-1628.92-9.404e+05
		-9.404e+05	-1628.92	-0.06	0.0	579.0	428.65	3050.33	4.75	-1.871e+04	1163.74 8.257e+05
66	1	6.605e+04	235.19	-0.02	-2173.45	0.0	62.49	1091.72	-0.64	3475.51	235.19-9.286e+04
		-9.286e+04	-137.15	-2.09e-04	0.0	579.6	62.49	-1081.73	-0.64	3475.51	-137.15-8.997e+04
66	2	2.355e+04	221.81	6.88e-03	-1143.53	0.0	626.84	703.54	0.39	1.201e+04	-6.37-4.780e+04
		-8.189e+04	-6.37	1.12e-03	0.0	579.6	626.84	-439.99	0.39	1.201e+04	221.81-8.189e+04
66	3	1.419e+04	-7.23	-3.75e-03	-457.41	0.0	-43.60	325.48	0.10	5968.89	-65.24-2.500e+04
		-2.500e+04	-65.24	4.00e-04	0.0	579.6	-43.60	-131.93	0.10	5968.89	-7.23-1.309e+04
66	4	2.042e+04	2.29	-5.04e-03	-686.12	0.0	-22.32	483.04	0.21	8751.00	-119.16-3.705e+04
		-3.705e+04	-119.16	6.28e-04	0.0	579.6	-22.32	-203.07	0.21	8751.00	2.29-2.220e+04
66	5	1.286e+05	-51.17	-0.04	-4057.11	0.0	-10.33	2061.44	0.16	7272.46	-146.14-1.249e+05
		-1.749e+05	-146.14	5.57e-04	0.0	579.6	-10.33	-1995.67	0.16	7272.46	-51.17-1.558e+05
66	6	4.666e+05	3688.02	0.06	0.0	0.0	1200.91	1775.44	-8.87	-7.377e+04	3688.02-5.730e+05
		-5.730e+05	2820.01	0.16	0.0	579.6	1200.91	1775.44	-8.87	-7.377e+04	2820.01 4.666e+05
66	7	7.884e+05	5704.08	0.07	0.0	0.0	774.95	2897.31	-15.43	-8.431e+04	5704.08-9.909e+05
		-8.909e+05	3469.12	7.15e-03	0.0	579.6	774.95	2897.31	-15.43	-8.431e+04	3469.12 7.884e+05
66	8	2.103e+06	3544.23	0.18	0.0	0.0	1166.34	-7777.81	-14.12	3.347e+04	3544.23 2.103e+06
		-2.405e+06	-4840.61	0.17	0.0	579.6	1166.34	-7777.81	-14.12	3.347e+04	-4840.61-2.405e+06
66	9	1.494e+06	4446.96	0.12	0.0	0.0	724.17	-5490.28	-15.62	1.560e+04	4446.96 1.494e+06
		-1.689e+06	-4658.46	-0.14	0.0	579.6	724.17	-5490.28	-15.62	1.560e+04	-4658.46-1.689e+06
66	10	2.615e+05	2044.55	0.03	0.0	0.0	644.33	982.25	-5.19	-3.938e+04	2044.55-3.137e+05
		-3.137e+05	1644.98	0.09	0.0	579.6	644.33	982.25	-5.19	-3.938e+04	1644.98 2.615e+05
66	11	4.193e+05	3148.86	0.04	0.0	0.0	419.81	1541.04	-8.72	-4.486e+04	3148.86-4.738e+05
		-4.738e+05	2036.70	3.09e-03	0.0	579.6	419.81	1541.04	-8.72	-4.486e+04	2036.70 4.193e+05
66	12	1.116e+06	2149.97	0.10	0.0	0.0	623.36	-4127.32	-8.46	1.776e+04	2149.97 1.116e+06
		-1.276e+06	-2852.22	0.09	0.0	579.6	623.36	-4127.32	-8.46	1.776e+04	-2852.22-1.276e+06
66	13	8.084e+05	2447.97	0.07	0.0	0.0	400.36	-2973.08	-8.64	8702.65	2447.97 8.084e+05
		-9.148e+05	-2592.07	-0.08	0.0	579.6	400.36	-2973.08	-8.64	8702.65	-2592.07-9.148e+05
66	14	1.962e+05	1546.55	0.02	0.0	0.0	483.53	736.72	-3.96	-2.952e+04	1546.55-2.352e+05
		-2.352e+05	1253.33	0.06	0.0	579.6	483.53	736.72	-3.96	-2.952e+04	1253.33 1.962e+05
66	15	3.140e+05	2376.17	0.03	0.0	0.0	315.58	1154.03	-6.61	-3.359e+04	2376.17-3.548e+05
		-3.548e+05	1554.53	2.20e-03	0.0	579.6	315.58	1154.03	-6.61	-3.359e+04	1554.53 3.140e+05
66	16	8.372e+05	1659.29	0.07	0.0	0.0	468.34	-3095.74	-6.51	1.332e+04	1659.29 8.372e+05
		-9.571e+05	-2185.88	0.07	0.0	579.6	468.34	-3095.74	-6.51	1.332e+04	-2185.88-9.571e+05
66	17	6.065e+05	1856.47	0.05	0.0	0.0	301.44	-2230.46	-6.55	6529.69	1856.47 6.065e+05
		-6.863e+05	-1965.80	-0.06	0.0	579.6	301.44	-2230.46	-6.55	6529.69	-1965.80-6.863e+05
67	1	1.340e+04	172.98	-6.27e-03	-1331.76	0.0	76.94	725.09	0.33	4357.57	172.98-3.560e+04
		-5.663e+04	56.72	1.04e-04	0.0	355.1	76.94	-606.66	0.33	4357.57	56.72-5.663e+04
67	2	1.584e+05	902.54	-0.02	-8406.13	0.0	183.45	4861.06	2.70	3.016e+04	-55.70-3.284e+05
		-3.284e+05	-55.70	-2.69e-04	0.0	355.1	183.45	-3545.07	2.70	3.016e+04	902.54-1.174e+05
67	3	5.781e+04	87.63	-4.94e-03	-3362.45	0.0	29.38	1821.74	-0.46	1.118e+04	87.63-1.125e+05
		-1.125e+05	-74.39	7.94e-05	0.0	355.1	29.38	-1540.71	-0.46	1.118e+04	-74.39-7.169e+04
67	4	8.742e+04	107.48	-8.00e-03	-5043.68	0.0	45.47	2750.31	-0.44	1.689e+04	107.48-1.715e+05
		-1.715e+05	-48.41	1.02e-04	0.0	355.1	45.47	-2293.37	-0.44	1.689e+04	-48.41-1.039e+05

67	5	980.80	112.11	-3.77e-03	0.0	0.0	202.92	-91.49	0.37	794.85	-20.30	980.80
		-3.151e+04	-20.30	-9.06e-05	0.0	355.1	202.92	-91.49	0.37	794.85	112.11	-3.151e+04
67	6	2.116e+06	2.824e+04	-0.10	0.0	0.0	-1811.85	9047.35	114.45	-4.947e+04	-1.272e+04	-1.100e+06
		-1.100e+06	-1.272e+04	0.09	0.0	355.1	-1811.85	9047.35	114.45	-4.947e+04	2.824e+04	2.116e+06
67	7	1.866e+06	2.235e+04	-0.09	0.0	0.0	-1854.88	8041.62	79.77	-6.135e+04	-6030.44	-9.910e+05
		-9.910e+05	-6030.44	-6.50e-03	0.0	355.1	-1854.88	8041.62	79.77	-6.135e+04	2.235e+04	1.866e+06
67	8	3.839e+05	7965.92	0.01	0.0	0.0	-1508.31	2007.35	-27.42	-1.512e+04	7965.92	-3.573e+05
		-3.573e+05	-2565.72	0.05	0.0	355.1	-1508.31	2007.35	-27.42	-1.512e+04	-2565.72	3.839e+05
67	9	1.930e+05	4948.68	0.05	0.0	0.0	-596.95	965.77	30.86	-3.453e+04	-6640.13	-2.211e+05
		-2.630e+05	-6640.13	-0.07	0.0	355.1	-596.95	965.77	30.86	-3.453e+04	4948.68	-2.630e+05
67	10	1.126e+06	1.669e+04	-0.05	0.0	0.0	-967.46	4816.88	67.16	-2.652e+04	-7331.50	-5.865e+05
		-5.865e+05	-7331.50	0.05	0.0	355.1	-967.46	4816.88	67.16	-2.652e+04	1.669e+04	1.126e+06
67	11	9.930e+05	1.311e+04	-0.05	0.0	0.0	-1005.67	4280.45	46.90	-3.270e+04	-3571.21	-5.283e+05
		-5.283e+05	-3571.21	-3.93e-03	0.0	355.1	-1005.67	4280.45	46.90	-3.270e+04	1.311e+04	9.930e+05
67	12	2.107e+05	4347.28	6.75e-03	0.0	0.0	-884.34	1080.43	-15.16	-8942.29	4347.28	-1.902e+05
		-1.902e+05	-1518.59	0.03	0.0	355.1	-884.34	1080.43	-15.16	-8942.29	-1518.59	2.107e+05
67	13	1.225e+05	2933.42	0.03	0.0	0.0	-341.83	564.36	17.79	-1.938e+04	-3762.29	-1.225e+05
		-1.477e+05	-3762.29	-0.04	0.0	355.1	-341.83	564.36	17.79	-1.938e+04	2933.42	-1.477e+05
67	14	8.442e+05	1.254e+04	-0.04	0.0	0.0	-725.82	3611.54	50.45	-1.989e+04	-5504.32	-4.399e+05
		-4.399e+05	-5504.32	0.04	0.0	355.1	-725.82	3611.54	50.45	-1.989e+04	1.254e+04	8.442e+05
67	15	7.436e+05	1.004e+04	-0.03	0.0	0.0	-756.48	3205.65	35.91	-2.450e+04	-2739.04	-3.957e+05
		-3.957e+05	-2739.04	-3.03e-03	0.0	355.1	-756.48	3205.65	35.91	-2.450e+04	1.004e+04	7.436e+05
67	16	1.580e+05	3263.99	5.07e-03	0.0	0.0	-680.90	810.35	-11.43	-6792.67	3263.99	-1.427e+05
		-1.427e+05	-1169.90	0.02	0.0	355.1	-680.90	810.35	-11.43	-6792.67	-1169.90	1.580e+05
67	17	9.196e+04	2269.99	0.02	0.0	0.0	-261.61	423.66	13.62	-1.479e+04	-2851.21	-9.196e+04
		-1.108e+05	-2851.21	-0.03	0.0	355.1	-261.61	423.66	13.62	-1.479e+04	2269.99	-1.108e+05
68	1	3.786e+04	656.67	5.23e-03	-1686.98	0.0	-10.75	703.67	2.91	-2514.63	-652.87	-2.800e+04
		-9.090e+04	-652.87	-2.32e-04	0.0	449.9	-10.75	-983.30	2.91	-2514.63	656.67	-9.090e+04
68	2	2.186e+04	1068.96	0.02	0.0	0.0	205.61	1.39	5.22	-2.973e+04	-1279.88	-2.249e+04
		-2.249e+04	-1279.88	-2.82e-04	0.0	449.9	205.61	1.39	5.22	-2.973e+04	1068.96	-2.249e+04
68	3	9657.93	94.74	2.33e-03	0.0	0.0	54.55	84.22	-0.68	-1.238e+04	94.74	-2.823e+04
		-2.823e+04	-211.81	7.11e-05	0.0	449.9	54.55	84.22	-0.68	-1.238e+04	-211.81	9657.93
68	4	1.192e+04	42.63	3.78e-03	0.0	0.0	87.54	114.87	-0.51	-1.849e+04	42.63	-3.976e+04
		-3.976e+04	-185.92	8.10e-05	0.0	449.9	87.54	114.87	-0.51	-1.849e+04	-185.92	1.192e+04
68	5	6.960e+04	510.03	-0.01	-3149.02	0.0	150.54	1416.50	1.80	-1114.18	-300.41	-7.361e+04
		-1.447e+05	-300.41	-1.32e-04	0.0	449.9	150.54	-1732.52	1.80	-1114.18	510.03	-1.447e+05
68	6	9.121e+05	1.109e+05	0.13	0.0	0.0	-1435.01	5796.97	-820.55	2.315e+04	1.109e+05	-1.703e+06
		-1.703e+06	-2.583e+05	0.17	0.0	449.9	-1435.01	5796.97	-820.55	2.315e+04	-2.583e+05	9.121e+05
68	7	7.863e+05	8.933e+04	0.11	0.0	0.0	-1310.88	5039.61	-666.12	4285.94	8.933e+04	-1.487e+06
		-1.487e+06	-2.104e+05	0.05	0.0	449.9	-1310.88	5039.61	-666.12	4285.94	-2.104e+05	7.863e+05
68	8	2.188e+05	8598.61	-0.01	0.0	0.0	-1058.20	1150.64	31.45	-6.530e+04	-6516.54	-3.051e+05
		-3.051e+05	-6516.54	0.08	0.0	449.9	-1058.20	1150.64	31.45	-6.530e+04	8598.61	-3.051e+05
68	9	2.567e+05	-3944.95	-0.06	0.0	0.0	-441.45	-814.21	-20.02	-9.470e+04	-5464.98	-1.194e+05
		1.194e+05	-5464.98	-0.09	0.0	449.9	-441.45	-814.21	-20.02	-9.470e+04	-5464.98	1.194e+05
68	10	4.880e+05	6.541e+04	0.07	0.0	0.0	-777.45	3088.67	-484.92	1.255e+04	6.541e+04	-9.060e+05
		-9.060e+05	-1.528e+05	0.09	0.0	449.9	-777.45	3088.67	-484.92	1.255e+04	-1.528e+05	4.880e+05
68	11	4.215e+05	5.239e+04	0.06	0.0	0.0	-712.33	2687.89	-391.09	2301.05	5.239e+04	-7.915e+05
		-7.915e+05	-1.236e+05	0.03	0.0	449.9	-712.33	2687.89	-391.09	2301.05	-1.236e+05	4.215e+05
68	12	1.187e+05	4615.73	8.11e-03	0.0	0.0	-583.42	632.14	16.96	-3.564e+04	-3627.52	-1.692e+05
		-1.692e+05	-3627.52	0.04	0.0	449.9	-583.42	632.14	16.96	-3.564e+04	4615.73	-1.692e+05
68	13	1.417e+05	-3222.15	-0.03	0.0	0.0	-250.23	-456.50	-11.84	-5.024e+04	-3222.15	1.417e+05
		6.897e+04	-3242.92	-0.04	0.0	449.9	-250.23	-456.50	-11.84	-5.024e+04	-3242.92	6.897e+04
68	14	3.660e+05	4.912e+04	0.05	0.0	0.0	-584.91	2315.84	-364.17	9413.44	4.912e+04	-6.792e+05
		-6.792e+05	-1.147e+05	0.07	0.0	449.9	-584.91	2315.84	-364.17	9413.44	-1.147e+05	3.660e+05
68	15	3.162e+05	4.009e+04	0.04	0.0	0.0	-536.13	2013.91	-299.35	1725.89	4.009e+04	-5.928e+05
		-5.928e+05	-9.459e+04	0.02	0.0	449.9	-536.13	2013.91	-299.35	1725.89	-9.459e+04	3.162e+05
68	16	8.907e+04	3462.96	6.08e-03	0.0	0.0	-442.29	474.12	12.75	-2.674e+04	-2756.51	-1.269e+05
		-1.269e+05	-2756.51	0.03	0.0	449.9	-442.29	474.12	12.75	-2.674e+04	3462.96	-1.269e+05
68	17	1.063e+05	-1783.33	-0.02	0.0	0.0	-190.25	-342.60	-9.13	-3.769e+04	-1783.33	1.063e+05
		5.180e+04	-2505.40	-0.03	0.0	449.9	-190.25	-342.60	-9.13	-3.769e+04	-2505.40	5.180e+04
69	1	4.380e+04	1140.85	-0.01	-1687.50	0.0	23.73	1008.37	-8.33	2668.13	1140.85	-9.149e+04
		-9.149e+04	-2606.05	7.30e-04	0.0	450.0	23.73	-679.13	-8.33	2668.13	-2606.05	-9.149e+04
69	2	456.44	3484.63	-0.02	0.0	0.0	336.68	44.84	-23.16	1.387e+04	3484.63	-1.972e+04
		-1.972e+04	-6939.56	2.01e-03	0.0	450.0	336.68	44.84	-23.16	1.387e+04	-6939.56	456.44
69	3	9377.06	247.27	-4.66e-04	0.0	0.0	83.39	-37.59	-0.77	6027.75	247.27	-7539.32
		-7539.32	-97.78	9.89e-05	0.0	450.0	83.39	-37.59	-0.77	6027.75	-97.78	-7539.32
69	4	1.167e+04	627.27	-1.25e-03	0.0	0.0	134.98	-48.63	-3.20	8955.07	627.27	-1.021e+04
		-1.021e+04	-810.66	2.39e-04	0.0	450.0	134.98	-48.63	-3.20	8955.07	-810.66	-1.021e+04
69	5	8.057e+04	1054.28	-0.01	-3150.00	0.0	157.29	1781.54	-9.16	2231.46	1054.28	-1.461e+05
		-1.461e+05	-3069.57	6.64e-04	0.0	450.0	157.29	-1368.46	-9.16	2231.46	-3069.57	-1.461e+05
69	6	2.255e+06	2.515e+05	-0.17	0.0	0.0	-5589.94	7599.93	-790.23	-1.323e+04	2.515e+05	-1.170e+06
		-1.170e+06	-1.122e+05	0.10	0.0	450.0	-5589.94	7599.93	-790.23	-1.323e+04	-1.122e+05	2.255e+06
69	7	2.021e+06	1.990e+05	-0.15	0.0	0.0	-4449.19	6780.69	-605.79	-2.135e+04	1.990e+05	-1.035e+06
		-1.035e+06	-8.376e+04	-0.07	0.0	450.0	-4449.19	6780.69	-605.79	-2.135e+04	-8.376e+04	2.021e+06
69	8	1.780e+05	9385.73	0.04	0.0	0.0	-1663.29	-1220.73	-29.05	7.885e+04	9385.73	-3.805e+05
		-3.805e+05	-5196.47	0.12	0.0	450.0	-1663.29	-1220.73	-29.05	7.885e+04	-5196.47	-3.805e+05

69	9	2.602e+05	1.037e+04	0.06	0.0	0.0	-838.95	-1873.41	-43.67	5.975e+04	1.037e+04	2.602e+05
		-5.842e+05	-9506.80	-0.06	0.0	450.0	-838.95	-1873.41	-43.67	5.975e+04	-9506.80	-5.842e+05
69	10	1.200e+06	1.495e+05	-0.09	0.0	0.0	-2981.91	4046.64	-471.00	-7384.56	1.495e+05	-6.247e+05
		-6.247e+05	-6.674e+04	0.06	0.0	450.0	-2981.91	4046.64	-471.00	-7384.56	-6.674e+04	1.200e+06
69	11	1.075e+06	1.178e+05	-0.08	0.0	0.0	-2368.78	3612.36	-360.84	-1.135e+04	1.178e+05	5.533e+05
		-5.533e+05	-4.975e+04	-0.04	0.0	450.0	-2368.78	3612.36	-360.84	-1.135e+04	-4.975e+04	1.075e+06
69	12	1.025e+05	5277.39	0.02	0.0	0.0	-898.55	-698.73	-16.77	4.193e+04	5277.39	1.025e+05
		-2.165e+05	-3068.11	0.06	0.0	450.0	-898.55	-698.73	-16.77	4.193e+04	-3068.11	-2.165e+05
69	13	1.391e+05	5623.32	0.03	0.0	0.0	-479.24	-997.12	-23.54	3.232e+04	5623.32	1.391e+05
		-3.105e+05	-5109.66	-0.03	0.0	450.0	-479.24	-997.12	-23.54	3.232e+04	-5109.66	-3.105e+05
69	14	8.995e+05	1.123e+05	-0.07	0.0	0.0	-2236.49	3033.79	-354.14	-5539.48	1.123e+05	-4.685e+05
		-4.685e+05	-5.031e+04	0.04	0.0	450.0	-2236.49	3033.79	-354.14	-5539.48	-5.031e+04	8.995e+05
69	15	8.053e+05	9.031e+04	-0.06	0.0	0.0	-1774.09	2705.88	-276.91	-8501.57	9.031e+04	-4.148e+05
		-4.148e+05	-3.815e+04	-0.03	0.0	450.0	-1774.09	2705.88	-276.91	-8501.57	-3.815e+04	8.053e+05
69	16	7.694e+04	4012.21	0.02	0.0	0.0	-674.28	-524.29	-12.78	3.146e+04	4012.21	7.694e+04
		-1.625e+05	-2335.04	0.05	0.0	450.0	-674.28	-524.29	-12.78	3.146e+04	-2335.04	-1.625e+05
69	17	1.043e+05	4241.63	0.02	0.0	0.0	-360.49	-747.99	-17.74	2.428e+04	4241.63	1.043e+05
		-2.329e+05	-3850.61	-0.02	0.0	450.0	-360.49	-747.99	-17.74	2.428e+04	-3850.61	-2.329e+05
70	1	3.648e+04	67.48	5.89e-03	-1605.33	0.0	-23.39	750.01	0.78	-5505.39	-265.27	-3.852e+04
		-6.106e+04	-265.27	8.26e-05	0.0	428.1	-23.39	-855.32	0.78	-5505.39	67.48	-6.106e+04
70	2	2.441e+05	32.64	-0.04	-9410.75	0.0	-85.15	4243.81	0.94	-1.796e+04	-370.48	-1.771e+05
		-3.537e+05	-370.48	-4.41e-04	0.0	428.1	-85.15	-5166.93	0.94	-1.796e+04	32.64	-3.537e+05
70	3	9.910e+04	85.25	-0.02	-3764.30	0.0	-30.97	1765.92	0.32	-6459.31	-51.34	-8.320e+04
		-1.246e+05	-51.34	-8.91e-05	0.0	428.1	-30.97	-1998.38	0.32	-6459.31	85.25	-1.246e+05
70	4	1.486e+05	107.78	-0.03	-5646.45	0.0	-48.41	2638.38	0.39	-9754.49	-59.64	-1.227e+05
		-1.893e+05	-59.64	-1.44e-04	0.0	428.1	-48.41	-3008.07	0.39	-9754.49	107.78	-1.893e+05
70	5	106.50	199.40	5.11e-03	0.0	0.0	115.71	38.11	-0.47	-4897.03	199.40	-1.621e+04
		-1.621e+04	-0.51	-3.37e-04	0.0	428.1	115.71	38.11	-0.47	-4897.03	-0.51	106.50
70	6	9.438e+05	3340.38	0.14	0.0	0.0	566.20	6681.09	-20.88	-6.260e+04	3340.38	-1.919e+06
		-1.919e+06	-5720.42	0.12	0.0	428.1	566.20	6681.09	-20.88	-6.260e+04	-5720.42	9.438e+05
70	7	7.421e+05	2400.81	0.13	0.0	0.0	607.22	5649.86	-15.32	-6.122e+04	2400.81	-1.677e+06
		-1.677e+06	-4701.82	-4.07e-03	0.0	428.1	607.22	5649.86	-15.32	-6.122e+04	-4701.82	7.421e+05
70	8	3.184e+05	-2884.94	0.02	0.0	0.0	-633.80	-1609.94	-16.36	4.685e+04	-2884.94	3.184e+05
		-4.168e+05	-5637.02	0.06	0.0	428.1	-633.80	-1609.94	-16.36	4.685e+04	-5637.02	-4.168e+05
70	9	5.061e+05	6762.00	0.04	0.0	0.0	-885.63	-2786.88	25.96	5.178e+04	6762.00	-6.938e+05
		-6.938e+05	-4623.43	-0.10	0.0	428.1	-885.63	-2786.88	25.96	5.178e+04	-4623.43	5.061e+05
70	10	5.033e+05	1846.17	0.07	0.0	0.0	340.17	3556.76	-11.51	-3.332e+04	1846.17	-1.021e+06
		-1.021e+06	-3160.14	0.06	0.0	428.1	340.17	3556.76	-11.51	-3.332e+04	-3160.14	5.033e+05
70	11	3.955e+05	1371.61	0.07	0.0	0.0	371.77	3007.27	-9.11	-3.259e+04	1371.61	-8.926e+05
		-8.926e+05	-2797.22	-2.88e-03	0.0	428.1	371.77	3007.27	-9.11	-3.259e+04	-2797.22	3.955e+05
70	12	1.835e+05	-1686.76	0.01	0.0	0.0	-355.22	-918.83	-9.63	2.522e+04	-1686.76	1.835e+05
		-2.329e+05	-3202.29	0.03	0.0	428.1	-355.22	-918.83	-9.63	2.522e+04	-3202.29	-2.329e+05
70	13	2.699e+05	3679.57	0.02	0.0	0.0	-470.27	-1480.84	13.95	2.803e+04	3679.57	-3.684e+05
		-3.684e+05	-2468.83	-0.05	0.0	428.1	-470.27	-1480.84	13.95	2.803e+04	-2468.83	2.699e+05
70	14	3.775e+05	1387.92	0.06	0.0	0.0	260.89	2666.69	-8.63	-2.498e+04	1387.92	-7.654e+05
		-7.654e+05	-2371.58	0.05	0.0	428.1	260.89	2666.69	-8.63	-2.498e+04	-2371.58	3.775e+05
70	15	2.963e+05	1043.78	0.05	0.0	0.0	285.46	2252.15	-6.99	-2.440e+04	1043.78	-6.684e+05
		-6.684e+05	-2145.22	-2.27e-03	0.0	428.1	285.46	2252.15	-6.99	-2.440e+04	-2145.22	2.963e+05
70	16	1.377e+05	-1285.60	9.76e-03	0.0	0.0	-269.65	-689.47	-7.28	1.894e+04	-1285.60	1.377e+05
		-1.748e+05	-2407.65	0.02	0.0	428.1	-269.65	-689.47	-7.28	1.894e+04	-2407.65	-1.748e+05
70	17	2.025e+05	2765.80	0.02	0.0	0.0	-352.95	-1111.22	10.48	2.114e+04	2765.80	-2.025e+05
		-2.765e+05	-1856.86	-0.04	0.0	428.1	-352.95	-1111.22	10.48	2.114e+04	-1856.86	2.025e+05
71	1	3.829e+04	86.46	-5.23e-03	-1518.85	0.0	47.73	640.12	1.27	-199.14	-429.89	-1.626e+04
		-6.458e+04	-429.89	-2.11e-04	0.0	405.0	47.73	-878.73	1.27	-199.14	86.46	-6.458e+04
71	2	3.486e+05	921.88	-0.06	-1.366e+04	0.0	-164.45	5849.13	8.06	-463.76	-2343.23	-1.585e+05
		-5.562e+05	-2343.23	-2.50e-03	0.0	405.0	-164.45	-7815.49	8.06	-463.76	921.88	-5.562e+05
71	3	1.392e+05	252.40	-0.02	-5465.85	0.0	-123.04	2342.14	1.84	-353.97	-494.16	-6.411e+04
		-2.222e+05	-494.16	-8.65e-04	0.0	405.0	-123.04	-3123.71	1.84	-353.97	252.40	-2.222e+05
71	4	2.088e+05	399.89	-0.03	-8198.78	0.0	-179.76	3512.86	3.08	-504.20	-847.46	-9.605e+04
		-3.333e+05	-847.46	-1.31e-03	0.0	405.0	-179.76	-4685.92	3.08	-504.20	399.89	-3.333e+05
71	5	419.76	45.30	3.46e-03	0.0	0.0	-41.96	-10.56	1.26	-333.85	-464.92	419.76
		-3858.71	-464.92	-1.10e-04	0.0	405.0	-41.96	-10.56	1.26	-333.85	45.30	-3858.71
71	6	4.016e+04	4.441e+05	1.96e-03	0.0	0.0	1055.50	-174.68	2602.40	-4.353e+05	-6.141e+05	4.016e+04
		-3.099e+04	-6.141e+05	-0.83	0.0	405.0	1055.50	-174.68	2602.40	-4.353e+05	4.441e+05	-3.099e+04
71	7	2.429e+04	3.275e+05	1.79e-03	0.0	0.0	639.86	-105.50	1973.95	-3.700e+05	-4.857e+05	2.429e+04
		-1.890e+04	-4.857e+05	-0.66	0.0	405.0	639.86	-105.50	1973.95	-3.700e+05	3.275e+05	-1.890e+04
71	8	7.696e+05	2.435e+04	0.05	0.0	0.0	1.429e+04	4556.40	-124.14	1.383e+04	2.435e+04	-1.076e+06
		-1.076e+06	-2.672e+04	0.15	0.0	405.0	1.429e+04	4556.40	-124.14	1.383e+04	-2.672e+04	7.696e+05
71	9	7.905e+05	2.609e+04	0.05	0.0	0.0	1.533e+04	4684.48	122.80	1.249e+04	-2.382e+04	-1.107e+06
		-1.107e+06	-2.382e+04	-0.14	0.0	405.0	1.533e+04	4684.48	122.80	1.249e+04	2.609e+04	7.905e+05
71	10	2.144e+04	2.630e+05	1.05e-03	0.0	0.0	589.03	-93.33	1540.92	-2.575e+05	-3.637e+05	2.144e+04
		-1.658e+04	-3.637e+05	-0.56	0.0	405.0	589.03	-93.33	1540.92	-2.575e+05	2.630e+05	-1.658e+04
71	11	1.294e+04	1.925e+05	9.54e-04	0.0	0.0	348.08	-56.22	1162.03	-2.188e+05	-2.382e+04	-1.107e+06
		-1.008e+04	-2.864e+05	-0.45	0.0	405.0	348.08	-56.22	1162.03	-2.188e+05	1.925e+05	-1.008e+04
71	12	4.117e+05	1.359e+04	0.03	0.0	0.0	7792.68	2436.93	-69.75	7916.68	1.359e+04	-5.754e+05
		-5.754e+05	-1.513e+04	0.08	0.0	405.0	7792.68	2436.93	-69.75	7916.68	-1.513e+04	4.117e+05

71	13	4.225e+05	1.457e+04	0.03	0.0	0.0	8463.63	2502.58	68.17	6791.74	-1.315e+04	-5.912e+05
		-5.912e+05	-1.315e+04	-0.08	0.0	405.0	8463.63	2502.58	68.17	6791.74	1.457e+04	4.225e+05
71	14	1.611e+04	1.979e+05	7.86e-04	0.0	0.0	447.89	-70.16	1158.20	-1.933e+05	-2.732e+05	1.611e+04
		-1.246e+04	-2.732e+05	-0.42	0.0	405.0	447.89	-70.16	1158.20	-1.933e+05	1.979e+05	-1.246e+04
71	15	9710.98	1.474e+05	7.14e-04	0.0	0.0	262.20	-42.18	889.95	-1.677e+05	-2.194e+05	9710.98
		-7557.94	-2.194e+05	-0.35	0.0	405.0	262.20	-42.18	889.95	-1.677e+05	1.474e+05	-7557.94
71	16	3.089e+05	1.028e+04	0.02	0.0	0.0	5886.71	1828.67	-52.94	5933.13	1.028e+04	-4.317e+05
		-4.317e+05	-1.152e+04	0.06	0.0	405.0	5886.71	1828.67	-52.94	5933.13	-1.152e+04	3.089e+05
71	17	3.172e+05	1.108e+04	0.02	0.0	0.0	6423.27	1878.62	51.70	5096.91	-9951.32	-4.438e+05
		-4.438e+05	-9951.32	-0.06	0.0	405.0	6423.27	1878.62	51.70	5096.91	1.108e+04	3.172e+05
72	1	3.869e+04	332.69	-7.83e-03	-1762.15	0.0	152.84	919.96	1.45	-726.79	-350.65	-7.395e+04
		-7.395e+04	-350.65	6.52e-05	0.0	469.9	152.84	-842.19	1.45	-726.79	332.69	-5.568e+04
72	2	1.494e+04	-214.68	-7.98e-03	-2.20	0.0	361.06	51.57	-1.75	2384.39	-214.68	-8948.63
		-8948.63	-1039.08	3.65e-04	0.0	469.9	361.06	49.38	-1.75	2384.39	-1039.08	1.494e+04
72	3	-364.70	124.58	1.21e-04	-0.88	0.0	-8.39	0.19	0.61	-1491.57	-160.46	-391.35
		-441.72	-160.46	-1.61e-04	0.0	469.9	-8.39	-0.69	0.61	-1491.57	124.58	-441.72
72	4	11.28	42.97	-3.00e-04	-1.32	0.0	2.98	1.78	0.50	-1749.76	-189.66	-620.86
		-620.86	-189.66	-2.23e-04	0.0	469.9	2.98	0.47	0.50	-1749.76	42.97	11.28
72	5	3904.70	-156.81	2.21e-03	0.0	0.0	45.34	41.55	-0.31	-2324.42	-156.81	-1.562e+04
		-1.562e+04	-300.19	-6.14e-04	0.0	469.9	45.34	41.55	-0.31	-2324.42	-300.19	3904.70
72	6	3.232e+05	7222.30	0.02	0.0	0.0	-1795.50	-1290.51	59.43	-4.266e+04	-2.084e+04	3.232e+05
		-2.839e+05	-2.084e+04	0.12	0.0	469.9	-1795.50	-1290.51	59.43	-4.266e+04	7222.30	-2.839e+05
72	7	6.512e+04	-1.066e+04	0.01	0.0	0.0	-365.97	-246.57	65.63	-5.266e+04	-2.050e+04	6.512e+04
		-5.917e+04	-2.050e+04	0.02	0.0	469.9	-365.97	-246.57	65.63	-5.266e+04	-1.066e+04	-5.917e+04
72	8	2.220e+06	6015.07	-0.09	0.0	0.0	1272.85	9366.74	-26.60	-1.117e+04	6015.07	-2.181e+06
		-2.181e+06	-6514.96	0.12	0.0	469.9	1272.85	9366.74	-26.60	-1.117e+04	-6514.96	2.220e+06
72	9	2.706e+06	4054.18	-0.10	0.0	0.0	567.31	1.143e+04	-19.00	-1.690e+04	4054.18	-2.666e+06
		-2.666e+06	-4904.18	-0.12	0.0	469.9	567.31	1.143e+04	-19.00	-1.690e+04	-4904.18	2.706e+06
72	10	1.758e+05	4211.84	0.01	0.0	0.0	-1065.10	-704.28	34.87	-2.288e+04	-1.225e+04	1.758e+05
		-1.556e+05	-1.225e+04	0.06	0.0	469.9	-1065.10	-704.28	34.87	-2.288e+04	4211.84	-1.556e+05
72	11	3.490e+04	-5941.78	7.74e-03	0.0	0.0	-206.96	-132.19	37.23	-2.802e+04	-1.174e+04	3.490e+04
		-3.167e+04	-1.174e+04	8.92e-03	0.0	469.9	-206.96	-132.19	37.23	-2.802e+04	-5941.78	-3.167e+04
72	12	1.195e+06	3498.04	-0.05	0.0	0.0	705.93	5042.03	-15.42	-6341.73	3498.04	-1.174e+06
		-1.174e+06	-3767.22	0.07	0.0	469.9	705.93	5042.03	-15.42	-6341.73	-3767.22	1.195e+06
72	13	1.438e+06	2316.42	-0.05	0.0	0.0	345.23	6075.65	-10.76	-9042.82	2316.42	-1.417e+06
		-1.417e+06	-2758.05	-0.07	0.0	469.9	345.23	6075.65	-10.76	-9042.82	-2758.05	1.438e+06
72	14	1.318e+05	3171.25	8.59e-03	0.0	0.0	-815.61	-528.13	26.22	-1.716e+04	-9206.43	1.318e+05
		-1.167e+05	-9206.43	0.05	0.0	469.9	-815.61	-528.13	26.22	-1.716e+04	3171.25	-1.167e+05
72	15	2.619e+04	-4497.80	5.79e-03	0.0	0.0	-157.48	-99.20	28.29	-2.098e+04	-8940.34	2.619e+04
		-2.375e+04	-8940.34	6.73e-03	0.0	469.9	-157.48	-99.20	28.29	-2.098e+04	-4497.80	-2.375e+04
72	16	8.964e+05	2681.16	-0.03	0.0	0.0	536.79	3782.04	-11.80	-4758.26	2681.16	-8.808e+05
		-8.808e+05	-2878.20	0.05	0.0	469.9	536.79	3782.04	-11.80	-4758.26	-2878.20	8.964e+05
72	17	1.079e+06	1759.31	-0.04	0.0	0.0	267.81	4557.90	-8.16	-6784.40	1759.31	-1.063e+06
		-1.063e+06	-2086.43	-0.05	0.0	469.9	267.81	4557.90	-8.16	-6784.40	-2086.43	1.079e+06
73	1	3.848e+04	7197.40	-6.89e-03	-1762.50	0.0	102.55	909.40	26.54	495.53	-5276.98	-7.169e+04
		-7.169e+04	-5276.98	-7.84e-03	0.0	470.0	102.55	-853.10	26.54	495.53	7197.40	-5.846e+04
73	2	3.530e+05	2.064e+04	-0.07	-1.438e+04	0.0	104.69	6619.65	74.11	-7817.10	-1.419e+04	-4.652e+05
		-6.021e+05	-1.419e+04	-0.02	0.0	470.0	104.69	-7757.17	74.11	-7817.10	2.064e+04	-6.021e+05
73	3	1.394e+05	103.43	-0.03	-5750.73	0.0	-156.04	2640.77	0.28	1023.90	-30.32	-1.863e+05
		-2.444e+05	-30.32	2.00e-04	0.0	470.0	-156.04	-3109.96	0.28	1023.90	103.43	-2.444e+05
73	4	2.095e+05	2439.09	-0.04	-8626.09	0.0	-216.58	3960.60	8.72	560.84	-1657.85	-2.789e+05
		-3.663e+05	-1657.85	-1.94e-03	0.0	470.0	-216.58	-4665.49	8.72	560.84	2439.09	-3.663e+05
73	5	6238.84	1.152e+04	3.53e-03	0.0	0.0	-78.82	64.93	41.61	2092.03	-8039.73	-2.428e+04
		-2.428e+04	-8039.73	-0.01	0.0	470.0	-78.82	64.93	41.61	2092.03	1.152e+04	6238.84
73	6	2.696e+05	2.726e+05	-0.07	0.0	0.0	1480.05	-924.81	1034.68	-1.210e+05	-2.142e+05	1.828e+05
		1.828e+05	-2.142e+05	-0.35	0.0	470.0	1480.05	-924.81	1034.68	-1.210e+05	2.726e+05	2.696e+05
73	7	1.870e+05	2.382e+05	-0.02	0.0	0.0	856.45	-548.83	895.76	-1.277e+05	-1.832e+05	1.870e+05
		-7.686e+04	-1.832e+05	-0.45	0.0	470.0	856.45	-548.83	895.76	-1.277e+05	2.382e+05	-7.686e+04
73	8	2.611e+06	2.217e+04	-0.11	0.0	0.0	988.06	1.083e+04	-104.90	-2.631e+04	2.217e+04	-2.480e+06
		-2.480e+06	-2.723e+04	0.09	0.0	470.0	988.06	1.083e+04	-104.90	-2.631e+04	-2.723e+04	2.611e+06
73	9	2.273e+06	1.415e+04	-0.09	0.0	0.0	1521.97	9482.06	-64.89	-3.959e+04	1.415e+04	-2.183e+06
		-2.183e+06	-1.636e+04	-0.10	0.0	470.0	1521.97	9482.06	-64.89	-3.959e+04	-1.636e+04	2.273e+06
73	10	1.479e+05	1.518e+05	-0.04	0.0	0.0	895.00	-514.10	577.03	-6.464e+04	-1.197e+05	1.031e+05
		1.031e+05	-1.197e+05	-0.19	0.0	470.0	895.00	-514.10	577.03	-6.464e+04	1.518e+05	-1.479e+05
73	11	9.942e+04	1.315e+05	-0.01	0.0	0.0	509.16	-291.59	495.05	-6.805e+04	-1.015e+05	9.942e+04
		-4.079e+04	-1.015e+05	-0.24	0.0	470.0	509.16	-291.59	495.05	-6.805e+04	1.315e+05	-4.079e+04
73	12	1.389e+06	1.283e+04	-0.06	0.0	0.0	606.20	5762.45	-60.60	-1.426e+04	1.283e+04	-1.320e+06
		-1.320e+06	-1.570e+04	0.05	0.0	470.0	606.20	5762.45	-60.60	-1.426e+04	-1.570e+04	1.389e+06
73	13	1.219e+06	8098.25	-0.05	0.0	0.0	921.22	5080.93	-37.12	-2.101e+04	8098.25	-1.170e+06
		-1.170e+06	-9354.72	-0.06	0.0	470.0	921.22	5080.93	-37.12	-2.101e+04	-9354.72	1.219e+06
73	14	1.109e+05	1.150e+05	-0.03	0.0	0.0	688.04	-385.59	437.00	-4.848e+04	-9.063e+04	7.731e+04
		7.731e+04	-9.063e+04	-0.14	0.0	470.0	688.04	-385.59	437.00	-4.848e+04	1.150e+05	-1.109e+05
73	15	7.447e+04	9.928e+04	-9.47e-03	0.0	0.0	389.47	-218.48	373.94	-5.097e+04	-7.667e+04	7.447e+04
		-3.058e+04	-7.667e+04	-0.18	0.0	470.0	389.47	-218.48	373.94	-5.097e+04	9.928e+04	-3.058e+04
73	16	1.042e+06	9717.78	-0.04	0.0	0.0	470.85	4322.06	-45.89	-1.069e+04	9717.78	-9.897e+05
		-9.897e+05	-1.189e+04	0.04	0.0	470.0	470.85	4322.06	-45.89	-1.069e+04	-1.189e+04	1.042e+06

73	17	9.141e+05	6149.30	-0.04	0.0	0.0	717.59	3811.64	-28.20	-1.576e+04	6149.30	-8.774e+05
		-8.774e+05	-7108.61	-0.04	0.0	470.0	717.59	3811.64	-28.20	-1.576e+04	-7108.61	9.141e+05
74	1	1.335e+04	524.64	3.62e-03	-1166.77	0.0	-30.07	357.98	2.39	-6485.96	-219.32	-3730.00
		-7.386e+04	-219.32	-1.13e-04	0.0	311.1	-30.07	-808.79	2.39	-6485.96	524.64	-7.386e+04
74	2	3.276e+04	648.70	4.00e-03	-299.99	0.0	200.65	-303.51	2.78	-3373.58	-215.65	3.276e+04
		-9.279e+04	-215.65	-3.80e-04	0.0	311.1	200.65	-603.51	2.78	-3373.58	648.70	-9.279e+04
74	3	2.233e+04	16.72	1.51e-03	-120.00	0.0	-13.80	-192.54	0.07	1508.32	-6.12	2.233e+04
		-5.002e+04	-6.12	-6.56e-05	0.0	311.1	-13.80	-312.53	0.07	1508.32	16.72	-5.002e+04
74	4	3.208e+04	85.36	2.19e-03	-180.00	0.0	-6.22	-277.05	0.58	1532.43	-95.85	3.208e+04
		-7.278e+04	-95.85	-1.33e-04	0.0	311.1	-6.22	-457.05	0.58	1532.43	85.36	-7.278e+04
74	5	1.721e+04	627.12	-7.45e-04	-2177.97	0.0	165.03	906.29	5.48	-1.355e+04	-1078.84	-4.131e+04
		-9.815e+04	-1078.84	-6.00e-04	0.0	311.1	165.03	-1271.68	5.48	-1.355e+04	627.12	-9.815e+04
74	6	1.397e+06	5340.69	0.05	0.0	0.0	-3913.03	1.036e+04	-28.62	-2.089e+04	5340.69	-1.826e+06
		-1.826e+06	-4459.26	0.08	0.0	311.1	-3913.03	1.036e+04	-28.62	-2.089e+04	-4459.26	1.397e+06
74	7	5.338e+05	9380.26	0.02	0.0	0.0	-3599.26	4128.15	-54.50	-3.127e+04	9380.26	-7.507e+05
		-7.507e+05	-7725.38	2.19e-03	0.0	311.1	-3599.26	4128.15	-54.50	-3.127e+04	-7725.38	5.338e+05
74	8	2.582e+06	7873.23	-0.07	0.0	0.0	579.11	-1.499e+04	-48.19	2.974e+04	7873.23	-2.582e+06
		-2.083e+06	-7202.74	0.07	0.0	311.1	579.11	-1.499e+04	-48.19	2.974e+04	-7202.74	2.083e+06
74	9	4.126e+06	1.101e+04	-0.11	0.0	0.0	857.16	-2.394e+04	-61.48	1.334e+04	1.101e+04	-4.126e+06
		-3.322e+06	-8284.38	-0.08	0.0	311.1	857.16	-2.394e+04	-61.48	1.334e+04	-8284.38	3.322e+06
74	10	7.505e+05	3128.57	0.03	0.0	0.0	-2220.48	5561.07	-16.59	-1.137e+04	3128.57	-9.798e+05
		-9.798e+05	-2594.24	0.04	0.0	311.1	-2220.48	5561.07	-16.59	-1.137e+04	-2594.24	9.798e+05
74	11	2.842e+05	5219.82	0.01	0.0	0.0	-2055.25	2197.57	-29.89	-1.668e+04	5219.82	-3.996e+05
		-3.996e+05	-4177.20	9.70e-04	0.0	311.1	-2055.25	2197.57	-29.89	-1.668e+04	-4177.20	3.996e+05
74	12	1.426e+06	4623.10	-0.04	0.0	0.0	341.58	-8279.09	-28.15	1.581e+04	4623.10	-1.426e+06
		-1.150e+06	-4181.20	0.04	0.0	311.1	341.58	-8279.09	-28.15	1.581e+04	-4181.20	1.150e+06
74	13	2.187e+06	5931.73	-0.06	0.0	0.0	495.22	-1.269e+04	-33.34	7619.58	5931.73	-2.187e+06
		-1.761e+06	-4550.51	-0.04	0.0	311.1	495.22	-1.269e+04	-33.34	7619.58	-4550.51	1.761e+06
74	14	5.627e+05	2364.72	0.02	0.0	0.0	-1686.89	4169.17	-12.51	-8536.95	2364.72	-7.346e+05
		-7.346e+05	-1965.35	0.03	0.0	311.1	-1686.89	4169.17	-12.51	-8536.95	-1965.35	7.346e+05
74	15	2.128e+05	3944.34	9.47e-03	0.0	0.0	-1560.57	1645.71	-22.52	-1.250e+04	3944.34	-2.993e+05
		-2.993e+05	-3139.21	6.93e-04	0.0	311.1	-1560.57	1645.71	-22.52	-1.250e+04	-3139.21	2.993e+05
74	16	1.070e+06	3511.82	-0.03	0.0	0.0	259.40	-6211.19	-21.40	1.186e+04	3511.82	-1.070e+06
		-8.629e+05	-3180.25	0.03	0.0	311.1	259.40	-6211.19	-21.40	1.186e+04	-3180.25	8.629e+05
74	17	1.641e+06	4457.36	-0.04	0.0	0.0	380.21	-9519.31	-25.09	5718.29	4457.36	-1.641e+06
		-1.321e+06	-3434.71	-0.03	0.0	311.1	380.21	-9519.31	-25.09	5718.29	-3434.71	1.321e+06
75	1	1.095e+04	723.36	-3.26e-03	-1164.86	0.0	35.12	695.94	-3.74	1.124e+04	723.36	-5.349e+04
		-5.349e+04	-437.65	7.73e-05	0.0	310.6	35.12	-468.92	-3.74	1.124e+04	-437.65	1.823e+04
75	2	9.189e+04	1521.97	-8.71e-03	-5913.15	0.0	476.75	2367.13	-10.69	6.452e+04	1521.97	-6.034e+04
		-2.279e+05	-1798.04	1.03e-03	0.0	310.6	476.75	-3546.01	-10.69	6.452e+04	-1798.04	2.279e+05
75	3	3.567e+04	192.10	-3.25e-03	-2365.26	0.0	41.93	1006.25	-1.95	2.201e+04	192.10	-3.329e+04
		-8.187e+04	-414.40	3.26e-04	0.0	310.6	41.93	-1359.01	-1.95	2.201e+04	-414.40	8.187e+04
75	4	5.379e+04	362.51	-4.89e-03	-3547.89	0.0	90.24	1499.69	-3.60	3.411e+04	362.51	-4.833e+04
		-1.242e+05	-756.18	5.38e-04	0.0	310.6	90.24	-2048.20	-3.60	3.411e+04	-756.18	1.242e+05
75	5	1.512e+04	515.94	-5.02e-04	-2174.40	0.0	192.02	1188.39	-5.33	2.209e+04	515.94	-8.567e+04
		-8.567e+04	-1139.11	5.74e-04	0.0	310.6	192.02	-986.02	-5.33	2.209e+04	-1139.11	8.567e+04
75	6	2.303e+06	5022.58	0.03	0.0	0.0	3689.16	1.422e+04	-29.24	-3.407e+04	5022.58	-2.115e+06
		-2.115e+06	-4959.00	0.08	0.0	310.6	3689.16	1.422e+04	-29.24	-3.407e+04	-4959.00	2.303e+06
75	7	1.150e+06	8196.94	0.02	0.0	0.0	3743.72	7413.19	-49.31	-5.288e+04	8196.94	-1.153e+06
		-1.153e+06	-7389.92	1.87e-03	0.0	310.6	3743.72	7413.19	-49.31	-5.288e+04	-7389.92	1.150e+06
75	8	4.237e+06	1.129e+04	-0.07	0.0	0.0	861.63	2.492e+04	57.07	3.644e+04	1.129e+04	-4.237e+06
		-3.504e+06	-6922.65	0.08	0.0	310.6	861.63	2.492e+04	57.07	3.644e+04	-6922.65	3.504e+06
75	9	2.703e+06	6668.20	-0.04	0.0	0.0	674.61	1.583e+04	41.10	2.118e+04	6668.20	-2.215e+06
		-2.215e+06	-6408.26	-0.08	0.0	310.6	674.61	1.583e+04	41.10	2.118e+04	-6408.26	2.215e+06
75	10	1.232e+06	2869.55	0.02	0.0	0.0	2029.76	7601.70	-17.08	-1.869e+04	2869.55	-1.130e+06
		-1.130e+06	-2902.48	0.04	0.0	310.6	2029.76	7601.70	-17.08	-1.869e+04	-2902.48	1.130e+06
75	11	6.120e+05	4483.82	0.01	0.0	0.0	2135.65	3944.57	-27.58	-2.816e+04	4483.82	-6.133e+05
		-6.133e+05	-4243.99	7.45e-04	0.0	310.6	2135.65	3944.57	-27.58	-2.816e+04	-4243.99	6.133e+05
75	12	2.248e+06	6114.45	-0.04	0.0	0.0	484.23	1.322e+04	31.39	1.977e+04	6114.45	-2.248e+06
		-1.859e+06	-3943.49	0.04	0.0	310.6	484.23	1.322e+04	31.39	1.977e+04	-3943.49	1.859e+06
75	13	1.479e+06	3901.51	-0.02	0.0	0.0	386.88	8664.26	23.69	1.209e+04	3901.51	-1.479e+06
		-1.213e+06	-3623.74	-0.04	0.0	310.6	386.88	8664.26	23.69	1.209e+04	-3623.74	1.213e+06
75	14	9.234e+05	2166.28	0.01	0.0	0.0	1534.33	5698.71	-12.90	-1.403e+04	2166.28	-9.234e+05
		-8.470e+05	-2193.11	0.03	0.0	310.6	1534.33	5698.71	-12.90	-1.403e+04	-2193.11	8.470e+05
75	15	4.583e+05	3377.60	8.60e-03	0.0	0.0	1621.99	2953.57	-20.86	-2.109e+04	3377.60	-4.592e+05
		-4.592e+05	-3226.82	5.17e-04	0.0	310.6	1621.99	2953.57	-20.86	-2.109e+04	-3226.82	4.592e+05
75	16	1.686e+06	4592.48	-0.03	0.0	0.0	368.42	9914.84	23.64	1.486e+04	4592.48	-1.686e+06
		-1.394e+06	-2993.69	0.03	0.0	310.6	368.42	9914.84	23.64	1.486e+04	-2993.69	1.394e+06
75	17	1.109e+06	2967.93	-0.02	0.0	0.0	294.72	6500.44	18.03	9114.20	2967.93	-1.109e+06
		-9.098e+05	-2756.39	-0.03	0.0	310.6	294.72	6500.44	18.03	9114.20	-2756.39	9.098e+05
76	1	1.182e+04	205.28	0.02	-523.57	0.0	12.78	-750.92	-2.94	4.158e+04	205.28	-1.182e+04
		-1.532e+05	-204.97	-2.73e-05	0.0	139.6	12.78	-1274.50	-2.94	4.158e+04	-204.97	1.532e+05
76	2	-8632.28	573.98	-0.02	-1203.79	0.0	-3.40	-312.90	9.80	1.425e+04	-8632.28	573.98
		-1.379e+05	-794.10	-2.55e-04	0.0	139.6	-3.40	-1516.69	9.80	1.425e+04	-794.10	1.379e+05
76	3	-3910.27	22.48	-9.76e-03	-481.51	0.0	5.38	-146.26	-0.21	9237.07	22.48	-3910.27
		-5.855e+04	-6.52	-3.11e-05	0.0	139.6	5.38	-627.77	-0.21	9237.07	-6.52	5.855e+04

76	4	-5717.84	91.79	-0.01	-722.27	0.0	6.10	-216.32	0.91	1.336e+04	-35.38	-5717.84
		-8.725e+04	-35.38	-5.14e-05	0.0	139.6	6.10	-938.59	0.91	1.336e+04	91.79	-8.725e+04
76	5	-1.703e+04	723.14	0.05	-977.34	0.0	21.46	-1321.36	-7.66	7.422e+04	723.14	-1.703e+04
		-2.697e+05	-346.28	6.56e-05	0.0	139.6	21.46	-2298.69	-7.66	7.422e+04	-346.28	-2.697e+05
76	6	1.497e+05	2.482e+04	0.69	0.0	0.0	807.68	722.01	324.71	-1.831e+05	-2.072e+04	5.205e+05
		5.205e+04	-2.072e+04	0.04	0.0	139.6	807.68	722.01	324.71	-1.831e+05	2.482e+04	1.497e+05
76	7	1.302e+05	1.224e+04	0.73	0.0	0.0	659.74	542.33	202.09	-1.104e+05	-1.601e+04	5.794e+04
		5.794e+04	-1.601e+04	-3.32e-03	0.0	139.6	659.74	542.33	202.09	-1.104e+05	1.224e+04	1.302e+05
76	8	3.825e+04	1.061e+04	0.21	0.0	0.0	-239.32	-893.31	100.09	1.735e+05	-3704.06	3.825e+04
		-9.004e+04	-3704.06	0.01	0.0	139.6	-239.32	-893.31	100.09	1.735e+05	1.061e+04	-9.004e+04
76	9	4.891e+04	1.881e+04	0.29	0.0	0.0	-413.30	-1426.80	198.20	2.831e+05	-9819.47	4.891e+04
		-1.515e+05	-9819.47	-0.03	0.0	139.6	-413.30	-1426.80	198.20	2.831e+05	1.881e+04	-1.515e+05
76	10	8.397e+04	1.393e+04	0.37	0.0	0.0	486.31	404.24	181.89	-9.815e+04	-1.159e+04	2.948e+04
		2.948e+04	-1.159e+04	0.02	0.0	139.6	486.31	404.24	181.89	-9.815e+04	1.393e+04	8.397e+04
76	11	7.615e+04	6776.71	0.39	0.0	0.0	389.26	323.99	111.45	-5.968e+04	-8804.85	3.278e+04
		3.278e+04	-8804.85	-1.76e-03	0.0	139.6	389.26	323.99	111.45	-5.968e+04	6776.71	7.615e+04
76	12	2.069e+04	6238.08	0.11	0.0	0.0	-137.63	-494.25	58.89	9.620e+04	-2172.47	2.069e+04
		-5.049e+04	-2172.47	5.52e-03	0.0	139.6	-137.63	-494.25	58.89	9.620e+04	6238.08	-5.049e+04
76	13	2.599e+04	1.054e+04	0.15	0.0	0.0	-221.09	-760.16	113.73	1.501e+05	-5870.11	2.599e+04
		-8.094e+04	-5870.11	-0.02	0.0	139.6	-221.09	-760.16	113.73	1.501e+05	1.054e+04	-8.094e+04
76	14	6.377e+04	1.055e+04	0.27	0.0	0.0	373.11	306.36	137.77	-7.366e+04	-8778.58	2.246e+04
		2.246e+04	-8778.58	0.01	0.0	139.6	373.11	306.36	137.77	-7.366e+04	1.055e+04	6.377e+04
76	15	5.837e+04	5118.43	0.29	0.0	0.0	297.23	249.23	84.10	-4.489e+04	-6639.40	2.496e+04
		2.496e+04	-6639.40	-1.32e-03	0.0	139.6	297.23	249.23	84.10	-4.489e+04	5118.43	5.837e+04
76	16	1.554e+04	4707.81	0.08	0.0	0.0	-103.80	-371.09	44.42	7.218e+04	-1640.93	1.554e+04
		-3.795e+04	-1640.93	4.14e-03	0.0	139.6	-103.80	-371.09	44.42	7.218e+04	4707.81	-3.795e+04
76	17	1.950e+04	8024.46	0.12	0.0	0.0	-166.36	-571.17	87.14	1.126e+05	-4548.00	1.950e+04
		-6.088e+04	-4548.00	-0.01	0.0	139.6	-166.36	-571.17	87.14	1.126e+05	8024.46	-6.088e+04
77	1	-8644.59	219.61	-0.03	-508.13	0.0	-25.24	1234.72	4.00	-3.716e+04	-322.94	-1.415e+05
		-1.415e+05	-322.94	-4.27e-05	0.0	135.5	-25.24	726.59	4.00	-3.716e+04	219.61	-8644.59
77	2	-1.783e+04	154.37	-0.13	-61.14	0.0	-129.65	3934.53	2.91	-2.269e+05	-239.75	-5.454e+05
		-5.454e+05	-239.75	-2.02e-05	0.0	135.5	-129.65	3873.39	2.91	-2.269e+05	154.37	-1.783e+04
77	3	-7693.28	263.59	-0.05	-24.46	0.0	-16.39	1595.99	3.73	-9.450e+04	-241.65	-2.217e+05
		-2.217e+05	-241.65	-1.46e-05	0.0	135.5	-16.39	1571.53	3.73	-9.450e+04	263.59	-7693.28
77	4	-1.130e+04	332.57	-0.07	-36.69	0.0	-33.66	2390.39	4.43	-1.411e+05	-267.55	-3.319e+05
		-3.319e+05	-267.55	-2.82e-05	0.0	135.5	-33.66	2353.71	4.43	-1.411e+05	332.57	-1.130e+04
77	5	-9381.56	231.25	-0.06	-948.51	0.0	-58.60	2212.69	2.00	-6.361e+04	-39.58	-2.449e+05
		-2.449e+05	-39.58	-1.11e-04	0.0	135.5	-58.60	1264.19	2.00	-6.361e+04	231.25	-9381.56
77	6	-1.130e+05	9988.57	0.98	0.0	0.0	-1845.57	762.01	186.70	-2.554e+05	-1.561e+04	-1.750e+05
		-1.750e+05	-1.561e+04	0.04	0.0	135.5	-1845.57	762.01	186.70	-2.554e+05	9988.57	-1.130e+05
77	7	-1.145e+05	7307.68	1.01	0.0	0.0	-1787.39	578.92	87.29	-1.741e+05	-4654.28	-1.210e+05
		-1.210e+05	-4654.28	-1.81e-03	0.0	135.5	-1787.39	578.92	87.29	-1.741e+05	7307.68	-1.145e+05
77	8	5.061e+04	1.750e+04	-0.32	0.0	0.0	767.31	1789.85	-187.18	-2.928e+05	1.750e+04	-1.961e+05
		-1.961e+05	-1.082e+04	0.04	0.0	135.5	767.31	1789.85	-187.18	-2.928e+05	1.750e+04	5.061e+04
77	9	4.314e+04	9004.40	-0.24	0.0	0.0	424.33	1387.93	-91.56	-1.816e+05	9004.40	-1.525e+05
		-1.525e+05	-4432.55	-0.01	0.0	135.5	424.33	1387.93	-91.56	-1.816e+05	4314e+04	-1.525e+05
77	10	-6.146e+04	5508.37	0.52	0.0	0.0	-1114.25	447.51	103.56	-1.366e+05	-8709.39	-9.714e+04
		-9.714e+04	-8709.39	0.02	0.0	135.5	-1114.25	447.51	103.56	-1.366e+05	5508.37	-6.146e+04
77	11	-6.201e+04	3929.49	0.54	0.0	0.0	-1082.04	347.13	47.41	-9.315e+04	-2579.75	-6.802e+04
		-6.802e+04	-2579.75	-1.15e-03	0.0	135.5	-1082.04	347.13	47.41	-9.315e+04	3929.49	-6.201e+04
77	12	2.706e+04	1.008e+04	-0.17	0.0	0.0	460.53	972.45	-112.35	-1.553e+05	1.008e+04	-1.073e+05
		-1.073e+05	-6606.61	0.02	0.0	135.5	460.53	972.45	-112.35	-1.553e+05	2.706e+04	-1.073e+05
77	13	2.315e+04	5259.31	-0.13	0.0	0.0	251.29	786.32	-53.02	-9.967e+04	5259.31	-8.780e+04
		-8.780e+04	-2541.34	-5.71e-03	0.0	135.5	251.29	786.32	-53.02	-9.967e+04	5259.31	-8.780e+04
77	14	-4.630e+04	4162.75	0.39	0.0	0.0	-856.20	343.77	78.29	-1.025e+05	-6583.82	-7.362e+04
		-7.362e+04	-6583.82	0.02	0.0	135.5	-856.20	343.77	78.29	-1.025e+05	4162.75	-4.630e+04
77	15	-4.661e+04	2951.07	0.40	0.0	0.0	-830.18	266.47	35.70	-6.983e+04	-1954.02	-5.161e+04
		-5.161e+04	-1954.02	-8.92e-04	0.0	135.5	-830.18	266.47	35.70	-6.983e+04	2951.07	-4.661e+04
77	16	2.032e+04	7706.89	-0.13	0.0	0.0	358.06	734.88	-86.86	-1.165e+05	7706.89	-8.129e+04
		-8.129e+04	-5137.17	0.01	0.0	135.5	358.06	734.88	-86.86	-1.165e+05	7706.89	-8.129e+04
77	17	1.740e+04	3992.77	-0.10	0.0	0.0	194.31	599.82	-40.42	-7.478e+04	3992.77	-6.729e+04
		-6.729e+04	-1954.87	-4.27e-03	0.0	135.5	194.31	599.82	-40.42	-7.478e+04	3992.77	-6.729e+04
78	1	2.310e+04	90.41	9.19e-03	-1773.75	0.0	80.07	939.39	-0.36	-543.90	90.41	-9.419e+04
		-9.419e+04	-78.68	-5.46e-05	0.0	473.0	80.07	-834.36	-0.36	-543.90	90.41	-9.419e+04
78	2	2.961e+05	181.39	-0.05	-1.212e+04	0.0	172.33	5388.95	0.24	3245.29	181.39	-5.159e+05
		-5.159e+05	69.87	-3.71e-04	0.0	473.0	172.33	-6731.05	0.24	3245.29	181.39	-5.159e+05
78	3	1.256e+05	34.29	-0.03	-4848.00	0.0	-47.25	2185.87	-0.07	1253.97	34.29	-1.921e+05
		-1.921e+05	1.73	-2.88e-05	0.0	473.0	-47.25	-2662.13	-0.07	1253.97	34.29	-1.921e+05
78	4	1.870e+05	40.18	-0.04	-7272.00	0.0	-40.71	3280.77	0.06	1834.78	40.18	-2.890e+05
		-2.890e+05	10.59	-6.00e-05	0.0	473.0	-40.71	-3991.23	0.06	1834.78	40.18	-2.890e+05
78	5	3.590e+04	257.25	0.02	0.0	0.0	244.11	338.73	1.24	-2959.50	257.25	-3.292e+04
		-1.243e+05	-329.24	-2.35e-04	0.0	473.0	244.11	338.73	1.24	-2959.50	257.25	-3.292e+04
78	6	8.925e+05	-2827.99	0.20	0.0	0.0	2512.53	6276.19	-16.70	1.741e+04	-5947.22	8.925e+05
		-2.078e+06	-5947.22	0.13	0.0	473.0	2512.53	6276.19	-16.70	1.741e+04	-5947.22	8.925e+05
78	7	8.656e+05	927.47	0.20	0.0	0.0	2395.10	6125.13	7.33	-4108.90	927.47	8.656e+05
		-2.033e+06	-2608.27	-6.55e-03	0.0	473.0	2395.10	6125.13	7.33	-4108.90	927.47	8.656e+05

78	8	1.086e+05	1882.28	0.02	0.0	0.0	-426.10	736.11	-12.77	2.967e+04	1882.28	-2.399e+05
		-2.399e+05	-5519.94	0.05	0.0	473.0	-426.10	736.11	-12.77	2.967e+04	-5519.94	1.086e+05
78	9	6.483e+04	2148.43	-0.02	0.0	0.0	-610.01	455.20	-14.36	2.164e+04	2148.43	-1.508e+05
		-1.508e+05	-5666.83	-0.10	0.0	473.0	-610.01	455.20	-14.36	2.164e+04	-5666.83	6.483e+04
78	10	4.572e+05	-1654.29	0.11	0.0	0.0	1346.53	3342.91	-9.23	9621.44	-1654.29	-1.106e+06
		-1.106e+06	-3262.85	0.07	0.0	473.0	1346.53	3342.91	-9.23	9621.44	-3262.85	4.762e+05
78	11	4.615e+05	555.59	0.11	0.0	0.0	1276.83	3260.67	4.30	-2234.80	-1516.31	-1.082e+06
		-1.082e+06	-1516.31	-4.17e-03	0.0	473.0	1276.83	3260.67	4.30	-2234.80	555.59	4.615e+05
78	12	5.801e+04	1149.76	9.25e-03	0.0	0.0	-234.27	392.62	-7.32	1.608e+04	1149.76	-1.279e+05
		-1.279e+05	-3089.42	0.02	0.0	473.0	-234.27	392.62	-7.32	1.608e+04	-3089.42	5.801e+04
78	13	3.604e+04	1300.43	-0.01	0.0	0.0	-332.57	251.82	-8.11	1.293e+04	1300.43	-8.330e+04
		-8.330e+04	-3128.33	-0.05	0.0	473.0	-332.57	251.82	-8.11	1.293e+04	-3128.33	3.604e+04
78	14	3.572e+05	-1264.08	0.08	0.0	0.0	1011.07	2506.42	-6.95	7222.29	-1264.08	-8.294e+05
		-8.294e+05	-2447.71	0.05	0.0	473.0	1011.07	2506.42	-6.95	7222.29	-2447.71	3.572e+05
78	15	3.457e+05	425.79	0.08	0.0	0.0	956.64	2441.99	3.28	-1683.34	-1155.12	-8.101e+05
		-8.101e+05	-1155.12	-3.23e-03	0.0	473.0	956.64	2441.99	3.28	-1683.34	425.79	3.457e+05
78	16	4.349e+04	896.63	6.93e-03	0.0	0.0	-176.12	294.23	-5.57	1.209e+04	896.63	-9.583e+04
		-9.583e+04	-2324.81	0.02	0.0	473.0	-176.12	294.23	-5.57	1.209e+04	-2324.81	4.349e+04
78	17	2.705e+04	1011.69	-9.61e-03	0.0	0.0	-251.62	189.00	-6.18	9928.38	1011.69	-6.253e+04
		-6.253e+04	-2358.61	-0.04	0.0	473.0	-251.62	189.00	-6.18	9928.38	-2358.61	2.705e+04
79	1	1.849e+04	312.77	-8.21e-03	-1330.37	0.0	98.11	806.19	1.14	967.32	-93.16	-6.808e+04
		-6.808e+04	-93.16	-6.85e-05	0.0	354.8	98.11	-524.19	1.14	967.32	312.77	-1.849e+04
79	2	1.586e+05	193.59	-0.02	-1.020e+04	0.0	222.01	6085.11	-4.41	985.27	193.59	-4.841e+05
		-4.841e+05	-1369.39	-5.15e-04	0.0	354.8	222.01	-4111.96	-4.41	985.27	-1369.39	1.586e+05
79	3	6.752e+04	3.51	-4.51e-03	-4078.83	0.0	-24.63	2369.49	-0.11	397.86	3.51	-1.764e+05
		-1.764e+05	-35.61	-5.51e-06	0.0	354.8	-24.63	-1709.33	-0.11	397.86	-35.61	6.752e+04
79	4	9.997e+04	45.08	-7.28e-03	-6118.24	0.0	-4.00	3553.91	-0.69	594.73	45.08	-2.659e+05
		-2.659e+05	-199.05	-3.29e-05	0.0	354.8	-4.00	-2564.33	-0.69	594.73	-199.05	9.997e+04
79	5	2.670e+04	254.13	-3.18e-03	0.0	0.0	169.86	-133.70	-3.05	-1000.63	254.13	-2.670e+04
		-2.670e+04	-287.73	-2.11e-04	0.0	354.8	169.86	-133.70	-3.05	-1000.63	-287.73	2.670e+04
79	6	2.496e+06	6500.12	-0.13	0.0	0.0	-2492.52	9922.26	-18.01	3.102e+04	6500.12	-1.026e+06
		-1.026e+06	-3563.68	0.10	0.0	354.8	-2492.52	9922.26	-18.01	3.102e+04	-3563.68	2.496e+06
79	7	2.390e+06	1002.23	-0.12	0.0	0.0	-2427.32	9447.23	-9.89	-3842.73	1002.23	-9.639e+05
		-9.639e+05	-2564.72	-2.89e-03	0.0	354.8	-2427.32	9447.23	-9.89	-3842.73	-2564.72	2.390e+06
79	8	2.496e+05	7536.70	9.10e-03	0.0	0.0	-263.29	1013.97	19.96	-3.319e+04	7536.70	-1.128e+05
		-1.128e+05	1751.37	0.05	0.0	354.8	-263.29	1013.97	19.96	-3.319e+04	1751.37	2.496e+05
79	9	1.160e+05	4713.69	0.01	0.0	0.0	-362.88	-797.73	29.56	-7.032e+04	4713.69	-1.702e+05
		-1.702e+05	-7297.21	-0.07	0.0	354.8	-362.88	-797.73	29.56	-7.032e+04	-7297.21	1.160e+05
79	10	1.329e+06	3548.51	-0.07	0.0	0.0	-1354.66	5282.93	-10.04	1.698e+04	3548.51	-5.476e+05
		-5.476e+05	-2123.82	0.05	0.0	354.8	-1354.66	5282.93	-10.04	1.698e+04	-2123.82	1.329e+06
79	11	1.271e+06	594.03	-0.06	0.0	0.0	-1311.79	5028.26	-5.92	-2257.69	594.03	-5.139e+05
		-5.139e+05	-1535.38	-1.91e-03	0.0	354.8	-1311.79	5028.26	-5.92	-2257.69	-1535.38	1.271e+06
79	12	1.371e+05	4149.46	4.88e-03	0.0	0.0	-145.97	560.45	11.14	-1.939e+04	4149.46	-6.322e+04
		-6.322e+04	1049.51	0.02	0.0	354.8	-145.97	560.45	11.14	-1.939e+04	1049.51	1.371e+05
79	13	6.242e+04	2878.44	7.97e-03	0.0	0.0	-221.32	-434.18	17.35	-3.806e+04	2878.44	-9.346e+04
		-9.346e+04	-4124.34	-0.04	0.0	354.8	-221.32	-434.18	17.35	-3.806e+04	-4124.34	6.242e+04
79	14	9.960e+05	2667.32	-0.05	0.0	0.0	-1020.13	3960.85	-7.61	1.274e+04	2667.32	-4.107e+05
		-4.107e+05	-1606.68	0.04	0.0	354.8	-1020.13	3960.85	-7.61	1.274e+04	-1606.68	9.960e+05
79	15	9.521e+05	455.82	-0.05	0.0	0.0	-985.64	3765.66	-4.54	-1727.88	455.82	-3.850e+05
		-3.850e+05	-1179.55	-1.49e-03	0.0	354.8	-985.64	3765.66	-4.54	-1727.88	-1179.55	9.521e+05
79	16	1.028e+05	3114.67	3.66e-03	0.0	0.0	-110.27	420.17	8.40	-1.460e+04	3114.67	-4.743e+04
		-4.743e+04	811.88	0.02	0.0	354.8	-110.27	420.17	8.40	-1.460e+04	811.88	1.028e+05
79	17	4.684e+04	2243.26	5.98e-03	0.0	0.0	-172.33	-325.70	13.36	-2.872e+04	2243.26	-7.010e+04
		-7.010e+04	-3128.26	-0.03	0.0	354.8	-172.33	-325.70	13.36	-2.872e+04	-3128.26	4.684e+04
80	1	2.701e+04	69.91	-3.21e-03	-1518.75	0.0	63.17	817.58	0.09	-137.34	69.91	-6.193e+04
		-6.193e+04	32.12	-3.07e-04	0.0	405.0	63.17	-701.17	0.09	-137.34	32.12	2.701e+04
80	2	2.419e+05	544.71	-0.03	-1.367e+04	0.0	-74.41	7276.50	-0.38	-598.63	544.71	-5.401e+05
		-5.401e+05	392.72	-1.68e-03	0.0	405.0	-74.41	-6390.96	-0.38	-598.63	392.72	2.419e+05
80	3	9.685e+04	140.84	-0.01	-5466.98	0.0	-87.12	2909.76	-0.04	-227.03	140.84	-2.158e+05
		-2.158e+05	124.15	-5.25e-04	0.0	405.0	-87.12	-2557.22	-0.04	-227.03	124.15	9.685e+04
80	4	1.453e+05	224.05	-0.02	-8200.47	0.0	-126.06	4364.83	-0.07	-347.17	224.05	-3.237e+05
		-3.237e+05	194.62	-8.25e-04	0.0	405.0	-126.06	-3835.64	-0.07	-347.17	194.62	1.453e+05
80	5	311.26	78.50	2.41e-04	0.0	0.0	-32.77	6.63	0.21	-185.21	311.26	-2372.00
		-2372.00	-8.12	-3.58e-04	0.0	405.0	-32.77	6.63	0.21	-185.21	-8.12	78.50
80	6	2.504e+04	3.148e+05	8.09e-04	0.0	0.0	646.74	125.88	-974.85	-1.634e+05	2.554e+05	-2.600e+04
		-2.600e+04	2.554e+05	-0.61	0.0	405.0	646.74	125.88	-974.85	-1.634e+05	3.148e+05	2.504e+04
80	7	1.621e+04	3.877e+05	5.78e-04	0.0	0.0	435.10	82.85	1346.53	-2.132e+05	2.249e+05	-1.740e+04
		-1.740e+04	2.249e+05	-0.90	0.0	405.0	435.10	82.85	1346.53	-2.132e+05	3.877e+05	1.621e+04
80	8	5.396e+05	-1.699e+04	-0.02	0.0	0.0	6650.96	2611.75	97.46	1.716e+04	-1.699e+04	-5.181e+05
		-5.181e+05	-2.643e+04	0.06	0.0	405.0	6650.96	2611.75	97.46	1.716e+04	-2.643e+04	5.396e+05
80	9	5.538e+05	1.861e+04	-0.02	0.0	0.0	6865.61	2678.86	-77.56	-1.407e+04	1.861e+04	-5.312e+05
		-5.312e+05	1.637e+04	-0.09	0.0	405.0	6865.61	2678.86	-77.56	-1.407e+04	1.637e+04	5.538e+05
80	10	1.342e+04	1.879e+05	4.33e-04	0.0	0.0	353.58	67.47	-582.96	-9.678e+04	1.879e+05	-1.393e+04
		-1.393e+04	1.518e+05	-0.37	0.0	405.0	353.58	67.47	-582.96	-9.678e+04	1.518e+05	1.342e+04
80	11	8640.65	2.310e+05	3.08e-04	0.0	0.0	235.49	44.16	801.23	-1.270e+05	1.328e+05	-9270.59
		-9270.59	1.328e+05	-0.54	0.0	405.0	235.49	44.16	801.23	-1.270e+05	2.310e+05	8640.65

80	12	2.888e+05	-1.011e+04	-0.01	0.0	0.0	3586.49	1398.05	59.73	9602.07	-1.011e+04	-2.774e+05
		-2.774e+05	-1.618e+04	0.03	0.0	405.0	3586.49	1398.05	59.73	9602.07	-1.618e+04	2.888e+05
80	13	2.963e+05	1.128e+04	-0.01	0.0	0.0	3730.29	1433.34	-46.92	-7966.82	9532.81	-2.843e+05
		-2.843e+05	9532.81	-0.05	0.0	405.0	3730.29	1433.34	-46.92	-7966.82	1.128e+04	2.963e+05
80	14	1.009e+04	1.428e+05	3.25e-04	0.0	0.0	266.92	50.72	-447.59	-7.277e+04	1.151e+05	-1.047e+04
		-1.047e+04	1.151e+05	-0.28	0.0	405.0	266.92	50.72	-447.59	-7.277e+04	1.428e+05	1.009e+04
80	15	6477.85	1.774e+05	2.31e-04	0.0	0.0	176.97	33.10	615.27	-9.746e+04	1.018e+05	-6948.04
		-6948.04	1.018e+05	-0.42	0.0	405.0	176.97	33.10	615.27	-9.746e+04	1.774e+05	6477.85
80	16	2.168e+05	-7843.80	-7.70e-03	0.0	0.0	2699.66	1049.44	46.58	7215.45	-7843.80	-2.082e+05
		-2.082e+05	-1.257e+04	0.03	0.0	405.0	2699.66	1049.44	46.58	7215.45	-1.257e+04	2.168e+05
80	17	2.225e+05	8751.69	-7.91e-03	0.0	0.0	2816.27	1076.49	-36.45	-5990.44	7343.46	-2.135e+05
		-2.135e+05	7343.46	-0.04	0.0	405.0	2816.27	1076.49	-36.45	-5990.44	8751.69	2.225e+05
81	1	2.905e+04	205.28	0.04	-1564.79	0.0	19.63	813.87	2.01	-1.273e+04	-581.67	-5.363e+04
		-5.363e+04	-581.67	-1.27e-04	0.0	391.2	19.63	-750.92	2.01	-1.273e+04	205.28	-4.131e+04
81	2	9481.65	35.37	0.01	-469.31	0.0	-52.31	156.41	-2.12	-8941.20	35.37	-1.404e+04
		-1.405e+04	-794.10	-2.59e-04	0.0	391.2	-52.31	-312.90	-2.12	-8941.20	-794.10	-1.405e+04
81	3	4159.24	22.48	0.01	-187.72	0.0	4.77	41.46	0.74	-4110.97	-266.44	-891.28
		-9149.52	-266.44	-7.76e-05	0.0	391.2	4.77	-146.26	0.74	-4110.97	22.48	-9149.52
81	4	6129.07	-35.38	0.02	-281.59	0.0	2.63	65.27	0.67	-6008.13	-298.23	-2047.39
		-1.323e+04	-298.23	-1.13e-04	0.0	391.2	2.63	-216.32	0.67	-6008.13	-35.38	-1.323e+04
81	5	5.071e+04	723.14	0.07	-2738.39	0.0	61.65	1417.03	4.17	-1.864e+04	-906.53	-9.255e+04
		-9.255e+04	-906.53	-1.93e-04	0.0	391.2	61.65	-1321.36	4.17	-1.864e+04	723.14	-7.383e+04
81	6	1.821e+05	1.361e+04	-0.07	0.0	0.0	-2054.90	929.47	-85.61	5.529e+04	1.361e+04	-1.819e+05
		-1.819e+05	-2.072e+04	0.10	0.0	391.2	-2054.90	929.47	-85.61	5.529e+04	-2.072e+04	1.821e+05
81	7	1.092e+05	1.564e+04	-0.07	0.0	0.0	-2012.53	622.30	-79.37	6.017e+04	1.564e+04	-1.346e+05
		-1.346e+05	-1.601e+04	1.47e-03	0.0	391.2	-2012.53	622.30	-79.37	6.017e+04	-1.601e+04	1.092e+05
81	8	1.290e+05	2731.04	-0.12	0.0	0.0	200.80	-774.70	-9.80	3.476e+04	2731.04	1.290e+05
		-1.742e+05	-3704.06	0.03	0.0	391.2	200.80	-774.70	-9.80	3.476e+04	-3704.06	-1.742e+05
81	9	2.032e+05	5250.24	-0.24	0.0	0.0	243.58	-1245.10	-25.81	4.279e+04	5250.24	2.032e+05
		-2.841e+05	-9819.47	-0.06	0.0	391.2	243.58	-1245.10	-25.81	4.279e+04	-9819.47	-2.841e+05
81	10	9.763e+04	7340.36	-0.03	0.0	0.0	-1109.17	497.02	-47.02	3.116e+04	7340.36	-9.709e+04
		-9.709e+04	-1.159e+04	0.05	0.0	391.2	-1109.17	497.02	-47.02	3.116e+04	-1.159e+04	9.763e+04
81	11	5.901e+04	8341.26	-0.03	0.0	0.0	-1086.20	334.82	-42.81	3.398e+04	8341.26	-7.216e+04
		-7.216e+04	-8804.85	6.15e-04	0.0	391.2	-1086.20	334.82	-42.81	3.398e+04	-8804.85	5.901e+04
81	12	7.123e+04	1591.58	-0.07	0.0	0.0	111.80	-428.86	-5.64	1.878e+04	1591.58	7.123e+04
		-9.659e+04	-2172.47	0.02	0.0	391.2	111.80	-428.86	-5.64	1.878e+04	-2172.47	-9.659e+04
81	13	1.079e+05	2824.52	-0.13	0.0	0.0	142.65	-660.47	-15.71	2.275e+04	2824.52	1.079e+05
		-1.506e+05	-5870.11	-0.04	0.0	391.2	142.65	-660.47	-15.71	2.275e+04	-5870.11	-1.506e+05
81	14	7.327e+04	5514.62	-0.02	0.0	0.0	-834.06	372.92	-35.49	2.371e+04	5514.62	-7.283e+04
		-7.283e+04	-8778.58	0.04	0.0	391.2	-834.06	372.92	-35.49	2.371e+04	-8778.58	7.327e+04
81	15	4.438e+04	6249.92	-0.02	0.0	0.0	-815.79	251.53	-32.15	2.586e+04	6249.92	-5.416e+04
		-5.416e+04	-6639.40	4.32e-04	0.0	391.2	-815.79	251.53	-32.15	2.586e+04	-6639.40	4.438e+04
81	16	5.344e+04	1201.23	-0.05	0.0	0.0	84.31	-321.77	-4.29	1.411e+04	1201.23	5.344e+04
		-7.247e+04	-1640.93	0.01	0.0	391.2	84.31	-321.77	-4.29	1.411e+04	-1640.93	-7.247e+04
81	17	8.098e+04	2126.76	-0.10	0.0	0.0	110.08	-495.57	-12.22	1.707e+04	2126.76	8.098e+04
		-1.130e+05	-4548.00	-0.03	0.0	391.2	110.08	-495.57	-12.22	1.707e+04	-4548.00	-1.130e+05
82	1	2.859e+04	219.61	-0.03	-1549.71	0.0	23.37	726.59	-1.44	8872.27	219.61	-7.311e+04
		-5.581e+04	-337.31	-6.91e-05	0.0	387.4	23.37	-823.12	-1.44	8872.27	-337.31	-5.581e+04
82	2	2.183e+05	154.37	-0.19	-8665.36	0.0	-38.93	3873.39	-6.58	1.922e+04	154.37	-2.268e+05
		-2.377e+05	-2393.29	-2.20e-04	0.0	387.4	-38.93	-4791.98	-6.58	1.922e+04	-2393.29	-2.377e+05
82	3	8.788e+04	263.59	-0.08	-3466.15	0.0	10.30	1571.53	-3.83	8272.51	263.59	-9.445e+04
		-9.445e+04	-1221.56	2.74e-05	0.0	387.4	10.30	-1894.61	-3.83	8272.51	-1221.56	-9.025e+04
82	4	1.317e+05	332.57	-0.12	-5199.22	0.0	12.47	2353.71	-5.22	1.216e+04	332.57	-1.411e+05
		-1.411e+05	-1688.75	-5.42e-05	0.0	387.4	12.47	-2845.51	-5.22	1.216e+04	-1688.75	-1.362e+05
82	5	5.017e+04	231.25	-0.05	-2711.99	0.0	47.83	1264.19	-0.74	9771.40	231.25	-6.355e+04
		-9.912e+04	-56.60	-1.63e-04	0.0	387.4	47.83	-1447.81	-0.74	9771.40	-56.60	-9.912e+04
82	6	2.503e+05	9988.57	-0.39	0.0	0.0	2930.61	1302.84	-18.36	1.144e+05	9988.57	-2.547e+05
		-2.547e+05	-1.080e+04	0.10	0.0	387.4	2930.61	1302.84	-18.36	1.144e+05	-1.080e+04	2.503e+05
82	7	1.949e+05	7307.68	-0.41	0.0	0.0	2915.92	950.37	-33.14	1.156e+05	7307.68	-1.734e+05
		-1.734e+05	-1.295e+04	6.72e-03	0.0	387.4	2915.92	950.37	-33.14	1.156e+05	-1.295e+04	1.949e+05
82	8	2.103e+05	2.006e+04	0.35	0.0	0.0	806.69	1298.40	69.13	-4.893e+04	-1.082e+04	-2.930e+05
		-2.930e+05	-1.082e+04	0.04	0.0	387.4	806.69	1298.40	69.13	-4.893e+04	2.006e+04	2.103e+05
82	9	1.339e+05	1.344e+04	0.21	0.0	0.0	752.96	814.51	42.47	-4.211e+04	-4432.55	-1.818e+05
		-1.818e+05	-4432.55	-0.06	0.0	387.4	752.96	814.51	42.47	-4.211e+04	1.344e+04	1.339e+05
82	10	1.336e+05	5508.37	-0.20	0.0	0.0	1584.20	696.08	-10.85	6.224e+04	5508.37	-1.362e+05
		-1.362e+05	-6190.02	0.05	0.0	387.4	1584.20	696.08	-10.85	6.224e+04	-6190.02	1.336e+05
82	11	1.040e+05	3929.49	-0.21	0.0	0.0	1606.17	507.77	-19.65	6.257e+04	3929.49	-9.277e+04
		-9.277e+04	-7881.08	3.34e-03	0.0	387.4	1606.17	507.77	-19.65	6.257e+04	-7881.08	1.040e+05
82	12	1.117e+05	1.081e+04	0.19	0.0	0.0	437.29	689.14	38.98	-2.617e+04	-6606.61	-1.555e+05
		-1.555e+05	-6606.61	0.02	0.0	387.4	437.29	689.14	38.98	-2.617e+04	1.081e+04	1.117e+05
82	13	7.339e+04	7384.12	0.11	0.0	0.0	413.09	446.84	23.34	-2.259e+04	-2541.34	-9.980e+04
		-9.980e+04	-2541.34	-0.03	0.0	387.4	413.09	446.84	23.34	-2.259e+04	7384.12	7.339e+04
82	14	1.003e+05	4162.75	-0.15	0.0	0.0	1192.15	522.19	-8.38	4.688e+04	4162.75	-1.022e+05
		-1.022e+05	-4716.76	0.04	0.0	387.4	1192.15	522.19	-8.38	4.688e+04	-4716.76	1.003e+05
82	15	7.795e+04	2951.07	-0.16	0.0	0.0	1211.65	380.58	-15.03	4.703e+04	2951.07	-6.955e+04
		-6.955e+04	-6053.20	2.46e-03	0.0	387.4	1211.65	380.58	-15.03	4.703e+04	-6053.20	7.795e+04

82	16	8.380e+04	8144.77	0.14	0.0	0.0	330.17	516.92	29.76	-1.966e+04	-5137.17	-1.166e+05
		-1.166e+05	-5137.17	0.02	0.0	387.4	330.17	516.92	29.76	-1.966e+04	8144.77	8.380e+04
82	17	5.507e+04	5558.73	0.09	0.0	0.0	311.80	335.26	17.65	-1.698e+04	-1954.87	-7.487e+04
		-7.487e+04	-1954.87	-0.03	0.0	387.4	311.80	335.26	17.65	-1.698e+04	5558.73	5.507e+04
83	1	1.709e+04	518.64	7.72e-03	-1275.00	0.0	108.71	500.08	3.49	-4176.04	-668.66	-1.619e+04
		-6.291e+04	-668.66	-1.75e-04	0.0	340.0	108.71	-774.92	3.49	-4176.04	518.64	-6.291e+04
83	2	1.199e+05	1471.99	0.03	0.0	0.0	-131.24	-698.29	-5.07	1368.62	1471.99	1.199e+05
		-1.175e+05	-252.95	-5.09e-04	0.0	340.0	-131.24	-698.29	-5.07	1368.62	-252.95	-1.175e+05
83	3	2397.99	10.69	6.96e-04	0.0	0.0	-46.18	-7.18	0.03	3318.32	0.26	2397.99
		-44.48	0.26	-3.93e-05	0.0	340.0	-46.18	-7.18	0.03	3318.32	10.69	-44.48
83	4	9313.64	127.99	2.34e-03	0.0	0.0	-73.79	-45.43	-0.38	4435.34	127.99	9313.64
		-6131.13	-1.91	-9.70e-05	0.0	340.0	-73.79	-45.43	-0.38	4435.34	-1.91	-6131.13
83	5	1.526e+04	580.74	2.32e-03	0.0	0.0	-165.20	-82.88	-1.54	-3931.97	580.74	1.526e+04
		-1.292e+04	56.12	-3.48e-04	0.0	340.0	-165.20	-82.88	-1.54	-3931.97	56.12	-1.292e+04
83	6	2.004e+05	1.109e+04	-0.01	0.0	0.0	1878.97	-843.39	-74.72	1.508e+05	1.109e+04	2.004e+05
		-8.662e+04	-1.515e+04	0.09	0.0	340.0	1878.97	-843.39	-74.72	1.508e+05	-1.515e+04	-8.662e+04
83	7	5.218e+04	1.237e+04	-8.94e-03	0.0	0.0	1835.35	454.72	-73.75	1.377e+05	1.237e+04	-8.94e+03
		-1.026e+05	-1.276e+04	0.01	0.0	340.0	1835.35	454.72	-73.75	1.377e+05	-1.276e+04	-1.026e+05
83	8	8.225e+05	-3487.95	0.10	0.0	0.0	2630.22	8275.33	-22.18	2.147e+04	-5869.31	-1.991e+06
		-1.991e+06	-5869.31	0.03	0.0	340.0	2630.22	8275.33	-22.18	2.147e+04	-3487.95	8.225e+05
83	9	1.019e+06	5110.97	0.12	0.0	0.0	2781.77	1.014e+04	-15.21	-1.560e+04	3117.13	-2.429e+06
		-2.429e+06	3117.13	-0.05	0.0	340.0	2781.77	1.014e+04	-15.21	-1.560e+04	5110.97	1.019e+06
83	10	1.124e+05	6082.38	-7.22e-03	0.0	0.0	1053.47	-473.71	-40.03	8.024e+04	6082.38	1.124e+05
		-4.889e+04	-8064.02	0.05	0.0	340.0	1053.47	-473.71	-40.03	8.024e+04	-8064.02	-4.889e+04
83	11	2.780e+04	6661.04	-4.75e-03	0.0	0.0	1003.60	242.14	-39.57	7.327e+04	6661.04	-5.465e+04
		-5.465e+04	-6825.44	5.68e-03	0.0	340.0	1003.60	242.14	-39.57	7.327e+04	-6825.44	-5.465e+04
83	12	4.432e+05	-2049.24	0.05	0.0	0.0	1409.28	4454.94	-12.58	1.184e+04	-3276.17	-1.072e+06
		-1.072e+06	-3276.17	0.02	0.0	340.0	1409.28	4454.94	-12.58	1.184e+04	-2049.24	4.432e+05
83	13	5.422e+05	2791.43	0.06	0.0	0.0	1503.56	5389.19	-8.67	-8689.67	1818.61	-1.291e+06
		-1.291e+06	1818.61	-0.03	0.0	340.0	1503.56	5389.19	-8.67	-8689.67	2791.43	5.422e+05
83	14	8.429e+04	4564.36	-5.41e-03	0.0	0.0	798.21	-355.41	-30.02	6.016e+04	4564.36	8.429e+04
		-3.670e+04	-6045.83	0.04	0.0	340.0	798.21	-355.41	-30.02	6.016e+04	-6045.83	-3.670e+04
83	15	2.083e+04	5002.42	-3.55e-03	0.0	0.0	755.63	181.36	-29.69	5.487e+04	5002.42	-4.093e+04
		-4.093e+04	-5117.31	4.22e-03	0.0	340.0	755.63	181.36	-29.69	5.487e+04	-5117.31	2.083e+04
83	16	3.325e+05	-1555.16	0.04	0.0	0.0	1057.51	3341.82	-9.61	8875.43	-2489.38	-8.039e+05
		-8.039e+05	-2489.38	0.01	0.0	340.0	1057.51	3341.82	-9.61	8875.43	-1555.16	3.325e+05
83	17	4.069e+05	2108.65	0.05	0.0	0.0	1133.41	4043.41	-6.64	-6518.72	1390.15	-9.685e+05
		-9.685e+05	1390.15	-0.02	0.0	340.0	1133.41	4043.41	-6.64	-6518.72	2108.65	4.069e+05
84	1	1.591e+04	9647.13	7.06e-03	-1275.00	0.0	84.36	518.94	-52.88	1.352e+04	9647.13	-1.980e+04
		-6.011e+04	-8333.56	7.89e-03	0.0	340.0	84.36	-756.06	-52.88	1.352e+04	-8333.56	-6.011e+04
84	2	1.872e+05	2.029e+04	0.02	-1.243e+04	0.0	-446.22	6264.69	-116.37	2.781e+04	2.029e+04	-3.602e+05
		-3.602e+05	-1.927e+04	0.02	0.0	340.0	-446.22	-6164.54	-116.37	2.781e+04	-1.927e+04	-3.602e+05
84	3	7.966e+04	213.29	-7.78e-03	-4971.69	0.0	-81.22	2773.70	-1.60	8236.68	213.29	-1.884e+05
		-1.884e+05	-332.26	3.41e-04	0.0	340.0	-81.22	-2197.99	-1.60	8236.68	-332.26	-8.205e+04
84	4	1.185e+05	2556.47	-0.01	-7457.53	0.0	-140.89	4126.49	-15.09	1.324e+04	2556.47	-2.771e+05
		-2.771e+05	-2574.99	2.68e-03	0.0	340.0	-140.89	-3331.04	-15.09	1.324e+04	-2574.99	-1.291e+05
84	5	1.685e+04	1.169e+04	2.35e-03	0.0	0.0	-233.63	-89.52	-66.69	7003.19	1.169e+04	1.685e+04
		-1.358e+04	-1.098e+04	0.01	0.0	340.0	-233.63	-89.52	-66.69	7003.19	-1.098e+04	-1.358e+04
84	6	1.342e+05	3.462e+05	0.02	0.0	0.0	1010.48	1348.22	-1907.85	2.873e+05	3.462e+05	-3.246e+05
		-3.246e+05	-3.025e+05	0.56	0.0	340.0	1010.48	1348.22	-1907.85	2.873e+05	-3.025e+05	1.342e+05
84	7	1.982e+04	3.127e+05	8.11e-03	0.0	0.0	865.30	-205.95	-1712.86	2.660e+05	3.127e+05	-5.277e+04
		-5.277e+04	-2.697e+05	0.45	0.0	340.0	865.30	-205.95	-1712.86	2.660e+05	-2.697e+05	-5.277e+04
84	8	9.939e+05	-2.707e+04	0.12	0.0	0.0	4199.19	1.001e+04	166.67	3.438e+04	-2.995e+04	-2.412e+06
		-2.412e+06	-2.995e+04	0.06	0.0	340.0	4199.19	1.001e+04	166.67	3.438e+04	-2.707e+04	9.939e+05
84	9	8.410e+05	1.257e+04	0.10	0.0	0.0	3887.60	8566.49	66.34	-2.712e+04	-1.042e+04	-2.072e+06
		-2.072e+06	-1.042e+04	-0.07	0.0	340.0	3887.60	8566.49	66.34	-2.712e+04	1.257e+04	8.410e+05
84	10	7.323e+04	1.923e+05	9.64e-03	0.0	0.0	603.98	732.57	-1059.49	1.530e+05	1.923e+05	-1.761e+05
		-1.761e+05	-1.679e+05	0.30	0.0	340.0	603.98	732.57	-1059.49	1.530e+05	-1.679e+05	7.323e+04
84	11	-1.057e+04	1.721e+05	4.32e-03	0.0	0.0	528.83	-109.61	-942.66	1.416e+05	1.721e+05	-2.807e+04
		-2.807e+04	-1.484e+05	0.24	0.0	340.0	528.83	-109.61	-942.66	1.416e+05	-1.484e+05	-1.057e+04
84	12	5.290e+05	-1.533e+04	0.06	0.0	0.0	2260.18	5326.11	93.95	1.907e+04	-1.680e+04	-1.283e+06
		-1.283e+06	-1.680e+04	0.03	0.0	340.0	2260.18	5326.11	93.95	1.907e+04	-1.533e+04	5.290e+05
84	13	4.518e+05	7157.90	0.05	0.0	0.0	2085.94	4596.45	37.89	-1.493e+04	-5946.23	-1.112e+06
		-1.112e+06	-5946.23	-0.04	0.0	340.0	2085.94	4596.45	37.89	-1.493e+04	7157.90	4.518e+05
84	14	5.494e+04	1.456e+05	7.23e-03	0.0	0.0	464.66	549.38	-801.85	1.147e+05	1.456e+05	-1.321e+05
		-1.321e+05	-1.271e+05	0.22	0.0	340.0	464.66	549.38	-801.85	1.147e+05	-1.271e+05	5.494e+04
84	15	-7948.39	1.299e+05	3.24e-03	0.0	0.0	406.30	-82.27	-711.33	1.060e+05	1.299e+05	-2.105e+04
		-2.105e+04	-1.120e+05	0.18	0.0	340.0	406.30	-82.27	-711.33	1.060e+05	-1.120e+05	-7948.39
84	16	3.969e+05	-1.158e+04	0.05	0.0	0.0	1700.62	3995.28	70.93	1.430e+04	-1.268e+04	-9.620e+05
		-9.620e+05	-1.268e+04	0.03	0.0	340.0	1700.62	3995.28	70.93	1.430e+04	-1.158e+04	3.969e+05
84	17	3.390e+05	5403.94	0.04	0.0	0.0	1565.99	3448.66	28.63	-1.120e+04	-4498.41	-8.340e+05
		-8.340e+05	-4498.41	-0.03	0.0	340.0	1565.99	3448.66	28.63	-1.120e+04	5403.94	3.390e+05
85	1	5.266e+04	15.87	0.07	-661.87	0.0	-14.18	-1575.48	-0.38	-3509.78	15.87	5.266e+04
		-2.838e+05	-51.24	-1.48e-05	0.0	176.5	-14.18	-2237.35	-0.38	-3509.78	-51.24	-2.838e+05
85	2	2.139e+04	-10.14	0.01	-2263.68	0.0	56.51	-321.82	-0.47	1696.65	-10.14	2.139e+04
		-1.882e+05	-93.67	-1.04e-04	0.0	176.5	56.51	-2585.51	-0.47	1696.65	-93.67	-1.882e+05

85	3	6753.25	40.13	2.08e-03	-905.47	0.0	-1.50	-77.89	0.40	34.06	-30.45	6753.25
		-6.812e+04	-30.45	-1.51e-05	0.0	176.5	-1.50	-983.36	0.40	34.06	40.13	-6.812e+04
85	4	1.023e+04	42.48	3.45e-03	-1358.21	0.0	1.14	-124.30	0.44	153.87	-35.68	1.023e+04
		-1.034e+05	-35.68	-2.67e-05	0.0	176.5	1.14	-1482.50	0.44	153.87	42.48	-1.034e+05
85	5	8.417e+04	40.25	0.12	0.0	0.0	-57.10	-2743.13	-0.61	-5938.76	40.25	8.417e+04
		-4.000e+05	-68.00	-3.14e-05	0.0	176.5	-57.10	-2743.13	-0.61	-5938.76	-68.00	-4.000e+05
85	6	-5.758e+04	3631.78	0.65	0.0	0.0	1746.20	-3204.83	-67.63	-1.051e+05	3631.78	-5.758e+04
		-5.299e+05	-8367.54	0.05	0.0	176.5	1746.20	-3204.83	-67.63	-1.051e+05	-8367.54	-5.299e+05
85	7	-6.235e+04	1099.65	0.67	0.0	0.0	1757.91	-3539.30	11.88	1.936e+04	-1029.47	-6.235e+04
		-5.819e+05	-1029.47	-2.93e-03	0.0	176.5	1757.91	-3539.30	11.88	1.936e+04	1099.65	-5.819e+05
85	8	1.101e+04	-3621.50	0.07	0.0	0.0	193.76	-471.67	-76.92	2.235e+05	-3621.50	1.101e+04
		-7.534e+04	-1.009e+04	0.01	0.0	176.5	193.76	-471.67	-76.92	2.235e+05	-1.009e+04	-7.534e+04
85	9	1.006e+04	8082.41	0.02	0.0	0.0	-118.82	-244.18	81.48	3.805e+05	-6548.17	1.006e+04
		-3.387e+04	-6548.17	-0.04	0.0	176.5	-118.82	-244.18	81.48	3.805e+05	8082.41	-3.387e+04
85	10	-3.459e+04	2053.57	0.35	0.0	0.0	930.31	-1878.01	-37.62	-5.790e+04	2053.57	-3.459e+04
		-3.076e+05	-4623.38	0.03	0.0	176.5	930.31	-1878.01	-37.62	-5.790e+04	-4623.38	-3.076e+05
85	11	-3.778e+04	624.53	0.37	0.0	0.0	935.42	-2086.87	6.65	1.041e+04	-569.18	-3.778e+04
		-3.401e+05	-569.18	-1.81e-03	0.0	176.5	935.42	-2086.87	6.65	1.041e+04	624.53	-3.401e+05
85	12	6520.45	-2046.02	0.04	0.0	0.0	104.88	-286.39	-42.43	1.243e+05	-2046.02	6520.45
		-4.552e+04	-5520.11	3.95e-03	0.0	176.5	104.88	-286.39	-42.43	1.243e+05	-5520.11	-4.552e+04
85	13	5393.51	4596.77	0.01	0.0	0.0	-66.79	-134.95	46.31	2.021e+05	-3729.60	5393.51
		-1.892e+04	-3729.60	-0.02	0.0	176.5	-66.79	-134.95	46.31	2.021e+05	4596.77	-1.892e+04
85	14	-2.672e+04	1550.91	0.27	0.0	0.0	697.54	-1444.80	-28.32	-4.343e+04	1550.91	-2.672e+04
		-2.361e+05	-3477.06	0.02	0.0	176.5	697.54	-1444.80	-28.32	-4.343e+04	-3477.06	-2.361e+05
85	15	-2.922e+04	476.65	0.28	0.0	0.0	700.52	-1606.96	5.06	7817.52	-432.19	-2.922e+04
		-2.614e+05	-432.19	-1.40e-03	0.0	176.5	700.52	-1606.96	5.06	7817.52	476.65	-2.614e+05
85	16	5025.39	-1536.57	0.03	0.0	0.0	78.87	-222.77	-31.86	9.326e+04	-1536.57	5025.39
		-3.537e+04	-4144.21	2.96e-03	0.0	176.5	78.87	-222.77	-31.86	9.326e+04	-4144.21	-3.537e+04
85	17	4061.11	3482.61	9.64e-03	0.0	0.0	-50.78	-102.57	35.23	1.517e+05	-2850.67	4061.11
		-1.442e+04	-2850.67	-0.02	0.0	176.5	-50.78	-102.57	35.23	1.517e+05	3482.61	-1.442e+04
86	1	2.074e+04	53.42	0.01	-1987.69	0.0	96.12	1349.70	0.21	-373.62	-59.81	-2.221e+05
		-2.221e+05	-59.81	-1.78e-04	0.0	530.1	96.12	-637.99	0.21	-373.62	53.42	-2.221e+05
86	2	1.039e+05	51.01	-0.02	-4618.82	0.0	80.23	2587.41	0.35	325.30	-134.04	-1.891e+05
		-1.891e+05	-134.04	-7.04e-04	0.0	530.1	80.23	-2031.41	0.35	325.30	51.01	-1.891e+05
86	3	4.311e+04	38.02	-9.56e-03	-1847.53	0.0	-27.97	1022.95	-0.15	126.49	38.02	-7.090e+04
		-7.090e+04	-41.74	2.87e-05	0.0	530.1	-27.97	-824.58	-0.15	126.49	-41.74	-6.652e+04
86	4	6.441e+04	36.85	-0.01	-2771.29	0.0	-31.65	1536.54	-0.15	189.82	36.85	-1.072e+05
		-1.072e+05	-41.02	-1.07e-05	0.0	530.1	-31.65	-1234.75	-0.15	189.82	-41.02	-9.947e+04
86	5	8.792e+04	89.15	0.04	0.0	0.0	217.99	678.86	0.32	-735.83	-82.06	-2.719e+05
		-2.719e+05	-82.06	-2.45e-04	0.0	530.1	217.99	678.86	0.32	-735.83	89.15	-2.719e+05
86	6	7.046e+05	5608.41	0.11	0.0	0.0	3705.47	3518.35	-23.39	1.690e+04	5608.41	-1.161e+06
		-1.161e+06	-6805.57	0.15	0.0	530.1	3705.47	3518.35	-23.39	1.690e+04	-6805.57	-1.161e+06
86	7	7.201e+05	806.75	0.11	0.0	0.0	3684.05	3604.47	-4.58	1529.20	806.75	-1.192e+06
		-1.192e+06	-1629.35	-6.76e-03	0.0	530.1	3684.05	3604.47	-4.58	1529.20	-1629.35	-1.192e+06
86	8	6.556e+04	4558.72	0.01	0.0	0.0	-504.26	332.87	-18.15	1.958e+04	4558.72	-1.112e+05
		-1.112e+05	-5088.64	0.05	0.0	530.1	-504.26	332.87	-18.15	1.958e+04	-5088.64	-1.112e+05
86	9	2.228e+04	7740.15	4.30e-03	0.0	0.0	228.59	118.30	27.20	1.352e+04	7740.15	2.228e+04
		-4.054e+04	-6684.91	-0.12	0.0	530.1	228.59	118.30	27.20	1.352e+04	-6684.91	-4.054e+04
86	10	3.783e+05	3050.07	0.06	0.0	0.0	1974.75	1893.19	-12.68	9205.77	3050.07	-6.260e+05
		-6.260e+05	-3678.13	0.08	0.0	530.1	1974.75	1893.19	-12.68	9205.77	-3678.13	-6.260e+05
86	11	3.863e+05	461.26	0.06	0.0	0.0	1962.69	1938.86	-2.61	900.29	461.26	-6.424e+05
		-6.424e+05	-924.28	-4.20e-03	0.0	530.1	1962.69	1938.86	-2.61	900.29	-924.28	-6.424e+05
86	12	3.552e+04	2619.65	6.09e-03	0.0	0.0	-280.11	181.64	-10.50	1.071e+04	2619.65	-6.097e+04
		-6.097e+04	-2961.52	0.02	0.0	530.1	-280.11	181.64	-10.50	1.071e+04	-2961.52	-6.097e+04
86	13	1.193e+04	4216.17	2.32e-03	0.0	0.0	132.99	63.53	14.82	7571.82	-3642.51	-2.181e+04
		-2.181e+04	-3642.51	-0.06	0.0	530.1	132.99	63.53	14.82	7571.82	4216.17	-2.181e+04
86	14	2.841e+05	2288.07	0.05	0.0	0.0	1480.83	1422.69	-9.51	6905.96	2288.07	-4.706e+05
		-4.706e+05	-2758.20	0.06	0.0	530.1	1480.83	1422.69	-9.51	6905.96	-2758.20	-4.706e+05
86	15	2.898e+05	350.51	0.05	0.0	0.0	1470.34	1455.59	-1.98	687.81	350.51	-4.825e+05
		-4.825e+05	-701.26	-3.24e-03	0.0	530.1	1470.34	1455.59	-1.98	687.81	-701.26	-4.825e+05
86	16	2.676e+04	1971.02	4.62e-03	0.0	0.0	-212.66	137.16	-7.91	8049.10	1971.02	-4.611e+04
		-4.611e+04	-2234.35	0.01	0.0	530.1	-212.66	137.16	-7.91	8049.10	-2234.35	-4.611e+04
86	17	8967.31	3179.66	1.75e-03	0.0	0.0	102.36	47.82	11.17	5688.01	-2745.27	-1.643e+04
		-1.643e+04	-2745.27	-0.05	0.0	530.1	102.36	47.82	11.17	5688.01	3179.66	-1.643e+04
87	1	3.181e+04	42.21	-4.35e-03	-1330.83	0.0	2.26	722.51	-0.06	121.92	42.21	-3.770e+04
		-3.770e+04	21.78	-1.96e-05	0.0	354.9	2.26	-608.32	-0.06	121.92	-3.770e+04	21.78
87	2	4.722e+04	329.89	-3.45e-03	-2750.38	0.0	-83.30	1713.85	1.00	562.84	-23.72	-1.423e+05
		-1.423e+05	-23.72	-3.29e-04	0.0	354.9	-83.30	-1036.53	1.00	562.84	329.89	-1.423e+05
87	3	2.096e+04	43.35	-1.27e-03	-1100.15	0.0	-7.13	702.01	0.25	376.57	-45.38	-5.849e+04
		-5.849e+04	-45.38	-5.42e-05	0.0	354.9	-7.13	-398.14	0.25	376.57	43.35	-5.849e+04
87	4	3.102e+04	59.51	-1.91e-03	-1650.23	0.0	-11.62	1049.61	0.30	540.07	-48.38	-8.741e+04
		-8.741e+04	-48.38	-7.29e-05	0.0	354.9	-11.62	-600.62	0.30	540.07	59.51	-8.741e+04
87	5	6.443e+04	78.03	-5.03e-03	0.0	0.0	44.18	-218.61	-0.25	-62.43	78.03	6.443e+04
		-1.315e+04	-12.43	1.50e-05	0.0	354.9	44.18	-218.61	-0.25	-62.43	-12.43	-1.315e+04
87	6	1.273e+06	6231.52	-0.05	0.0	0.0	-597.04	5872.50	-33.63	4.646e+04	6231.52	-8.114e+05
		-8.114e+05	-5814.77	0.09	0.0	354.9	-597.04	5872.50	-33.63	4.646e+04	-5814.77	-8.114e+05

87	7	1.300e+06	2802.72	-0.05	0.0	0.0	647.73	5994.43	13.65	-1.038e+04	-2086.84	-8.275e+05
		-8.275e+05	-2086.84	-7.15e-03	0.0	354.9	647.73	5994.43	13.65	-1.038e+04	2802.72	1.300e+06
87	8	1.161e+05	9970.44	-5.72e-03	0.0	0.0	-1127.35	534.87	-54.03	-2.012e+05	9970.44	-7.387e+04
		-7.387e+04	-9291.50	0.06	0.0	354.9	-1127.35	534.87	-54.03	-2.012e+05	-9291.50	1.161e+05
87	9	2.231e+04	8203.76	-1.68e-03	0.0	0.0	-1854.25	-169.13	42.94	-2.798e+05	-7163.05	2.231e+04
		-3.783e+04	-7163.05	-0.07	0.0	354.9	-1854.25	-169.13	42.94	-2.798e+05	8203.76	-3.783e+04
87	10	6.799e+05	3491.50	-0.02	0.0	0.0	-348.53	3136.55	-18.89	2.565e+04	3491.50	-4.335e+05
		-4.335e+05	-3281.00	0.05	0.0	354.9	-348.53	3136.55	-18.89	2.565e+04	-3281.00	6.799e+05
87	11	6.936e+05	1544.16	-0.03	0.0	0.0	376.81	3197.71	7.46	-5596.75	-1131.71	-4.416e+05
		-4.416e+05	-1131.71	-4.01e-03	0.0	354.9	376.81	3197.71	7.46	-5596.75	1544.16	6.936e+05
87	12	6.195e+04	5390.50	-3.05e-03	0.0	0.0	-618.67	285.39	-29.34	-1.093e+05	5390.50	-3.942e+04
		-3.942e+04	-5078.45	0.03	0.0	354.9	-618.67	285.39	-29.34	-1.093e+05	-5078.45	6.195e+04
87	13	1.189e+04	4681.64	-8.95e-04	0.0	0.0	-986.55	-90.01	24.74	-1.487e+05	-1131.59	1.189e+04
		-2.013e+04	-4171.59	-0.03	0.0	354.9	-986.55	-90.01	24.74	-1.487e+05	4681.64	-2.013e+04
87	14	5.100e+05	2626.02	-0.02	0.0	0.0	-265.69	2353.00	-14.18	1.924e+04	2626.02	-3.253e+05
		-3.253e+05	-2461.70	0.04	0.0	354.9	-265.69	2353.00	-14.18	1.924e+04	-2461.70	5.100e+05
87	15	5.197e+05	1166.01	-0.02	0.0	0.0	287.30	2396.07	5.62	-4204.92	-852.63	-3.310e+05
		-3.310e+05	-852.63	-3.04e-03	0.0	354.9	287.30	2396.07	5.62	-4204.92	1166.01	5.197e+05
87	16	4.647e+04	4043.87	-2.29e-03	0.0	0.0	-466.16	214.07	-22.02	-8.198e+04	4043.87	-2.957e+04
		-2.957e+04	-3815.14	0.02	0.0	354.9	-466.16	214.07	-22.02	-8.198e+04	-3815.14	4.647e+04
87	17	8920.57	3558.64	-6.72e-04	0.0	0.0	-740.89	-67.51	18.83	-1.116e+05	-3177.75	8920.57
		-1.510e+04	-3177.75	-0.03	0.0	354.9	-740.89	-67.51	18.83	-1.116e+05	3558.64	-1.510e+04
88	1	8.021e+04	920.33	-0.02	-2043.75	0.0	-38.69	1002.80	6.42	56.23	-2576.89	-5.382e+04
		-6.421e+04	-2576.89	9.60e-04	0.0	545.0	-38.69	-1040.95	6.42	56.23	920.33	-6.421e+04
88	2	1.778e+05	2428.39	-0.05	-4223.75	0.0	-92.38	2077.39	16.02	-359.39	-6302.14	-1.006e+05
		-1.194e+05	-6302.14	2.54e-03	0.0	545.0	-92.38	-2146.36	16.02	-359.39	2428.39	-1.194e+05
88	3	7.213e+04	129.41	-0.02	-1689.50	0.0	-45.89	822.15	0.38	-277.86	-79.96	-3.681e+04
		-4.913e+04	-79.96	8.47e-05	0.0	545.0	-45.89	-867.35	0.38	-277.86	129.41	-4.913e+04
88	4	1.079e+05	432.36	-0.03	-2534.25	0.0	-61.56	1235.48	2.30	-395.67	-819.01	-5.610e+04
		-7.334e+04	-819.01	2.95e-04	0.0	545.0	-61.56	-1298.77	2.30	-395.67	432.36	-7.334e+04
88	5	4.472e+04	1249.81	-5.86e-03	0.0	0.0	84.54	105.40	9.00	122.31	-3652.75	-1.273e+04
		-1.273e+04	-3652.75	1.34e-03	0.0	545.0	84.54	105.40	9.00	122.31	1249.81	4.472e+04
88	6	6.931e+05	2.864e+04	0.12	0.0	0.0	2453.29	3373.91	216.25	4.818e+04	-8.937e+04	-1.147e+06
		-1.147e+06	-8.937e+04	0.15	0.0	545.0	2453.29	3373.91	216.25	4.818e+04	2.864e+04	6.931e+05
88	7	7.035e+05	2.884e+04	0.12	0.0	0.0	2438.86	3428.94	206.60	-3765.85	-8.376e+04	-1.166e+06
		-1.166e+06	-8.376e+04	0.03	0.0	545.0	2438.86	3428.94	206.60	-3765.85	2.884e+04	7.035e+05
88	8	6.311e+04	1.045e+04	0.01	0.0	0.0	-1088.12	308.01	-32.19	2.020e+05	1.045e+04	-1.049e+05
		-1.049e+05	-7632.98	0.13	0.0	545.0	-1088.12	308.01	-32.19	2.020e+05	-7632.98	6.311e+04
88	9	2.833e+04	4454.44	-2.33e-03	0.0	0.0	-479.53	-84.21	15.72	1.432e+05	-4340.65	2.833e+04
		-1.762e+04	-4340.65	-0.07	0.0	545.0	-479.53	-84.21	15.72	1.432e+05	4454.44	-1.762e+04
88	10	3.716e+05	1.616e+04	0.06	0.0	0.0	1319.88	1804.19	120.98	2.629e+04	-4.986e+04	-6.127e+05
		-6.127e+05	-4.986e+04	0.08	0.0	545.0	1319.88	1804.19	120.98	2.629e+04	1.616e+04	3.716e+05
88	11	3.767e+05	1.590e+04	0.06	0.0	0.0	1299.48	1831.69	113.78	-2037.71	-4.612e+04	-6.224e+05
		-6.224e+05	-4.612e+04	0.02	0.0	545.0	1299.48	1831.69	113.78	-2037.71	1.590e+04	3.767e+05
88	12	3.390e+04	5743.44	5.84e-03	0.0	0.0	-581.17	164.86	-17.59	1.074e+05	5743.44	-5.605e+04
		-5.605e+04	-4154.13	0.07	0.0	545.0	-581.17	164.86	-17.59	1.074e+05	-4154.13	3.390e+04
88	13	1.514e+04	2479.83	-1.24e-03	0.0	0.0	-263.19	-45.06	8.67	7.767e+04	-2375.44	1.514e+04
		-9449.52	-2375.44	-0.03	0.0	545.0	-263.19	-45.06	8.67	7.767e+04	2479.83	-9449.52
88	14	2.790e+05	1.227e+04	0.05	0.0	0.0	991.44	1353.80	91.69	1.973e+04	-3.777e+04	-4.596e+05
		-4.596e+05	-3.777e+04	0.06	0.0	545.0	991.44	1353.80	91.69	1.973e+04	1.227e+04	2.790e+05
88	15	2.825e+05	1.200e+04	0.05	0.0	0.0	973.48	1372.84	85.87	-1538.12	-3.481e+04	-4.663e+05
		-4.663e+05	-3.481e+04	0.01	0.0	545.0	973.48	1372.84	85.87	-1538.12	1.200e+04	2.825e+05
88	16	2.546e+04	4331.74	4.38e-03	0.0	0.0	-436.93	123.75	-13.25	8.057e+04	4331.74	-4.205e+04
		-4.205e+04	-3124.12	0.05	0.0	545.0	-436.93	123.75	-13.25	8.057e+04	-3124.12	2.546e+04
88	17	1.137e+04	1866.12	-9.30e-04	0.0	0.0	-198.47	-33.84	6.53	5.829e+04	-1792.68	1.137e+04
		-7101.76	-1792.68	-0.03	0.0	545.0	-198.47	-33.84	6.53	5.829e+04	1866.12	-7101.76
89	1	-3.342e+04	808.30	0.01	-1275.58	0.0	169.49	114.94	-3.11	1159.34	808.30	-3.502e+04
		-2.129e+05	-249.00	-1.06e-04	0.0	340.2	169.49	-1160.64	-3.11	1159.34	-249.00	-2.129e+05
89	2	-3.680e+04	2275.55	0.03	-2647.57	0.0	658.27	-369.18	-11.76	2.776e+04	2275.55	-3.680e+04
		-6.109e+05	-1725.84	6.49e-04	0.0	340.2	658.27	-3016.76	-11.76	2.776e+04	-1725.84	-6.109e+05
89	3	-1.691e+04	163.16	0.01	-1059.03	0.0	202.27	-123.37	-1.71	1.117e+04	163.16	-1.691e+04
		-2.383e+05	-420.06	1.85e-04	0.0	340.2	202.27	-1182.40	-1.71	1.117e+04	-420.06	-2.383e+05
89	4	-2.485e+04	450.92	0.02	-1588.54	0.0	312.43	-189.98	-3.30	1.675e+04	450.92	-2.485e+04
		-3.586e+05	-672.60	2.71e-04	0.0	340.2	312.43	-1778.53	-3.30	1.675e+04	-672.60	-3.586e+05
89	5	7.013e+04	1063.33	0.02	0.0	0.0	236.78	-1103.86	-3.43	1734.72	1063.33	7.013e+04
		-3.053e+05	-104.30	-2.29e-04	0.0	340.2	236.78	-1103.86	-3.43	1734.72	-104.30	-3.053e+05
89	6	1.458e+06	2.857e+04	-0.05	0.0	0.0	-4000.63	6804.74	-97.03	6743.80	2.857e+04	-8.643e+05
		-8.643e+05	-7276.56	0.09	0.0	340.2	-4000.63	6804.74	-97.03	6743.80	-7276.56	1.458e+06
89	7	1.486e+06	2.088e+04	-0.05	0.0	0.0	-4106.46	6947.66	-66.65	-4331.24	2.088e+04	-8.833e+05
		-8.833e+05	-8177.39	-4.56e-03	0.0	340.2	-4106.46	6947.66	-66.65	-4331.24	-8177.39	1.486e+06
89	8	1.384e+05	7750.17	-6.10e-03	0.0	0.0	-785.78	641.41	31.66	-1.244e+04	7750.17	-8.044e+04
		-8.044e+04	5820.12	0.09	0.0	340.2	-785.78	641.41	31.66	-1.244e+04	5820.12	1.384e+05
89	9	2.210e+04	1.099e+04	1.10e-03	0.0	0.0	-956.49	-167.73	54.31	-2.382e+04	-8034.94	2.210e+04
		-3.535e+04	-8034.94	-0.03	0.0	340.2	-956.49	-167.73	54.31	-2.382e+04	1.099e+04	-3.535e+04
89	10	7.800e+05	1.569e+04	-0.03	0.0	0.0	-2160.44	3633.85	-53.73	3815.73	1.569e+04	-4.613e+05
		-4.613e+05	-4295.45	0.05	0.0	340.2	-2160.44	3633.85	-53.73	3815.73	-4295.45	7.800e+05

89	11	7.933e+05	1.154e+04	-0.03	0.0	0.0	-2266.70	3704.65	-37.65	-2336.63	1.154e+04	-4.709e+05
		-4.709e+05	-4881.01	-2.59e-03	0.0	340.2	-2266.70	3704.65	-37.65	-2336.63	-4881.01	7.933e+05
89	12	7.373e+04	4372.60	-3.25e-03	0.0	0.0	-431.61	341.36	18.56	-7089.99	4372.60	-4.286e+04
		-4.286e+04	3362.57	0.05	0.0	340.2	-431.61	341.36	18.56	-7089.99	3362.57	7.373e+04
89	13	1.182e+04	5837.35	5.91e-04	0.0	0.0	-528.44	-89.87	29.02	-1.266e+04	-4385.93	1.182e+04
		-1.898e+04	-4385.93	-0.01	0.0	340.2	-528.44	-89.87	29.02	-1.266e+04	5837.35	-1.898e+04
89	14	5.854e+05	1.184e+04	-0.02	0.0	0.0	-1625.27	2726.07	-40.64	2868.06	1.184e+04	-3.460e+05
		-3.460e+05	-3289.59	0.04	0.0	340.2	-1625.27	2726.07	-40.64	2868.06	-3289.59	5.854e+05
89	15	5.946e+05	8721.50	-0.02	0.0	0.0	-1710.57	2775.81	-28.61	-1755.34	8721.50	-3.528e+05
		-3.528e+05	-3746.29	-1.97e-03	0.0	340.2	-1710.57	2775.81	-28.61	-1755.34	-3746.29	5.946e+05
89	16	5.529e+04	3284.23	-2.44e-03	0.0	0.0	-327.00	255.91	13.93	-5322.34	3284.23	-3.214e+04
		-3.214e+04	2532.71	0.04	0.0	340.2	-327.00	255.91	13.93	-5322.34	2532.71	5.529e+04
89	17	8875.85	4380.94	4.43e-04	0.0	0.0	-400.53	-67.48	21.77	-9507.33	-3291.62	8875.85
		-1.426e+04	-3291.62	-0.01	0.0	340.2	-400.53	-67.48	21.77	-9507.33	4380.94	-1.426e+04
90	1	5.045e+04	-180.00	-0.06	-642.58	0.0	-37.73	2229.66	0.19	5452.50	-212.45	-2.766e+05
		-2.766e+05	-212.45	3.91e-05	0.0	171.4	-37.73	1587.07	0.19	5452.50	-180.00	5.045e+04
90	2	1.640e+05	1082.54	-0.19	-1039.03	0.0	82.20	6221.46	16.43	1.337e+05	-1732.65	-7.917e+05
		-7.917e+05	-1732.65	-3.83e-04	0.0	171.4	82.20	5182.43	16.43	1.337e+05	1082.54	1.640e+05
90	3	6.388e+04	470.10	-0.07	-415.61	0.0	-49.64	2436.15	5.40	5.410e+04	-454.56	-3.094e+05
		-3.094e+05	-454.56	-1.81e-04	0.0	171.4	-49.64	2020.54	5.40	5.410e+04	470.10	6.388e+04
90	4	9.587e+04	643.99	-0.11	-623.42	0.0	-61.79	3662.41	7.92	8.111e+04	-712.93	-4.655e+05
		-4.655e+05	-712.93	-2.51e-04	0.0	171.4	-61.79	3038.99	7.92	8.111e+04	643.99	9.587e+04
90	5	7.525e+04	-36.00	-0.10	0.0	0.0	-99.15	2798.97	-3.48	8342.41	-36.00	-4.044e+05
		-4.044e+05	-631.50	1.27e-04	0.0	171.4	-99.15	2798.97	-3.48	8342.41	-631.50	7.525e+04
90	6	7.881e+05	1.618e+04	0.60	0.0	0.0	-7582.77	-4720.63	-221.67	-1.517e+05	1.618e+04	7.881e+05
		8.920e+04	-2.224e+04	0.06	0.0	171.4	-7582.77	-4720.63	-221.67	-1.517e+05	-2.224e+04	8.920e+04
90	7	7.477e+05	2.017e+04	0.60	0.0	0.0	-7653.38	-4422.85	186.30	-2.596e+04	-1.207e+04	7.477e+05
		8.164e+04	-1.207e+04	-7.57e-03	0.0	171.4	-7653.38	-4422.85	186.30	-2.596e+04	2.017e+04	8.164e+04
90	8	1.183e+04	1.970e+04	0.06	0.0	0.0	940.94	496.61	-261.26	-4.028e+05	1.970e+04	-7.840e+04
		-7.840e+04	-2.524e+04	0.06	0.0	171.4	940.94	496.61	-261.26	-4.028e+05	-2.524e+04	1.183e+04
90	9	7315.20	8870.25	-0.01	0.0	0.0	-666.90	157.78	-131.56	-2.425e+05	8870.25	-2.181e+04
		-2.181e+04	-1.459e+04	-5.86e-03	0.0	171.4	-666.90	157.78	-131.56	-2.425e+05	-1.459e+04	7315.20
90	10	4.541e+05	8899.10	0.32	0.0	0.0	-4039.74	-2754.06	-122.26	-8.218e+04	8899.10	4.541e+05
		5.121e+04	-1.233e+04	0.03	0.0	171.4	-4039.74	-2754.06	-122.26	-8.218e+04	-1.233e+04	5.121e+04
90	11	4.278e+05	1.179e+04	0.32	0.0	0.0	-4087.95	-2564.93	109.55	-1.387e+04	-7153.65	4.278e+05
		4.680e+04	-7153.65	-4.96e-03	0.0	171.4	-4087.95	-2564.93	109.55	-1.387e+04	1.179e+04	4.680e+04
90	12	6579.68	1.062e+04	0.03	0.0	0.0	505.94	281.63	-141.03	-2.141e+05	1.062e+04	-4.431e+04
		-4.431e+04	-1.365e+04	0.03	0.0	171.4	505.94	281.63	-141.03	-2.141e+05	-1.365e+04	6579.68
90	13	4202.76	5169.34	-7.69e-03	0.0	0.0	-383.72	90.08	-74.40	-1.333e+05	5169.34	-1.236e+04
		-1.236e+04	-8069.96	-1.08e-03	0.0	171.4	-383.72	90.08	-74.40	-1.333e+05	-8069.96	4202.76
90	14	3.461e+05	6715.31	0.24	0.0	0.0	-3028.77	-2103.47	-92.39	-6.164e+04	6715.31	3.461e+05
		3.900e+04	-9334.77	0.02	0.0	171.4	-3028.77	-2103.47	-92.39	-6.164e+04	-9334.77	3.900e+04
90	15	3.253e+05	8998.18	0.24	0.0	0.0	-3063.97	-1955.17	83.71	-1.039e+04	-9477.53	3.253e+05
		3.560e+04	-5477.53	-3.84e-03	0.0	171.4	-3063.97	-1955.17	83.71	-1.039e+04	8998.18	3.560e+04
90	16	4992.64	7997.16	0.02	0.0	0.0	380.50	214.38	-106.33	-1.607e+05	7997.16	-3.369e+04
		-3.369e+04	-1.030e+04	0.02	0.0	171.4	380.50	214.38	-106.33	-1.607e+05	-1.030e+04	4992.64
90	17	3202.04	3899.82	-5.79e-03	0.0	0.0	-295.34	68.54	-56.06	-1.001e+05	3899.82	-9391.40
		-9391.40	-6073.25	-8.03e-04	0.0	171.4	-295.34	68.54	-56.06	-1.001e+05	-6073.25	3202.04
91	1	1.371e+04	546.95	-6.99e-03	-1162.50	0.0	162.49	753.47	-4.78	4421.85	546.95	-6.189e+04
		-6.189e+04	-936.37	1.76e-04	0.0	310.0	162.49	-409.03	-4.78	4421.85	-936.37	-8499.28
91	2	7.665e+04	410.08	-0.03	0.0	0.0	-46.90	616.08	1.04	4543.32	87.06	-1.143e+05
		-1.143e+05	87.06	3.32e-04	0.0	310.0	-46.90	616.08	1.04	4543.32	410.08	7.665e+04
91	3	1860.54	49.84	-9.78e-04	0.0	0.0	-79.96	-58.75	-0.20	-1234.94	49.84	1860.54
		-1.635e+04	-11.53	1.74e-05	0.0	310.0	-79.96	-58.75	-0.20	-1234.94	-11.53	-1.635e+04
91	4	-3411.23	74.26	-2.67e-03	0.0	0.0	-119.86	-48.03	0.07	-1239.82	53.33	-3411.23
		-1.830e+04	53.33	6.02e-05	0.0	310.0	-119.86	-48.03	0.07	-1239.82	74.26	-1.830e+04
91	5	1.363e+04	417.02	-2.15e-03	0.0	0.0	-186.72	84.67	1.18	4290.76	50.76	-1.262e+04
		-1.262e+04	50.76	2.83e-04	0.0	310.0	-186.72	84.67	1.18	4290.76	417.02	1.363e+04
91	6	1.226e+05	1.057e+04	0.02	0.0	0.0	3258.81	-1184.64	60.07	-1.317e+05	-8502.52	1.226e+05
		-2.452e+05	-8502.52	0.06	0.0	310.0	3258.81	-1184.64	60.07	-1.317e+05	1.057e+04	-2.452e+05
91	7	7.603e+04	7393.79	7.31e-03	0.0	0.0	2859.13	320.94	57.56	-1.527e+05	-1.053e+04	2.590e+04
		2.590e+04	-1.053e+04	-0.02	0.0	310.0	2859.13	320.94	57.56	-1.527e+05	7393.79	7.603e+04
91	8	2.126e+06	9862.90	-0.10	0.0	0.0	-2494.12	9684.05	-44.27	3.141e+04	9862.90	2.126e+06
		-8.763e+05	5776.75	0.24	0.0	310.0	-2494.12	9684.05	-44.27	3.141e+04	-8.763e+05	2.126e+06
91	9	2.592e+06	1.290e+04	-0.12	0.0	0.0	-3000.95	1.185e+04	-53.18	-2.122e+04	4310.27	-1.083e+06
		-1.083e+06	4310.27	-0.13	0.0	310.0	-3000.95	1.185e+04	-53.18	-2.122e+04	1.290e+04	2.592e+06
91	10	6.726e+04	5714.99	8.38e-03	0.0	0.0	1738.52	-653.31	32.44	-7.038e+04	-4626.02	6.726e+04
		-1.356e+05	-4626.02	0.03	0.0	310.0	1738.52	-653.31	32.44	-7.038e+04	5714.99	-1.356e+05
91	11	4.061e+04	3955.79	3.89e-03	0.0	0.0	1539.27	172.07	30.65	-8.124e+04	-5604.78	4.061e+04
		1.414e+04	-5604.78	-8.68e-03	0.0	310.0	1539.27	172.07	30.65	-8.124e+04	3955.79	4.061e+04
91	12	1.144e+06	5921.13	-0.05	0.0	0.0	-1365.64	5213.82	-26.34	1.699e+04	5921.13	1.144e+06
		-4.722e+05	3243.18	0.13	0.0	310.0	-1365.64	5213.82	-26.34	1.699e+04	-4.722e+05	1.144e+06
91	13	1.378e+06	7508.45	-0.06	0.0	0.0	-1667.02	6301.11	-31.20	-1.167e+04	7508.45	1.378e+06
		-5.764e+05	2565.02	-0.07	0.0	310.0	-1667.02	6301.11	-31.20	-1.167e+04	-5.764e+05	1.378e+06
91	14	5.045e+04	4298.23	6.29e-03	0.0	0.0	1303.98	-490.00	24.40	-5.277e+04	-3478.62	5.045e+04
		-1.017e+05	-3478.62	0.02	0.0	310.0	1303.98	-490.00	24.40	-5.277e+04	4298.23	-1.017e+05

91	15	3.043e+04	2965.69	2.91e-03	0.0	0.0	1155.54	129.08	22.96	-6.084e+04	-4197.35	1.065e+04
		1.065e+04	-4197.35	-6.51e-03	0.0	310.0	1155.54	129.08	22.96	-6.084e+04	2965.69	3.043e+04
91	16	8.584e+05	4558.72	-0.04	0.0	0.0	-1029.51	3911.06	-20.29	1.275e+04	2465.62	-3.543e+05
		-3.543e+05	2465.62	0.10	0.0	310.0	-1029.51	3911.06	-20.29	1.275e+04	4558.72	8.584e+05
91	17	1.034e+06	5748.22	-0.05	0.0	0.0	-1268.01	4727.55	-23.94	-8757.78	1969.01	-4.326e+05
		-4.326e+05	1969.01	-0.05	0.0	310.0	-1268.01	4727.55	-23.94	-8757.78	5748.22	1.034e+06
92	1	5115.18	59.32	1.93e-04	-1162.50	0.0	87.03	544.27	0.04	-42.91	47.84	-3.421e+04
		-4.568e+04	47.84	-5.74e-05	0.0	310.0	87.03	-618.23	0.04	-42.91	59.32	-4.568e+04
92	2	7.955e+04	390.43	-3.17e-03	-1.046e+04	0.0	90.44	5264.27	0.25	-29.59	312.07	-3.310e+05
		-3.310e+05	312.07	-1.21e-04	0.0	310.0	90.44	-5197.93	0.25	-29.59	390.43	-3.207e+05
92	3	3.177e+04	139.94	-1.26e-03	-4184.88	0.0	-21.17	2105.79	0.14	-18.32	96.42	-1.325e+05
		-1.325e+05	96.42	-4.45e-05	0.0	310.0	-21.17	-2079.09	0.14	-18.32	139.94	-1.283e+05
92	4	4.766e+04	213.79	-1.89e-03	-6277.32	0.0	-27.37	3158.78	0.20	-28.99	151.21	-1.987e+05
		-1.987e+05	151.21	-7.00e-05	0.0	310.0	-27.37	-3118.54	0.20	-28.99	213.79	-1.925e+05
92	5	1382.13	51.70	-1.05e-04	0.0	0.0	-31.10	3.01	0.01	-83.21	47.35	449.54
		449.54	47.35	-1.13e-04	0.0	310.0	-31.10	3.01	0.01	-83.21	51.70	1382.13
92	6	3.184e+04	3.609e+05	-5.24e-04	0.0	0.0	388.07	202.53	-1840.71	1.984e+05	3.609e+05	-3.094e+04
		-3.094e+04	2.557e+05	0.70	0.0	310.0	388.07	202.53	-1840.71	1.984e+05	2.557e+05	3.184e+04
92	7	2.023e+04	4.062e+05	-3.35e-04	0.0	0.0	268.10	128.39	-2275.80	1.561e+05	4.062e+05	-1.957e+04
		-1.957e+04	3.846e+05	0.45	0.0	310.0	268.10	128.39	-2275.80	1.561e+05	3.846e+05	2.023e+04
92	8	7.172e+05	6.199e+04	0.01	0.0	0.0	1513.99	4581.09	301.99	1.720e+04	-3.183e+04	-7.030e+05
		-7.030e+05	-3.183e+04	0.09	0.0	310.0	1513.99	4581.09	301.99	1.720e+04	6.199e+04	-7.172e+05
92	9	7.364e+05	2.110e+04	0.01	0.0	0.0	2140.40	4703.85	-194.18	-1.299e+04	2.110e+04	-7.218e+05
		-7.218e+05	-3.923e+04	-0.03	0.0	310.0	2140.40	4703.85	-194.18	-1.299e+04	-3.923e+04	7.364e+05
92	10	1.707e+04	2.155e+05	-2.81e-04	0.0	0.0	213.89	108.59	-1102.20	1.183e+05	2.155e+05	-1.659e+04
		-1.659e+04	1.536e+05	0.42	0.0	310.0	213.89	108.59	-1102.20	1.183e+05	1.536e+05	1.707e+04
92	11	1.079e+04	2.421e+05	-1.79e-04	0.0	0.0	145.90	68.46	-1358.14	9.296e+04	2.421e+05	-1.043e+04
		-1.043e+04	2.298e+05	0.27	0.0	310.0	145.90	68.46	-1358.14	9.296e+04	2.298e+05	1.079e+04
92	12	3.838e+05	3.814e+04	6.27e-03	0.0	0.0	915.99	2451.87	185.88	9749.71	-1.958e+04	-3.762e+05
		-3.762e+05	-1.958e+04	0.05	0.0	310.0	915.99	2451.87	185.88	9749.71	3.814e+04	3.838e+05
92	13	3.939e+05	1.287e+04	6.44e-03	0.0	0.0	1287.10	2515.99	-118.43	-7371.04	1.287e+04	-3.861e+05
		-3.861e+05	-2.392e+04	-0.02	0.0	310.0	1287.10	2515.99	-118.43	-7371.04	-2.392e+04	3.939e+05
92	14	1.284e+04	1.637e+05	-2.11e-04	0.0	0.0	161.92	81.66	-842.07	8.916e+04	1.637e+05	-1.248e+04
		-1.248e+04	1.179e+05	0.31	0.0	310.0	161.92	81.66	-842.07	8.916e+04	1.179e+05	1.284e+04
92	15	8090.01	1.859e+05	-1.34e-04	0.0	0.0	109.86	51.34	-1043.18	7.136e+04	1.859e+05	-7825.12
		-7825.12	1.765e+05	0.21	0.0	310.0	109.86	51.34	-1043.18	7.136e+04	1.765e+05	8090.01
92	16	2.881e+05	2.965e+04	4.71e-03	0.0	0.0	711.89	1840.36	144.53	7351.83	-1.523e+04	-2.824e+05
		-2.824e+05	-1.523e+04	0.04	0.0	310.0	711.89	1840.36	144.53	7351.83	2.965e+04	2.881e+05
92	17	2.958e+05	1.001e+04	4.84e-03	0.0	0.0	1000.96	1889.42	-92.13	-5547.31	1.001e+04	-2.899e+05
		-2.899e+05	-1.861e+04	-0.01	0.0	310.0	1000.96	1889.42	-92.13	-5547.31	-1.861e+04	2.958e+05
93	1	1.361e+04	2518.89	-6.61e-03	-1162.50	0.0	159.37	740.50	24.78	-1.213e+04	-5163.60	-5.948e+04
		-5.948e+04	-5163.60	4.65e-04	0.0	310.0	159.37	-422.00	24.78	-1.213e+04	2518.89	-1.011e+04
93	2	4.694e+04	3229.48	-0.02	-3487.50	0.0	81.29	2758.23	47.43	-1.643e+04	-1.147e+04	-2.909e+05
		-2.909e+05	-1.147e+04	1.33e-03	0.0	310.0	81.29	-729.27	47.43	-1.643e+04	3229.48	2.356e+04
93	3	1944.49	59.97	2.04e-03	-1395.00	0.0	-44.92	798.72	0.97	-3528.89	-239.60	-6.892e+04
		-6.892e+04	-239.60	-1.25e-04	0.0	310.0	-44.92	-596.28	0.97	-3528.89	59.97	-3.754e+04
93	4	3711.19	421.91	2.06e-03	-2092.50	0.0	-62.45	1238.09	6.43	-5867.71	-1572.86	-1.096e+05
		-1.096e+05	-1572.86	-2.27e-04	0.0	310.0	-62.45	-854.41	6.43	-5867.71	421.91	-5.009e+04
93	5	1.369e+04	1844.42	-2.25e-03	0.0	0.0	-144.97	86.37	26.89	-3791.92	-6492.93	-1.308e+04
		-1.308e+04	-6492.93	7.33e-04	0.0	310.0	-144.97	86.37	26.89	-3791.92	1844.42	1.369e+04
93	6	3.493e+05	6.323e+04	-0.02	0.0	0.0	-2246.99	1641.31	724.49	-8.732e+04	-1.614e+05	-1.597e+05
		-1.597e+05	-1.614e+05	0.07	0.0	310.0	-2246.99	1641.31	724.49	-8.732e+04	6.323e+04	3.493e+05
93	7	5.691e+04	5.467e+04	-0.01	0.0	0.0	-2563.77	272.49	650.82	-1.076e+05	-1.471e+05	-2.835e+04
		-2.835e+04	-1.471e+05	0.02	0.0	310.0	-2563.77	272.49	650.82	-1.076e+05	5.467e+04	5.691e+04
93	8	2.563e+06	1.488e+04	-0.12	0.0	0.0	1117.62	1.165e+04	-68.91	2.777e+04	1.488e+04	-1.049e+06
		-1.049e+06	7735.30	0.25	0.0	310.0	1117.62	1.165e+04	-68.91	2.777e+04	7735.30	2.563e+06
93	9	2.203e+06	-5793.35	-0.11	0.0	0.0	888.64	9973.61	34.90	-2.359e+04	-5793.35	-8.899e+05
		-8.899e+05	-6319.67	-0.12	0.0	310.0	888.64	9973.61	34.90	-2.359e+04	-6319.67	2.203e+06
93	10	1.894e+05	3.508e+04	-0.01	0.0	0.0	-1221.45	889.78	402.84	-4.689e+04	-8.985e+04	-8.655e+04
		-8.655e+04	-8.985e+04	0.04	0.0	310.0	-1221.45	889.78	402.84	-4.689e+04	3.508e+04	1.894e+05
93	11	3.023e+04	2.998e+04	-5.62e-03	0.0	0.0	-1419.57	144.99	357.69	-5.738e+04	-8.094e+04	-1.515e+04
		-1.515e+04	-8.094e+04	9.28e-03	0.0	310.0	-1419.57	144.99	357.69	-5.738e+04	2.998e+04	3.023e+04
93	12	1.363e+06	8387.81	-0.06	0.0	0.0	639.87	6195.46	-39.42	1.520e+04	8387.81	-5.584e+05
		-5.584e+05	4506.26	0.14	0.0	310.0	639.87	6195.46	-39.42	1.520e+04	4506.26	1.363e+06
93	13	1.181e+06	-3371.37	-0.06	0.0	0.0	540.82	5351.41	20.58	-1.288e+04	-3371.37	-4.780e+05
		-4.780e+05	-3652.70	-0.07	0.0	310.0	540.82	5351.41	20.58	-1.288e+04	-3652.70	1.181e+06
93	14	1.420e+05	2.654e+04	-8.90e-03	0.0	0.0	-919.41	667.21	304.95	-3.518e+04	-6.803e+04	-6.491e+04
		-6.491e+04	-6.803e+04	0.03	0.0	310.0	-919.41	667.21	304.95	-3.518e+04	2.654e+04	1.420e+05
93	15	2.267e+04	2.261e+04	-4.21e-03	0.0	0.0	-1071.88	108.72	269.85	-4.299e+04	-6.107e+04	-1.137e+04
		-1.137e+04	-6.107e+04	7.00e-03	0.0	310.0	-1071.88	108.72	269.85	-4.299e+04	2.261e+04	2.267e+04
93	16	1.022e+06	6346.93	-0.05	0.0	0.0	489.75	4647.38	-29.88	1.140e+04	6346.93	-4.190e+05
		-4.190e+05	3424.86	0.10	0.0	310.0	489.75	4647.38	-29.88	1.140e+04	3424.86	1.022e+06
93	17	8.864e+05	-2589.36	-0.04	0.0	0.0	420.96	4015.06	15.83	-9660.30	-2589.36	-3.587e+05
		-3.587e+05	-2795.19	-0.05	0.0	310.0	420.96	4015.06	15.83	-9660.30	-2795.19	8.864e+05
94	1	2.056e+04	517.31	-0.04	-1439.90	0.0	68.59	675.95	3.51	-1.409e+04	-745.07	-3.632e+04
		-5.216e+04	-745.07	-1.40e-04	0.0	360.0	68.59	-763.95	3.51	-1.409e+04	517.31	-5.216e+04

94	2	-2.172e+04	1310.75	-0.19	-425.81	0.0	114.83	35.36	9.68	-5.725e+04	-2173.59	-2.193e+04
		-1.114e+05	-2173.59	-6.95e-04	0.0	360.0	114.83	-390.45	9.68	-5.725e+04	1310.75	-1.114e+05
94	3	-1.305e+04	751.47	-0.08	-170.32	0.0	43.13	44.39	4.78	-2.336e+04	-968.80	-1.413e+04
		-3.903e+04	-968.80	-2.75e-04	0.0	360.0	43.13	-125.93	4.78	-2.336e+04	751.47	-3.903e+04
94	4	-1.900e+04	1044.76	-0.12	-255.49	0.0	71.13	62.01	7.02	-3.489e+04	-1480.95	-2.041e+04
		-5.941e+04	-1480.95	-4.02e-04	0.0	360.0	71.13	-193.48	7.02	-3.489e+04	1044.76	-5.941e+04
94	5	3.705e+04	688.10	-0.06	-2519.83	0.0	137.02	1168.66	5.70	-1.601e+04	-1364.23	-6.019e+04
		-9.304e+04	-1364.23	-1.56e-04	0.0	360.0	137.02	-1351.16	5.70	-1.601e+04	688.10	-9.304e+04
94	6	1.322e+05	1.241e+04	-0.11	0.0	0.0	4318.43	595.39	93.54	-6.868e+04	-2.189e+04	-8.918e+04
		-8.918e+04	-2.189e+04	0.09	0.0	360.0	4318.43	595.39	93.54	-6.868e+04	1.241e+04	1.322e+05
94	7	1.845e+05	1.106e+04	-0.11	0.0	0.0	4241.43	913.33	101.69	-6.354e+04	-2.657e+04	-1.446e+05
		-1.446e+05	-2.657e+04	2.33e-03	0.0	360.0	4241.43	913.33	101.69	-6.354e+04	1.106e+04	1.845e+05
94	8	3.219e+05	5407.57	-0.16	0.0	0.0	2657.59	-1541.14	64.64	-4.563e+04	-1.888e+04	-2.332e+05
		-2.332e+05	-1.888e+04	0.26	0.0	360.0	2657.59	-1541.14	64.64	-4.563e+04	5407.57	-2.332e+05
94	9	1.917e+05	1634.75	-0.23	0.0	0.0	2029.30	-919.40	31.49	-4.245e+04	-1.071e+04	1.917e+05
		-1.395e+05	-1.071e+04	-0.13	0.0	360.0	2029.30	-919.40	31.49	-4.245e+04	1634.75	-1.395e+05
94	10	7.177e+04	6723.93	-0.05	0.0	0.0	2393.33	329.26	51.86	-3.855e+04	-1.233e+04	-5.078e+04
		-5.078e+04	-1.233e+04	0.05	0.0	360.0	2393.33	329.26	51.86	-3.855e+04	6723.93	7.177e+04
94	11	9.850e+04	5987.24	-0.05	0.0	0.0	2405.29	488.44	57.49	-3.559e+04	-1.533e+04	-7.752e+04
		-7.752e+04	-1.533e+04	7.17e-04	0.0	360.0	2405.29	488.44	57.49	-3.559e+04	5987.24	9.850e+04
94	12	1.708e+05	2986.36	-0.09	0.0	0.0	1434.24	-818.18	38.17	-2.430e+04	-1.132e+04	1.708e+05
		-1.240e+05	-1.132e+04	0.14	0.0	360.0	1434.24	-818.18	38.17	-2.430e+04	2986.36	-1.240e+05
94	13	1.053e+05	954.09	-0.13	0.0	0.0	1099.96	-504.64	17.44	-2.273e+04	-5927.03	1.053e+05
		-7.656e+04	-5927.03	-0.07	0.0	360.0	1099.96	-504.64	17.44	-2.273e+04	954.09	-7.656e+04
94	14	5.389e+04	5062.98	-0.04	0.0	0.0	1811.18	247.61	39.28	-2.923e+04	-9378.65	-3.827e+04
		-3.827e+04	-9378.65	0.04	0.0	360.0	1811.18	247.61	39.28	-2.923e+04	5062.98	5.389e+04
94	15	7.382e+04	4501.05	-0.04	0.0	0.0	1824.74	366.21	43.59	-2.695e+04	-1.166e+04	-5.816e+04
		-5.816e+04	-1.166e+04	4.57e-04	0.0	360.0	1824.74	366.21	43.59	-2.695e+04	4501.05	-5.816e+04
94	16	1.281e+05	2265.21	-0.06	0.0	0.0	1081.65	-613.86	29.52	-1.823e+04	-8781.10	1.281e+05
		-9.304e+04	-8781.10	0.11	0.0	360.0	1081.65	-613.86	29.52	-1.823e+04	2265.21	-9.304e+04
94	17	7.898e+04	718.02	-0.09	0.0	0.0	827.05	-378.71	13.27	-1.705e+04	-4513.17	7.898e+04
		-5.748e+04	-4513.17	-0.05	0.0	360.0	827.05	-378.71	13.27	-1.705e+04	718.02	-5.748e+04
95	1	2.178e+04	565.79	0.04	-1445.30	0.0	21.64	761.61	-2.40	1.347e+04	565.79	-5.054e+04
		-5.054e+04	-302.74	5.00e-05	0.0	361.3	21.64	-683.69	-2.40	1.347e+04	-302.74	-3.646e+04
95	2	9814.09	387.50	-5.29e-03	-428.11	0.0	-94.93	165.42	1.14	5309.39	387.50	-6746.66
		-1.495e+04	-25.23	-1.51e-04	0.0	361.3	-94.93	-262.70	1.14	5309.39	-25.23	-1.495e+04
95	3	3499.39	296.88	7.64e-03	-171.24	0.0	-1.48	36.43	-0.81	2500.48	296.88	-531.74
		-7994.99	5.04	2.89e-05	0.0	361.3	-1.48	-134.82	-0.81	2500.48	5.04	-7994.99
95	4	5179.93	333.91	0.01	-256.87	0.0	-6.51	59.03	-0.80	3598.54	333.91	-1616.98
		-1.123e+04	46.11	1.73e-05	0.0	361.3	-6.51	-197.84	-0.80	3598.54	46.11	-1.123e+04
95	5	3.813e+04	866.28	0.07	-2529.28	0.0	90.43	1326.09	-4.14	1.962e+04	866.28	-8.721e+04
		-8.721e+04	-630.67	3.23e-05	0.0	361.3	90.43	-1203.18	-4.14	1.962e+04	-630.67	-6.501e+04
95	6	8.319e+04	9601.22	-0.07	0.0	0.0	-3145.40	509.45	68.06	-6.003e+04	-1.551e+04	-1.049e+05
		-1.049e+05	-1.551e+04	0.08	0.0	361.3	-3145.40	509.45	68.06	-6.003e+04	9601.22	8.319e+04
95	7	1.370e+05	1.260e+04	-0.05	0.0	0.0	-3235.87	797.82	74.26	-6.034e+04	-1.483e+04	-1.515e+05
		-1.515e+05	-1.483e+04	-6.23e-03	0.0	361.3	-3235.87	797.82	74.26	-6.034e+04	1.260e+04	-1.515e+05
95	8	1.750e+05	-3214.85	0.31	0.0	0.0	322.17	825.60	-18.49	4.181e+04	-3214.85	1.234e+05
		-1.234e+05	-6970.05	0.25	0.0	361.3	322.17	825.60	-18.49	4.181e+04	-6970.05	-1.234e+05
95	9	3.034e+05	3958.59	0.27	0.0	0.0	1054.85	1435.44	-43.29	4.704e+04	3958.59	-2.155e+05
		-2.155e+05	-1.218e+04	-0.14	0.0	361.3	1054.85	1435.44	-43.29	4.704e+04	-1.218e+04	-2.155e+05
95	10	4.764e+04	5266.74	-0.03	0.0	0.0	-1707.74	285.01	36.53	-3.369e+04	-8272.84	-5.758e+04
		-5.758e+04	-8272.84	0.04	0.0	361.3	-1707.74	285.01	36.53	-3.369e+04	5266.74	-5.758e+04
95	11	7.366e+04	6984.96	-0.02	0.0	0.0	-1766.95	427.50	40.15	-3.429e+04	-7921.76	-8.099e+04
		-8.099e+04	-7921.76	-3.54e-03	0.0	361.3	-1766.95	427.50	40.15	-3.429e+04	6984.96	-8.099e+04
95	12	9.744e+04	-1739.51	0.17	0.0	0.0	179.59	459.50	-10.83	2.253e+04	-1739.51	-6.863e+04
		-6.863e+04	-3960.48	0.13	0.0	361.3	179.59	459.50	-10.83	2.253e+04	-3960.48	-6.863e+04
95	13	1.609e+05	2400.67	0.14	0.0	0.0	641.80	761.37	-26.32	2.502e+04	2400.67	-1.144e+05
		-1.144e+05	-7385.45	-0.07	0.0	361.3	641.80	761.37	-26.32	2.502e+04	-7385.45	-1.144e+05
95	14	3.597e+04	3976.45	-0.02	0.0	0.0	-1286.01	214.78	27.44	-2.562e+04	-6204.97	-4.332e+04
		-4.332e+04	-6204.97	0.03	0.0	361.3	-1286.01	214.78	27.44	-2.562e+04	3976.45	-4.332e+04
95	15	5.533e+04	5274.27	-0.01	0.0	0.0	-1330.24	320.82	30.16	-2.614e+04	-5937.55	-6.073e+04
		-6.073e+04	-5937.55	-2.69e-03	0.0	361.3	-1330.24	320.82	30.16	-2.614e+04	5274.27	-6.073e+04
95	16	7.311e+04	-1309.20	0.13	0.0	0.0	136.26	344.77	-8.29	1.691e+04	-1309.20	-5.150e+04
		-5.150e+04	-3014.65	0.10	0.0	361.3	136.26	344.77	-8.29	1.691e+04	-3014.65	-5.150e+04
95	17	1.207e+05	1862.88	0.11	0.0	0.0	500.06	571.28	-20.47	1.877e+04	1862.88	-8.587e+04
		-8.587e+04	-5734.96	-0.06	0.0	361.3	500.06	571.28	-20.47	1.877e+04	-5734.96	-8.587e+04
96	1	2.503e+04	121.03	9.79e-03	-1773.75	0.0	62.80	924.93	0.54	1447.29	121.03	-8.885e+04
		-8.885e+04	-135.16	-1.54e-04	0.0	473.0	62.80	-848.82	0.54	1447.29	-135.16	-8.885e+04
96	2	2.019e+05	18.90	-0.03	-8222.78	0.0	149.48	3620.40	0.63	-3936.23	18.90	-3.621e+05
		-3.621e+05	-277.80	-8.14e-04	0.0	473.0	149.48	-4602.38	0.63	-3936.23	-277.80	-3.621e+05
96	3	8.800e+04	23.78	-0.02	-3289.11	0.0	-55.10	1473.33	0.13	-769.06	23.78	-1.317e+05
		-1.317e+05	-36.74	-3.04e-05	0.0	473.0	-55.10	-1815.79	0.13	-769.06	-36.74	-1.317e+05
96	4	1.306e+05	18.91	-0.03	-4933.67	0.0	-47.98	2213.11	0.11	-1213.72	18.91	-1.982e+05
		-1.982e+05	-34.78	-8.15e-05	0.0	473.0	-47.98	-2720.56	0.11	-1213.72	-34.78	-1.982e+05
96	5	3.294e+04	196.02	0.02	0.0	0.0	239.54	315.41	-0.63	4403.74	196.02	-1.163e+05
		-1.163e+05	-102.72	-1.03e-04	0.0	473.0	239.54	315.41	-0.63	4403.74	-102.72	-1.163e+05

96	6	8.006e+05	2062.06	0.18	0.0	0.0	3169.82	5669.04	-15.71	2.275e+04	2062.06	-1.882e+06
		-1.882e+06	-6721.49	0.13	0.0	473.0	3169.82	5669.04	-15.71	2.275e+04	-6721.49	8.006e+05
96	7	8.619e+05	1084.86	0.20	0.0	0.0	3508.23	6107.99	-3.02	2131.84	1084.86	-2.029e+06
		-2.029e+06	-710.65	-7.90e-03	0.0	473.0	3508.23	6107.99	-3.02	2131.84	-710.65	8.619e+05
96	8	3.395e+05	6459.30	-0.03	0.0	0.0	-465.06	-1033.98	-22.62	2.643e+04	6459.30	3.395e+05
		-1.497e+05	-5883.63	0.05	0.0	473.0	-465.06	-1033.98	-22.62	2.643e+04	-5883.63	-1.497e+05
96	9	1.059e+05	7599.69	0.02	0.0	0.0	-608.73	-320.91	-34.56	2.483e+04	7599.69	1.059e+05
		-4.663e+04	-1.009e+04	-0.11	0.0	473.0	-608.73	-320.91	-34.56	2.483e+04	-1.009e+04	-4.663e+04
96	10	4.277e+05	1244.43	0.10	0.0	0.0	1690.00	3023.57	-8.62	1.240e+04	1244.43	-1.004e+06
		-1.004e+06	-3643.88	0.07	0.0	473.0	1690.00	3023.57	-8.62	1.240e+04	-3643.88	4.277e+05
96	11	4.596e+05	662.00	0.11	0.0	0.0	1866.13	3251.70	-1.80	1271.03	662.00	-1.080e+06
		-1.080e+06	-387.28	-4.47e-03	0.0	473.0	1866.13	3251.70	-1.80	1271.03	-387.28	4.596e+05
96	12	1.805e+05	3760.82	-0.02	0.0	0.0	-261.21	-549.90	-13.40	1.455e+04	3760.82	1.805e+05
		-7.969e+04	-3480.49	0.02	0.0	473.0	-261.21	-549.90	-13.40	1.455e+04	-3480.49	-7.969e+04
96	13	6.119e+04	4471.94	8.51e-03	0.0	0.0	-365.38	-185.48	-19.62	1.443e+04	4471.94	6.119e+04
		-2.696e+04	-5573.37	-0.06	0.0	473.0	-365.38	-185.48	-19.62	1.443e+04	-5573.37	-2.696e+04
96	14	3.208e+05	955.24	0.07	0.0	0.0	1267.06	2267.05	-6.49	9305.06	955.24	-7.524e+05
		-7.524e+05	-2733.06	0.05	0.0	473.0	1267.06	2267.05	-6.49	9305.06	-2733.06	3.208e+05
96	15	3.444e+05	508.52	0.08	0.0	0.0	1397.38	2435.33	-1.38	976.20	508.52	-8.084e+05
		-8.084e+05	-291.27	-3.40e-03	0.0	473.0	1397.38	2435.33	-1.38	976.20	-291.27	3.444e+05
96	16	1.354e+05	2876.74	-0.01	0.0	0.0	-198.21	-412.59	-10.24	1.095e+04	2876.74	1.354e+05
		-5.981e+04	-2635.29	0.01	0.0	473.0	-198.21	-412.59	-10.24	1.095e+04	-2635.29	-5.981e+04
96	17	4.591e+04	3429.56	6.39e-03	0.0	0.0	-283.65	-139.17	-14.96	1.104e+04	3429.56	4.591e+04
		-2.024e+04	-4221.43	-0.04	0.0	473.0	-283.65	-139.17	-14.96	1.104e+04	-4221.43	-2.024e+04
97	1	1.810e+04	117.13	-7.47e-03	-1331.25	0.0	135.03	807.62	-1.51	-673.48	117.13	-6.879e+04
		-6.879e+04	-419.57	-1.37e-04	0.0	355.0	135.03	-523.63	-1.51	-673.48	-419.57	-1.37e-04
97	2	9.675e+04	1007.84	-0.02	-6655.38	0.0	483.48	4042.03	3.13	-5065.47	1007.84	-3.386e+05
		-3.386e+05	-101.82	-4.28e-04	0.0	355.0	483.48	-2613.36	3.13	-5065.47	-101.82	-3.386e+05
97	3	4.311e+04	21.74	-3.03e-03	-2662.15	0.0	10.10	1564.45	-0.05	-1590.79	21.74	-1.198e+05
		-1.198e+05	3.86	1.58e-05	0.0	355.0	10.10	-1097.71	-0.05	-1590.79	3.86	-1.198e+05
97	4	6.320e+04	117.28	-5.04e-03	-3993.23	0.0	59.99	2344.43	0.30	-2425.36	117.28	-5.727e+04
		-1.807e+05	10.19	2.60e-05	0.0	355.0	59.99	-1648.80	0.30	-2425.36	10.19	-1.807e+05
97	5	2.437e+04	596.17	-2.97e-03	0.0	0.0	295.11	-124.75	2.01	1330.49	596.17	-2.437e+04
		-1.992e+04	-115.63	1.35e-04	0.0	355.0	295.11	-124.75	2.01	1330.49	-115.63	-1.992e+04
97	6	2.190e+06	4843.53	-0.11	0.0	0.0	-5017.20	8632.83	-12.12	3.072e+04	4843.53	-8.769e+05
		-8.769e+05	2624.50	0.09	0.0	355.0	-5017.20	8632.83	-12.12	3.072e+04	2624.50	-8.769e+05
97	7	2.405e+06	-1084.77	-0.12	0.0	0.0	-5000.29	9502.63	6.67	-3747.96	-1084.77	-2.405e+06
		-9.706e+05	-1848.02	-0.01	0.0	355.0	-5000.29	9502.63	6.67	-3747.96	-1848.02	-9.706e+05
97	8	3.196e+05	1.072e+04	-0.03	0.0	0.0	1575.83	1231.92	49.20	-3.553e+04	1.072e+04	3.196e+05
		-1.205e+05	8871.98	0.06	0.0	355.0	1575.83	1231.92	49.20	-3.553e+04	8871.98	-1.205e+05
97	9	2.486e+05	1.232e+04	-0.03	0.0	0.0	1848.15	1094.21	53.04	-7.453e+04	1.232e+04	2.486e+05
		-1.411e+05	-8185.84	-0.06	0.0	355.0	1848.15	1094.21	53.04	-7.453e+04	-8185.84	-1.411e+05
97	10	1.168e+06	2723.40	-0.06	0.0	0.0	-2706.26	4605.73	-7.12	1.686e+04	2723.40	-1.168e+06
		-4.688e+05	1494.28	0.05	0.0	355.0	-2706.26	4605.73	-7.12	1.686e+04	1494.28	-4.688e+05
97	11	1.280e+06	-658.83	-0.07	0.0	0.0	-2669.20	5058.02	3.85	-2141.43	-658.83	-1.280e+06
		-5.176e+05	-1009.21	-5.57e-03	0.0	355.0	-2669.20	5058.02	3.85	-2141.43	-1009.21	-5.176e+05
97	12	1.727e+05	5794.33	-0.02	0.0	0.0	846.45	669.15	27.44	-2.065e+04	5794.33	-1.727e+05
		-6.644e+04	5195.26	0.03	0.0	355.0	846.45	669.15	27.44	-2.065e+04	5195.26	-6.644e+04
97	13	1.343e+05	7249.31	-0.01	0.0	0.0	1002.60	588.71	31.65	-4.031e+04	7249.31	-1.343e+05
		-7.550e+04	-4907.07	-0.03	0.0	355.0	1002.60	588.71	31.65	-4.031e+04	-4907.07	-7.550e+04
97	14	8.756e+05	2050.29	-0.04	0.0	0.0	-2034.64	3453.24	-5.44	1.265e+04	2050.29	-8.756e+05
		-3.517e+05	1137.21	0.04	0.0	355.0	-2034.64	3453.24	-5.44	1.265e+04	1137.21	-3.517e+05
97	15	9.583e+05	-508.21	-0.05	0.0	0.0	-2000.19	3788.03	2.94	-1632.74	-508.21	-9.583e+05
		-3.878e+05	-761.64	-4.20e-03	0.0	355.0	-2000.19	3788.03	2.94	-1632.74	-761.64	-3.878e+05
97	16	1.296e+05	4358.66	-0.01	0.0	0.0	635.81	502.01	20.82	-1.554e+04	4358.66	-1.296e+05
		-4.988e+04	3975.11	0.02	0.0	355.0	635.81	502.01	20.82	-1.554e+04	3975.11	-4.988e+04
97	17	1.008e+05	5564.38	-0.01	0.0	0.0	756.93	441.75	24.37	-3.042e+04	5564.38	-1.008e+05
		-5.667e+04	-3771.72	-0.03	0.0	355.0	756.93	441.75	24.37	-3.042e+04	-3771.72	-5.667e+04
98	1	2.065e+04	158.47	7.42e-03	-1331.25	0.0	65.38	501.23	-0.33	550.47	158.47	-1.284e+04
		-7.120e+04	41.84	-1.02e-04	0.0	355.0	65.38	-830.02	-0.33	550.47	41.84	-7.120e+04
98	2	1.741e+05	2564.04	0.02	-1.056e+04	0.0	14.96	4130.99	-7.86	3912.70	2564.04	-1.741e+05
		-5.203e+05	-226.36	-6.90e-04	0.0	355.0	14.96	-6430.26	-7.86	3912.70	-226.36	-5.203e+05
98	3	7.382e+04	162.93	-8.89e-03	-4224.50	0.0	-92.71	1705.42	-0.58	1202.61	162.93	-7.382e+04
		-1.922e+05	-41.76	-4.26e-05	0.0	355.0	-92.71	-2519.08	-0.58	1202.61	-41.76	-1.922e+05
98	4	1.092e+05	527.99	-0.01	-6336.75	0.0	-106.04	2560.19	-1.86	1838.46	527.99	-1.092e+05
		-2.894e+05	-131.71	-1.24e-04	0.0	355.0	-106.04	-3776.56	-1.86	1838.46	-131.71	-2.894e+05
98	5	2.182e+04	1632.72	2.93e-03	0.0	0.0	126.71	112.95	-6.06	-1365.76	1632.72	-2.182e+04
		-1.828e+04	-519.69	-3.72e-04	0.0	355.0	126.71	112.95	-6.06	-1365.76	-519.69	-1.828e+04
98	6	8.908e+05	1.633e+04	0.13	0.0	0.0	3844.42	8748.24	-74.36	3.457e+04	1.633e+04	-8.908e+05
		-2.218e+06	-1.108e+04	0.09	0.0	355.0	3844.42	8748.24	-74.36	3.457e+04	-1.108e+04	-2.218e+06
98	7	9.853e+05	1.490e+04	0.14	0.0	0.0	4117.56	9619.86	-54.16	-1840.70	1.490e+04	-9.853e+05
		-2.433e+06	-4425.41	-2.09e-03	0.0	355.0	4117.56	9619.86	-54.16	-1840.70	-4425.41	-2.433e+06
98	8	3.709e+05	5386.46	0.02	0.0	0.0	-728.64	-1568.67	-40.34	8.029e+04	5386.46	-3.709e+05
		-1.876e+05	-1.003e+04	0.08	0.0	355.0	-728.64	-1568.67	-40.34	8.029e+04	-1.003e+04	-1.876e+05
98	9	1.928e+05	2110.76	0.02	0.0	0.0	506.14	-734.56	-20.72	4.043e+04	2110.76	-1.928e+05
		-7.297e+04	-6692.79	-0.05	0.0	355.0	506.14	-734.56	-20.72	4.043e+04	-6692.79	-7.297e+04

98	10	4.765e+05	9128.66	0.07	0.0	0.0	2051.10	4667.66	-40.84	1.892e+04	9128.66	-1.183e+06
		-1.183e+06	-6000.66	0.05	0.0	355.0	2051.10	4667.66	-40.84	1.892e+04	-6000.66	4.765e+05
98	11	5.257e+05	8352.68	0.08	0.0	0.0	2203.56	5121.22	-30.43	-1066.38	8352.68	-1.294e+06
		-1.294e+06	-2514.69	-1.21e-03	0.0	355.0	2203.56	5121.22	-30.43	-1066.38	-2514.69	5.257e+05
98	12	1.987e+05	3248.27	0.01	0.0	0.0	-397.85	-839.67	-23.20	4.335e+04	3248.27	1.987e+05
		-1.003e+05	-5621.92	0.04	0.0	355.0	-397.85	-839.67	-23.20	4.335e+04	-5621.92	-1.003e+05
98	13	1.065e+05	1235.77	0.01	0.0	0.0	277.90	-410.53	-11.90	2.321e+04	1235.77	1.065e+05
		-4.192e+04	-3755.15	-0.02	0.0	355.0	277.90	-410.53	-11.90	2.321e+04	-3755.15	-4.192e+04
98	14	3.574e+05	6921.86	0.05	0.0	0.0	1537.94	3499.76	-30.84	1.420e+04	6921.86	-8.866e+05
		-8.866e+05	-4509.15	0.04	0.0	355.0	1537.94	3499.76	-30.84	1.420e+04	-4509.15	3.574e+05
98	15	3.940e+05	6325.32	0.06	0.0	0.0	1652.28	3835.50	-23.05	-818.27	6325.32	-9.693e+05
		-9.693e+05	-1907.46	-9.28e-04	0.0	355.0	1652.28	3835.50	-23.05	-818.27	-1907.46	3.940e+05
98	16	1.491e+05	2525.76	7.95e-03	0.0	0.0	-299.79	-629.98	-17.75	3.268e+04	2525.76	1.491e+05
		-7.528e+04	-4256.12	0.03	0.0	355.0	-299.79	-629.98	-17.75	3.268e+04	-4256.12	-7.528e+04
98	17	7.994e+04	953.73	7.80e-03	0.0	0.0	210.67	-308.14	-9.02	1.756e+04	953.73	7.994e+04
		-3.150e+04	-2828.30	-0.02	0.0	355.0	210.67	-308.14	-9.02	1.756e+04	-2828.30	-3.150e+04
99	1	2.524e+04	50.14	-9.69e-03	-1773.75	0.0	100.22	851.25	-0.22	-1407.05	50.14	-7.121e+04
		-8.806e+04	-55.18	1.24e-04	0.0	473.0	100.22	-922.50	-0.22	-1407.05	-55.18	-8.806e+04
99	2	3.190e+05	-78.05	-0.06	-1.212e+04	0.0	304.51	7147.05	-0.06	4494.30	-78.05	-5.393e+05
		-5.393e+05	-106.40	1.03e-03	0.0	473.0	304.51	-4977.70	-0.06	4494.30	-106.40	-3.846e+05
99	3	1.347e+05	93.84	-0.02	-4849.90	0.0	-16.39	2834.84	0.28	1004.68	93.84	-2.029e+05
		-2.029e+05	-38.95	4.17e-05	0.0	473.0	-16.39	-2015.06	0.28	1004.68	-38.95	-2.029e+05
99	4	2.007e+05	192.13	-0.03	-7274.85	0.0	11.51	4248.82	0.65	1562.52	192.13	-3.050e+05
		-3.050e+05	-117.36	7.92e-05	0.0	473.0	11.51	-3026.03	0.65	1562.52	-117.36	-3.050e+05
99	5	3.114e+04	585.03	8.92e-03	0.0	0.0	302.44	-297.18	2.29	-4297.61	585.03	3.114e+04
		-1.094e+05	-500.22	-3.17e-04	0.0	473.0	302.44	-297.18	2.29	-4297.61	-500.22	-1.094e+05
99	6	1.888e+06	8519.69	-0.18	0.0	0.0	-2466.47	5688.67	22.05	2.245e+04	8519.69	-8.041e+05
		-8.041e+05	-3917.44	0.13	0.0	473.0	-2466.47	5688.67	22.05	2.245e+04	-3917.44	1.888e+06
99	7	2.033e+06	7946.18	-0.19	0.0	0.0	-2899.75	6123.38	26.12	1322.49	7946.18	-8.651e+05
		-8.651e+05	-4671.19	-4.69e-03	0.0	473.0	-2899.75	6123.38	26.12	1322.49	-4671.19	-8.651e+05
99	8	1.977e+05	6450.13	-0.03	0.0	0.0	1389.07	592.67	14.55	-2.569e+04	6450.13	-8.335e+04
		-8.335e+04	-4875.19	0.12	0.0	473.0	1389.07	592.67	14.55	-2.569e+04	-4875.19	-8.335e+04
99	9	2.428e+05	4940.96	-0.03	0.0	0.0	484.27	743.02	20.27	-2.615e+04	4940.96	-1.088e+05
		-1.088e+05	-5562.67	-0.05	0.0	473.0	484.27	743.02	20.27	-2.615e+04	-5562.67	-1.088e+05
99	10	1.007e+06	4743.97	-0.10	0.0	0.0	-1319.88	3033.15	12.64	1.228e+04	4743.97	-2.333e+06
		-4.294e+05	-2333.99	0.07	0.0	473.0	-1319.88	3033.15	12.64	1.228e+04	-2333.99	-4.294e+05
99	11	1.082e+06	4552.84	-0.10	0.0	0.0	-1547.94	3259.18	14.81	750.03	4552.84	-4.612e+05
		-4.612e+05	-2612.12	-2.76e-03	0.0	473.0	-1547.94	3259.18	14.81	750.03	-2612.12	-4.612e+05
99	12	1.079e+05	3593.35	-0.02	0.0	0.0	740.07	323.91	8.72	-1.496e+04	3593.35	1.079e+05
		-4.575e+04	-2779.99	0.06	0.0	473.0	740.07	323.91	8.72	-1.496e+04	-2779.99	-4.575e+04
99	13	1.291e+05	2780.38	-0.02	0.0	0.0	285.10	395.13	11.14	-1.452e+04	2780.38	-5.787e+04
		-5.787e+04	-3058.10	-0.02	0.0	473.0	285.10	395.13	11.14	-1.452e+04	-3058.10	-5.787e+04
99	14	7.546e+05	3592.59	-0.07	0.0	0.0	-989.67	2274.10	9.62	9216.56	3592.59	-7.779e+05
		-3.221e+05	-1776.54	0.05	0.0	473.0	-989.67	2274.10	9.62	9216.56	-1776.54	-3.221e+05
99	15	8.100e+05	3459.52	-0.08	0.0	0.0	-1160.04	2440.83	11.23	569.66	3459.52	-8.100e+05
		-3.456e+05	-1975.62	-2.12e-03	0.0	473.0	-1160.04	2440.83	11.23	569.66	-1975.62	-3.456e+05
99	16	8.092e+04	2735.81	-0.01	0.0	0.0	555.25	242.85	6.73	-1.141e+04	2735.81	-8.092e+04
		-3.434e+04	-2104.07	0.05	0.0	473.0	555.25	242.85	6.73	-1.141e+04	-2104.07	-3.434e+04
99	17	9.689e+04	2114.25	-0.01	0.0	0.0	216.16	296.51	8.46	-1.100e+04	2114.25	-9.689e+04
		-4.344e+04	-2309.49	-0.02	0.0	473.0	216.16	296.51	8.46	-1.100e+04	-2309.49	-4.344e+04
100	1	1.427e+04	612.68	-0.02	-506.60	0.0	31.39	1182.55	-10.05	3.625e+04	612.68	-1.398e+05
		-1.398e+05	-745.07	6.80e-05	0.0	135.1	31.39	675.95	-10.05	3.625e+04	-745.07	-1.398e+05
100	2	5.736e+04	827.70	0.01	-1067.54	0.0	-17.48	1102.90	-22.22	2.164e+04	827.70	-1.356e+05
		-1.356e+05	-2173.59	1.85e-04	0.0	135.1	-17.48	35.36	-22.22	2.164e+04	-2173.59	-1.356e+05
100	3	2.343e+04	519.08	7.50e-03	-427.02	0.0	-0.83	471.41	-11.01	1.401e+04	519.08	-5.881e+04
		-5.881e+04	-968.80	7.72e-05	0.0	135.1	-0.83	44.39	-11.01	1.401e+04	-968.80	-5.881e+04
100	4	3.499e+04	766.69	0.01	-640.52	0.0	0.21	702.53	-16.64	2.024e+04	766.69	-8.743e+04
		-8.743e+04	-1480.95	1.29e-04	0.0	135.1	0.21	62.01	-16.64	2.024e+04	-1480.95	-8.743e+04
100	5	1.631e+04	921.02	-0.04	-945.66	0.0	66.15	2114.32	-16.92	6.011e+04	921.02	-2.381e+05
		-2.381e+05	-1364.23	1.87e-04	0.0	135.1	66.15	1168.66	-16.92	6.011e+04	-1364.23	-2.381e+05
100	6	6.900e+04	2.143e+04	0.70	0.0	0.0	3355.87	417.38	-318.00	8.893e+04	2.143e+04	-1.141e+05
		-1.141e+05	-2.189e+04	0.04	0.0	135.1	3355.87	417.38	-318.00	8.893e+04	-2.189e+04	-1.141e+05
100	7	6.419e+04	3.245e+04	0.69	0.0	0.0	3330.18	614.48	-436.76	1.443e+05	3.245e+04	-1.454e+05
		-1.454e+05	-2.657e+04	-1.96e-03	0.0	135.1	3330.18	614.48	-436.76	1.443e+05	-2.657e+04	-1.454e+05
100	8	1.830e+05	2.126e+04	0.24	0.0	0.0	1509.13	-1667.19	-280.92	-3.221e+05	2.126e+04	1.830e+05
		-4.407e+04	-1.888e+04	0.04	0.0	135.1	1509.13	-1667.19	-280.92	-3.221e+05	-1.888e+04	-4.407e+04
100	9	1.048e+05	1.470e+04	0.23	0.0	0.0	1186.16	-1061.04	-183.60	-1.919e+05	1.470e+04	1.048e+05
		-4.155e+04	-1.071e+04	-9.08e-03	0.0	135.1	1186.16	-1061.04	-183.60	-1.919e+05	-1.071e+04	-4.155e+04
100	10	3.873e+04	1.215e+04	0.37	0.0	0.0	1845.11	242.20	-179.57	5.065e+04	1.215e+04	-6.499e+04
		-6.499e+04	-1.233e+04	0.02	0.0	135.1	1845.11	242.20	-179.57	5.065e+04	-1.233e+04	-6.499e+04
100	11	3.594e+04	1.861e+04	0.37	0.0	0.0	1885.23	332.71	-251.15	7.736e+04	1.861e+04	-7.972e+04
		-7.972e+04	-1.533e+04	-1.65e-03	0.0	135.1	1885.23	332.71	-251.15	7.736e+04	-1.533e+04	-7.972e+04
100	12	9.759e+04	1.293e+04	0.13	0.0	0.0	812.93	-887.36	-171.78	-1.709e+05	1.293e+04	-9.759e+04
		-2.348e+04	-1.132e+04	0.02	0.0	135.1	812.93	-887.36	-171.78	-1.709e+05	-1.132e+04	-2.348e+04
100	13	5.826e+04	8256.69	0.12	0.0	0.0	651.15	-582.57	-102.21	-1.054e+05	8256.69	5.826e+04
		-2.223e+04	-5927.03	-3.47e-03	0.0	135.1	651.15	-582.57	-102.21	-1.054e+05	-5927.03	-2.223e+04

100	14	-2.937e+04	9246.25	0.28	0.0	0.0	1393.77	183.45	-136.63	3.817e+04	9246.25	-4.933e+04
		-4.933e+04	-9378.65	0.02	0.0	135.1	1393.77	183.45	-136.63	3.817e+04	-9378.65	-2.937e+04
100	15	-2.721e+04	1.415e+04	0.27	0.0	0.0	1429.69	250.21	-191.00	5.804e+04	1.415e+04	-6.011e+04
		-6.011e+04	-1.166e+04	-1.32e-03	0.0	135.1	1429.69	250.21	-191.00	5.804e+04	-1.166e+04	-2.721e+04
100	16	7.332e+04	1.003e+04	0.09	0.0	0.0	612.76	-666.29	-133.70	-1.282e+05	1.003e+04	7.332e+04
		-1.761e+04	-8781.10	0.02	0.0	135.1	612.76	-666.29	-133.70	-1.282e+05	-8781.10	-1.761e+04
100	17	4.384e+04	6295.15	0.09	0.0	0.0	490.82	-437.84	-77.93	-7.906e+04	6295.15	4.384e+04
		-1.668e+04	-4513.17	-2.60e-03	0.0	135.1	490.82	-437.84	-77.93	-7.906e+04	-4513.17	-1.668e+04
101	1	-1.362e+04	259.08	0.02	-526.04	0.0	2.92	-683.69	4.01	-3.641e+04	259.08	-1.362e+04
		-1.464e+05	-302.74	-2.09e-05	0.0	140.3	2.92	-1209.74	4.01	-3.641e+04	-302.74	-1.464e+05
101	2	-5336.69	387.50	-5.27e-03	-1112.51	0.0	41.63	-262.70	-6.34	-6725.09	387.50	-5336.69
		-1.217e+05	-501.54	6.22e-06	0.0	140.3	41.63	-1375.20	-6.34	-6725.09	-501.54	-1.217e+05
101	3	-2532.86	5.04	-4.93e-03	-445.00	0.0	17.57	-134.82	-0.40	-7984.79	5.04	-2532.86
		-5.325e+04	-50.99	1.70e-05	0.0	140.3	17.57	-579.82	-0.40	-7984.79	-50.99	-5.325e+04
101	4	-3644.00	46.11	-6.69e-03	-667.51	0.0	22.58	-197.84	-1.34	-1.121e+04	46.11	-3644.00
		-7.910e+04	-141.38	1.67e-05	0.0	140.3	22.58	-865.34	-1.34	-1.121e+04	-141.38	-7.910e+04
101	5	-1.988e+04	211.57	0.05	-981.95	0.0	-33.42	-1203.18	6.00	-6.493e+04	211.57	-1.988e+04
		-2.575e+05	-630.67	-1.11e-04	0.0	140.3	-33.42	-2185.13	6.00	-6.493e+04	-630.67	-2.575e+05
101	6	1.249e+05	9601.22	0.72	0.0	0.0	-498.33	558.36	-113.24	8.301e+04	9601.22	6.027e+04
		6.027e+04	-8273.35	0.04	0.0	140.3	-498.33	558.36	-113.24	8.301e+04	-8273.35	6.027e+04
101	7	1.507e+05	1.260e+04	0.71	0.0	0.0	-373.76	643.72	-189.43	1.368e+05	1.260e+04	6.083e+04
		6.083e+04	-1.402e+04	-1.20e-03	0.0	140.3	-373.76	643.72	-189.43	1.368e+05	-1.402e+04	6.083e+04
101	8	1.003e+05	-6970.05	-0.26	0.0	0.0	-282.75	972.33	189.50	1.751e+05	-6970.05	-4.117e+04
		-4.117e+04	-1.978e+04	0.01	0.0	140.3	-282.75	972.33	189.50	1.751e+05	-1.978e+04	1.003e+05
101	9	1.779e+05	-1.218e+04	-0.26	0.0	0.0	-692.34	1588.08	265.47	3.036e+05	-1.218e+04	-4.583e+04
		4.583e+04	-2.613e+04	-0.03	0.0	140.3	-692.34	1588.08	265.47	3.036e+05	-2.613e+04	1.779e+05
101	10	7.378e+04	5266.74	0.38	0.0	0.0	-280.65	335.61	-63.59	4.754e+04	5266.74	3.383e+04
		3.383e+04	-4815.73	0.02	0.0	140.3	-280.65	335.61	-63.59	4.754e+04	-4815.73	7.378e+04
101	11	8.627e+04	6984.96	0.38	0.0	0.0	-209.13	370.61	-105.72	7.354e+04	6984.96	3.455e+04
		3.455e+04	-7873.82	-9.22e-04	0.0	140.3	-209.13	370.61	-105.72	7.354e+04	-7873.82	3.455e+04
101	12	5.665e+04	-3960.48	-0.14	0.0	0.0	-157.54	539.61	109.12	9.752e+04	-3960.48	-2.217e+04
		-2.217e+04	-1.144e+04	4.61e-03	0.0	140.3	-157.54	539.61	109.12	9.752e+04	-1.144e+04	5.665e+04
101	13	9.481e+04	-7385.45	-0.14	0.0	0.0	-412.37	845.07	159.89	1.610e+05	-7385.45	-2.438e+04
		-2.438e+04	-1.561e+04	-0.02	0.0	140.3	-412.37	845.07	159.89	1.610e+05	-1.561e+04	9.481e+04
101	14	5.661e+04	3976.45	0.29	0.0	0.0	-213.00	257.65	-48.14	3.589e+04	3976.45	2.572e+04
		2.572e+04	-3656.82	0.02	0.0	140.3	-213.00	257.65	-48.14	3.589e+04	-3656.82	5.661e+04
101	15	6.581e+04	5274.27	0.28	0.0	0.0	-158.32	282.91	-79.95	5.524e+04	5274.27	2.633e+04
		2.633e+04	-5962.51	-7.37e-04	0.0	140.3	-158.32	282.91	-79.95	5.524e+04	-5962.51	6.581e+04
101	16	4.263e+04	-3014.65	-0.10	0.0	0.0	-119.31	405.33	83.16	7.317e+04	-3014.65	-1.665e+04
		-1.665e+04	-8719.97	3.46e-03	0.0	140.3	-119.31	405.33	83.16	7.317e+04	-8719.97	4.263e+04
101	17	7.125e+04	-5734.96	-0.10	0.0	0.0	-319.63	634.72	123.66	1.208e+05	-5734.96	-1.829e+04
		-1.829e+04	-1.204e+04	-0.01	0.0	140.3	-319.63	634.72	123.66	1.208e+05	-1.204e+04	7.125e+04
102	1	3.794e+04	90.50	5.11e-03	-1708.31	0.0	-33.17	792.59	-0.74	4629.80	90.50	4.555e+04
		-7.359e+04	-246.95	-5.37e-05	0.0	455.5	-33.17	-915.71	-0.74	4629.80	-246.95	-7.359e+04
102	2	1178.56	531.95	5.78e-03	-649.00	0.0	282.29	110.10	-2.83	725.53	531.95	-1.251e+04
		-6.091e+04	-755.71	2.05e-04	0.0	455.5	282.29	-538.90	-2.83	725.53	-755.71	-6.091e+04
102	3	6612.98	19.65	-8.53e-04	-259.60	0.0	-37.49	22.34	-0.02	-590.78	19.65	4635.90
		-2.461e+04	8.94	7.28e-05	0.0	455.5	-37.49	-237.26	-0.02	-590.78	8.94	-2.461e+04
102	4	9051.26	107.05	-1.03e-03	-389.40	0.0	-29.80	35.63	-0.35	-526.13	107.05	5783.03
		-3.711e+04	-53.04	1.40e-04	0.0	455.5	-29.80	-353.77	-0.35	-526.13	-53.04	-3.711e+04
102	5	7.010e+04	760.47	-0.01	-3188.84	0.0	136.91	1587.60	-2.81	1.246e+04	760.47	-1.099e+05
		-1.130e+05	-520.56	6.20e-04	0.0	455.5	136.91	-1601.24	-2.81	1.246e+04	-520.56	-1.130e+05
102	6	5.002e+05	1.371e+04	0.02	0.0	0.0	-3988.88	2294.15	55.62	7.044e+04	-1.219e+04	-5.480e+05
		-5.480e+05	-1.219e+04	0.09	0.0	455.5	-3988.88	2294.15	55.62	7.044e+04	1.371e+04	5.002e+05
102	7	8.592e+05	3970.81	0.04	0.0	0.0	-4110.37	3852.56	16.05	4.850e+04	-3856.10	-8.958e+05
		-8.958e+05	-3856.10	-0.01	0.0	455.5	-4110.37	3852.56	16.05	4.850e+04	3970.81	8.592e+05
102	8	1.643e+06	7.620e+04	0.09	0.0	0.0	685.10	7841.03	242.15	-3.266e+04	-3.428e+04	-1.929e+06
		-1.929e+06	-3.428e+04	0.12	0.0	455.5	685.10	7841.03	242.15	-3.266e+04	7.620e+04	1.643e+06
102	9	2.755e+06	1.047e+05	0.15	0.0	0.0	1359.50	1.309e+04	336.79	-6.052e+04	-4.908e+04	-3.207e+06
		-3.207e+06	-4.908e+04	-0.11	0.0	455.5	1359.50	1.309e+04	336.79	-6.052e+04	1.047e+05	2.755e+06
102	10	2.912e+05	7528.49	0.01	0.0	0.0	-2234.09	1339.71	30.24	3.755e+04	-6618.67	-3.207e+05
		-3.207e+05	-6618.67	0.05	0.0	455.5	-2234.09	1339.71	30.24	3.755e+04	7528.49	2.912e+05
102	11	4.570e+05	2391.81	0.02	0.0	0.0	-2312.22	2048.99	9.57	2.582e+04	-2238.70	-4.765e+05
		-4.765e+05	-2238.70	-7.67e-03	0.0	455.5	-2312.22	2048.99	9.57	2.582e+04	2391.81	4.570e+05
102	12	9.108e+05	4.501e+04	0.05	0.0	0.0	412.24	4344.35	143.04	-1.865e+04	-2.025e+04	-1.068e+06
		-1.068e+06	-2.025e+04	0.06	0.0	455.5	412.24	4344.35	143.04	-1.865e+04	4.501e+04	9.108e+05
102	13	1.461e+06	6.169e+04	0.08	0.0	0.0	830.35	6938.89	197.69	-3.212e+04	-2.856e+04	-1.700e+06
		-1.700e+06	-2.856e+04	-0.06	0.0	455.5	830.35	6938.89	197.69	-3.212e+04	6.169e+04	1.461e+06
102	14	2.185e+05	5671.01	0.01	0.0	0.0	-1693.94	1005.20	22.71	2.815e+04	-4970.38	-2.406e+05
		-2.406e+05	-4970.38	0.03	0.0	455.5	-1693.94	1005.20	22.71	2.815e+04	5671.01	2.185e+05
102	15	3.422e+05	1838.84	0.01	0.0	0.0	-1751.28	1534.25	7.33	1.934e+04	-1704.56	-3.568e+05
		-3.568e+05	-1704.56	-5.75e-03	0.0	455.5	-1751.28	1534.25	7.33	1.934e+04	1838.84	3.422e+05
102	16	6.833e+05	3.450e+04	0.04	0.0	0.0	320.55	3259.21	109.62	-1.399e+04	-1.551e+04	-8.015e+05
		-8.015e+05	-1.551e+04	0.05	0.0	455.5	320.55	3259.21	109.62	-1.399e+04	3.450e+04	6.833e+05
102	17	1.096e+06	4.733e+04	0.06	0.0	0.0	647.44	5205.55	151.56	-2.410e+04	-2.186e+04	-1.276e+06
		-1.276e+06	-2.186e+04	-0.05	0.0	455.5	647.44	5205.55	151.56	-2.410e+04	4.733e+04	1.096e+06

103	1	3.301e+04	328.76	-4.53e-03	-1650.00	0.0	189.53	756.60	-0.98	-658.56	328.76-4.316e+04
		-7.325e+04	-103.61	-1.99e-04	0.0	440.0	189.53	-893.40	-0.98	-658.56	-103.61-7.325e+04
103	2	1.048e+05	604.54	-0.01	-4950.00	0.0	425.75	2281.66	3.29	-4993.29	-843.76-1.260e+05
		-2.111e+05	-843.76	1.42e-04	0.0	440.0	425.75	-2668.34	3.29	-4993.29	604.54-2.111e+05
103	3	4.201e+04	106.35	-6.90e-03	-1980.00	0.0	-65.79	955.72	-0.46	-210.98	106.35-5.935e+04
		-7.443e+04	-95.83	1.54e-04	0.0	440.0	-65.79	-1024.28	-0.46	-210.98	-95.83-7.443e+04
103	4	6.302e+04	28.27	-0.01	-2970.00	0.0	-80.16	1425.82	-0.24	-732.71	28.27-8.731e+04
		-1.133e+05	-79.26	2.00e-04	0.0	440.0	-80.16	-1544.18	-0.24	-732.71	-79.26-1.133e+05
103	5	5735.52	-55.72	1.27e-03	0.0	0.0	3.93	-42.53	0.64	-247.11	-335.67 5735.52
		-1.298e+04	-335.67	3.21e-04	0.0	440.0	3.93	-42.53	0.64	-247.11	-55.72-1.298e+04
103	6	2.504e+05	-7023.18	-0.02	0.0	0.0	2567.10	-1192.62	37.24	3.823e+04	-7023.18 2.504e+05
		-2.752e+05	-9945.57	0.08	0.0	440.0	2567.10	-1192.62	37.24	3.823e+04	-9945.57-2.752e+05
103	7	6.054e+04	6986.52	0.01	0.0	0.0	2537.36	-311.60	23.61	2.669e+04	-3406.49-8.215e+04
		-8.215e+04	-3406.49	-0.02	0.0	440.0	2537.36	-311.60	23.61	2.669e+04	6986.52-6.054e+04
103	8	2.298e+06	2.777e+04	0.08	0.0	0.0	-758.38	1.045e+04	-204.60	2.402e+04	2.777e+04-2.300e+06
		-2.300e+06	-6.259e+04	0.12	0.0	440.0	-758.38	1.045e+04	-204.60	2.402e+04	-6.259e+04 2.298e+06
103	9	2.775e+06	3.302e+04	0.10	0.0	0.0	-561.80	1.264e+04	-259.19	1.107e+04	3.302e+04-2.789e+06
		-2.789e+06	-8.111e+04	-0.11	0.0	440.0	-561.80	1.264e+04	-259.19	1.107e+04	-8.111e+04 2.775e+06
103	10	1.386e+05	-4063.11	-9.11e-03	0.0	0.0	1371.80	-656.85	22.14	2.036e+04	-4063.11 1.386e+05
		-1.508e+05	-5989.17	0.04	0.0	440.0	1371.80	-656.85	22.14	2.036e+04	-5989.17-1.508e+05
103	11	-3.245e+04	4016.86	6.81e-03	0.0	0.0	1434.06	-166.55	13.58	1.420e+04	-1960.23-4.382e+04
		-4.382e+04	-1960.23	-8.85e-03	0.0	440.0	1434.06	-166.55	13.58	1.420e+04	4016.86-3.245e+04
103	12	1.236e+06	1.602e+04	0.04	0.0	0.0	-419.52	5620.99	-119.23	1.282e+04	1.602e+04-1.237e+06
		-1.237e+06	-3.663e+04	0.07	0.0	440.0	-419.52	5620.99	-119.23	1.282e+04	-3.663e+04 1.236e+06
103	13	1.475e+06	1.959e+04	0.05	0.0	0.0	-340.72	6721.11	-153.68	6428.22	1.959e+04-1.483e+06
		-1.483e+06	-4.807e+04	-0.06	0.0	440.0	-340.72	6721.11	-153.68	6428.22	-4.807e+04 1.475e+06
103	14	1.040e+05	-3098.37	-6.84e-03	0.0	0.0	1029.65	-492.63	16.98	1.526e+04	-3098.37 1.040e+05
		-1.131e+05	-4603.49	0.03	0.0	440.0	1029.65	-492.63	16.98	1.526e+04	-4603.49-1.131e+05
103	15	-2.435e+04	3065.42	5.11e-03	0.0	0.0	1087.42	-124.87	10.36	1.063e+04	-1495.89-3.283e+04
		-3.283e+04	-1495.89	-6.63e-03	0.0	440.0	1087.42	-124.87	10.36	1.063e+04	3065.42-2.435e+04
103	16	9.271e+05	1.223e+04	0.03	0.0	0.0	-316.97	4216.32	-91.21	9614.71	1.223e+04-9.281e+05
		-9.281e+05	-2.804e+04	0.05	0.0	440.0	-316.97	4216.32	-91.21	9614.71	-2.804e+04 9.271e+05
103	17	1.106e+06	1.505e+04	0.04	0.0	0.0	-264.64	5042.15	-118.02	4823.83	1.505e+04-1.112e+06
		-1.112e+06	-3.692e+04	-0.05	0.0	440.0	-264.64	5042.15	-118.02	4823.83	-3.692e+04 1.106e+06
104	1	3.849e+04	80.77	-6.47e-03	-1650.00	0.0	58.83	819.35	0.04	30.99	80.77-5.350e+04
		-5.350e+04	80.77	2.29e-04	0.0	440.0	58.83	-830.65	0.04	30.99	80.77-5.350e+04
104	2	2.300e+05	646.64	-0.04	-9900.00	0.0	-39.81	5086.87	0.38	452.04	646.64-2.844e+05
		-3.446e+05	479.86	2.27e-03	0.0	440.0	-39.81	-4813.13	0.38	452.04	479.86-3.446e+05
104	3	9.212e+04	224.72	-0.02	-3960.00	0.0	-73.97	2035.95	0.13	151.70	224.72-1.134e+05
		-1.380e+05	169.42	7.79e-04	0.0	440.0	-73.97	-1924.05	0.13	151.70	169.42-1.380e+05
104	4	1.382e+05	342.63	-0.02	-5940.00	0.0	-106.75	3053.86	0.19	231.34	342.63-1.701e+05
		-2.070e+05	258.75	1.19e-03	0.0	440.0	-106.75	-2886.14	0.19	231.34	258.75-2.070e+05
104	5	2371.03	44.53	6.56e-04	0.0	0.0	-24.81	-22.96	-0.02	-13.68	44.53 2371.03
		-7731.94	37.19	6.05e-05	0.0	440.0	-24.81	-22.96	-0.02	-13.68	37.19 -7731.94
104	6	2.071e+04	2.775e+05	-8.80e-04	0.0	0.0	498.33	98.88	-1334.59	3.018e+05	2.775e+05-2.280e+04
		-2.280e+04	-3.327e+05	1.15	0.0	440.0	498.33	98.88	-1334.59	3.018e+05	-3.327e+05 2.071e+04
104	7	1.323e+04	4.426e+05	-5.61e-04	0.0	0.0	252.75	63.13	-2209.84	3.400e+05	4.426e+05-1.455e+04
		-1.455e+04	-5.518e+05	1.13	0.0	440.0	252.75	63.13	-2209.84	3.400e+05	-5.518e+05 1.323e+04
104	8	4.675e+05	1.148e+05	-0.02	0.0	0.0	-8686.45	2227.05	416.66	2.808e+04	1.148e+05-4.675e+05
		-5.124e+05	7.089e+04	0.16	0.0	440.0	-8686.45	2227.05	416.66	2.808e+04	7.089e+04-5.124e+05
104	9	4.798e+05	4.488e+04	-0.02	0.0	0.0	-9797.94	2285.95	-265.86	-1.961e+04	4.488e+04-4.798e+05
		-5.260e+05	-7.432e+04	-0.11	0.0	440.0	-9797.94	2285.95	-265.86	-1.961e+04	-7.432e+04-5.260e+05
104	10	1.109e+04	1.666e+05	-4.71e-04	0.0	0.0	288.68	52.99	-802.99	1.799e+05	1.666e+05-1.222e+04
		-1.222e+04	-1.995e+05	0.70	0.0	440.0	288.68	52.99	-802.99	1.799e+05	-1.995e+05 1.109e+04
104	11	7051.10	2.645e+05	-2.99e-04	0.0	0.0	140.47	33.66	-1324.79	2.023e+05	2.645e+05-7757.42
		-7757.42	-3.310e+05	0.70	0.0	440.0	140.47	33.66	-1324.79	2.023e+05	-3.310e+05 7051.10
104	12	2.501e+05	7.037e+04	-0.01	0.0	0.0	-4788.38	1191.71	256.29	1.608e+04	7.037e+04-2.501e+05
		-2.742e+05	4.352e+04	0.09	0.0	440.0	-4788.38	1191.71	256.29	1.608e+04	4.352e+04-2.742e+05
104	13	2.565e+05	-2.729e+04	-0.01	0.0	0.0	-5473.04	1222.33	-162.06	-1.108e+04	-2.729e+04-2.565e+05
		-2.813e+05	-4.510e+04	-0.06	0.0	440.0	-5473.04	1222.33	-162.06	-1.108e+04	-4.510e+04-2.813e+05
104	14	8340.27	1.272e+05	-3.54e-04	0.0	0.0	222.40	39.84	-612.39	1.352e+05	1.272e+05-8340.27
		-9189.73	-1.520e+05	0.53	0.0	440.0	222.40	39.84	-612.39	1.352e+05	-1.520e+05 -9189.73
104	15	5286.78	2.031e+05	-2.24e-04	0.0	0.0	106.90	25.23	-1017.46	1.553e+05	2.031e+05-5286.78
		-5816.64	-2.542e+05	0.54	0.0	440.0	106.90	25.23	-1017.46	1.553e+05	-2.542e+05 -5816.64
104	16	1.877e+05	5.476e+04	-8.07e-03	0.0	0.0	-3628.46	894.44	199.48	1.224e+04	5.476e+04-1.877e+05
		-2.058e+05	3.383e+04	0.07	0.0	440.0	-3628.46	894.44	199.48	1.224e+04	3.383e+04-2.058e+05
104	17	1.926e+05	-2.122e+04	-8.28e-03	0.0	0.0	-4169.84	917.84	-126.20	-8407.98	-2.122e+04-1.926e+05
		-2.112e+05	-3.510e+04	-0.05	0.0	440.0	-4169.84	917.84	-126.20	-8407.98	-3.510e+04-2.112e+05
105	1	3.276e+04	210.50	-4.49e-03	-1650.00	0.0	258.86	758.25	-0.49	310.63	210.50-4.373e+04
		-7.310e+04	-5.58	-7.31e-05	0.0	440.0	258.86	-891.75	-0.49	310.63	-5.58-7.310e+04
105	2	1.001e+05	1804.94	-0.01	-4950.00	0.0	798.67	2307.86	-4.69	-4936.55	1804.94-1.358e+05
		-2.093e+05	-259.11	-1.05e-03	0.0	440.0	798.67	-2642.14	-4.69	-4936.55	-259.11-2.093e+05
105	3	4.045e+04	272.54	-6.05e-03	-1980.00	0.0	-2.45	966.27	1.14	-3753.48	272.54-6.323e+04
		-7.367e+04	-227.06	-4.31e-04	0.0	440.0	-2.45	-1013.73	1.14	-3753.48	-227.06-7.367e+04
105	4	6.068e+04	309.74	-8.82e-03	-2970.00	0.0	26.37	1441.57	0.88	-5211.69	309.74-9.312e+04
		-1.122e+05	-77.27	-6.47e-04	0.0	440.0	26.37	-1528.43	0.88	-5211.69	-77.27-1.122e+05

105	5	6295.42	937.74	1.28e-03	0.0	0.0	14.32	-45.03	-2.36	262.49	937.74	6295.42
		-1.352e+04	-101.28	-7.08e-04	0.0	440.0	14.32	-45.03	-2.36	262.49	-101.28	-1.352e+04
105	6	3.923e+05	1.265e+04	0.01	0.0	0.0	-3350.81	1717.93	-41.37	3.975e+04	1.265e+04	-3.640e+05
		-3.640e+05	-6204.13	0.09	0.0	440.0	-3350.81	1717.93	-41.37	3.975e+04	-6204.13	3.923e+05
105	7	9.003e+04	1.400e+04	0.01	0.0	0.0	-3739.79	334.67	-47.76	2.843e+04	1.400e+04	-6.103e+04
		-6.103e+04	-8124.75	-6.08e-03	0.0	440.0	-3739.79	334.67	-47.76	2.843e+04	-8124.75	9.003e+04
105	8	2.755e+06	5387.69	0.10	0.0	0.0	2336.14	1.256e+04	25.23	-1.235e+04	-5759.61	-2.772e+06
		-2.772e+06	-5759.61	0.12	0.0	440.0	2336.14	1.256e+04	25.23	-1.235e+04	5387.69	2.755e+06
105	9	2.391e+06	5992.86	0.08	0.0	0.0	1007.57	1.088e+04	-25.92	-2.278e+04	5992.86	-2.395e+06
		-2.395e+06	-5426.23	-0.11	0.0	440.0	1007.57	1.088e+04	-25.92	-2.278e+04	-5426.23	2.391e+06
105	10	2.119e+05	7181.99	7.32e-03	0.0	0.0	-1795.83	929.71	-23.66	2.116e+04	7181.99	-1.974e+05
		-1.974e+05	-3631.26	0.05	0.0	440.0	-1795.83	929.71	-23.66	2.116e+04	-3631.26	2.119e+05
105	11	4.794e+04	7617.89	6.76e-03	0.0	0.0	-2074.20	178.12	-25.98	1.513e+04	7617.89	-3.244e+04
		-3.244e+04	-4560.10	-2.96e-03	0.0	440.0	-2074.20	178.12	-25.98	1.513e+04	-4560.10	4.794e+04
105	12	1.466e+06	2999.39	0.05	0.0	0.0	1242.46	6681.23	14.00	-7223.67	-3188.44	-1.474e+06
		-1.474e+06	-3188.44	0.07	0.0	440.0	1242.46	6681.23	14.00	-7223.67	2999.39	1.466e+06
105	13	1.282e+06	3272.78	0.04	0.0	0.0	581.55	5831.82	-14.14	-1.212e+04	3272.78	-1.284e+06
		-1.284e+06	-2958.33	-0.06	0.0	440.0	581.55	5831.82	-14.14	-1.212e+04	-2958.33	1.282e+06
105	14	1.589e+05	5458.54	5.48e-03	0.0	0.0	-1347.41	697.09	-18.01	1.586e+04	5458.54	-1.480e+05
		-1.480e+05	-2779.02	0.04	0.0	440.0	-1347.41	697.09	-18.01	1.586e+04	-2779.02	1.589e+05
105	15	3.592e+04	5737.84	5.06e-03	0.0	0.0	-1566.87	133.50	-19.56	1.133e+04	5737.84	-2.433e+04
		-2.433e+04	-3452.89	-2.17e-03	0.0	440.0	-1566.87	133.50	-19.56	1.133e+04	-3452.89	3.592e+04
105	16	1.099e+06	2253.56	0.04	0.0	0.0	932.78	5011.29	10.51	-5420.81	-2393.78	-1.106e+06
		-1.106e+06	-2393.78	0.05	0.0	440.0	932.78	5011.29	10.51	-5420.81	2253.56	1.099e+06
105	17	9.617e+05	2463.64	0.03	0.0	0.0	445.45	4375.11	-10.64	-9094.39	2463.64	-9.633e+05
		-9.633e+05	-2224.50	-0.05	0.0	440.0	445.45	4375.11	-10.64	-9094.39	-2224.50	9.617e+05
106	1	3.800e+04	280.16	-9.24e-03	-1708.31	0.0	31.82	915.97	1.43	-4461.20	-373.34	-7.359e+04
		-7.359e+04	-373.34	-1.40e-04	0.0	455.5	31.82	-792.33	1.43	-4461.20	280.16	-4.543e+04
106	2	4911.22	1063.67	-6.36e-03	-649.00	0.0	853.01	513.72	4.13	1.031e+04	-817.89	-5.072e+04
		-5.072e+04	-817.89	-6.94e-04	0.0	455.5	853.01	513.72	4.13	1.031e+04	1063.67	-6.36e-03
106	3	7313.88	262.32	-1.67e-03	-259.60	0.0	115.68	224.29	0.80	5033.03	-100.56	-1.997e+04
		-1.997e+04	-100.56	-2.49e-04	0.0	455.5	115.68	-35.31	0.80	5033.03	262.32	7313.88
106	4	1.019e+04	484.27	-2.44e-03	-389.40	0.0	205.89	334.61	1.54	7184.30	-219.24	-3.022e+04
		-3.022e+04	-219.24	-4.30e-04	0.0	455.5	205.89	-54.79	1.54	7184.30	484.27	1.019e+04
106	5	7.046e+04	996.95	-0.01	-3188.84	0.0	133.29	1606.80	3.62	-1.166e+04	-654.28	-1.139e+05
		-1.139e+05	-654.28	-9.53e-04	0.0	455.5	133.29	-1582.03	3.62	-1.166e+04	996.95	-7.046e+04
106	6	5.776e+05	7270.47	-0.02	0.0	0.0	4134.71	2376.25	-44.04	7.246e+04	7270.47	-5.083e+05
		-5.083e+05	-1.287e+04	0.10	0.0	455.5	4134.71	2376.25	-44.04	7.246e+04	-1.287e+04	5.776e+05
106	7	8.062e+05	2743.27	0.03	0.0	0.0	4678.03	3488.65	-22.93	4.990e+04	2743.27	-7.831e+05
		-7.831e+05	-7982.16	-6.16e-03	0.0	455.5	4678.03	3488.65	-22.93	4.990e+04	-7982.16	8.062e+05
106	8	2.836e+06	1.362e+04	0.14	0.0	0.0	1422.03	-1.345e+04	48.74	6.191e+04	-8784.83	2.836e+06
		-1.362e+06	-8784.83	0.12	0.0	455.5	1422.03	-1.345e+04	48.74	6.191e+04	1.362e+04	-2.836e+06
106	9	1.752e+06	5766.74	0.09	0.0	0.0	1215.91	-8348.79	21.34	3.197e+04	-4429.59	-1.752e+06
		-2.052e+06	-4429.59	-0.11	0.0	455.5	1215.91	-8348.79	21.34	3.197e+04	5766.74	-1.752e+06
106	10	3.347e+05	4160.95	-0.01	0.0	0.0	2309.38	1377.98	-25.04	3.861e+04	4160.95	-2.948e+05
		-2.948e+05	-7291.90	0.05	0.0	455.5	2309.38	1377.98	-25.04	3.861e+04	-7291.90	3.347e+05
106	11	4.062e+05	1676.60	0.01	0.0	0.0	2634.61	1855.06	-13.90	2.655e+04	1676.60	-4.164e+05
		-4.164e+05	-4788.23	-3.12e-03	0.0	455.5	2634.61	1855.06	-13.90	2.655e+04	-4788.23	4.062e+05
106	12	1.504e+06	7292.62	0.07	0.0	0.0	857.29	-7136.36	26.13	3.291e+04	7292.62	-1.747e+06
		-1.747e+06	-4748.58	0.07	0.0	455.5	857.29	-7136.36	26.13	3.291e+04	-4748.58	1.504e+06
106	13	9.590e+05	3376.61	0.05	0.0	0.0	684.18	-4569.32	12.56	1.799e+04	-2587.35	-9.590e+05
		-1.123e+06	-2587.35	-0.06	0.0	455.5	684.18	-4569.32	12.56	1.799e+04	3376.61	-1.123e+06
106	14	2.511e+05	3156.24	-0.01	0.0	0.0	1750.83	1033.92	-18.99	2.894e+04	3156.24	-2.212e+05
		-2.212e+05	-5531.53	0.04	0.0	455.5	1750.83	1033.92	-18.99	2.894e+04	-5531.53	2.511e+05
106	15	3.210e+05	1289.53	0.01	0.0	0.0	1996.01	1389.18	-10.67	1.988e+04	1289.53	-3.118e+05
		-3.118e+05	-3669.07	-2.31e-03	0.0	455.5	1996.01	1389.18	-10.67	1.988e+04	-3669.07	3.210e+05
106	16	1.128e+06	5475.01	0.05	0.0	0.0	664.94	-5352.71	19.61	2.468e+04	-3565.23	-1.128e+06
		-1.310e+06	-3565.23	0.05	0.0	455.5	664.94	-5352.71	19.61	2.468e+04	5475.01	-1.310e+06
106	17	7.195e+05	2538.65	0.04	0.0	0.0	522.70	-3428.16	9.46	1.350e+04	-1954.33	-7.195e+05
		-8.422e+05	-1954.33	-0.05	0.0	455.5	522.70	-3428.16	9.46	1.350e+04	2538.65	-8.422e+05
107	1	1.997e+04	332.61	4.75e-03	-1331.25	0.0	20.74	546.63	-1.69	-1116.50	332.61	-1.970e+04
		-6.194e+04	-268.34	-1.14e-04	0.0	355.0	20.74	-784.62	-1.69	-1116.50	-268.34	6.194e+04
107	2	1.433e+05	-19.30	-0.01	-7256.43	0.0	239.59	2917.43	0.07	425.57	-44.51	-6.856e+04
		-3.078e+05	-44.51	-7.67e-04	0.0	355.0	239.59	-4339.00	0.07	425.57	1.433e+05	-3.078e+05
107	3	5.950e+04	221.93	-7.77e-03	-2902.57	0.0	17.32	1258.36	-1.44	-147.55	221.93	-3.945e+04
		-1.027e+05	-288.74	1.86e-04	0.0	355.0	17.32	-1644.22	-1.44	-147.55	-288.74	1.027e+05
107	4	8.931e+04	300.83	-0.01	-4353.86	0.0	27.67	1875.44	-1.97	-145.95	300.83	-5.723e+04
		-1.564e+05	-397.02	2.42e-04	0.0	355.0	27.67	-2478.42	-1.97	-145.95	-397.02	1.564e+05
107	5	-1069.11	-59.32	4.42e-03	0.0	0.0	97.16	51.87	0.11	-1531.95	-59.32	-1069.11
		-1.948e+04	-97.23	9.97e-05	0.0	355.0	97.16	51.87	0.11	-1531.95	-97.23	1.948e+04
107	6	7.179e+05	3.283e+04	0.09	0.0	0.0	4141.62	6765.92	-215.38	-7043.78	3.283e+04	-1.686e+06
		-1.686e+06	-4.370e+04	0.13	0.0	355.0	4141.62	6765.92	-215.38	-7043.78	-4.370e+04	1.686e+06
107	7	8.821e+05	1.952e+04	0.11	0.0	0.0	5127.20	8279.90	101.04	-1.007e+04	1.952e+04	-8.821e+05
		-2.059e+06	-1.635e+04	-0.02	0.0	355.0	5127.20	8279.90	101.04	-1.007e+04	-1.635e+04	2.059e+06
107	8	1.899e+05	2.497e+05	0.02	0.0	0.0	1247.39	1779.23	-1553.58	1.005e+05	2.497e+05	-1.899e+05
		-4.425e+05	-3.019e+05	0.03	0.0	355.0	1247.39	1779.23	-1553.58	1.005e+05	-3.019e+05	4.425e+05

107	9	2.471e+05	3.390e+05	0.03	0.0	0.0	1272.40	2206.67	-2115.11	1.281e+05	3.390e+05	-5.366e+05
		-5.366e+05	-4.119e+05	-0.10	0.0	355.0	1272.40	2206.67	-2115.11	1.281e+05	-4.119e+05	2.471e+05
107	10	3.852e+05	1.893e+04	0.05	0.0	0.0	2230.97	3622.80	-123.51	-4026.15	1.893e+04	-9.021e+05
		-9.021e+05	-2.496e+04	0.07	0.0	355.0	2230.97	3622.80	-123.51	-4026.15	-2.496e+04	3.852e+05
107	11	4.706e+05	1.169e+04	0.06	0.0	0.0	2745.78	4407.87	60.43	-5460.70	1.169e+04	-1.096e+06
		-1.096e+06	-9768.01	-8.18e-03	0.0	355.0	2745.78	4407.87	60.43	-5460.70	1.169e+04	4.706e+05
107	12	1.066e+05	1.471e+05	0.01	0.0	0.0	728.78	993.52	-915.96	5.805e+04	1.471e+05	-2.466e+05
		-2.466e+05	-1.781e+05	0.02	0.0	355.0	728.78	993.52	-915.96	5.805e+04	-1.781e+05	1.066e+05
107	13	3.526e+05	2.004e+05	0.02	0.0	0.0	692.27	1186.48	-1250.17	7.475e+04	2.004e+05	-2.886e+05
		-2.886e+05	-2.435e+05	-0.03	0.0	355.0	692.27	1186.48	-1250.17	7.475e+04	-2.435e+05	1.328e+05
107	14	2.890e+05	1.444e+04	0.04	0.0	0.0	1675.82	2716.47	-94.06	-3063.84	1.444e+04	-6.764e+05
		-6.764e+05	-1.899e+04	0.05	0.0	355.0	1675.82	2716.47	-94.06	-3063.84	-1.899e+04	2.890e+05
107	15	3.526e+05	8979.12	0.05	0.0	0.0	2059.35	3301.25	46.42	-4108.55	-7502.45	-8.206e+05
		-8.206e+05	-7502.45	-6.08e-03	0.0	355.0	2059.35	3301.25	46.42	-4108.55	8979.12	3.526e+05
107	16	8.008e+04	1.127e+05	9.76e-03	0.0	0.0	557.48	745.59	-702.02	4.433e+04	1.127e+05	-1.850e+05
		-1.850e+05	-1.365e+05	0.02	0.0	355.0	557.48	745.59	-702.02	4.433e+04	-1.365e+05	8.008e+04
107	17	9.965e+04	1.538e+05	0.01	0.0	0.0	520.92	890.27	-959.80	5.719e+04	1.538e+05	-2.166e+05
		-2.166e+05	-1.869e+05	-0.02	0.0	355.0	520.92	890.27	-959.80	5.719e+04	-1.869e+05	9.965e+04
108	1	2.145e+04	399.17	-6.63e-03	-1331.25	0.0	21.52	792.50	1.98	-550.43	-304.88	-6.209e+04
		-6.209e+04	-304.88	-3.79e-04	0.0	355.0	21.52	-538.75	1.98	-550.43	399.17	-1.704e+04
108	2	1.353e+05	757.18	-0.02	-7256.43	0.0	273.99	4279.16	2.53	595.32	-141.68	-3.039e+05
		-3.039e+05	-141.68	-5.50e-04	0.0	355.0	273.99	-2977.27	2.53	595.32	757.18	-8.590e+04
108	3	5.296e+04	345.80	-5.13e-03	-2902.57	0.0	38.91	1596.28	1.80	430.89	-294.33	-9.969e+04
		-9.969e+04	-294.33	-1.93e-04	0.0	355.0	38.91	-1306.29	1.80	430.89	345.80	-5.344e+04
108	4	7.938e+04	477.35	-8.02e-03	-4353.86	0.0	60.21	2405.87	2.49	649.18	-407.34	-1.519e+05
		-1.519e+05	-407.34	-2.84e-04	0.0	355.0	60.21	-1947.99	2.49	649.18	477.35	-7.844e+04
108	5	-1128.63	33.19	-2.29e-03	0.0	0.0	97.20	-15.98	0.28	-1511.01	-64.75	-1128.63
		-6800.04	-64.75	-9.65e-05	0.0	355.0	97.20	-15.98	0.28	-1511.01	33.19	-6800.04
108	6	1.805e+06	3.390e+04	-0.10	0.0	0.0	-5692.58	7280.12	194.27	-1.611e+04	-3.532e+04	-7.807e+05
		-7.807e+05	-3.532e+04	0.05	0.0	355.0	-5692.58	7280.12	194.27	-1.611e+04	3.390e+04	1.805e+06
108	7	2.141e+06	1.927e+04	-0.11	0.0	0.0	-6450.66	8634.81	-107.84	-1.068e+04	1.927e+04	-9.265e+05
		-9.265e+05	-1.925e+04	-4.07e-03	0.0	355.0	-6450.66	8634.81	-107.84	-1.068e+04	-1.925e+04	2.141e+06
108	8	2.725e+05	2.661e+05	0.03	0.0	0.0	1901.67	-2495.53	1610.67	-8.839e+04	-3.057e+05	2.725e+05
		-3.057e+05	-3.057e+05	0.09	0.0	355.0	1901.67	-2495.53	1610.67	-8.839e+04	2.661e+05	-6.138e+05
108	9	1.187e+05	3.605e+05	0.02	0.0	0.0	1068.46	-1099.20	2172.54	-1.170e+05	-4.108e+05	1.187e+05
		-4.108e+05	-4.108e+05	-0.06	0.0	355.0	1068.46	-1099.20	2172.54	-1.170e+05	3.605e+05	-2.722e+05
108	10	9.648e+05	1.928e+04	-0.05	0.0	0.0	-3043.48	3892.48	111.60	-9233.66	-2.048e+04	-4.181e+05
		-4.181e+05	-2.048e+04	0.03	0.0	355.0	-3043.48	3892.48	111.60	-9233.66	1.928e+04	9.648e+05
108	11	1.139e+06	1.160e+04	-0.06	0.0	0.0	-3459.24	4596.77	-65.24	-5755.42	1.160e+04	-4.941e+05
		-4.941e+05	-1.169e+04	-2.52e-03	0.0	355.0	-3459.24	4596.77	-65.24	-5755.42	-1.169e+04	1.139e+06
108	12	1.461e+05	1.569e+05	0.02	0.0	0.0	1021.44	-1336.64	948.83	-5.232e+04	-1.800e+05	1.461e+05
		-1.800e+05	-1.800e+05	0.03	0.0	355.0	1021.44	-1336.64	948.83	-5.232e+04	1.569e+05	-3.287e+05
108	13	6.853e+04	2.133e+05	9.47e-03	0.0	0.0	614.61	-632.79	1285.70	-6.945e+04	-2.431e+05	6.853e+04
		-2.431e+05	-2.431e+05	-0.05	0.0	355.0	614.61	-632.79	1285.70	-6.945e+04	2.133e+05	-1.565e+05
108	14	7.233e+05	1.468e+04	-0.04	0.0	0.0	-2281.78	2918.61	85.14	-6948.46	-1.566e+04	-3.136e+05
		-3.136e+05	-1.566e+04	0.02	0.0	355.0	-2281.78	2918.61	85.14	-6948.46	1.468e+04	7.233e+05
108	15	8.530e+05	8919.97	-0.05	0.0	0.0	-2594.61	3442.73	-50.16	-4324.31	8919.97	-3.702e+05
		-3.702e+05	-8986.88	-1.94e-03	0.0	355.0	-2594.61	3442.73	-50.16	-4324.31	-8986.88	8.530e+05
108	16	1.096e+05	1.202e+05	0.01	0.0	0.0	766.75	-1002.89	727.19	-4.012e+04	-1.379e+05	1.096e+05
		-1.379e+05	-1.379e+05	0.02	0.0	355.0	766.75	-1002.89	727.19	-4.012e+04	1.202e+05	-2.466e+05
108	17	5.149e+04	1.638e+05	7.11e-03	0.0	0.0	468.45	-474.98	987.27	-5.330e+04	-1.867e+05	5.149e+04
		-1.867e+05	-1.867e+05	-0.04	0.0	355.0	468.45	-474.98	987.27	-5.330e+04	1.638e+05	-9.175e+05
109	1	2.205e+04	9.69	6.61e-03	-1331.25	0.0	-5.84	531.82	0.13	492.90	-37.40	-1.551e+04
		-1.551e+04	-37.40	1.15e-04	0.0	355.0	-5.84	-799.43	0.13	492.90	9.69	-6.302e+04
109	2	7.122e+04	245.38	0.02	-3349.77	0.0	174.06	1126.59	0.85	-484.98	-56.96	751.48
		-56.96	-56.96	2.89e-04	0.0	355.0	174.06	-2223.18	0.85	-484.98	245.38	-1.809e+05
109	3	2.586e+04	162.01	-2.91e-03	-1339.91	0.0	28.39	566.90	-0.69	-410.07	162.01	-1.877e+04
		-1.877e+04	-1.877e+04	5.00e-05	0.0	355.0	28.39	-773.01	-0.69	-410.07	-1.877e+04	2.586e+04
109	4	3.873e+04	180.59	-3.99e-03	-2009.86	0.0	44.59	838.66	-0.76	-618.09	180.59	-2.640e+04
		-2.640e+04	-2.640e+04	6.61e-05	0.0	355.0	44.59	-1171.20	-0.76	-618.09	-2.640e+04	3.873e+04
109	5	-1731.70	64.36	2.28e-03	0.0	0.0	99.91	11.61	0.58	1406.08	-142.52	-5853.64
		-5853.64	-142.52	-1.49e-04	0.0	355.0	99.91	11.61	0.58	1406.08	64.36	-1731.70
109	6	7.867e+05	4522.90	0.10	0.0	0.0	2559.17	7320.91	22.67	2.435e+04	-6070.18	-1.814e+06
		-1.814e+06	-6070.18	0.09	0.0	355.0	2559.17	7320.91	22.67	2.435e+04	4522.90	7.867e+05
109	7	9.321e+05	3343.56	0.12	0.0	0.0	3060.03	8668.95	31.81	-1.059e+04	-8045.67	-2.147e+06
		-2.147e+06	-8045.67	-0.05	0.0	355.0	3060.03	8668.95	31.81	-1.059e+04	3343.56	9.321e+05
109	8	1.630e+05	3556.97	0.02	0.0	0.0	-1201.02	1512.76	-24.66	6.806e+04	3556.97	-3.748e+05
		-3.748e+05	-3.748e+05	0.08	0.0	355.0	-1201.02	1512.76	-24.66	6.806e+04	-3.748e+05	1.630e+05
109	9	2.248e+05	7435.28	0.03	0.0	0.0	794.39	2042.98	26.01	3.235e+04	-1972.25	-5.007e+05
		-5.007e+05	-1972.25	-0.05	0.0	355.0	794.39	2042.98	26.01	3.235e+04	7435.28	2.248e+05
109	10	4.214e+05	2610.31	0.05	0.0	0.0	1378.34	3914.18	13.37	1.363e+04	-3404.91	-9.693e+05
		-9.693e+05	-3404.91	0.05	0.0	355.0	1378.34	3914.18	13.37	1.363e+04	2610.31	4.214e+05
109	11	4.971e+05	1881.70	0.06	0.0	0.0	1669.77	4615.06	18.23	-5649.46	-4646.08	-1.143e+06
		-1.143e+06	-4646.08	-0.03	0.0	355.0	1669.77	4615.06	18.23	-5649.46	1881.70	4.971e+05
109	12	9.178e+04	2179.77	0.01	0.0	0.0	-653.27	848.73	-14.64	3.693e+04	2179.77	-2.100e+05
		-2.100e+05	-3475.30	0.04	0.0	355.0	-653.27	848.73	-14.64	3.693e+04	-3475.30	9.178e+04

109	13	1.204e+05	3996.41	0.01	0.0	0.0	446.28	1094.37	13.95	1.887e+04	-1067.98	-2.682e+05
		-2.682e+05	-1067.98	-0.02	0.0	355.0	446.28	1094.37	13.95	1.887e+04	3996.41	1.204e+05
109	14	3.161e+05	1965.86	0.04	0.0	0.0	1034.60	2934.88	10.11	1.025e+04	-2570.29	-7.267e+05
		-7.267e+05	-2570.29	0.04	0.0	355.0	1034.60	2934.88	10.11	1.025e+04	1965.86	3.161e+05
109	15	3.725e+05	1425.72	0.05	0.0	0.0	1257.01	3456.43	13.86	-4235.22	-3537.45	-8.556e+05
		-8.556e+05	-3537.45	-0.02	0.0	355.0	1257.01	3456.43	13.86	-4235.22	1425.72	3.725e+05
109	16	6.896e+04	1685.62	7.97e-03	0.0	0.0	-492.33	636.99	-11.19	2.786e+04	1685.62	-1.576e+05
		-1.576e+05	-2631.78	0.03	0.0	355.0	-492.33	636.99	-11.19	2.786e+04	-2631.78	6.896e+04
109	17	9.041e+04	3000.27	0.01	0.0	0.0	338.59	821.18	10.48	1.431e+04	-806.22	-2.013e+05
		-2.013e+05	-806.22	-0.02	0.0	355.0	338.59	821.18	10.48	1.431e+04	3000.27	9.041e+04
110	1	1.966e+04	61.69	-4.94e-03	-1331.25	0.0	17.21	779.33	0.10	1167.49	25.19	-6.120e+04
		-6.120e+04	25.19	1.73e-04	0.0	355.0	17.21	-551.92	0.10	1167.49	61.69	-2.083e+04
110	2	6.347e+04	329.02	-0.01	-3349.77	0.0	364.48	2134.25	-2.78	-712.20	329.02	-1.689e+05
		-1.689e+05	-656.89	5.66e-04	0.0	355.0	364.48	-1215.52	-2.78	-712.20	-656.89	-1.883e+04
110	3	2.655e+04	-74.45	-2.63e-03	-1339.91	0.0	77.55	762.67	-3.26e-03	74.20	-74.45	-4.742e+04
		-4.742e+04	-75.61	-9.10e-05	0.0	355.0	77.55	-577.23	-3.26e-03	74.20	-75.61	-1.968e+04
110	4	3.991e+04	-77.75	-4.21e-03	-2009.86	0.0	120.09	1155.90	-0.20	35.37	-77.75	-7.342e+04
		-7.342e+04	-147.32	-1.19e-04	0.0	355.0	120.09	-853.96	-0.20	35.37	-147.32	-1.740e+04
110	5	-707.26	41.01	-4.38e-03	0.0	0.0	129.34	-54.02	-0.72	1637.35	41.01	-707.26
		-1.989e+04	-213.29	-2.36e-04	0.0	355.0	129.34	-54.02	-0.72	1637.35	-213.29	-1.989e+04
110	6	1.680e+06	7343.65	-0.09	0.0	0.0	-2440.17	6745.13	-24.01	-1.603e+04	7343.65	-7.166e+05
		-7.166e+05	1746.18	0.09	0.0	355.0	-2440.17	6745.13	-24.01	-1.603e+04	1746.18	-1.680e+06
110	7	2.055e+06	2015.36	-0.11	0.0	0.0	-2917.67	8270.86	7.91	-9906.89	2015.36	-8.830e+05
		-8.830e+05	1334.61	-5.79e-03	0.0	355.0	-2917.67	8270.86	7.91	-9906.89	1334.61	-2.055e+06
110	8	3.023e+05	9961.00	0.03	0.0	0.0	961.90	-2693.07	-47.26	-9.577e+04	9961.00	3.023e+05
		-6.542e+05	-7135.97	0.09	0.0	355.0	961.90	-2693.07	-47.26	-9.577e+04	-7135.97	-6.542e+05
110	9	1.426e+05	5344.30	0.02	0.0	0.0	-494.27	-1326.08	-22.19	-8.988e+04	5344.30	1.426e+05
		-3.291e+05	-4306.33	-0.04	0.0	355.0	-494.27	-1326.08	-22.19	-8.988e+04	-4306.33	-3.291e+05
110	10	8.989e+05	3983.47	-0.05	0.0	0.0	-1326.21	3611.82	-13.17	-8743.48	3983.47	-3.846e+05
		-3.846e+05	1015.98	0.05	0.0	355.0	-1326.21	3611.82	-13.17	-8743.48	1015.98	-8.989e+05
110	11	1.094e+06	1160.89	-0.06	0.0	0.0	-1572.53	4403.15	4.75	-5279.47	1160.89	-1.094e+06
		-4.710e+05	811.46	-3.17e-03	0.0	355.0	-1572.53	4403.15	4.75	-5279.47	811.46	-4.710e+05
110	12	1.624e+05	5374.34	0.02	0.0	0.0	525.90	-1447.24	-25.25	-5.156e+04	5374.34	1.624e+05
		-3.517e+05	-3800.53	0.05	0.0	355.0	525.90	-1447.24	-25.25	-5.156e+04	-3800.53	-3.517e+05
110	13	8.175e+04	3094.15	0.01	0.0	0.0	-278.71	-755.12	-13.14	-4.829e+04	3094.15	-1.868e+05
		-1.868e+05	-2452.33	-0.02	0.0	355.0	-278.71	-755.12	-13.14	-4.829e+04	-2452.33	-1.868e+05
110	14	6.740e+05	2987.89	-0.04	0.0	0.0	-998.45	2708.26	-9.89	-6591.19	2987.89	-2.885e+05
		-2.885e+05	772.13	0.04	0.0	355.0	-998.45	2708.26	-9.89	-6591.19	772.13	-6.740e+05
110	15	8.190e+05	882.69	-0.04	0.0	0.0	-1180.82	3297.75	3.64	-3955.39	882.69	-8.190e+05
		-3.529e+05	622.26	-2.41e-03	0.0	355.0	-1180.82	3297.75	3.64	-3955.39	622.26	-3.529e+05
110	16	1.219e+05	4031.70	0.01	0.0	0.0	396.07	-1085.88	-18.94	-3.880e+04	4031.70	-1.219e+05
		-2.638e+05	-2854.12	0.04	0.0	355.0	396.07	-1085.88	-18.94	-3.880e+04	-2854.12	-2.638e+05
110	17	6.140e+04	2329.94	7.76e-03	0.0	0.0	-211.15	-566.75	-9.95	-3.630e+04	2329.94	-6.140e+04
		-1.402e+05	-1863.16	-0.01	0.0	355.0	-211.15	-566.75	-9.95	-3.630e+04	-1863.16	-1.402e+05
111	1	4.169e+04	655.15	-3.18e-03	-776.25	0.0	125.26	825.83	-8.60	1297.46	655.15	-4.891e+04
		-4.891e+04	-1124.74	5.36e-05	0.0	207.0	125.26	49.58	-8.60	1297.46	-1124.74	4.169e+04
111	2	4.467e+04	2543.34	-1.66e-03	-2448.86	0.0	332.12	1924.69	-36.20	-6548.31	2543.34	-1.036e+05
		-1.036e+05	-4949.54	4.15e-04	0.0	207.0	332.12	-524.18	-36.20	-6548.31	-4949.54	1.036e+05
111	3	1.529e+04	356.05	-1.14e-03	-979.55	0.0	-1.25	850.15	-4.84	1428.72	356.05	-5.747e+04
		-5.747e+04	-646.03	6.79e-05	0.0	207.0	-1.25	-129.40	-4.84	1428.72	-646.03	1.529e+04
111	4	2.311e+04	618.56	-1.64e-03	-1469.32	0.0	8.91	1269.22	-8.13	1701.56	618.56	-8.494e+04
		-8.494e+04	-1063.33	1.05e-04	0.0	207.0	8.91	-200.10	-8.13	1701.56	-1063.33	2.311e+04
111	5	6.109e+04	310.58	-6.21e-03	0.0	0.0	-8.01	495.72	-2.89	8212.81	310.58	-4.152e+04
		-4.152e+04	-287.84	2.06e-05	0.0	207.0	-8.01	495.72	-2.89	8212.81	-287.84	6.109e+04
111	6	1.396e+05	1.583e+04	-0.02	0.0	0.0	694.32	3291.58	-173.84	2.366e+05	1.583e+04	-5.437e+05
		-5.437e+05	-2.450e+04	0.04	0.0	207.0	694.32	3291.58	-173.84	2.366e+05	-2.450e+04	1.396e+05
111	7	1.937e+05	2.222e+04	-0.03	0.0	0.0	915.72	5075.09	-353.94	2.690e+05	2.222e+04	-8.574e+05
		-8.574e+05	-5.222e+04	-2.72e-03	0.0	207.0	915.72	5075.09	-353.94	2.690e+05	-5.222e+04	1.937e+05
111	8	2.599e+05	1.175e+05	0.06	0.0	0.0	-1576.96	1.241e+04	-734.79	-1.387e+05	1.175e+05	-2.310e+06
		-2.310e+06	-3.842e+04	0.06	0.0	207.0	-1576.96	1.241e+04	-734.79	-1.387e+05	-3.842e+04	2.599e+05
111	9	3.737e+05	1.600e+05	0.08	0.0	0.0	-1604.73	1.654e+04	-1023.00	-8.698e+04	1.600e+05	-3.051e+06
		-3.051e+06	-5.222e+04	-0.05	0.0	207.0	-1604.73	1.654e+04	-1023.00	-8.698e+04	-5.222e+04	3.737e+05
111	10	7.600e+04	9320.73	-0.01	0.0	0.0	380.60	1810.21	-103.85	1.264e+05	9320.73	-2.999e+05
		-2.999e+05	-1.473e+04	0.02	0.0	207.0	380.60	1810.21	-103.85	1.264e+05	-1.473e+04	7.600e+04
111	11	1.032e+05	1.361e+04	-0.02	0.0	0.0	542.81	2700.45	-216.12	1.432e+05	1.361e+04	-4.561e+05
		-4.561e+05	-3.181e+04	-1.55e-03	0.0	207.0	542.81	2700.45	-216.12	1.432e+05	-3.181e+04	1.032e+05
111	12	1.414e+05	6.915e+04	0.03	0.0	0.0	-852.17	6717.27	-433.86	-7.359e+04	6.915e+04	-1.249e+06
		-1.249e+06	-2.297e+04	0.03	0.0	207.0	-852.17	6717.27	-433.86	-7.359e+04	-2.297e+04	1.414e+05
111	13	1.982e+05	9.483e+04	0.04	0.0	0.0	-869.95	8783.62	-606.77	-4.731e+04	9.483e+04	-1.620e+06
		-1.620e+06	-3.106e+04	-0.03	0.0	207.0	-869.95	8783.62	-606.77	-4.731e+04	-3.106e+04	1.982e+05
111	14	5.701e+04	7168.93	-8.71e-03	0.0	0.0	287.80	1357.58	-79.70	9.477e+04	7168.93	-2.249e+05
		-2.249e+05	-1.128e+04	0.02	0.0	207.0	287.80	1357.58	-79.70	9.477e+04	-1.128e+04	5.701e+04
111	15	7.732e+04	1.046e+04	-0.01	0.0	0.0	414.57	2022.24	-165.98	1.073e+05	1.046e+04	-3.415e+05
		-3.415e+05	-2.443e+04	-1.18e-03	0.0	207.0	414.57	2022.24	-165.98	1.073e+05	-2.443e+04	7.732e+04
111	16	1.061e+05	5.299e+04	0.03	0.0	0.0	-641.04	5038.65	-332.67	-5.520e+04	5.299e+04	-9.372e+05
		-9.372e+05	-1.769e+04	0.02	0.0	207.0	-641.04	5038.65	-332.67	-5.520e+04	-1.769e+04	1.061e+05

111	17	1.487e+05	7.285e+04	0.03	0.0	0.0	-655.95	6589.38	-466.31	-3.549e+04	7.285e+04	-1.215e+06
		-1.215e+06	-2.390e+04	-0.02	0.0	207.0	-655.95	6589.38	-466.31	-3.549e+04	-2.390e+04	1.487e+05
112	1	5280.85	134.12	-5.03e-04	-750.00	0.0	93.61	629.07	-2.09	-143.02	134.12	-4.743e+04
		-4.743e+04	-284.38	2.01e-04	0.0	200.0	93.61	-120.93	-2.09	-143.02	-284.38	3382.85
112	2	1.002e+04	1123.18	7.05e-03	-4232.50	0.0	195.68	3316.72	-17.57	-1030.83	1123.18	-2.419e+05
		-2.419e+05	-2391.49	1.79e-03	0.0	200.0	195.68	-915.78	-17.57	-1030.83	-2391.49	-1.071e+04
112	3	3490.24	389.65	2.93e-03	-1693.00	0.0	19.81	1320.72	-6.17	-365.38	389.65	-9.638e+04
		-9.638e+04	-845.28	6.16e-04	0.0	200.0	19.81	-372.28	-6.17	-365.38	-845.28	-5099.70
112	4	5298.46	594.25	4.38e-03	-2539.50	0.0	33.70	1981.90	-9.41	-557.56	594.25	-1.446e+05
		-1.446e+05	-1288.51	9.41e-04	0.0	200.0	33.70	-557.60	-9.41	-557.56	-1288.51	-7545.53
112	5	8727.20	58.10	-3.11e-03	0.0	0.0	-39.06	95.93	-1.04	-90.49	58.10	-1.046e+04
		-1.046e+04	-150.48	7.34e-05	0.0	200.0	-39.06	95.93	-1.04	-90.49	-150.48	8727.20
112	6	4.496e+04	-3.235e+05	6.49e-04	0.0	0.0	779.35	409.94	3415.54	2.855e+05	-3.235e+05	-3.703e+04
		-3.703e+04	-4.284e+05	0.05	0.0	200.0	779.35	409.94	3415.54	2.855e+05	-4.284e+05	4.496e+04
112	7	2.868e+04	-6.037e+05	4.13e-04	0.0	0.0	408.07	261.19	-6312.56	3.418e+05	-6.037e+05	-2.356e+04
		-2.356e+04	-7.139e+05	0.08	0.0	200.0	408.07	261.19	-6312.56	3.418e+05	-7.139e+05	2.868e+04
112	8	1.026e+06	1.429e+05	0.01	0.0	0.0	-1.695e+04	9363.20	-1463.97	-5.418e+04	1.429e+05	-8.465e+05
		-8.465e+05	-1.505e+05	0.10	0.0	200.0	-1.695e+04	9363.20	-1463.97	-5.418e+04	-1.505e+05	1.026e+06
112	9	1.053e+06	1.017e+05	0.02	0.0	0.0	-1.822e+04	9606.67	982.02	3.977e+04	-9.501e+04	-8.685e+05
		-8.685e+05	-9.501e+04	-0.09	0.0	200.0	-1.822e+04	9606.67	982.02	3.977e+04	1.017e+05	1.053e+06
112	10	2.407e+04	1.923e+05	3.48e-04	0.0	0.0	441.51	219.48	1993.28	1.659e+05	-1.923e+05	-1.982e+04
		-1.982e+04	-2.478e+05	0.04	0.0	200.0	441.51	219.48	1993.28	1.659e+05	-2.478e+05	2.407e+04
112	11	1.529e+04	-3.613e+05	2.20e-04	0.0	0.0	223.02	139.27	-3754.33	1.982e+05	-3.613e+05	-1.256e+04
		-1.256e+04	-4.220e+05	0.06	0.0	200.0	223.02	139.27	-3754.33	1.982e+05	-4.220e+05	1.529e+04
112	12	5.490e+05	8.675e+04	7.88e-03	0.0	0.0	-9190.64	5009.10	-884.58	-3.113e+04	8.675e+04	-4.529e+05
		-4.529e+05	-9.046e+04	0.05	0.0	200.0	-9190.64	5009.10	-884.58	-3.113e+04	-9.046e+04	5.490e+05
112	13	5.628e+05	6.041e+04	8.08e-03	0.0	0.0	-9956.40	5134.81	586.03	2.263e+04	-5.698e+04	-4.642e+05
		-4.642e+05	-5.698e+04	-0.05	0.0	200.0	-9956.40	5134.81	586.03	2.263e+04	6.041e+04	5.628e+05
112	14	1.810e+04	-1.472e+05	2.62e-04	0.0	0.0	338.10	164.98	1521.81	1.250e+05	-1.472e+05	-1.490e+04
		-1.490e+04	-1.880e+05	0.03	0.0	200.0	338.10	164.98	1521.81	1.250e+05	-1.880e+05	1.810e+04
112	15	1.147e+04	-2.772e+05	1.65e-04	0.0	0.0	168.90	104.43	-2876.91	1.513e+05	-2.772e+05	-9420.38
		-9420.38	-3.230e+05	0.05	0.0	200.0	168.90	104.43	-2876.91	1.513e+05	-3.230e+05	1.147e+04
112	16	4.120e+05	6.738e+04	5.91e-03	0.0	0.0	-6928.05	3759.27	-686.26	-2.375e+04	6.738e+04	-3.399e+05
		-3.399e+05	-7.009e+04	0.04	0.0	200.0	-6928.05	3759.27	-686.26	-2.375e+04	-7.009e+04	4.120e+05
112	17	4.225e+05	4.674e+04	6.07e-03	0.0	0.0	-7532.92	3855.16	454.02	1.720e+04	-4.419e+04	-3.485e+05
		-3.485e+05	-4.419e+04	-0.03	0.0	200.0	-7532.92	3855.16	454.02	1.720e+04	4.674e+04	4.225e+05
113	1	4.186e+04	226.39	2.94e-03	-776.25	0.0	142.89	-51.81	2.18	-1533.19	-225.29	4.186e+04
		-4.921e+04	-225.29	3.97e-05	0.0	207.0	142.89	-828.06	2.18	-1533.19	226.39	-4.921e+04
113	2	4.911e+04	694.55	1.30e-03	-2449.02	0.0	412.92	530.22	7.24	1.242e+04	-804.40	-3.485e+05
		-9.828e+04	-804.40	1.88e-05	0.0	207.0	412.92	-1918.80	7.24	1.242e+04	694.55	-9.828e+04
113	3	1.695e+04	71.71	1.53e-03	-979.61	0.0	-5.66	130.69	-0.75	937.52	71.71	1.499e+04
		-5.559e+04	-83.53	-3.81e-05	0.0	207.0	-5.66	-848.92	-0.75	937.52	-83.53	-5.559e+04
113	4	2.561e+04	73.31	2.21e-03	-1469.41	0.0	4.96	202.14	-0.56	1841.86	73.31	2.252e+04
		-8.209e+04	-41.94	-5.80e-05	0.0	207.0	4.96	-1267.27	-0.56	1841.86	-41.94	-8.209e+04
113	5	6.118e+04	298.97	6.22e-03	0.0	0.0	7.47	-495.38	2.07	-8373.29	-129.76	6.118e+04
		-4.136e+04	-129.76	-1.08e-04	0.0	207.0	7.47	-495.38	2.07	-8373.29	298.97	-4.136e+04
113	6	4.729e+05	2.852e+04	-0.03	0.0	0.0	-1036.86	2881.78	-212.94	2.414e+05	2.852e+04	-1.289e+05
		-1.289e+05	1.663e+04	0.04	0.0	207.0	-1036.86	2881.78	-212.94	2.414e+05	1.663e+04	4.729e+05
113	7	7.717e+05	5.081e+04	-0.04	0.0	0.0	-1584.82	4614.34	-328.94	2.727e+05	5.081e+04	-1.838e+05
		-1.838e+05	1.806e+04	-9.34e-03	0.0	207.0	-1584.82	4614.34	-328.94	2.727e+05	1.806e+04	7.717e+05
113	8	3.788e+05	1.272e+04	0.08	0.0	0.0	-985.35	-1.665e+04	-94.21	7.913e+04	1.272e+04	3.788e+05
		-3.069e+06	-7562.00	0.06	0.0	207.0	-985.35	-1.665e+04	-94.21	7.913e+04	-7562.00	-3.069e+06
113	9	2.758e+05	-8304.45	0.06	0.0	0.0	-1560.07	-1.310e+04	79.75	1.292e+05	-9323.75	2.758e+05
		-2.437e+06	-9323.75	-0.05	0.0	207.0	-1560.07	-1.310e+04	79.75	1.292e+05	-8304.45	-2.437e+06
113	10	2.632e+05	1.679e+04	-0.02	0.0	0.0	-576.40	1597.41	-123.44	1.290e+05	1.679e+04	-7.038e+04
		-7.038e+04	9348.83	0.02	0.0	207.0	-576.40	1597.41	-123.44	1.290e+05	9348.83	2.632e+05
113	11	4.105e+05	3.062e+04	-0.02	0.0	0.0	-860.99	2455.33	-197.70	1.452e+05	3.062e+04	-9.798e+04
		-9.798e+04	1.071e+04	-5.30e-03	0.0	207.0	-860.99	2455.33	-197.70	1.452e+05	1.071e+04	4.105e+05
113	12	2.010e+05	7803.29	0.04	0.0	0.0	-556.81	-8846.08	-57.58	4.347e+04	7803.29	2.010e+05
		-1.630e+06	-4554.66	0.03	0.0	207.0	-556.81	-8846.08	-57.58	4.347e+04	-4554.66	-1.630e+06
113	13	1.491e+05	-4799.71	0.03	0.0	0.0	-852.72	-7052.70	47.87	6.854e+04	-5673.30	1.491e+05
		-1.311e+06	-5673.30	-0.03	0.0	207.0	-852.72	-7052.70	47.87	6.854e+04	-4799.71	-1.311e+06
113	14	1.974e+05	1.275e+04	-0.01	0.0	0.0	-435.09	1198.24	-93.53	9.669e+04	1.275e+04	-5.280e+04
		-5.280e+04	7058.87	0.01	0.0	207.0	-435.09	1198.24	-93.53	9.669e+04	7058.87	1.974e+05
113	15	3.075e+05	2.350e+04	-0.01	0.0	0.0	-647.49	1838.95	-151.64	1.087e+05	2.350e+04	-7.341e+04
		-7.341e+04	8186.86	-4.02e-03	0.0	207.0	-647.49	1838.95	-151.64	1.087e+05	8186.86	3.075e+05
113	16	1.508e+05	6087.69	0.03	0.0	0.0	-419.51	-6635.08	-44.85	3.260e+04	6087.69	1.508e+05
		-1.223e+06	-3519.23	0.02	0.0	207.0	-419.51	-6635.08	-44.85	3.260e+04	-3519.23	-1.223e+06
113	17	1.118e+05	-3689.55	0.02	0.0	0.0	-645.85	-5291.00	37.21	5.142e+04	-4425.46	1.118e+05
		-9.836e+05	-4425.46	-0.02	0.0	207.0	-645.85	-5291.00	37.21	5.142e+04	-3689.55	-9.836e+05
114	1	1.698e+04	186.36	-2.33e-03	-1319.88	0.0	-18.25	639.65	-0.61	4039.82	186.36	-3.751e+04
		-4.466e+04	-28.22	-4.38e-04	0.0	352.0	-18.25	-680.23	-0.61	4039.82	-28.22	-4.466e+04
114	2	1.409e+04	257.14	-1.32e-03	-401.26	0.0	165.71	-19.66	0.31	8576.81	257.14	-1.409e+04
		-3.990e+04	148.82	-1.10e-03	0.0	352.0	165.71	-420.92	0.31	8576.81	148.82	-3.990e+04
114	3	6375.08	144.83	5.17e-04	-160.50	0.0	-32.07	-32.24	0.55	3726.48	-50.09	6375.08
		-2.380e+04	-50.09	-6.84e-05	0.0	352.0	-32.07	-192.74	0.55	3726.48	144.83	-2.380e+04

114	4	9778.79	222.49	6.91e-04	-240.75	0.0	-35.82	-46.67	0.85	5506.68	-76.95	9778.79
		-3.489e+04	-76.95	-1.24e-04	0.0	352.0	-35.82	-287.43	0.85	5506.68	222.49	-3.489e+04
114	5	3.386e+04	156.12	-3.48e-03	-2463.77	0.0	6.24	1238.24	0.58	3722.65	-47.30	-7.565e+04
		-7.565e+04	-47.30	8.96e-05	0.0	352.0	6.24	-1225.53	0.58	3722.65	156.12	-7.565e+04
114	6	1.059e+06	1.992e+04	-0.03	0.0	0.0	-1354.71	5926.79	91.55	-1.287e+04	-1.261e+04	-1.027e+06
		-1.027e+06	-1.261e+04	0.05	0.0	352.0	-1354.71	5926.79	91.55	-1.287e+04	1.992e+04	1.059e+06
114	7	5.751e+05	1.044e+04	-0.02	0.0	0.0	-1874.42	3184.91	47.62	-1.979e+04	-6550.57	-5.459e+05
		-5.459e+05	-6550.57	-0.02	0.0	352.0	-1874.42	3184.91	47.62	-1.979e+04	1.044e+04	5.751e+05
114	8	1.779e+06	9.271e+04	0.05	0.0	0.0	685.95	-1.021e+04	359.13	2.592e+04	-3.383e+04	1.779e+06
		-1.814e+06	-3.383e+04	0.10	0.0	352.0	685.95	-1.021e+04	359.13	2.592e+04	9.271e+04	-1.814e+06
114	9	2.541e+06	1.270e+05	0.07	0.0	0.0	1424.80	-1.456e+04	494.68	-2.015e+04	-4.715e+04	2.541e+06
		-2.584e+06	-4.715e+04	-0.09	0.0	352.0	1424.80	-1.456e+04	494.68	-2.015e+04	1.270e+05	-2.584e+06
114	10	5.660e+05	1.078e+04	-0.01	0.0	0.0	-746.18	3168.84	49.33	-7511.69	-6789.66	-5.494e+05
		-5.494e+05	-6789.66	0.03	0.0	352.0	-746.18	3168.84	49.33	-7511.69	1.078e+04	5.660e+05
114	11	3.060e+05	5988.11	-7.99e-03	0.0	0.0	-1067.03	1694.90	26.87	-1.053e+04	-3605.10	-2.905e+05
		-2.905e+05	-3605.10	-0.01	0.0	352.0	-1067.03	1694.90	26.87	-1.053e+04	5988.11	3.060e+05
114	12	9.699e+05	5.479e+04	0.03	0.0	0.0	412.26	-5564.43	212.54	1.419e+04	-2.008e+04	9.699e+05
		-9.886e+05	-2.008e+04	0.05	0.0	352.0	412.26	-5564.43	212.54	1.419e+04	5.479e+04	-9.886e+05
114	13	1.348e+06	7.508e+04	0.04	0.0	0.0	826.27	-7723.85	292.21	-1.115e+04	-2.780e+04	1.348e+06
		-1.371e+06	-2.780e+04	-0.05	0.0	352.0	826.27	-7723.85	292.21	-1.115e+04	7.508e+04	-1.371e+06
114	14	4.243e+05	8111.80	-0.01	0.0	0.0	-564.69	2375.61	37.07	-5636.07	-5099.19	-4.119e+05
		-4.119e+05	-5099.19	0.02	0.0	352.0	-564.69	2375.61	37.07	-5636.07	8111.80	4.243e+05
114	15	2.292e+05	4554.86	-5.99e-03	0.0	0.0	-810.22	1269.26	20.37	-7881.38	-2718.84	-2.176e+05
		-2.176e+05	-2718.84	-8.65e-03	0.0	352.0	-810.22	1269.26	20.37	-7881.38	4554.86	2.292e+05
114	16	7.276e+05	4.201e+04	0.02	0.0	0.0	317.92	-4174.28	162.99	1.064e+04	-1.541e+04	7.276e+05
		-7.416e+05	-1.541e+04	0.04	0.0	352.0	317.92	-4174.28	162.99	1.064e+04	4.201e+04	-7.416e+05
114	17	1.011e+06	5.765e+04	0.03	0.0	0.0	635.47	-5794.28	224.30	-8366.80	-2.133e+04	1.011e+06
		-1.028e+06	-2.133e+04	-0.04	0.0	352.0	635.47	-5794.28	224.30	-8366.80	5.765e+04	-1.028e+06
115	1	1.700e+04	276.74	1.56e-03	-1319.88	0.0	-19.42	675.95	1.28	-4043.43	-172.27	-4.389e+04
		-4.389e+04	-172.27	2.19e-04	0.0	352.0	-19.42	-643.93	1.28	-4043.43	276.74	-4.389e+04
115	2	1.076e+04	641.17	-1.16e-03	-400.84	0.0	328.30	343.20	2.79	-1.421e+04	-340.46	-2.111e+04
		-2.111e+04	-340.46	-1.38e-04	0.0	352.0	328.30	-57.64	2.79	-1.421e+04	641.17	5632.87
115	3	3380.24	69.40	-3.23e-04	-160.34	0.0	7.45	163.83	0.27	-5949.01	-25.33	-1.666e+04
		-1.666e+04	-25.33	-2.18e-04	0.0	352.0	7.45	3.50	0.27	-5949.01	69.40	3380.24
115	4	5243.29	113.91	-5.05e-04	-240.51	0.0	26.48	243.82	0.44	-8843.90	-42.64	-2.414e+04
		-2.414e+04	-42.64	-3.31e-04	0.0	352.0	26.48	3.31	0.44	-8843.90	113.91	5243.29
115	5	3.379e+04	120.95	-2.90e-03	-2463.77	0.0	-20.35	1220.56	-0.36	-3709.28	120.95	-7.261e+04
		-7.660e+04	-7.45	-3.28e-04	0.0	352.0	-20.35	-1243.22	-0.36	-3709.28	-7.45	-7.660e+04
115	6	1.137e+06	1.157e+04	0.03	0.0	0.0	2948.01	6563.63	73.85	-1.284e+04	-1.445e+04	-1.173e+06
		-1.173e+06	-1.445e+04	0.05	0.0	352.0	2948.01	6563.63	73.85	-1.284e+04	1.157e+04	1.137e+06
115	7	6.195e+05	8363.83	-0.01	0.0	0.0	3562.11	3610.03	58.57	-1.949e+04	-1.225e+04	-6.511e+05
		-6.511e+05	-1.225e+04	-0.03	0.0	352.0	3562.11	3610.03	58.57	-1.949e+04	8363.83	6.195e+05
115	8	2.550e+06	3727.76	-0.06	0.0	0.0	1819.11	1.462e+04	-23.28	2.400e+04	-4538.46	2.550e+06
		-2.597e+06	-4538.46	0.11	0.0	352.0	1819.11	1.462e+04	-23.28	2.400e+04	3727.76	-2.597e+06
115	9	1.854e+06	3145.37	-0.05	0.0	0.0	1309.85	1.065e+04	-20.14	-2.225e+04	-3958.85	1.854e+06
		-1.895e+06	-3958.85	-0.09	0.0	352.0	1309.85	1.065e+04	-20.14	-2.225e+04	3145.37	-1.895e+06
115	10	6.078e+05	6310.25	0.01	0.0	0.0	1581.12	3506.82	40.10	-7499.75	-7824.17	-6.265e+05
		-6.265e+05	-7824.17	0.03	0.0	352.0	1581.12	3506.82	40.10	-7499.75	6310.25	6.078e+05
115	11	3.296e+05	4473.81	-7.62e-03	0.0	0.0	1926.44	1920.87	31.31	-1.037e+04	-6547.88	-3.464e+05
		-3.464e+05	-6547.88	-0.01	0.0	352.0	1926.44	1920.87	31.31	-1.037e+04	4473.81	3.296e+05
115	12	1.353e+06	2219.90	-0.03	0.0	0.0	1097.54	7760.60	-13.76	1.328e+04	-2659.33	1.353e+06
		-1.378e+06	-2659.33	0.06	0.0	352.0	1097.54	7760.60	-13.76	1.328e+04	2219.90	-1.378e+06
115	13	1.004e+06	1743.08	-0.02	0.0	0.0	745.89	5765.05	-11.16	-1.216e+04	-2194.34	1.004e+06
		-1.025e+06	-2194.34	-0.05	0.0	352.0	745.89	5765.05	-11.16	-1.216e+04	1743.08	-1.025e+06
115	14	4.556e+05	4754.66	0.01	0.0	0.0	1187.30	2628.90	30.19	-5627.12	-5887.19	-4.697e+05
		-4.697e+05	-5887.19	0.02	0.0	352.0	1187.30	2628.90	30.19	-5627.12	4754.66	4.556e+05
115	15	2.468e+05	3354.53	-5.70e-03	0.0	0.0	1447.85	1438.28	23.47	-7761.33	-4908.16	-2.594e+05
		-2.594e+05	-4908.16	-0.01	0.0	352.0	1447.85	1438.28	23.47	-7761.33	3354.53	2.468e+05
115	16	1.015e+06	1705.69	-0.03	0.0	0.0	849.89	5820.65	-10.54	9962.51	-2032.88	1.015e+06
		-1.034e+06	-2032.88	0.04	0.0	352.0	849.89	5820.65	-10.54	9962.51	1705.69	-1.034e+06
115	17	7.530e+05	1321.75	-0.02	0.0	0.0	572.65	4325.12	-8.46	-9122.90	-1661.64	-7.693e+05
		-7.693e+05	-1661.64	-0.04	0.0	352.0	572.65	4325.12	-8.46	-9122.90	1321.75	-7.693e+05
116	1	3.016e+04	618.88	9.13e-03	-1486.67	0.0	7.75	562.65	-2.18	-1783.72	618.88	-1.204e+04
		-8.367e+04	-243.65	1.27e-04	0.0	396.4	7.75	-924.02	-2.18	-1783.72	-243.65	-8.367e+04
116	2	-1.369e+04	2045.00	0.02	0.0	0.0	197.53	-64.51	-5.27	1471.29	2045.00	-1.369e+04
		-3.927e+04	-45.31	5.86e-04	0.0	396.4	197.53	-64.51	-5.27	1471.29	-45.31	-3.927e+04
116	3	627.92	324.99	2.77e-03	0.0	0.0	36.17	36.31	0.56	1084.66	324.99	627.92
		-1.377e+04	101.21	1.20e-04	0.0	396.4	36.17	36.31	0.56	1084.66	101.21	-1.377e+04
116	4	-717.91	474.69	4.72e-03	0.0	0.0	56.34	47.99	0.72	1584.17	474.69	-717.91
		-1.974e+04	190.58	1.89e-04	0.0	396.4	56.34	47.99	0.72	1584.17	190.58	-1.974e+04
116	5	6.494e+04	170.84	-6.48e-03	-2775.11	0.0	63.08	1100.35	0.72	-2704.47	-116.00	-2.129e+04
		-1.351e+05	-116.00	-1.29e-04	0.0	396.4	63.08	-1674.75	0.72	-2704.47	170.84	-1.351e+05
116	6	6.353e+05	1.883e+05	0.02	0.0	0.0	409.66	2966.61	692.63	2.122e+04	-8.663e+04	-5.451e+05
		-5.451e+05	-8.663e+04	0.13	0.0	396.4	409.66	2966.61	692.63	2.122e+04	1.883e+05	6.353e+05
116	7	7.796e+05	3.064e+05	0.03	0.0	0.0	578.74	3629.33	1104.15	3.050e+04	-1.316e+05	-6.628e+05
		-6.628e+05	-1.316e+05	-0.06	0.0	396.4	578.74	3629.33	1104.15	3.050e+04	3.064e+05	7.796e+05

116	8	3.653e+05	6.079e+04	-0.01	0.0	0.0	1034.02	-1692.29	205.85	8.966e+04	-2.289e+04	3.653e+05
		-3.096e+05	-2.289e+04	0.07	0.0	396.4	1034.02	-1692.29	205.85	8.966e+04	6.079e+04	-3.096e+05
116	9	1.780e+05	4.160e+04	-7.44e-03	0.0	0.0	1345.52	-678.07	162.61	1.099e+05	-2.508e+04	1.780e+05
		-1.307e+05	-2.508e+04	-0.08	0.0	396.4	1345.52	-678.07	162.61	1.099e+05	4.160e+04	-1.307e+05
116	10	3.443e+05	1.087e+05	0.01	0.0	0.0	239.73	1597.78	399.40	1.146e+04	-4.982e+04	-2.919e+05
		-2.919e+05	-4.982e+04	0.07	0.0	396.4	239.73	1597.78	399.40	1.146e+04	1.087e+05	3.443e+05
116	11	4.173e+05	1.812e+05	0.01	0.0	0.0	348.52	1936.47	651.39	1.622e+04	-7.724e+04	-3.528e+05
		-3.528e+05	-7.724e+04	-0.04	0.0	396.4	348.52	1936.47	651.39	1.622e+04	1.812e+05	4.173e+05
116	12	1.939e+05	3.654e+04	-7.73e-03	0.0	0.0	581.43	-900.59	123.71	4.829e+04	-1.374e+04	1.939e+05
		-1.658e+05	-1.374e+04	0.03	0.0	396.4	581.43	-900.59	123.71	4.829e+04	3.654e+04	-1.658e+05
116	13	9.956e+04	2.520e+04	-4.01e-03	0.0	0.0	734.03	-393.35	98.38	5.845e+04	-1.511e+04	9.956e+04
		-7.617e+04	-1.511e+04	-0.04	0.0	396.4	734.03	-393.35	98.38	5.845e+04	2.520e+04	-7.617e+04
116	14	2.584e+05	8.245e+04	9.69e-03	0.0	0.0	183.51	1198.51	302.85	8594.36	-3.777e+04	-2.189e+05
		-2.189e+05	-3.777e+04	0.05	0.0	396.4	183.51	1198.51	302.85	8594.36	8.245e+04	2.584e+05
116	15	3.129e+05	1.387e+05	0.01	0.0	0.0	266.91	1451.15	498.51	1.214e+04	-5.907e+04	-2.642e+05
		-2.642e+05	-5.907e+04	-0.03	0.0	396.4	266.91	1451.15	498.51	1.214e+04	1.387e+05	3.129e+05
116	16	1.454e+05	2.830e+04	-5.80e-03	0.0	0.0	443.15	-675.63	95.69	3.623e+04	-1.059e+04	1.454e+05
		-1.244e+05	-1.059e+04	0.02	0.0	396.4	443.15	-675.63	95.69	3.623e+04	2.830e+04	-1.244e+05
116	17	7.470e+04	1.959e+04	-3.01e-03	0.0	0.0	555.25	-295.21	76.44	4.386e+04	-1.170e+04	7.470e+04
		-5.720e+04	-1.170e+04	-0.03	0.0	396.4	555.25	-295.21	76.44	4.386e+04	1.959e+04	-5.720e+04
117	1	3.028e+04	475.98	-9.76e-03	-1487.15	0.0	31.30	920.90	2.46	1780.54	-498.15	-8.278e+04
		-8.278e+04	-498.15	-1.91e-04	0.0	396.6	31.30	-566.25	2.46	1780.54	475.98	-1.244e+05
117	2	-1.235e+04	1418.12	-0.02	0.0	0.0	287.32	49.74	9.02	-1345.32	-2158.37	-3.208e+04
		-3.208e+04	-2158.37	2.45e-04	0.0	396.6	287.32	49.74	9.02	-1345.32	1418.12	-1.235e+04
117	3	3141.12	81.04	-2.67e-03	0.0	0.0	34.70	-41.38	1.28	-1049.58	-426.53	3141.12
		-1.327e+04	-426.53	1.51e-04	0.0	396.6	34.70	-41.38	1.28	-1049.58	81.04	-1.327e+04
117	4	3116.24	141.52	-4.67e-03	0.0	0.0	53.63	-55.78	2.05	-1529.88	-670.64	3116.24
		-1.901e+04	-670.64	2.23e-04	0.0	396.6	53.63	-55.78	2.05	-1529.88	141.52	-1.901e+04
117	5	6.502e+04	26.84	-0.01	-2776.02	0.0	71.27	1673.31	-0.42	2707.18	26.84	-1.347e+05
		-1.347e+05	-141.53	2.44e-05	0.0	396.6	71.27	-1102.71	-0.42	2707.18	-141.53	-2.156e+04
117	6	5.536e+05	8.738e+04	0.03	0.0	0.0	-2188.32	2996.57	697.87	1.767e+04	-1.897e+05	-6.392e+05
		-6.392e+05	-1.897e+05	0.10	0.0	396.6	-2188.32	2996.57	697.87	1.767e+04	8.738e+04	5.536e+05
117	7	6.690e+05	1.325e+05	0.03	0.0	0.0	-3022.68	3651.34	1107.23	2.721e+04	-3.071e+05	-7.826e+05
		-7.826e+05	-3.071e+05	0.06	0.0	396.6	-3022.68	3651.34	1107.23	2.721e+04	1.325e+05	6.690e+05
117	8	1.669e+05	6.198e+04	-5.30e-03	0.0	0.0	2351.17	730.31	-217.46	-1.097e+05	6.198e+04	-1.671e+05
		-1.671e+05	-2.449e+04	0.10	0.0	396.6	2351.17	730.31	-217.46	-1.097e+05	-2.449e+04	1.669e+05
117	9	3.348e+05	4.111e+04	-9.33e-03	0.0	0.0	1284.20	1498.96	-148.30	-9.390e+04	4.111e+04	-2.637e+05
		-2.637e+05	-1.818e+04	-0.05	0.0	396.6	1284.20	1498.96	-148.30	-9.390e+04	-1.818e+04	3.348e+05
117	10	2.965e+05	4.993e+04	0.02	0.0	0.0	-1209.72	1613.66	401.07	9594.51	-1.093e+05	-3.463e+05
		-3.463e+05	-1.093e+05	0.05	0.0	396.6	-1209.72	1613.66	401.07	9594.51	4.993e+04	2.965e+05
117	11	3.561e+05	7.751e+04	0.02	0.0	0.0	-1627.79	1948.18	652.19	1.447e+04	-1.814e+05	-4.189e+05
		-4.189e+05	-1.814e+05	0.03	0.0	396.6	-1627.79	1948.18	652.19	1.447e+04	7.751e+04	3.561e+05
117	12	9.515e+04	3.771e+04	-2.82e-03	0.0	0.0	1260.31	425.90	-132.44	-5.834e+04	3.771e+04	-9.553e+04
		-9.553e+04	-1.493e+04	0.05	0.0	396.6	1260.31	425.90	-132.44	-5.834e+04	-1.493e+04	9.515e+04
117	13	1.775e+05	2.422e+04	-4.87e-03	0.0	0.0	722.12	796.74	-86.56	-5.039e+04	2.422e+04	-1.410e+05
		-1.410e+05	-1.037e+04	-0.03	0.0	396.6	722.12	796.74	-86.56	-5.039e+04	-1.037e+04	1.775e+05
117	14	2.223e+05	3.782e+04	0.01	0.0	0.0	-912.92	1210.41	304.00	7194.88	-2.598e+04	-2.599e+05
		-2.599e+05	-8.288e+04	0.04	0.0	396.6	-912.92	1210.41	304.00	7194.88	3.782e+04	2.223e+05
117	15	2.667e+05	5.923e+04	0.01	0.0	0.0	-1222.85	1459.90	498.97	1.083e+04	-1.388e+05	-3.142e+05
		-3.142e+05	-1.388e+05	0.03	0.0	396.6	-1222.85	1459.90	498.97	1.083e+04	5.923e+04	2.667e+05
117	16	7.138e+04	2.931e+04	-2.12e-03	0.0	0.0	947.45	319.64	-102.94	-4.376e+04	2.931e+04	-7.173e+04
		-7.173e+04	-1.159e+04	0.04	0.0	396.6	947.45	319.64	-102.94	-4.376e+04	-1.159e+04	7.138e+04
117	17	1.332e+05	1.872e+04	-3.66e-03	0.0	0.0	546.48	597.78	-66.72	-3.782e+04	1.872e+04	-1.058e+05
		-1.058e+05	-7943.85	-0.02	0.0	396.6	546.48	597.78	-66.72	-3.782e+04	-7943.85	1.332e+05
118	1	4.653e+04	877.05	4.72e-03	-543.63	0.0	223.62	-513.07	18.08	-9874.71	-1743.62	4.653e+04
		-6.725e+04	-1743.62	-5.22e-04	0.0	145.0	223.62	-1056.70	18.08	-9874.71	877.05	-6.725e+04
118	2	3.404e+04	4738.60	6.63e-03	-68.07	0.0	583.69	-459.66	80.94	-2.015e+04	-6994.54	3.404e+04
		-3.918e+04	-6994.54	-1.96e-03	0.0	145.0	583.69	-527.73	80.94	-2.015e+04	4738.60	-3.918e+04
118	3	1.588e+04	590.61	1.59e-03	-27.23	0.0	4.63	-165.71	9.23	-1.215e+04	-747.24	1.588e+04
		-1.078e+04	-747.24	-2.06e-04	0.0	145.0	4.63	-192.94	9.23	-1.215e+04	590.61	-1.078e+04
118	4	2.364e+04	980.31	2.49e-03	-40.84	0.0	25.79	-248.09	15.41	-1.778e+04	-1253.91	2.364e+04
		-1.627e+04	-1253.91	-3.43e-04	0.0	145.0	25.79	-288.94	15.41	-1.778e+04	980.31	-1.627e+04
118	5	6.921e+04	136.07	4.50e-03	-1014.77	0.0	-20.06	-604.63	2.12	-1.165e+04	-171.84	6.921e+04
		-9.199e+04	-171.84	-5.21e-05	0.0	145.0	-20.06	-1619.40	2.12	-1.165e+04	136.07	-9.199e+04
118	6	3.224e+05	7.637e+04	0.02	0.0	0.0	-1871.61	1023.96	855.11	-2.961e+05	7.637e+04	2.586e+05
		2.586e+05	4.834e+04	0.02	0.0	145.0	-1871.61	1023.96	855.11	-2.961e+05	4.834e+04	3.224e+05
118	7	5.472e+05	9.401e+04	0.03	0.0	0.0	1615.57	1521.75	950.85	-3.790e+05	9.401e+04	3.357e+05
		3.357e+05	4.638e+04	-0.02	0.0	145.0	1615.57	1521.75	950.85	-3.790e+05	4.638e+04	5.472e+05
118	8	2.094e+06	1.242e+04	-0.04	0.0	0.0	-4183.64	1.384e+04	251.68	1.956e+05	-2.968e+04	1.145e+05
		1.145e+05	-2.968e+04	0.04	0.0	145.0	-4183.64	1.384e+04	251.68	1.956e+05	1.242e+04	2.094e+06
118	9	2.675e+06	-6305.08	-0.05	0.0	0.0	-4482.39	1.686e+04	263.74	7.786e+04	-3.240e+04	2.358e+05
		2.358e+05	-3.240e+04	-0.04	0.0	145.0	-4482.39	1.686e+04	263.74	7.786e+04	-6305.08	2.675e+06
118	10	1.801e+05	4.328e+04	0.01	0.0	0.0	-1105.23	591.90	482.54	-1.590e+05	4.328e+04	1.395e+05
		1.395e+05	2.716e+04	8.02e-03	0.0	145.0	-1105.23	591.90	482.54	-1.590e+05	2.716e+04	1.801e+05
118	11	2.910e+05	5.364e+04	0.01	0.0	0.0	898.29	812.12	535.89	-2.017e+05	5.364e+04	1.788e+05
		1.788e+05	2.564e+04	-8.58e-03	0.0	145.0	898.29	812.12	535.89	-2.017e+05	2.564e+04	2.910e+05

118	12	1.130e+06	7322.18	-0.02	0.0	0.0	-2368.72	7450.04	150.58	1.042e+05	-1.750e+04	6.578e+04
		6.578e+04	-1.750e+04	0.02	0.0	145.0	-2368.72	7450.04	150.58	1.042e+05	7322.18	1.130e+06
118	13	1.421e+06	-3676.83	-0.03	0.0	0.0	-2438.42	8960.75	155.61	4.546e+04	-1.915e+04	1.250e+05
		1.250e+05	-1.915e+04	-0.02	0.0	145.0	-2438.42	8960.75	155.61	4.546e+04	-3676.83	1.421e+06
118	14	1.351e+05	3.279e+04	9.77e-03	0.0	0.0	-846.61	444.42	365.55	-1.192e+05	3.279e+04	1.046e+05
		1.046e+05	2.058e+04	6.08e-03	0.0	145.0	-846.61	444.42	365.55	-1.192e+05	2.058e+04	1.351e+05
118	15	2.179e+05	4.083e+04	0.01	0.0	0.0	679.12	608.56	406.93	-1.511e+05	4.083e+04	1.340e+05
		1.340e+05	1.938e+04	-6.38e-03	0.0	145.0	679.12	608.56	406.93	-1.511e+05	1.938e+04	2.179e+05
118	16	8.475e+05	5628.69	-0.02	0.0	0.0	-1808.59	5588.27	115.56	7.815e+04	-1.339e+04	4.936e+04
		4.936e+04	-1.339e+04	0.02	0.0	145.0	-1808.59	5588.27	115.56	7.815e+04	5628.69	8.475e+05
118	17	1.066e+06	-2814.19	-0.02	0.0	0.0	-1841.96	6722.24	119.31	3.411e+04	-1.468e+04	9.381e+04
		9.381e+04	-1.468e+04	-0.02	0.0	145.0	-1841.96	6722.24	119.31	3.411e+04	-2814.19	1.066e+06
119	1	4.680e+04	-17.31	-4.74e-03	-543.63	0.0	194.20	1058.07	-4.72	1.005e+04	-17.31	-6.718e+04
		-6.718e+04	-701.27	2.14e-04	0.0	145.0	194.20	514.45	-4.72	1.005e+04	-701.27	4.680e+04
119	2	3.794e+04	635.94	-6.93e-03	-68.00	0.0	506.39	548.48	-19.72	2.470e+04	635.94	-3.829e+04
		-3.829e+04	-2222.52	5.45e-04	0.0	145.0	506.39	480.48	-19.72	2.470e+04	-2222.52	3.794e+04
119	3	1.741e+04	-9.33	-1.70e-03	-27.20	0.0	-9.51	199.27	0.19	1.403e+04	-36.27	-1.017e+04
		-1.017e+04	-36.27	-3.07e-05	0.0	145.0	-9.51	172.07	0.19	1.403e+04	-9.33	1.741e+04
119	4	2.595e+04	-29.28	-2.66e-03	-40.80	0.0	2.15	298.72	-0.27	2.060e+04	-29.28	-1.539e+04
		-1.539e+04	-68.21	-3.92e-05	0.0	145.0	2.15	257.92	-0.27	2.060e+04	-68.21	2.595e+04
119	5	6.937e+04	11.77	-4.51e-03	-1014.78	0.0	-8.64	1622.11	0.48	1.176e+04	-58.24	-9.223e+04
		-9.223e+04	-58.24	-7.62e-05	0.0	145.0	-8.64	607.33	0.48	1.176e+04	11.77	6.937e+04
119	6	-2.523e+05	6.261e+04	0.02	0.0	0.0	-1929.60	1441.11	671.66	-2.985e+05	-3.556e+04	-2.825e+05
		-2.825e+05	-3.556e+04	0.02	0.0	145.0	-1929.60	1441.11	671.66	-2.985e+05	6.261e+04	-2.523e+05
119	7	-3.304e+05	8.713e+04	0.03	0.0	0.0	-2559.23	1040.47	842.34	-3.806e+05	-3.703e+04	-4.709e+05
		-4.709e+05	-3.703e+04	-0.02	0.0	145.0	-2559.23	1040.47	842.34	-3.806e+05	8.713e+04	-3.304e+05
119	8	2.675e+06	1.375e+04	-0.04	0.0	0.0	-2509.21	-1.676e+04	113.66	-8.682e+04	-3711.85	2.675e+06
		2.525e+05	-3711.85	0.04	0.0	145.0	-2509.21	-1.676e+04	113.66	-8.682e+04	1.375e+04	2.525e+05
119	9	2.195e+06	1.406e+04	-0.03	0.0	0.0	-3464.10	-1.442e+04	106.32	-1.738e+05	2109.99	2.195e+06
		1.198e+05	2109.99	-0.04	0.0	145.0	-3464.10	-1.442e+04	106.32	-1.738e+05	1.406e+04	1.198e+05
119	10	-1.362e+05	3.534e+04	0.01	0.0	0.0	-1069.80	800.71	375.56	-1.603e+05	-1.960e+04	-1.596e+05
		-1.596e+05	-1.960e+04	7.86e-03	0.0	145.0	-1069.80	800.71	375.56	-1.603e+05	3.534e+04	-1.362e+05
119	11	-1.760e+05	4.987e+04	0.02	0.0	0.0	-1383.40	556.04	475.60	-2.025e+05	-2.029e+04	-2.503e+05
		-2.503e+05	-2.029e+04	-9.23e-03	0.0	145.0	-1383.40	556.04	475.60	-2.025e+05	4.987e+04	-1.760e+05
119	12	1.421e+06	8259.89	-0.02	0.0	0.0	-1375.60	-8911.77	67.86	-5.073e+04	-2091.37	1.421e+06
		1.340e+05	-2091.37	0.02	0.0	145.0	-1375.60	-8911.77	67.86	-5.073e+04	8259.89	1.340e+05
119	13	1.179e+06	7627.77	-0.01	0.0	0.0	-1917.54	-7733.59	58.04	-9.245e+04	1229.10	1.179e+06
		6.746e+04	1229.10	-0.02	0.0	145.0	-1917.54	-7733.59	58.04	-9.245e+04	7627.77	6.746e+04
119	14	-1.021e+05	2.675e+04	0.01	0.0	0.0	-808.70	600.91	283.98	-1.202e+05	2.675e+04	-1.021e+05
		-1.198e+05	-1.479e+04	5.93e-03	0.0	145.0	-808.70	600.91	283.98	-1.202e+05	2.675e+04	-1.021e+05
119	15	-1.318e+05	3.796e+04	0.01	0.0	0.0	-1039.48	417.12	361.12	-1.517e+05	-1.531e+04	-1.875e+05
		-1.875e+05	-1.531e+04	-6.88e-03	0.0	145.0	-1039.48	417.12	361.12	-1.517e+05	3.796e+04	-1.318e+05
119	16	1.066e+06	6342.70	-0.01	0.0	0.0	-1035.13	-6684.27	52.13	-3.807e+04	-1592.59	1.066e+06
		1.005e+05	-1592.59	0.02	0.0	145.0	-1035.13	-6684.27	52.13	-3.807e+04	6342.70	1.005e+05
119	17	8.847e+05	5749.71	-0.01	0.0	0.0	-1457.53	-5801.79	43.85	-6.936e+04	941.48	8.847e+05
		5.061e+04	941.48	-0.02	0.0	145.0	-1457.53	-5801.79	43.85	-6.936e+04	5749.71	5.061e+04
120	1	4.196e+04	181.49	-5.91e-03	-1688.84	0.0	-15.11	730.15	-0.24	4014.76	181.49	-5.91e+04
		-8.058e+04	75.12	-3.94e-04	0.0	450.4	-15.11	-958.70	-0.24	4014.76	75.12	-8.058e+04
120	2	2.132e+05	395.14	-0.03	-8163.09	0.0	-64.10	3295.30	-0.37	1.920e+04	395.14	-1.502e+05
		-3.915e+05	228.91	-8.20e-04	0.0	450.4	-64.10	-4867.79	-0.37	1.920e+04	228.91	-3.915e+05
120	3	8.715e+04	80.30	-0.02	-3265.24	0.0	-39.90	1348.40	-0.22	7493.54	80.30	-6.419e+04
		-1.470e+05	-18.60	3.06e-05	0.0	450.4	-39.90	-1916.83	-0.22	7493.54	-18.60	-1.470e+05
120	4	1.306e+05	122.04	-0.02	-4897.85	0.0	-59.20	2018.52	-0.32	1.125e+04	122.04	-9.558e+04
		-2.217e+05	-20.87	-3.12e-05	0.0	450.4	-59.20	-2879.33	-0.32	1.125e+04	-20.87	-2.217e+05
120	5	6272.51	9.05	3.70e-03	0.0	0.0	6.90	-29.60	-0.07	552.57	9.05	6272.51
		-7057.10	-21.10	6.56e-05	0.0	450.4	6.90	-29.60	-0.07	552.57	-21.10	-7057.10
120	6	6.572e+05	2424.35	0.11	0.0	0.0	1089.61	4510.10	-16.11	8060.25	2424.35	-1.376e+06
		-1.376e+06	-5017.90	0.11	0.0	450.4	1089.61	4510.10	-16.11	8060.25	-5017.90	6.572e+05
120	7	9.309e+05	3363.64	0.15	0.0	0.0	1390.40	6219.24	8.92	9841.40	-1433.70	-1.872e+06
		-1.872e+06	-1433.70	-0.02	0.0	450.4	1390.40	6219.24	8.92	9841.40	3363.64	9.309e+05
120	8	3.089e+05	1.092e+04	0.04	0.0	0.0	414.54	1818.07	-32.63	6.038e+04	1.092e+04	-5.358e+05
		-5.358e+05	-6358.35	0.05	0.0	450.4	414.54	1818.07	-32.63	6.038e+04	-6358.35	3.089e+05
120	9	6.550e+05	1.525e+04	0.06	0.0	0.0	449.72	3462.59	-50.45	7.001e+04	1.525e+04	-9.073e+05
		-9.073e+05	8796.73	-0.10	0.0	450.4	449.72	3462.59	-50.45	7.001e+04	8796.73	6.550e+05
120	10	3.557e+05	1390.07	0.06	0.0	0.0	589.35	2432.14	-9.18	4472.77	1390.07	-7.407e+05
		-7.407e+05	-2861.41	0.06	0.0	450.4	589.35	2432.14	-9.18	4472.77	-2861.41	3.557e+05
120	11	4.963e+05	1841.00	0.08	0.0	0.0	743.93	3310.51	4.88	5246.25	-856.91	-9.957e+05
		-9.957e+05	-856.91	-9.35e-03	0.0	450.4	743.93	3310.51	4.88	5246.25	1841.00	4.963e+05
120	12	1.815e+05	6409.61	0.02	0.0	0.0	237.55	1060.54	-19.39	3.244e+04	6409.61	-3.088e+05
		-3.088e+05	-3665.38	0.02	0.0	450.4	237.55	1060.54	-19.39	3.244e+04	-3665.38	1.815e+05
120	13	3.486e+05	8880.89	0.03	0.0	0.0	250.58	1846.49	-28.76	3.767e+04	8880.89	-4.849e+05
		-4.849e+05	4843.11	-0.05	0.0	450.4	250.58	1846.49	-28.76	3.767e+04	4843.11	3.486e+05
120	14	2.668e+05	1057.84	0.05	0.0	0.0	442.92	1823.76	-6.95	3379.25	1057.84	-5.553e+05
		-5.553e+05	-2161.71	0.05	0.0	450.4	442.92	1823.76	-6.95	3379.25	-2161.71	2.668e+05
120	15	3.718e+05	1388.57	0.06	0.0	0.0	557.84	2479.35	3.68	3931.28	-656.36	-7.457e+05
		-7.457e+05	-656.36	-7.00e-03	0.0	450.4	557.84	2479.35	3.68	3931.28	1388.57	3.718e+05

120	16	1.362e+05	4903.51	0.02	0.0	0.0	180.64	795.90	-14.80	2.435e+04	4903.51	-2.317e+05
		-2.317e+05	-2764.85	0.02	0.0	450.4	180.64	795.90	-14.80	2.435e+04	-2764.85	1.362e+05
120	17	2.616e+05	6799.15	0.02	0.0	0.0	189.70	1385.54	-21.91	2.837e+04	6799.15	-3.638e+05
		-3.638e+05	3653.19	-0.04	0.0	450.4	189.70	1385.54	-21.91	2.837e+04	3653.19	2.616e+05
121	1	4.177e+04	67.56	-9.63e-03	-1688.84	0.0	-7.48	959.96	-1.42	-3337.42	67.56	-8.108e+04
		-8.108e+04	-570.37	-4.93e-04	0.0	450.4	-7.48	-728.88	-1.42	-3337.42	-570.37	-2.905e+04
121	2	2.137e+05	232.13	-0.04	-8163.24	0.0	-74.45	4859.57	-4.81	-1.789e+04	232.13	-3.889e+05
		-3.889e+05	-1936.17	-1.42e-03	0.0	450.4	-74.45	-3303.67	-4.81	-1.789e+04	-1936.17	-1.514e+05
121	3	8.339e+04	-10.01	-0.01	-3265.30	0.0	-31.82	1891.44	-0.36	-6902.84	-10.01	-1.444e+05
		-1.444e+05	-173.43	-1.19e-04	0.0	450.4	-31.82	-1373.85	-0.36	-6902.84	-173.43	-7.296e+04
121	4	1.252e+05	-8.94	-0.02	-4897.94	0.0	-47.70	2842.16	-0.63	-1.038e+04	-8.94	-2.177e+05
		-2.177e+05	-291.62	-2.05e-04	0.0	450.4	-47.70	-2055.79	-0.63	-1.038e+04	-291.62	-1.083e+05
121	5	1678.75	-17.28	-3.88e-03	0.0	0.0	11.28	18.27	-0.04	69.24	-17.28	-6551.06
		-6551.06	-34.97	-3.66e-05	0.0	450.4	11.28	18.27	-0.04	69.24	-34.97	1678.75
121	6	1.375e+06	1.054e+04	-0.11	0.0	0.0	-872.74	4613.44	-37.85	3.491e+04	7272.09	-7.037e+05
		-7.037e+05	7272.09	0.11	0.0	450.4	-872.74	4613.44	-37.85	3.491e+04	1.054e+04	1.375e+06
121	7	1.736e+06	1.123e+04	-0.14	0.0	0.0	-1187.60	5750.66	31.18	1.151e+04	-2844.62	-8.557e+05
		-8.557e+05	-2844.62	-0.01	0.0	450.4	-1187.60	5750.66	31.18	1.151e+04	1.123e+04	1.736e+06
121	8	5.357e+05	8071.45	0.05	0.0	0.0	338.04	-2967.71	-26.10	-5.411e+04	8071.45	5.357e+05
		-8.068e+05	-5283.21	0.07	0.0	450.4	338.04	-2967.71	-26.10	-5.411e+04	-5283.21	-8.068e+05
121	9	2.953e+05	2958.81	-0.01	0.0	0.0	589.88	-1254.34	16.42	-8.916e+04	-5442.69	2.953e+05
		-3.172e+05	-5442.69	-0.09	0.0	450.4	589.88	-1254.34	16.42	-8.916e+04	2958.81	-3.172e+05
121	10	7.368e+05	6000.52	-0.06	0.0	0.0	-471.91	2471.07	-21.08	1.880e+04	3974.30	-3.770e+05
		-3.770e+05	3974.30	0.06	0.0	450.4	-471.91	2471.07	-21.08	1.880e+04	6000.52	7.368e+05
121	11	9.235e+05	6343.40	-0.07	0.0	0.0	-637.98	3061.10	17.65	6172.94	-1624.96	-4.562e+05
		-4.562e+05	-1624.96	-6.39e-03	0.0	450.4	-637.98	3061.10	17.65	6172.94	6343.40	9.235e+05
121	12	2.844e+05	4417.73	0.02	0.0	0.0	191.84	-1577.73	-14.75	-2.997e+04	4417.73	2.844e+05
		-4.299e+05	-3191.44	0.04	0.0	450.4	191.84	-1577.73	-14.75	-2.997e+04	-3191.44	-4.299e+05
121	13	1.629e+05	1768.13	-5.40e-03	0.0	0.0	338.02	-719.30	9.52	-4.764e+04	-3136.54	1.629e+05
		-1.857e+05	-3136.54	-0.05	0.0	450.4	338.02	-719.30	9.52	-4.764e+04	1768.13	-1.857e+05
121	14	5.524e+05	4557.65	-0.04	0.0	0.0	-353.97	1852.83	-15.92	1.410e+04	2983.49	-2.827e+05
		-2.827e+05	2983.49	0.04	0.0	450.4	-353.97	1852.83	-15.92	1.410e+04	4557.65	5.524e+05
121	15	6.916e+05	4819.51	-0.06	0.0	0.0	-478.70	2292.57	13.42	4631.00	-1237.91	-3.418e+05
		-3.418e+05	-1237.91	-4.77e-03	0.0	450.4	-478.70	2292.57	13.42	4631.00	4819.51	6.916e+05
121	16	2.134e+05	3326.32	0.02	0.0	0.0	144.16	-1183.65	-11.23	-2.251e+04	3326.32	2.134e+05
		-3.225e+05	-2473.04	0.03	0.0	450.4	144.16	-1183.65	-11.23	-2.251e+04	-2473.04	-3.225e+05
121	17	1.223e+05	1370.46	-4.05e-03	0.0	0.0	258.91	-539.80	7.27	-3.583e+04	-2377.87	1.223e+05
		-1.393e+05	-2377.87	-0.03	0.0	450.4	258.91	-539.80	7.27	-3.583e+04	1370.46	-1.393e+05
122	1	4.190e+04	2.60	-5.20e-03	-1688.48	0.0	1.35	725.45	0.64	3288.48	-283.61	-2.824e+04
		-8.173e+04	-283.61	3.22e-04	0.0	450.3	1.35	-963.03	0.64	3288.48	2.60	-8.173e+04
122	2	2.172e+05	-147.24	-0.03	-8159.71	0.0	-34.46	3265.84	0.67	1.778e+04	-450.80	-1.404e+05
		-3.943e+05	-450.80	8.96e-04	0.0	450.3	-34.46	-4893.88	0.67	1.778e+04	-147.24	-3.943e+05
122	3	8.502e+04	106.94	-0.02	-3263.89	0.0	-44.37	1358.59	-0.44	6885.08	106.94	-6.831e+04
		-1.464e+05	-93.37	5.32e-05	0.0	450.3	-44.37	-1905.29	-0.44	6885.08	-93.37	-1.464e+05
122	4	1.276e+05	150.02	-0.02	-4895.83	0.0	-65.09	2032.79	-0.64	1.035e+04	150.02	-1.014e+05
		-2.207e+05	-136.77	8.31e-05	0.0	450.3	-65.09	-2863.04	-0.64	1.035e+04	-136.77	-2.207e+05
122	5	2154.25	32.27	3.88e-03	0.0	0.0	14.91	-20.33	-0.16	-156.84	32.27	2154.25
		-6997.83	-39.46	-1.76e-04	0.0	450.3	14.91	-20.33	-0.16	-156.84	-39.46	-6997.83
122	6	7.209e+05	6426.73	0.11	0.0	0.0	583.63	4678.63	-26.54	3.843e+04	6426.73	-1.387e+06
		-1.387e+06	-6154.76	0.10	0.0	450.3	583.63	4678.63	-26.54	3.843e+04	-6154.76	7.209e+05
122	7	8.704e+05	8196.01	0.14	0.0	0.0	455.60	5803.61	21.17	1.308e+04	8196.01	-1.744e+06
		-1.744e+06	1678.08	-0.06	0.0	450.3	455.60	5803.61	21.17	1.308e+04	1678.08	8.704e+05
122	8	2.696e+05	3661.81	0.02	0.0	0.0	-222.83	1272.88	-20.35	9.144e+04	3661.81	-3.670e+05
		-3.670e+05	-6511.83	0.11	0.0	450.3	-222.83	1272.88	-20.35	9.144e+04	-6511.83	2.696e+05
122	9	5.020e+05	6381.27	0.04	0.0	0.0	279.82	2682.62	14.84	5.805e+04	6381.27	-7.113e+05
		-7.113e+05	1686.53	-0.07	0.0	450.3	279.82	2682.62	14.84	5.805e+04	1686.53	-7.113e+05
122	10	3.862e+05	3587.33	0.06	0.0	0.0	341.19	2506.02	-14.59	2.069e+04	3587.33	-7.432e+05
		-7.432e+05	-3390.26	0.06	0.0	450.3	341.19	2506.02	-14.59	2.069e+04	-3390.26	3.862e+05
122	11	4.641e+05	4618.21	0.07	0.0	0.0	254.61	3089.46	12.08	6976.96	4618.21	-9.281e+05
		-9.281e+05	1001.54	-0.03	0.0	450.3	254.61	3089.46	12.08	6976.96	1001.54	4.641e+05
122	12	1.511e+05	2216.45	0.01	0.0	0.0	-120.48	740.33	-11.84	4.891e+04	2216.45	-2.136e+05
		-2.136e+05	-3713.12	0.06	0.0	450.3	-120.48	740.33	-11.84	4.891e+04	-3713.12	1.511e+05
122	13	2.664e+05	3471.45	0.02	0.0	0.0	158.53	1424.61	8.20	3.196e+04	3471.45	-3.786e+05
		-3.786e+05	1020.56	-0.03	0.0	450.3	158.53	1424.61	8.20	3.196e+04	1020.56	-3.786e+05
122	14	2.897e+05	2711.71	0.04	0.0	0.0	259.88	1879.04	-10.97	1.552e+04	2711.71	-5.572e+05
		-5.572e+05	-2544.08	0.04	0.0	450.3	259.88	1879.04	-10.97	1.552e+04	-2544.08	2.897e+05
122	15	3.477e+05	3506.75	0.06	0.0	0.0	192.98	2313.81	9.20	5226.59	3506.75	-6.950e+05
		-6.950e+05	769.83	-0.02	0.0	450.3	192.98	2313.81	9.20	5226.59	769.83	3.477e+05
122	16	1.134e+05	1715.42	0.01	0.0	0.0	-90.69	555.47	-9.06	3.678e+04	1715.42	-1.603e+05
		-1.603e+05	-2812.06	0.04	0.0	450.3	-90.69	555.47	-9.06	3.678e+04	-2812.06	1.134e+05
122	17	1.999e+05	2608.83	0.02	0.0	0.0	120.80	1068.92	6.20	2.405e+04	2608.83	-2.840e+05
		-2.840e+05	793.05	-0.03	0.0	450.3	120.80	1068.92	6.20	2.405e+04	793.05	-2.840e+05
123	1	4.174e+04	170.34	-8.71e-03	-1688.47	0.0	-9.78	955.45	0.36	-3998.79	170.34	-2.990e+04
		-7.997e+04	8.15	2.32e-04	0.0	450.3	-9.78	-733.02	0.36	-3998.79	170.34	-2.990e+04
123	2	2.078e+05	290.60	-0.04	-8160.07	0.0	-80.47	4812.85	0.93	-1.923e+04	-128.76	-3.832e+05
		-3.832e+05	-128.76	1.87e-04	0.0	450.3	-80.47	-3347.22	0.93	-1.923e+04	290.60	-1.658e+05

123	3	8.473e+04	42.54	-0.01	-3264.03	0.0	-49.95	1894.09	0.31	-7518.81	-96.68	-1.438e+05
		-1.438e+05	-96.68	-1.79e-04	0.0	450.3	-49.95	-1369.94	0.31	-7518.81	42.54	-7.082e+04
123	4	1.270e+05	62.96	-0.02	-4896.04	0.0	-75.10	2845.21	0.45	-1.128e+04	-141.78	-2.168e+05
		-2.168e+05	-141.78	-2.63e-04	0.0	450.3	-75.10	-2050.83	0.45	-1.128e+04	62.96	-1.055e+05
123	5	5974.66	27.05	-3.70e-03	0.0	0.0	0.59	28.61	0.21	-508.70	-65.77	-6907.37
		-6907.37	-65.77	-3.28e-04	0.0	450.3	0.59	28.61	0.21	-508.70	27.05	5974.66
123	6	1.358e+06	5128.35	-0.11	0.0	0.0	-1380.29	4446.25	-14.98	7695.44	5128.35	-6.456e+05
		-6.456e+05	-1711.18	0.11	0.0	450.3	-1380.29	4446.25	-14.98	7695.44	-1711.18	1.358e+06
123	7	1.859e+06	-712.38	-0.15	0.0	0.0	-1731.82	6176.24	5.29	8323.24	-2538.20	-9.238e+05
		-9.238e+05	-2538.20	-0.01	0.0	450.3	-1731.82	6176.24	5.29	8323.24	-712.38	1.859e+06
123	8	7.233e+05	8384.35	0.05	0.0	0.0	413.06	-3900.63	-26.60	-6.986e+04	8384.35	7.233e+05
		-1.036e+06	-3826.43	0.12	0.0	450.3	413.06	-3900.63	-26.60	-6.986e+04	-3826.43	-1.036e+06
123	9	2.957e+05	2867.36	0.02	0.0	0.0	480.77	-1567.54	15.15	-6.379e+04	-5473.97	2.957e+05
		-4.373e+05	-5473.97	-0.05	0.0	450.3	480.77	-1567.54	15.15	-6.379e+04	2867.36	-4.373e+05
123	10	7.315e+05	2860.01	-0.06	0.0	0.0	-754.84	2398.65	-8.30	4433.86	2860.01	-3.497e+05
		-3.497e+05	-936.23	0.06	0.0	450.3	-754.84	2398.65	-8.30	4433.86	-936.23	7.315e+05
123	11	9.889e+05	-426.87	-0.08	0.0	0.0	-931.06	3287.66	2.95	4432.55	-1393.80	-4.925e+05
		-4.925e+05	-1393.80	-8.04e-03	0.0	450.3	-931.06	3287.66	2.95	4432.55	-426.87	9.889e+05
123	12	3.856e+05	4567.98	0.03	0.0	0.0	231.77	-2083.88	-14.33	-3.765e+04	4567.98	3.856e+05
		-5.546e+05	-2032.99	0.06	0.0	450.3	231.77	-2083.88	-14.33	-3.765e+04	-2032.99	-5.546e+05
123	13	1.718e+05	1696.80	0.01	0.0	0.0	271.03	-919.36	8.91	-3.434e+04	-3098.68	1.718e+05
		-2.553e+05	-3098.68	-0.02	0.0	450.3	271.03	-919.36	8.91	-3.434e+04	1696.80	-2.553e+05
123	14	5.485e+05	2150.95	-0.04	0.0	0.0	-568.73	1798.69	-6.24	3374.23	2150.95	-2.623e+05
		-2.623e+05	-705.25	0.05	0.0	450.3	-568.73	1798.69	-6.24	3374.23	-705.25	5.485e+05
123	15	7.406e+05	-326.84	-0.06	0.0	0.0	-698.85	2462.27	2.23	3321.53	-1052.07	-3.689e+05
		-3.689e+05	-1052.07	-6.05e-03	0.0	450.3	-698.85	2462.27	2.23	3321.53	-326.84	7.406e+05
123	16	2.894e+05	3428.67	0.02	0.0	0.0	174.00	-1563.56	-10.75	-2.835e+04	3428.67	2.894e+05
		-4.161e+05	-1525.26	0.05	0.0	450.3	174.00	-1563.56	-10.75	-2.835e+04	-1525.26	-4.161e+05
123	17	1.290e+05	1305.72	8.80e-03	0.0	0.0	206.22	-690.05	6.77	-2.583e+04	-2332.95	1.290e+05
		-1.916e+05	-2332.95	-0.02	0.0	450.3	206.22	-690.05	6.77	-2.583e+04	1305.72	-1.916e+05
124	1	2.252e+04	44.91	-3.18e-03	-1319.88	0.0	20.49	625.22	-0.52	-1178.73	44.91	-2.944e+04
		-4.166e+04	-138.44	-5.07e-04	0.0	352.0	20.49	-694.66	-0.52	-1178.73	-138.44	-4.166e+04
124	2	4355.07	64.93	-5.23e-03	-419.07	0.0	296.42	254.44	1.48	-1.463e+04	-456.23	-4.207e+04
		-4.207e+04	-456.23	-1.24e-03	0.0	352.0	296.42	-164.63	1.48	-1.463e+04	64.93	-1680.45
124	3	2737.05	24.47	-6.85e-04	-167.63	0.0	-12.58	42.88	0.19	-5568.59	-41.79	-2351.46
		-6924.31	-41.79	-9.17e-05	0.0	352.0	-12.58	-124.74	0.19	-5568.59	24.47	-6924.31
124	4	3573.58	49.17	-1.19e-03	-251.44	0.0	-2.26	70.02	0.39	-8433.00	-87.42	-5060.78
		-9916.86	-87.42	-1.64e-04	0.0	352.0	-2.26	-181.42	0.39	-8433.00	49.17	-9916.86
124	5	4.546e+04	59.03	-5.62e-03	-2463.77	0.0	13.73	1142.87	-0.26	5488.43	59.03	-4.754e+04
		-7.887e+04	-33.91	5.94e-05	0.0	352.0	13.73	-1320.90	-0.26	5488.43	-33.91	-7.887e+04
124	6	1.127e+06	8458.51	0.04	0.0	0.0	-379.84	6986.02	50.86	3.203e+04	-9461.92	-1.332e+06
		-1.332e+06	-9461.92	0.05	0.0	352.0	-379.84	6986.02	50.86	3.203e+04	8458.51	1.127e+06
124	7	6.032e+05	4824.54	0.03	0.0	0.0	316.24	3847.56	26.74	3.234e+04	-4630.01	-7.510e+05
		-7.510e+05	-4630.01	-0.02	0.0	352.0	316.24	3847.56	26.74	3.234e+04	4824.54	6.032e+05
124	8	2.235e+06	1.555e+04	-0.07	0.0	0.0	401.67	-1.187e+04	65.54	1.739e+04	-8095.11	2.235e+06
		-1.941e+06	-8095.11	0.10	0.0	352.0	401.67	-1.187e+04	65.54	1.739e+04	1.555e+04	-1.941e+06
124	9	3.164e+06	6955.03	-0.09	0.0	0.0	1169.57	-1.686e+04	-69.31	1.863e+04	6955.03	3.164e+06
		-2.771e+06	-1.809e+04	-0.09	0.0	352.0	1169.57	-1.686e+04	-69.31	1.863e+04	-1.809e+04	-2.771e+06
124	10	6.027e+05	4742.33	0.02	0.0	0.0	-229.31	3734.06	28.48	1.705e+04	-5295.30	-7.116e+05
		-7.116e+05	-5295.30	0.02	0.0	352.0	-229.31	3734.06	28.48	1.705e+04	4742.33	6.027e+05
124	11	3.210e+05	2631.47	0.02	0.0	0.0	191.68	2047.83	14.71	1.720e+04	-2573.77	-3.997e+05
		-3.997e+05	-2573.77	-0.01	0.0	352.0	191.68	2047.83	14.71	1.720e+04	2631.47	3.210e+05
124	12	1.218e+06	8932.33	-0.04	0.0	0.0	223.88	-6466.45	37.17	9280.92	-4496.16	1.218e+06
		-1.058e+06	-4496.16	0.05	0.0	352.0	223.88	-6466.45	37.17	9280.92	8932.33	-1.058e+06
124	13	1.678e+06	4134.43	-0.05	0.0	0.0	691.64	-8943.71	-41.37	9938.05	4134.43	1.678e+06
		-1.470e+06	-1.077e+04	-0.05	0.0	352.0	691.64	-8943.71	-41.37	9938.05	-1.077e+04	-1.470e+06
124	14	4.519e+05	3592.44	0.02	0.0	0.0	-176.89	2799.38	21.56	1.278e+04	-4007.40	-5.335e+05
		-5.335e+05	-4007.40	0.02	0.0	352.0	-176.89	2799.38	21.56	1.278e+04	3592.44	4.519e+05
124	15	2.404e+05	1982.34	0.01	0.0	0.0	147.35	1533.61	11.10	1.288e+04	-1946.10	-2.994e+05
		-2.994e+05	-1946.10	-8.80e-03	0.0	352.0	147.35	1533.61	11.10	1.288e+04	1982.34	2.404e+05
124	16	9.135e+05	6814.08	-0.03	0.0	0.0	169.54	-4850.95	28.28	6960.15	-3399.57	9.135e+05
		-7.939e+05	-3399.57	0.04	0.0	352.0	169.54	-4850.95	28.28	6960.15	6814.08	-7.939e+05
124	17	1.259e+06	3169.48	-0.04	0.0	0.0	534.97	-6709.44	-31.80	7455.69	3169.48	1.259e+06
		-1.102e+06	-8275.70	-0.04	0.0	352.0	534.97	-6709.44	-31.80	7455.69	-8275.70	-1.102e+06
125	1	1.795e+04	777.48	2.00e-03	-1319.88	0.0	126.44	675.68	-3.43	192.72	777.48	-4.289e+04
		-4.289e+04	-429.31	-5.31e-04	0.0	352.0	126.44	-644.19	-3.43	192.72	-429.31	-3.734e+04
125	2	5984.05	2620.32	9.38e-03	-419.09	0.0	419.15	100.29	-10.45	1.202e+04	2620.32	3780.25
		-5.926e+04	-1056.25	-1.39e-03	0.0	352.0	419.15	-318.79	-10.45	1.202e+04	-1056.25	-5.926e+04
125	3	-35.99	289.76	8.13e-04	-167.63	0.0	2.32	131.06	-1.13	4780.13	289.76	-1.082e+04
		-1.082e+04	-107.55	-8.31e-05	0.0	352.0	2.32	-36.57	-1.13	4780.13	-107.55	-4020.33
125	4	-476.58	470.98	1.51e-03	-251.45	0.0	20.45	188.75	-1.84	7169.28	470.98	-1.525e+04
		-1.525e+04	-175.87	-1.52e-04	0.0	352.0	20.45	-62.70	-1.84	7169.28	-175.87	-7823.81
125	5	4.371e+04	51.67	-3.99e-03	-2463.77	0.0	7.76	1342.35	-0.17	-6203.77	51.67	-8.487e+04
		-8.487e+04	-9.79	-3.93e-05	0.0	352.0	7.76	-1121.42	-0.17	-6203.77	-9.79	-4.599e+04
125	6	6.099e+05	6053.60	0.02	0.0	0.0	-348.03	3200.51	21.03	2.534e+04	-5213.01	-5.165e+05
		-5.165e+05	-5213.01	0.05	0.0	352.0	-348.03	3200.51	21.03	2.534e+04	6053.60	6.099e+05

125	7	9.502e+05	2863.41	0.02	0.0	0.0	303.01	4975.63	30.63	1.575e+04	-9135.53	-8.010e+05
		-8.010e+05	-9135.53	-0.02	0.0	352.0	303.01	4975.63	30.63	1.575e+04	2863.41	9.502e+05
125	8	2.325e+06	7333.37	-0.05	0.0	0.0	-2110.19	1.222e+04	-40.60	-1.058e+04	7333.37	-1.978e+06
		-1.978e+06	7319.96	0.10	0.0	352.0	-2110.19	1.222e+04	-40.60	-1.058e+04	7319.96	2.325e+06
125	9	3.097e+06	4091.79	-0.06	0.0	0.0	-2298.33	1.627e+04	24.16	-2.116e+04	-4537.74	-2.628e+06
		-2.628e+06	-4537.74	-0.09	0.0	352.0	-2298.33	1.627e+04	24.16	-2.116e+04	4091.79	3.097e+06
125	10	3.347e+05	3311.74	8.58e-03	0.0	0.0	-203.50	1756.24	11.69	1.353e+04	-3136.88	-2.834e+05
		-2.834e+05	-3136.88	0.02	0.0	352.0	-203.50	1756.24	11.69	1.353e+04	3311.74	3.347e+05
125	11	5.055e+05	1701.65	0.01	0.0	0.0	-1259.63	2646.72	18.13	8376.35	-5322.83	-4.261e+05
		-4.261e+05	-5322.83	-0.01	0.0	352.0	169.62	2646.72	18.13	8376.35	1701.65	5.055e+05
125	12	1.258e+06	4301.35	-0.03	0.0	0.0	-1171.29	6613.39	-23.15	-6198.09	4301.35	-1.070e+06
		-1.070e+06	4058.02	0.06	0.0	352.0	-1171.29	6613.39	-23.15	-6198.09	4058.02	1.258e+06
125	13	1.644e+06	2379.51	-0.03	0.0	0.0	-1259.63	8636.15	14.12	-1.125e+04	-2665.06	-1.395e+06
		-1.395e+06	-2665.06	-0.05	0.0	352.0	-1259.63	8636.15	14.12	-1.125e+04	2379.51	1.644e+06
125	14	2.510e+05	2495.41	6.43e-03	0.0	0.0	-155.85	1316.98	8.86	1.014e+04	-2409.06	-2.125e+05
		-2.125e+05	-2409.06	0.02	0.0	352.0	-155.85	1316.98	8.86	1.014e+04	2495.41	2.510e+05
125	15	3.785e+05	1303.26	9.27e-03	0.0	0.0	128.41	1981.85	13.90	6271.88	-4070.64	-3.191e+05
		-3.191e+05	-4070.64	-8.24e-03	0.0	352.0	128.41	1981.85	13.90	6271.88	1303.26	3.785e+05
125	16	9.435e+05	3299.14	-0.02	0.0	0.0	-888.86	4960.71	-17.63	-4651.34	3299.14	-8.025e+05
		-8.025e+05	3069.38	0.04	0.0	352.0	-888.86	4960.71	-17.63	-4651.34	3069.38	9.435e+05
125	17	1.233e+06	1799.80	-0.02	0.0	0.0	-953.75	6478.74	10.70	-8437.95	-2025.67	-1.047e+06
		-1.047e+06	-2025.67	-0.04	0.0	352.0	-953.75	6478.74	10.70	-8437.95	1799.80	1.233e+06
126	1	1.793e+04	354.31	-2.73e-03	-1319.88	0.0	135.22	642.54	1.77	-242.86	-269.17	-3.707e+04
		-4.320e+04	-269.17	4.21e-04	0.0	352.0	135.22	-677.34	1.77	-242.86	354.31	-4.320e+04
126	2	2224.65	834.70	-9.02e-03	-419.94	0.0	433.89	286.30	3.78	-1.231e+04	-496.82	-5.322e+04
		-5.322e+04	-496.82	7.96e-04	0.0	352.0	433.89	-133.63	3.78	-1.231e+04	834.70	-1722.87
126	3	617.54	64.44	-8.64e-04	-167.97	0.0	-2.11	21.74	0.38	-4843.68	-70.17	-1212.07
		-1.327e+04	-70.17	-9.02e-05	0.0	352.0	-2.11	-146.24	0.38	-4843.68	64.44	-1.327e+04
126	4	155.32	105.50	-1.57e-03	-251.96	0.0	14.26	40.62	0.62	-7266.93	-112.59	-3647.12
		-1.891e+04	-112.59	-1.25e-04	0.0	352.0	14.26	-211.34	0.62	-7266.93	105.50	-1.891e+04
126	5	4.363e+04	0.87	-5.37e-03	-2463.77	0.0	5.37	1122.49	-0.03	6141.36	0.87	-4.623e+04
		-8.473e+04	-11.20	-1.45e-04	0.0	352.0	5.37	-1341.28	-0.03	6141.36	-11.20	-8.473e+04
126	6	4.470e+05	7888.16	0.02	0.0	0.0	-967.16	2770.16	53.36	2.994e+04	-1.119e+04	-5.281e+05
		-5.281e+05	-1.119e+04	0.04	0.0	352.0	-967.16	2770.16	53.36	2.994e+04	7888.16	4.470e+05
126	7	7.225e+05	8451.66	0.03	0.0	0.0	-1235.90	4489.05	47.59	2.190e+04	-9275.77	-8.575e+05
		-8.575e+05	-9275.77	-0.04	0.0	352.0	-1235.90	4489.05	47.59	2.190e+04	8451.66	7.225e+05
126	8	3.112e+06	2597.13	-0.10	0.0	0.0	-1968.58	-1.634e+04	-16.38	2.117e+04	2597.13	-3.112e+06
		-2.640e+06	-3203.07	0.11	0.0	352.0	-1968.58	-1.634e+04	-16.38	2.117e+04	-3203.07	2.640e+06
126	9	2.451e+06	3832.56	-0.07	0.0	0.0	-2458.51	-1.289e+04	-22.19	1.013e+04	3832.56	-2.451e+06
		-2.084e+06	-3998.56	-0.10	0.0	352.0	-2458.51	-1.289e+04	-22.19	1.013e+04	-3998.56	2.084e+06
126	10	2.472e+05	4266.95	0.01	0.0	0.0	-533.72	1532.01	28.90	1.595e+04	-6103.09	-2.920e+05
		-2.920e+05	-6103.09	0.02	0.0	352.0	-533.72	1532.01	28.90	1.595e+04	4266.95	2.472e+05
126	11	3.843e+05	4954.35	0.02	0.0	0.0	-665.92	2387.70	26.90	1.165e+04	-5087.96	-4.561e+05
		-4.561e+05	-5087.96	-0.02	0.0	352.0	-665.92	2387.70	26.90	1.165e+04	4954.35	3.843e+05
126	12	1.653e+06	1516.85	-0.05	0.0	0.0	-1082.10	-8679.79	-9.59	1.126e+04	1516.85	-1.653e+06
		-1.402e+06	-1879.56	0.06	0.0	352.0	-1082.10	-8679.79	-9.59	1.126e+04	-1879.56	1.402e+06
126	13	1.319e+06	2082.33	-0.04	0.0	0.0	-1359.67	-6935.18	-12.06	5768.92	2082.33	-1.319e+06
		-1.122e+06	-2174.66	-0.05	0.0	352.0	-1359.67	-6935.18	-12.06	5768.92	-2174.66	1.122e+06
126	14	1.854e+05	3209.78	8.04e-03	0.0	0.0	-403.05	1149.08	21.76	1.195e+04	-4600.50	-2.190e+05
		-2.190e+05	-4600.50	0.01	0.0	352.0	-403.05	1149.08	21.76	1.195e+04	3209.78	1.854e+05
126	15	2.878e+05	3782.59	0.01	0.0	0.0	-500.03	1788.12	20.39	8721.95	-3833.86	-3.416e+05
		-3.416e+05	-3833.86	-0.01	0.0	352.0	-500.03	1788.12	20.39	8721.95	3782.59	2.878e+05
126	16	1.240e+06	1143.52	-0.04	0.0	0.0	-817.01	-6510.35	-7.23	8447.80	1143.52	-1.240e+06
		-1.052e+06	-1416.43	0.04	0.0	352.0	-817.01	-6510.35	-7.23	8447.80	-1416.43	1.052e+06
126	17	9.897e+05	1569.69	-0.03	0.0	0.0	-1033.01	-5202.82	-9.08	4329.04	1569.69	-9.897e+05
		-8.415e+05	-1636.51	-0.04	0.0	352.0	-1033.01	-5202.82	-9.08	4329.04	-1636.51	8.415e+05
127	1	2.239e+04	50.75	-1.66e-03	-1319.88	0.0	7.86	688.72	0.42	1152.00	-97.35	-4.074e+04
		-4.074e+04	-97.35	3.65e-04	0.0	352.0	7.86	-631.16	0.42	1152.00	50.75	-3.061e+04
127	2	7795.59	289.07	5.77e-03	-419.52	0.0	335.85	118.46	-2.17	1.389e+04	289.07	4794.83
		-5.195e+04	-474.33	5.68e-04	0.0	352.0	335.85	-301.06	-2.17	1.389e+04	-474.33	-5.195e+04
127	3	2358.28	67.43	6.57e-04	-167.81	0.0	-0.35	109.42	-0.28	5261.23	67.43	-4835.09
		-5696.51	-30.78	-8.44e-05	0.0	352.0	-0.35	-58.38	-0.28	5261.23	-30.78	-5696.51
127	4	3237.98	115.84	1.15e-03	-251.71	0.0	17.43	158.07	-0.53	7972.48	115.84	-6723.54
		-1.015e+04	-70.44	-1.18e-04	0.0	352.0	17.43	-93.64	-0.53	7972.48	-70.44	-1.015e+04
127	5	4.513e+04	64.07	-4.46e-03	-2463.77	0.0	2.12	1312.75	0.24	-5521.18	-20.77	-7.758e+04
		-7.758e+04	-20.77	-2.52e-04	0.0	352.0	2.12	-1151.02	0.24	-5521.18	64.07	-4.912e+04
127	6	1.469e+06	1.164e+04	-0.03	0.0	0.0	866.78	7714.95	64.73	3.104e+04	-1.117e+04	-1.247e+06
		-1.247e+06	-1.117e+04	0.04	0.0	352.0	866.78	7714.95	64.73	3.104e+04	1.164e+04	1.469e+06
127	7	8.449e+05	7663.14	0.02	0.0	0.0	1005.18	4345.14	44.65	3.130e+04	-8057.15	-6.844e+05
		-6.844e+05	-8057.15	-0.03	0.0	352.0	1005.18	4345.14	44.65	3.130e+04	7663.14	8.449e+05
127	8	3.165e+06	4758.90	-0.06	0.0	0.0	1451.54	1.688e+04	23.53	-1.879e+04	-3556.48	-2.775e+06
		-2.775e+06	-3556.48	0.11	0.0	352.0	1451.54	1.688e+04	23.53	-1.879e+04	4758.90	3.165e+06
127	9	2.323e+06	3776.71	-0.04	0.0	0.0	796.69	1.233e+04	-22.39	-1.849e+04	3776.71	-2.018e+06
		-2.018e+06	-4126.35	-0.09	0.0	352.0	796.69	1.233e+04	-22.39	-1.849e+04	-4126.35	2.323e+06
127	10	7.844e+05	6396.96	-0.01	0.0	0.0	481.74	4121.01	35.42	1.652e+04	-6082.31	-6.661e+05
		-6.661e+05	-6082.31	0.02	0.0	352.0	481.74	4121.01	35.42	1.652e+04	6396.96	7.844e+05

127	11	4.497e+05	4185.05	0.01	0.0	0.0	547.77	2312.45	24.33	1.665e+04	-4382.50-3.642e+05
		-3.642e+05	-4382.50	-0.02	0.0	352.0	547.77	2312.45	24.33	1.665e+04	4185.05 4.497e+05
127	12	1.680e+06	2698.10	-0.03	0.0	0.0	878.50	8956.92	13.35	-1.005e+04	-2019.94-1.473e+06
		-1.473e+06	-2019.94	0.06	0.0	352.0	878.50	8956.92	13.35	-1.005e+04	2698.10 1.680e+06
127	13	1.257e+06	2075.66	-0.02	0.0	0.0	475.54	6674.78	-12.36	-9851.25	2075.66-1.093e+06
		-1.093e+06	-2287.57	-0.05	0.0	352.0	475.54	6674.78	-12.36	-9851.25	-2287.57 1.257e+06
127	14	5.880e+05	4826.70	-0.01	0.0	0.0	364.78	3089.37	26.70	1.239e+04	-4581.68-4.993e+05
		-4.993e+05	-4581.68	0.02	0.0	352.0	364.78	3089.37	26.70	1.239e+04	4826.70 5.880e+05
127	15	3.367e+05	3151.87	8.93e-03	0.0	0.0	412.43	1731.56	18.32	1.247e+04	-3297.45-2.727e+05
		-2.727e+05	-3297.45	-0.01	0.0	352.0	412.43	1731.56	18.32	1.247e+04	3151.87 3.367e+05
127	16	1.260e+06	2040.41	-0.03	0.0	0.0	682.10	6717.96	10.08	-7538.94	-1521.88-1.105e+06
		-1.105e+06	-1521.88	0.05	0.0	352.0	682.10	6717.96	10.08	-7538.94	2040.41 1.260e+06
127	17	9.428e+05	1562.91	-0.02	0.0	0.0	369.89	5007.67	-9.31	-7389.99	1562.91-8.197e+05
		-8.197e+05	-1723.98	-0.04	0.0	352.0	369.89	5007.67	-9.31	-7389.99	-1723.98 9.428e+05
128	1	3.033e+04	190.63	-3.77e-03	-1405.86	0.0	-6.78	644.78	-1.10	-798.13	190.63-2.499e+04
		-4.679e+04	-220.22	-3.96e-04	0.0	374.9	-6.78	-761.08	-1.10	-798.13	-220.22-4.679e+04
128	2	6.940e+04	154.68	-6.74e-03	-3030.11	0.0	-11.61	1044.45	-1.28	2640.51	154.68-3.886e+04
		-1.356e+05	-326.52	-7.77e-04	0.0	374.9	-11.61	-1985.66	-1.28	2640.51	-326.52-1.356e+05
128	3	3.151e+04	56.75	-4.40e-03	-1212.04	0.0	-31.72	415.85	-0.24	1313.88	56.75-1.147e+04
		-5.090e+04	-34.94	-8.73e-06	0.0	374.9	-31.72	-796.20	-0.24	1313.88	-34.94-5.090e+04
128	4	4.668e+04	78.00	-6.35e-03	-1818.07	0.0	-39.81	623.22	-0.37	1943.90	78.00-1.771e+04
		-7.706e+04	-59.22	-2.52e-05	0.0	374.9	-39.81	-1194.84	-0.37	1943.90	-59.22-7.706e+04
128	5	5.912e+04	72.63	-7.38e-03	-2624.27	0.0	-43.59	1169.62	-0.31	206.93	72.63-3.856e+04
		-9.199e+04	-43.18	7.93e-05	0.0	374.9	-43.59	-1454.65	-0.31	206.93	-43.18-9.199e+04
128	6	1.661e+06	6200.58	0.05	0.0	0.0	325.44	9105.33	30.50	7289.27	-5292.59-1.753e+06
		-1.753e+06	-5292.59	0.09	0.0	374.9	325.44	9105.33	30.50	7289.27	6200.58 1.661e+06
128	7	2.493e+06	2019.21	0.07	0.0	0.0	197.66	1.359e+04	4.98	5933.69	-728.64-2.603e+06
		-2.603e+06	-728.64	-0.02	0.0	374.9	197.66	1.359e+04	4.98	5933.69	2019.21 2.493e+06
128	8	9.387e+05	6448.50	-0.03	0.0	0.0	-503.37	5066.82	37.35	6.314e+04	-7631.43-9.635e+05
		-9.635e+05	-7631.43	0.04	0.0	374.9	-503.37	5066.82	37.35	6.314e+04	6448.50 9.387e+05
128	9	1.718e+06	3634.16	-0.05	0.0	0.0	793.51	8970.53	24.14	6.428e+04	-5557.39-1.646e+06
		-1.646e+06	-5557.39	-0.08	0.0	374.9	793.51	8970.53	24.14	6.428e+04	3634.16 1.718e+06
128	10	9.030e+05	3428.62	0.03	0.0	0.0	193.12	4946.85	16.94	3889.28	-2957.73-9.517e+05
		-9.517e+05	-2957.73	0.05	0.0	374.9	193.12	4946.85	16.94	3889.28	3428.62 9.030e+05
128	11	1.326e+06	1083.81	0.04	0.0	0.0	119.96	7229.43	2.74	3159.53	-427.33-1.384e+06
		-1.384e+06	-427.33	-8.81e-03	0.0	374.9	119.96	7229.43	2.74	3159.53	1083.81 1.326e+06
128	12	5.467e+05	3593.66	-0.02	0.0	0.0	-283.49	2940.77	20.98	3.371e+04	-4318.26-5.571e+05
		-5.571e+05	-4318.26	0.02	0.0	374.9	-283.49	2940.77	20.98	3.371e+04	3593.66 5.467e+05
128	13	9.166e+05	2124.43	-0.03	0.0	0.0	445.33	4790.53	14.05	3.434e+04	-3228.51-8.796e+05
		-8.796e+05	-3228.51	-0.04	0.0	374.9	445.33	4790.53	14.05	3.434e+04	2124.43 9.166e+05
128	14	6.770e+05	2586.45	0.02	0.0	0.0	147.80	3709.15	12.78	2917.73	-2230.47-7.136e+05
		-7.136e+05	-2230.47	0.04	0.0	374.9	147.80	3709.15	12.78	2917.73	2586.45 6.770e+05
128	15	9.930e+05	814.00	0.03	0.0	0.0	92.14	5413.44	2.08	2366.33	-328.20-1.037e+06
		-1.037e+06	-328.20	-6.59e-03	0.0	374.9	92.14	5413.44	2.08	2366.33	814.00 9.930e+05
128	16	4.103e+05	2724.71	-0.01	0.0	0.0	-215.40	2206.75	15.93	2.529e+04	-3282.57-4.180e+05
		-4.180e+05	-3282.57	0.01	0.0	374.9	-215.40	2206.75	15.93	2.529e+04	2724.71 4.103e+05
128	17	6.876e+05	1615.67	-0.02	0.0	0.0	339.89	3593.96	10.69	2.578e+04	-2458.86-6.599e+05
		-6.599e+05	-2458.86	-0.03	0.0	374.9	339.89	3593.96	10.69	2.578e+04	1615.67 6.876e+05
129	1	3.165e+04	173.15	-4.62e-03	-1404.78	0.0	-7.03	821.87	-0.98	61.02	173.15-5.827e+04
		-5.827e+04	-195.78	-4.73e-04	0.0	374.6	-7.03	-582.90	-0.98	61.02	-195.78-5.827e+04
129	2	7.541e+04	179.31	-0.01	-3027.33	0.0	-97.59	2072.04	0.57	-3819.10	-34.68-1.478e+05
		-1.478e+05	-34.68	-1.40e-03	0.0	374.6	-97.59	-955.30	0.57	-3819.10	179.31-1.824e+04
129	3	3.038e+04	55.27	-3.65e-03	-1210.93	0.0	-29.10	761.45	0.22	-1457.58	55.27-1.812e+04
		-4.472e+04	-27.78	-9.88e-05	0.0	374.6	-29.10	-449.48	0.22	-1457.58	-27.78-4.472e+04
129	4	4.550e+04	88.89	-5.58e-03	-1816.40	0.0	-45.17	1147.67	0.37	-2207.95	88.89-6.830e+04
		-6.830e+04	-48.96	-1.79e-04	0.0	374.6	-45.17	-668.73	0.37	-2207.95	-48.96-6.830e+04
129	5	5.883e+04	43.06	-7.88e-03	-2622.25	0.0	-47.10	1444.43	0.20	-302.07	43.06-9.013e+04
		-9.013e+04	-32.97	-5.85e-05	0.0	374.6	-47.10	-1177.82	0.20	-302.07	-32.97-9.013e+04
129	6	1.895e+06	7508.55	0.04	0.0	0.0	327.77	9894.89	39.57	2.568e+04	-7357.84-1.811e+06
		-1.811e+06	-7357.84	0.08	0.0	374.6	327.77	9894.89	39.57	2.568e+04	7508.55 1.895e+06
129	7	2.554e+06	-1920.28	0.06	0.0	0.0	485.07	1.329e+04	11.97	-8286.44	-2768.08-2.425e+06
		-2.425e+06	-2768.08	-8.17e-03	0.0	374.6	485.07	1.329e+04	11.97	-8286.44	-1920.28-2.554e+06
129	8	1.573e+06	6566.35	0.04	0.0	0.0	542.12	-8343.48	30.78	-4.161e+04	-4980.19-1.573e+06
		-1.553e+06	-4980.19	0.07	0.0	374.6	542.12	-8343.48	30.78	-4.161e+04	6566.35-1.553e+06
129	9	6.515e+05	5568.83	0.03	0.0	0.0	-956.59	-3387.71	28.29	-8.053e+04	-5037.67-6.244e+05
		-6.244e+05	-5037.67	-0.07	0.0	374.6	-956.59	-3387.71	28.29	-8.053e+04	5568.83-6.244e+05
129	10	1.019e+06	4253.57	0.02	0.0	0.0	180.20	5319.97	22.26	1.425e+04	-4108.66-9.736e+05
		-9.736e+05	-4108.66	0.04	0.0	374.6	180.20	5319.97	22.26	1.425e+04	4253.57 1.019e+06
129	11	1.359e+06	-1096.04	0.03	0.0	0.0	277.49	7070.50	6.58	-4429.30	-1493.80-1.290e+06
		-1.290e+06	-1493.80	-4.03e-03	0.0	374.6	277.49	7070.50	6.58	-4429.30	-1096.04-1.359e+06
129	12	8.366e+05	3615.32	0.02	0.0	0.0	297.74	-4441.65	17.03	-2.371e+04	-2775.27-8.366e+05
		-8.277e+05	-2775.27	0.04	0.0	374.6	297.74	-4441.65	17.03	-2.371e+04	3615.32-8.277e+05
129	13	3.771e+05	3230.51	0.02	0.0	0.0	-548.81	-1972.29	16.42	-4.276e+04	-2924.40-3.651e+05
		-3.651e+05	-2924.40	-0.04	0.0	374.6	-548.81	-1972.29	16.42	-4.276e+04	3230.51-3.651e+05
129	14	7.642e+05	3219.91	0.02	0.0	0.0	136.15	3988.51	16.84	1.069e+04	-3106.29-7.299e+05
		-7.299e+05	-3106.29	0.03	0.0	374.6	136.15	3988.51	16.84	1.069e+04	3219.91 7.642e+05

129	15	1.017e+06	-836.32	0.02	0.0	0.0	210.77	5294.49	4.98	-3320.24	-1123.91	-9.660e+05
		-9.660e+05	-1123.91	-2.97e-03	0.0	374.6	210.77	5294.49	4.98	-3320.24	-836.32	1.017e+06
129	16	6.275e+05	2722.30	0.02	0.0	0.0	224.43	-3331.68	12.83	-1.780e+04	-2093.25	6.275e+05
		-6.208e+05	-2093.25	0.03	0.0	374.6	224.43	-3331.68	12.83	-1.780e+04	2722.30	-6.208e+05
129	17	2.830e+05	2468.15	0.01	0.0	0.0	-421.27	-1479.86	12.55	-3.209e+04	-2238.58	2.830e+05
		-2.739e+05	-2238.58	-0.03	0.0	374.6	-421.27	-1479.86	12.55	-3.209e+04	2468.15	-2.739e+05
130	1	3.093e+04	301.16	-3.36e-03	-1406.71	0.0	4.79	570.09	1.67	-312.97	-324.18	-1.216e+04
		-6.215e+04	-324.18	3.29e-04	0.0	375.1	4.79	-836.62	1.67	-312.97	301.16	-6.215e+04
130	2	7.720e+04	228.38	-7.01e-03	-3031.23	0.0	-81.54	846.77	1.08	3239.77	-177.39	-562.64
		-1.716e+05	-177.39	8.71e-04	0.0	375.1	-81.54	-2184.47	1.08	3239.77	228.38	-1.716e+05
130	3	3.112e+04	49.58	-4.31e-03	-1212.49	0.0	-32.73	410.88	-0.22	1338.02	49.58	-1.109e+04
		-5.244e+04	-32.26	-5.91e-06	0.0	375.1	-32.73	-801.61	-0.22	1338.02	-32.26	-5.244e+04
130	4	4.658e+04	70.69	-6.29e-03	-1818.74	0.0	-50.13	610.77	-0.31	2020.47	70.69	-1.582e+04
		-7.993e+04	-46.32	1.18e-05	0.0	375.1	-50.13	-1207.97	-0.31	2020.47	-46.32	-7.993e+04
130	5	5.843e+04	9.70	-7.28e-03	-2625.87	0.0	-46.66	1170.94	-0.04	-19.64	9.70	-3.947e+04
		-9.273e+04	-4.77	-1.38e-04	0.0	375.1	-46.66	-1454.93	-0.04	-19.64	-4.77	-9.273e+04
130	6	2.139e+06	1.225e+04	0.05	0.0	0.0	-1147.51	1.110e+04	56.36	3.017e+04	-8937.35	-2.025e+06
		-2.025e+06	-8937.35	0.08	0.0	375.1	-1147.51	1.110e+04	56.36	3.017e+04	1.225e+04	-2.139e+06
130	7	2.850e+06	5451.00	0.06	0.0	0.0	-1565.14	1.484e+04	22.44	-2358.37	-3073.63	-2.717e+06
		-2.717e+06	-3073.63	-0.02	0.0	375.1	-1565.14	1.484e+04	22.44	-2358.37	5451.00	2.850e+06
130	8	7.742e+05	7200.91	-0.04	0.0	0.0	-1209.61	4010.54	-40.93	8.482e+04	7200.91	-7.341e+05
		-7.341e+05	-8203.29	0.09	0.0	375.1	-1209.61	4010.54	-40.93	8.482e+04	-8203.29	7.742e+05
130	9	1.601e+06	6198.31	-0.05	0.0	0.0	-553.58	8152.34	-35.44	4.608e+04	6198.31	-1.458e+06
		-1.458e+06	-7116.49	-0.07	0.0	375.1	-553.58	8152.34	-35.44	4.608e+04	-7116.49	1.601e+06
130	10	1.149e+06	6683.70	0.02	0.0	0.0	-620.53	5966.57	30.91	1.649e+04	-4940.75	-1.089e+06
		-1.089e+06	-4940.75	0.04	0.0	375.1	-620.53	5966.57	30.91	1.649e+04	6683.70	1.149e+06
130	11	1.516e+06	2914.71	0.03	0.0	0.0	-844.88	7893.09	12.01	-1283.14	-1667.17	-1.445e+06
		-1.445e+06	-1667.17	-0.01	0.0	375.1	-844.88	7893.09	12.01	-1283.14	2914.71	1.516e+06
130	12	4.540e+05	4197.96	-0.02	0.0	0.0	-689.20	2351.04	-23.65	4.504e+04	4197.96	-4.298e+05
		-4.298e+05	-4701.99	0.04	0.0	375.1	-689.20	2351.04	-23.65	4.504e+04	-4701.99	4.540e+05
130	13	8.508e+05	3434.83	-0.03	0.0	0.0	-328.32	4335.19	-19.59	2.563e+04	3434.83	-7.756e+05
		-7.756e+05	-3926.34	-0.03	0.0	375.1	-328.32	4335.19	-19.59	2.563e+04	-3926.34	8.508e+05
130	14	8.617e+05	5030.41	0.02	0.0	0.0	-466.06	4473.14	23.29	1.237e+04	-3726.22	-8.164e+05
		-8.164e+05	-3726.22	0.03	0.0	375.1	-466.06	4473.14	23.29	1.237e+04	5030.41	8.617e+05
130	15	1.135e+06	2185.98	0.02	0.0	0.0	-634.62	5910.25	9.02	-966.83	-1255.23	-1.082e+06
		-1.082e+06	-1255.23	-8.99e-03	0.0	375.1	-634.62	5910.25	9.02	-966.83	2185.98	1.135e+06
130	16	3.407e+05	3207.33	-0.02	0.0	0.0	-527.47	1764.16	-18.01	3.379e+04	3207.33	-3.225e+05
		-3.225e+05	-3570.41	0.03	0.0	375.1	-527.47	1764.16	-18.01	3.379e+04	-3570.41	3.407e+05
130	17	6.383e+05	2595.58	-0.02	0.0	0.0	-251.61	3252.21	-14.78	1.923e+04	2595.58	-5.819e+05
		-5.819e+05	-2958.18	-0.03	0.0	375.1	-251.61	3252.21	-14.78	1.923e+04	-2958.18	6.383e+05
131	1	3.012e+04	189.93	-4.00e-03	-1405.86	0.0	-14.44	759.42	1.07	794.98	-211.90	-4.664e+04
		-4.664e+04	-211.90	2.74e-04	0.0	374.9	-14.44	-646.44	1.07	794.98	189.93	-2.546e+04
131	2	6.684e+04	177.76	-0.01	-3029.62	0.0	-17.44	1912.61	1.49	-2662.56	-381.08	-1.228e+05
		-1.228e+05	-381.08	1.87e-04	0.0	374.9	-17.44	-1117.00	1.49	-2662.56	177.76	-5.336e+04
131	3	3.045e+04	46.85	-3.66e-03	-1211.85	0.0	-34.60	761.29	0.23	-1330.01	-39.83	-4.460e+04
		-4.460e+04	-39.83	-1.24e-04	0.0	374.9	-34.60	-450.55	0.23	-1330.01	46.85	-1.824e+04
131	4	4.509e+04	67.55	-5.52e-03	-1817.77	0.0	-42.53	1142.92	0.37	-1968.49	-71.45	-6.770e+04
		-6.770e+04	-71.45	-1.88e-04	0.0	374.9	-42.53	-674.85	0.37	-1968.49	67.55	-2.779e+04
131	5	5.922e+04	99.84	-7.96e-03	-2624.27	0.0	-50.03	1453.75	0.46	-199.37	-72.78	-9.170e+04
		-9.170e+04	-72.78	-2.87e-04	0.0	374.9	-50.03	-1170.53	0.46	-199.37	99.84	-3.861e+04
131	6	1.709e+06	5532.56	0.04	0.0	0.0	1332.16	8810.33	31.89	-4161.58	-6478.74	-1.594e+06
		-1.594e+06	-6478.74	0.09	0.0	374.9	1332.16	8810.33	31.89	-4161.58	5532.56	1.709e+06
131	7	2.560e+06	1305.46	-0.05	0.0	0.0	1581.78	1.328e+04	13.49	-5924.40	-3817.48	-2.419e+06
		-2.419e+06	-3817.48	-0.02	0.0	374.9	1581.78	1.328e+04	13.49	-5924.40	1305.46	2.560e+06
131	8	1.902e+06	2426.71	0.05	0.0	0.0	771.13	-1.000e+04	-15.89	-5.856e+04	2426.71	1.902e+06
		-1.849e+06	-3614.68	0.10	0.0	374.9	771.13	-1.000e+04	-15.89	-5.856e+04	-3614.68	-1.849e+06
131	9	7.865e+05	5047.12	0.03	0.0	0.0	1131.27	-4205.29	-30.16	-6.613e+04	5047.12	7.865e+05
		-7.938e+05	-6272.91	-0.04	0.0	374.9	1131.27	-4205.29	-30.16	-6.613e+04	-6272.91	-7.938e+05
131	10	9.285e+05	3070.28	0.02	0.0	0.0	724.48	4790.61	17.58	-2385.00	-3556.04	-8.676e+05
		-8.676e+05	-3556.04	0.05	0.0	374.9	724.48	4790.61	17.58	-2385.00	3070.28	9.285e+05
131	11	1.361e+06	713.10	-0.03	0.0	0.0	849.12	7062.98	7.25	-3161.84	-2047.78	-1.287e+06
		-1.287e+06	-2047.78	-0.01	0.0	374.9	849.12	7062.98	7.25	-3161.84	713.10	1.361e+06
131	12	1.017e+06	1434.09	0.03	0.0	0.0	448.32	-5352.60	-9.38	-3.146e+04	1434.09	1.017e+06
		-9.903e+05	-2123.83	0.05	0.0	374.9	448.32	-5352.60	-9.38	-3.146e+04	-2123.83	-9.903e+05
131	13	4.610e+05	2798.95	0.02	0.0	0.0	622.12	-2460.76	-16.70	-3.521e+04	2798.95	4.610e+05
		-4.634e+05	-3470.24	-0.02	0.0	374.9	622.12	-2460.76	-16.70	-3.521e+04	-3470.24	-4.634e+05
131	14	6.962e+05	2317.27	0.01	0.0	0.0	545.22	3592.09	13.27	-1799.90	-2682.19	-6.505e+05
		-6.505e+05	-2682.19	0.04	0.0	374.9	545.22	3592.09	13.27	-1799.90	2317.27	6.962e+05
131	15	1.019e+06	539.05	-0.02	0.0	0.0	637.09	5288.88	5.45	-2369.19	-1536.83	-9.634e+05
		-9.634e+05	-1536.83	-8.72e-03	0.0	374.9	637.09	5288.88	5.45	-2369.19	539.05	1.019e+06
131	16	7.626e+05	1080.91	0.02	0.0	0.0	342.62	-4015.17	-7.07	-2.361e+04	1080.91	7.626e+05
		-7.429e+05	-1603.03	0.04	0.0	374.9	342.62	-4015.17	-7.07	-2.361e+04	-1603.03	-7.429e+05
131	17	3.459e+05	2126.52	0.01	0.0	0.0	472.27	-1846.51	-12.68	-2.642e+04	2126.52	3.459e+05
		-3.477e+05	-2631.67	-0.02	0.0	374.9	472.27	-1846.51	-12.68	-2.642e+04	-2631.67	-3.477e+05
132	1	1.790e+04	238.52	-1.77e-03	-1344.65	0.0	-19.13	698.13	-1.34	-282.42	238.52	-4.699e+04
		-4.699e+04	-243.21	-3.95e-04	0.0	358.6	-19.13	-646.52	-1.34	-282.42	-243.21	-3.774e+04

132	2	5.047e+04	445.71	-4.48e-03	-3601.66	0.0	-190.92	1784.75	-2.98	484.09	445.71-1.064e+05
		-1.122e+05	-622.40	-8.98e-04	0.0	358.6	-190.92	-1816.92	-2.98	484.09	-622.40-1.122e+05
132	3	2.046e+04	-6.89	-2.04e-03	-1440.66	0.0	-28.26	701.27	-0.08	-144.03	-6.89-4.002e+04
		-4.686e+04	-35.68	-4.43e-05	0.0	358.6	-28.26	-739.40	-0.08	-144.03	-35.68-4.686e+04
132	4	3.073e+04	10.71	-3.00e-03	-2161.00	0.0	-46.95	1049.16	-0.23	-128.08	10.71-5.950e+04
		-7.074e+04	-70.33	-8.20e-05	0.0	358.6	-46.95	-1111.84	-0.23	-128.08	-70.33-7.074e+04
132	5	3.461e+04	-16.88	-3.31e-03	-2510.02	0.0	-35.89	1250.66	-0.06	31.03	-16.88-7.712e+04
		-7.868e+04	-39.46	2.58e-05	0.0	358.6	-35.89	-1259.36	-0.06	31.03	-39.46-7.868e+04
132	6	1.926e+06	7855.14	0.04	0.0	0.0	266.34	1.079e+04	44.73	5.319e+04	-8187.99-1.943e+06
		-1.943e+06	-8187.99	0.09	0.0	358.6	266.34	1.079e+04	44.73	5.319e+04	7855.14 1.926e+06
132	7	2.707e+06	4991.60	0.06	0.0	0.0	-121.95	1.506e+04	27.91	4.714e+04	-5018.79-2.693e+06
		-2.693e+06	-5018.79	-0.01	0.0	358.6	-121.95	1.506e+04	27.91	4.714e+04	4991.60 2.707e+06
132	8	1.187e+06	5850.64	-0.03	0.0	0.0	869.29	-6345.49	30.60	9149.64	-5144.44 1.187e+06
		-1.094e+06	-5144.44	0.05	0.0	358.6	869.29	-6345.49	30.60	9149.64	5850.64-1.094e+06
132	9	1.012e+06	2979.81	-0.03	0.0	0.0	1282.18	5089.58	16.69	-7811.89	-3261.56-8.210e+05
		-8.210e+05	-3261.56	-0.07	0.0	358.6	1282.18	5089.58	16.69	-7811.89	2979.81 1.012e+06
132	10	1.039e+06	4300.59	0.02	0.0	0.0	156.66	5819.57	24.55	2.831e+04	-4505.43-1.047e+06
		-1.047e+06	-4505.43	0.05	0.0	358.6	156.66	5819.57	24.55	2.831e+04	4300.59 1.039e+06
132	11	1.440e+06	2682.65	0.03	0.0	0.0	-68.07	8008.79	15.00	2.510e+04	-2697.79-1.432e+06
		-1.432e+06	-2697.79	-7.15e-03	0.0	358.6	-68.07	8008.79	15.00	2.510e+04	2682.65 1.440e+06
132	12	6.447e+05	3246.81	-0.02	0.0	0.0	481.73	-3468.63	16.97	5065.37	-2852.16 6.447e+05
		-6.022e+05	-2852.16	0.02	0.0	358.6	481.73	-3468.63	16.97	5065.37	3246.81-6.022e+05
132	13	5.518e+05	1755.15	-0.02	0.0	0.0	729.30	2798.18	9.92	-4308.65	-1947.27-4.559e+05
		-4.559e+05	-1947.27	-0.04	0.0	358.6	729.30	2798.18	9.92	-4308.65	1755.15 5.518e+05
132	14	7.793e+05	3242.71	0.02	0.0	0.0	119.90	4363.20	18.52	2.122e+04	-3400.33-7.853e+05
		-7.853e+05	-3400.33	0.04	0.0	358.6	119.90	4363.20	18.52	2.122e+04	3242.71 7.793e+05
132	15	1.078e+06	2013.58	0.02	0.0	0.0	-51.72	5997.06	11.26	1.879e+04	-2025.35-1.072e+06
		-1.072e+06	-2025.35	-5.33e-03	0.0	358.6	-51.72	5997.06	11.26	1.879e+04	2013.58 1.078e+06
132	16	4.837e+05	2463.18	-0.01	0.0	0.0	364.99	-2602.20	12.86	3799.06	-2159.32 4.837e+05
		-4.518e+05	-2159.32	0.02	0.0	358.6	364.99	-2602.20	12.86	3799.06	2463.18-4.518e+05
132	17	4.140e+05	1337.94	-0.01	0.0	0.0	558.49	2099.42	7.59	-3232.39	-1494.29-3.421e+05
		-3.421e+05	-1494.29	-0.03	0.0	358.6	558.49	2099.42	7.59	-3232.39	1337.94 4.140e+05
133	1	1.888e+04	264.24	-1.66e-03	-1343.02	0.0	-38.20	625.37	1.60	563.55	-308.15-3.307e+04
		-4.959e+04	-308.15	2.76e-04	0.0	358.1	-38.20	-717.65	1.60	563.55	264.24-4.959e+04
133	2	5.270e+04	386.48	-5.88e-03	-3597.15	0.0	-260.37	1693.69	2.83	-394.75	-625.48-8.790e+04
		-1.254e+05	-625.48	4.68e-04	0.0	358.1	-260.37	-1903.46	2.83	-394.75	386.48-1.254e+05
133	3	2.066e+04	-21.91	-2.07e-03	-1438.86	0.0	-50.24	694.32	6.41e-03	37.29	-24.20-3.860e+04
		-4.758e+04	-24.20	-5.39e-05	0.0	358.1	-50.24	-744.54	6.41e-03	37.29	-21.91-4.758e+04
133	4	3.105e+04	-12.14	-3.19e-03	-2158.29	0.0	-79.44	1044.29	0.12	-25.03	-54.12-5.833e+04
		-7.081e+04	-54.12	-7.99e-05	0.0	358.1	-79.44	-1114.00	0.12	-25.03	-12.14-7.081e+04
133	5	3.466e+04	-16.44	-3.34e-03	-2506.97	0.0	-42.49	1249.30	0.07	276.28	-42.36-7.682e+04
		-7.832e+04	-42.36	-1.95e-04	0.0	358.1	-42.49	-1257.67	0.07	276.28	-16.44-7.832e+04
133	6	2.072e+06	1.119e+04	0.06	0.0	0.0	1775.10	1.198e+04	68.18	4.817e+04	-1.325e+04-2.219e+06
		-2.219e+06	-1.325e+04	0.08	0.0	358.1	1775.10	1.198e+04	68.18	4.817e+04	1.119e+04 2.072e+06
133	7	2.869e+06	7441.54	0.08	0.0	0.0	2215.87	1.668e+04	42.03	4.095e+04	-7614.52-3.105e+06
		-3.105e+06	-7614.52	-0.05	0.0	358.1	2215.87	1.668e+04	42.03	4.095e+04	7441.54 2.869e+06
133	8	1.328e+06	5692.75	-0.04	0.0	0.0	1401.90	-6689.91	-28.65	-9125.39	5692.75 1.328e+06
		-1.072e+06	-4779.94	0.09	0.0	358.1	1401.90	-6689.91	-28.65	-9125.39	-4779.94-1.072e+06
133	9	1.059e+06	8015.90	0.02	0.0	0.0	1912.31	5864.92	-35.73	-1.416e+04	8015.90-1.046e+06
		-1.046e+06	-4834.60	-0.05	0.0	358.1	1912.31	5864.92	-35.73	-1.416e+04	-4834.60 1.059e+06
133	10	1.117e+06	6102.12	0.03	0.0	0.0	954.98	6459.65	37.05	2.565e+04	-7183.86-1.197e+06
		-1.197e+06	-7183.86	0.05	0.0	358.1	954.98	6459.65	37.05	2.565e+04	6102.12 1.117e+06
133	11	1.526e+06	3997.09	0.04	0.0	0.0	1178.71	8870.33	22.60	2.182e+04	-4096.96-1.651e+06
		-1.651e+06	-4096.96	-0.03	0.0	358.1	1178.71	8870.33	22.60	2.182e+04	3997.09 1.526e+06
133	12	7.258e+05	3309.40	-0.02	0.0	0.0	825.50	-3675.48	-16.77	-5302.16	3309.40 7.258e+05
		-5.928e+05	-2828.69	0.05	0.0	358.1	825.50	-3675.48	-16.77	-5302.16	-2828.69-5.928e+05
133	13	5.751e+05	4368.69	0.01	0.0	0.0	1038.90	3204.36	-19.55	-7585.41	4368.69-5.752e+05
		-5.752e+05	-2668.20	-0.02	0.0	358.1	1038.90	3204.36	-19.55	-7585.41	-2668.20 5.751e+05
133	14	8.373e+05	4597.03	0.02	0.0	0.0	716.69	4842.97	27.89	1.923e+04	-5403.84-8.973e+05
		-8.973e+05	-5403.84	0.03	0.0	358.1	716.69	4842.97	27.89	1.923e+04	4597.03 8.373e+05
133	15	1.142e+06	2999.91	0.03	0.0	0.0	882.64	6642.03	16.96	1.634e+04	-3075.76-1.236e+06
		-1.236e+06	-3075.76	-0.02	0.0	358.1	882.64	6642.03	16.96	1.634e+04	2999.91 1.142e+06
133	16	5.445e+05	2496.42	-0.02	0.0	0.0	633.41	-2757.46	-12.72	-3985.73	2496.42 5.445e+05
		-4.448e+05	-2162.91	0.04	0.0	358.1	633.41	-2757.46	-12.72	-3985.73	-2162.91-4.448e+05
133	17	4.314e+05	3293.23	9.40e-03	0.0	0.0	785.79	2404.07	-14.75	-5696.50	3293.23-4.315e+05
		-4.315e+05	-2017.56	-0.02	0.0	358.1	785.79	2404.07	-14.75	-5696.50	-2017.56 4.314e+05
170	1	1.630e+04	2918.84	-1.76e-03	-1252.45	0.0	-300.36	656.77	11.75	1848.09	-1006.55-4.109e+04
		-4.109e+04	-1006.55	4.15e-03	0.0	334.0	-300.36	-595.68	11.75	1848.09	2918.84-3.089e+04
170	2	2.553e+04	3895.03	3.37e-03	0.0	0.0	-741.92	-16.62	16.46	4461.58	-1602.30-2.553e+04
		-3.108e+04	-1602.30	5.68e-03	0.0	334.0	-741.92	-16.62	16.46	4461.58	3895.03-3.108e+04
170	3	3660.56	80.48	1.70e-04	0.0	0.0	-21.02	-18.80	0.10	-106.61	47.64 3660.56
		-2616.99	47.64	-7.20e-05	0.0	334.0	-21.02	-18.80	0.10	-106.61	80.48 -2616.99
170	4	3862.80	179.40	3.42e-04	0.0	0.0	-44.27	-29.56	0.53	52.26	2.82 3862.80
		-6009.37	2.82	7.56e-05	0.0	334.0	-44.27	-29.56	0.53	52.26	179.40 -6009.37
170	5	861.93	7.29	1.72e-04	0.0	0.0	-30.98	-13.62	0.02	1362.04	-0.87 861.93
		-3685.53	-0.87	1.28e-04	0.0	334.0	-30.98	-13.62	0.02	1362.04	7.29 -3685.53

170	6	2.354e+06	2.157e+04	0.05	0.0	0.0	626.73	1.403e+04	-132.72	-3.803e+04	2.157e+04	-2.332e+06
		-2.332e+06	-2.276e+04	0.25	0.0	334.0	626.73	1.403e+04	-132.72	-3.803e+04	-2.276e+04	2.354e+06
170	7	1.912e+06	1355.28	0.04	0.0	0.0	100.48	1.156e+04	-10.93	-4.731e+04	1355.28	-1.950e+06
		-1.950e+06	-2402.20	-0.04	0.0	334.0	100.48	1.156e+04	-10.93	-4.731e+04	-2402.20	1.912e+06
170	8	5.238e+05	2.135e+04	0.02	0.0	0.0	-1630.11	3396.12	-129.80	1.603e+04	2.135e+04	-6.413e+05
		-6.413e+05	-2.203e+04	0.16	0.0	334.0	-1630.11	3396.12	-129.80	1.603e+04	-2.203e+04	5.238e+05
170	9	-3.524e+05	2.336e+04	0.07	0.0	0.0	-2111.80	-2713.41	130.02	8512.05	-2.014e+04	-3.524e+05
		-6.032e+05	-2.014e+04	-0.19	0.0	334.0	-2111.80	-2713.41	130.02	8512.05	2.336e+04	-6.032e+05
170	10	1.254e+06	1.175e+04	0.03	0.0	0.0	338.27	7473.23	-72.32	-2.043e+04	1.175e+04	-1.242e+06
		-1.242e+06	-1.241e+04	0.14	0.0	334.0	338.27	7473.23	-72.32	-2.043e+04	-1.241e+04	1.254e+06
170	11	1.018e+06	811.93	0.02	0.0	0.0	57.95	6154.41	-6.37	-2.523e+04	811.93	-1.038e+06
		-1.038e+06	-1370.56	-0.02	0.0	334.0	57.95	6154.41	-6.37	-2.523e+04	-1370.56	1.018e+06
170	12	2.967e+05	1.186e+04	8.26e-03	0.0	0.0	-887.44	1878.43	-72.31	8637.27	1.186e+04	-3.482e+05
		-3.482e+05	-1.231e+04	0.07	0.0	334.0	-887.44	1878.43	-72.31	8637.27	-1.231e+04	2.967e+05
170	13	-2.033e+05	1.269e+04	0.04	0.0	0.0	-1123.93	-1507.97	70.88	4832.67	-1.103e+04	-2.033e+05
		-3.277e+05	-1.103e+04	-0.10	0.0	334.0	-1123.93	-1507.97	70.88	4832.67	1.269e+04	-3.277e+05
170	14	9.403e+05	8811.25	0.02	0.0	0.0	253.73	5603.48	-54.23	-1.533e+04	8811.25	-9.312e+05
		-9.312e+05	-9303.04	0.10	0.0	334.0	253.73	5603.48	-54.23	-1.533e+04	-9303.04	9.403e+05
170	15	7.622e+05	620.82	0.02	0.0	0.0	44.09	4608.91	-4.85	-1.891e+04	620.82	-7.771e+05
		-7.771e+05	-1040.16	-0.02	0.0	334.0	44.09	4608.91	-4.85	-1.891e+04	-1040.16	7.622e+05
170	16	2.227e+05	8899.83	6.19e-03	0.0	0.0	-665.86	1409.79	-54.26	6483.75	8899.83	-2.613e+05
		-2.613e+05	-9235.89	0.05	0.0	334.0	-665.86	1409.79	-54.26	6483.75	-9235.89	2.227e+05
170	17	-1.526e+05	9525.59	0.03	0.0	0.0	-844.03	-1132.06	53.20	3628.70	-8279.01	-1.526e+05
		-2.460e+05	-8279.01	-0.07	0.0	334.0	-844.03	-1132.06	53.20	3628.70	9525.59	-2.460e+05
171	1	1.634e+04	2703.00	-1.13e-03	-1252.46	0.0	64.39	596.89	-10.74	-1614.99	2703.00	-3.104e+04
		-4.084e+04	-884.55	-4.00e-03	0.0	334.0	64.39	596.89	-10.74	-1614.99	-884.55	4.084e+04
171	2	-2.041e+04	3380.65	5.08e-03	0.0	0.0	319.71	-44.20	-13.80	-3100.30	3380.65	-2.041e+04
		-3.517e+04	-1227.18	-5.27e-03	0.0	334.0	319.71	-44.20	-13.80	-3100.30	-1227.18	3.517e+04
171	3	2281.14	179.96	-2.19e-04	0.0	0.0	2.62	-10.30	0.45	293.34	29.84	2281.14
		-1158.41	29.84	-1.09e-04	0.0	334.0	2.62	-10.30	0.45	293.34	179.96	-1158.41
171	4	1218.37	196.54	-2.44e-04	0.0	0.0	12.96	-13.21	0.25	273.32	113.52	1218.37
		-3193.26	113.52	-3.10e-04	0.0	334.0	12.96	-13.21	0.25	273.32	196.54	-3193.26
171	5	452.67	85.37	2.74e-04	0.0	0.0	-21.03	11.58	-0.33	-1327.38	85.37	-3413.33
		-3413.33	-24.79	-2.84e-04	0.0	334.0	-21.03	11.58	-0.33	-1327.38	-24.79	452.67
171	6	2.294e+06	2.190e+04	0.05	0.0	0.0	207.66	1.399e+04	-129.51	-3.708e+04	2.190e+04	-2.380e+06
		-2.380e+06	-2.136e+04	0.25	0.0	334.0	207.66	1.399e+04	-129.51	-3.708e+04	-2.136e+04	2.294e+06
171	7	1.920e+06	2017.58	0.04	0.0	0.0	-288.15	1.154e+04	-10.06	-4.710e+04	2017.58	-1.933e+06
		-1.933e+06	-1407.43	-0.01	0.0	334.0	-288.15	1.154e+04	-10.06	-4.710e+04	-1407.43	1.920e+06
171	8	-4.395e+05	2.652e+04	0.09	0.0	0.0	563.17	3224.34	-150.33	1.517e+04	2.652e+04	-4.395e+05
		-6.821e+05	-2.373e+04	0.23	0.0	334.0	563.17	3224.34	-150.33	1.517e+04	-2.373e+04	4.395e+05
171	9	-4.305e+05	1.758e+04	0.08	0.0	0.0	869.00	-2901.89	107.01	-1.065e+04	1.758e+04	-4.305e+05
		-5.736e+05	-1.819e+04	-0.14	0.0	334.0	869.00	-2901.89	107.01	-1.065e+04	-1.819e+04	5.736e+05
171	10	1.222e+06	1.197e+04	0.03	0.0	0.0	112.26	7454.42	-70.69	-1.994e+04	1.197e+04	-1.268e+06
		-1.268e+06	-1.164e+04	0.14	0.0	334.0	112.26	7454.42	-70.69	-1.994e+04	-1.164e+04	1.222e+06
171	11	1.022e+06	1186.33	0.02	0.0	0.0	-153.50	6139.48	-5.99	-2.513e+04	1186.33	-1.029e+06
		-1.029e+06	-847.87	-7.30e-03	0.0	334.0	-153.50	6139.48	-5.99	-2.513e+04	-847.87	1.022e+06
171	12	-2.517e+05	1.445e+04	0.05	0.0	0.0	302.75	1797.94	-82.12	8264.37	1.445e+04	-2.517e+05
		-3.731e+05	-1.300e+04	0.12	0.0	334.0	302.75	1797.94	-82.12	8264.37	-1.300e+04	2.517e+05
171	13	-2.442e+05	9789.54	0.04	0.0	0.0	467.61	-1597.63	59.73	-5897.82	-1.018e+04	-2.442e+05
		-3.095e+05	-1.018e+04	-0.07	0.0	334.0	467.61	-1597.63	59.73	-5897.82	9789.54	-3.095e+05
171	14	9.162e+05	8980.82	0.02	0.0	0.0	84.44	5589.58	-53.02	-1.496e+04	8980.82	-9.507e+05
		-9.507e+05	-8730.96	0.10	0.0	334.0	84.44	5589.58	-53.02	-1.496e+04	-8730.96	9.162e+05
171	15	7.651e+05	906.43	0.02	0.0	0.0	-114.99	4597.76	-4.58	-1.883e+04	906.43	-7.705e+05
		-7.705e+05	-649.53	-5.48e-03	0.0	334.0	-114.99	4597.76	-4.58	-1.883e+04	-649.53	7.651e+05
171	16	-1.889e+05	1.085e+04	0.04	0.0	0.0	227.55	1349.50	-61.64	6205.58	1.085e+04	-2.801e+05
		-2.801e+05	-9758.33	0.09	0.0	334.0	227.55	1349.50	-61.64	6205.58	-9758.33	1.889e+05
171	17	-1.834e+05	7347.72	0.03	0.0	0.0	351.19	-1199.43	44.83	-4428.65	-7638.47	-1.834e+05
		-2.324e+05	-7638.47	-0.05	0.0	334.0	351.19	-1199.43	44.83	-4428.65	7347.72	-2.324e+05
172	1	0.0	0.0	2.90e-03	-600.00	0.0	-877.09	600.00	86.17	1.29e-03	-1.379e+04	-4.800e+04
		-4.800e+04	-1.379e+04	-6.92e-03	0.0	160.0	-877.09	-1.94e-05	86.17	1.29e-03	0.0	0.0
172	2	0.0	0.0	0.03	-2605.03	0.0	-2168.46	2605.03	269.25	5.60e-03	-4.308e+04	-2.040e+05
		-2.040e+05	-4.308e+04	-0.02	0.0	160.0	-2168.46	-1.92e-04	269.25	5.60e-03	0.0	0.0
172	3	0.0	0.0	7.73e-05	0.0	0.0	-34.63	0.0	4.05	0.0	-648.12	0.0
		0.0	-648.12	-2.93e-04	0.0	160.0	-34.63	0.0	4.05	0.0	0.0	0.0
172	4	0.0	0.0	1.40e-03	-250.48	0.0	-67.33	250.48	12.10	5.46e-04	-1936.19	-1.961e+04
		-1.961e+04	-1936.19	-8.35e-04	0.0	160.0	-67.33	9.67e-06	12.10	5.46e-04	0.0	0.0
172	5	-9.77e-04	110.09	-7.67e-03	-1120.00	0.0	36.65	1120.00	-0.69	2.51e-03	110.09	-8.960e+04
		-8.960e+04	0.0	-3.29e-04	0.0	160.0	36.65	2.08e-05	-0.69	2.51e-03	0.0	-9.77e-04
172	6	1.892e+04	4.218e+04	0.20	0.0	0.0	-541.54	-118.27	-263.60	0.0	4.218e+04	1.892e+04
		0.0	0.0	0.15	0.0	160.0	-541.54	-118.27	-263.60	0.0	0.0	0.0
172	7	1.108e+04	4.513e+04	0.14	0.0	0.0	-783.84	-69.27	-282.05	0.0	4.513e+04	1.108e+04
		0.0	0.0	0.03	0.0	160.0	-783.84	-69.27	-282.05	0.0	0.0	0.0
172	8	0.0	0.0	-0.37	0.0	0.0	-7691.07	168.36	274.38	0.0	-4.390e+04	-2.694e+04
		-2.694e+04	-4.390e+04	0.14	0.0	160.0	-7691.07	168.36	274.38	0.0	0.0	0.0
172	9	0.0	0.0	-0.47	0.0	0.0	-8823.50	315.21	579.57	0.0	-9.273e+04	-5.043e+04
		-5.043e+04	-9.273e+04	-0.17	0.0	160.0	-8823.50	315.21	579.57	0.0	0.0	0.0

172	10	1.112e+04	2.255e+04	0.11	0.0	0.0	-312.49	-69.52	-140.95	0.0	2.255e+04	1.112e+04
		0.0	0.0	0.08	0.0	160.0	-312.49	-69.52	-140.95	0.0	0.0	0.0
172	11	6422.69	2.409e+04	0.07	0.0	0.0	-419.43	-40.14	-150.56	0.0	2.409e+04	6422.69
		0.0	0.0	0.01	0.0	160.0	-419.43	-40.14	-150.56	0.0	0.0	0.0
172	12	0.0	0.0	-0.20	0.0	0.0	-4138.74	96.44	156.32	0.0	-2.501e+04	-1.543e+04
		-1.543e+04	-2.501e+04	0.08	0.0	160.0	-4138.74	96.44	156.32	0.0	0.0	0.0
172	13	0.0	0.0	-0.25	0.0	0.0	-4698.77	186.42	310.16	0.0	-4.963e+04	-2.983e+04
		-2.983e+04	-4.963e+04	-0.09	0.0	160.0	-4698.77	186.42	310.16	0.0	0.0	0.0
172	14	8513.73	1.692e+04	0.08	0.0	0.0	-234.94	-53.21	-105.73	0.0	1.692e+04	8513.73
		0.0	0.0	0.06	0.0	160.0	-234.94	-53.21	-105.73	0.0	0.0	0.0
172	15	4907.49	1.805e+04	0.05	0.0	0.0	-314.45	-30.67	-112.82	0.0	1.805e+04	4907.49
		0.0	0.0	0.01	0.0	160.0	-314.45	-30.67	-112.82	0.0	0.0	0.0
172	16	0.0	0.0	-0.15	0.0	0.0	-3105.15	73.70	117.67	0.0	-1.883e+04	-1.179e+04
		-1.179e+04	-1.883e+04	0.06	0.0	160.0	-3105.15	73.70	117.67	0.0	0.0	0.0
172	17	0.0	0.0	-0.19	0.0	0.0	-3526.75	144.27	233.34	0.0	-3.733e+04	-2.308e+04
		-2.308e+04	-3.733e+04	-0.07	0.0	160.0	-3526.75	144.27	233.34	0.0	0.0	0.0
173	1	0.0	0.0	-3.66e-03	-600.00	0.0	-868.01	0.0	-67.62	-2.59e-03	0.0	0.0
		-4.800e+04	-1.082e+04	5.82e-03	0.0	160.0	-868.01	-600.00	-67.62	-2.59e-03	-1.082e+04	-4.800e+04
173	2	0.0	0.0	-0.04	-2604.74	0.0	-2160.66	0.0	-191.26	-0.01	0.0	0.0
		-2.039e+05	-3.060e+04	0.01	0.0	160.0	-2160.66	-2604.74	-191.26	-0.01	-3.060e+04	-2.039e+05
173	3	0.0	464.44	-9.26e-04	0.0	0.0	-62.22	0.0	2.90	0.0	0.0	0.0
		0.0	0.0	-2.15e-04	0.0	160.0	-62.22	0.0	2.90	0.0	464.44	0.0
173	4	0.0	0.0	-2.80e-03	-250.46	0.0	-109.19	-7.63e-06	-0.94	-1.08e-03	0.0	0.0
		-1.961e+04	-150.22	2.64e-05	0.0	160.0	-109.19	-250.46	-0.94	-1.08e-03	-150.22	-1.961e+04
173	5	0.0	289.49	7.56e-03	-1120.00	0.0	33.47	0.0	1.81	-4.91e-03	0.0	0.0
		-8.960e+04	0.0	2.28e-04	0.0	160.0	33.47	-1120.00	1.81	-4.91e-03	289.49	-8.960e+04
173	6	2.152e+04	0.0	0.23	0.0	0.0	-771.00	134.49	-69.52	0.0	0.0	0.0
		0.0	-1.112e+04	0.13	0.0	160.0	-771.00	134.49	-69.52	0.0	-1.112e+04	2.152e+04
173	7	1.211e+04	0.0	0.16	0.0	0.0	318.69	75.68	-125.17	0.0	0.0	0.0
		0.0	-2.003e+04	0.01	0.0	160.0	318.69	75.68	-125.17	0.0	-2.003e+04	1.211e+04
173	8	4.845e+04	0.0	0.47	0.0	0.0	-8234.88	302.83	-397.94	0.0	0.0	0.0
		0.0	-6.367e+04	0.17	0.0	160.0	-8234.88	302.83	-397.94	0.0	-6.367e+04	4.845e+04
173	9	4.442e+04	0.0	0.38	0.0	0.0	-7455.27	277.60	-155.94	0.0	0.0	0.0
		0.0	-2.495e+04	-0.13	0.0	160.0	-7455.27	277.60	-155.94	0.0	-2.495e+04	4.442e+04
173	10	1.269e+04	0.0	0.12	0.0	0.0	-424.59	79.33	-39.14	0.0	0.0	0.0
		0.0	-6261.64	0.07	0.0	160.0	-424.59	79.33	-39.14	0.0	-6261.64	1.269e+04
173	11	7044.50	0.0	0.08	0.0	0.0	173.57	44.03	-67.90	0.0	0.0	0.0
		0.0	-1.086e+04	6.41e-03	0.0	160.0	173.57	44.03	-67.90	0.0	-1.086e+04	7044.50
173	12	2.878e+04	0.0	0.25	0.0	0.0	-4385.27	179.88	-213.05	0.0	0.0	0.0
		0.0	-3.409e+04	0.09	0.0	160.0	-4385.27	179.88	-213.05	0.0	-3.409e+04	2.878e+04
173	13	2.621e+04	0.0	0.20	0.0	0.0	-3999.08	163.81	-91.02	0.0	0.0	0.0
		0.0	-1.456e+04	-0.07	0.0	160.0	-3999.08	163.81	-91.02	0.0	-1.456e+04	2.621e+04
173	14	9713.42	0.0	0.09	0.0	0.0	-318.84	60.71	-29.66	0.0	0.0	0.0
		0.0	-4744.98	0.05	0.0	160.0	-318.84	60.71	-29.66	0.0	-4744.98	9713.42
173	15	5377.71	0.0	0.06	0.0	0.0	130.81	33.61	-51.04	0.0	0.0	0.0
		0.0	-8166.35	4.80e-03	0.0	160.0	130.81	33.61	-51.04	0.0	-8166.35	5377.71
173	16	2.226e+04	0.0	0.19	0.0	0.0	-3290.07	139.11	-160.21	0.0	0.0	0.0
		0.0	-2.563e+04	0.07	0.0	160.0	-3290.07	139.11	-160.21	0.0	-2.563e+04	2.226e+04
173	17	2.029e+04	0.0	0.15	0.0	0.0	-3001.21	126.84	-69.15	0.0	0.0	0.0
		0.0	-1.106e+04	-0.05	0.0	160.0	-3001.21	126.84	-69.15	0.0	-1.106e+04	2.029e+04
174	1	2.737e+04	2510.53	3.19e-03	-1324.73	0.0	-199.02	628.47	-11.96	7581.77	2510.53	-2.514e+04
		-3.711e+04	-1715.51	4.49e-03	0.0	353.3	-199.02	-696.26	-11.96	7581.77	-1715.51	-3.711e+04
174	2	7.195e+04	6330.56	0.02	-2991.81	0.0	-606.53	1842.63	-25.65	4.211e+04	6330.56	-6.321e+04
		-6.321e+04	-2731.14	5.17e-03	0.0	353.3	-606.53	-1149.19	-25.65	4.211e+04	-2731.14	-6.003e+04
174	3	-1210.66	73.34	-8.08e-04	0.0	0.0	-22.22	3.16	0.62	876.47	-144.96	-2327.59
		-2327.59	-144.96	-1.76e-04	0.0	353.3	-22.22	3.16	0.62	876.47	73.34	-1210.66
174	4	2225.30	-4.47	-3.02e-04	-186.93	0.0	-32.75	112.49	-5.31e-03	3528.22	-4.47	-6624.69
		-6624.69	-6.34	-1.55e-05	0.0	353.3	-32.75	-74.44	-5.31e-03	3528.22	-6.34	-5444.88
174	5	-4132.29	-69.63	3.67e-03	0.0	0.0	-7.63	1.06	0.77	8248.43	-342.25	-4508.28
		-4508.28	-342.25	4.25e-04	0.0	353.3	-7.63	1.06	0.77	8248.43	-69.63	-4132.29
174	6	2.181e+06	8016.75	0.06	0.0	0.0	-3089.73	1.251e+04	71.49	1.339e+04	-2.425e+04	-2.239e+06
		-2.239e+06	-2.425e+04	0.27	0.0	353.3	-3089.73	1.251e+04	71.49	1.339e+04	8016.75	2.181e+06
174	7	1.652e+06	8840.23	0.05	0.0	0.0	-4212.08	9619.89	105.33	2.211e+04	-2.838e+04	-1.746e+06
		-1.746e+06	-2.838e+04	-0.03	0.0	353.3	-4212.08	9619.89	105.33	2.211e+04	8840.23	1.652e+06
174	8	5.408e+05	1.454e+04	0.02	0.0	0.0	-837.54	-3258.06	-94.10	1.265e+05	1.454e+04	5.408e+05
		-6.198e+05	-1.894e+04	0.16	0.0	353.3	-837.54	-3258.06	-94.10	1.265e+05	-1.894e+04	-6.198e+05
174	9	9.376e+05	5477.34	0.03	0.0	0.0	328.58	-5923.47	-44.36	1.603e+05	5477.34	9.376e+05
		-1.156e+06	-1.061e+04	-0.21	0.0	353.3	328.58	-5923.47	-44.36	1.603e+05	-1.061e+04	-1.156e+06
174	10	1.162e+06	4642.60	0.03	0.0	0.0	-1647.60	6667.73	39.23	7756.91	-1.300e+04	-1.193e+06
		-1.193e+06	-1.300e+04	0.15	0.0	353.3	-1647.60	6667.73	39.23	7756.91	4642.60	1.162e+06
174	11	8.793e+05	4709.99	0.02	0.0	0.0	-2245.65	5119.64	56.08	1.181e+04	-1.511e+04	-9.293e+05
		-9.293e+05	-1.511e+04	-0.02	0.0	353.3	-2245.65	5119.64	56.08	1.181e+04	4709.99	8.793e+05
174	12	3.161e+05	7748.33	0.01	0.0	0.0	-446.94	-1905.34	-50.47	6.822e+04	7748.33	3.161e+05
		-3.617e+05	-1.023e+04	0.07	0.0	353.3	-446.94	-1905.34	-50.47	6.822e+04	-1.023e+04	-3.617e+05
174	13	5.010e+05	3205.05	0.02	0.0	0.0	181.77	-3159.05	-25.58	8.532e+04	3205.05	5.010e+05
		-6.159e+05	-6036.98	-0.11	0.0	353.3	181.77	-3159.05	-25.58	8.532e+04	-6036.98	-6.159e+05

174	14	8.715e+05	3483.48	0.02	0.0	0.0	-1235.63	4999.61	29.43	5824.20	-9752.09	-8.947e+05
		-8.947e+05	-9752.09	0.11	0.0	353.3	-1235.63	4999.61	29.43	5824.20	3483.48	8.715e+05
174	15	6.585e+05	3528.45	0.02	0.0	0.0	-1682.38	3833.96	42.00	8849.32	-1.131e+04	-6.959e+05
		-6.959e+05	-1.131e+04	-0.01	0.0	353.3	-1682.38	3833.96	42.00	8849.32	3528.45	6.585e+05
174	16	2.373e+05	5812.26	7.83e-03	0.0	0.0	-335.62	-1430.20	-37.86	5.118e+04	5812.26	2.373e+05
		-2.715e+05	-7672.61	0.05	0.0	353.3	-335.62	-1430.20	-37.86	5.118e+04	-7672.61	-2.715e+05
174	17	3.760e+05	2405.02	0.01	0.0	0.0	137.31	-2370.88	-19.19	6.404e+04	2405.02	3.760e+05
		-4.622e+05	-4530.77	-0.08	0.0	353.3	137.31	-2370.88	-19.19	6.404e+04	-4530.77	-4.622e+05
175	1	2.758e+04	2490.83	-4.97e-03	-1324.54	0.0	-136.41	696.79	11.49	-7459.10	-1569.22	-3.700e+04
		-3.700e+04	-1569.22	-4.14e-03	0.0	353.2	-136.41	-627.74	11.49	-7459.10	2490.83	-2.481e+04
175	2	7.057e+04	6062.50	-0.02	-2991.31	0.0	-144.81	1067.42	23.72	-4.357e+04	-2317.15	-4.556e+04
		-7.755e+04	-2317.15	-4.31e-03	0.0	353.2	-144.81	-1923.89	23.72	-4.357e+04	6062.50	-7.755e+04
175	3	5282.88	172.32	2.12e-03	0.0	0.0	-62.52	-38.94	-1.32	-1379.26	172.32	5282.88
		-8469.38	-292.93	1.62e-04	0.0	353.2	-62.52	-38.94	-1.32	-1379.26	-292.93	-8469.38
175	4	4920.46	138.01	2.19e-03	-186.89	0.0	-79.09	21.52	-1.02	-4293.25	138.01	4139.04
		-1.573e+04	-221.45	2.67e-05	0.0	353.2	-79.09	-165.37	-1.02	-4293.25	-221.45	-1.573e+04
175	5	-3894.80	-117.74	-3.68e-03	0.0	0.0	7.92	-1.81	-0.59	-8216.90	-117.74	-3894.80
		-4533.41	-325.18	-6.22e-04	0.0	353.2	7.92	-1.81	-0.59	-8216.90	-325.18	-4533.41
175	6	2.241e+06	2.397e+04	0.05	0.0	0.0	2309.29	1.260e+04	70.75	-2.570e+04	-7989.93	-2.210e+06
		-2.210e+06	-7989.93	0.27	0.0	353.2	2309.29	1.260e+04	70.75	-2.570e+04	2.397e+04	2.241e+06
175	7	1.745e+06	2.823e+04	0.04	0.0	0.0	3209.39	9675.24	105.42	3978.80	-9020.19	-1.672e+06
		-1.672e+06	-9020.19	-0.02	0.0	353.2	3209.39	9675.24	105.42	3978.80	2.823e+04	1.745e+06
175	8	9.852e+05	6875.34	0.04	0.0	0.0	785.24	6198.25	55.40	-1.616e+05	-1.305e+04	-1.206e+06
		-1.206e+06	-1.305e+04	0.26	0.0	353.2	785.24	6198.25	55.40	-1.616e+05	6875.34	9.852e+05
175	9	4.485e+05	1.287e+04	0.02	0.0	0.0	358.98	2803.49	83.57	-1.303e+05	-1.678e+04	-5.528e+05
		-5.528e+05	-1.678e+04	-0.15	0.0	353.2	358.98	2803.49	83.57	-1.303e+05	1.287e+04	4.485e+05
175	10	1.195e+06	1.285e+04	0.03	0.0	0.0	1233.06	6716.59	38.86	-1.408e+04	-4633.21	-1.178e+06
		-1.178e+06	-4633.21	0.15	0.0	353.2	1233.06	6716.59	38.86	-1.408e+04	1.285e+04	1.195e+06
175	11	9.288e+05	1.503e+04	0.02	0.0	0.0	1712.07	5149.30	56.13	2174.76	-4807.70	-8.900e+05
		-8.900e+05	-4807.70	-0.01	0.0	353.2	1712.07	5149.30	56.13	2174.76	1.503e+04	9.288e+05
175	12	5.290e+05	3958.97	0.02	0.0	0.0	419.82	3320.04	31.59	-8.602e+04	-7381.56	-6.448e+05
		-6.448e+05	-7381.56	0.14	0.0	353.2	419.82	3320.04	31.59	-8.602e+04	3958.97	5.290e+05
175	13	2.629e+05	6854.86	9.59e-03	0.0	0.0	212.43	1636.39	44.77	-7.021e+04	-9045.91	-3.205e+05
		-3.205e+05	-9045.91	-0.07	0.0	353.2	212.43	1636.39	44.77	-7.021e+04	6854.86	2.629e+05
175	14	8.957e+05	9639.07	0.02	0.0	0.0	924.99	5036.47	29.15	-1.057e+04	-3476.58	-8.832e+05
		-8.832e+05	-3476.58	0.11	0.0	353.2	924.99	5036.47	29.15	-1.057e+04	9639.07	8.957e+05
175	15	6.956e+05	1.126e+04	0.01	0.0	0.0	1282.80	3856.16	42.04	1642.22	-3601.78	-6.665e+05
		-6.665e+05	-3601.78	-9.82e-03	0.0	353.2	1282.80	3856.16	42.04	1642.22	1.126e+04	6.956e+05
175	16	3.970e+05	2970.76	0.01	0.0	0.0	315.32	2491.63	23.71	-6.457e+04	-5538.81	-4.839e+05
		-4.839e+05	-5538.81	0.10	0.0	353.2	315.32	2491.63	23.71	-6.457e+04	2970.76	3.970e+05
175	17	1.974e+05	5143.01	7.20e-03	0.0	0.0	162.74	1228.71	33.59	-5.270e+04	-6788.64	-2.407e+05
		-2.407e+05	-6788.64	-0.05	0.0	353.2	162.74	1228.71	33.59	-5.270e+04	5143.01	1.974e+05
176	1	2.646e+04	4157.42	-5.82e-03	-1320.84	0.0	201.83	765.73	-46.31	-806.42	4157.42	-5.165e+04
		-5.165e+04	-4157.42	5.62e-03	0.0	352.2	201.83	-555.11	-46.31	-806.42	-1.216e+04	-1.455e+04
176	2	7.660e+04	5569.44	-0.03	-2988.21	0.0	786.59	1351.24	-63.42	-1.940e+04	5569.44	-9.620e+04
		-9.620e+04	-5569.44	7.33e-03	0.0	352.2	786.59	-1636.97	-63.42	-1.940e+04	-1.677e+04	-2.816e+04
176	3	2680.91	81.06	8.07e-04	0.0	0.0	-38.79	-24.30	-0.97	-830.36	81.06	2680.91
		-5878.41	-259.47	3.92e-05	0.0	352.2	-38.79	-24.30	-0.97	-830.36	-259.47	-5878.41
176	4	2391.52	218.94	-6.73e-04	-186.91	0.0	-20.66	55.42	-2.85	-2224.05	218.94	-2079.03
		-9990.56	-783.39	1.94e-04	0.0	352.2	-20.66	-131.49	-2.85	-2224.05	-783.39	-9990.56
176	5	281.30	53.08	-3.93e-03	0.0	0.0	97.22	22.85	-1.75	-129.75	53.08	-7766.67
		-7766.67	-562.43	-1.31e-04	0.0	352.2	97.22	22.85	-1.75	-129.75	-562.43	281.30
176	6	2.108e+06	1.955e+04	0.05	0.0	0.0	2635.67	1.163e+04	58.66	2.893e+04	-6924.75	-1.988e+06
		-1.988e+06	-6924.75	0.25	0.0	352.2	2635.67	1.163e+04	58.66	2.893e+04	1.955e+04	2.108e+06
176	7	1.811e+06	2.746e+04	0.04	0.0	0.0	4400.10	1.006e+04	108.27	-1.179e+04	-1.069e+04	-1.732e+06
		-1.732e+06	-1.069e+04	-0.04	0.0	352.2	4400.10	1.006e+04	108.27	-1.179e+04	2.746e+04	1.811e+06
176	8	8.398e+05	1.832e+04	-0.03	0.0	0.0	2315.50	5159.21	-102.24	-1.179e+05	1.832e+04	-9.804e+05
		-9.804e+05	-1.832e+04	0.21	0.0	352.2	2315.50	5159.21	-102.24	-1.179e+05	-1.899e+04	8.398e+05
176	9	4.537e+05	9392.10	-0.03	0.0	0.0	1701.08	3101.93	-77.07	-1.716e+05	9392.10	-6.491e+05
		-6.491e+05	-9392.10	-0.20	0.0	352.2	1701.08	3101.93	-77.07	-1.716e+05	-2.248e+04	4.537e+05
176	10	1.123e+06	1.042e+04	0.02	0.0	0.0	1409.73	6193.10	31.84	1.616e+04	-4029.14	-1.058e+06
		-1.058e+06	-4029.14	0.14	0.0	352.2	1409.73	6193.10	31.84	1.616e+04	1.042e+04	1.123e+06
176	11	9.641e+05	1.461e+04	0.02	0.0	0.0	2346.31	5354.30	57.57	-6386.73	-5682.48	-9.218e+05
		-9.218e+05	-5682.48	-0.02	0.0	352.2	2346.31	5354.30	57.57	-6386.73	1.461e+04	9.641e+05
176	12	4.473e+05	9835.90	-0.01	0.0	0.0	1242.79	2743.72	-54.52	-6.434e+04	9835.90	-5.209e+05
		-5.209e+05	-9835.90	0.10	0.0	352.2	1242.79	2743.72	-54.52	-6.434e+04	-1.021e+04	4.473e+05
176	13	2.558e+05	5513.91	-0.02	0.0	0.0	905.01	1721.86	-43.29	-9.118e+04	5513.91	-3.564e+05
		-3.564e+05	-5513.91	-0.10	0.0	352.2	905.01	1721.86	-43.29	-9.118e+04	-1.225e+04	2.558e+05
176	14	8.420e+05	7808.81	0.02	0.0	0.0	1057.44	4643.63	23.88	1.213e+04	-3023.79	-7.936e+05
		-7.936e+05	-3023.79	0.10	0.0	352.2	1057.44	4643.63	23.88	1.213e+04	7808.81	8.420e+05
176	15	7.220e+05	1.094e+04	0.02	0.0	0.0	1757.85	4009.77	43.10	-4801.62	-4255.18	-6.903e+05
		-6.903e+05	-4255.18	-0.01	0.0	352.2	1757.85	4009.77	43.10	-4801.62	1.094e+04	7.220e+05
176	16	3.356e+05	7384.21	-0.01	0.0	0.0	932.37	2058.47	-40.97	-4.827e+04	7384.21	-3.908e+05
		-3.908e+05	-7384.21	0.08	0.0	352.2	932.37	2058.47	-40.97	-4.827e+04	-7678.60	3.356e+05
176	17	1.921e+05	4147.06	-0.01	0.0	0.0	679.23	1292.51	-32.65	-6.845e+04	4147.06	-2.675e+05
		-2.675e+05	-4147.06	-0.08	0.0	352.2	679.23	1292.51	-32.65	-6.845e+04	-9234.14	1.921e+05

177	1	2.707e+04	3868.40	4.79e-03	-1320.84	0.0	309.35	552.85	43.02	1017.06	-1.128e+04	-1.359e+04
		-5.148e+04	-1.128e+04	-4.79e-03	0.0	352.2	309.35	-767.99	43.02	1017.06	3868.40	-5.148e+04
177	2	7.801e+04	4899.90	0.02	-2987.84	0.0	500.87	1620.38	53.11	2.215e+04	-1.381e+04	-2.457e+04
		-9.836e+04	-1.381e+04	-6.46e-03	0.0	352.2	500.87	-1367.47	53.11	2.215e+04	4899.90	-9.836e+04
177	3	586.26	80.17	-1.88e-03	0.0	0.0	-73.91	12.16	0.50	1768.24	-96.40	-3697.91
		-3697.91	-96.40	-2.80e-04	0.0	352.2	-73.91	12.16	0.50	1768.24	80.17	586.26
177	4	2262.15	221.03	-1.09e-03	-186.90	0.0	-84.98	114.43	2.10	3668.30	-517.74	-6919.80
		-6919.80	-517.74	-5.29e-04	0.0	352.2	-84.98	-72.46	2.10	3668.30	221.03	-5013.19
177	5	1447.72	131.85	4.00e-03	0.0	0.0	74.77	-27.87	2.38	150.56	-706.83	1447.72
		-8368.35	-706.83	-1.20e-04	0.0	352.2	74.77	-27.87	2.38	150.56	131.85	-8368.35
177	6	1.932e+06	7247.16	0.06	0.0	0.0	-681.23	1.133e+04	42.81	4.748e+04	-1.506e+04	-2.058e+06
		-2.058e+06	-1.506e+04	0.26	0.0	352.2	-681.23	1.133e+04	42.81	4.748e+04	7247.16	1.932e+06
177	7	1.688e+06	9353.92	0.05	0.0	0.0	-2162.25	9824.45	95.99	7754.69	-2.448e+04	-1.772e+06
		-1.772e+06	-2.448e+04	-0.14	0.0	352.2	-2162.25	9824.45	95.99	7754.69	9353.92	1.688e+06
177	8	5.040e+05	1.086e+04	0.04	0.0	0.0	2319.77	-3262.84	62.85	1.700e+05	-1.730e+04	5.040e+05
		-6.565e+05	-1.730e+04	0.24	0.0	352.2	2319.77	-3262.84	62.85	1.700e+05	1.086e+04	-6.565e+05
177	9	8.305e+05	1.634e+04	0.04	0.0	0.0	2537.47	-5107.96	89.28	1.190e+05	-1.604e+04	8.305e+05
		-9.704e+05	-1.604e+04	-0.19	0.0	352.2	2537.47	-5107.96	89.28	1.190e+05	1.634e+04	-9.704e+05
177	10	1.029e+06	4177.87	0.03	0.0	0.0	-378.57	6032.24	23.69	2.579e+04	-8063.72	-1.096e+06
		-1.096e+06	-8063.72	0.14	0.0	352.2	-378.57	6032.24	23.69	2.579e+04	4177.87	1.029e+06
177	11	8.984e+05	4976.89	0.03	0.0	0.0	-1155.27	5229.13	51.06	4185.41	-1.302e+04	-9.434e+05
		-9.434e+05	-1.302e+04	-0.08	0.0	352.2	-1155.27	5229.13	51.06	4185.41	4976.89	8.984e+05
177	12	2.855e+05	6335.37	0.02	0.0	0.0	1232.84	-1824.27	36.29	9.043e+04	-9533.87	2.855e+05
		-3.632e+05	-9533.87	0.12	0.0	352.2	1232.84	-1824.27	36.29	9.043e+04	6335.37	-3.632e+05
177	13	4.412e+05	8766.97	0.02	0.0	0.0	1362.82	-2712.03	47.74	6.465e+04	-8652.62	4.412e+05
		-5.151e+05	-8652.62	-0.09	0.0	352.2	1362.82	-2712.03	47.74	6.465e+04	8766.97	-5.151e+05
177	14	7.714e+05	3134.55	0.02	0.0	0.0	-284.78	4523.19	17.79	1.935e+04	-6051.23	-8.218e+05
		-8.218e+05	-6051.23	0.11	0.0	352.2	-284.78	4523.19	17.79	1.935e+04	3134.55	7.714e+05
177	15	6.728e+05	3727.12	0.02	0.0	0.0	-865.94	3916.10	38.23	3144.10	-9750.93	-7.065e+05
		-7.065e+05	-9750.93	-0.06	0.0	352.2	-865.94	3916.10	38.23	3144.10	3727.12	6.728e+05
177	16	2.143e+05	4754.72	0.02	0.0	0.0	925.09	-1368.80	27.29	6.788e+04	-7176.19	2.143e+05
		-2.725e+05	-7176.19	0.09	0.0	352.2	925.09	-1368.80	27.29	6.788e+04	4754.72	-2.725e+05
177	17	3.311e+05	6583.57	0.02	0.0	0.0	1022.46	-2035.33	35.92	4.852e+04	-6524.42	3.311e+05
		-3.866e+05	-6524.42	-0.07	0.0	352.2	1022.46	-2035.33	35.92	4.852e+04	6583.57	-3.866e+05
178	1	3.295e+04	7645.22	5.34e-03	-1514.78	0.0	1746.34	846.91	-50.39	-5041.26	7645.22	-6.268e+04
		-6.268e+04	-1.271e+04	6.46e-03	0.0	403.9	1746.34	-667.87	-50.39	-5041.26	-1.271e+04	-2.652e+04
178	2	3.774e+05	6847.33	-0.05	-1.717e+04	0.0	4983.56	9068.92	-58.35	9668.98	6847.33	-5.870e+05
		-5.870e+05	-1.672e+04	0.01	0.0	403.9	4983.56	-8105.21	-58.35	9668.98	-1.672e+04	-3.925e+05
178	3	2838.40	104.49	5.12e-04	0.0	0.0	42.34	-11.77	-0.78	615.87	104.49	2838.40
		-1915.86	-211.90	-5.97e-05	0.0	403.9	42.34	-11.77	-0.78	615.87	-211.90	-1915.86
178	4	3.415e+04	66.52	-4.19e-03	-1651.36	0.0	122.16	832.82	-1.77	1650.65	66.52	-5.067e+04
		-5.067e+04	-647.45	2.68e-04	0.0	403.9	122.16	-818.54	-1.77	1650.65	-647.45	-4.780e+04
178	5	4.155e+04	-171.34	-4.56e-03	-2827.58	0.0	-100.04	1456.59	2.44	-407.27	-1158.60	-1.099e+05
		-1.099e+05	-1158.60	5.46e-04	0.0	403.9	-100.04	-1370.99	2.44	-407.27	-171.34	-9.258e+04
178	6	7.673e+05	1.957e+04	0.05	0.0	0.0	-3221.57	3873.39	63.78	-6.949e+04	-1.199e+04	-7.973e+05
		-7.973e+05	-1.199e+04	0.25	0.0	403.9	-3221.57	3873.39	63.78	-6.949e+04	1.957e+04	7.673e+05
178	7	5.324e+05	2.786e+04	0.04	0.0	0.0	-444.57	2712.79	102.08	-7.175e+04	-1.361e+04	-5.634e+05
		-5.634e+05	-1.361e+04	-0.05	0.0	403.9	-444.57	2712.79	102.08	-7.175e+04	2.786e+04	5.324e+05
178	8	1.399e+06	2.261e+04	-0.06	0.0	0.0	9950.00	-6968.11	-107.65	-8901.53	2.261e+04	1.399e+06
		-1.415e+06	-2.172e+04	0.36	0.0	403.9	9950.00	-6968.11	-107.65	-8901.53	-2.172e+04	-1.415e+06
178	9	1.792e+06	1.208e+04	-0.08	0.0	0.0	1.245e+04	-8925.18	-84.92	-9551.04	1.208e+04	1.792e+06
		-1.814e+06	-2.460e+04	-0.30	0.0	403.9	1.245e+04	-8925.18	-84.92	-9551.04	-2.460e+04	-1.814e+06
178	10	4.096e+05	1.049e+04	0.03	0.0	0.0	-1737.90	2067.04	35.58	-3.704e+04	-7049.32	-4.254e+05
		-4.254e+05	-7049.32	0.14	0.0	403.9	-1737.90	2067.04	35.58	-3.704e+04	1.049e+04	4.096e+05
178	11	2.834e+05	1.483e+04	0.02	0.0	0.0	-249.10	1444.18	54.46	-3.821e+04	-7329.67	-2.999e+05
		-2.999e+05	-7329.67	-0.03	0.0	403.9	-249.10	1444.18	54.46	-3.821e+04	1.483e+04	2.834e+05
178	12	7.567e+05	1.208e+04	-0.03	0.0	0.0	5410.27	-3768.27	-57.43	-4762.30	1.208e+04	7.567e+05
		-7.654e+05	-1.167e+04	0.20	0.0	403.9	5410.27	-3768.27	-57.43	-4762.30	-1.167e+04	-7.654e+05
178	13	9.523e+05	7028.43	-0.04	0.0	0.0	6626.72	-4744.56	-47.28	-5105.72	7028.43	9.523e+05
		-9.642e+05	-1.339e+04	-0.16	0.0	403.9	6626.72	-4744.56	-47.28	-5105.72	-1.339e+04	-9.642e+05
178	14	3.072e+05	7867.42	0.02	0.0	0.0	-1303.25	1550.16	26.69	-2.778e+04	-5290.94	-3.190e+05
		-3.190e+05	-5290.94	0.10	0.0	403.9	-1303.25	1550.16	26.69	-2.778e+04	7867.42	3.072e+05
178	15	2.123e+05	1.111e+04	0.01	0.0	0.0	-188.64	1081.63	40.81	-2.862e+04	-5505.28	-2.246e+05
		-2.246e+05	-5505.28	-0.02	0.0	403.9	-188.64	1081.63	40.81	-2.862e+04	1.111e+04	2.123e+05
178	16	5.677e+05	9072.91	-0.02	0.0	0.0	4059.68	-2826.99	-43.15	-3570.96	9072.91	5.677e+05
		-5.742e+05	-8770.05	0.15	0.0	403.9	4059.68	-2826.99	-43.15	-3570.96	-8770.05	-5.742e+05
178	17	7.147e+05	5296.65	-0.03	0.0	0.0	4975.57	-3560.75	-35.64	-3834.28	5296.65	7.147e+05
		-7.237e+05	-1.009e+04	-0.12	0.0	403.9	4975.57	-3560.75	-35.64	-3834.28	-1.009e+04	-7.237e+05
179	1	3.292e+04	6077.67	-7.79e-03	-1514.58	0.0	1750.22	647.89	41.86	5590.30	-1.083e+04	-2.302e+04
		-6.720e+04	-1.083e+04	-4.91e-03	0.0	403.9	1750.22	-866.69	41.86	5590.30	6077.67	-6.720e+04
179	2	3.903e+05	1567.37	-0.07	-1.717e+04	0.0	5108.69	8201.26	28.32	-8095.67	-9871.34	-3.992e+05
		-5.538e+05	-9871.34	-6.03e-03	0.0	403.9	5108.69	-8967.80	28.32	-8095.67	1567.37	-5.538e+05
179	3	8040.28	165.67	-1.63e-03	0.0	0.0	153.88	25.39	-0.54	787.27	165.67	-2216.23
		-2216.23	-50.52	-4.33e-05	0.0	403.9	153.88	25.39	-0.54	787.27	-50.52	8040.28
179	4	3.841e+04	71.29	-7.16e-03	-1650.87	0.0	292.71	844.87	-1.07	273.76	71.29	-4.887e+04
		-4.887e+04	-359.90	-2.04e-04	0.0	403.9	292.71	-806.00	-1.07	273.76	-359.90	-4.101e+04

179	5	4.128e+04	-4.19	-4.81e-03	-2827.21	0.0	-86.62	1371.16	-4.17	1319.28	-4.19	-9.288e+04
		-1.100e+05	-1689.53	-5.85e-04	0.0	403.9	-86.62	-1456.05	-4.17	1319.28	-1689.53	-1.100e+05
179	6	6.969e+05	-8904.14	0.06	0.0	0.0	2324.35	3638.94	60.93	-5.006e+04	-8904.14	-7.728e+05
		-7.728e+05	-2.341e+04	0.26	0.0	403.9	2324.35	3638.94	60.93	-5.006e+04	-2.341e+04	6.969e+05
179	7	4.688e+05	-9568.93	0.04	0.0	0.0	-796.58	2468.19	49.31	-5.745e+04	-1.843e+04	5.280e+05
		-5.280e+05	-1.843e+04	-0.05	0.0	403.9	-796.58	2468.19	49.31	-5.745e+04	-9568.93	4.688e+05
179	8	1.629e+06	1.186e+04	0.08	0.0	0.0	1.144e+04	8293.92	62.49	5.462e+04	-1.715e+04	-1.721e+06
		-1.721e+06	-1.715e+04	0.34	0.0	403.9	1.144e+04	8293.92	62.49	5.462e+04	1.186e+04	1.629e+06
179	9	1.344e+06	1.845e+04	0.06	0.0	0.0	9560.46	6822.27	84.05	4.451e+04	-1.611e+04	-1.411e+06
		-1.411e+06	-1.611e+04	-0.33	0.0	403.9	9560.46	6822.27	84.05	4.451e+04	1.845e+04	1.344e+06
179	10	3.720e+05	-5018.86	0.03	0.0	0.0	1271.79	1942.82	35.40	-2.675e+04	-5018.86	-4.127e+05
		-4.127e+05	-1.312e+04	0.14	0.0	403.9	1271.79	1942.82	35.40	-2.675e+04	-1.312e+04	3.720e+05
179	11	2.496e+05	-5684.49	0.02	0.0	0.0	-430.08	1314.08	27.61	-3.061e+04	-9846.02	-5.812e+05
		-2.812e+05	-9846.02	-0.03	0.0	403.9	-430.08	1314.08	27.61	-3.061e+04	-5684.49	2.496e+05
179	12	8.665e+05	6994.20	0.04	0.0	0.0	6087.17	4411.55	35.89	2.908e+04	-9470.49	-9.153e+05
		-9.153e+05	-9470.49	0.19	0.0	403.9	6087.17	4411.55	35.89	2.908e+04	6994.20	8.665e+05
179	13	7.235e+05	9896.83	0.03	0.0	0.0	5168.75	3672.66	44.98	2.391e+04	-8666.73	-7.599e+05
		-7.599e+05	-8666.73	-0.18	0.0	403.9	5168.75	3672.66	44.98	2.391e+04	9896.83	7.235e+05
179	14	2.790e+05	-3776.47	0.02	0.0	0.0	954.39	1456.99	26.72	-2.006e+04	-3776.47	-3.095e+05
		-3.095e+05	-9886.41	0.10	0.0	403.9	954.39	1456.99	26.72	-2.006e+04	-9886.41	2.790e+05
179	15	1.869e+05	-4360.56	0.02	0.0	0.0	-323.22	984.11	20.92	-2.293e+04	-7380.76	-2.106e+05
		-2.106e+05	-7380.76	-0.02	0.0	403.9	-323.22	984.11	20.92	-2.293e+04	-4360.56	1.869e+05
179	16	6.501e+05	5251.65	0.03	0.0	0.0	4568.32	3310.08	26.99	2.182e+04	-7124.42	-6.868e+05
		-6.868e+05	-7124.42	0.14	0.0	403.9	4568.32	3310.08	26.99	2.182e+04	5251.65	6.501e+05
179	17	5.429e+05	7435.45	0.02	0.0	0.0	3880.18	2756.20	33.84	1.795e+04	-6531.95	-5.703e+05
		-5.703e+05	-6531.95	-0.13	0.0	403.9	3880.18	2756.20	33.84	1.795e+04	7435.45	5.429e+05
180	1	1.089e+05	1564.59	-0.02	-2605.43	0.0	30.19	1070.08	-3.40	-4678.48	1564.59	-1.782e+04
		-1.525e+05	-403.70	7.74e-03	0.0	579.0	30.19	-1535.35	-3.40	-4678.48	-403.70	-1.525e+05
180	2	5.309e+05	3608.40	-0.10	-1.250e+04	0.0	1440.27	5637.36	-8.46	-1.598e+04	3608.40	-1.241e+05
		-6.671e+05	-1287.90	6.57e-03	0.0	579.0	1440.27	-6864.87	-8.46	-1.598e+04	-1287.90	-6.671e+05
180	3	3697.95	30.41	-9.86e-04	0.0	0.0	62.59	10.73	-0.11	-729.41	30.41	-2514.80
		-2514.80	-35.22	-3.29e-05	0.0	579.0	62.59	10.73	-0.11	-729.41	-35.22	3697.95
180	4	4.297e+04	119.75	-8.67e-03	-1202.14	0.0	85.77	614.78	-0.40	-2344.92	119.75	-3.858e+04
		-4.867e+04	-112.90	1.65e-04	0.0	579.0	85.77	-587.36	-0.40	-2344.92	-112.90	-4.867e+04
180	5	1.338e+05	138.89	-0.02	-4052.90	0.0	-13.04	1912.55	1.03	-1259.13	-456.49	-1.266e+05
		-1.925e+05	-456.49	3.93e-04	0.0	579.0	-13.04	-2140.35	1.03	-1259.13	138.89	-1.925e+05
180	6	6.157e+05	6448.28	0.03	0.0	0.0	2987.33	1983.44	38.79	-2.282e+04	-2.268e+04	-5.380e+05
		-5.380e+05	-2.268e+04	0.36	0.0	579.0	2987.33	1983.44	38.79	-2.282e+04	6448.28	6.157e+05
180	7	8.500e+05	6105.63	0.03	0.0	0.0	3337.06	2913.65	56.99	-3.399e+04	-2.690e+04	-8.370e+05
		-8.370e+05	-2.690e+04	-0.09	0.0	579.0	3337.06	2913.65	56.99	-3.399e+04	6105.63	8.500e+05
180	8	1.026e+06	6751.08	0.07	0.0	0.0	2431.01	4114.08	-29.71	-1.331e+04	6751.08	-1.356e+06
		-1.356e+06	-1.071e+04	0.48	0.0	579.0	2431.01	4114.08	-29.71	-1.331e+04	-1.071e+04	1.026e+06
180	9	1.494e+06	1.081e+04	0.10	0.0	0.0	4011.39	6028.33	27.16	-2.769e+04	-4951.39	-1.996e+06
		-1.996e+06	-4951.39	-0.44	0.0	579.0	4011.39	6028.33	27.16	-2.769e+04	1.081e+04	1.494e+06
180	10	3.328e+05	3717.45	0.02	0.0	0.0	1602.61	1079.51	21.17	-1.244e+04	-1.214e+04	-2.954e+05
		-2.954e+05	-1.214e+04	0.19	0.0	579.0	1602.61	1079.51	21.17	-1.244e+04	3717.45	3.328e+05
180	11	4.531e+05	3251.94	0.02	0.0	0.0	1780.76	1553.38	30.34	-1.813e+04	-1.432e+04	-4.463e+05
		-4.463e+05	-1.432e+04	-0.05	0.0	579.0	1780.76	1553.38	30.34	-1.813e+04	3251.94	4.531e+05
180	12	5.588e+05	3668.44	0.04	0.0	0.0	1315.46	2243.23	-16.36	-7834.44	3668.44	-7.401e+05
		-7.401e+05	-5945.79	0.26	0.0	579.0	1315.46	2243.23	-16.36	-7834.44	-5945.79	5.588e+05
180	13	7.936e+05	5924.75	0.06	0.0	0.0	2128.76	3201.87	14.92	-1.475e+04	-2732.94	-1.060e+06
		-1.060e+06	-2732.94	-0.24	0.0	579.0	2128.76	3201.87	14.92	-1.475e+04	5924.75	7.936e+05
180	14	2.497e+05	2789.23	0.01	0.0	0.0	1202.11	809.78	15.88	-9337.28	-9106.53	-2.216e+05
		-2.216e+05	-9106.53	0.14	0.0	579.0	1202.11	809.78	15.88	-9337.28	2789.23	2.497e+05
180	15	3.394e+05	2435.98	0.01	0.0	0.0	1334.35	1163.74	22.73	-1.359e+04	-1.072e+04	-3.344e+05
		-3.344e+05	-1.072e+04	-0.03	0.0	579.0	1334.35	1163.74	22.73	-1.359e+04	2435.98	3.394e+05
180	16	4.192e+05	2752.89	0.03	0.0	0.0	986.88	1682.79	-12.29	-5880.94	2752.89	-5.552e+05
		-5.552e+05	-4465.49	0.20	0.0	579.0	986.88	1682.79	-12.29	-5880.94	-4465.49	4.192e+05
180	17	5.956e+05	4450.25	0.04	0.0	0.0	1597.21	2403.02	11.20	-1.107e+04	-2052.10	-7.957e+05
		-7.957e+05	-2052.10	-0.18	0.0	579.0	1597.21	2403.02	11.20	-1.107e+04	4450.25	5.956e+05
181	1	1.085e+05	1162.89	-0.02	-2608.14	0.0	-11.79	1542.37	1.24	3937.52	445.71	-1.552e+05
		-1.552e+05	445.71	-7.13e-03	0.0	579.6	-11.79	-1065.77	1.24	3937.52	1162.89	-1.710e+04
181	2	5.282e+05	1988.56	-0.09	-1.251e+04	0.0	1672.93	6894.27	0.97	1.213e+04	1426.47	-6.799e+05
		-6.799e+05	1426.47	-4.72e-03	0.0	579.6	1672.93	-5617.81	0.97	1.213e+04	1988.56	-1.219e+05
181	3	-1197.39	-23.85	6.92e-04	0.0	0.0	-8.59	1.20	-0.14	-777.53	-23.85	-1893.88
		-1893.88	-107.78	1.84e-04	0.0	579.6	-8.59	1.20	-0.14	-777.53	-107.78	-1197.39
181	4	4.037e+04	-28.88	-6.24e-03	-1203.09	0.0	-12.91	605.83	-0.15	72.54	-28.88	-5.718e+04
		-5.718e+04	-118.35	1.11e-04	0.0	579.6	-12.91	-597.26	-0.15	72.54	-118.35	-3.661e+04
181	5	1.334e+05	202.17	-0.02	-4057.11	0.0	-11.52	2147.83	-1.23	762.37	202.17	-1.951e+05
		-1.951e+05	-509.04	-6.70e-04	0.0	579.6	-11.52	-1909.29	-1.23	762.37	-509.04	-1.260e+05
181	6	4.640e+05	2.269e+04	0.04	0.0	0.0	-3728.77	1681.72	37.75	-1.171e+04	-7008.75	-5.179e+05
		-5.179e+05	-7008.75	0.36	0.0	579.6	-3728.77	1681.72	37.75	-1.171e+04	2.269e+04	4.640e+05
181	7	7.554e+05	2.749e+04	0.03	0.0	0.0	-4389.74	2613.17	58.59	-1.963e+04	-6475.57	-7.592e+05
		-7.592e+05	-6475.57	-0.09	0.0	579.6	-4389.74	2613.17	58.59	-1.963e+04	2.749e+04	7.554e+05
181	8	1.528e+06	1.525e+04	0.11	0.0	0.0	4640.79	-6126.38	-39.38	3.376e+04	1.525e+04	1.528e+06
		-2.023e+06	-7746.41	0.48	0.0	579.6	4640.79	-6126.38	-39.38	3.376e+04	-7746.41	-2.023e+06

181	9	1.099e+06	8179.28	0.07	0.0	0.0	3239.44	-4384.11	-21.85	1.430e+04	8179.28	1.099e+06
		-1.442e+06	4590.66	-0.45	0.0	579.6	3239.44	-4384.11	-21.85	1.430e+04	4590.66	-1.442e+06
181	10	2.568e+05	1.215e+04	0.02	0.0	0.0	-2002.41	921.31	20.65	-6809.09	-4007.94	-2.814e+05
		-2.814e+05	-4007.94	0.19	0.0	579.6	-2002.41	921.31	20.65	-6809.09	1.215e+04	2.568e+05
181	11	4.029e+05	1.464e+04	0.02	0.0	0.0	-2343.11	1393.76	31.19	-1.057e+04	-3450.34	-4.049e+05
		-4.049e+05	-3450.34	-0.05	0.0	579.6	-2343.11	1393.76	31.19	-1.057e+04	1.464e+04	4.029e+05
181	12	8.122e+05	8255.16	0.06	0.0	0.0	2465.28	-3256.01	-21.31	1.802e+04	8255.16	8.122e+05
		-1.075e+06	-4188.22	0.27	0.0	579.6	2465.28	-3256.01	-21.31	1.802e+04	-4188.22	-1.075e+06
181	13	5.951e+05	4700.67	0.04	0.0	0.0	1742.45	-2374.47	-12.47	8323.90	4700.67	5.951e+05
		-7.812e+05	2580.19	-0.25	0.0	579.6	1742.45	-2374.47	-12.47	8323.90	2580.19	-7.812e+05
181	14	1.927e+05	9112.05	0.01	0.0	0.0	-1502.60	691.29	15.49	-5126.22	-3006.91	-2.111e+05
		-2.111e+05	-3006.91	0.14	0.0	579.6	-1502.60	691.29	15.49	-5126.22	9112.05	1.927e+05
181	15	3.019e+05	1.096e+04	0.01	0.0	0.0	-1755.88	1044.34	23.36	-7938.66	-2584.90	-3.034e+05
		-3.034e+05	-2584.90	-0.04	0.0	579.6	-1755.88	1044.34	23.36	-7938.66	1.096e+04	3.019e+05
181	16	6.095e+05	6195.38	0.04	0.0	0.0	1849.50	-2443.36	-15.99	1.352e+04	6195.38	6.095e+05
		-8.067e+05	-3142.77	0.20	0.0	579.6	1849.50	-2443.36	-15.99	1.352e+04	-3142.77	-8.067e+05
181	17	4.466e+05	3530.08	0.03	0.0	0.0	1307.20	-1781.94	-9.36	6248.69	3530.08	4.466e+05
		-5.863e+05	1936.50	-0.18	0.0	579.6	1307.20	-1781.94	-9.36	6248.69	1936.50	-5.863e+05
182	1	4.397e+04	1483.77	-0.01	-1762.15	0.0	2605.24	1044.75	4.35	-4691.13	-558.30	-1.012e+05
		-1.012e+05	-558.30	4.65e-03	0.0	469.9	2605.24	-717.40	4.35	-4691.13	1483.77	-2.427e+04
182	2	2.249e+05	-1092.36	-0.05	-9552.26	0.0	6733.63	5523.09	-20.39	-3.774e+04	-1092.36	-5.337e+05
		-5.337e+05	-1.067e+04	4.44e-03	0.0	469.9	6733.63	-4029.17	-20.39	-3.774e+04	-1.067e+04	-1.586e+05
182	3	1186.44	212.40	-8.68e-05	0.0	0.0	46.23	-4.23	0.68	-294.54	-105.22	1186.44
		-802.48	-105.22	-1.01e-04	0.0	469.9	46.23	-4.23	0.68	-294.54	212.40	-802.48
182	4	1.928e+04	228.69	-3.69e-03	-918.49	0.0	181.19	492.01	-2.79	-4299.20	228.69	-4.333e+04
		-4.333e+04	-1083.86	3.45e-04	0.0	469.9	181.19	-426.48	-2.79	-4299.20	-1083.86	-2.563e+04
182	5	7.624e+04	2368.32	-0.01	-3289.35	0.0	133.07	1685.28	-19.39	-1.536e+04	2368.32	-1.265e+05
		-1.265e+05	-6744.86	2.30e-03	0.0	469.9	133.07	-1604.07	-19.39	-1.536e+04	-6744.86	-1.074e+05
182	6	1.499e+05	2.372e+04	0.03	0.0	0.0	-5319.07	-685.29	-103.87	1.170e+05	2.372e+04	1.499e+05
		-1.724e+05	-2.537e+04	0.28	0.0	469.9	-5319.07	-685.29	-103.87	1.170e+05	-2.537e+04	-1.724e+05
182	7	5.628e+04	4050.64	0.03	0.0	0.0	-2499.95	257.50	-22.48	9.932e+04	4050.64	-6.506e+04
		-6.506e+04	-7355.28	-0.07	0.0	469.9	-2499.95	257.50	-22.48	9.932e+04	-7355.28	5.628e+04
182	8	1.446e+06	-1.714e+04	-0.06	0.0	0.0	8164.40	6042.79	-74.05	2.294e+04	-1.772e+04	-1.393e+06
		-1.393e+06	-1.772e+04	0.34	0.0	469.9	8164.40	6042.79	-74.05	2.294e+04	-1.714e+04	-1.446e+06
182	9	1.742e+06	1.794e+04	-0.07	0.0	0.0	1.062e+04	7269.21	83.64	-2.626e+04	-2.142e+04	-1.673e+06
		-1.673e+06	-2.142e+04	-0.36	0.0	469.9	1.062e+04	7269.21	83.64	-2.626e+04	1.794e+04	1.742e+06
182	10	8.322e+04	1.304e+04	0.02	0.0	0.0	-2840.15	-379.23	-56.54	6.232e+04	1.304e+04	8.322e+04
		-9.512e+04	-1.370e+04	0.15	0.0	469.9	-2840.15	-379.23	-56.54	6.232e+04	-1.370e+04	-9.512e+04
182	11	3.022e+04	2320.61	0.01	0.0	0.0	-1331.36	138.11	-12.15	5.287e+04	2320.61	-3.486e+04
		-3.486e+04	-3916.62	-0.04	0.0	469.9	-1331.36	138.11	-12.15	5.287e+04	-3916.62	3.022e+04
182	12	7.788e+05	-9624.56	-0.03	0.0	0.0	4475.06	3253.29	-41.82	1.299e+04	-1.006e+04	-7.499e+05
		-7.499e+05	-1.006e+04	0.19	0.0	469.9	4475.06	3253.29	-41.82	1.299e+04	-9624.56	7.788e+05
182	13	9.270e+05	9781.32	-0.04	0.0	0.0	5650.65	3867.69	45.39	-1.425e+04	-1.159e+04	-8.904e+05
		-8.904e+05	-1.159e+04	-0.20	0.0	469.9	5650.65	3867.69	45.39	-1.425e+04	9781.32	9.270e+05
182	14	6.245e+04	9781.18	0.01	0.0	0.0	-2129.22	-284.55	-42.40	4.673e+04	9781.18	6.245e+04
		-7.137e+04	-1.027e+04	0.11	0.0	469.9	-2129.22	-284.55	-42.40	4.673e+04	-1.027e+04	-7.137e+04
182	15	2.268e+04	1768.65	0.01	0.0	0.0	-997.18	103.63	-9.14	3.959e+04	1768.65	-2.615e+04
		-2.615e+04	-2933.39	-0.03	0.0	469.9	-997.18	103.63	-9.14	3.959e+04	-2933.39	2.268e+04
182	16	5.843e+05	-7222.53	-0.02	0.0	0.0	3358.27	2440.61	-31.38	9752.36	-7546.77	-5.626e+05
		-5.626e+05	-7546.77	0.14	0.0	469.9	3358.27	2440.61	-31.38	9752.36	-7222.53	5.843e+05
182	17	6.957e+05	7340.45	-0.03	0.0	0.0	4243.11	2902.57	34.07	-1.069e+04	-8696.79	-6.682e+05
		-6.682e+05	-8696.79	-0.15	0.0	469.9	4243.11	2902.57	34.07	-1.069e+04	7340.45	6.957e+05
183	1	4.399e+04	-63.83	-0.01	-1762.50	0.0	2121.62	1015.62	-1.28	4649.36	-63.83	-9.346e+04
		-9.346e+04	-667.34	-5.20e-03	0.0	470.0	2121.62	-746.88	-1.28	4649.36	-667.34	-3.031e+04
183	2	2.145e+05	1.397e+04	-0.05	-9553.35	0.0	5512.29	5558.68	33.15	3.882e+04	-1612.58	-5.535e+05
		-5.535e+05	-1612.58	-6.25e-03	0.0	470.0	5512.29	-3994.67	33.15	3.882e+04	1.397e+04	-1.618e+05
183	3	1034.73	114.20	-1.24e-03	0.0	0.0	-81.04	18.28	0.26	-363.24	-7.63	-7554.72
		-7554.72	-7.63	1.47e-04	0.0	470.0	-81.04	18.28	0.26	-363.24	114.20	1034.73
183	4	1.485e+04	1701.31	-3.30e-03	-918.59	0.0	-23.98	525.88	4.51	3619.51	-419.68	-5.673e+04
		-5.673e+04	-419.68	-5.08e-04	0.0	470.0	-23.98	-392.71	4.51	3619.51	1701.31	-2.310e+04
183	5	7.602e+04	7237.28	-0.01	-3290.00	0.0	113.38	1682.00	20.07	1.540e+04	-2194.07	-1.260e+05
		-1.260e+05	-2194.07	-2.73e-03	0.0	470.0	113.38	-1608.00	20.07	1.540e+04	7237.28	-1.086e+05
183	6	1.912e+05	2.504e+04	-0.06	0.0	0.0	3825.24	687.65	-84.66	1.242e+05	2.504e+04	1.371e+05
		1.371e+05	-1.628e+04	0.28	0.0	470.0	3825.24	687.65	-84.66	1.242e+05	-1.628e+04	1.912e+05
183	7	1.121e+05	7012.91	-0.02	0.0	0.0	1543.98	-356.21	12.35	1.102e+05	7012.91	1.121e+05
		-5.747e+04	6632.49	-0.08	0.0	470.0	1543.98	-356.21	12.35	1.102e+05	6632.49	-5.747e+04
183	8	1.706e+06	2.166e+04	-0.07	0.0	0.0	8165.83	7118.55	-89.88	-2.704e+04	2.166e+04	-1.640e+06
		-1.640e+06	-2.061e+04	0.33	0.0	470.0	8165.83	7118.55	-89.88	-2.704e+04	-2.061e+04	1.706e+06
183	9	1.493e+06	1.341e+04	-0.06	0.0	0.0	6521.09	6254.14	59.50	-4.203e+04	-1.457e+04	-1.447e+06
		-1.447e+06	-1.457e+04	-0.37	0.0	470.0	6521.09	6254.14	59.50	-4.203e+04	1.341e+04	1.493e+06
183	10	1.048e+05	1.381e+04	-0.03	0.0	0.0	2048.11	380.38	-46.84	6.625e+04	1.381e+04	7.670e+04
		7.670e+04	-9178.30	0.15	0.0	470.0	2048.11	380.38	-46.84	6.625e+04	-9178.30	1.048e+05
183	11	5.979e+04	3955.55	-0.01	0.0	0.0	822.04	-190.02	7.40	5.873e+04	3955.55	5.979e+04
		-3.066e+04	3835.22	-0.04	0.0	470.0	822.04	-190.02	7.40	5.873e+04	3835.22	-3.066e+04
183	12	9.080e+05	1.181e+04	-0.04	0.0	0.0	4346.34	3789.88	-48.96	-1.523e+04	1.181e+04	-8.733e+05
		-8.733e+05	-1.122e+04	0.19	0.0	470.0	4346.34	3789.88	-48.96	-1.523e+04	-1.122e+04	9.080e+05

183	13	8.012e+05	7543.44	-0.03	0.0	0.0	3548.70	3355.57	33.47	-2.234e+04	-8192.21	-7.759e+05
		-7.759e+05	-8192.21	-0.20	0.0	470.0	3548.70	3355.57	33.47	-2.234e+04	7543.44	8.012e+05
183	14	7.866e+04	1.036e+04	-0.03	0.0	0.0	1535.95	285.42	-35.14	4.969e+04	1.036e+04	5.757e+04
		5.757e+04	-6913.26	0.11	0.0	470.0	1535.95	285.42	-35.14	4.969e+04	-6913.26	7.866e+04
183	15	4.483e+04	3004.44	-9.21e-03	0.0	0.0	615.58	-142.50	5.68	4.400e+04	3004.44	4.483e+04
		-2.301e+04	2924.30	-0.03	0.0	470.0	615.58	-142.50	5.68	4.400e+04	2924.30	-2.301e+04
183	16	6.812e+05	8864.40	-0.03	0.0	0.0	3262.94	2843.47	-36.74	-1.143e+04	8864.40	-6.552e+05
		-6.552e+05	-8416.70	0.14	0.0	470.0	3262.94	2843.47	-36.74	-1.143e+04	-8416.70	6.812e+05
183	17	6.013e+05	5660.91	-0.02	0.0	0.0	2665.30	2518.12	25.12	-1.677e+04	-6148.83	-5.822e+05
		-5.822e+05	-6148.83	-0.15	0.0	470.0	2665.30	2518.12	25.12	-1.677e+04	5660.91	6.013e+05
184	1	2.879e+04	3629.90	8.45e-03	-1400.12	0.0	-1030.76	334.22	-9.23	1.174e+04	3629.90	1.641e+04
		-9.742e+04	758.31	2.69e-03	0.0	311.1	-1030.76	-1065.91	-9.23	1.174e+04	758.31	-9.742e+04
184	2	1.730e+05	8682.04	-5.40e-03	-6161.23	0.0	699.95	1420.79	47.45	8.008e+04	-6080.34	1.249e+05
		-4.077e+05	-6080.34	-7.64e-04	0.0	311.1	699.95	-4740.44	47.45	8.008e+04	8682.04	-4.077e+05
184	3	6135.58	314.36	-1.30e-04	0.0	0.0	3.47	23.16	-1.42	150.01	314.36	-1070.63
		-1070.63	-128.44	-6.78e-05	0.0	311.1	3.47	23.16	-1.42	150.01	-128.44	6135.58
184	4	1.253e+04	510.80	-5.85e-04	-592.43	0.0	20.19	216.39	4.27	9191.99	-817.39	734.56
		-2.565e+04	-817.39	-7.81e-05	0.0	311.1	20.19	-376.04	4.27	9191.99	510.80	-2.565e+04
184	5	4.242e+04	2737.83	-1.62e-03	-2177.97	0.0	-7.38	669.98	27.39	3.506e+04	-5784.99	1.037e+04
		-1.200e+05	-5784.99	5.82e-04	0.0	311.1	-7.38	-1507.99	27.39	3.506e+04	2737.83	-1.200e+05
184	6	1.444e+06	-1.005e+04	0.03	0.0	0.0	1.454e+04	9633.84	-68.30	1.449e+05	-1.005e+04	-1.558e+06
		-1.558e+06	-2.457e+04	0.20	0.0	311.1	1.454e+04	9633.84	-68.30	1.449e+05	-2.457e+04	-1.558e+06
184	7	8.306e+05	-9734.93	0.01	0.0	0.0	1.401e+04	4748.56	22.13	1.255e+05	-1.602e+04	-6.477e+05
		-6.477e+05	-1.602e+04	-0.04	0.0	311.1	1.401e+04	4748.56	22.13	1.255e+05	-9734.93	8.306e+05
184	8	2.296e+06	3.590e+04	-0.05	0.0	0.0	-2397.30	-1.215e+04	-185.92	2.585e+04	3.590e+04	2.296e+06
		-1.484e+06	-2.754e+04	0.20	0.0	311.1	-2397.30	-1.215e+04	-185.92	2.585e+04	-2.754e+04	-1.484e+06
184	9	3.637e+06	3.519e+04	-0.08	0.0	0.0	-3445.44	-1.934e+04	-120.85	-2.647e+04	3.519e+04	3.637e+06
		-2.381e+06	-1.257e+04	-0.24	0.0	311.1	-3445.44	-1.934e+04	-120.85	-2.647e+04	-1.257e+04	-2.381e+06
184	10	7.722e+05	-5441.29	0.01	0.0	0.0	7741.91	5165.47	-37.57	7.718e+04	-5441.29	-8.378e+05
		-8.378e+05	-1.500e+04	0.10	0.0	311.1	7741.91	5165.47	-37.57	7.718e+04	-1.500e+04	-8.378e+05
184	11	4.421e+05	-5181.72	6.84e-03	0.0	0.0	7464.51	2528.20	12.11	6.677e+04	-8555.41	-3.450e+05
		-3.450e+05	-8555.41	-0.02	0.0	311.1	7464.51	2528.20	12.11	6.677e+04	-5181.72	4.421e+05
184	12	1.269e+06	1.925e+04	-0.03	0.0	0.0	-1372.63	-6715.67	-99.10	1.457e+04	1.925e+04	1.269e+06
		-8.215e+05	-1.328e+04	0.11	0.0	311.1	-1372.63	-6715.67	-99.10	1.457e+04	-1.328e+04	-8.215e+05
184	13	1.930e+06	1.910e+04	-0.04	0.0	0.0	-1849.02	-1.026e+04	-67.57	-1.447e+04	1.910e+04	1.930e+06
		-1.263e+06	-7311.57	-0.13	0.0	311.1	-1849.02	-1.026e+04	-67.57	-1.447e+04	-7311.57	-1.263e+06
184	14	5.790e+05	-4090.90	0.01	0.0	0.0	5804.71	3873.37	-28.24	5.787e+04	-4090.90	-6.282e+05
		-6.282e+05	-1.125e+04	0.08	0.0	311.1	5804.71	3873.37	-28.24	5.787e+04	-1.125e+04	-6.282e+05
184	15	3.311e+05	-3880.16	5.12e-03	0.0	0.0	5590.97	1893.46	9.13	5.000e+04	-3880.16	3.311e+05
		-2.584e+05	-6412.82	-0.02	0.0	311.1	5590.97	1893.46	9.13	5.000e+04	-6412.82	-2.584e+05
184	16	9.518e+05	1.446e+04	-0.02	0.0	0.0	-1031.54	-5038.54	-74.41	1.095e+04	1.446e+04	9.518e+05
		-6.163e+05	-9962.40	0.08	0.0	311.1	-1031.54	-5038.54	-74.41	1.095e+04	-9962.40	-6.163e+05
184	17	1.448e+06	1.439e+04	-0.03	0.0	0.0	-1390.70	-7699.44	-50.96	-1.087e+04	1.439e+04	1.448e+06
		-9.478e+05	-5498.60	-0.10	0.0	311.1	-1390.70	-7699.44	-50.96	-1.087e+04	-5498.60	-9.478e+05
185	1	2.564e+04	4368.53	-8.02e-03	-1397.83	0.0	-184.39	1057.29	14.63	-1.247e+04	4368.53	1.276e+04
		-9.856e+04	-176.24	-3.77e-03	0.0	310.6	-184.39	-340.54	14.63	-1.247e+04	-176.24	-9.856e+04
185	2	1.619e+05	6016.10	-7.90e-03	-6149.67	0.0	2339.57	-4750.03	-35.85	-8.473e+04	6016.10	-4.211e+05
		-4.211e+05	-5120.69	-3.16e-03	0.0	310.6	2339.57	-1399.64	-35.85	-8.473e+04	-5120.69	-4.211e+05
185	3	-1517.57	227.35	-3.50e-04	0.0	0.0	-2.66	-3.76	-3.38	-1574.67	227.35	-1517.57
		-2686.09	-823.72	1.37e-04	0.0	310.6	-2.66	-3.76	-3.38	-1574.67	-823.72	-2686.09
185	4	7073.29	963.48	-5.31e-04	-591.31	0.0	49.89	404.04	-10.95	-1.149e+04	963.48	-3.700e+04
		-3.700e+04	-2437.65	2.30e-04	0.0	310.6	49.89	-187.28	-10.95	-1.149e+04	-2437.65	-3.700e+04
185	5	4.173e+04	2810.20	-1.96e-03	-2174.40	0.0	55.43	1510.39	-28.61	-3.613e+04	2810.20	-1.212e+05
		-1.212e+05	-6078.42	-4.17e-04	0.0	310.6	55.43	-664.01	-28.61	-3.613e+04	-6078.42	-1.212e+05
185	6	1.657e+06	2.406e+04	0.02	0.0	0.0	-8508.88	9874.24	43.33	1.222e+05	2.406e+04	-1.413e+06
		-1.413e+06	1.689e+04	0.19	0.0	310.6	-8508.88	9874.24	43.33	1.222e+05	-1.413e+06	1.689e+04
185	7	7.207e+05	2.118e+04	0.01	0.0	0.0	-9269.10	4870.17	44.02	1.063e+05	7840.78	-7.926e+05
		-7.926e+05	7840.78	-0.04	0.0	310.6	-9269.10	4870.17	44.02	1.063e+05	2.118e+04	7.207e+05
185	8	3.619e+06	3.730e+04	0.06	0.0	0.0	2616.33	1.920e+04	136.99	2.300e+04	-1.400e+04	-2.346e+06
		-2.346e+06	-1.400e+04	0.20	0.0	310.6	2616.33	1.920e+04	136.99	2.300e+04	-1.400e+04	-2.346e+06
185	9	2.359e+06	3.975e+04	0.04	0.0	0.0	2857.29	1.244e+04	204.92	-2.000e+04	-2.550e+04	-1.507e+06
		-1.507e+06	-2.550e+04	-0.24	0.0	310.6	2857.29	1.244e+04	204.92	-2.000e+04	3.975e+04	2.359e+06
185	10	8.899e+05	1.296e+04	0.01	0.0	0.0	-4538.86	5293.60	25.09	6.506e+04	1.296e+04	-7.563e+05
		-7.563e+05	9053.08	0.10	0.0	310.6	-4538.86	5293.60	25.09	6.506e+04	9053.08	8.899e+05
185	11	3.837e+05	1.129e+04	6.47e-03	0.0	0.0	-4939.00	2593.01	23.60	5.657e+04	4180.56	-4.220e+05
		-4.220e+05	4180.56	-0.02	0.0	310.6	-4939.00	2593.01	23.60	5.657e+04	1.129e+04	3.837e+05
185	12	1.922e+06	2.027e+04	0.03	0.0	0.0	1407.44	1.020e+04	76.55	1.287e+04	-8247.29	-1.246e+06
		-1.246e+06	-8247.29	0.11	0.0	310.6	1407.44	1.020e+04	76.55	1.287e+04	2.027e+04	1.922e+06
185	13	1.290e+06	2.129e+04	0.02	0.0	0.0	1522.31	6804.72	109.05	-1.104e+04	-1.361e+04	-8.246e+05
		-8.246e+05	-1.361e+04	-0.13	0.0	310.6	1522.31	6804.72	109.05	-1.104e+04	2.129e+04	1.290e+06
185	14	6.673e+05	9724.78	9.39e-03	0.0	0.0	-3403.97	3969.62	18.93	4.878e+04	9724.78	-5.672e+05
		-5.672e+05	6794.03	0.08	0.0	310.6	-3403.97	3969.62	18.93	4.878e+04	-5.672e+05	6794.03
185	15	2.874e+05	8459.54	4.84e-03	0.0	0.0	-3699.71	1941.82	17.71	4.237e+04	3131.85	-3.160e+05
		-3.160e+05	3131.85	-0.02	0.0	310.6	-3699.71	1941.82	17.71	4.237e+04	8459.54	2.874e+05
185	16	1.442e+06	1.526e+04	0.02	0.0	0.0	1057.10	7651.06	57.69	9680.71	-6200.51	-9.348e+05
		-9.348e+05	-6200.51	0.09	0.0	310.6	1057.10	7651.06	57.69	9680.71	1.526e+04	1.442e+06

185	17	9.677e+05	1.599e+04	0.02	0.0	0.0	1142.32	5106.32	81.88	-8300.46	-1.022e+04	-6.188e+05
		-6.188e+05	-1.022e+04	-0.10	0.0	310.6	1142.32	5106.32	81.88	-8300.46	1.599e+04	9.677e+05
186	1	6.036e+04	2662.97	0.03	-523.57	0.0	338.58	-3260.13	44.56	2.145e+05	-3557.86	6.036e+04
		-4.314e+05	-3557.86	-4.33e-04	0.0	139.6	338.58	-3783.70	44.56	2.145e+05	2662.97	-4.314e+05
186	2	688.72	4214.41	-0.03	-2400.93	0.0	-6.09	49.94	40.71	-1657.98	-1469.88	688.72
		-1.630e+05	-1469.88	-2.26e-04	0.0	139.6	-6.09	-2350.99	40.71	-1657.98	4214.41	-1.630e+05
186	3	400.48	6.02	1.17e-03	0.0	0.0	18.11	-0.03	1.05	150.14	-141.06	400.48
		396.90	-141.06	-1.09e-04	0.0	139.6	18.11	-0.03	1.05	150.14	6.02	396.90
186	4	668.03	2410.70	-3.14e-03	-230.86	0.0	53.23	1.94	26.48	-432.31	-1286.51	668.03
		-1.547e+04	-1286.51	-2.02e-04	0.0	139.6	53.23	-228.92	26.48	-432.31	2410.70	-1.547e+04
186	5	105.91	1.020e+04	-0.02	-977.34	0.0	31.01	7.79	101.35	-3110.34	-3954.13	105.91
		-6.703e+04	-3954.13	-2.51e-04	0.0	139.6	31.01	-969.55	101.35	-3110.34	1.020e+04	-6.703e+04
186	6	4.918e+04	4.491e+04	0.23	0.0	0.0	-3804.18	375.02	-651.61	-7.924e+04	4.491e+04	-2.460e+04
		-2.460e+04	-4.615e+04	0.13	0.0	139.6	-3804.18	375.02	-651.61	-7.924e+04	-4.615e+04	4.918e+04
186	7	8109.46	4.525e+04	0.26	0.0	0.0	-4446.12	-411.26	-640.79	1.482e+04	4.525e+04	8109.46
		-5.195e+04	-4.424e+04	4.19e-03	0.0	139.6	-4446.12	-411.26	-640.79	1.482e+04	-4.424e+04	-5.195e+04
186	8	1.051e+05	1.824e+04	0.08	0.0	0.0	-449.57	-694.35	-479.42	1.967e+05	1.824e+04	1.051e+05
		1.796e+04	-4.884e+04	0.04	0.0	139.6	-449.57	-694.35	-479.42	1.967e+05	-4.884e+04	1.796e+04
186	9	1.482e+05	2.015e+04	0.12	0.0	0.0	-469.97	-1100.57	-557.79	3.178e+05	2.015e+04	1.482e+05
		1.437e+04	-5.786e+04	-0.10	0.0	139.6	-469.97	-1100.57	-557.79	3.178e+05	-5.786e+04	1.437e+04
186	10	2.942e+04	2.398e+04	0.13	0.0	0.0	-2030.34	225.34	-348.53	-4.381e+04	2.398e+04	-1.374e+04
		-1.374e+04	-2.474e+04	0.07	0.0	139.6	-2030.34	225.34	-348.53	-4.381e+04	-2.474e+04	2.942e+04
186	11	4399.69	2.408e+04	0.14	0.0	0.0	-2366.82	-241.70	-341.01	8055.17	2.408e+04	4399.69
		-3.086e+04	-2.355e+04	2.17e-03	0.0	139.6	-2366.82	-241.70	-341.01	8055.17	-2.355e+04	-3.086e+04
186	12	5.733e+04	9915.84	0.05	0.0	0.0	-250.61	-384.53	-260.28	1.088e+05	9915.84	5.733e+04
		9936.65	-2.650e+04	0.02	0.0	139.6	-250.61	-384.53	-260.28	1.088e+05	-2.650e+04	9936.65
186	13	7.882e+04	1.113e+04	0.06	0.0	0.0	-251.84	-586.92	-304.73	1.687e+05	1.113e+04	7.882e+04
		8565.34	-3.150e+04	-0.05	0.0	139.6	-251.84	-586.92	-304.73	1.687e+05	-3.150e+04	8565.34
186	14	2.256e+04	1.798e+04	0.09	0.0	0.0	-1522.24	172.49	-261.49	-3.286e+04	1.798e+04	-1.032e+04
		-1.032e+04	-1.857e+04	0.05	0.0	139.6	-1522.24	172.49	-261.49	-3.286e+04	-1.857e+04	2.256e+04
186	15	3311.83	1.803e+04	0.10	0.0	0.0	-1772.59	-184.44	-255.38	6059.38	1.803e+04	3311.83
		-2.359e+04	-1.764e+04	1.62e-03	0.0	139.6	-1772.59	-184.44	-255.38	6059.38	-1.764e+04	-2.359e+04
186	16	4.304e+04	7467.08	0.03	0.0	0.0	-188.16	-288.95	-195.88	8.167e+04	7467.08	4.304e+04
		7500.66	-1.994e+04	0.01	0.0	139.6	-188.16	-288.95	-195.88	8.167e+04	-1.994e+04	7500.66
186	17	5.918e+04	8417.99	0.05	0.0	0.0	-189.13	-441.12	-230.06	1.266e+05	8417.99	5.918e+04
		6590.49	-2.377e+04	-0.04	0.0	139.6	-189.13	-441.12	-230.06	1.266e+05	-2.377e+04	6590.49
187	1	5.526e+04	4602.09	-0.02	-508.13	0.0	333.23	3741.95	-66.60	-2.122e+05	4602.09	-4.174e+05
		-4.174e+05	-4422.26	3.27e-04	0.0	135.5	333.23	3233.82	-66.60	-2.122e+05	-4422.26	5.526e+04
187	2	-8200.62	8904.72	0.04	-2326.74	0.0	-78.86	2267.03	-84.62	3177.88	8904.72	-1.600e+05
		-1.600e+05	-2561.43	-6.85e-04	0.0	135.5	-78.86	-59.71	-84.62	3177.88	-2561.43	-8247.20
187	3	-2778.81	270.78	2.35e-03	0.0	0.0	-34.87	-1.58	1.67	142.24	270.78	-2778.81
		-2992.82	44.91	-1.88e-04	0.0	135.5	-34.87	-1.58	1.67	142.24	44.91	-2992.82
187	4	-4477.69	2705.60	8.53e-03	-223.73	0.0	-23.97	218.93	-25.72	961.09	2705.60	-1.920e+04
		-1.920e+04	-779.49	-2.51e-04	0.0	135.5	-23.97	-4.80	-25.72	961.09	-779.49	-4481.40
187	5	-979.56	1.094e+04	0.02	-948.51	0.0	25.37	940.17	-111.42	3395.12	1.094e+04	-6.412e+04
		-6.412e+04	-4153.76	-2.99e-04	0.0	135.5	25.37	-8.34	-111.42	3395.12	-4153.76	-984.03
187	6	5.161e+04	6.625e+04	0.21	0.0	0.0	4966.12	426.73	-941.59	-9.308e+04	6.625e+04	5.161e+04
		3.333e+04	-6.143e+04	0.13	0.0	135.5	4966.12	426.73	-941.59	-9.308e+04	-6.143e+04	3.333e+04
187	7	5.442e+04	6.182e+04	0.23	0.0	0.0	5598.10	-416.61	-905.50	7991.86	6.182e+04	5.442e+04
		6898.58	-6.091e+04	5.47e-03	0.0	135.5	5598.10	-416.61	-905.50	7991.86	-6.091e+04	6898.58
187	8	1.424e+05	2.032e+04	-0.12	0.0	0.0	-766.92	1134.43	548.38	-3.306e+05	-5.430e+04	1.817e+04
		1.817e+04	-5.430e+04	0.11	0.0	135.5	-766.92	1134.43	548.38	-3.306e+05	2.032e+04	1.424e+05
187	9	1.058e+05	1.680e+04	-0.08	0.0	0.0	-302.12	747.20	462.37	-2.117e+05	-4.591e+04	1.532e+04
		1.532e+04	-4.591e+04	-0.04	0.0	135.5	-302.12	747.20	462.37	-2.117e+05	1.680e+04	1.058e+05
187	10	3.082e+04	3.556e+04	0.11	0.0	0.0	2651.91	255.18	-504.25	-5.099e+04	3.556e+04	3.082e+04
		1.818e+04	-3.283e+04	0.07	0.0	135.5	2651.91	255.18	-504.25	-5.099e+04	-3.283e+04	1.818e+04
187	11	3.225e+04	3.293e+04	0.12	0.0	0.0	2980.37	-249.58	-482.17	4487.79	3.293e+04	3.225e+04
		4024.61	-3.243e+04	2.86e-03	0.0	135.5	2980.37	-249.58	-482.17	4487.79	-3.243e+04	4024.61
187	12	7.577e+04	1.133e+04	-0.06	0.0	0.0	-409.93	605.38	302.70	-1.756e+05	-2.986e+04	1.060e+04
		1.060e+04	-2.986e+04	0.06	0.0	135.5	-409.93	605.38	302.70	-1.756e+05	1.133e+04	7.577e+04
187	13	5.732e+04	9146.52	-0.04	0.0	0.0	-174.87	410.06	250.87	-1.158e+05	-2.488e+04	8687.61
		8687.61	-2.488e+04	-0.02	0.0	135.5	-174.87	410.06	250.87	-1.158e+05	9146.52	5.732e+04
187	14	2.364e+04	2.670e+04	0.09	0.0	0.0	1988.64	195.41	-378.47	-3.824e+04	2.670e+04	2.364e+04
		1.365e+04	-2.463e+04	0.05	0.0	135.5	1988.64	195.41	-378.47	-3.824e+04	-2.463e+04	1.365e+04
187	15	2.465e+04	2.467e+04	0.09	0.0	0.0	2232.13	-191.08	-361.14	3406.46	2.467e+04	2.465e+04
		3066.69	-2.429e+04	2.14e-03	0.0	135.5	2232.13	-191.08	-361.14	3406.46	-2.429e+04	3066.69
187	16	5.688e+04	8590.05	-0.05	0.0	0.0	-307.58	454.95	229.02	-1.317e+05	-2.257e+04	8128.82
		8128.82	-2.257e+04	0.04	0.0	135.5	-307.58	454.95	229.02	-1.317e+05	8590.05	5.688e+04
187	17	4.304e+04	6898.33	-0.03	0.0	0.0	-131.35	308.39	189.00	-8.692e+04	-1.873e+04	6614.94
		6614.94	-1.873e+04	-0.01	0.0	135.5	-131.35	308.39	189.00	-8.692e+04	6898.33	4.304e+04
188	1	2.561e+05	1267.56	-0.04	-4966.60	0.0	-347.01	2813.15	0.35	4685.63	975.62	-4.033e+05
		-4.033e+05	975.62	5.43e-03	0.0	827.8	-347.01	-2153.45	0.35	4685.63	1267.56	-1.303e+05
188	2	8.205e+05	7270.48	-0.15	-1.399e+04	0.0	300.67	7405.06	-26.65	1.409e+04	7270.48	-7.968e+05
		-7.968e+05	-1.479e+04	8.83e-03	0.0	827.8	300.67	-6584.18	-26.65	1.409e+04	-1.479e+04	-4.571e+05
188	3	-6842.48	161.38	1.87e-03	0.0	0.0	-55.46	-0.59	0.16	-284.40	29.84	-6842.48
		-7331.17	29.84	-3.13e-04	0.0	827.8	-55.46	-0.59	0.16	-284.40	161.38	-7331.17

188	4	7.550e+04	208.88	-0.01	-1345.12	0.0	-66.11	688.10	-1.42	806.93	208.88-7.012e+04
		-7.012e+04	-966.13	5.39e-04	0.0	827.8	-66.11	-657.02	-1.42	806.93	-966.13-5.725e+04
188	5	3.812e+05	180.89	-0.06	-5794.36	0.0	167.14	2910.19	-6.23	5334.54	180.89-2.237e+05
		-2.237e+05	-4972.49	3.98e-03	0.0	827.8	167.14	-2884.18	-6.23	5334.54	-4972.49-2.129e+05
188	6	2.391e+06	4797.47	0.09	0.0	0.0	-825.80	5851.22	-31.44	2.477e+04	4797.47-2.453e+06
		-2.453e+06	-2.163e+04	0.66	0.0	827.8	-825.80	5851.22	-31.44	2.477e+04	-2.163e+04 2.391e+06
188	7	2.336e+06	1866.84	0.08	0.0	0.0	-876.27	5711.41	-18.56	1658.22	1866.84-2.392e+06
		-2.392e+06	-1.372e+04	-0.06	0.0	827.8	-876.27	5711.41	-18.56	1658.22	-1.372e+04 2.336e+06
188	8	2.232e+05	2.063e+04	-8.39e-03	0.0	0.0	196.46	557.55	-43.82	2.890e+04	2.063e+04-2.403e+05
		-2.403e+05	-1.645e+04	0.36	0.0	827.8	196.46	557.55	-43.82	2.890e+04	-1.645e+04 2.232e+05
188	9	1.425e+05	1.872e+04	-0.01	0.0	0.0	149.99	-316.45	-28.81	-2.773e+04	1.872e+04 1.425e+05
		-1.226e+05	-7810.88	-0.51	0.0	827.8	149.99	-316.45	-28.81	-2.773e+04	-7810.88-1.226e+05
188	10	1.274e+06	2662.03	0.05	0.0	0.0	-443.20	3118.99	-16.87	1.360e+04	2662.03-1.308e+06
		-1.308e+06	-1.156e+04	0.36	0.0	827.8	-443.20	3118.99	-16.87	1.360e+04	-1.156e+04 1.274e+06
188	11	1.244e+06	1025.59	0.04	0.0	0.0	-468.82	3042.59	-9.90	978.32	1025.59-1.275e+06
		-1.275e+06	-7314.15	-0.03	0.0	827.8	-468.82	3042.59	-9.90	978.32	-7314.15 1.244e+06
188	12	1.220e+05	1.105e+04	-4.87e-03	0.0	0.0	115.83	305.64	-23.35	1.606e+04	1.105e+04-1.323e+05
		-1.323e+05	-8790.83	0.16	0.0	827.8	115.83	305.64	-23.35	1.606e+04	-8790.83 1.220e+05
188	13	7.998e+04	1.018e+04	-7.22e-03	0.0	0.0	89.09	-175.97	-16.04	-1.535e+04	1.018e+04 7.998e+04
		-6.769e+04	-4577.54	-0.26	0.0	827.8	89.09	-175.97	-16.04	-1.535e+04	-4577.54-6.769e+04
188	14	9.556e+05	2013.22	0.03	0.0	0.0	-332.77	2339.00	-12.66	1.020e+04	2013.22-9.806e+05
		-9.806e+05	-8668.87	0.27	0.0	827.8	-332.77	2339.00	-12.66	1.020e+04	-8668.87 9.556e+05
188	15	9.318e+05	774.25	0.03	0.0	0.0	-351.49	2279.03	-7.42	747.91	774.25-9.548e+05
		-9.548e+05	-5479.65	-0.02	0.0	827.8	-351.49	2279.03	-7.42	747.91	-5479.65 9.318e+05
188	16	9.147e+04	8301.38	-3.65e-03	0.0	0.0	89.74	229.49	-17.53	1.207e+04	8301.38-9.952e+04
		-9.952e+04	-6597.81	0.12	0.0	827.8	89.74	229.49	-17.53	1.207e+04	-6597.81 9.147e+04
188	17	6.034e+04	7668.20	-5.42e-03	0.0	0.0	68.61	-132.35	-12.09	-1.155e+04	7668.20 6.034e+04
		-5.081e+04	-3446.42	-0.20	0.0	827.8	68.61	-132.35	-12.09	-1.155e+04	-3446.42-5.081e+04
189	1	2.659e+05	875.57	-0.04	-4968.00	0.0	-551.12	2166.09	-0.03	-5075.26	875.57-1.251e+05
		-3.883e+05	846.91	-6.38e-03	0.0	828.0	-551.12	-2801.91	-0.03	-5075.26	846.91-3.883e+05
189	2	8.712e+05	6327.34	-0.13	-1.399e+04	0.0	43.50	6656.79	26.87	-1.480e+04	-1.592e+04-4.364e+05
		-7.178e+05	-1.592e+04	6.43e-03	0.0	828.0	43.50	-7336.41	26.87	-1.480e+04	-1.592e+04 6.327.34-7.178e+05
189	3	2.389e+04	-90.54	1.75e-03	0.0	0.0	86.70	33.63	-0.17	-94.88	-90.54 -3951.14
		-3951.14	-229.53	-1.80e-04	0.0	828.0	86.70	33.63	-0.17	-94.88	-229.53 2.389e+04
189	4	1.023e+05	-144.12	-0.02	-1345.50	0.0	136.34	705.27	1.58	-1385.81	-1453.38-5.041e+04
		-5.041e+04	-1453.38	1.05e-03	0.0	828.0	136.34	-640.23	1.58	-1385.81	-144.12-2.348e+04
189	5	3.928e+05	332.32	-0.07	-5796.00	0.0	217.27	2884.88	7.16	-5639.75	-5593.69-2.016e+05
		-2.125e+05	-5593.69	3.98e-03	0.0	828.0	217.27	-2911.12	7.16	-5639.75	-5593.69 3.928e+05
189	6	2.045e+06	7087.95	-0.05	0.0	0.0	734.69	4508.47	15.26	2.703e+04	-1.026e+04-1.694e+06
		-1.694e+06	-1.026e+04	0.66	0.0	828.0	734.69	4508.47	15.26	2.703e+04	-1.026e+04 7087.95 2.045e+06
189	7	2.003e+06	9233.80	-0.05	0.0	0.0	974.77	4438.72	18.56	3969.44	-7760.69-1.676e+06
		-1.676e+06	-7760.69	-0.01	0.0	828.0	974.77	4438.72	18.56	3969.44	-7760.69 2.003e+06
189	8	2.037e+05	1.619e+04	0.01	0.0	0.0	-1352.20	430.72	23.82	3.151e+04	-9757.39-1.552e+05
		-1.552e+05	-7957.39	0.60	0.0	828.0	-1352.20	430.72	23.82	3.151e+04	-7957.39 2.037e+05
189	9	8.340e+04	1.906e+04	6.56e-03	0.0	0.0	-1089.53	-234.06	39.01	-2.473e+04	-1.385e+04 8.340e+04
		-1.127e+05	-1.385e+04	-0.34	0.0	828.0	-1089.53	-234.06	39.01	-2.473e+04	-1.385e+04 1.906e+04-1.127e+05
189	10	1.091e+06	3895.22	-0.03	0.0	0.0	427.02	2405.45	9.07	1.475e+04	-5961.70-9.050e+05
		-9.050e+05	-5961.70	0.36	0.0	828.0	427.02	2405.45	9.07	1.475e+04	-5961.70 1.091e+06
189	11	1.068e+06	5009.31	-0.03	0.0	0.0	535.94	2367.84	10.51	2189.03	-4603.76-8.950e+05
		-8.950e+05	-4603.76	-5.81e-03	0.0	828.0	535.94	2367.84	10.51	2189.03	-4603.76 1.068e+06
189	12	1.122e+05	8898.68	6.45e-03	0.0	0.0	-720.36	235.87	13.60	1.745e+04	-4677.14-8.452e+04
		-8.452e+04	-4677.14	0.31	0.0	828.0	-720.36	235.87	13.60	1.745e+04	-4677.14 1.122e+05
189	13	4.617e+04	1.020e+04	4.02e-03	0.0	0.0	-593.41	-131.60	20.76	-1.374e+04	-7388.20 4.617e+04
		-6.417e+04	-7388.20	-0.16	0.0	828.0	-593.41	-131.60	20.76	-1.374e+04	-7388.20 1.020e+04-6.417e+04
189	14	8.183e+05	2941.06	-0.02	0.0	0.0	325.62	1804.35	6.95	1.106e+04	-4548.33-6.791e+05
		-6.791e+05	-4548.33	0.27	0.0	828.0	325.62	1804.35	6.95	1.106e+04	-4548.33 8.183e+05
189	15	8.005e+05	3767.98	-0.02	0.0	0.0	404.20	1774.29	7.99	1650.58	-3529.02-6.708e+05
		-6.708e+05	-3529.02	-4.37e-03	0.0	828.0	404.20	1774.29	7.99	1650.58	-3529.02 8.005e+05
189	16	8.448e+04	6711.98	4.83e-03	0.0	0.0	-540.92	177.21	10.27	1.312e+04	-3521.05-6.339e+04
		-6.339e+04	-3521.05	0.23	0.0	828.0	-540.92	177.21	10.27	1.312e+04	-3521.05 8.448e+04
189	17	3.471e+04	7663.16	3.06e-03	0.0	0.0	-445.64	-99.30	15.59	-1.033e+04	-5545.29 3.471e+04
		-4.859e+04	-5545.29	-0.12	0.0	828.0	-445.64	-99.30	15.59	-1.033e+04	-5545.29 7663.16-4.859e+04
190	1	3.676e+05	-3557.86	-0.21	-6534.42	0.0	-320.33	3274.29	0.41	-655.55	-3857.83-2.280e+05
		-2.280e+05	-3857.83	9.08e-04	0.0	726.0	-320.33	-3260.12	0.41	-655.55	-3857.83 3.676e+05
190	2	1406.13	-1469.88	0.02	-8.38	0.0	-35.95	58.32	1.00	1116.26	-2197.93-3.891e+04
		-3.891e+04	-2197.93	-9.81e-04	0.0	726.0	-35.95	49.94	1.00	1116.26	-2197.93 1406.13
190	3	-235.44	-140.32	-8.18e-04	0.0	0.0	-15.87	-0.03	-1.02e-03	344.09	-140.32 -235.44
		-254.03	-141.06	-3.96e-04	0.0	726.0	-15.87	-0.03	-1.02e-03	344.09	-141.06 -254.03
190	4	232.94	-1154.91	-1.16e-03	-0.81	0.0	-63.97	2.75	-0.18	760.85	-1154.91 -1566.49
		-1566.49	-1286.51	-5.54e-04	0.0	726.0	-63.97	1.94	-0.18	760.85	-1286.51 232.94
190	5	2962.55	-3327.42	4.73e-04	0.0	0.0	-100.05	7.79	-0.86	953.27	-3327.42 -2694.59
		-2694.59	-3954.13	2.25e-04	0.0	726.0	-100.05	7.79	-0.86	953.27	-3954.13 2962.55
190	6	8.285e+04	4.491e+04	9.27e-03	0.0	0.0	5184.56	230.98	14.09	4371.62	4.491e+04 8.285e+04
		-8.521e+04	3.593e+04	0.50	0.0	726.0	5184.56	230.98	14.09	4371.62	3.593e+04 8.521e+04
190	7	3.302e+04	4.525e+04	-0.02	0.0	0.0	5623.18	-67.31	7.45	3893.28	4.525e+04 3.302e+04
		-1.644e+04	4.136e+04	-0.04	0.0	726.0	5623.18	-67.31	7.45	3893.28	4.136e+04 -1.644e+04

190	8	2.492e+05	1.824e+04	-0.15	0.0	0.0	477.69	-642.75	53.54	4.931e+04	-2.139e+04	2.492e+05
		-2.175e+05	-2.139e+04	0.97	0.0	726.0	477.69	-642.75	53.54	4.931e+04	1.824e+04	-2.175e+05
190	9	3.988e+05	2.015e+04	-0.17	0.0	0.0	391.21	-1025.91	53.93	5.650e+04	-1.915e+04	3.988e+05
		-3.461e+05	-1.915e+04	-0.64	0.0	726.0	391.21	-1025.91	53.93	5.650e+04	2.015e+04	-3.461e+05
190	10	4.584e+04	2.398e+04	5.31e-03	0.0	0.0	2764.85	128.60	7.77	2568.89	1.915e+04	-4.773e+04
		-4.773e+04	1.915e+04	0.26	0.0	726.0	2764.85	128.60	7.77	2568.89	2.398e+04	4.584e+04
190	11	1.762e+04	2.408e+04	-8.08e-03	0.0	0.0	2993.45	-36.07	4.19	2122.89	2.204e+04	1.762e+04
		-8929.52	2.204e+04	-0.02	0.0	726.0	2993.45	-36.07	4.19	2122.89	2.408e+04	-8929.52
190	12	1.377e+05	9915.84	-0.08	0.0	0.0	258.01	-355.04	28.92	2.665e+04	-1.149e+04	1.377e+05
		-1.201e+05	-1.149e+04	0.53	0.0	726.0	258.01	-355.04	28.92	2.665e+04	9915.84	-1.201e+05
190	13	2.117e+05	1.113e+04	-0.09	0.0	0.0	208.64	-544.52	29.61	3.026e+04	-1.046e+04	2.117e+05
		-1.837e+05	-1.046e+04	-0.35	0.0	726.0	208.64	-544.52	29.61	3.026e+04	1.113e+04	-1.837e+05
190	14	3.438e+04	1.798e+04	3.98e-03	0.0	0.0	2072.99	96.47	5.87	1974.50	1.436e+04	-3.581e+04
		-3.581e+04	1.436e+04	0.20	0.0	726.0	2072.99	96.47	5.87	1974.50	1.798e+04	3.438e+04
190	15	1.320e+04	1.803e+04	-6.05e-03	0.0	0.0	2241.90	-27.05	3.17	1602.30	1.651e+04	1.320e+04
		-6716.91	1.651e+04	-0.02	0.0	726.0	2241.90	-27.05	3.17	1602.30	1.803e+04	-6716.91
190	16	1.033e+05	7467.08	-0.06	0.0	0.0	193.48	-266.39	21.76	2.004e+04	-8640.82	1.033e+05
		-9.011e+04	-8640.82	0.40	0.0	726.0	193.48	-266.39	21.76	2.004e+04	7467.08	-9.011e+04
190	17	1.588e+05	8417.99	-0.07	0.0	0.0	156.74	-408.63	22.37	2.275e+04	-7887.19	1.588e+05
		-1.378e+05	-7887.19	-0.26	0.0	726.0	156.74	-408.63	22.37	2.275e+04	8417.99	-1.378e+05
191	1	3.617e+05	4422.26	-0.21	-6490.87	0.0	-337.90	3257.05	0.41	1559.63	4128.23	-2.276e+05
		-2.276e+05	4128.23	-1.46e-03	0.0	721.2	-337.90	-3233.82	0.41	1559.63	4422.26	-2.276e+05
191	2	5204.52	2561.43	0.02	-7.37	0.0	12.62	67.08	1.53	7143.39	1458.95	-3.963e+04
		-3.963e+04	1458.95	-2.66e-03	0.0	721.2	12.62	59.71	1.53	7143.39	2561.43	5204.52
191	3	912.16	-270.78	3.09e-03	0.0	0.0	33.20	1.58	0.20	2853.97	-417.34	-226.92
		-226.92	-417.34	-6.46e-04	0.0	721.2	33.20	1.58	0.20	2853.97	-270.78	912.16
191	4	2088.45	779.49	4.82e-03	-0.71	0.0	4.76	5.51	0.57	4079.83	367.80	-1543.39
		-1543.39	367.80	-1.04e-03	0.0	721.2	4.76	4.80	0.57	4079.83	779.49	2088.45
191	5	3534.11	4153.76	2.11e-03	0.0	0.0	-102.45	8.34	1.14	71.57	3333.72	-2479.99
		-2479.99	3333.72	-6.53e-04	0.0	721.2	-102.45	8.34	1.14	71.57	4153.76	3534.11
191	6	9.992e+04	6.143e+04	-0.02	0.0	0.0	-6888.17	-274.40	18.81	-9746.15	4.938e+04	9.992e+04
		-9.839e+04	4.938e+04	0.50	0.0	721.2	-6888.17	-274.40	18.81	-9746.15	6.143e+04	-9.839e+04
191	7	8377.31	6.091e+04	-6.34e-03	0.0	0.0	-7325.35	39.29	10.33	-6425.03	5.490e+04	-2.314e+04
		-2.314e+04	5.490e+04	-0.03	0.0	721.2	-7325.35	39.29	10.33	-6425.03	6.091e+04	8377.31
191	8	4.125e+05	1.977e+04	-0.16	0.0	0.0	800.32	-1065.68	-53.98	-5.297e+04	1.977e+04	4.125e+05
		-3.561e+05	-2.032e+04	0.99	0.0	721.2	800.32	-1065.68	-53.98	-5.297e+04	-2.032e+04	-3.561e+05
191	9	2.674e+05	2.205e+04	-0.14	0.0	0.0	235.94	-691.93	-53.60	-4.866e+04	2.205e+04	2.674e+05
		-2.316e+05	-1.680e+04	-0.62	0.0	721.2	235.94	-691.93	-53.60	-4.866e+04	-1.680e+04	-2.316e+05
191	10	5.528e+04	3.283e+04	-0.01	0.0	0.0	-3676.03	-150.99	10.39	-5432.73	2.633e+04	5.528e+04
		-5.386e+04	2.633e+04	0.26	0.0	721.2	-3676.03	-150.99	10.39	-5432.73	3.283e+04	-5.386e+04
191	11	4751.13	3.243e+04	-3.18e-03	0.0	0.0	-3900.11	21.16	5.71	-3710.05	2.926e+04	-1.234e+04
		-1.234e+04	2.926e+04	-0.02	0.0	721.2	-3900.11	21.16	5.71	-3710.05	3.243e+04	4751.13
191	12	2.191e+05	1.104e+04	-0.08	0.0	0.0	426.44	-566.03	-30.18	-2.839e+04	1.104e+04	2.191e+05
		-1.891e+05	-1.133e+04	0.54	0.0	721.2	426.44	-566.03	-30.18	-2.839e+04	-1.133e+04	-1.891e+05
191	13	1.462e+05	1.186e+04	-0.07	0.0	0.0	132.59	-378.13	-28.98	-2.620e+04	1.186e+04	1.462e+05
		-1.266e+05	-9146.52	-0.34	0.0	721.2	132.59	-378.13	-28.98	-2.620e+04	-9146.52	-1.266e+05
191	14	4.147e+04	2.463e+04	-7.72e-03	0.0	0.0	-2756.67	-113.26	7.86	-4117.76	1.974e+04	4.147e+04
		-4.039e+04	1.974e+04	0.20	0.0	721.2	-2756.67	-113.26	7.86	-4117.76	2.463e+04	-4.039e+04
191	15	3610.70	2.429e+04	-2.35e-03	0.0	0.0	-2920.98	15.92	4.31	-2823.37	2.192e+04	-9254.69
		-9254.69	2.192e+04	-0.01	0.0	721.2	-2920.98	15.92	4.31	-2823.37	2.429e+04	3610.70
191	16	1.644e+05	8362.28	-0.06	0.0	0.0	319.91	-424.70	-22.89	-2.134e+04	8362.28	1.644e+05
		-1.419e+05	-8590.05	0.40	0.0	721.2	319.91	-424.70	-22.89	-2.134e+04	-8590.05	-1.419e+05
191	17	1.097e+05	8922.14	-0.05	0.0	0.0	99.60	-283.77	-21.82	-1.970e+04	8922.14	1.097e+05
		-9.498e+04	-6898.33	-0.26	0.0	721.2	99.60	-283.77	-21.82	-1.970e+04	-6898.33	-9.498e+04
192	1	2.536e+05	191.81	-0.03	-4968.00	0.0	-289.05	2780.62	-4.31	-1602.15	191.81	-3.907e+05
		-3.907e+05	-3375.41	-3.66e-03	0.0	828.0	-289.05	-2187.38	-4.31	-1602.15	-3375.41	-1.451e+05
192	2	8.607e+05	8514.80	-0.15	-1.399e+04	0.0	334.66	7316.81	14.59	1425.03	-3566.08	-7.202e+05
		-7.202e+05	-3566.08	-7.45e-03	0.0	828.0	334.66	-6676.39	14.59	1425.03	8514.80	-4.550e+05
192	3	-4440.19	-25.01	1.01e-03	0.0	0.0	-29.77	-0.99	-0.05	252.56	-25.01	-4440.19
		-5255.85	-69.21	-4.37e-04	0.0	828.0	-29.77	-0.99	-0.05	252.56	-69.21	-5255.85
192	4	8.212e+04	842.54	-0.01	-1345.50	0.0	-30.63	680.29	1.22	-14.09	-166.36	-6.025e+04
		-6.025e+04	-166.36	-1.13e-03	0.0	828.0	-30.63	-665.21	1.22	-14.09	842.54	-5.401e+04
192	5	3.933e+05	3725.64	-0.06	-5796.00	0.0	133.39	2884.59	4.44	-2371.70	53.32	-2.011e+05
		-2.122e+05	53.32	-3.05e-03	0.0	828.0	133.39	-2911.41	4.44	-2371.70	3725.64	-2.122e+05
192	6	2.264e+06	8154.33	0.07	0.0	0.0	-642.69	5457.06	-18.03	-2.591e+04	8154.33	-2.255e+06
		-2.255e+06	-7579.80	0.68	0.0	828.0	-642.69	5457.06	-18.03	-2.591e+04	-7579.80	2.264e+06
192	7	2.494e+06	8093.19	0.08	0.0	0.0	-754.53	6017.53	-10.24	-1.288e+04	8093.19	-2.488e+06
		-2.488e+06	-676.61	-0.03	0.0	828.0	-754.53	6017.53	-10.24	-1.288e+04	-676.61	2.494e+06
192	8	-3.324e+05	2.343e+04	0.06	0.0	0.0	-224.26	830.94	-46.12	-3.181e+04	2.343e+04	-3.324e+05
		-3.607e+05	-1.561e+04	0.36	0.0	828.0	-224.26	830.94	-46.12	-3.181e+04	-1.561e+04	-3.607e+05
192	9	2.652e+05	2.428e+04	-0.02	0.0	0.0	-155.65	727.01	-36.98	-5.786e+04	2.428e+04	-3.398e+05
		-3.398e+05	-8691.92	-0.50	0.0	828.0	-155.65	727.01	-36.98	-5.786e+04	-8691.92	2.652e+05
192	10	1.209e+06	4375.09	0.04	0.0	0.0	-345.34	2914.35	-9.67	-1.464e+04	4375.09	-1.204e+06
		-1.204e+06	-4141.61	0.37	0.0	828.0	-345.34	2914.35	-9.67	-1.464e+04	-4141.61	1.209e+06
192	11	1.329e+06	4315.16	0.04	0.0	0.0	-405.05	3205.94	-5.48	-6863.26	4315.16	-1.326e+06
		-1.326e+06	-393.07	-0.01	0.0	828.0	-405.05	3205.94	-5.48	-6863.26	-393.07	1.329e+06

192	12	-1.830e+05	1.260e+04	0.03	0.0	0.0	-128.08	452.96	-24.64	-1.867e+04	1.260e+04	-1.830e+05
		-1.951e+05	-8348.76	0.16	0.0	828.0	-128.08	452.96	-24.64	-1.867e+04	-8348.76	-1.951e+05
192	13	1.437e+05	1.309e+04	-0.01	0.0	0.0	-92.56	392.00	-20.32	-3.105e+04	1.309e+04	-1.828e+05
		-1.828e+05	-5075.90	-0.26	0.0	828.0	-92.56	392.00	-20.32	-3.105e+04	-5075.90	1.437e+05
192	14	9.064e+05	3284.18	0.03	0.0	0.0	-259.34	2185.57	-7.26	-1.099e+04	3284.18	-9.033e+05
		-9.033e+05	-3108.68	0.28	0.0	828.0	-259.34	2185.57	-7.26	-1.099e+04	-3108.68	9.064e+05
192	15	9.953e+05	3233.02	0.03	0.0	0.0	-303.89	2401.46	-4.10	-5142.21	3233.02	-9.932e+05
		-9.932e+05	-300.43	-0.01	0.0	828.0	-303.89	2401.46	-4.10	-5142.21	-300.43	9.953e+05
192	16	-1.377e+05	9464.69	0.03	0.0	0.0	-98.09	340.40	-18.51	-1.403e+04	9464.69	-1.377e+05
		-1.465e+05	-6270.69	0.12	0.0	828.0	-98.09	340.40	-18.51	-1.403e+04	-6270.69	-1.465e+05
192	17	1.078e+05	9842.16	-8.86e-03	0.0	0.0	-71.27	294.25	-15.32	-2.333e+04	9842.16	-1.373e+05
		-1.373e+05	-3843.88	-0.20	0.0	828.0	-71.27	294.25	-15.32	-2.333e+04	-3843.88	1.078e+05
193	1	2.562e+05	197.83	-0.04	-4968.00	0.0	-275.63	2202.60	4.22	1843.28	-3294.56	-1.480e+05
		-3.810e+05	-3294.56	4.00e-03	0.0	828.0	-275.63	-2765.40	4.22	1843.28	197.83	-3.810e+05
193	2	8.572e+05	8749.70	-0.13	-1.399e+04	0.0	259.87	6667.49	-15.03	-1294.92	8749.70	-4.548e+05
		-7.273e+05	-3697.63	-4.09e-03	0.0	828.0	259.87	-7325.71	-15.03	-1294.92	-3697.63	-7.273e+05
193	3	-3248.98	-17.91	1.77e-03	0.0	0.0	-69.74	-8.82	0.05	-255.19	-56.38	-3248.98
		-1.055e+04	-56.38	-3.45e-04	0.0	828.0	-69.74	-8.82	0.05	-255.19	-17.91	-1.055e+04
193	4	7.933e+04	885.96	-0.01	-1345.50	0.0	-90.33	652.19	-1.28	27.22	885.96	-5.142e+04
		-6.844e+04	-174.73	-7.44e-04	0.0	828.0	-90.33	-693.31	-1.28	27.22	-174.73	-6.844e+04
193	5	3.943e+05	3820.35	-0.07	-5796.00	0.0	125.07	2915.15	-4.61	2425.73	3820.35	-2.127e+05
		-2.127e+05	4.07	-3.35e-03	0.0	828.0	125.07	-2880.85	-4.61	2425.73	4.07	-1.985e+05
193	6	2.239e+06	9980.73	0.07	0.0	0.0	574.39	5412.95	-24.20	-2.678e+04	9980.73	-2.243e+06
		-2.243e+06	-1.071e+04	0.70	0.0	828.0	574.39	5412.95	-24.20	-2.678e+04	-1.071e+04	2.239e+06
193	7	2.473e+06	3224.09	0.08	0.0	0.0	702.07	5973.79	-16.65	-1.128e+04	3224.09	-2.474e+06
		-2.474e+06	-1.076e+04	6.98e-03	0.0	828.0	702.07	5973.79	-16.65	-1.128e+04	-1.076e+04	2.473e+06
193	8	3.905e+05	2.415e+04	0.03	0.0	0.0	-199.10	-1017.51	34.68	6.144e+04	-7693.59	3.905e+05
		-4.545e+05	-7693.59	0.60	0.0	828.0	-199.10	-1017.51	34.68	6.144e+04	2.415e+04	-4.545e+05
193	9	-2.034e+05	2.371e+04	0.06	0.0	0.0	193.80	-519.23	44.46	2.709e+04	-1.380e+04	-2.336e+05
		-2.336e+05	-1.380e+04	-0.34	0.0	828.0	193.80	-519.23	44.46	2.709e+04	2.371e+04	-2.034e+05
193	10	1.196e+06	5413.37	0.04	0.0	0.0	308.01	2891.11	-13.00	-1.505e+04	5413.37	-1.198e+06
		-1.198e+06	-5764.79	0.38	0.0	828.0	308.01	2891.11	-13.00	-1.505e+04	-5764.79	1.196e+06
193	11	1.318e+06	1765.62	0.04	0.0	0.0	375.44	3183.02	-8.90	-6011.57	1765.62	-1.318e+06
		-1.318e+06	-5731.02	3.60e-03	0.0	828.0	375.44	3183.02	-8.90	-6011.57	-5731.02	1.318e+06
193	12	2.099e+05	1.306e+04	0.02	0.0	0.0	-117.55	-545.80	19.13	3.306e+04	-4531.13	2.099e+05
		-2.436e+05	-4531.13	0.31	0.0	828.0	-117.55	-545.80	19.13	3.306e+04	1.306e+04	-2.436e+05
193	13	-1.154e+05	1.273e+04	0.03	0.0	0.0	108.45	-289.30	23.71	1.590e+04	-7347.93	-1.282e+05
		-1.282e+05	-7347.93	-0.16	0.0	828.0	108.45	-289.30	23.71	1.590e+04	1.273e+04	-1.154e+05
193	14	8.972e+05	4066.51	0.03	0.0	0.0	231.12	2168.22	-9.77	-1.129e+04	4066.51	-8.981e+05
		-8.981e+05	-4330.72	0.29	0.0	828.0	231.12	2168.22	-9.77	-1.129e+04	-4330.72	8.972e+05
193	15	9.870e+05	1330.97	0.03	0.0	0.0	281.46	2384.36	-6.67	-4504.85	1330.97	-9.873e+05
		-9.873e+05	-4293.60	2.68e-03	0.0	828.0	281.46	2384.36	-6.67	-4504.85	-4293.60	9.870e+05
193	16	1.576e+05	9829.77	0.01	0.0	0.0	-90.26	-409.57	14.41	2.483e+04	-3414.84	1.576e+05
		-1.828e+05	-3414.84	0.23	0.0	828.0	-90.26	-409.57	14.41	2.483e+04	9829.77	-1.828e+05
193	17	-8.679e+04	9560.77	0.03	0.0	0.0	82.35	-217.40	17.80	1.196e+04	-5515.96	-9.626e+04
		-9.626e+04	-5515.96	-0.12	0.0	828.0	82.35	-217.40	17.80	1.196e+04	9560.77	-8.679e+04
194	1	6.239e+04	4128.23	-0.02	-506.60	0.0	338.26	3763.65	59.30	2.189e+05	-3882.73	-4.118e+05
		-4.118e+05	-3882.73	-8.74e-04	0.0	135.1	338.26	3257.05	59.30	2.189e+05	4128.23	6.239e+04
194	2	1.748e+04	1458.95	0.03	-2319.37	0.0	-82.88	2386.45	55.27	3.628e+04	-6007.80	-1.510e+05
		-1.510e+05	-6007.80	-3.37e-04	0.0	135.1	-82.88	67.08	55.27	3.628e+04	1458.95	1.748e+04
194	3	2810.70	345.46	-9.11e-04	0.0	0.0	-35.87	1.58	-5.65	-544.62	345.46	2597.33
		2597.33	-417.34	-5.85e-05	0.0	135.1	-35.87	1.58	-5.65	-544.62	-417.34	2810.70
194	4	4343.99	367.80	3.66e-03	-223.02	0.0	-25.40	228.52	14.74	396.04	-1623.58	-1.172e+04
		-1.172e+04	-1623.58	-1.46e-04	0.0	135.1	-25.40	5.51	14.74	396.04	367.80	4343.99
194	5	732.22	3333.72	0.02	-945.66	0.0	24.00	954.00	89.88	2370.51	-8808.09	-6.427e+04
		-6.427e+04	-8808.09	1.58e-04	0.0	135.1	24.00	8.34	89.88	2370.51	3333.72	732.22
194	6	5.047e+04	4.938e+04	0.25	0.0	0.0	5389.95	-515.99	674.38	-9.441e+04	-4.191e+04	5.047e+04
		-3.416e+04	-4.191e+04	0.10	0.0	135.1	5389.95	-515.99	674.38	-9.441e+04	4.938e+04	-3.416e+04
194	7	5767.42	5.490e+04	0.24	0.0	0.0	5496.14	323.21	752.61	2.331e+04	-4.686e+04	-4.691e+04
		-4.691e+04	-4.686e+04	-6.00e-03	0.0	135.1	5496.14	323.21	752.61	2.331e+04	5.490e+04	5767.42
194	8	-1.486e+04	1.977e+04	0.12	0.0	0.0	-616.61	-1133.88	654.51	-3.837e+05	-6.936e+04	-1.486e+04
		-1.604e+05	-6.936e+04	0.11	0.0	135.1	-616.61	-1133.88	654.51	-3.837e+05	1.977e+04	-1.604e+05
194	9	-1.906e+04	2.205e+04	0.10	0.0	0.0	-202.46	-767.83	631.55	-2.453e+05	-6.338e+04	-1.906e+04
		-1.171e+05	-6.338e+04	-0.04	0.0	135.1	-202.46	-767.83	631.55	-2.453e+05	2.205e+04	-1.171e+05
194	10	2.990e+04	2.633e+04	0.13	0.0	0.0	2875.58	-292.77	359.31	-5.228e+04	-2.233e+04	2.990e+04
		-1.876e+04	-2.233e+04	0.06	0.0	135.1	2875.58	-292.77	359.31	-5.228e+04	2.633e+04	-1.876e+04
194	11	3373.63	2.926e+04	0.13	0.0	0.0	2926.05	194.24	401.71	1.244e+04	-2.507e+04	-2.822e+04
		-2.822e+04	-2.507e+04	-3.21e-03	0.0	135.1	2926.05	194.24	401.71	1.244e+04	2.926e+04	3373.63
194	12	-8612.79	1.104e+04	0.06	0.0	0.0	-329.22	-604.37	357.81	-2.038e+05	-3.771e+04	-8612.79
		-8.530e+04	-3.771e+04	0.06	0.0	135.1	-329.22	-604.37	357.81	-2.038e+05	1.104e+04	-8.530e+04
194	13	-1.034e+04	1.186e+04	0.05	0.0	0.0	-109.70	-420.81	340.18	-1.342e+05	-3.416e+04	-1.034e+04
		-6.352e+04	-3.416e+04	-0.02	0.0	135.1	-109.70	-420.81	340.18	-1.342e+05	1.186e+04	-6.352e+04
194	14	2.290e+04	1.974e+04	0.10	0.0	0.0	2156.42	-222.07	269.40	-3.922e+04	-1.674e+04	2.290e+04
		-1.408e+04	-1.674e+04	0.04	0.0	135.1	2156.42	-222.07	269.40	-3.922e+04	1.974e+04	-1.408e+04
194	15	2574.63	2.192e+04	0.09	0.0	0.0	2191.43	148.90	301.02	9326.95	-1.879e+04	-2.163e+04
		-2.163e+04	-1.879e+04	-2.42e-03	0.0	135.1	2191.43	148.90	301.02	9326.95	2.192e+04	2574.63

194	16	-6533.82	8362.28	0.05	0.0	0.0	-247.01	-453.90	270.04	-1.529e+05	-2.843e+04	-6533.82
		-6.402e+04	-2.843e+04	0.04	0.0	135.1	-247.01	-453.90	270.04	-1.529e+05	8362.28	-6.402e+04
194	17	-7816.72	8922.14	0.04	0.0	0.0	-82.48	-316.40	255.79	-1.007e+05	-2.568e+04	-7816.72
		-4.769e+04	-2.568e+04	-0.01	0.0	135.1	-82.48	-316.40	255.79	-1.007e+05	8922.14	-4.769e+04
195	1	6.211e+04	3857.83	0.03	-526.04	0.0	336.00	-3274.29	-52.01	-2.193e+05	3857.83	6.211e+04
		-4.341e+05	-3438.35	7.82e-04	0.0	140.3	336.00	-3800.34	-52.01	-2.193e+05	-3438.35	-4.341e+05
195	2	9418.08	2197.93	-0.03	-2409.31	0.0	-4.24	-58.32	-59.04	-3.777e+04	2197.93	9418.08
		-1.703e+05	-6084.63	-2.23e-04	0.0	140.3	-4.24	-2467.63	-59.04	-3.777e+04	-6084.63	-1.703e+05
195	3	-264.26	140.32	7.28e-04	0.0	0.0	17.93	0.03	-1.03	-319.50	140.32	-267.85
		-267.85	-4.46	-4.34e-05	0.0	140.3	17.93	0.03	-1.03	-319.50	-4.46	-264.26
195	4	-310.24	1154.91	-3.95e-03	-231.66	0.0	52.30	-2.75	-22.96	-1713.63	1154.91	-310.24
		-1.719e+04	-2066.00	2.99e-05	0.0	140.3	52.30	-234.41	-22.96	-1713.63	-2066.00	-1.719e+04
195	5	-191.32	3327.42	-0.02	-981.95	0.0	28.80	-7.79	-84.69	-2851.83	3327.42	-191.32
		-7.016e+04	-8553.01	2.40e-04	0.0	140.3	28.80	-989.74	-84.69	-2851.83	-8553.01	-7.016e+04
195	6	2.509e+04	2.848e+04	0.25	0.0	0.0	-4072.14	-491.22	457.79	-8.155e+04	-3.593e+04	2.509e+04
		-5.461e+04	-3.593e+04	0.11	0.0	140.3	-4072.14	-491.22	457.79	-8.155e+04	2.848e+04	-5.461e+04
195	7	1.247e+04	3.371e+04	0.24	0.0	0.0	-4167.09	323.25	534.58	3.082e+04	-4.136e+04	-1.247e+04
		-5.107e+04	-4.136e+04	-0.02	0.0	140.3	-4167.09	323.25	534.58	3.082e+04	3.371e+04	-5.107e+04
195	8	-1.965e+04	2.139e+04	-0.11	0.0	0.0	-373.69	727.80	-572.52	2.277e+05	2.139e+04	-1.127e+05
		-1.127e+05	-5.910e+04	0.04	0.0	140.3	-373.69	727.80	-572.52	2.277e+05	-5.910e+04	-1.965e+04
195	9	-1.607e+04	1.915e+04	-0.12	0.0	0.0	-289.41	1113.19	-611.20	3.691e+05	1.915e+04	-1.610e+05
		-1.610e+05	-6.683e+04	-0.10	0.0	140.3	-289.41	1113.19	-611.20	3.691e+05	-6.683e+04	-1.607e+04
195	10	1.417e+04	1.517e+04	0.13	0.0	0.0	-2170.50	-281.32	243.83	-4.565e+04	-1.915e+04	1.417e+04
		-3.195e+04	-1.915e+04	0.06	0.0	140.3	-2170.50	-281.32	243.83	-4.565e+04	1.517e+04	-3.195e+04
195	11	-6678.92	1.804e+04	0.13	0.0	0.0	-2218.16	195.42	285.35	1.644e+04	-2.204e+04	-6678.92
		-3.029e+04	-2.204e+04	-0.01	0.0	140.3	-2218.16	195.42	285.35	1.644e+04	2.204e+04	-3.029e+04
195	12	-1.087e+04	1.149e+04	-0.06	0.0	0.0	-199.75	402.91	-308.55	1.260e+05	1.149e+04	-6.152e+04
		-6.152e+04	-3.190e+04	0.02	0.0	140.3	-199.75	402.91	-308.55	1.260e+05	-3.190e+04	-1.087e+04
195	13	-9506.53	1.046e+04	-0.07	0.0	0.0	-155.54	594.11	-329.50	1.959e+05	1.046e+04	-8.562e+04
		-8.562e+04	-3.592e+04	-0.05	0.0	140.3	-155.54	594.11	-329.50	1.959e+05	-3.592e+04	-9506.53
195	14	1.064e+04	1.138e+04	0.10	0.0	0.0	-1627.36	-213.70	182.82	-3.425e+04	-1.436e+04	1.064e+04
		-2.440e+04	-1.436e+04	0.04	0.0	140.3	-1627.36	-213.70	182.82	-3.425e+04	1.138e+04	-2.440e+04
195	15	-5010.94	1.353e+04	0.10	0.0	0.0	-1661.22	149.90	213.84	1.232e+04	-1.651e+04	-5010.94
		-2.315e+04	-1.651e+04	-7.70e-03	0.0	140.3	-1661.22	149.90	213.84	1.232e+04	1.353e+04	-2.315e+04
195	16	-8258.00	8640.82	-0.04	0.0	0.0	-149.77	303.00	-231.87	9.455e+04	8640.82	-4.618e+04
		-4.618e+04	-2.397e+04	0.01	0.0	140.3	-149.77	303.00	-231.87	9.455e+04	-2.397e+04	-8258.00
195	17	-7303.15	7887.19	-0.05	0.0	0.0	-116.77	446.61	-247.95	1.470e+05	7887.19	-6.427e+04
		-6.427e+04	-2.701e+04	-0.04	0.0	140.3	-116.77	446.61	-247.95	1.470e+05	-2.701e+04	-7303.15
196	1	4.660e+04	257.54	0.01	-1708.31	0.0	-892.02	725.58	5.88	-2811.73	257.54	-8.211e+04
		-8.211e+04	-2418.94	-3.24e-03	0.0	455.5	-892.02	-982.72	5.88	-2811.73	-2418.94	-8.211e+04
196	2	2.731e+05	2821.04	-0.05	-8797.36	0.0	548.94	3840.43	-13.19	-2.983e+04	2821.04	-8.787e+04
		-3.934e+05	-3186.66	-1.48e-03	0.0	455.5	548.94	-4956.93	-13.19	-2.983e+04	-3186.66	-3.934e+05
196	3	1220.58	92.06	1.16e-04	0.0	0.0	4.66	3.97	0.47	-177.22	92.06	1220.58
		-586.19	-123.14	-2.61e-04	0.0	455.5	4.66	3.97	0.47	-177.22	-123.14	-586.19
196	4	2.213e+04	450.77	-3.80e-03	-845.90	0.0	-4.42	418.85	-1.62	-4319.86	450.77	-2.264e+04
		-2.943e+04	-287.10	-4.22e-04	0.0	455.5	-4.42	-427.05	-1.62	-4319.86	-287.10	-2.943e+04
196	5	8.000e+04	2952.38	-0.01	-3188.84	0.0	-170.29	1501.87	-10.53	-1.723e+04	2952.38	-8.050e+04
		-1.227e+05	-1842.66	-6.40e-04	0.0	455.5	-170.29	-1686.97	-10.53	-1.723e+04	-1842.66	-1.227e+05
196	6	3.878e+05	1.751e+04	0.01	0.0	0.0	9477.71	1636.35	-60.73	-6.574e+04	1.751e+04	-3.767e+05
		-3.767e+05	-1.112e+04	0.33	0.0	455.5	9477.71	1636.35	-60.73	-6.574e+04	-1.112e+04	-3.767e+05
196	7	6.692e+05	1.692e+04	-0.02	0.0	0.0	1.265e+04	2774.17	-40.73	-9.074e+04	1.692e+04	-5.947e+05
		-5.947e+05	-2015.40	0.02	0.0	455.5	1.265e+04	2774.17	-40.73	-9.074e+04	-2015.40	-5.947e+05
196	8	9.732e+05	2.762e+04	0.08	0.0	0.0	4905.04	4977.58	-108.65	-2.802e+04	2.762e+04	-1.295e+06
		-1.295e+06	-2.329e+04	0.36	0.0	455.5	4905.04	4977.58	-108.65	-2.802e+04	-2.329e+04	-1.295e+06
196	9	1.663e+06	3.234e+04	0.12	0.0	0.0	9634.72	8346.14	-106.75	-5.630e+04	3.234e+04	-2.139e+06
		-2.139e+06	-2.017e+04	-0.35	0.0	455.5	9634.72	8346.14	-106.75	-5.630e+04	-2.017e+04	-2.139e+06
196	10	2.205e+05	9382.06	7.99e-03	0.0	0.0	5122.55	946.39	-32.49	-3.546e+04	9382.06	-2.202e+05
		-2.202e+05	-6031.51	0.17	0.0	455.5	5122.55	946.39	-32.49	-3.546e+04	-6031.51	-2.202e+05
196	11	3.565e+05	9007.71	-0.01	0.0	0.0	6737.84	1477.85	-21.72	-4.830e+04	9007.71	-3.168e+05
		-3.168e+05	-1135.65	8.34e-03	0.0	455.5	6737.84	1477.85	-21.72	-4.830e+04	-1135.65	-3.168e+05
196	12	5.413e+05	1.498e+04	0.04	0.0	0.0	2838.24	2762.50	-59.01	-1.644e+04	1.498e+04	-7.176e+05
		-7.176e+05	-1.280e+04	0.20	0.0	455.5	2838.24	2762.50	-59.01	-1.644e+04	-1.280e+04	-7.176e+05
196	13	8.823e+05	1.762e+04	0.07	0.0	0.0	5120.49	4428.46	-60.14	-3.003e+04	1.762e+04	-1.135e+06
		-1.135e+06	-1.190e+04	-0.19	0.0	455.5	5120.49	4428.46	-60.14	-3.003e+04	-1.190e+04	-1.135e+06
196	14	1.655e+05	7039.46	6.00e-03	0.0	0.0	3842.11	710.19	-24.38	-2.659e+04	7039.46	-1.653e+05
		-1.653e+05	-4529.47	0.13	0.0	455.5	3842.11	710.19	-24.38	-2.659e+04	-4529.47	-1.653e+05
196	15	2.670e+05	6746.13	-9.29e-03	0.0	0.0	5046.91	1106.99	-16.27	-3.617e+04	6746.13	-2.373e+05
		-2.373e+05	-861.58	6.25e-03	0.0	455.5	5046.91	1106.99	-16.27	-3.617e+04	-861.58	-2.373e+05
196	16	4.061e+05	1.127e+04	0.03	0.0	0.0	2130.18	2072.56	-44.48	-1.234e+04	1.127e+04	-5.384e+05
		-5.384e+05	-9673.42	0.15	0.0	455.5	2130.18	2072.56	-44.48	-1.234e+04	-9673.42	-5.384e+05
196	17	6.621e+05	1.329e+04	0.05	0.0	0.0	3843.51	3323.11	-45.65	-2.255e+04	1.329e+04	-8.519e+05
		-8.519e+05	-9110.14	-0.15	0.0	455.5	3843.51	3323.11	-45.65	-2.255e+04	-9110.14	-8.519e+05
197	1	4.424e+04	4196.00	-6.53e-03	-1650.00	0.0	1588.01	737.16	-13.12	1.030e+04	4196.00	-2.818e+04
		-6.684e+04	-1578.44	-2.77e-03	0.0	440.0	1588.01	-912.84	-13.12	1.030e+04	-1578.44	-6.684e+04
197	2	2.354e+05	2259.25	-0.04	-8797.36	0.0	4359.26	3987.75	23.89	3.786e+04	-8254.05	-1.417e+05
		-3.720e+05	-8254.05	1.96e-03	0.0	440.0	4359.26	-4809.61	23.89	3.786e+04	2259.25	-3.720e+05

197	3	686.29	68.04	-2.09e-04	0.0	0.0	57.51	5.85	-0.23	410.46	68.04	-1885.85
		-1885.85	-30.96	-3.14e-04	0.0	440.0	57.51	5.85	-0.23	410.46	-30.96	686.29
197	4	1.777e+04	403.95	-2.38e-03	-845.90	0.0	119.20	415.09	3.48	4366.84	-1128.80	-2.465e+04
		-3.286e+04	-1128.80	-5.21e-04	0.0	440.0	119.20	-430.81	3.48	4366.84	403.95	-3.286e+04
197	5	6.736e+04	2166.68	-0.01	-3080.00	0.0	50.81	1474.31	17.96	1.696e+04	-5735.61	-8.759e+04
		-1.165e+05	-5735.61	1.24e-03	0.0	440.0	50.81	-1605.69	17.96	1.696e+04	2166.68	-1.165e+05
197	6	1.615e+05	2.764e+04	-0.04	0.0	0.0	-2306.79	-780.85	-130.30	-9.858e+04	2.764e+04	1.615e+05
		-1.840e+05	-2.971e+04	0.32	0.0	440.0	-2306.79	-780.85	-130.30	-9.858e+04	-2.971e+04	-1.840e+05
197	7	-4.208e+04	1.150e+04	-0.03	0.0	0.0	-4246.11	-184.82	-51.33	-1.198e+05	1.150e+04	-5.992e+04
		-5.992e+04	-1.109e+04	0.03	0.0	440.0	-4246.11	-184.82	-51.33	-1.198e+05	-1.109e+04	-4.208e+04
197	8	1.444e+06	-1.376e+04	0.07	0.0	0.0	-2652.75	6698.48	71.05	4.460e+04	-1.376e+04	-1.504e+06
		-1.504e+06	-1.805e+04	0.36	0.0	440.0	-2652.75	6698.48	71.05	4.460e+04	-1.805e+04	-1.444e+06
197	9	1.705e+06	2.629e+04	0.08	0.0	0.0	-4339.94	7968.07	104.10	1.862e+04	2.629e+04	1.705e+06
		-1.801e+06	-2.016e+04	-0.34	0.0	440.0	-4339.94	7968.07	104.10	1.862e+04	2.629e+04	1.705e+06
197	10	8.941e+04	1.481e+04	-0.02	0.0	0.0	-1297.21	-427.93	-69.82	-5.280e+04	1.481e+04	8.941e+04
		-1.000e+05	-1.592e+04	0.16	0.0	440.0	-1297.21	-427.93	-69.82	-5.280e+04	-1.592e+04	-1.000e+05
197	11	-2.261e+04	6137.90	-0.01	0.0	0.0	-2259.29	-99.93	-27.37	-6.383e+04	6137.90	-3.223e+04
		-3.223e+04	-5911.89	0.01	0.0	440.0	-2259.29	-99.93	-27.37	-6.383e+04	-5911.89	-3.223e+04
197	12	7.763e+05	-8016.26	0.04	0.0	0.0	-1559.16	3603.15	41.60	2.389e+04	-8016.26	-8.092e+05
		-8.092e+05	-1.061e+04	0.20	0.0	440.0	-1559.16	3603.15	41.60	2.389e+04	-1.061e+04	-7.763e+05
197	13	9.075e+05	1.462e+04	0.04	0.0	0.0	-2322.84	4240.10	57.16	1.077e+04	-1.093e+04	-9.582e+05
		-9.582e+05	-1.093e+04	-0.19	0.0	440.0	-2322.84	4240.10	57.16	1.077e+04	1.462e+04	9.075e+05
197	14	6.709e+04	1.110e+04	-0.01	0.0	0.0	-973.07	-321.05	-52.35	-3.959e+04	1.110e+04	6.709e+04
		-7.505e+04	-1.194e+04	0.12	0.0	440.0	-973.07	-321.05	-52.35	-3.959e+04	-1.194e+04	-7.505e+04
197	15	-1.699e+04	4598.91	-0.01	0.0	0.0	-1691.93	-75.16	-20.51	-4.781e+04	4598.91	-2.420e+04
		-2.420e+04	-4428.35	0.01	0.0	440.0	-1691.93	-75.16	-20.51	-4.781e+04	-4428.35	-1.699e+04
197	16	5.823e+05	-6026.51	0.03	0.0	0.0	-1170.96	2703.05	31.38	1.794e+04	-6026.51	-6.070e+05
		-6.070e+05	-8033.89	0.15	0.0	440.0	-1170.96	2703.05	31.38	1.794e+04	-8033.89	-5.823e+05
197	17	6.810e+05	1.106e+04	0.03	0.0	0.0	-1745.99	3181.98	43.10	8085.03	-8213.86	-7.191e+05
		-7.191e+05	-8213.86	-0.14	0.0	440.0	-1745.99	3181.98	43.10	8085.03	1.106e+04	6.810e+05
198	1	4.446e+04	1618.78	-6.60e-03	-1650.00	0.0	1649.62	734.84	13.06	-1.043e+04	-4127.45	-2.751e+04
		-6.718e+04	-4127.45	2.42e-03	0.0	440.0	1649.62	-915.16	13.06	-1.043e+04	1618.78	-6.718e+04
198	2	2.372e+05	7969.31	-0.04	-8797.36	0.0	4385.97	3948.04	-22.17	-3.616e+04	7969.31	-1.322e+05
		-3.800e+05	-1785.75	-2.88e-03	0.0	440.0	4385.97	-4849.32	-22.17	-3.616e+04	-1785.75	-3.800e+05
198	3	1369.09	192.80	4.22e-04	0.0	0.0	19.83	-8.34	0.98	431.22	-239.98	1369.09
		-2298.54	-239.98	-3.13e-04	0.0	440.0	19.83	-8.34	0.98	431.22	192.80	-2298.54
198	4	1.851e+04	893.00	-2.12e-03	-845.90	0.0	65.84	393.69	-2.41	-3136.61	893.00	-1.972e+04
		-3.735e+04	-167.39	-4.84e-04	0.0	440.0	65.84	-452.21	-2.41	-3136.61	-167.39	-3.735e+04
198	5	6.737e+04	5815.55	-0.01	-3080.00	0.0	53.58	1473.57	-18.17	-1.699e+04	5815.55	-8.741e+04
		-1.166e+05	-2180.30	-1.37e-03	0.0	440.0	53.58	-1606.43	-18.17	-1.699e+04	-2180.30	-1.166e+05
198	6	2.566e+05	3.114e+04	0.04	0.0	0.0	3472.44	1110.71	-142.37	-1.001e+05	3.114e+04	-2.332e+05
		-2.332e+05	-3.152e+04	0.33	0.0	440.0	3472.44	1110.71	-142.37	-1.001e+05	-3.152e+04	-2.566e+05
198	7	8.039e+04	1.556e+04	0.03	0.0	0.0	5699.59	249.96	-67.59	-1.212e+05	1.556e+04	8.039e+04
		3.816e+04	-1.421e+04	0.04	0.0	440.0	5699.59	249.96	-67.59	-1.212e+05	-1.421e+04	8.039e+04
198	8	1.674e+06	1.998e+04	0.08	0.0	0.0	-4745.92	7828.38	-91.48	-2.453e+04	1.998e+04	-1.770e+06
		-1.770e+06	-2.029e+04	0.35	0.0	440.0	-4745.92	7828.38	-91.48	-2.453e+04	-2.029e+04	-1.674e+06
198	9	1.491e+06	1.075e+04	0.07	0.0	0.0	-2515.75	6920.81	-51.54	-3.840e+04	1.075e+04	-1.554e+06
		-1.554e+06	-1.201e+04	-0.34	0.0	440.0	-2515.75	6920.81	-51.54	-3.840e+04	-1.201e+04	-1.491e+06
198	10	1.382e+05	1.667e+04	0.02	0.0	0.0	1912.38	600.33	-76.22	-5.363e+04	1.667e+04	-1.266e+05
		-1.266e+05	-1.688e+04	0.17	0.0	440.0	1912.38	600.33	-76.22	-5.363e+04	-1.688e+04	-1.382e+05
198	11	4.277e+04	8316.36	0.01	0.0	0.0	3034.50	133.10	-36.08	-6.457e+04	8316.36	2.042e+04
		2.042e+04	-7576.23	0.02	0.0	440.0	3034.50	133.10	-36.08	-6.457e+04	-7576.23	4.277e+04
198	12	8.918e+05	1.084e+04	0.04	0.0	0.0	-2546.06	4168.66	-49.77	-1.389e+04	1.084e+04	-9.425e+05
		-9.425e+05	-1.107e+04	0.20	0.0	440.0	-2546.06	4168.66	-49.77	-1.389e+04	-1.107e+04	-8.918e+05
198	13	7.994e+05	6241.82	0.04	0.0	0.0	-1472.10	3712.21	-29.76	-2.054e+04	6241.82	-8.340e+05
		-8.340e+05	-6894.29	-0.19	0.0	440.0	-1472.10	3712.21	-29.76	-2.054e+04	-6894.29	-7.994e+05
198	14	1.037e+05	1.250e+04	0.01	0.0	0.0	1434.57	450.33	-57.17	-4.021e+04	1.250e+04	-9.497e+04
		-9.497e+04	-1.266e+04	0.13	0.0	440.0	1434.57	450.33	-57.17	-4.021e+04	-1.266e+04	-1.037e+05
198	15	3.203e+04	6233.39	0.01	0.0	0.0	2272.80	99.73	-27.03	-4.837e+04	6233.39	1.534e+04
		1.534e+04	-5675.52	0.01	0.0	440.0	2272.80	99.73	-27.03	-4.837e+04	-5675.52	3.203e+04
198	16	6.691e+05	8134.19	0.03	0.0	0.0	-1912.54	3127.74	-37.34	-1.043e+04	8134.19	-7.071e+05
		-7.071e+05	-8304.47	0.15	0.0	440.0	-1912.54	3127.74	-37.34	-1.043e+04	-8304.47	-6.691e+05
198	17	5.999e+05	4684.39	0.03	0.0	0.0	-1107.45	2785.77	-22.33	-1.542e+04	4684.39	-6.259e+05
		-6.259e+05	-5174.08	-0.14	0.0	440.0	-1107.45	2785.77	-22.33	-1.542e+04	-5174.08	-5.999e+05
199	1	4.639e+04	177.21	-0.02	-1708.31	0.0	-882.83	982.16	-5.48	3215.12	177.21	-8.217e+04
		-8.217e+04	-2317.96	2.98e-03	0.0	455.5	-882.83	-726.14	-5.48	3215.12	-2317.96	-2.386e+04
199	2	2.740e+05	2968.68	-0.06	-8797.36	0.0	521.62	4981.13	13.76	2.936e+04	-3297.51	-3.987e+05
		-3.987e+05	-3297.51	-6.60e-04	0.0	455.5	521.62	-3816.23	13.76	2.936e+04	2968.68	-8.217e+04
199	3	1109.69	55.85	-5.67e-04	0.0	0.0	0.50	2.87	-0.20	8.20	55.85	-199.43
		-199.43	-37.17	-2.77e-04	0.0	455.5	0.50	2.87	-0.20	8.20	-37.17	1109.69
199	4	2.244e+04	569.21	-4.87e-03	-845.90	0.0	-11.69	437.51	2.00	4087.69	-339.83	-3.163e+04
		-3.163e+04	-339.83	-4.25e-04	0.0	455.5	-11.69	-408.39	2.00	4087.69	569.21	-2.007e+04
199	5	7.994e+04	2954.65	-0.02	-3188.84	0.0	-161.86	1686.75	10.55	1.735e+04	-1849.12	-1.227e+05
		-1.227e+05	-1849.12	-6.06e-04	0.0	455.5	-161.86	-1502.09	10.55	1.735e+04	2954.65	-8.062e+04
199	6	3.862e+05	1.249e+04	-0.01	0.0	0.0	-1.082e+04	1599.41	-69.63	-6.459e+04	1.249e+04	-3.654e+05
		-3.654e+05	-2.023e+04	0.34	0.0	455.5	-1.082e+04	1599.41	-69.63	-6.459e+04	-2.023e+04	-3.862e+05

199	7	5.318e+05	2273.94	0.03	0.0	0.0	-1.423e+04	2525.97	-47.84	-8.973e+04	2273.94	-6.190e+05
		-6.190e+05	-1.957e+04	0.03	0.0	455.5	-1.423e+04	2525.97	-47.84	-8.973e+04	-1.957e+04	5.318e+05
199	8	1.696e+06	2.831e+04	0.09	0.0	0.0	1.062e+04	-8476.17	69.33	6.165e+04	-8460.48	1.696e+06
		-2.166e+06	-8460.48	0.37	0.0	455.5	1.062e+04	-8476.17	69.33	6.165e+04	2.831e+04	-2.166e+06
199	9	1.029e+06	2.543e+04	0.06	0.0	0.0	4937.84	-5243.34	86.56	2.495e+04	-1.522e+04	1.029e+06
		-1.360e+06	-1.522e+04	-0.34	0.0	455.5	4937.84	-5243.34	86.56	2.495e+04	2.543e+04	-1.360e+06
199	10	2.240e+05	6742.26	-8.81e-03	0.0	0.0	-5844.01	925.07	-37.18	-3.484e+04	6742.26	-2.088e+05
		-2.088e+05	-1.083e+04	0.18	0.0	455.5	-5844.01	925.07	-37.18	-3.484e+04	-1.083e+04	2.240e+05
199	11	2.832e+05	1219.86	0.02	0.0	0.0	-7580.69	1345.29	-25.47	-4.776e+04	1219.86	-3.297e+05
		-3.297e+05	-1.041e+04	0.02	0.0	455.5	-7580.69	1345.29	-25.47	-4.776e+04	-1.041e+04	2.832e+05
199	12	9.006e+05	1.528e+04	0.05	0.0	0.0	5650.56	-4500.99	38.19	3.295e+04	-4996.83	9.006e+05
		-1.150e+06	-4996.83	0.20	0.0	455.5	5650.56	-4500.99	38.19	3.295e+04	1.528e+04	-1.150e+06
199	13	5.646e+05	1.367e+04	0.03	0.0	0.0	2828.78	-2873.77	46.14	1.461e+04	-8128.18	5.646e+05
		-7.447e+05	-8128.18	-0.19	0.0	455.5	2828.78	-2873.77	46.14	1.461e+04	1.367e+04	-7.447e+05
199	14	1.681e+05	5058.08	-6.61e-03	0.0	0.0	-4383.63	694.28	-27.89	-2.613e+04	5058.08	-1.567e+05
		-1.567e+05	-8125.26	0.13	0.0	455.5	-4383.63	694.28	-27.89	-2.613e+04	-8125.26	1.681e+05
199	15	2.122e+05	915.10	0.01	0.0	0.0	-5678.48	1007.77	-19.07	-3.577e+04	915.10	-2.470e+05
		-2.470e+05	-7798.01	0.01	0.0	455.5	-5678.48	1007.77	-19.07	-3.577e+04	-7798.01	2.122e+05
199	16	6.757e+05	1.150e+04	0.03	0.0	0.0	4240.59	-3377.08	28.78	2.473e+04	-3763.14	6.757e+05
		-8.629e+05	-3763.14	0.15	0.0	455.5	4240.59	-3377.08	28.78	2.473e+04	1.150e+04	-8.629e+05
199	17	4.237e+05	1.027e+04	0.02	0.0	0.0	2124.37	-2156.51	34.65	1.097e+04	-6101.14	4.237e+05
		-5.589e+05	-6101.14	-0.14	0.0	455.5	2124.37	-2156.51	34.65	1.097e+04	1.027e+04	-5.589e+05
200	1	1.418e+04	334.38	-3.58e-03	-1319.88	0.0	-11.11	659.30	-1.67	1284.91	334.38	-4.378e+04
		-4.401e+04	-253.50	-3.88e-03	0.0	352.0	-11.11	-660.57	-1.67	1284.91	-253.50	-4.401e+04
200	2	7.744e+04	1826.24	-7.23e-03	-7080.84	0.0	534.90	3667.80	-7.48	9414.39	1826.24	-2.329e+05
		-2.353e+05	-808.10	-4.08e-03	0.0	352.0	534.90	-3413.04	-7.48	9414.39	-808.10	-2.353e+05
200	3	2042.11	35.84	-2.27e-04	0.0	0.0	22.87	6.45	0.08	-557.54	8.02	-226.94
		-226.94	8.02	-2.01e-04	0.0	352.0	22.87	6.45	0.08	-557.54	35.84	2042.11
200	4	9492.47	-16.25	-1.01e-03	-680.85	0.0	-4.71	360.58	-0.04	407.75	-16.25	-2.174e+04
		-2.174e+04	-28.76	-3.82e-04	0.0	352.0	-4.71	-320.27	-0.04	407.75	-28.76	-1.918e+04
200	5	3.113e+04	-168.93	-3.24e-03	-2463.77	0.0	-0.36	1189.74	-0.51	3514.47	-168.93	-6.985e+04
		-8.468e+04	-348.06	-2.68e-04	0.0	352.0	-0.36	-1274.03	-0.51	3514.47	-348.06	-8.468e+04
200	6	8.241e+05	1.493e+04	-0.03	0.0	0.0	1194.48	4475.10	-75.30	1.537e+04	1.493e+04	-7.514e+05
		-7.514e+05	1.202e+04	0.23	0.0	352.0	1194.48	4475.10	-75.30	1.537e+04	1.202e+04	8.241e+05
200	7	6.370e+05	9591.96	-0.03	0.0	0.0	2037.38	3306.42	38.41	2496.50	-3950.14	-5.268e+05
		-5.268e+05	-3950.14	0.01	0.0	352.0	2037.38	3306.42	38.41	2496.50	9591.96	6.370e+05
200	8	1.054e+06	1.738e+04	0.04	0.0	0.0	821.98	-5887.90	-116.75	1.580e+04	1.738e+04	1.054e+06
		-1.018e+06	-2.471e+04	0.30	0.0	352.0	821.98	-5887.90	-116.75	1.580e+04	-2.471e+04	-1.018e+06
200	9	1.429e+06	2.333e+04	0.05	0.0	0.0	967.14	-7863.02	116.76	-1.306e+04	-1.987e+04	1.429e+06
		-1.339e+06	-1.987e+04	-0.26	0.0	352.0	967.14	-7863.02	116.76	-1.306e+04	2.333e+04	-1.339e+06
200	10	4.392e+05	8272.32	-0.01	0.0	0.0	655.62	2386.14	-42.35	8372.99	8272.32	-4.009e+05
		-4.009e+05	6875.14	0.12	0.0	352.0	655.62	2386.14	-42.35	8372.99	6875.14	4.392e+05
200	11	3.392e+05	5114.14	-0.01	0.0	0.0	1087.47	1760.51	20.46	1335.17	-2102.81	-2.805e+05
		-2.805e+05	-2102.81	7.46e-03	0.0	352.0	1087.47	1760.51	20.46	1335.17	5114.14	3.392e+05
200	12	5.723e+05	9762.16	0.02	0.0	0.0	484.23	-3193.35	-65.17	8690.61	9762.16	5.723e+05
		-5.518e+05	-1.380e+04	0.17	0.0	352.0	484.23	-3193.35	-65.17	8690.61	-1.380e+04	-5.518e+05
200	13	7.586e+05	1.340e+04	0.03	0.0	0.0	519.47	-4175.98	65.19	-7207.93	-1.080e+04	7.586e+05
		-7.113e+05	-1.080e+04	-0.14	0.0	352.0	519.47	-4175.98	65.19	-7207.93	1.340e+04	-7.113e+05
200	14	3.294e+05	6206.70	-0.01	0.0	0.0	492.44	1789.31	-31.79	6281.65	6206.70	-3.006e+05
		-3.006e+05	5162.43	0.09	0.0	352.0	492.44	1789.31	-31.79	6281.65	5162.43	3.294e+05
200	15	2.540e+05	3832.14	-0.01	0.0	0.0	814.92	1318.58	15.33	1000.69	-1575.31	-2.101e+05
		-2.101e+05	-1575.31	5.58e-03	0.0	352.0	814.92	1318.58	15.33	1000.69	3832.14	2.540e+05
200	16	4.293e+05	7328.56	0.02	0.0	0.0	363.63	-2395.62	-49.05	6522.58	7328.56	4.293e+05
		-4.139e+05	-1.042e+04	0.12	0.0	352.0	363.63	-2395.62	-49.05	6522.58	-1.042e+04	-4.139e+05
200	17	5.692e+05	1.019e+04	0.02	0.0	0.0	390.77	-3133.55	49.23	-5411.02	-8113.80	5.692e+05
		-5.337e+05	-8113.80	-0.11	0.0	352.0	390.77	-3133.55	49.23	-5411.02	1.019e+04	-5.337e+05
201	1	1.479e+04	893.99	4.85e-03	-1319.88	0.0	1180.01	644.85	11.06	-1275.79	-2998.02	-4.063e+04
		-4.594e+04	-2998.02	-4.58e-03	0.0	352.0	1180.01	-675.03	11.06	-1275.79	893.99	-4.594e+04
201	2	8.332e+04	-763.72	0.01	-7080.84	0.0	4491.62	3316.08	3.11	-2130.34	-1857.05	-2.123e+05
		-2.441e+05	-1857.05	-6.23e-03	0.0	352.0	4491.62	-3764.76	3.11	-2130.34	-763.72	-2.441e+05
201	3	5061.12	133.27	3.64e-04	0.0	0.0	83.11	-22.83	0.69	472.37	-110.61	5061.12
		-2972.70	-110.61	-3.02e-04	0.0	352.0	83.11	-22.83	0.69	472.37	133.27	-2972.70
201	4	1.016e+04	160.49	1.00e-03	-680.85	0.0	122.86	294.31	0.40	540.12	160.49	-1.407e+04
		-2.576e+04	19.47	-5.32e-04	0.0	352.0	122.86	-386.54	0.40	540.12	-2.576e+04	19.47
201	5	3.212e+04	1084.41	-3.71e-03	-2463.77	0.0	-129.48	1329.49	-3.90	-710.72	1084.41	-9.390e+04
		-9.390e+04	-289.78	-3.16e-04	0.0	352.0	-129.48	-1134.28	-3.90	-710.72	-289.78	-5.955e+04
201	6	3.559e+05	1.412e+04	0.02	0.0	0.0	3647.07	2320.32	61.31	5.106e+04	1.412e+04	-4.609e+05
		-4.609e+05	1.218e+04	0.23	0.0	352.0	3647.07	2320.32	61.31	5.106e+04	1.218e+04	3.559e+05
201	7	5.469e+05	1.998e+04	0.02	0.0	0.0	1521.92	3510.21	75.78	4.697e+04	-6737.52	-6.886e+05
		-6.886e+05	-6737.52	0.01	0.0	352.0	1521.92	3510.21	75.78	4.697e+04	1.998e+04	5.469e+05
201	8	1.202e+06	2.675e+04	-0.04	0.0	0.0	-8299.34	7378.13	-143.91	-1.447e+04	2.675e+04	-1.394e+06
		-1.394e+06	-2.456e+04	0.31	0.0	352.0	-8299.34	7378.13	-143.91	-1.447e+04	-2.456e+04	1.202e+06
201	9	1.595e+06	2.328e+04	-0.05	0.0	0.0	-9680.23	9834.56	-107.77	-1.870e+04	2.328e+04	-1.867e+06
		-1.867e+06	-1.560e+04	-0.25	0.0	352.0	-9680.23	9834.56	-107.77	-1.870e+04	-1.560e+04	1.595e+06
201	10	1.944e+05	7903.91	8.86e-03	0.0	0.0	1949.93	1264.78	35.70	2.723e+04	7903.91	-2.509e+05
		-2.509e+05	6999.73	0.12	0.0	352.0	1949.93	1264.78	35.70	2.723e+04	6999.73	1.944e+05

201	11	2.913e+05	1.067e+04	0.01	0.0	0.0	814.39	1869.83	40.53	2.504e+04	-3626.64	-3.668e+05
		-3.668e+05	-3626.64	6.14e-03	0.0	352.0	814.39	1869.83	40.53	2.504e+04	1.067e+04	2.913e+05
201	12	6.510e+05	1.491e+04	-0.02	0.0	0.0	-4502.01	3995.06	-79.06	-8019.78	1.491e+04	-7.551e+05
		-7.551e+05	-1.333e+04	0.17	0.0	352.0	-4502.01	3995.06	-79.06	-8019.78	-1.333e+04	6.510e+05
201	13	8.475e+05	1.356e+04	-0.02	0.0	0.0	-5159.45	5226.41	-61.98	-9932.13	1.356e+04	-9.920e+05
		-9.920e+05	-8812.38	-0.14	0.0	352.0	-5159.45	5226.41	-61.98	-9932.13	-8812.38	8.475e+05
201	14	1.458e+05	5929.49	6.65e-03	0.0	0.0	1462.62	948.54	26.79	2.042e+04	5929.49	-1.882e+05
		-1.882e+05	5252.33	0.09	0.0	352.0	1462.62	948.54	26.79	2.042e+04	5252.33	1.458e+05
201	15	2.182e+05	7995.90	8.71e-03	0.0	0.0	610.71	1400.55	30.38	1.876e+04	-2722.99	-2.748e+05
		-2.748e+05	-2722.99	4.59e-03	0.0	352.0	610.71	1400.55	30.38	1.876e+04	7995.90	2.182e+05
201	16	4.883e+05	1.127e+04	-0.02	0.0	0.0	-3378.75	2996.96	-59.58	-6020.66	1.127e+04	-5.665e+05
		-5.665e+05	-1.001e+04	0.13	0.0	352.0	-3378.75	2996.96	-59.58	-6020.66	-1.001e+04	4.883e+05
201	17	6.360e+05	1.033e+04	-0.02	0.0	0.0	-3875.16	3922.16	-47.00	-7454.29	1.033e+04	-7.445e+05
		-7.445e+05	-6641.84	-0.11	0.0	352.0	-3875.16	3922.16	-47.00	-7454.29	-6641.84	6.360e+05
202	1	1.475e+04	921.08	-4.87e-03	-1319.88	0.0	1239.42	678.84	-11.03	1268.26	921.08	-4.664e+04
		-4.664e+04	-2960.70	4.35e-03	0.0	352.0	1239.42	-641.04	-11.03	1268.26	-2960.70	-3.999e+04
202	2	8.234e+04	-757.72	-0.01	-7080.54	0.0	4587.86	3754.62	-2.93	1300.84	-757.72	-2.433e+05
		-2.433e+05	-1790.01	4.90e-03	0.0	352.0	4587.86	-3325.91	-2.93	1300.84	-1790.01	-2.150e+05
202	3	2987.89	146.52	-3.07e-04	0.0	0.0	79.98	13.61	-0.80	-841.15	146.52	-1801.02
		-1801.02	-135.55	-5.99e-05	0.0	352.0	79.98	13.61	-0.80	-841.15	-135.55	2987.89
202	4	9373.50	174.59	-1.34e-03	-680.82	0.0	120.82	373.28	-0.52	-1086.69	174.59	-2.410e+04
		-2.410e+04	-9.85	-4.81e-05	0.0	352.0	120.82	-307.54	-0.52	-1086.69	-9.85	-1.706e+04
202	5	3.211e+04	1120.45	-2.20e-03	-2463.78	0.0	-121.51	1135.41	4.05	703.36	-303.29	-5.974e+04
		-9.370e+04	-303.29	-1.93e-04	0.0	352.0	-121.51	-1328.36	4.05	703.36	1120.45	-9.370e+04
202	6	4.121e+05	-1.268e+04	-9.67e-03	0.0	0.0	-3588.48	2071.29	58.50	5.221e+04	-1.268e+04	-3.172e+05
		-3.172e+05	-1.381e+04	0.24	0.0	352.0	-3588.48	2071.29	58.50	5.221e+04	-1.381e+04	4.121e+05
202	7	6.416e+05	4687.26	-0.02	0.0	0.0	-1244.94	3266.39	71.23	4.781e+04	-2.055e+04	-5.081e+05
		-5.081e+05	-2.055e+04	0.02	0.0	352.0	-1244.94	3266.39	71.23	4.781e+04	4687.26	6.416e+05
202	8	1.597e+06	1.644e+04	0.07	0.0	0.0	-9500.24	-9849.85	88.41	1.815e+04	1.644e+04	1.597e+06
		-1.870e+06	1.498e+04	0.28	0.0	352.0	-9500.24	-9849.85	88.41	1.815e+04	1.498e+04	-1.870e+06
202	9	1.262e+06	2.369e+04	0.06	0.0	0.0	-8388.78	-7746.08	132.72	1.382e+04	-2.304e+04	1.262e+06
		-1.465e+06	-2.304e+04	-0.28	0.0	352.0	-8388.78	-7746.08	132.72	1.382e+04	2.369e+04	-1.465e+06
202	10	2.253e+05	-7261.86	-5.28e-03	0.0	0.0	-1922.84	1134.43	34.12	2.784e+04	-7261.86	-1.742e+05
		-1.742e+05	-7683.11	0.12	0.0	352.0	-1922.84	1134.43	34.12	2.784e+04	-7683.11	2.253e+05
202	11	3.418e+05	2565.60	-0.01	0.0	0.0	-665.33	1739.99	38.18	2.549e+04	-1.099e+04	-2.706e+05
		-2.706e+05	-1.099e+04	0.01	0.0	352.0	-665.33	1739.99	38.18	2.549e+04	2565.60	3.418e+05
202	12	8.491e+05	9260.90	0.04	0.0	0.0	-5062.71	-5237.24	50.41	9651.23	9260.90	8.491e+05
		-9.942e+05	8643.97	0.16	0.0	352.0	-5062.71	-5237.24	50.41	9651.23	8643.97	-9.942e+05
202	13	6.799e+05	1.269e+04	0.03	0.0	0.0	-4538.85	-4174.98	71.16	7586.46	-1.237e+04	-7.895e+05
		-7.895e+05	-1.237e+04	-0.15	0.0	352.0	-4538.85	-4174.98	71.16	7586.46	1.269e+04	-7.895e+05
202	14	1.690e+05	-5449.46	-3.96e-03	0.0	0.0	-1442.41	850.96	25.61	2.088e+04	-5449.46	-1.306e+05
		-1.306e+05	-5763.65	0.09	0.0	352.0	-1442.41	850.96	25.61	2.088e+04	-5763.65	1.690e+05
202	15	2.560e+05	1932.79	-7.74e-03	0.0	0.0	-498.67	1303.45	28.64	1.910e+04	-8234.49	-2.027e+05
		-2.027e+05	-8234.49	9.09e-03	0.0	352.0	-498.67	1303.45	28.64	1.910e+04	1932.79	2.560e+05
202	16	6.371e+05	6953.21	0.03	0.0	0.0	-3801.11	-3929.63	37.84	7240.80	6953.21	-7.460e+05
		-7.460e+05	6488.17	0.12	0.0	352.0	-3801.11	-3929.63	37.84	7240.80	6488.17	-7.460e+05
202	17	5.102e+05	9526.03	0.02	0.0	0.0	-3409.04	-3133.08	53.41	5697.39	-9284.56	-5.925e+05
		-5.925e+05	-9284.56	-0.12	0.0	352.0	-3409.04	-3133.08	53.41	5697.39	9526.03	-5.925e+05
203	1	1.413e+04	339.89	3.56e-03	-1319.88	0.0	-3.99	660.54	1.75	-1233.63	-274.59	-4.404e+04
		-4.404e+04	-274.59	3.62e-03	0.0	352.0	-3.99	-659.34	1.75	-1233.63	339.89	-4.383e+04
203	2	7.677e+04	1905.77	-4.84e-03	-7080.54	0.0	422.70	3408.88	7.70	-8640.41	-803.09	-2.352e+05
		-2.352e+05	-803.09	2.65e-03	0.0	352.0	422.70	-3671.66	7.70	-8640.41	1905.77	-2.343e+05
203	3	2230.77	57.56	-2.05e-04	0.0	0.0	-30.41	-8.59	-0.08	847.58	57.56	2230.77
		-791.12	28.88	-1.85e-04	0.0	352.0	-30.41	-8.59	-0.08	847.58	28.88	-791.12
203	4	9196.23	15.49	-9.67e-04	-680.82	0.0	-83.80	317.37	0.05	35.04	-1.21	-1.897e+04
		-2.255e+04	-1.21	-2.09e-04	0.0	352.0	-83.80	-363.45	0.05	35.04	15.49	-2.255e+04
203	5	3.113e+04	-162.71	-2.25e-03	-2463.77	0.0	3.45	1273.10	0.58	-3494.06	-366.48	-8.452e+04
		-8.452e+04	-366.48	1.26e-04	0.0	352.0	3.45	-1190.67	0.58	-3494.06	-162.71	-7.001e+04
203	6	8.207e+05	-1.300e+04	0.02	0.0	0.0	-1415.29	4858.65	-80.87	1.615e+04	-1.300e+04	-8.898e+05
		-8.898e+05	-1.580e+04	0.24	0.0	352.0	-1415.29	4858.65	-80.87	1.615e+04	-1.580e+04	8.207e+05
203	7	5.822e+05	2600.92	-0.02	0.0	0.0	-2341.04	3612.31	31.38	3571.90	-8478.41	-6.893e+05
		-6.893e+05	-8478.41	0.06	0.0	352.0	-2341.04	3612.31	31.38	3571.90	2600.92	5.822e+05
203	8	1.412e+06	2.371e+04	-0.06	0.0	0.0	1300.76	7754.03	-131.76	1.485e+04	2.371e+04	-1.317e+06
		-1.317e+06	-2.270e+04	0.29	0.0	352.0	1300.76	7754.03	-131.76	1.485e+04	-2.270e+04	1.412e+06
203	9	1.090e+06	-1.364e+04	-0.04	0.0	0.0	874.00	6074.33	83.00	-1.326e+04	-1.564e+04	-1.048e+06
		-1.048e+06	-1.564e+04	-0.27	0.0	352.0	874.00	6074.33	83.00	-1.326e+04	-1.364e+04	1.090e+06
203	10	4.378e+05	-7350.51	0.01	0.0	0.0	-777.42	2591.04	-45.07	8767.29	-7350.51	-4.744e+05
		-4.744e+05	-8696.51	0.13	0.0	352.0	-777.42	2591.04	-45.07	8767.29	-8696.51	4.378e+05
203	11	3.100e+05	1389.64	-9.56e-03	0.0	0.0	-1249.31	1923.67	16.69	1907.63	-4508.01	-3.671e+05
		-3.671e+05	-4508.01	0.03	0.0	352.0	-1249.31	1923.67	16.69	1907.63	1389.64	3.100e+05
203	12	7.501e+05	1.292e+04	-0.03	0.0	0.0	698.85	4120.62	-71.67	8213.87	1.292e+04	-7.002e+05
		-7.002e+05	-1.233e+04	0.16	0.0	352.0	698.85	4120.62	-71.67	8213.87	-1.233e+04	7.501e+05
203	13	5.886e+05	-7717.87	-0.02	0.0	0.0	513.21	3276.82	46.71	-7278.23	-7717.87	5.886e+05
		-5.648e+05	-8758.15	-0.15	0.0	352.0	513.21	3276.82	46.71	-7278.23	-7717.87	5.886e+05
203	14	3.283e+05	-5514.65	8.02e-03	0.0	0.0	-583.84	1942.97	-33.81	6577.26	-5514.65	-3.557e+05
		-3.557e+05	-6523.94	0.09	0.0	352.0	-583.84	1942.97	-33.81	6577.26	-6523.94	3.283e+05

203	15	2.322e+05	1042.09	-7.16e-03	0.0	0.0	-936.18	1440.73	12.50	1429.49	-3375.83	-2.749e+05
		-2.749e+05	-3375.83	0.02	0.0	352.0	-936.18	1440.73	12.50	1429.49	1042.09	2.322e+05
203	16	5.628e+05	9694.39	-0.02	0.0	0.0	524.96	3091.42	-53.77	6165.50	9694.39	-5.253e+05
		-5.253e+05	-9247.03	0.12	0.0	352.0	524.96	3091.42	-53.77	6165.50	-9247.03	5.628e+05
203	17	4.416e+05	-5792.14	-0.02	0.0	0.0	386.18	2458.82	35.06	-5463.36	-6574.69	-4.238e+05
		-4.238e+05	-6574.69	-0.11	0.0	352.0	386.18	2458.82	35.06	-5463.36	-5792.14	4.416e+05
204	1	3.123e+04	763.84	-4.98e-03	-1319.88	0.0	20.39	553.35	7.14	3841.60	-1750.75	-9518.80
		-4.703e+04	-1750.75	-4.01e-03	0.0	352.0	20.39	-766.52	7.14	3841.60	763.84	-4.703e+04
204	2	2.000e+05	1763.28	-0.03	-8689.72	0.0	578.31	4005.94	18.91	1.607e+04	-4892.35	-1.049e+05
		-2.714e+05	-4892.35	-5.04e-03	0.0	352.0	578.31	-4683.78	18.91	1.607e+04	1763.28	-2.714e+05
204	3	908.62	93.84	-6.15e-04	0.0	0.0	53.98	5.75	0.57	1057.39	-108.11	-1114.90
		-1114.90	-108.11	-2.82e-04	0.0	352.0	53.98	5.75	0.57	1057.39	93.84	908.62
204	4	1.605e+04	364.55	-2.50e-03	-835.55	0.0	37.74	411.78	2.37	2750.84	-468.91	-5.08e-04
		-2.403e+04	-468.91	-5.08e-04	0.0	352.0	37.74	-423.77	2.37	2750.84	364.55	-2.403e+04
204	5	4.533e+04	264.31	-6.30e-03	-2463.77	0.0	33.05	1157.92	-0.24	-347.56	264.31	-5.004e+04
		-7.608e+04	180.40	-2.48e-04	0.0	352.0	33.05	-1305.85	-0.24	-347.56	180.40	-7.608e+04
204	6	6.751e+05	2.121e+04	0.03	0.0	0.0	3803.04	4174.67	-105.40	5.748e+04	2.121e+04	-7.943e+05
		-7.943e+05	-1.623e+04	0.21	0.0	352.0	3803.04	4174.67	-105.40	5.748e+04	-1.623e+04	6.751e+05
204	7	4.016e+05	1.581e+04	0.04	0.0	0.0	3876.89	2532.61	-57.28	6.799e+04	1.581e+04	-4.898e+05
		-4.898e+05	-4367.70	3.56e-03	0.0	352.0	3876.89	2532.61	-57.28	6.799e+04	-4367.70	4.016e+05
204	8	1.280e+06	8406.62	-0.05	0.0	0.0	-2988.05	-6768.15	-59.71	1.610e+04	8406.62	1.280e+06
		-1.102e+06	-1.292e+04	0.31	0.0	352.0	-2988.05	-6768.15	-59.71	1.610e+04	-1.292e+04	-1.102e+06
204	9	1.778e+06	1.424e+04	-0.06	0.0	0.0	-3666.14	-9436.88	54.86	3.356e+04	5416.30	1.778e+06
		-1.544e+06	5416.30	-0.26	0.0	352.0	-3666.14	-9436.88	54.86	3.356e+04	1.424e+04	-1.544e+06
204	10	3.610e+05	1.130e+04	0.02	0.0	0.0	2030.48	2232.03	-56.38	3.077e+04	1.130e+04	-4.246e+05
		-4.246e+05	-8757.10	0.11	0.0	352.0	2030.48	2232.03	-56.38	3.077e+04	-8757.10	3.610e+05
204	11	2.138e+05	8420.57	0.02	0.0	0.0	2067.92	1348.67	-30.53	3.622e+04	8420.57	-2.608e+05
		-2.608e+05	-2335.42	1.91e-03	0.0	352.0	2067.92	1348.67	-30.53	3.622e+04	-2335.42	2.138e+05
204	12	6.964e+05	4586.55	-0.03	0.0	0.0	-1599.20	-3683.02	-33.22	9211.58	4586.55	6.964e+05
		-5.999e+05	-7287.49	0.17	0.0	352.0	-1599.20	-3683.02	-33.22	9211.58	-7287.49	-5.999e+05
204	13	9.442e+05	7861.57	-0.03	0.0	0.0	-1950.07	-5010.97	30.48	1.783e+04	3071.69	9.442e+05
		-8.195e+05	3071.69	-0.15	0.0	352.0	-1950.07	-5010.97	30.48	1.783e+04	7861.57	-8.195e+05
204	14	2.707e+05	8472.93	0.01	0.0	0.0	1523.28	1673.87	-42.27	2.307e+04	8472.93	-3.185e+05
		-3.185e+05	-6566.83	0.08	0.0	352.0	1523.28	1673.87	-42.27	2.307e+04	-6566.83	2.707e+05
204	15	1.602e+05	6306.66	0.02	0.0	0.0	1549.42	1010.16	-22.86	2.713e+04	6306.66	-1.954e+05
		-1.954e+05	-1750.32	1.43e-03	0.0	352.0	1549.42	1010.16	-22.86	2.713e+04	-1750.32	1.602e+05
204	16	5.224e+05	3441.55	-0.02	0.0	0.0	-1199.70	-2763.00	-24.96	6910.94	3441.55	5.224e+05
		-4.501e+05	-5484.36	0.13	0.0	352.0	-1199.70	-2763.00	-24.96	6910.94	-5484.36	-4.501e+05
204	17	7.085e+05	5923.16	-0.03	0.0	0.0	-1463.25	-3760.28	22.94	1.339e+04	5923.16	-6.150e+05
		-6.150e+05	2307.78	-0.11	0.0	352.0	-1463.25	-3760.28	22.94	1.339e+04	2307.78	-6.150e+05
205	1	3.092e+04	1058.30	3.44e-03	-1319.88	0.0	1238.67	768.39	-4.95	-1770.16	1058.30	-4.771e+04
		-4.771e+04	-683.93	-4.41e-03	0.0	352.0	1238.67	-551.49	-4.95	-1770.16	-683.93	-9541.50
205	2	1.743e+05	2202.79	0.02	-8689.72	0.0	4594.83	4413.68	-11.08	-4514.16	2270.79	-2.438e+05
		-2.438e+05	-1627.91	-6.49e-03	0.0	352.0	4594.83	-4276.04	-11.08	-4514.16	-1627.91	-1.724e+05
205	3	2202.46	128.21	6.86e-04	0.0	0.0	90.66	-11.76	-0.97	-1066.57	128.21	2202.46
		-1935.46	-213.22	-1.78e-04	0.0	352.0	90.66	-11.76	-0.97	-1066.57	-213.22	-1935.46
205	4	1.524e+04	113.79	1.70e-03	-835.55	0.0	182.21	403.46	-1.15	-1564.34	113.79	-2.177e+04
		-2.177e+04	-290.23	-3.60e-04	0.0	352.0	182.21	-432.09	-1.15	-1564.34	-290.23	-2.177e+04
205	5	4.348e+04	546.72	-3.47e-03	-2463.77	0.0	-0.52	1274.99	2.96	935.88	-494.85	-7.250e+04
		-7.250e+04	-494.85	-2.49e-04	0.0	352.0	-0.52	-1188.78	2.96	935.88	546.72	-5.733e+04
205	6	3.072e+05	-7021.40	0.03	0.0	0.0	1688.36	1604.48	37.74	6.077e+04	-1.408e+04	-2.576e+05
		-2.576e+05	-1.408e+04	0.20	0.0	352.0	1688.36	1604.48	37.74	6.077e+04	-7021.40	-2.576e+05
205	7	4.653e+05	-1211.67	0.04	0.0	0.0	-884.14	2452.34	55.19	6.280e+04	-2.059e+04	-3.979e+05
		-3.979e+05	-2.059e+04	5.33e-03	0.0	352.0	-884.14	2452.34	55.19	6.280e+04	-1211.67	4.653e+05
205	8	1.047e+06	2.046e+04	0.04	0.0	0.0	-0.1160e+04	5704.12	-87.14	-2.733e+04	2.046e+04	-9.611e+05
		-9.611e+05	-1.027e+04	0.33	0.0	352.0	-0.1160e+04	5704.12	-87.14	-2.733e+04	-1.027e+04	-9.611e+05
205	9	1.391e+06	9365.84	0.07	0.0	0.0	-1.399e+04	7528.85	-40.80	-1.894e+04	9365.84	-1.259e+06
		-1.259e+06	-5028.18	-0.25	0.0	352.0	-1.399e+04	7528.85	-40.80	-1.894e+04	-5028.18	1.391e+06
205	10	1.677e+05	-3840.06	0.01	0.0	0.0	935.31	876.75	21.74	3.242e+04	-7765.10	-1.409e+05
		-1.409e+05	-7765.10	0.10	0.0	352.0	935.31	876.75	21.74	3.242e+04	-3840.06	1.677e+05
205	11	2.480e+05	-648.23	0.02	0.0	0.0	-471.49	1306.86	29.45	3.346e+04	-1.098e+04	-2.120e+05
		-2.120e+05	-1.098e+04	2.86e-03	0.0	352.0	-471.49	1306.86	29.45	3.346e+04	-648.23	2.480e+05
205	12	5.663e+05	1.096e+04	0.02	0.0	0.0	-6273.91	3085.60	-46.77	-1.454e+04	1.096e+04	-5.197e+05
		-5.197e+05	-5531.28	0.18	0.0	352.0	-6273.91	3085.60	-46.77	-1.454e+04	-5531.28	5.663e+05
205	13	7.392e+05	5363.04	0.04	0.0	0.0	-7444.20	4001.34	-23.38	-1.017e+04	5363.04	-6.691e+05
		-6.691e+05	-2886.13	-0.14	0.0	352.0	-7444.20	4001.34	-23.38	-1.017e+04	-2886.13	7.392e+05
205	14	1.258e+05	-2879.77	0.01	0.0	0.0	701.77	657.60	16.31	2.431e+04	-5823.48	-1.057e+05
		-1.057e+05	-5823.48	0.08	0.0	352.0	701.77	657.60	16.31	2.431e+04	-2879.77	1.258e+05
205	15	1.857e+05	-485.77	0.02	0.0	0.0	-353.33	978.95	22.07	2.506e+04	-8226.35	-1.588e+05
		-1.588e+05	-8226.35	2.14e-03	0.0	352.0	-353.33	978.95	22.07	2.506e+04	-485.77	1.857e+05
205	16	4.248e+05	8224.98	0.02	0.0	0.0	-4707.31	2314.67	-35.09	-1.091e+04	8224.98	-3.899e+05
		-3.899e+05	-4149.44	0.13	0.0	352.0	-4707.31	2314.67	-35.09	-1.091e+04	-4149.44	4.248e+05
205	17	5.547e+05	4036.93	0.03	0.0	0.0	-5587.77	3002.75	-17.59	-7631.82	4036.93	-5.021e+05
		-5.021e+05	-2168.61	-0.10	0.0	352.0	-5587.77	3002.75	-17.59	-7631.82	-2168.61	5.547e+05
206	1	3.093e+04	989.82	-5.31e-03	-1319.88	0.0	1282.90	554.33	4.56	1572.70	-615.50	-9974.02
		-4.714e+04	-615.50	4.17e-03	0.0	352.0	1282.90	-765.54	4.56	1572.70	989.82	-4.714e+04

206	2	1.747e+05	2061.92	-0.03	-8688.03	0.0	4676.84	4284.42	9.68	3334.62	-1343.48	-1.735e+05
		-2.417e+05	-1343.48	5.19e-03	0.0	352.0	4676.84	-4403.60	9.68	3334.62	2061.92	-2.417e+05
206	3	2400.08	78.19	-7.52e-04	0.0	0.0	91.33	12.04	0.70	709.57	-167.72	-1836.87
		-1836.87	-167.72	-1.52e-04	0.0	352.0	91.33	12.04	0.70	709.57	78.19	2400.08
206	4	1.546e+04	40.41	-2.70e-03	-835.39	0.0	185.26	432.85	0.74	1034.32	-219.14	-2.169e+04
		-2.169e+04	-219.14	-1.46e-04	0.0	352.0	185.26	-402.54	0.74	1034.32	40.41	-2.090e+04
206	5	4.349e+04	547.13	-6.07e-03	-2463.77	0.0	7.30	1189.57	-2.97	-945.98	547.13	-5.746e+04
		-7.235e+04	-499.31	-4.06e-05	0.0	352.0	7.30	-1274.20	-2.97	-945.98	-499.31	-7.235e+04
206	6	2.230e+05	1.733e+04	0.03	0.0	0.0	-2207.08	1401.87	56.27	7.592e+04	-5055.54	-2.705e+05
		-2.705e+05	-5055.54	0.22	0.0	352.0	-2207.08	1401.87	56.27	7.592e+04	1.733e+04	2.230e+05
206	7	3.611e+05	2.482e+04	0.04	0.0	0.0	570.18	2242.91	86.19	8.322e+04	-5514.28	-4.283e+05
		-4.283e+05	-5514.28	0.01	0.0	352.0	570.18	2242.91	86.19	8.322e+04	2.482e+04	3.611e+05
206	8	1.394e+06	1.253e+04	-0.07	0.0	0.0	-1.386e+04	-7536.09	56.31	1.782e+04	-7359.94	1.394e+06
		-1.259e+06	-7359.94	0.29	0.0	352.0	-1.386e+04	-7536.09	56.31	1.782e+04	1.253e+04	-1.259e+06
206	9	1.101e+06	1.925e+04	-0.05	0.0	0.0	-1.203e+04	-5997.39	87.31	3.360e+04	-1.150e+04	1.101e+06
		-1.010e+06	-1.150e+04	-0.29	0.0	352.0	-1.203e+04	-5997.39	87.31	3.360e+04	1.925e+04	-1.010e+06
206	10	1.228e+05	9508.71	0.02	0.0	0.0	-1205.99	770.63	31.56	4.055e+04	-2946.78	-1.485e+05
		-1.485e+05	-2946.78	0.11	0.0	352.0	-1205.99	770.63	31.56	4.055e+04	9508.71	1.228e+05
206	11	1.924e+05	1.324e+04	0.02	0.0	0.0	304.75	1195.23	45.97	4.433e+04	-2938.86	-2.283e+05
		-2.283e+05	-2938.86	7.30e-03	0.0	352.0	304.75	1195.23	45.97	4.433e+04	1.324e+04	1.924e+05
206	12	7.411e+05	7062.93	-0.04	0.0	0.0	-7378.54	-4007.40	31.90	9871.47	-4205.97	7.411e+05
		-6.694e+05	-4205.97	0.16	0.0	352.0	-7378.54	-4007.40	31.90	9871.47	7062.93	-6.694e+05
206	13	5.932e+05	1.031e+04	-0.03	0.0	0.0	-6482.04	-3229.74	46.78	1.783e+04	-6166.20	5.932e+05
		-5.436e+05	-6166.20	-0.16	0.0	352.0	-6482.04	-3229.74	46.78	1.783e+04	1.031e+04	-5.436e+05
206	14	9.210e+04	7132.06	0.01	0.0	0.0	-904.87	578.14	23.68	3.040e+04	-2211.22	-1.114e+05
		-1.114e+05	-2211.22	0.08	0.0	352.0	-904.87	578.14	23.68	3.040e+04	7132.06	9.210e+04
206	15	1.442e+05	9922.40	0.02	0.0	0.0	228.82	895.44	34.44	3.321e+04	-2201.70	-1.710e+05
		-1.710e+05	-2201.70	5.47e-03	0.0	352.0	228.82	895.44	34.44	3.321e+04	9922.40	1.442e+05
206	16	5.560e+05	5303.03	-0.03	0.0	0.0	-5537.08	-3006.80	23.95	7403.30	-3156.81	5.560e+05
		-5.023e+05	-3156.81	0.12	0.0	352.0	-5537.08	-3006.80	23.95	7403.30	5303.03	-5.023e+05
206	17	4.451e+05	7733.66	-0.02	0.0	0.0	-4865.74	-2423.64	35.10	1.338e+04	-4626.34	4.451e+05
		-4.079e+05	-4626.34	-0.12	0.0	352.0	-4865.74	-2423.64	35.10	1.338e+04	7733.66	-4.079e+05
207	1	3.121e+04	764.38	2.71e-03	-1319.88	0.0	24.15	765.55	-7.10	-3794.21	764.38	-4.686e+04
		-4.686e+04	-1735.49	3.77e-03	0.0	352.0	24.15	-554.33	-7.10	-3794.21	-1735.49	-9687.91
207	2	1.995e+05	1701.07	-0.02	-8688.67	0.0	481.32	4654.77	-18.47	-1.628e+04	1701.07	-2.663e+05
		-2.663e+05	-4799.97	3.72e-03	0.0	352.0	481.32	-4033.90	-18.47	-1.628e+04	-4799.97	-1.098e+05
207	3	2869.63	73.14	5.73e-04	0.0	0.0	7.22	-16.83	-0.40	-1245.82	73.14	2869.63
		-3053.56	-68.41	-6.73e-05	0.0	352.0	7.22	-16.83	-0.40	-1245.82	-68.41	-3053.56
207	4	1.608e+04	335.59	1.25e-03	-835.45	0.0	-31.64	407.29	-2.12	-3021.04	335.59	-2.111e+04
		-2.111e+04	-411.12	-2.78e-05	0.0	352.0	-31.64	-428.16	-2.12	-3021.04	-411.12	-2.024e+04
207	5	4.534e+04	271.81	-3.86e-03	-2463.77	0.0	37.46	1304.99	0.26	356.23	271.81	-7.592e+04
		-7.592e+04	179.92	-1.17e-04	0.0	352.0	37.46	-1158.78	0.26	356.23	179.92	-7.592e+04
207	6	8.837e+05	1.708e+04	0.04	0.0	0.0	-4154.77	4645.81	-112.06	5.499e+04	1.708e+04	-7.515e+05
		-7.515e+05	-2.266e+04	0.22	0.0	352.0	-4154.77	4645.81	-112.06	5.499e+04	-2.266e+04	-7.515e+05
207	7	5.630e+05	6166.43	0.04	0.0	0.0	-4344.18	2916.54	-67.37	6.530e+04	6166.43	-4.636e+05
		-4.636e+05	-1.755e+04	0.01	0.0	352.0	-4344.18	2916.54	-67.37	6.530e+04	-1.755e+04	-4.636e+05
207	8	1.763e+06	1.312e+04	0.05	0.0	0.0	-3359.80	9363.22	-52.88	-3.560e+04	1.312e+04	-1.763e+06
		-1.533e+06	-5878.53	0.30	0.0	352.0	-3359.80	9363.22	-52.88	-3.560e+04	-5878.53	-1.533e+06
207	9	1.331e+06	7402.88	0.05	0.0	0.0	-3069.75	7037.32	50.80	-1.697e+04	1.061e+04	-1.146e+06
		-1.146e+06	-1.061e+04	-0.28	0.0	352.0	-3069.75	7037.32	50.80	-1.697e+04	7402.88	-1.146e+06
207	10	4.722e+05	9192.54	0.02	0.0	0.0	-2219.43	2482.75	-59.88	2.944e+04	9192.54	-4.016e+05
		-4.016e+05	-1.207e+04	0.11	0.0	352.0	-2219.43	2482.75	-59.88	2.944e+04	-1.207e+04	-4.016e+05
207	11	2.999e+05	3288.76	0.02	0.0	0.0	-2317.20	1553.40	-35.89	3.480e+04	3288.76	-2.469e+05
		-2.469e+05	-9347.59	7.91e-03	0.0	352.0	-2317.20	1553.40	-35.89	3.480e+04	-9347.59	-2.469e+05
207	12	9.367e+05	7223.32	0.03	0.0	0.0	-1791.46	4974.86	-29.44	-1.894e+04	7223.32	-8.143e+05
		-8.143e+05	-3345.21	0.17	0.0	352.0	-1791.46	4974.86	-29.44	-1.894e+04	-3345.21	-8.143e+05
207	13	7.193e+05	3999.46	0.03	0.0	0.0	-1635.94	3805.11	27.79	-9509.73	3999.46	-5858.68
		-6.200e+05	-5858.68	-0.15	0.0	352.0	-1635.94	3805.11	27.79	-9509.73	-5858.68	-6.200e+05
207	14	3.542e+05	6894.14	0.01	0.0	0.0	-1665.01	1861.90	-44.90	2.207e+04	6894.14	-3.012e+05
		-3.012e+05	-9049.59	0.08	0.0	352.0	-1665.01	1861.90	-44.90	2.207e+04	-9049.59	-3.012e+05
207	15	2.246e+05	2463.72	0.02	0.0	0.0	-1736.17	1163.42	-26.88	2.607e+04	2463.72	-1.849e+05
		-1.849e+05	-7001.00	5.92e-03	0.0	352.0	-1736.17	1163.42	-26.88	2.607e+04	-7001.00	-1.849e+05
207	16	7.028e+05	5420.57	0.02	0.0	0.0	-1343.86	3732.50	-22.09	-1.422e+04	5420.57	-6.109e+05
		-6.109e+05	-2509.84	0.12	0.0	352.0	-1343.86	3732.50	-22.09	-1.422e+04	-2509.84	-6.109e+05
207	17	5.398e+05	3000.48	0.02	0.0	0.0	-1227.39	2855.35	20.85	-7140.33	3000.48	-4.652e+05
		-4.652e+05	-4396.26	-0.11	0.0	352.0	-1227.39	2855.35	20.85	-7140.33	-4396.26	-4.652e+05
208	1	3.169e+04	625.23	-3.81e-03	-1405.86	0.0	-301.51	654.72	5.11	-1019.43	625.23	-4.333e+04
		-4.333e+04	-1289.18	-3.85e-03	0.0	374.9	-301.51	-751.14	5.11	-1019.43	-1289.18	-4.333e+04
208	2	1.467e+05	1706.83	-0.02	-5269.25	0.0	-177.56	3061.36	17.81	-1.484e+04	1706.83	-1.245e+05
		-1.245e+05	-4969.77	-5.85e-03	0.0	374.9	-177.56	-2207.90	17.81	-1.484e+04	-4969.77	-1.245e+05
208	3	-953.62	24.49	-6.25e-04	0.0	0.0	-23.63	4.00	-0.09	-845.25	24.49	-2453.13
		-2453.13	-8.50	-1.92e-04	0.0	374.9	-23.63	4.00	-0.09	-845.25	-8.50	-953.62
208	4	8909.16	63.06	-1.28e-03	-400.13	0.0	-28.94	228.86	0.78	-1828.21	63.06	-1.088e+04
		-1.088e+04	-230.75	-4.41e-04	0.0	374.9	-28.94	-171.27	0.78	-1828.21	-230.75	-1.088e+04
208	5	-3032.67	421.27	1.76e-03	0.0	0.0	-63.41	-1.18	-1.31	-3689.94	421.27	-3032.67
		-3476.41	-71.70	-1.82e-04	0.0	374.9	-63.41	-1.18	-1.31	-3689.94	-71.70	-3476.41

208	6	1.176e+06	1.728e+04	0.04	0.0	0.0	-3601.73	6472.15	-85.04	-2.459e+04	1.728e+04	-1.251e+06
		-1.251e+06	-1.496e+04	0.30	0.0	374.9	-3601.73	6472.15	-85.04	-2.459e+04	-1.496e+04	1.176e+06
208	7	1.741e+06	1.163e+04	0.05	0.0	0.0	-3215.47	9465.14	-36.10	-6364.06	1.163e+04	-1.807e+06
		-1.807e+06	-1927.82	-4.54e-03	0.0	374.9	-3215.47	9465.14	-36.10	-6364.06	-1927.82	1.741e+06
208	8	6.401e+05	1.316e+04	-0.03	0.0	0.0	1367.13	3368.47	-83.83	1.271e+05	1.316e+04	-6.318e+05
		-6.318e+05	-1.839e+04	0.17	0.0	374.9	1367.13	3368.47	-83.83	1.271e+05	-1.839e+04	6.401e+05
208	9	1.247e+06	1.136e+04	-0.05	0.0	0.0	-488.38	6183.93	-45.17	1.590e+05	6019.86	-1.072e+06
		-1.072e+06	6019.86	-0.22	0.0	374.9	-488.38	6183.93	-45.17	1.590e+05	1.136e+04	1.247e+06
208	10	6.385e+05	9235.43	0.02	0.0	0.0	-1931.25	3509.79	-45.79	-1.335e+04	9235.43	-6.776e+05
		-6.776e+05	-8148.38	0.16	0.0	374.9	-1931.25	3509.79	-45.79	-1.335e+04	-8148.38	6.385e+05
208	11	9.269e+05	6193.15	0.03	0.0	0.0	-1715.16	5039.47	-19.23	-3412.06	6193.15	-9.623e+05
		-9.623e+05	-1032.42	-2.52e-03	0.0	374.9	-1715.16	5039.47	-19.23	-3412.06	-1032.42	9.269e+05
208	12	3.753e+05	7055.01	-0.02	0.0	0.0	729.36	1963.45	-45.21	6.858e+04	7055.01	-3.653e+05
		-3.653e+05	-9970.13	0.08	0.0	374.9	729.36	1963.45	-45.21	6.858e+04	-9970.13	3.753e+05
208	13	6.654e+05	6402.30	-0.03	0.0	0.0	-275.49	3302.69	-25.81	8.464e+04	3511.50	-5.735e+05
		-5.735e+05	3511.50	-0.12	0.0	374.9	-275.49	3302.69	-25.81	8.464e+04	6402.30	6.654e+05
208	14	4.788e+05	6924.50	0.02	0.0	0.0	-1448.77	2631.83	-34.34	-1.002e+04	6924.50	-5.081e+05
		-5.081e+05	-6110.87	0.12	0.0	374.9	-1448.77	2631.83	-34.34	-1.002e+04	-6110.87	4.788e+05
208	15	6.943e+05	4638.20	0.02	0.0	0.0	-1285.11	3774.44	-14.40	-2561.77	4638.20	-7.208e+05
		-7.208e+05	-773.56	-1.89e-03	0.0	374.9	-1285.11	3774.44	-14.40	-2561.77	-773.56	6.943e+05
208	16	2.817e+05	5292.61	-0.01	0.0	0.0	547.50	1473.98	-33.92	5.145e+04	5292.61	-2.743e+05
		-2.743e+05	-7480.12	0.06	0.0	374.9	547.50	1473.98	-33.92	5.145e+04	-7480.12	2.817e+05
208	17	4.994e+05	4804.58	-0.02	0.0	0.0	-208.46	2478.64	-19.38	6.354e+04	2639.36	-4.304e+05
		-4.304e+05	2639.36	-0.09	0.0	374.9	-208.46	2478.64	-19.38	6.354e+04	4804.58	4.994e+05
209	1	3.286e+04	-131.58	-5.93e-03	-1404.78	0.0	8.26	815.56	0.92	1165.90	-477.98	-5.574e+04
		-5.574e+04	-477.98	-4.40e-03	0.0	374.6	8.26	-589.21	0.92	1165.90	-131.58	1.334e+04
209	2	3.270e+04	1070.96	-0.01	-1106.67	0.0	-460.72	465.61	6.88	1.379e+04	-1504.98	-4.257e+04
		-4.257e+04	-1504.98	-8.02e-03	0.0	374.6	-460.72	-641.06	6.88	1.379e+04	1070.96	-6343.55
209	3	1337.91	-19.29	7.03e-04	0.0	0.0	-61.44	-16.32	0.04	951.76	-34.95	1337.91
		-4774.54	-34.95	-3.34e-04	0.0	374.6	-61.44	-16.32	0.04	951.76	-19.29	-4774.54
209	4	1858.18	-35.05	5.49e-04	0.0	0.0	-92.41	-22.64	0.03	2023.03	-46.83	1858.18
		-6621.47	-46.83	-6.07e-04	0.0	374.6	-92.41	-22.64	0.03	2023.03	-35.05	-6621.47
209	5	-2412.97	141.33	-1.59e-03	0.0	0.0	22.21	2.38	0.41	3187.38	-11.72	-3303.29
		-3303.29	-11.72	-7.08e-05	0.0	374.6	22.21	2.38	0.41	3187.38	141.33	-2412.97
209	6	1.304e+06	1.549e+04	0.03	0.0	0.0	4260.95	6892.66	-89.36	-2.738e+04	1.549e+04	-1.278e+06
		-1.278e+06	-1.836e+04	0.27	0.0	374.6	4260.95	6892.66	-89.36	-2.738e+04	-1.836e+04	1.304e+06
209	7	1.714e+06	3400.03	0.04	0.0	0.0	4330.38	9016.77	-44.74	-3.805e+04	3400.03	-1.664e+06
		-1.664e+06	-1.337e+04	3.61e-03	0.0	374.6	4330.38	9016.77	-44.74	-3.805e+04	-1.337e+04	1.714e+06
209	8	1.134e+06	1.835e+04	0.04	0.0	0.0	-1343.34	-5744.49	-75.93	-1.304e+05	1.835e+04	-1.019e+06
		-1.019e+06	-1.012e+04	0.24	0.0	374.6	-1343.34	-5744.49	-75.93	-1.304e+05	-1.012e+04	1.134e+06
209	9	5.182e+05	9990.65	0.04	0.0	0.0	1530.63	-2443.01	-40.23	-1.977e+05	9990.65	-5.182e+05
		-5.182e+05	-5256.78	-0.19	0.0	374.6	1530.63	-2443.01	-40.23	-1.977e+05	-5256.78	5.182e+05
209	10	7.006e+05	8396.43	0.02	0.0	0.0	2287.35	3701.48	-47.94	-1.603e+04	8396.43	-6.860e+05
		-6.860e+05	-9791.74	0.15	0.0	374.6	2287.35	3701.48	-47.94	-1.603e+04	-9791.74	7.006e+05
209	11	9.123e+05	1816.70	0.02	0.0	0.0	2308.45	4800.31	-23.86	-2.031e+04	1816.70	-8.860e+05
		-8.860e+05	-7127.06	1.86e-03	0.0	374.6	2308.45	4800.31	-23.86	-2.031e+04	-7127.06	9.123e+05
209	12	6.031e+05	9905.31	0.02	0.0	0.0	-741.09	-3057.19	-40.94	-7.141e+04	9905.31	-6.031e+05
		-6.031e+05	-5450.01	0.12	0.0	374.6	-741.09	-3057.19	-40.94	-7.141e+04	-5450.01	6.031e+05
209	13	2.940e+05	5728.58	0.02	0.0	0.0	827.81	-1404.81	-23.24	-1.051e+05	5728.58	-2.940e+05
		-2.940e+05	-3070.19	-0.10	0.0	374.6	827.81	-1404.81	-23.24	-1.051e+05	-3070.19	2.940e+05
209	14	5.253e+05	6296.89	0.01	0.0	0.0	1715.61	2775.36	-35.95	-1.204e+04	6296.89	-5.144e+05
		-5.144e+05	-7341.52	0.11	0.0	374.6	1715.61	2775.36	-35.95	-1.204e+04	-7341.52	5.144e+05
209	15	6.833e+05	1361.17	0.02	0.0	0.0	1729.40	3595.25	-17.87	-1.522e+04	1361.17	-6.635e+05
		-6.635e+05	-5339.03	1.39e-03	0.0	374.6	1729.40	3595.25	-17.87	-1.522e+04	-5339.03	6.833e+05
209	16	4.526e+05	7431.88	0.01	0.0	0.0	-556.80	-2294.09	-30.72	-5.357e+04	7431.88	-4.526e+05
		-4.526e+05	-4088.54	0.09	0.0	374.6	-556.80	-2294.09	-30.72	-5.357e+04	-4088.54	4.526e+05
209	17	2.207e+05	4299.69	0.02	0.0	0.0	623.96	-1054.63	-17.45	-7.886e+04	4299.69	-2.207e+05
		-2.207e+05	-2306.33	-0.07	0.0	374.6	623.96	-1054.63	-17.45	-7.886e+04	-2306.33	2.207e+05
210	1	3.105e+04	-8.25	3.12e-03	-1406.71	0.0	1.35	572.01	-1.58	-1798.98	-8.25	-1.232e+04
		-1.232e+04	-8.25	3.12e-03	0.0	375.1	1.35	-834.71	-1.58	-1798.98	-600.53	-6.160e+04
210	2	3.186e+04	1441.88	0.01	-1108.62	0.0	-446.84	559.63	-8.50	-1.522e+04	1441.88	-2634.57
		-2634.57	-1441.88	0.01	0.0	375.1	-446.84	559.63	-8.50	-1.522e+04	-1441.88	2634.57
210	3	-1559.87	17.62	-6.00e-04	0.0	0.0	-47.84	-2.15	-0.17	-1051.40	17.62	-1559.87
		-1559.87	17.62	-6.00e-04	0.0	0.0	-47.84	-2.15	-0.17	-1051.40	17.62	-1559.87
210	4	-1843.67	28.48	4.26e-04	0.0	0.0	-73.08	-5.61	-0.26	-2215.24	28.48	-1843.67
		-1843.67	28.48	4.26e-04	0.0	0.0	-73.08	-5.61	-0.26	-2215.24	28.48	-1843.67
210	5	-2299.93	150.03	1.66e-03	0.0	0.0	20.06	-3.98	-0.44	-3270.60	150.03	-2299.93
		-2299.93	150.03	1.66e-03	0.0	0.0	20.06	-3.98	-0.44	-3270.60	150.03	-2299.93
210	6	1.764e+06	1.703e+04	-0.04	0.0	0.0	-4207.27	8513.42	-100.07	-3.260e+04	1.703e+04	-1.429e+06
		-1.429e+06	-2.063e+04	0.30	0.0	375.1	-4207.27	8513.42	-100.07	-3.260e+04	-2.063e+04	1.764e+06
210	7	2.306e+06	7923.55	-0.05	0.0	0.0	-4291.39	1.114e+04	-30.65	-2.476e+04	7923.55	-1.874e+06
		-1.874e+06	-3589.10	2.06e-03	0.0	375.1	-4291.39	1.114e+04	-30.65	-2.476e+04	-3589.10	2.306e+06
210	8	6.221e+05	1.684e+04	-0.05	0.0	0.0	1763.77	2922.59	69.44	2.039e+05	1.684e+04	-6.221e+05
		-6.221e+05	-1.684e+04	0.22	0.0	375.1	1763.77	2922.59	69.44	2.039e+05	-1.684e+04	6.221e+05
210	9	1.318e+06	2.155e+04	-0.07	0.0	0.0	-1113.64	6137.46	94.22	1.447e+05	-1.382e+04	-9.847e+05
		-9.847e+05	-1.382e+04	-0.21	0.0	375.1	-1113.64	6137.46	94.22	1.447e+05	2.155e+04	1.318e+06

210	10	9.473e+05	9145.29	-0.02	0.0	0.0	-2259.12	4572.34	-54.02	-1.848e+04	9145.29	-7.679e+05
		-7.679e+05	-1.120e+04	0.16	0.0	375.1	-2259.12	4572.34	-54.02	-1.848e+04	-1.120e+04	9.473e+05
210	11	1.227e+06	4236.01	-0.03	0.0	0.0	-2289.23	5931.61	-16.40	-1.320e+04	4236.01	-9.976e+05
		-9.976e+05	-1926.10	1.14e-03	0.0	375.1	-2289.23	5931.61	-16.40	-1.320e+04	-1926.10	1.227e+06
210	12	3.636e+05	9557.90	-0.03	0.0	0.0	950.28	1711.77	39.70	1.084e+05	-5416.65	-2.815e+05
		-2.815e+05	-5416.65	0.12	0.0	375.1	950.28	1711.77	39.70	1.084e+05	9557.90	3.636e+05
210	13	7.007e+05	1.162e+04	-0.04	0.0	0.0	-624.11	3264.06	50.71	7.851e+04	-7417.12	-5.241e+05
		-5.241e+05	-7417.12	-0.11	0.0	375.1	-624.11	3264.06	50.71	7.851e+04	1.162e+04	7.007e+05
210	14	7.103e+05	6857.92	-0.02	0.0	0.0	-1694.54	3428.30	-40.51	-1.388e+04	6857.92	-5.757e+05
		-5.757e+05	-8396.29	0.12	0.0	375.1	-1694.54	3428.30	-40.51	-1.388e+04	-8396.29	7.103e+05
210	15	9.193e+05	3175.07	-0.02	0.0	0.0	-1715.28	4442.47	-12.29	-9894.96	3175.07	-7.472e+05
		-7.472e+05	-1444.40	8.57e-04	0.0	375.1	-1715.28	4442.47	-12.29	-9894.96	-1444.40	9.193e+05
210	16	2.729e+05	7171.84	-0.02	0.0	0.0	715.02	1284.55	29.79	8.137e+04	-4064.62	-2.113e+05
		-2.113e+05	-4064.62	0.09	0.0	375.1	715.02	1284.55	29.79	8.137e+04	7171.84	2.729e+05
210	17	5.258e+05	8718.75	-0.03	0.0	0.0	-471.03	2449.57	38.05	5.893e+04	-5565.62	-3.933e+05
		-3.933e+05	-5565.62	-0.08	0.0	375.1	-471.03	2449.57	38.05	5.893e+04	8718.75	5.258e+05
211	1	3.166e+04	598.29	-4.59e-03	-1405.86	0.0	-299.47	754.57	-5.00	1158.00	598.29	-4.408e+04
		-4.408e+04	-1277.18	3.60e-03	0.0	374.9	-299.47	-651.29	-5.00	1158.00	-1277.18	-2.472e+04
211	2	1.456e+05	1692.90	-0.03	-5268.10	0.0	-198.08	2192.60	-17.86	1.515e+04	1692.90	-1.225e+05
		-1.225e+05	-5003.63	4.58e-03	0.0	374.9	-198.08	-3075.50	-17.86	1.515e+04	-5003.63	-8.879e+04
211	3	1213.95	6.54	7.97e-04	0.0	0.0	-35.35	-16.87	4.40e-03	1025.05	4.89	1213.95
		-5110.75	4.89	-1.26e-04	0.0	374.9	-35.35	-16.87	4.40e-03	1025.05	6.54	-5110.75
211	4	8370.38	82.72	-9.55e-04	-400.02	0.0	-45.98	152.45	-0.91	2074.45	82.72	-7708.71
		-1.304e+04	-257.60	-4.94e-05	0.0	374.9	-45.98	-247.57	-0.91	2074.45	-257.60	-1.304e+04
211	5	-2889.72	426.65	-1.71e-03	0.0	0.0	-61.85	1.92	1.34	3690.02	-76.83	-3608.65
		-3608.65	-76.83	-1.58e-04	0.0	374.9	-61.85	1.92	1.34	3690.02	426.65	-2889.72
211	6	1.186e+06	1.433e+04	0.02	0.0	0.0	3384.14	5945.65	-83.67	-3.727e+04	1.433e+04	-1.044e+06
		-1.044e+06	-1.736e+04	0.31	0.0	374.9	3384.14	5945.65	-83.67	-3.727e+04	-1.736e+04	1.186e+06
211	7	1.730e+06	2521.17	0.03	0.0	0.0	3034.49	8809.22	-39.06	-2.100e+04	2521.17	-1.573e+06
		-1.573e+06	-1.214e+04	5.31e-03	0.0	374.9	3034.49	8809.22	-39.06	-2.100e+04	-1.214e+04	1.730e+06
211	8	1.327e+06	1.243e+04	-0.04	0.0	0.0	-661.84	-6695.83	49.96	-1.524e+05	1.243e+04	1.327e+06
		-1.184e+06	6611.67	0.26	0.0	374.9	-661.84	-6695.83	49.96	-1.524e+05	6611.67	-1.184e+06
211	9	5.388e+05	1.141e+04	0.03	0.0	0.0	1116.11	-2744.15	70.59	-1.332e+05	-1.514e+04	5.388e+05
		-5.050e+05	-1.514e+04	-0.17	0.0	374.9	1116.11	-2744.15	70.59	-1.332e+05	1.141e+04	-5.050e+05
211	10	6.425e+05	7791.46	0.01	0.0	0.0	1815.24	3227.25	-44.98	-1.999e+04	7791.46	-5.678e+05
		-5.678e+05	-9274.13	0.17	0.0	374.9	1815.24	3227.25	-44.98	-1.999e+04	-9274.13	6.425e+05
211	11	9.210e+05	1349.67	0.02	0.0	0.0	1620.26	4690.06	-20.81	-1.119e+04	1349.67	-8.372e+05
		-8.372e+05	-6467.41	2.93e-03	0.0	374.9	1620.26	4690.06	-20.81	-1.119e+04	-6467.41	9.210e+05
211	12	7.090e+05	6999.90	0.02	0.0	0.0	-361.76	-3582.11	28.47	-8.124e+04	6999.90	-7.090e+05
		-6.348e+05	3833.66	0.14	0.0	374.9	-361.76	-3582.11	28.47	-8.124e+04	3833.66	-6.348e+05
211	13	3.156e+05	6091.12	0.01	0.0	0.0	597.10	-1609.83	37.92	-7.151e+04	6091.12	-2.952e+05
		-2.952e+05	-8176.79	-0.08	0.0	374.9	597.10	-1609.83	37.92	-7.151e+04	-8176.79	3.156e+05
211	14	4.818e+05	5843.18	9.89e-03	0.0	0.0	1361.85	2420.03	-33.73	-1.500e+04	5843.18	-4.258e+05
		-4.258e+05	-6953.40	0.13	0.0	374.9	1361.85	2420.03	-33.73	-1.500e+04	-6953.40	4.818e+05
211	15	6.898e+05	1011.50	0.01	0.0	0.0	1214.27	3512.75	-15.59	-8377.17	1011.50	-6.271e+05
		-6.271e+05	-4843.89	2.19e-03	0.0	374.9	1214.27	3512.75	-15.59	-8377.17	-4843.89	6.898e+05
211	16	5.321e+05	5252.16	0.01	0.0	0.0	-272.23	-2688.32	21.36	-6.097e+04	5252.16	-4.764e+05
		-4.764e+05	2876.60	0.10	0.0	374.9	-272.23	-2688.32	21.36	-6.097e+04	2876.60	-4.764e+05
211	17	2.369e+05	4569.60	0.01	0.0	0.0	448.79	-1208.55	28.45	-5.367e+04	4569.60	-2.216e+05
		-2.216e+05	-6135.38	-0.06	0.0	374.9	448.79	-1208.55	28.45	-5.367e+04	-6135.38	2.369e+05
212	1	1.804e+04	78.64	-1.93e-03	-1344.65	0.0	-306.51	696.14	0.14	-80.84	78.64	-4.650e+04
		-4.650e+04	28.49	-3.61e-03	0.0	358.6	-306.51	-648.51	0.14	-80.84	28.49	-3.796e+04
212	2	3331.42	662.90	7.24e-03	0.0	0.0	-1015.10	215.34	-3.41	-6010.15	662.90	-7.388e+04
		-7.388e+04	-561.02	-6.09e-03	0.0	358.6	-1015.10	215.34	-3.41	-6010.15	-561.02	3331.42
212	3	1900.08	-3.31	-9.86e-05	0.0	0.0	-23.95	-8.22	0.10	-63.73	-39.90	1900.08
		-1047.83	-39.90	-2.32e-04	0.0	358.6	-23.95	-8.22	0.10	-63.73	-3.31	-1047.83
212	4	-477.07	16.13	4.03e-04	0.0	0.0	-43.78	5.68	0.10	-649.57	-19.94	-2514.89
		-2514.89	-19.94	-5.04e-04	0.0	358.6	-43.78	5.68	0.10	-649.57	16.13	-477.07
212	5	382.43	5.02	6.51e-05	0.0	0.0	-17.81	-3.46	0.24	-101.10	-81.28	382.43
		-858.05	-81.28	-8.43e-05	0.0	358.6	-17.81	-3.46	0.24	-101.10	5.02	-858.05
212	6	1.442e+06	2.137e+04	0.04	0.0	0.0	-1405.15	8085.36	-118.59	6.252e+04	2.137e+04	-1.458e+06
		-1.458e+06	-2.116e+04	0.30	0.0	358.6	-1405.15	8085.36	-118.59	6.252e+04	-2.116e+04	1.442e+06
212	7	1.994e+06	2085.98	0.04	0.0	0.0	-874.36	1.104e+04	-9.37	6.117e+04	2085.98	-1.966e+06
		-1.966e+06	-1291.55	7.55e-03	0.0	358.6	-874.36	1.104e+04	-9.37	6.117e+04	-1291.55	1.994e+06
212	8	8.740e+05	2.040e+04	-0.03	0.0	0.0	2046.30	-4461.70	-113.84	-6427.88	2.040e+04	8.740e+05
		-7.404e+05	-2.043e+04	0.17	0.0	358.6	2046.30	-4461.70	-113.84	-6427.88	-2.043e+04	-7.404e+05
212	9	7.591e+05	1.952e+04	-0.11	0.0	0.0	2174.49	3446.76	104.54	-5144.31	-1.799e+04	5.008e+05
		5.008e+05	-1.799e+04	-0.19	0.0	358.6	2174.49	3446.76	104.54	-5144.31	1.952e+04	7.591e+05
212	10	7.774e+05	1.160e+04	0.02	0.0	0.0	-749.70	4355.10	-64.44	3.335e+04	1.160e+04	-7.844e+05
		-7.844e+05	-1.151e+04	0.17	0.0	358.6	-749.70	4355.10	-64.44	3.335e+04	-1.151e+04	7.774e+05
212	11	1.062e+06	1124.78	0.02	0.0	0.0	-467.24	5879.69	-5.08	3.262e+04	1124.78	-1.047e+06
		-1.047e+06	-706.26	3.86e-03	0.0	358.6	-467.24	5879.69	-5.08	3.262e+04	-706.26	1.062e+06
212	12	4.724e+05	1.128e+04	-0.01	0.0	0.0	1106.30	-2437.93	-63.07	-3513.77	1.128e+04	-4.104e+05
		-4.104e+05	-1.134e+04	0.08	0.0	358.6	1106.30	-2437.93	-63.07	-3513.77	-1.134e+04	-4.104e+05
212	13	4.125e+05	1.068e+04	-0.06	0.0	0.0	1159.84	1900.59	57.36	-2741.57	-9898.93	2.827e+05
		2.827e+05	-9898.93	-0.10	0.0	358.6	1159.84	1900.59	57.36	-2741.57	1.068e+04	4.125e+05

212	14	5.829e+05	8699.49	0.01	0.0	0.0	-562.39	3265.51	-48.33	2.501e+04	8699.49	-5.882e+05
		-5.882e+05	-8633.19	0.12	0.0	358.6	-562.39	3265.51	-48.33	2.501e+04	-8633.19	5.829e+05
212	15	7.952e+05	843.94	0.02	0.0	0.0	-350.24	4403.67	-3.81	2.444e+04	843.94	-7.838e+05
		-7.838e+05	-531.30	2.88e-03	0.0	358.6	-350.24	4403.67	-3.81	2.444e+04	-531.30	7.952e+05
212	16	3.546e+05	8464.92	-0.01	0.0	0.0	830.23	-1829.94	-47.33	-2636.30	8464.92	3.546e+05
		-3.081e+05	-8510.09	0.06	0.0	358.6	830.23	-1829.94	-47.33	-2636.30	-8510.09	-3.081e+05
212	17	3.096e+05	8017.62	-0.04	0.0	0.0	871.24	1426.65	43.04	-2056.06	-7428.20	2.123e+05
		2.123e+05	-7428.20	-0.08	0.0	358.6	871.24	1426.65	43.04	-2056.06	8017.62	3.096e+05
213	1	1.916e+04	135.58	-1.74e-03	-1343.02	0.0	-304.05	634.70	-0.33	766.64	135.58	-3.437e+04
		-4.755e+04	16.33	3.38e-03	0.0	358.1	-304.05	-708.31	-0.33	766.64	16.33	-4.755e+04
213	2	2.127e+04	781.82	4.04e-03	0.0	0.0	-993.82	-293.00	3.96	7513.50	-635.11	2.127e+04
		-8.366e+04	-635.11	4.77e-03	0.0	358.1	-993.82	-293.00	3.96	7513.50	781.82	-8.366e+04
213	3	2752.46	11.45	-1.23e-04	0.0	0.0	-20.13	-12.12	0.19	-74.75	-55.49	2752.46
		-1588.13	-55.49	-1.11e-04	0.0	358.1	-20.13	-12.12	0.19	-74.75	11.45	-1588.13
213	4	5354.66	56.06	-3.19e-04	0.0	0.0	-37.78	-36.52	0.33	529.97	-61.14	5354.66
		-7724.68	-61.14	-2.17e-05	0.0	358.1	-37.78	-36.52	0.33	529.97	56.06	-7724.68
213	5	323.75	-9.46	-3.57e-05	0.0	0.0	-16.13	2.70	-0.17	198.65	-9.46	-643.66
		-643.66	-71.76	-1.73e-04	0.0	358.1	-16.13	2.70	-0.17	198.65	-71.76	323.75
213	6	1.612e+06	2.832e+04	0.06	0.0	0.0	688.10	9800.55	-146.85	5.295e+04	2.832e+04	-1.898e+06
		-1.898e+06	-2.428e+04	0.32	0.0	358.1	688.10	9800.55	-146.85	5.295e+04	-2.428e+04	1.612e+06
213	7	2.172e+06	5205.30	0.08	0.0	0.0	-347.22	1.337e+04	-26.64	4.930e+04	5205.30	-2.616e+06
		-2.616e+06	-4336.32	0.14	0.0	358.1	-347.22	1.337e+04	-26.64	4.930e+04	-4336.32	2.172e+06
213	8	1.069e+06	2.647e+04	-0.15	0.0	0.0	2300.74	-4865.07	-134.82	-8556.44	2.647e+04	1.069e+06
		6.857e+05	-2.183e+04	0.23	0.0	358.1	2300.74	-4865.07	-134.82	-8556.44	-2.183e+04	6.857e+05
213	9	8.234e+05	1.836e+04	0.02	0.0	0.0	1711.50	4621.23	109.78	-1.173e+04	-2.096e+04	-8.418e+05
		-8.418e+05	-2.096e+04	-0.16	0.0	358.1	1711.50	4621.23	109.78	-1.173e+04	1.836e+04	8.234e+05
213	10	8.673e+05	1.533e+04	0.03	0.0	0.0	378.27	5277.52	-79.48	2.826e+04	1.533e+04	-1.023e+06
		-1.023e+06	-1.313e+04	0.17	0.0	358.1	378.27	5277.52	-79.48	2.826e+04	-1.313e+04	8.673e+05
213	11	1.156e+06	2785.66	0.04	0.0	0.0	-185.11	7116.70	-14.27	2.632e+04	2785.66	-1.392e+06
		-1.392e+06	-2324.94	0.07	0.0	358.1	-185.11	7116.70	-14.27	2.632e+04	-2324.94	1.156e+06
213	12	5.852e+05	1.456e+04	-0.08	0.0	0.0	1225.60	-2686.54	-74.26	-4788.58	1.456e+04	5.852e+05
		3.841e+05	-1.205e+04	0.12	0.0	358.1	1225.60	-2686.54	-74.26	-4788.58	-1.205e+04	3.841e+05
213	13	4.443e+05	1.012e+04	0.01	0.0	0.0	938.73	2517.12	60.63	-6225.57	-1.160e+04	-4.633e+05
		-4.633e+05	-1.160e+04	-0.08	0.0	358.1	938.73	2517.12	60.63	-6225.57	1.012e+04	4.443e+05
213	14	6.503e+05	1.150e+04	0.02	0.0	0.0	284.12	3957.12	-59.61	2.120e+04	1.150e+04	-6.503e+05
		-7.670e+05	-9850.33	0.13	0.0	358.1	284.12	3957.12	-59.61	2.120e+04	-9850.33	6.503e+05
213	15	8.661e+05	2087.99	0.03	0.0	0.0	-138.75	5330.07	-10.70	1.972e+04	2087.99	-1.043e+06
		-1.043e+06	-1743.31	0.06	0.0	358.1	-138.75	5330.07	-10.70	1.972e+04	-1743.31	8.661e+05
213	16	4.392e+05	1.092e+04	-0.06	0.0	0.0	920.44	-2016.50	-55.73	-3593.37	1.092e+04	4.392e+05
		2.883e+05	-9039.87	0.09	0.0	358.1	920.44	-2016.50	-55.73	-3593.37	-9039.87	2.883e+05
213	17	3.335e+05	7597.61	8.47e-03	0.0	0.0	705.12	1889.32	45.50	-4670.43	-8702.87	-3.477e+05
		-3.477e+05	-8702.87	-0.06	0.0	358.1	705.12	1889.32	45.50	-4670.43	7597.61	3.335e+05
216	1	3.024e+04	1593.27	4.63e-03	-1319.88	0.0	1546.29	745.40	-4.29	-1332.94	1593.27	-4.597e+04
		-4.597e+04	39.23	-3.38e-03	0.0	362.1	1227.54	-574.47	-4.29	-1332.94	39.23	-1.502e+04
216	2	9.736e+04	4634.12	0.02	0.0	0.0	272.60	359.26	-13.34	-2576.72	4634.12	-3.272e+04
		-3.272e+04	-195.63	-9.39e-03	0.0	362.1	272.60	359.26	-13.34	-2576.72	-195.63	9.736e+04
216	3	1319.85	210.84	6.91e-04	0.0	0.0	-54.36	-7.67	1.94	365.37	-490.87	1319.85
		-1458.31	-490.87	-6.70e-04	0.0	362.1	-54.36	-7.67	1.94	365.37	210.84	-1458.31
216	4	4522.81	360.56	1.71e-03	0.0	0.0	-153.72	12.78	3.30	486.78	-833.69	-104.92
		-104.92	-833.69	-1.17e-03	0.0	362.1	-153.72	12.78	3.30	486.78	360.56	4522.81
216	5	1.714e+04	-220.51	2.66e-03	0.0	0.0	-22.66	62.78	0.15	844.61	-275.18	-5588.92
		-5588.92	-275.18	-1.41e-04	0.0	362.1	-22.66	62.78	0.15	844.61	-220.51	1.714e+04
216	6	2.143e+05	1.047e+04	0.03	0.0	0.0	5703.53	812.84	52.04	-7.807e+04	-9644.38	-8.041e+04
		-8.041e+04	-9644.38	0.33	0.0	362.1	5703.53	812.84	52.04	-7.807e+04	1.047e+04	2.143e+05
216	7	3.264e+05	1.942e+04	0.05	0.0	0.0	9261.87	1266.92	82.79	-1.075e+05	-1.075e+04	-1.324e+05
		-1.324e+05	-1.075e+04	0.15	0.0	362.1	9261.87	1266.92	82.79	-1.075e+05	1.942e+04	3.264e+05
216	8	7.358e+05	6072.23	0.06	0.0	0.0	2.144e+04	3044.13	-63.41	5.049e+04	6072.23	-3.665e+05
		-3.665e+05	-1.707e+04	0.26	0.0	362.1	2.144e+04	3044.13	-63.41	5.049e+04	-1.707e+04	7.358e+05
216	9	9.816e+05	1.519e+04	0.08	0.0	0.0	2.726e+04	4026.40	64.01	2.428e+04	-8889.88	-4.763e+05
		-4.763e+05	-8889.88	-0.24	0.0	362.1	2.726e+04	4026.40	64.01	2.428e+04	1.519e+04	9.816e+05
216	10	1.172e+05	5981.07	0.02	0.0	0.0	3113.75	445.65	28.92	-4.198e+04	-5227.70	-4.443e+04
		-4.443e+04	-5227.70	0.17	0.0	362.1	3113.75	445.65	28.92	-4.198e+04	5981.07	1.172e+05
216	11	1.740e+05	1.035e+04	0.02	0.0	0.0	4940.88	675.26	44.29	-5.725e+04	-5822.94	-7.055e+04
		-7.055e+04	-5822.94	0.08	0.0	362.1	4940.88	675.26	44.29	-5.725e+04	1.035e+04	1.740e+05
216	12	3.983e+05	3277.35	0.03	0.0	0.0	1.159e+04	1647.44	-34.65	2.715e+04	3277.35	-1.982e+05
		-1.982e+05	-9383.73	0.14	0.0	362.1	1.159e+04	1647.44	-34.65	2.715e+04	-9383.73	3.983e+05
216	13	5.217e+05	8308.46	0.04	0.0	0.0	1.450e+04	2140.19	34.54	1.404e+04	-4770.00	-2.532e+05
		-2.532e+05	-4770.00	-0.13	0.0	362.1	1.450e+04	2140.19	34.54	1.404e+04	8308.46	5.217e+05
216	14	8.789e+04	4487.41	0.01	0.0	0.0	2336.14	334.27	21.70	-3.147e+04	-3926.00	-3.333e+04
		-3.333e+04	-3926.00	0.13	0.0	362.1	2336.14	334.27	21.70	-3.147e+04	4487.41	8.789e+04
216	15	1.303e+05	7750.02	0.02	0.0	0.0	3701.99	505.85	33.20	-4.288e+04	-4376.94	-5.285e+04
		-5.285e+04	-4376.94	0.06	0.0	362.1	3701.99	505.85	33.20	-4.288e+04	7750.02	1.303e+05
216	16	2.988e+05	2460.62	0.03	0.0	0.0	8693.45	1235.86	-26.01	2.038e+04	2460.62	-1.487e+05
		-1.487e+05	-7042.95	0.11	0.0	362.1	8693.45	1235.86	-26.01	2.038e+04	-7042.95	2.988e+05
216	17	3.915e+05	6236.86	0.03	0.0	0.0	1.088e+04	1606.18	25.94	1.055e+04	-3592.10	-1.901e+05
		-1.901e+05	-3592.10	-0.10	0.0	362.1	1.088e+04	1606.18	25.94	1.055e+04	6236.86	3.915e+05

217	1	3.023e+04	1562.36	-6.09e-03	-1319.88	0.0	1165.05	576.35	4.52	1089.60	-75.43	-1.533e+04
		-4.560e+04	-75.43	3.14e-03	0.0	362.1	1483.80	-743.53	4.52	1089.60	1562.36	-4.560e+04
217	2	9.693e+04	5030.79	-0.02	0.0	0.0	96.17	-356.21	15.82	2206.05	-696.75	9.693e+04
		-3.205e+04	-696.75	7.66e-03	0.0	362.1	96.17	-356.21	15.82	2206.05	5030.79	-3.205e+04
217	3	1252.70	146.69	-7.53e-04	0.0	0.0	-80.09	6.85	-1.51	-222.98	146.69	-1226.99
		-1226.99	-399.37	1.44e-04	0.0	362.1	-80.09	6.85	-1.51	-222.98	-399.37	1252.70
217	4	4817.30	253.89	-1.80e-03	0.0	0.0	-196.26	-13.78	-2.58	-294.60	253.89	4817.30
		-172.26	-681.15	3.59e-04	0.0	362.1	-196.26	-13.78	-2.58	-294.60	-681.15	-172.26
217	5	1.706e+04	-236.86	-2.65e-03	0.0	0.0	-33.88	-62.31	-0.08	-863.65	-236.86	1.706e+04
		-5505.03	-266.55	-1.11e-04	0.0	362.1	-33.88	-62.31	-0.08	-863.65	-266.55	-5505.03
217	6	6.914e+04	1.050e+04	0.03	0.0	0.0	-4491.79	711.48	37.40	-6.314e+04	-6659.66	-1.895e+05
		-1.895e+05	-6659.66	0.35	0.0	362.1	-4491.79	711.48	37.40	-6.314e+04	1.050e+04	6.914e+04
217	7	1.175e+05	1.074e+04	0.05	0.0	0.0	-7870.92	1156.16	55.22	-8.714e+04	-9422.96	-3.011e+05
		-3.011e+05	-9422.96	0.17	0.0	362.1	-7870.92	1156.16	55.22	-8.714e+04	1.074e+04	1.175e+05
217	8	9.842e+05	1.492e+04	-0.08	0.0	0.0	2.711e+04	-4032.39	-67.10	-2.412e+04	1.492e+04	9.842e+05
		-4.759e+05	-9884.67	0.27	0.0	362.1	2.711e+04	-4032.39	-67.10	-2.412e+04	-9884.67	-4.759e+05
217	9	7.746e+05	5604.30	-0.07	0.0	0.0	2.256e+04	-3203.12	42.83	-3.428e+04	-1.013e+04	7.746e+05
		-3.852e+05	-1.013e+04	-0.22	0.0	362.1	2.256e+04	-3203.12	42.83	-3.428e+04	5604.30	-3.852e+05
217	10	3.858e+04	5701.41	0.01	0.0	0.0	-2474.52	392.73	21.11	-3.393e+04	-3880.76	-1.042e+05
		-1.042e+05	-3880.76	0.18	0.0	362.1	-2474.52	392.73	21.11	-3.393e+04	5701.41	3.858e+04
217	11	6.266e+04	5836.36	0.03	0.0	0.0	-4199.85	616.23	29.68	-4.639e+04	-5023.38	-1.605e+05
		-1.605e+05	-5023.38	0.09	0.0	362.1	-4199.85	616.23	29.68	-4.639e+04	5836.36	-1.605e+05
217	12	5.234e+05	8111.16	-0.04	0.0	0.0	1.443e+04	-2144.55	-36.10	-1.376e+04	8111.16	5.234e+05
		-2.531e+05	-5283.57	0.15	0.0	362.1	1.443e+04	-2144.55	-36.10	-1.376e+04	-5283.57	-2.531e+05
217	13	4.174e+05	3046.47	-0.04	0.0	0.0	1.214e+04	-1725.71	23.58	-1.841e+04	-5632.69	4.174e+05
		-2.075e+05	-5632.69	-0.12	0.0	362.1	1.214e+04	-1725.71	23.58	-1.841e+04	3046.47	-2.075e+05
217	14	2.896e+04	4282.78	0.01	0.0	0.0	-1857.31	294.67	15.85	-2.544e+04	-2912.60	-7.818e+04
		-7.818e+04	-2912.60	0.13	0.0	362.1	-1857.31	294.67	15.85	-2.544e+04	4282.78	2.896e+04
217	15	4.695e+04	4390.50	0.02	0.0	0.0	-3147.37	461.69	22.27	-3.474e+04	-3763.69	-1.202e+05
		-1.202e+05	-3763.69	0.07	0.0	362.1	-3147.37	461.69	22.27	-3.474e+04	4390.50	-1.202e+05
217	16	3.927e+05	6088.52	-0.03	0.0	0.0	1.083e+04	-1609.19	-27.11	-1.033e+04	6088.52	3.927e+05
		-1.900e+05	-3972.54	0.11	0.0	362.1	1.083e+04	-1609.19	-27.11	-1.033e+04	-3972.54	-1.900e+05
217	17	3.132e+05	2292.24	-0.03	0.0	0.0	9114.85	-1295.07	17.71	-1.382e+04	-4227.96	3.132e+05
		-1.557e+05	-4227.96	-0.09	0.0	362.1	9114.85	-1295.07	17.71	-1.382e+04	2292.24	-1.557e+05
220	1	3.094e+04	4575.00	-6.12e-03	-1319.88	0.0	-588.19	575.26	-19.44	3618.25	4575.00	-1.747e+04
		-5.017e+04	-2932.27	-1.69e-03	0.0	386.2	7.61	-744.62	-19.44	3618.25	-2932.27	-5.017e+04
220	2	1.480e+05	1.678e+04	-0.03	-5536.83	0.0	-2334.98	2403.97	-70.91	1.292e+04	1.678e+04	-3.366e+04
		-2.253e+05	-1.060e+04	-3.22e-03	0.0	386.2	164.38	-3132.87	-70.91	1.292e+04	-1.060e+04	-2.253e+05
220	3	980.10	-178.47	-6.35e-04	0.0	0.0	-76.65	5.18	0.02	-543.20	-185.53	-1020.55
		-1020.55	-185.53	-2.59e-04	0.0	386.2	-76.65	5.18	0.02	-543.20	-178.47	980.10
220	4	7465.16	721.86	-1.44e-03	0.0	0.0	-58.81	-21.93	-2.26	-69.75	721.86	7465.16
		-1002.58	-149.58	-4.16e-04	0.0	386.2	-58.81	-21.93	-2.26	-69.75	-149.58	-1002.58
220	5	2.073e+04	1947.16	-3.00e-03	0.0	0.0	-163.68	-64.33	7.86	-425.54	-1086.56	2.073e+04
		-4113.73	-1086.56	6.65e-04	0.0	386.2	-163.68	-64.33	7.86	-425.54	1947.16	-4113.73
220	6	1.306e+05	-1.837e+04	0.06	0.0	0.0	-8051.52	1596.25	123.06	-1.064e+05	-6.184e+04	-4.858e+05
		-4.858e+05	-6.184e+04	0.29	0.0	386.2	-8051.52	1596.25	123.06	-1.064e+05	1.306e+05	-4.858e+05
220	7	8.117e+04	-1.324e+04	0.05	0.0	0.0	-6107.34	1002.16	223.17	-1.494e+05	-9.937e+04	-3.058e+05
		-3.058e+05	-9.937e+04	0.09	0.0	386.2	-6107.34	1002.16	223.17	-1.494e+05	-1.324e+04	8.117e+04
220	8	7.778e+05	6007.76	-0.08	0.0	0.0	8727.37	-2552.26	118.88	-4.637e+04	-4.442e+04	7.778e+05
		-2.078e+05	-4.442e+04	0.29	0.0	386.2	8727.37	-2552.26	118.88	-4.637e+04	6007.76	-2.078e+05
220	9	1.075e+06	9391.24	-0.12	0.0	0.0	1.009e+04	-3526.84	171.99	-7.108e+04	-5.754e+04	1.075e+06
		-2.873e+05	-5.754e+04	-0.24	0.0	386.2	1.009e+04	-3526.84	171.99	-7.108e+04	9391.24	-2.873e+05
220	10	6.984e+04	-9795.52	0.03	0.0	0.0	-4296.99	853.28	68.50	-5.738e+04	-3.377e+04	-2.597e+05
		-2.597e+05	-3.377e+04	0.15	0.0	386.2	-4296.99	853.28	68.50	-5.738e+04	-9795.52	6.984e+04
220	11	4.325e+04	-7069.43	0.03	0.0	0.0	-3262.25	533.80	118.76	-7.954e+04	-5.289e+04	-1.629e+05
		-1.629e+05	-5.289e+04	0.05	0.0	386.2	-3262.25	533.80	118.76	-7.954e+04	-7069.43	-1.629e+05
220	12	4.229e+05	3417.96	-0.04	0.0	0.0	4710.33	-1387.96	68.09	-2.655e+04	-2.513e+04	4.229e+05
		-1.131e+05	-2.513e+04	0.16	0.0	386.2	4710.33	-1387.96	68.09	-2.655e+04	3417.96	-1.131e+05
220	13	5.708e+05	5011.25	-0.06	0.0	0.0	5363.24	-1873.20	92.49	-3.812e+04	-3.104e+04	5.708e+05
		-1.526e+05	-3.104e+04	-0.13	0.0	386.2	5363.24	-1873.20	92.49	-3.812e+04	5011.25	-1.526e+05
220	14	5.238e+04	-7346.81	0.02	0.0	0.0	-3223.58	639.93	51.38	-4.302e+04	-2.532e+04	-1.947e+05
		-1.947e+05	-2.532e+04	0.11	0.0	386.2	-3223.58	639.93	51.38	-4.302e+04	-7346.81	5.238e+04
220	15	3.240e+04	-5297.87	0.02	0.0	0.0	-2445.04	399.84	88.94	-5.958e+04	-3.961e+04	-1.220e+05
		-1.220e+05	-3.961e+04	0.04	0.0	386.2	-2445.04	399.84	88.94	-5.958e+04	-5297.87	3.240e+04
220	16	3.173e+05	2568.14	-0.03	0.0	0.0	3533.93	-1041.26	51.12	-1.993e+04	-1.887e+04	3.173e+05
		-8.483e+04	-1.887e+04	0.12	0.0	386.2	3533.93	-1041.26	51.12	-1.993e+04	2568.14	-8.483e+04
220	17	4.283e+05	3763.73	-0.05	0.0	0.0	4024.99	-1405.75	69.41	-2.861e+04	-2.329e+04	4.283e+05
		-1.145e+05	-2.329e+04	-0.10	0.0	386.2	4024.99	-1405.75	69.41	-2.861e+04	3763.73	-1.145e+05
221	1	3.132e+04	4347.78	4.19e-03	-1319.88	0.0	-2591.54	745.89	22.82	-5093.97	-4464.64	-5.007e+04
		-5.007e+04	-4464.64	-3.48e-03	0.0	386.2	-2591.54	745.89	22.82	-5093.97	4347.78	-5.007e+04
221	2	1.139e+05	3797.61	0.02	-5531.65	0.0	-5534.52	3183.09	13.51	-2305.18	-1419.73	-2.719e+05
		-2.719e+05	-1419.73	-0.01	0.0	386.2	-5534.52	3183.09	13.51	-2305.18	3797.61	-2.719e+05
221	3	843.70	-253.53	6.97e-04	0.0	0.0	-123.78	-5.05	-2.61e-03	573.76	-253.53	843.70
		-1106.38	-254.53	-4.56e-04	0.0	386.2	-123.78	-5.05	-2.61e-03	573.76	-254.53	-1106.38
221	4	4854.94	-285.02	1.78e-03	0.0	0.0	-187.89	15.62	-0.29	804.77	-285.02	-1177.45
		-1177.45	-397.13	-9.58e-04	0.0	386.2	-187.89	15.62	-0.29	804.77	-397.13	4854.94

221	5	1.395e+04	632.16	2.81e-03	0.0	0.0	-23.22	37.84	-4.38	643.76	632.16	-662.23
		-662.23	-1058.67	-1.35e-04	0.0	386.2	-23.22	37.84	-4.38	643.76	-1058.67	1.395e+04
221	6	1.832e+05	5.935e+04	0.03	0.0	0.0	-4449.22	546.20	142.42	-1.092e+05	4857.97	-2.823e+04
		-2.823e+04	4857.97	0.30	0.0	386.2	-4449.22	546.20	142.42	-1.092e+05	5.935e+04	1.832e+05
221	7	2.726e+05	8.967e+04	0.04	0.0	0.0	-3770.88	813.90	225.10	-1.431e+05	2930.10	-4.172e+04
		-4.172e+04	2930.10	0.11	0.0	386.2	-3770.88	813.90	225.10	-1.431e+05	8.967e+04	2.726e+05
221	8	5.952e+05	1403.16	0.07	0.0	0.0	8787.47	1912.74	-129.69	6.532e+04	1403.16	-1.435e+05
		-1.435e+05	-4.906e+04	0.27	0.0	386.2	8787.47	1912.74	-129.69	6.532e+04	-4.906e+04	5.952e+05
221	9	8.001e+05	-3613.29	0.08	0.0	0.0	8947.50	2561.19	-74.41	2.779e+04	-3613.29	-1.890e+05
		-1.890e+05	-2.662e+04	-0.24	0.0	386.2	8947.50	2561.19	-74.41	2.779e+04	-2.662e+04	8.001e+05
221	10	1.000e+05	3.211e+04	0.01	0.0	0.0	-2370.10	298.81	77.28	-5.861e+04	2585.42	-1.569e+04
		-1.569e+04	2585.42	0.15	0.0	386.2	-2370.10	298.81	77.28	-5.861e+04	3.211e+04	1.000e+05
221	11	1.453e+05	4.773e+04	0.02	0.0	0.0	-2014.01	433.76	119.87	-7.621e+04	1576.57	-2.223e+04
		-2.223e+04	1576.57	0.06	0.0	386.2	-2014.01	433.76	119.87	-7.621e+04	4.773e+04	1.453e+05
221	12	3.222e+05	805.27	0.04	0.0	0.0	4724.58	1035.00	-70.10	3.499e+04	805.27	-7.753e+04
		-7.753e+04	-2.649e+04	0.15	0.0	386.2	4724.58	1035.00	-70.10	3.499e+04	-2.649e+04	3.222e+05
221	13	4.252e+05	-1928.64	0.04	0.0	0.0	4772.25	1360.98	-42.19	1.623e+04	-1928.64	-1.004e+05
		-1.004e+05	-1.523e+04	-0.13	0.0	386.2	4772.25	1360.98	-42.19	1.623e+04	-1.523e+04	4.252e+05
221	14	7.500e+04	2.408e+04	0.01	0.0	0.0	-1777.41	224.12	57.95	-4.395e+04	1938.37	-1.177e+04
		-1.177e+04	1938.37	0.12	0.0	386.2	-1777.41	224.12	57.95	-4.395e+04	2.408e+04	7.500e+04
221	15	1.088e+05	3.575e+04	0.02	0.0	0.0	-1509.51	324.93	89.79	-5.708e+04	1183.41	-1.666e+04
		-1.666e+04	1183.41	0.04	0.0	386.2	-1509.51	324.93	89.79	-5.708e+04	3.575e+04	1.088e+05
221	16	2.417e+05	611.05	0.03	0.0	0.0	3545.56	776.40	-52.63	2.626e+04	611.05	-5.816e+04
		-5.816e+04	-1.989e+04	0.11	0.0	386.2	3545.56	776.40	-52.63	2.626e+04	-1.989e+04	2.417e+05
221	17	3.191e+05	-1449.46	0.03	0.0	0.0	3582.93	1021.31	-31.69	1.219e+04	-1449.46	-7.536e+04
		-7.536e+04	-1.144e+04	-0.10	0.0	386.2	3582.93	1021.31	-31.69	1.219e+04	-1.144e+04	3.191e+05
222	1	3.123e+04	4055.43	-6.32e-03	-1319.88	0.0	-3203.26	573.85	-21.88	4889.68	4055.43	-1.695e+04
		-5.019e+04	-4394.12	3.21e-03	0.0	386.2	-2607.46	-746.02	-21.88	4889.68	-4394.12	-5.019e+04
222	2	1.139e+05	3175.57	-0.02	-5538.63	0.0	-8029.90	2351.88	-10.72	2166.10	3175.57	-6.021e+04
		-2.724e+05	-962.47	9.11e-03	0.0	386.2	-5529.73	-3186.75	-10.72	2166.10	-962.47	-2.724e+05
222	3	772.93	-146.78	-7.72e-04	0.0	0.0	-108.49	4.34	0.12	-346.13	-195.04	-901.92
		-901.92	-195.04	-7.38e-05	0.0	386.2	-108.49	4.34	0.12	-346.13	-146.78	772.93
222	4	5126.64	-120.61	-1.89e-03	0.0	0.0	-165.36	-16.60	0.54	-490.53	-327.41	5126.64
		-1283.95	-327.41	2.10e-04	0.0	386.2	-165.36	-16.60	0.54	-490.53	-120.61	-1283.95
222	5	1.391e+04	640.12	-2.90e-03	0.0	0.0	-27.76	-37.76	4.47	-664.72	-1085.64	1.391e+04
		-671.96	-1085.64	1.21e-04	0.0	386.2	-27.76	-37.76	4.47	-664.72	640.12	-671.96
222	6	2.468e+04	-8889.82	0.02	0.0	0.0	4929.18	483.34	89.42	-9.677e+04	-4.287e+04	-1.631e+05
		-1.631e+05	-4.287e+04	0.32	0.0	386.2	4929.18	483.34	89.42	-9.677e+04	-8889.82	2.468e+04
222	7	3.665e+04	-9178.37	0.05	0.0	0.0	4196.31	749.93	149.44	-1.262e+05	-6.683e+04	-2.530e+05
		-2.530e+05	-6.683e+04	0.13	0.0	386.2	4196.31	749.93	149.44	-1.262e+05	-9178.37	3.665e+04
222	8	8.030e+05	-3212.77	-0.10	0.0	0.0	8701.80	-2568.85	69.34	-2.913e+04	-3212.77	-1.891e+05
		-1.891e+05	-2.569e+04	0.26	0.0	386.2	8701.80	-2568.85	69.34	-2.913e+04	-3212.77	-1.891e+05
222	9	6.271e+05	-1943.16	-0.08	0.0	0.0	9040.98	-2015.74	78.24	-4.909e+04	-1943.16	-1.513e+05
		-1.513e+05	-3.181e+04	-0.24	0.0	386.2	9040.98	-2015.74	78.24	-4.909e+04	-1943.16	-1.513e+05
222	10	1.384e+04	-4738.76	0.01	0.0	0.0	2626.22	265.92	48.76	-5.190e+04	-2.323e+04	-8.944e+04
		-8.944e+04	-2.323e+04	0.17	0.0	386.2	2626.22	265.92	48.76	-5.190e+04	-4738.76	1.384e+04
222	11	1.953e+04	-4882.05	0.03	0.0	0.0	2238.43	399.65	79.58	-6.718e+04	-4882.05	1.953e+04
		-1.348e+05	-3.557e+04	0.07	0.0	386.2	2238.43	399.65	79.58	-6.718e+04	-4882.05	1.953e+04
222	12	4.269e+05	-1733.57	-0.05	0.0	0.0	4644.84	-1365.81	38.82	-1.679e+04	-1733.57	-1.005e+05
		-1.005e+05	-1.453e+04	0.15	0.0	386.2	4644.84	-1365.81	38.82	-1.679e+04	-1733.57	-1.005e+05
222	13	3.379e+05	-1047.69	-0.05	0.0	0.0	4849.23	-1085.68	42.33	-2.624e+04	-1047.69	3.379e+05
		-8.140e+04	-1.717e+04	-0.13	0.0	386.2	4849.23	-1085.68	42.33	-2.624e+04	-1047.69	-8.140e+04
222	14	1.039e+04	-3552.70	9.86e-03	0.0	0.0	1969.28	199.50	36.56	-3.892e+04	-1.741e+04	-6.710e+04
		-6.710e+04	-1.741e+04	0.12	0.0	386.2	1969.28	199.50	36.56	-3.892e+04	-3552.70	1.039e+04
222	15	1.463e+04	-3655.67	0.02	0.0	0.0	1677.09	299.42	59.61	-5.032e+04	-2.664e+04	-1.010e+05
		-1.010e+05	-2.664e+04	0.05	0.0	386.2	1677.09	299.42	59.61	-5.032e+04	-3655.67	1.463e+04
222	16	3.203e+05	-1301.24	-0.04	0.0	0.0	3486.25	-1024.77	29.14	-1.260e+04	-1301.24	-7.544e+04
		-7.544e+04	-1.091e+04	0.11	0.0	386.2	3486.25	-1024.77	29.14	-1.260e+04	-1301.24	-7.544e+04
222	17	2.536e+05	-789.26	-0.03	0.0	0.0	3640.45	-814.69	31.79	-1.970e+04	-789.26	-6.108e+04
		-6.108e+04	-1.289e+04	-0.10	0.0	386.2	3640.45	-814.69	31.79	-1.970e+04	-789.26	-6.108e+04
223	1	3.090e+04	4587.80	3.90e-03	-1319.88	0.0	2.00	744.27	19.34	-3656.39	-2880.39	-5.013e+04
		-5.013e+04	-2880.39	1.46e-03	0.0	386.2	-593.80	-575.61	19.34	-3656.39	4587.80	-1.757e+04
223	2	1.467e+05	1.677e+04	0.01	-5535.59	0.0	251.76	3122.83	71.64	-1.271e+04	-1.089e+04	-2.243e+05
		-2.243e+05	-1.089e+04	-1.40e-03	0.0	386.2	-2247.04	-2412.76	71.64	-1.271e+04	1.677e+04	-3.631e+05
223	3	1341.16	-266.35	6.06e-04	0.0	0.0	-29.28	-9.00	0.10	752.37	-303.10	1341.16
		-2134.42	-303.10	-2.09e-04	0.0	386.2	-29.28	-9.00	0.10	752.37	-266.35	-2134.42
223	4	5831.55	608.71	1.37e-03	0.0	0.0	11.50	16.32	2.43	367.98	-330.50	-471.26
		-471.26	-330.50	-3.17e-04	0.0	386.2	11.50	16.32	2.43	367.98	608.71	5831.55
223	5	2.065e+04	1962.01	2.61e-03	0.0	0.0	-168.72	64.08	-7.89	420.37	1962.01	-4091.28
		-4091.28	-1083.38	-9.16e-04	0.0	386.2	-168.72	64.08	-7.89	420.37	-1083.38	2.065e+04
223	6	5.404e+05	6.054e+04	0.05	0.0	0.0	8656.84	1775.55	120.43	-1.049e+05	1.834e+04	-1.452e+05
		-1.452e+05	1.834e+04	0.30	0.0	386.2	8656.84	1775.55	120.43	-1.049e+05	6.054e+04	5.404e+05
223	7	3.508e+05	9.758e+04	0.05	0.0	0.0	6804.98	1150.62	217.50	-1.475e+05	1.366e+04	-9.352e+04
		-9.352e+04	1.366e+04	0.11	0.0	386.2	6804.98	1150.62	217.50	-1.475e+05	9.758e+04	3.508e+05
223	8	1.064e+06	8972.95	0.08	0.0	0.0	9675.88	3492.79	-193.41	8.076e+04	8972.95	-2.843e+05
		-2.843e+05	-6.615e+04	0.27	0.0	386.2	9675.88	3492.79	-193.41	8.076e+04	-6.615e+04	1.064e+06

223	9	8.080e+05	5197.38	0.05	0.0	0.0	9037.09	2651.62	-96.19	3.666e+04	5197.38	-2.160e+05
		-2.160e+05	-3.540e+04	-0.26	0.0	386.2	9037.09	2651.62	-96.19	3.666e+04	-3.540e+04	8.080e+05
223	10	2.888e+05	3.308e+04	0.03	0.0	0.0	4620.89	948.80	67.11	-5.657e+04	9785.07	-7.762e+04
		-7.762e+04	9785.07	0.15	0.0	386.2	4620.89	948.80	67.11	-5.657e+04	3.308e+04	2.888e+05
223	11	1.869e+05	5.194e+04	0.03	0.0	0.0	3635.24	613.01	115.73	-7.855e+04	7292.12	-4.984e+04
		-4.984e+04	7292.12	0.06	0.0	386.2	3635.24	613.01	115.73	-7.855e+04	5.194e+04	1.869e+05
223	12	5.657e+05	4779.24	0.04	0.0	0.0	5150.13	1856.25	-104.26	4.338e+04	4779.24	-1.511e+05
		-1.511e+05	-3.573e+04	0.15	0.0	386.2	5150.13	1856.25	-104.26	4.338e+04	-3.573e+04	5.657e+05
223	13	4.367e+05	2925.35	0.03	0.0	0.0	4852.57	1433.20	-55.52	2.126e+04	2925.35	-1.168e+05
		-1.168e+05	-2.021e+04	-0.14	0.0	386.2	4852.57	1433.20	-55.52	2.126e+04	-2.021e+04	4.367e+05
223	14	2.166e+05	2.480e+04	0.02	0.0	0.0	3466.46	711.58	50.33	-4.242e+04	7339.38	-5.822e+04
		-5.822e+04	7339.38	0.11	0.0	386.2	3466.46	711.58	50.33	-4.242e+04	2.480e+04	2.166e+05
223	15	1.400e+05	3.890e+04	0.02	0.0	0.0	2724.54	459.15	86.67	-5.883e+04	5464.83	-3.733e+04
		-3.733e+04	5464.83	0.04	0.0	386.2	2724.54	459.15	86.67	-5.883e+04	3.890e+04	1.400e+05
223	16	4.245e+05	3584.59	0.03	0.0	0.0	3864.01	1392.77	-78.23	3.256e+04	3584.59	-1.134e+05
		-1.134e+05	-2.681e+04	0.11	0.0	386.2	3864.01	1392.77	-78.23	3.256e+04	-2.681e+04	4.245e+05
223	17	3.277e+05	2195.18	0.02	0.0	0.0	3641.53	1075.53	-41.67	1.596e+04	2195.18	-8.763e+04
		-8.763e+04	-1.518e+04	-0.10	0.0	386.2	3641.53	1075.53	-41.67	1.596e+04	-1.518e+04	3.277e+05
224	1	7.993e+04	6803.41	-0.03	-1520.04	0.0	-888.34	985.17	27.41	-3024.64	-5424.70	-6.228e+04
		-6.228e+04	-5424.70	1.97e-03	0.0	446.0	-190.32	-534.87	27.41	-3024.64	6803.41	3.814e+04
224	2	3.330e+05	2.347e+04	-0.13	-5764.37	0.0	-4744.84	3883.91	88.83	-1.114e+04	-1.615e+04	-1.938e+05
		-1.938e+05	-1.615e+04	-5.68e-03	0.0	446.0	-2097.75	-1880.46	88.83	-1.114e+04	2.347e+04	1.741e+05
224	3	-41.57	206.37	-5.08e-04	0.0	0.0	-115.61	-0.71	-0.84	191.60	206.37	-41.57
		-356.57	-169.86	-5.92e-05	0.0	446.0	-115.61	-0.71	-0.84	191.60	-169.86	-356.57
224	4	1.736e+04	-111.06	-3.48e-03	0.0	0.0	-192.00	-40.52	-0.04	25.98	-111.06	1.736e+04
		-716.60	-130.70	6.41e-05	0.0	446.0	-192.00	-40.52	-0.04	25.98	-130.70	-716.60
224	5	4.790e+04	889.35	-9.05e-03	0.0	0.0	-281.28	-107.78	-4.80	-429.74	889.35	4.790e+04
		-177.14	-1249.77	-9.20e-04	0.0	446.0	-281.28	-107.78	-4.80	-429.74	-1249.77	-177.14
224	6	-1.002e+05	1.398e+05	0.09	0.0	0.0	-1237.46	-191.31	-436.01	1.090e+05	1.398e+05	-1.002e+05
		-1.094e+05	-5.474e+04	0.20	0.0	446.0	-1237.46	-191.31	-436.01	1.090e+05	-5.474e+04	-1.094e+05
224	7	-1.397e+05	1.060e+05	0.13	0.0	0.0	-1887.94	90.90	-330.53	9.203e+04	1.060e+05	-1.757e+05
		-1.757e+05	-4.141e+04	-0.11	0.0	446.0	-1887.94	90.90	-330.53	9.203e+04	-4.141e+04	-1.397e+05
224	8	-1.401e+05	3.560e+04	0.17	0.0	0.0	-5470.88	700.06	-105.49	-2.016e+04	3.560e+04	-4.519e+05
		-4.519e+05	-1.150e+04	0.35	0.0	446.0	-5470.88	700.06	-105.49	-2.016e+04	-1.150e+04	-4.519e+05
224	9	-1.822e+05	1.277e+04	0.27	0.0	0.0	-7518.60	1142.01	-116.73	-2.544e+04	-3.930e+04	-6.881e+05
		-6.881e+05	-3.930e+04	-0.28	0.0	446.0	-7518.60	1142.01	-116.73	-2.544e+04	1.277e+04	-1.822e+05
224	10	-5.780e+04	7.446e+04	0.05	0.0	0.0	-717.05	-107.05	-232.26	5.808e+04	7.446e+04	-5.780e+04
		-5.904e+04	-2.915e+04	0.10	0.0	446.0	-717.05	-107.05	-232.26	5.808e+04	-2.915e+04	-5.904e+04
224	11	-7.477e+04	5.642e+04	0.07	0.0	0.0	-1015.17	48.97	-175.90	4.899e+04	5.642e+04	-9.356e+04
		-9.356e+04	-2.204e+04	-0.06	0.0	446.0	-1015.17	48.97	-175.90	4.899e+04	-2.204e+04	-7.477e+04
224	12	-7.650e+04	2.013e+04	0.09	0.0	0.0	-2996.11	382.49	-59.71	-1.152e+04	2.013e+04	-2.468e+05
		-2.468e+05	-6529.39	0.19	0.0	446.0	-2996.11	382.49	-59.71	-1.152e+04	-6529.39	-7.650e+04
224	13	-9.753e+04	6948.83	0.14	0.0	0.0	-3990.41	605.60	63.54	-1.374e+04	-2.140e+04	-3.652e+05
		-3.652e+05	-2.140e+04	-0.15	0.0	446.0	-3990.41	605.60	63.54	-1.374e+04	6948.83	-9.753e+04
224	14	-4.337e+04	5.583e+04	0.04	0.0	0.0	-539.23	-80.37	-174.15	4.355e+04	5.583e+04	-4.337e+04
		-4.432e+04	-2.186e+04	0.08	0.0	446.0	-539.23	-80.37	-174.15	4.355e+04	-2.186e+04	-4.432e+04
224	15	-5.607e+04	4.225e+04	0.05	0.0	0.0	-761.92	36.77	-131.73	3.669e+04	4.225e+04	-5.607e+04
		-7.008e+04	-1.650e+04	-0.04	0.0	446.0	-761.92	36.77	-131.73	3.669e+04	-1.650e+04	-7.008e+04
224	16	-5.740e+04	1.511e+04	0.07	0.0	0.0	-2247.74	286.93	-44.83	-8646.18	1.511e+04	-1.852e+05
		-1.852e+05	-4901.67	0.15	0.0	446.0	-2247.74	286.93	-44.83	-8646.18	-4901.67	-5.740e+04
224	17	-7.337e+04	5214.13	0.11	0.0	0.0	-2994.30	454.30	47.68	-1.031e+04	-1.606e+04	-2.740e+05
		-2.740e+05	-1.606e+04	-0.12	0.0	446.0	-2994.30	454.30	47.68	-1.031e+04	5214.13	-7.337e+04
225	1	8.016e+04	6428.59	0.03	-1522.07	0.0	-26.24	531.70	-25.76	3150.79	6428.59	3.892e+04
		-6.349e+04	-5072.58	-1.96e-03	0.0	446.6	-724.47	-990.36	-25.76	3150.79	-5072.58	-6.349e+04
225	2	3.327e+05	2.163e+04	0.10	-5773.77	0.0	-1453.20	1872.77	-80.29	1.137e+04	2.163e+04	1.751e+05
		-1.985e+05	-1.422e+04	-3.33e-03	0.0	446.6	-4101.86	-3901.00	-80.29	1.137e+04	-1.422e+04	-1.985e+05
225	3	-496.01	516.36	4.10e-04	0.0	0.0	10.08	-1.60	2.31	-43.78	-517.40	-496.01
		-1208.83	-517.40	-3.24e-04	0.0	446.6	10.08	-1.60	2.31	-43.78	516.36	-1208.83
225	4	1.562e+04	378.29	2.26e-03	0.0	0.0	3.93	36.97	2.36	200.32	-673.79	-886.84
		-886.84	-673.79	-5.33e-04	0.0	446.6	3.93	36.97	2.36	200.32	378.29	1.562e+04
225	5	4.757e+04	917.99	5.54e-03	0.0	0.0	-269.72	106.30	5.00	546.10	-1312.87	98.66
		98.66	-1312.87	6.74e-04	0.0	446.6	-269.72	106.30	5.00	546.10	917.99	4.757e+04
225	6	9.971e+04	5.167e+04	0.09	0.0	0.0	-1456.06	-206.95	-423.88	1.059e+05	5.167e+04	9.563e+04
		9.563e+04	-1.376e+05	0.20	0.0	446.6	-1456.06	-206.95	-423.88	1.059e+05	-1.376e+05	9.971e+04
225	7	1.622e+05	3.938e+04	0.12	0.0	0.0	1451.92	90.66	-322.99	8.935e+04	3.938e+04	1.267e+05
		1.267e+05	-1.049e+05	-0.11	0.0	446.6	1451.92	90.66	-322.99	8.935e+04	-1.049e+05	1.622e+05
225	8	-1.879e+05	1.289e+04	-0.25	0.0	0.0	-7141.27	-1134.70	-124.87	2.696e+04	1.289e+04	-1.879e+05
		-6.909e+05	-4.292e+04	0.31	0.0	446.6	-7141.27	-1134.70	-124.87	2.696e+04	-4.292e+04	-6.909e+05
225	9	-1.538e+05	2.925e+04	-0.17	0.0	0.0	-5237.24	-727.10	86.31	1.538e+04	-9304.30	-1.538e+05
		-4.756e+05	-9304.30	-0.33	0.0	446.6	-5237.24	-727.10	86.31	1.538e+04	2.925e+04	-4.756e+05
225	10	5.743e+04	2.752e+04	0.05	0.0	0.0	-823.29	-115.19	-225.84	5.641e+04	2.752e+04	5.177e+04
		5.177e+04	-7.334e+04	0.11	0.0	446.6	-823.29	-115.19	-225.84	5.641e+04	-7.334e+04	5.743e+04
225	11	8.636e+04	2.095e+04	0.06	0.0	0.0	788.27	48.95	-171.89	4.757e+04	2.095e+04	6.791e+04
		6.791e+04	-5.581e+04	-0.06	0.0	446.6	788.27	48.95	-171.89	4.757e+04	-5.581e+04	8.636e+04
225	12	-1.007e+05	7099.19	-0.13	0.0	0.0	-3790.89	-602.03	-68.55	1.467e+04	7099.19	-1.007e+05
		-3.669e+05	-2.354e+04	0.17	0.0	446.6	-3790.89	-602.03	-68.55	1.467e+04	-2.354e+04	-3.669e+05

225	13	-8.370e+04	1.648e+04	-0.09	0.0	0.0	-2846.39	-394.07	48.59	8825.93	-5223.06	-8.370e+04
		-2.577e+05	-5223.06	-0.18	0.0	446.6	-2846.39	-394.07	48.59	8825.93	1.648e+04	-2.577e+05
225	14	4.310e+04	2.063e+04	0.04	0.0	0.0	-618.97	-86.51	-169.34	4.230e+04	2.063e+04	3.888e+04
		3.888e+04	-5.499e+04	0.08	0.0	446.6	-618.97	-86.51	-169.34	4.230e+04	-5.499e+04	4.310e+04
225	15	6.469e+04	1.238e+04	0.05	0.0	0.0	592.92	36.78	-128.73	3.563e+04	1.569e+04	5.094e+04
		5.094e+04	-4.179e+04	-0.04	0.0	446.6	592.92	36.78	-128.73	3.563e+04	-4.179e+04	6.469e+04
225	16	-7.572e+04	5325.38	-0.10	0.0	0.0	-2843.89	-451.54	-51.43	1.101e+04	5325.38	-7.572e+04
		-2.753e+05	-1.766e+04	0.13	0.0	446.6	-2843.89	-451.54	-51.43	1.101e+04	-1.766e+04	-2.753e+05
225	17	-6.293e+04	1.238e+04	-0.07	0.0	0.0	-2135.73	-295.64	36.49	6629.61	-3922.89	-6.293e+04
		-1.934e+05	-3922.89	-0.13	0.0	446.6	-2135.73	-295.64	36.49	6629.61	1.238e+04	-1.934e+05
226	1	4.748e+04	2040.24	8.26e-03	-1514.78	0.0	-2862.77	649.06	52.64	2.487e+04	-2.146e+04	-1.457e+04
		-6.293e+04	-2.146e+04	0.01	0.0	446.4	-3575.27	-865.71	52.64	2.487e+04	2040.24	-6.293e+04
226	2	1.765e+05	-1727.62	0.02	-5728.45	0.0	-7144.71	3482.18	-26.06	1.049e+04	-1727.62	-3.489e+05
		-3.489e+05	-1.336e+04	0.01	0.0	446.4	-9839.19	-2246.27	-26.06	1.049e+04	-1.336e+04	4882.11
226	3	452.80	263.98	5.22e-04	0.0	0.0	-92.06	-2.47	-0.37	-482.88	263.98	452.80
		-651.45	99.30	-1.53e-04	0.0	446.4	-92.06	-2.47	-0.37	-482.88	99.30	-651.45
226	4	1.460e+04	142.22	1.53e-03	0.0	0.0	-226.59	58.38	-1.02	-176.61	142.22	-1.146e+04
		-1.146e+04	-311.06	4.05e-04	0.0	446.4	-226.59	58.38	-1.02	-176.61	-311.06	1.460e+04
226	5	5286.85	1476.65	3.94e-04	0.0	0.0	115.11	-26.82	5.93	-844.96	-1170.86	5286.85
		-6687.61	-1170.86	3.60e-04	0.0	446.4	115.11	-26.82	5.93	-844.96	1476.65	-6687.61
226	6	3.530e+05	-2.229e+04	0.06	0.0	0.0	2180.01	822.99	-175.35	1.452e+05	-2.229e+04	1.957e+04
		1.957e+04	-1.001e+05	0.16	0.0	446.4	2180.01	822.99	-175.35	1.452e+05	-1.001e+05	3.530e+05
226	7	2.386e+05	-2.944e+04	0.04	0.0	0.0	-2807.80	532.71	-91.54	1.247e+05	-2.944e+04	5231.95
		5231.95	-7.019e+04	-0.15	0.0	446.4	-2807.80	532.71	-91.54	1.247e+05	-7.019e+04	2.386e+05
226	8	1.661e+05	5915.55	-0.10	0.0	0.0	-2.182e+04	-2009.53	-95.93	3.358e+04	5915.55	1.661e+05
		-7.311e+05	-3.918e+04	0.31	0.0	446.4	-2.182e+04	-2009.53	-95.93	3.358e+04	-3.918e+04	-7.311e+05
226	9	2.134e+05	1.232e+04	-0.11	0.0	0.0	-2.505e+04	-2584.27	-79.05	1.864e+04	1.232e+04	2.134e+05
		-9.403e+05	-2.544e+04	-0.30	0.0	446.4	-2.505e+04	-2584.27	-79.05	1.864e+04	-2.544e+04	-9.403e+05
226	10	1.886e+05	-1.187e+04	0.03	0.0	0.0	1237.80	440.46	-93.63	7.733e+04	-1.187e+04	1.111e+04
		1.111e+04	-5.335e+04	0.09	0.0	446.4	1237.80	440.46	-93.63	7.733e+04	-5.335e+04	1.886e+05
226	11	1.270e+05	-1.566e+04	0.02	0.0	0.0	-1497.73	283.78	-48.83	6.635e+04	-1.566e+04	2893.99
		2893.99	-3.738e+04	-0.08	0.0	446.4	-1497.73	283.78	-48.83	6.635e+04	-3.738e+04	1.270e+05
226	12	8.954e+04	3275.20	-0.06	0.0	0.0	-1.176e+04	-1085.72	-51.42	1.826e+04	3275.20	8.954e+04
		-3.952e+05	-2.104e+04	0.17	0.0	446.4	-1.176e+04	-1085.72	-51.42	1.826e+04	-2.104e+04	-3.952e+05
226	13	1.135e+05	6654.06	-0.06	0.0	0.0	-1.333e+04	-1374.19	-44.51	1.076e+04	6654.06	1.135e+05
		-5.000e+05	-1.462e+04	-0.17	0.0	446.4	-1.333e+04	-1374.19	-44.51	1.076e+04	-1.462e+04	-5.000e+05
226	14	1.415e+05	-8898.55	0.02	0.0	0.0	929.36	330.40	-70.23	5.798e+04	-8898.55	8354.20
		8354.20	-4.001e+04	0.06	0.0	446.4	929.36	330.40	-70.23	5.798e+04	-4.001e+04	1.415e+05
226	15	9.516e+04	-1.173e+04	0.01	0.0	0.0	-1122.17	212.57	-36.59	4.969e+04	-1.173e+04	2189.45
		2189.45	-2.800e+04	-0.06	0.0	446.4	-1122.17	212.57	-36.59	4.969e+04	-2.800e+04	9.516e+04
226	16	6.717e+04	2471.14	-0.04	0.0	0.0	-8825.58	-814.52	-38.66	1.370e+04	2471.14	6.717e+04
		-2.965e+05	-1.580e+04	0.13	0.0	446.4	-8825.58	-814.52	-38.66	1.370e+04	-1.580e+04	-2.965e+05
226	17	8.519e+04	5010.74	-0.04	0.0	0.0	-1.001e+04	-1031.36	-33.51	8083.20	5010.74	8.519e+04
		-3.752e+05	-1.100e+04	-0.13	0.0	446.4	-1.001e+04	-1031.36	-33.51	8083.20	-1.100e+04	-3.752e+05
227	1	5.394e+04	2317.55	-0.02	-1514.58	0.0	-3613.76	914.84	-52.43	-2.419e+04	2317.55	-6.923e+04
		-6.923e+04	-2.108e+04	-5.74e-03	0.0	446.3	-2901.26	-599.74	-52.43	-2.419e+04	-2.108e+04	1087.71
227	2	1.827e+05	-3222.27	-0.04	-5720.79	0.0	-1.093e+04	2236.84	18.76	-1.082e+04	-1.053e+04	1.259e+04
		-3.439e+05	-1.159e+04	-0.01	0.0	446.3	-8242.39	-3483.95	18.76	-1.082e+04	-3222.27	-3.439e+05
227	3	2499.62	215.73	-1.32e-03	0.0	0.0	-296.57	-8.90	-1.65	-367.75	215.73	2499.62
		-1472.54	-521.31	8.64e-05	0.0	446.3	-296.57	-8.90	-1.65	-367.75	-521.31	-1472.54
227	4	1.939e+04	-176.51	-2.90e-03	0.0	0.0	-556.44	-74.76	-1.62	-960.89	-176.51	1.939e+04
		-1.397e+04	-898.23	-5.80e-04	0.0	446.3	-556.44	-74.76	-1.62	-960.89	-898.23	-1.397e+04
227	5	7716.81	1387.86	-6.83e-04	0.0	0.0	55.19	35.48	-6.01	726.89	1387.86	-8118.21
		-8118.21	-1293.63	-6.13e-04	0.0	446.3	55.19	35.48	-6.01	726.89	-1293.63	7716.81
227	6	7.788e+04	1.083e+05	0.08	0.0	0.0	2673.29	1148.40	-219.68	1.400e+05	1.083e+05	-4.350e+05
		-4.350e+05	1.098e+04	0.17	0.0	446.3	2673.29	1148.40	-219.68	1.400e+05	1.098e+04	7.788e+04
227	7	5.424e+04	7.630e+04	0.03	0.0	0.0	5469.61	805.13	-125.12	1.210e+05	7.630e+04	-3.052e+05
		-3.052e+05	2.051e+04	-0.18	0.0	446.3	5469.61	805.13	-125.12	1.210e+05	2.051e+04	5.424e+04
227	8	2.358e+05	-1.053e+04	0.15	0.0	0.0	-2.456e+04	2629.77	62.15	-2.404e+04	-2.423e+04	-9.381e+05
		-9.381e+05	-2.423e+04	0.34	0.0	446.3	-2.456e+04	2629.77	62.15	-2.404e+04	-1.053e+04	2.358e+05
227	9	1.892e+05	-1.354e+04	0.13	0.0	0.0	-2.278e+04	2130.15	46.67	-3.748e+04	-2.833e+04	-7.616e+05
		-7.616e+05	-2.833e+04	-0.28	0.0	446.3	-2.278e+04	2130.15	46.67	-3.748e+04	-1.354e+04	1.892e+05
227	10	4.181e+04	5.769e+04	0.04	0.0	0.0	1498.90	613.91	-117.14	7.456e+04	5.769e+04	-2.324e+05
		-2.324e+05	5889.29	0.09	0.0	446.3	1498.90	613.91	-117.14	7.456e+04	5889.29	4.181e+04
227	11	2.896e+04	4.063e+04	0.02	0.0	0.0	2912.76	428.94	-66.66	6.439e+04	4.063e+04	-1.626e+05
		-1.626e+05	1.091e+04	-0.09	0.0	446.3	2912.76	428.94	-66.66	6.439e+04	1.091e+04	2.896e+04
227	12	1.255e+05	-5591.31	0.08	0.0	0.0	-1.308e+04	1399.42	35.56	-1.387e+04	-1.412e+04	-4.992e+05
		-4.992e+05	-1.412e+04	0.19	0.0	446.3	-1.308e+04	1399.42	35.56	-1.387e+04	-5591.31	1.255e+05
227	13	1.018e+05	-7256.69	0.07	0.0	0.0	-1.224e+04	1147.29	26.54	-2.001e+04	-1.538e+04	-4.103e+05
		-4.103e+05	-1.538e+04	-0.15	0.0	446.3	-1.224e+04	1147.29	26.54	-2.001e+04	-7256.69	1.018e+05
227	14	3.138e+04	4.326e+04	0.03	0.0	0.0	1126.24	460.51	-87.84	5.591e+04	4.326e+04	-1.743e+05
		-1.743e+05	4416.67	0.07	0.0	446.3	1126.24	460.51	-87.84	5.591e+04	4416.67	3.138e+04
227	15	2.170e+04	3.043e+04	0.01	0.0	0.0	2181.93	321.28	-49.93	4.822e+04	3.043e+04	-1.218e+05
		-1.218e+05	8172.52	-0.07	0.0	446.3	2181.93	321.28	-49.93	4.822e+04	8172.52	2.170e+04
227	16	9.418e+04	-4194.67	0.06	0.0	0.0	-9819.30	1050.18	26.68	-1.041e+04	-1.060e+04	-3.746e+05
		-3.746e+05	-1.060e+04	0.14	0.0	446.3	-9819.30	1050.18	26.68	-1.041e+04	-4194.67	9.418e+04

227	17	7.643e+04	-5445.31	0.05	0.0	0.0	-9186.60	861.10	19.99	-1.502e+04	-1.155e+04	-3.079e+05
		-3.079e+05	-1.155e+04	-0.12	0.0	446.3	-9186.60	861.10	19.99	-1.502e+04	-5445.31	7.643e+04
236	1	1.838e+04	7133.76	6.57e-03	-601.18	0.0	3115.33	-247.24	85.75	3292.05	-7211.35	1.838e+04
		-7.327e+04	-7211.35	-3.44e-03	0.0	167.3	2935.98	-848.41	85.75	3292.05	7133.76	-7.327e+04
236	2	5.698e+04	1.140e+04	0.02	0.0	0.0	2871.88	-1133.45	163.45	-960.15	-1.594e+04	5.698e+04
		-1.326e+05	-1.594e+04	-8.30e-03	0.0	167.3	2871.88	-1133.45	163.45	-960.15	1.140e+04	-1.326e+05
236	3	348.81	350.87	1.43e-04	0.0	0.0	-50.93	1.38	-5.64	134.61	350.87	117.94
		117.94	-593.50	4.83e-05	0.0	167.3	-50.93	1.38	-5.64	134.61	-593.50	348.81
236	4	2372.25	640.59	1.70e-04	0.0	0.0	-154.03	24.62	-10.29	-110.74	640.59	-1745.94
		-1745.94	-1080.11	7.30e-05	0.0	167.3	-154.03	24.62	-10.29	-110.74	-1080.11	2372.25
236	5	8670.99	690.03	-4.26e-04	0.0	0.0	88.04	39.11	-7.24	-128.70	690.03	2128.28
		2128.28	-521.23	2.23e-04	0.0	167.3	88.04	39.11	-7.24	-128.70	-521.23	8670.99
236	6	3.198e+04	9.745e+04	0.02	0.0	0.0	8084.08	-669.41	-1128.30	-5.077e+04	9.745e+04	3.198e+04
		-8.231e+04	-9.141e+04	0.19	0.0	167.3	8084.08	-669.41	-1128.30	-5.077e+04	-9.141e+04	-8.231e+04
236	7	4.651e+04	1.084e+05	0.02	0.0	0.0	1.334e+04	-679.44	-1237.67	-5.813e+04	1.084e+05	4.651e+04
		-6.738e+04	-9.864e+04	0.10	0.0	167.3	1.334e+04	-679.44	-1237.67	-5.813e+04	-9.864e+04	-6.738e+04
236	8	8.259e+04	3.071e+04	0.01	0.0	0.0	2.438e+04	128.96	423.27	2.083e+04	-4.034e+04	6.627e+04
		6.627e+04	-4.034e+04	0.11	0.0	167.3	2.438e+04	128.96	423.27	2.083e+04	3.071e+04	8.259e+04
236	9	9.692e+04	2.540e+04	0.01	0.0	0.0	3.090e+04	-140.81	-242.30	7528.06	2.540e+04	9.692e+04
		8.160e+04	-1.517e+04	-0.11	0.0	167.3	3.090e+04	-140.81	-242.30	7528.06	-1.517e+04	8.160e+04
236	10	1.736e+04	5.224e+04	8.36e-03	0.0	0.0	4393.43	-357.61	-604.21	-2.716e+04	5.224e+04	1.736e+04
		-4.393e+04	-4.890e+04	0.10	0.0	167.3	4393.43	-357.61	-604.21	-2.716e+04	-4.890e+04	-4.393e+04
236	11	2.481e+04	5.786e+04	0.01	0.0	0.0	7123.70	-363.50	-660.74	-3.097e+04	5.786e+04	2.481e+04
		-3.615e+04	-5.268e+04	0.05	0.0	167.3	7123.70	-363.50	-660.74	-3.097e+04	-5.268e+04	-3.615e+04
236	12	4.478e+04	1.637e+04	6.81e-03	0.0	0.0	1.320e+04	70.59	226.22	1.112e+04	-2.163e+04	3.614e+04
		3.614e+04	-2.163e+04	0.06	0.0	167.3	1.320e+04	70.59	226.22	1.112e+04	-2.163e+04	3.614e+04
236	13	5.159e+04	1.381e+04	6.51e-03	0.0	0.0	1.645e+04	-79.86	-131.77	4354.42	1.381e+04	5.159e+04
		4.355e+04	-8253.77	-0.06	0.0	167.3	1.645e+04	-79.86	-131.77	4354.42	-8253.77	4.355e+04
236	14	1.302e+04	3.918e+04	6.27e-03	0.0	0.0	3297.15	-268.27	-453.20	-2.037e+04	3.918e+04	1.302e+04
		-3.296e+04	-3.668e+04	0.07	0.0	167.3	3297.15	-268.27	-453.20	-2.037e+04	-3.668e+04	-3.296e+04
236	15	1.859e+04	4.336e+04	8.31e-03	0.0	0.0	5338.84	-272.53	-495.16	-2.320e+04	4.336e+04	1.859e+04
		-2.712e+04	-3.948e+04	0.04	0.0	167.3	5338.84	-272.53	-495.16	-2.320e+04	-3.948e+04	-2.712e+04
236	16	3.362e+04	1.229e+04	5.11e-03	0.0	0.0	9901.80	53.36	169.76	8342.29	-1.623e+04	2.712e+04
		2.712e+04	-1.623e+04	0.05	0.0	167.3	9901.80	53.36	169.76	8342.29	1.229e+04	3.362e+04
236	17	3.875e+04	1.040e+04	4.89e-03	0.0	0.0	1.235e+04	-60.87	-99.23	3270.18	1.040e+04	3.875e+04
		3.271e+04	-6219.85	-0.04	0.0	167.3	1.235e+04	-60.87	-99.23	3270.18	-6219.85	3.271e+04
237	1	1.824e+04	7130.81	-6.55e-03	-601.18	0.0	2824.16	849.09	-85.09	-3270.15	7130.81	-7.352e+04
		-7.352e+04	-7104.03	3.30e-03	0.0	167.3	3003.50	247.92	-85.09	-3270.15	-7104.03	1.824e+04
237	2	5.673e+04	1.210e+04	-0.02	0.0	0.0	2566.56	1130.47	-168.81	1291.05	-1.210e+04	-1.324e+05
		-1.324e+05	-1.614e+04	7.76e-03	0.0	167.3	2566.56	1130.47	-168.81	1291.05	-1.614e+04	5.673e+04
237	3	602.55	445.36	-1.34e-04	0.0	0.0	-96.59	-2.74	5.86	69.50	-535.69	602.55
		144.65	-535.69	-2.40e-04	0.0	167.3	-96.59	-2.74	5.86	69.50	445.36	144.65
237	4	2753.57	738.26	-1.54e-04	0.0	0.0	-229.03	-26.75	10.11	403.56	-953.82	2753.57
		-1721.21	-953.82	-3.44e-04	0.0	167.3	-229.03	-26.75	10.11	403.56	738.26	-1721.21
237	5	8645.21	669.17	3.56e-04	0.0	0.0	69.62	-39.14	6.98	127.74	-498.05	8645.21
		2097.35	-498.05	-3.34e-04	0.0	167.3	69.62	-39.14	6.98	127.74	669.17	2097.35
237	6	7.756e+04	9.407e+04	0.01	0.0	0.0	-6153.62	-622.01	-1205.49	-5.159e+04	9.407e+04	7.756e+04
		-3.008e+04	-1.077e+05	0.20	0.0	167.3	-6153.62	-622.01	-1205.49	-5.159e+04	-1.077e+05	-3.008e+04
237	7	5.929e+04	9.932e+04	0.02	0.0	0.0	-1.114e+04	-622.42	-1306.80	-5.919e+04	9.932e+04	5.929e+04
		-4.501e+04	-1.193e+05	0.11	0.0	167.3	-1.114e+04	-622.42	-1306.80	-5.919e+04	-1.193e+05	-4.501e+04
237	8	9.747e+04	3.421e+04	-0.01	0.0	0.0	3.066e+04	156.32	328.62	-1.054e+04	-2.092e+04	8.142e+04
		8.142e+04	-2.092e+04	0.11	0.0	167.3	3.066e+04	156.32	328.62	-1.054e+04	3.421e+04	9.747e+04
237	9	8.126e+04	2.829e+04	-0.01	0.0	0.0	2.574e+04	-89.26	-407.91	-1.844e+04	2.829e+04	8.126e+04
		6.978e+04	-4.014e+04	-0.10	0.0	167.3	2.574e+04	-89.26	-407.91	-1.844e+04	-4.014e+04	6.978e+04
237	10	4.140e+04	5.034e+04	6.77e-03	0.0	0.0	-3368.86	-332.05	-645.77	-2.760e+04	5.034e+04	4.140e+04
		-1.636e+04	-5.776e+04	0.11	0.0	167.3	-3368.86	-332.05	-645.77	-2.760e+04	-5.776e+04	-1.636e+04
237	11	3.179e+04	5.306e+04	0.01	0.0	0.0	-5950.68	-332.89	-697.81	-3.154e+04	5.306e+04	3.179e+04
		-2.401e+04	-6.368e+04	0.06	0.0	167.3	-5950.68	-332.89	-697.81	-3.154e+04	-6.368e+04	-2.401e+04
237	12	5.191e+04	1.863e+04	-6.71e-03	0.0	0.0	1.634e+04	88.38	178.64	-5951.36	-1.135e+04	4.342e+04
		4.342e+04	-1.135e+04	0.06	0.0	167.3	1.634e+04	88.38	178.64	-5951.36	1.863e+04	5.191e+04
237	13	4.400e+04	1.509e+04	-7.00e-03	0.0	0.0	1.387e+04	-49.83	-218.18	-9832.44	1.509e+04	4.400e+04
		3.786e+04	-2.154e+04	-0.05	0.0	167.3	1.387e+04	-49.83	-218.18	-9832.44	-2.154e+04	3.786e+04
237	14	3.106e+04	3.776e+04	5.07e-03	0.0	0.0	-2529.47	-249.07	-484.37	-2.070e+04	3.776e+04	3.106e+04
		-1.228e+04	-4.332e+04	0.08	0.0	167.3	-2529.47	-249.07	-484.37	-2.070e+04	-4.332e+04	-1.228e+04
237	15	2.385e+04	3.977e+04	9.47e-03	0.0	0.0	-4460.73	-249.57	-522.97	-2.362e+04	3.977e+04	2.385e+04
		-1.799e+04	-4.772e+04	0.04	0.0	167.3	-4460.73	-249.57	-522.97	-2.362e+04	-4.772e+04	-1.799e+04
237	16	3.897e+04	1.401e+04	-5.04e-03	0.0	0.0	1.227e+04	67.29	134.43	-4469.83	-8546.61	3.261e+04
		3.261e+04	-8546.61	0.05	0.0	167.3	1.227e+04	67.29	134.43	-4469.83	1.401e+04	3.897e+04
237	17	3.305e+04	1.133e+04	-5.25e-03	0.0	0.0	1.042e+04	-37.80	-163.83	-7379.63	1.133e+04	3.305e+04
		2.843e+04	-1.617e+04	-0.04	0.0	167.3	1.042e+04	-37.80	-163.83	-7379.63	-1.617e+04	2.843e+04
242	1	1.701e+04	1.162e+04	7.53e-03	-1166.77	0.0	128.03	460.50	26.70	3360.10	692.77	-2.009e+04
		-7.039e+04	692.77	-3.12e-03	0.0	409.3	1125.08	-706.27	26.70	3360.10	1.162e+04	-7.039e+04
242	2	1.201e+05	4.522e+04	-0.02	-6249.38	0.0	-3334.90	2595.70	53.22	2.839e+04	2.344e+04	-9.159e+04
		-3.300e+05	2.344e+04	-0.03	0.0	409.3	2005.44	-3653.68	53.22	2.839e+04	4.522e+04	-3.300e+05
242	3	1306.18	-186.60	3.09e-04	0.0	0.0	-48.53	-4.51	2.34	-666.24	-1142.65	1306.18
		-539.70	-1142.65	4.17e-04	0.0	409.3	-48.53	-4.51	2.34	-666.24	-186.60	-539.70

242	4	7609.83	5443.74	4.82e-04	0.0	0.0	-128.44	-28.69	-19.33	1354.90	5443.74	7609.83
		-4132.47	-2466.23	-1.17e-03	0.0	409.3	-128.44	-28.69	-19.33	1354.90	-2466.23	-4132.47
242	5	2.226e+04	3.323e+04	-1.23e-03	0.0	0.0	-203.06	-77.75	-104.22	1.166e+04	3.323e+04	2.226e+04
		-9565.54	-9420.36	-7.76e-03	0.0	409.3	-203.06	-77.75	-104.22	1.166e+04	-9420.36	-9565.54
242	6	1.187e+05	-8.394e+04	0.05	0.0	0.0	1150.09	1445.49	39.80	-7.546e+04	-8.394e+04	-4.734e+05
		-4.734e+05	-8.677e+04	0.26	0.0	409.3	1150.09	1445.49	39.80	-7.546e+04	-8.394e+04	1.187e+05
242	7	6.242e+04	-7.430e+04	0.01	0.0	0.0	722.44	543.88	69.91	-8.123e+04	-1.024e+05	-1.607e+05
		-1.607e+05	-1.024e+05	0.06	0.0	409.3	722.44	543.88	69.91	-8.123e+04	-7.430e+04	6.242e+04
242	8	7.948e+05	-1.682e+04	-0.08	0.0	0.0	-1321.58	-2280.72	65.61	-3.259e+04	-3.040e+04	7.948e+05
		-1.394e+05	-3.040e+04	0.21	0.0	409.3	-1321.58	-2280.72	65.61	-3.259e+04	-1.682e+04	-1.394e+05
242	9	1.260e+06	-8035.31	-0.15	0.0	0.0	-1883.12	-3653.39	133.69	-4.398e+04	-5.422e+04	1.260e+06
		-2.360e+05	-5.422e+04	-0.24	0.0	409.3	-1883.12	-3653.39	133.69	-4.398e+04	-8035.31	-2.360e+05
242	10	6.371e+04	-4.471e+04	0.02	0.0	0.0	613.04	778.98	23.35	-4.031e+04	-4.645e+04	-2.555e+05
		-2.555e+05	-4.645e+04	0.14	0.0	409.3	613.04	778.98	23.35	-4.031e+04	-4.471e+04	6.371e+04
242	11	3.347e+04	-3.956e+04	7.06e-03	0.0	0.0	384.52	290.43	37.64	-4.329e+04	-5.463e+04	-8.577e+04
		-8.577e+04	-5.463e+04	0.03	0.0	409.3	384.52	290.43	37.64	-4.329e+04	-3.956e+04	3.347e+04
242	12	4.391e+05	-9057.78	-0.05	0.0	0.0	-721.83	-1261.31	38.51	-1.764e+04	-1.700e+04	4.391e+05
		-7.762e+04	-1.700e+04	0.12	0.0	409.3	-721.83	-1261.31	38.51	-1.764e+04	-9057.78	-7.762e+04
242	13	6.689e+05	-4694.26	-0.08	0.0	0.0	-1002.49	-1939.47	71.30	-2.341e+04	-2.890e+04	6.689e+05
		-1.255e+05	-2.890e+04	-0.13	0.0	409.3	-1002.49	-1939.47	71.30	-2.341e+04	-4694.26	-1.255e+05
242	14	4.778e+04	-3.352e+04	0.02	0.0	0.0	459.67	584.15	17.59	-3.024e+04	-3.485e+04	-1.916e+05
		-1.916e+05	-3.485e+04	0.10	0.0	409.3	459.67	584.15	17.59	-3.024e+04	-3.352e+04	4.778e+04
242	15	2.510e+04	-2.963e+04	5.29e-03	0.0	0.0	287.98	217.65	28.26	-3.243e+04	-4.093e+04	-6.426e+04
		-6.426e+04	-4.093e+04	0.02	0.0	409.3	287.98	217.65	28.26	-3.243e+04	-2.963e+04	2.510e+04
242	16	3.294e+05	-6796.65	-0.03	0.0	0.0	-542.15	-946.49	29.03	-1.324e+04	-1.279e+04	3.294e+05
		-5.828e+04	-1.279e+04	0.09	0.0	409.3	-542.15	-946.49	29.03	-1.324e+04	-6796.65	-5.828e+04
242	17	5.020e+05	-3528.09	-0.06	0.0	0.0	-752.92	-1455.47	53.56	-1.758e+04	-2.172e+04	5.020e+05
		-9.423e+04	-2.172e+04	-0.10	0.0	409.3	-752.92	-1455.47	53.56	-1.758e+04	-3528.09	-9.423e+04
243	1	1.563e+04	1.067e+04	-6.67e-03	-1164.86	0.0	1220.00	692.29	-18.10	-4381.88	1.067e+04	-6.826e+04
		-6.826e+04	3264.64	-5.20e-03	0.0	408.9	222.95	-472.57	-18.10	-4381.88	3264.64	-2.334e+04
243	2	1.150e+05	4.134e+04	-0.01	-6238.83	0.0	2542.74	3597.17	-13.65	-3.351e+04	4.134e+04	-3.218e+05
		-3.218e+05	3.576e+04	-0.02	0.0	408.9	-2797.33	-2641.66	-13.65	-3.351e+04	3.576e+04	-1.045e+05
243	3	1538.24	2828.92	-2.36e-04	0.0	0.0	93.20	-10.20	8.76	-1222.49	-754.79	1538.24
		-2633.81	-754.79	6.16e-04	0.0	408.9	93.20	-10.20	8.76	-1222.49	2828.92	-2633.81
243	4	1600.38	1.164e+04	-3.44e-04	0.0	0.0	87.31	6.21	36.84	-4252.08	-3424.58	-940.43
		-940.43	-3424.58	-2.00e-03	0.0	408.9	87.31	6.21	36.84	-4252.08	1.164e+04	1600.38
243	5	2.156e+04	3.541e+04	-2.22e-03	0.0	0.0	-201.94	74.78	110.61	-1.253e+04	-9813.56	-9015.95
		-9015.95	-9813.56	-8.82e-03	0.0	408.9	-201.94	74.78	110.61	-1.253e+04	3.541e+04	2.156e+04
243	6	5.312e+05	8.793e+04	-0.04	0.0	0.0	-2236.31	1623.88	60.90	-6.734e+04	8.793e+04	5.312e+05
		-1.333e+05	8.792e+04	0.24	0.0	408.9	-2236.31	1623.88	60.90	-6.734e+04	8.793e+04	5.312e+05
243	7	2.095e+05	1.020e+05	-0.02	0.0	0.0	-1764.45	698.36	97.99	-7.367e+04	6.265e+04	-7.640e+04
		-7.640e+04	6.265e+04	-0.05	0.0	408.9	-1764.45	698.36	97.99	-7.367e+04	1.020e+05	2.095e+05
243	8	1.254e+06	-1.284e+04	-0.08	0.0	0.0	-1994.84	3620.99	-110.37	4.586e+04	-1.284e+04	-2.276e+05
		-2.276e+05	-5.267e+04	0.20	0.0	408.9	-1994.84	3620.99	-110.37	4.586e+04	-5.267e+04	1.254e+06
243	9	8.138e+05	-1.941e+04	-0.07	0.0	0.0	-1414.22	2315.20	-44.13	3.471e+04	-1.941e+04	-1.339e+05
		-1.339e+05	-2.832e+04	-0.25	0.0	408.9	-1414.22	2315.20	-44.13	3.471e+04	-2.832e+04	8.138e+05
243	10	2.858e+05	4.718e+04	-0.02	0.0	0.0	-1190.72	872.49	34.48	-3.605e+04	3.672e+04	2.858e+05
		-7.137e+04	3.672e+04	0.13	0.0	408.9	-1190.72	872.49	34.48	-3.605e+04	4.718e+04	2.858e+05
243	11	1.116e+05	5.450e+04	-8.52e-03	0.0	0.0	-939.55	372.25	52.89	-3.931e+04	3.337e+04	-4.082e+04
		-4.082e+04	3.337e+04	-0.03	0.0	408.9	-939.55	372.25	52.89	-3.931e+04	5.450e+04	1.116e+05
243	12	6.662e+05	-7167.23	-0.04	0.0	0.0	-1062.32	1923.68	-59.25	2.442e+04	-7167.23	-1.212e+05
		-1.212e+05	-2.814e+04	0.12	0.0	408.9	-1062.32	1923.68	-59.25	2.442e+04	-2.814e+04	6.662e+05
243	13	4.449e+05	-1.031e+04	-0.04	0.0	0.0	-766.65	1267.02	-25.90	1.873e+04	-1.031e+04	-7.378e+04
		-7.378e+04	-1.569e+04	-0.14	0.0	408.9	-766.65	1267.02	-25.90	1.873e+04	-1.569e+04	4.449e+05
243	14	2.143e+05	3.541e+04	-0.02	0.0	0.0	-892.77	654.22	26.04	-2.705e+04	2.754e+04	-5.351e+04
		-5.351e+04	2.754e+04	0.10	0.0	408.9	-892.77	654.22	26.04	-2.705e+04	3.541e+04	2.143e+05
243	15	8.358e+04	4.084e+04	-6.38e-03	0.0	0.0	-703.69	278.83	39.72	-2.946e+04	2.500e+04	-3.059e+04
		-3.059e+04	2.500e+04	-0.02	0.0	408.9	-703.69	278.83	39.72	-2.946e+04	4.084e+04	8.358e+04
243	16	4.999e+05	-5379.84	-0.03	0.0	0.0	-797.59	1443.36	-44.55	1.833e+04	-5379.84	-9.096e+04
		-9.096e+04	-2.116e+04	0.09	0.0	408.9	-797.59	1443.36	-44.55	1.833e+04	-2.116e+04	4.999e+05
243	17	3.339e+05	-7738.83	-0.03	0.0	0.0	-575.69	950.86	-19.53	1.406e+04	-7738.83	-5.540e+04
		-5.540e+04	-1.181e+04	-0.10	0.0	408.9	-575.69	950.86	-19.53	1.406e+04	-1.181e+04	3.339e+05
244	1	3.244e+04	4.353e+04	4.94e-03	-1104.54	0.0	-338.21	515.20	-103.48	-1.112e+04	4.353e+04	-1.505e+04
		-2.976e+04	2470.25	-0.01	0.0	396.8	-1335.26	-589.34	-103.48	-1.112e+04	2470.25	-2.976e+04
244	2	1.757e+05	7.565e+04	-0.02	-6040.80	0.0	-3574.58	2922.49	263.70	-2.619e+04	-2.899e+04	-1.144e+05
		-1.335e+05	-2.899e+04	-0.02	0.0	396.8	-9027.50	-3118.31	263.70	-2.619e+04	7.565e+04	-1.335e+05
244	3	-48.69	235.13	-5.54e-05	0.0	0.0	-3.74	-0.32	-3.59	487.94	235.13	-48.69
		-177.13	-1191.00	2.83e-04	0.0	396.8	-3.74	-0.32	-3.59	487.94	-1191.00	-177.13
244	4	8707.79	5856.77	-8.96e-04	0.0	0.0	-69.05	30.39	19.84	-2302.46	-2014.43	-3348.93
		-3348.93	-2014.43	-1.35e-03	0.0	396.8	-69.05	30.39	19.84	-2302.46	5856.77	8707.79
244	5	3.220e+04	3.440e+04	-2.48e-03	0.0	0.0	-34.22	110.54	114.48	-1.375e+04	-1.102e+04	-1.167e+04
		-1.167e+04	-1.102e+04	-6.88e-03	0.0	396.8	-34.22	110.54	114.48	-1.375e+04	3.440e+04	3.220e+04
244	6	2.841e+04	1.021e+05	8.18e-03	0.0	0.0	3387.21	201.64	211.03	-5.998e+04	1.875e+04	-2.841e+04
		-8.693e+04	1.875e+04	0.27	0.0	396.8	3387.21	201.64	211.03	-5.998e+04	1.021e+05	-8.693e+04
244	7	3.540e+04	1.086e+05	0.02	0.0	0.0	3713.57	138.70	241.00	-5.668e+04	1.299e+04	-2.127e+04
		-2.127e+04	1.299e+04	0.04	0.0	396.8	3713.57	138.70	241.00	-5.668e+04	1.086e+05	3.540e+04

244	8	8.951e+05	1.101e+04	0.12	0.0	0.0	1747.55	2743.83	31.70	-6486.15	-5312.16	-1.943e+05
		-1.943e+05	-5312.16	0.21	0.0	396.8	1747.55	2743.83	31.70	-6486.15	1.101e+04	8.951e+05
244	9	1.083e+06	1.144e+04	0.14	0.0	0.0	1244.68	3315.45	49.09	4805.15	-8315.44	-2.327e+05
		-2.327e+05	-8315.44	-0.25	0.0	396.8	1244.68	3315.45	49.09	4805.15	1.144e+04	1.083e+06
244	10	-1.523e+04	5.442e+04	-4.47e-03	0.0	0.0	1809.15	115.02	112.65	-3.195e+04	1.000e+04	-1.523e+04
		-4.851e+04	1.000e+04	0.14	0.0	396.8	1809.15	115.02	112.65	-3.195e+04	5.442e+04	-4.851e+04
244	11	1.897e+04	5.779e+04	0.01	0.0	0.0	1984.13	74.21	128.24	-3.017e+04	6928.17	-1.137e+04
		-1.137e+04	6928.17	0.02	0.0	396.8	1984.13	74.21	128.24	-3.017e+04	5.779e+04	1.897e+04
244	12	4.815e+05	5994.82	0.06	0.0	0.0	928.57	1474.46	18.00	-3586.45	-3092.53	-1.040e+05
		-1.040e+05	-3092.53	0.12	0.0	396.8	928.57	1474.46	18.00	-3586.45	5994.82	4.815e+05
244	13	5.764e+05	6129.95	0.07	0.0	0.0	677.39	1764.56	26.23	2659.07	-4440.59	-1.241e+05
		-1.241e+05	-4440.59	-0.14	0.0	396.8	677.39	1764.56	26.23	2659.07	6129.95	5.764e+05
244	14	-1.142e+04	4.081e+04	-3.35e-03	0.0	0.0	1357.40	86.38	84.46	-2.396e+04	7500.87	-1.142e+04
		-3.640e+04	7500.87	0.11	0.0	396.8	1357.40	86.38	84.46	-2.396e+04	4.081e+04	-3.640e+04
244	15	1.423e+04	4.328e+04	8.78e-03	0.0	0.0	1487.12	55.65	96.04	-2.259e+04	5191.00	-8526.70
		-8526.70	5191.00	0.02	0.0	396.8	1487.12	55.65	96.04	-2.259e+04	4.328e+04	1.423e+04
244	16	3.612e+05	4501.32	0.05	0.0	0.0	696.53	1106.09	13.52	-2691.30	-2322.38	-7.799e+04
		-7.799e+04	-2322.38	0.09	0.0	396.8	696.53	1106.09	13.52	-2691.30	4501.32	3.612e+05
244	17	4.326e+05	4605.82	0.06	0.0	0.0	509.26	1324.19	19.69	2000.15	-3331.46	-9.311e+04
		-9.311e+04	-3331.46	-0.10	0.0	396.8	509.26	1324.19	19.69	2000.15	4605.82	4.326e+05
245	1	3.175e+04	-4382.43	4.45e-03	-1104.76	0.0	-369.77	530.24	95.34	1.174e+04	-4.222e+04	-1.865e+04
		-2.744e+04	-4.222e+04	0.01	0.0	396.8	-1366.82	-574.52	95.34	1.174e+04	-4382.43	-2.744e+04
245	2	1.700e+05	3.313e+04	-0.02	-6041.59	0.0	-3759.74	2911.78	-293.41	2.871e+04	3.313e+04	-1.180e+05
		-1.413e+05	-8.331e+04	0.02	0.0	396.8	-9212.30	-3129.81	-293.41	2.871e+04	-8.331e+04	-1.413e+05
245	3	2736.10	260.68	-8.04e-04	0.0	0.0	3.96	-19.22	-2.60	329.38	260.68	2736.10
		-4889.74	-769.79	3.86e-04	0.0	396.8	3.96	-19.22	-2.60	329.38	-769.79	-4889.74
245	4	1750.43	2988.55	-1.53e-03	0.0	0.0	-65.25	3.50	-30.41	3629.22	2988.55	362.33
		362.33	-9080.00	2.32e-03	0.0	396.8	-65.25	3.50	-30.41	3629.22	-9080.00	1750.43
245	5	3.270e+04	1.155e+04	-2.34e-03	0.0	0.0	-55.21	115.16	-120.30	1.466e+04	1.155e+04	-1.300e+04
		-1.300e+04	-3.619e+04	7.15e-03	0.0	396.8	-55.21	115.16	-120.30	1.466e+04	-3.619e+04	3.270e+04
245	6	1.416e+05	5.210e+04	-0.02	0.0	0.0	-2675.83	389.89	88.90	-3.548e+04	3.225e+04	1.519e+05
		1.519e+04	3.225e+04	0.25	0.0	396.8	-2675.83	389.89	88.90	-3.548e+04	5.210e+04	1.416e+05
245	7	2.935e+04	5.952e+04	-0.01	0.0	0.0	-3077.02	98.43	100.94	-3.334e+04	2.651e+04	-1.021e+04
		-1.021e+04	2.651e+04	0.03	0.0	396.8	-3077.02	98.43	100.94	-3.334e+04	5.952e+04	2.935e+04
245	8	1.065e+06	-7056.89	0.13	0.0	0.0	1501.28	3273.67	31.02	-4032.63	-7056.89	-2.345e+05
		-2.345e+05	-1.251e+04	0.21	0.0	396.8	1501.28	3273.67	31.02	-4032.63	-1.251e+04	1.065e+06
245	9	9.241e+05	8006.84	0.12	0.0	0.0	1999.72	2845.57	38.18	3751.87	-8018.36	-2.055e+05
		-2.055e+05	-8018.36	-0.24	0.0	396.8	1999.72	2845.57	38.18	3751.87	8006.84	9.241e+05
245	10	7.688e+04	2.845e+04	-8.40e-03	0.0	0.0	-1431.67	212.02	52.00	-1.911e+04	1.735e+04	8484.75
		8484.75	1.735e+04	0.13	0.0	396.8	-1431.67	212.02	52.00	-1.911e+04	2.845e+04	7.688e+04
245	11	1.563e+04	3.211e+04	-5.93e-03	0.0	0.0	-1647.28	52.50	56.58	-1.793e+04	1.424e+04	-5486.98
		-5486.98	1.424e+04	0.01	0.0	396.8	-1647.28	52.50	56.58	-1.793e+04	3.211e+04	1.563e+04
245	12	5.672e+05	-3957.44	0.07	0.0	0.0	816.30	1743.65	17.90	-2254.10	-3957.44	-1.251e+05
		-1.251e+05	-6819.30	0.12	0.0	396.8	816.30	1743.65	17.90	-2254.10	-6819.30	5.672e+05
245	13	4.958e+05	4477.10	0.06	0.0	0.0	1062.96	1525.41	20.74	2035.94	-4272.79	-1.098e+05
		-1.098e+05	-4272.79	-0.13	0.0	396.8	1062.96	1525.41	20.74	2035.94	4477.10	4.958e+05
245	14	5.769e+04	2.145e+04	-6.31e-03	0.0	0.0	-1074.68	159.14	39.75	-1.437e+04	1.304e+04	6408.66
		6408.66	1.304e+04	0.10	0.0	396.8	-1074.68	159.14	39.75	-1.437e+04	2.145e+04	5.769e+04
245	15	1.172e+04	2.414e+04	-4.45e-03	0.0	0.0	-1235.29	39.37	42.90	-1.347e+04	1.069e+04	-4120.22
		-4120.22	1.069e+04	0.01	0.0	396.8	-1235.29	39.37	42.90	-1.347e+04	2.414e+04	1.172e+04
245	16	4.255e+05	-2970.65	0.05	0.0	0.0	613.71	1308.28	13.46	-1694.68	-2970.65	-9.390e+04
		-9.390e+04	-5122.67	0.09	0.0	396.8	613.71	1308.28	13.46	-1694.68	-5122.67	4.255e+05
245	17	3.720e+05	3363.94	0.05	0.0	0.0	797.68	1144.67	15.58	1528.34	-3207.94	-8.241e+04
		-8.241e+04	-3207.94	-0.10	0.0	396.8	797.68	1144.67	15.58	1528.34	3363.94	3.720e+05
246	1	5.191e+04	-1478.62	0.01	-1708.31	0.0	-121.15	821.79	-5.86	-2266.91	-1478.62	-5.413e+04
		-7.152e+04	-4627.20	-2.58e-03	0.0	537.3	947.04	-886.51	-5.86	-2266.91	-4627.20	-7.152e+04
246	2	2.921e+05	-1.770e+04	-0.07	-8885.84	0.0	-3534.21	4247.60	-3.02	-2.372e+04	-1.770e+04	-2.246e+05
		-3.906e+05	-1.932e+04	0.02	0.0	537.3	2022.02	-4638.24	-3.02	-2.372e+04	-1.932e+04	-3.906e+05
246	3	356.82	398.92	2.06e-04	0.0	0.0	-14.63	-1.80	-0.43	377.84	398.92	356.82
		-610.82	167.94	-3.80e-04	0.0	537.3	-14.63	-1.80	-0.43	377.84	167.94	-610.82
246	4	1.249e+04	1793.98	-1.16e-03	0.0	0.0	-50.73	-34.91	10.98	-1448.66	-4106.09	1.249e+04
		-6269.15	-4106.09	1.39e-03	0.0	537.3	-50.73	-34.91	10.98	-1448.66	1793.98	-6269.15
246	5	4.294e+04	6858.43	-4.27e-03	0.0	0.0	-67.65	-114.28	53.20	-9796.35	-2.172e+04	4.294e+04
		-1.846e+04	-2.172e+04	8.34e-03	0.0	537.3	-67.65	-114.28	53.20	-9796.35	6858.43	-1.846e+04
246	6	-1.017e+05	6.598e+04	0.07	0.0	0.0	-656.36	576.47	-70.71	6.828e+04	6.598e+04	-2.242e+05
		-2.242e+05	4.455e+04	0.25	0.0	537.3	-656.36	576.47	-70.71	6.828e+04	4.455e+04	-1.017e+05
246	7	-1.525e+04	6.861e+04	0.05	0.0	0.0	-732.85	407.26	38.03	7.214e+04	4.859e+04	-2.288e+05
		-2.288e+05	4.859e+04	-0.10	0.0	537.3	-732.85	407.26	38.03	7.214e+04	6.861e+04	-1.525e+04
246	8	2.491e+05	2.800e+04	0.12	0.0	0.0	-778.59	1985.63	107.63	-2.331e+04	-3.340e+04	-8.180e+05
		-8.180e+05	-3.340e+04	0.39	0.0	537.3	-778.59	1985.63	107.63	-2.331e+04	2.800e+04	2.491e+05
246	9	3.805e+05	5.821e+04	0.21	0.0	0.0	-1673.87	3153.28	213.21	-1.707e+04	-5.663e+04	-1.314e+06
		-1.314e+06	-5.663e+04	-0.36	0.0	537.3	-1673.87	3153.28	213.21	-1.707e+04	5.821e+04	3.805e+05
246	10	-5.557e+04	3.525e+04	0.04	0.0	0.0	-370.27	329.30	-39.84	3.642e+04	-3.525e+04	-1.300e+05
		-1.300e+05	2.423e+04	0.13	0.0	537.3	-370.27	329.30	-39.84	3.642e+04	2.423e+04	-5.557e+04
246	11	-8294.81	3.653e+04	0.03	0.0	0.0	-396.45	217.26	20.27	3.844e+04	2.591e+04	-1.220e+05
		-1.220e+05	2.591e+04	-0.05	0.0	537.3	-396.45	217.26	20.27	3.844e+04	3.653e+04	-8294.81

246	12	1.371e+05	1.645e+04	0.06	0.0	0.0	-456.27	1096.30	62.18	-1.244e+04	-1.879e+04	-4.521e+05
		-4.521e+05	-1.879e+04	0.21	0.0	537.3	-456.27	1096.30	62.18	-1.244e+04	1.645e+04	1.371e+05
246	13	2.021e+05	3.101e+04	0.11	0.0	0.0	-899.60	1673.99	113.57	-9180.18	-3.019e+04	-6.974e+05
		-6.974e+05	-3.019e+04	-0.20	0.0	537.3	-899.60	1673.99	113.57	-9180.18	3.101e+04	2.021e+05
246	14	-4.167e+04	2.645e+04	0.03	0.0	0.0	-277.92	247.09	-29.95	2.731e+04	2.645e+04	-9.757e+04
		-9.757e+04	1.817e+04	0.10	0.0	537.3	-277.92	247.09	-29.95	2.731e+04	1.817e+04	-4.167e+04
246	15	-6242.18	2.736e+04	0.02	0.0	0.0	-297.92	162.80	15.19	2.879e+04	1.941e+04	-9.137e+04
		-9.137e+04	1.941e+04	-0.04	0.0	537.3	-297.92	162.80	15.19	2.879e+04	2.736e+04	-6242.18
246	16	1.029e+05	1.235e+04	0.05	0.0	0.0	-343.34	822.61	46.70	-9341.49	-1.412e+04	-3.392e+05
		-3.392e+05	-1.412e+04	0.16	0.0	537.3	-343.34	822.61	46.70	-9341.49	1.235e+04	1.029e+05
246	17	1.517e+05	2.328e+04	0.09	0.0	0.0	-677.21	1256.27	85.31	-6893.01	-2.269e+04	-5.233e+05
		-5.233e+05	-2.269e+04	-0.15	0.0	537.3	-677.21	1256.27	85.31	-6893.01	2.328e+04	1.517e+05
247	1	4.601e+04	3.366e+04	-0.01	-1650.00	0.0	432.13	810.45	66.42	2.014e+04	-1.151e+05	-5.829e+04
		-6.591e+04	-1151.52	-0.02	0.0	524.2	1500.32	-839.55	66.42	2.014e+04	3.366e+04	-6.591e+04
247	2	2.495e+05	4.855e+04	-0.06	-8797.36	0.0	-4854.83	4316.29	-118.54	2.842e+04	4.855e+04	-2.758e+05
		-3.779e+05	-1.358e+04	-0.02	0.0	524.2	840.46	-4481.07	-118.54	2.842e+04	-1.358e+04	-3.779e+05
247	3	744.67	210.60	1.45e-04	0.0	0.0	-100.59	4.15	1.52	-322.27	-585.75	-1432.81
		-1432.81	-585.75	1.59e-04	0.0	524.2	-100.59	4.15	1.52	-322.27	210.60	744.67
247	4	5580.19	4414.60	1.06e-03	0.0	0.0	-117.71	-13.76	-12.15	2161.30	4414.60	5580.19
		-1633.66	-1951.90	-1.49e-03	0.0	524.2	-117.71	-13.76	-12.15	2161.30	-1951.90	-1633.66
247	5	2.456e+04	2.339e+04	-2.58e-03	0.0	0.0	56.51	-66.05	-63.27	1.201e+04	2.339e+04	2.456e+04
		-1.006e+04	-9769.17	-8.24e-03	0.0	524.2	56.51	-66.05	-63.27	1.201e+04	-9769.17	-1.006e+04
247	6	2.295e+04	6.084e+04	-0.05	0.0	0.0	5345.70	153.37	-42.56	7.729e+04	6.084e+04	-6.585e+04
		-6.585e+04	4.439e+04	0.23	0.0	524.2	5345.70	153.37	-42.56	7.729e+04	4.439e+04	2.295e+04
247	7	3.127e+04	5.754e+04	-0.03	0.0	0.0	3361.06	185.20	-13.28	8.736e+04	5.628e+04	-6.603e+04
		-6.603e+04	5.628e+04	-0.10	0.0	524.2	3361.06	185.20	-13.28	8.736e+04	5.754e+04	-3.127e+04
247	8	2.122e+05	1.021e+04	0.15	0.0	0.0	-1.129e+04	1862.16	-73.00	-2.102e+04	1.021e+04	-7.639e+05
		-7.639e+05	-3.016e+04	0.39	0.0	524.2	-1.129e+04	1862.16	-73.00	-2.102e+04	-3.016e+04	2.122e+05
247	9	2.711e+05	-6807.18	0.18	0.0	0.0	-1.168e+04	2299.21	-33.85	1.026e+04	-6807.18	-9.341e+05
		-9.341e+05	-1.149e+04	-0.36	0.0	524.2	-1.168e+04	2299.21	-33.85	1.026e+04	-1.149e+04	-2.711e+05
247	10	1.296e+04	3.238e+04	-0.03	0.0	0.0	2857.43	89.03	-23.33	4.129e+04	3.238e+04	-3.786e+04
		-3.786e+04	2.387e+04	0.12	0.0	524.2	2857.43	89.03	-23.33	4.129e+04	2.387e+04	1.296e+04
247	11	1.667e+04	3.074e+04	-0.02	0.0	0.0	1803.18	98.91	-8.09	4.654e+04	2.995e+04	-3.530e+04
		-3.530e+04	2.995e+04	-0.05	0.0	524.2	1803.18	98.91	-8.09	4.654e+04	3.074e+04	1.667e+04
247	12	1.142e+05	5593.61	0.08	0.0	0.0	-6072.90	1002.33	-39.21	-1.125e+04	5593.61	-4.112e+05
		-4.112e+05	-1.612e+04	0.22	0.0	524.2	-6072.90	1002.33	-39.21	-1.125e+04	-1.612e+04	1.142e+05
247	13	1.442e+05	-3785.73	0.09	0.0	0.0	-6224.21	1223.14	-19.31	5730.02	-3785.73	-4.969e+05
		-4.969e+05	-6633.93	-0.20	0.0	524.2	-6224.21	1223.14	-19.31	5730.02	-6633.93	1.442e+05
247	14	9724.59	2.428e+04	-0.02	0.0	0.0	2144.46	66.84	-17.50	3.096e+04	2.428e+04	-2.842e+04
		-2.842e+04	1.791e+04	0.09	0.0	524.2	2144.46	66.84	-17.50	3.096e+04	1.791e+04	9724.59
247	15	1.249e+04	2.304e+04	-0.01	0.0	0.0	1352.81	74.13	-6.21	3.487e+04	2.242e+04	-2.646e+04
		-2.646e+04	2.242e+04	-0.04	0.0	524.2	1352.81	74.13	-6.21	3.487e+04	2.304e+04	1.249e+04
247	16	8.564e+04	4198.18	0.06	0.0	0.0	-4556.39	751.91	-29.44	-8442.94	4198.18	-3.085e+05
		-3.085e+05	-1.210e+04	0.16	0.0	524.2	-4556.39	751.91	-29.44	-8442.94	-1.210e+04	8.564e+04
247	17	1.082e+05	-2843.08	0.07	0.0	0.0	-4672.12	917.88	-14.52	4312.13	-2843.08	-3.729e+05
		-3.729e+05	-4988.62	-0.15	0.0	524.2	-4672.12	917.88	-14.52	4312.13	-4988.62	1.082e+05
248	1	4.629e+04	990.73	-0.01	-1650.00	0.0	476.84	811.01	-65.83	-2.025e+04	990.73	-5.815e+04
		-6.548e+04	-3.351e+04	0.02	0.0	524.2	1545.03	-838.99	-65.83	-2.025e+04	-3.351e+04	-6.548e+04
248	2	2.512e+05	1.388e+04	-0.06	-8797.36	0.0	-4398.77	4307.00	118.63	-2.823e+04	4.829e+04	-2.717e+05
		-3.787e+05	-4.829e+04	0.02	0.0	524.2	1296.52	-4490.36	118.63	-2.823e+04	1.388e+04	-3.787e+05
248	3	386.59	667.35	3.60e-04	0.0	0.0	39.10	0.82	-1.67	331.24	667.35	-44.23
		-44.23	-210.52	-4.22e-04	0.0	524.2	39.10	0.82	-1.67	331.24	-210.52	386.59
248	4	7696.80	1972.00	1.61e-03	0.0	0.0	95.23	-18.86	11.95	-2140.04	-4292.66	7696.80
		-2187.48	-4292.66	1.16e-03	0.0	524.2	95.23	-18.86	11.95	-2140.04	1972.00	-2187.48
248	5	2.464e+04	9789.78	-2.60e-03	0.0	0.0	64.89	-66.20	63.31	-1.204e+04	-2.339e+04	2.464e+04
		-1.006e+04	-2.339e+04	8.11e-03	0.0	524.2	64.89	-66.20	63.31	-1.204e+04	9789.78	-1.006e+04
248	6	-2.221e+04	6.273e+04	0.05	0.0	0.0	-5190.20	-208.65	-50.19	7.695e+04	6.273e+04	-9.459e+04
		-9.459e+04	4.212e+04	0.24	0.0	524.2	-5190.20	-208.65	-50.19	7.695e+04	4.212e+04	-2.221e+04
248	7	3.872e+04	5.779e+04	0.10	0.0	0.0	-3098.84	-121.50	-14.20	8.717e+04	5.779e+04	3.872e+04
		-2.570e+04	5.522e+04	-0.10	0.0	524.2	-3098.84	-121.50	-14.20	8.717e+04	5.522e+04	-2.570e+04
248	8	2.689e+05	1.552e+04	0.17	0.0	0.0	-1.132e+04	2267.86	43.73	1.504e+04	9516.47	-9.199e+05
		-9.199e+05	9516.47	0.38	0.0	524.2	-1.132e+04	2267.86	43.73	1.504e+04	1.552e+04	2.689e+05
248	9	2.201e+05	2.718e+04	0.15	0.0	0.0	-1.146e+04	1928.74	67.61	1.717e+04	-8793.18	-7.909e+05
		-7.909e+05	-8793.18	-0.38	0.0	524.2	-1.146e+04	1928.74	67.61	1.717e+04	2.718e+04	2.201e+05
248	10	-1.263e+04	3.340e+04	0.03	0.0	0.0	-2775.81	-116.58	-27.38	4.111e+04	3.340e+04	-5.230e+04
		-5.230e+04	2.268e+04	0.12	0.0	524.2	-2775.81	-116.58	-27.38	4.111e+04	2.268e+04	-1.263e+04
248	11	2.073e+04	3.076e+04	0.05	0.0	0.0	-1662.81	-64.92	-8.36	4.645e+04	3.076e+04	2.073e+04
		-1.370e+04	2.951e+04	-0.05	0.0	524.2	-1662.81	-64.92	-8.36	4.645e+04	2.951e+04	-1.370e+04
248	12	1.431e+05	8803.29	0.09	0.0	0.0	-6033.74	1207.26	24.76	8236.11	5277.32	-4.897e+05
		-4.897e+05	5277.32	0.21	0.0	524.2	-6033.74	1207.26	24.76	8236.11	8803.29	1.431e+05
248	13	1.181e+05	1.452e+04	0.08	0.0	0.0	-6147.42	1035.03	36.26	9204.74	-4808.79	-4.245e+05
		-4.245e+05	-4808.79	-0.21	0.0	524.2	-6147.42	1035.03	36.26	9204.74	1.452e+04	1.181e+05
248	14	-9479.26	2.505e+04	0.02	0.0	0.0	-2083.08	-87.51	-20.55	3.083e+04	2.505e+04	-3.925e+04
		-3.925e+04	1.702e+04	0.09	0.0	524.2	-2083.08	-87.51	-20.55	3.083e+04	1.702e+04	-9479.26
248	15	1.556e+04	2.304e+04	0.04	0.0	0.0	-1247.41	-48.70	-6.40	3.480e+04	2.304e+04	1.556e+04
		-1.027e+04	2.212e+04	-0.04	0.0	524.2	-1247.41	-48.70	-6.40	3.480e+04	2.212e+04	-1.027e+04

248	16	1.074e+05	6617.81	0.07	0.0	0.0	-4527.79	905.80	18.59	6189.76	3960.68	-3.674e+05
		-3.674e+05	3960.68	0.16	0.0	524.2	-4527.79	905.80	18.59	6189.76	6617.81	1.074e+05
248	17	8.860e+04	1.090e+04	0.06	0.0	0.0	-4614.19	776.69	27.23	6911.60	-3610.33	3.185e+05
		-3.185e+05	-3610.33	-0.15	0.0	524.2	-4614.19	776.69	27.23	6911.60	1.090e+04	8.860e+04
249	1	5.182e+04	-2137.01	-0.02	-1708.31	0.0	942.52	885.40	4.35	2591.79	-4471.59	-7.131e+04
		-7.131e+04	-4471.59	4.63e-03	0.0	537.3	-125.66	-822.91	4.35	2591.79	-2137.01	-5.452e+04
249	2	2.931e+05	-1.684e+04	-0.08	-8885.84	0.0	2143.97	4646.36	5.68	2.357e+04	-1.990e+04	-3.920e+05
		-3.920e+05	-1.990e+04	0.02	0.0	537.3	-3412.27	-4239.48	5.68	2.357e+04	-1.684e+04	-2.217e+05
249	3	1354.51	905.35	-5.43e-04	0.0	0.0	45.78	4.85	1.74	-533.42	-31.24	-1248.77
		-1248.77	-31.24	-7.00e-04	0.0	537.3	45.78	4.85	1.74	-533.42	905.35	1354.51
249	4	1.397e+04	1506.65	-2.45e-03	0.0	0.0	38.36	39.40	-9.16	1246.53	1506.65	-7199.75
		-7199.75	-3417.03	-7.71e-04	0.0	537.3	38.36	39.40	-9.16	1246.53	-3417.03	1.397e+04
249	5	4.280e+04	6918.16	-7.44e-03	0.0	0.0	-74.49	113.84	-53.70	9885.30	6918.16	-1.836e+04
		-1.836e+04	-2.193e+04	8.87e-03	0.0	537.3	-74.49	113.84	-53.70	9885.30	-2.193e+04	4.280e+04
249	6	2.518e+05	-4.289e+04	-0.07	0.0	0.0	494.97	656.71	-79.45	6.832e+04	-4.289e+04	1.125e+05
		1.125e+05	-6.981e+04	0.26	0.0	537.3	494.97	656.71	-79.45	6.832e+04	-6.981e+04	2.518e+05
249	7	1.937e+05	-5.192e+04	-0.04	0.0	0.0	305.17	330.19	28.25	7.185e+04	-6.672e+04	1.985e+05
		1.985e+05	-3.358e+04	-0.05	0.0	537.3	305.17	330.19	28.25	7.185e+04	-3.358e+04	1.937e+05
249	8	3.805e+05	6.333e+04	0.16	0.0	0.0	-1802.25	-3170.25	-223.18	1.585e+04	6.333e+04	3.805e+05
		-1.323e+06	-5.725e+04	0.38	0.0	537.3	-1802.25	-3170.25	-223.18	1.585e+04	-5.725e+04	-1.323e+06
249	9	2.567e+05	2.751e+04	0.12	0.0	0.0	-703.64	-2067.02	-110.63	2.098e+04	2.751e+04	2.567e+05
		-8.540e+05	-3.358e+04	-0.37	0.0	537.3	-703.64	-2067.02	-110.63	2.098e+04	-3.358e+04	-8.540e+05
249	10	1.433e+05	-2.336e+04	-0.04	0.0	0.0	287.12	368.91	-44.26	3.645e+04	-2.336e+04	6.120e+04
		6.120e+04	-3.731e+04	0.14	0.0	537.3	287.12	368.91	-44.26	3.645e+04	-3.731e+04	1.433e+05
249	11	1.032e+05	-2.768e+04	-0.02	0.0	0.0	175.05	176.05	15.06	3.829e+04	-3.552e+04	1.068e+04
		1.068e+04	-3.552e+04	-0.03	0.0	537.3	175.05	176.05	15.06	3.829e+04	-2.768e+04	1.032e+05
249	12	2.023e+05	3.378e+04	0.08	0.0	0.0	-972.11	-1684.13	-119.04	8536.80	3.378e+04	2.023e+05
		-7.027e+05	-3.058e+04	0.21	0.0	537.3	-972.11	-1684.13	-119.04	8536.80	-3.058e+04	-7.027e+05
249	13	1.400e+05	1.590e+04	0.07	0.0	0.0	-413.94	-1129.30	-62.68	1.118e+04	1.590e+04	1.400e+05
		-4.668e+05	-1.867e+04	-0.20	0.0	537.3	-413.94	-1129.30	-62.68	1.118e+04	-1.867e+04	-4.668e+05
249	14	1.075e+05	-1.752e+04	-0.03	0.0	0.0	216.29	276.77	-33.25	2.733e+04	-1.752e+04	4.590e+04
		4.590e+04	-2.799e+04	0.10	0.0	537.3	216.29	276.77	-33.25	2.733e+04	-2.799e+04	1.075e+05
249	15	7.734e+04	-2.073e+04	-0.02	0.0	0.0	133.27	131.96	11.29	2.868e+04	-2.661e+04	8016.06
		8016.06	-2.661e+04	-0.02	0.0	537.3	133.27	131.96	11.29	2.868e+04	-2.073e+04	7.734e+04
249	16	1.518e+05	2.536e+04	0.06	0.0	0.0	-732.07	-1263.67	-89.39	6404.11	2.536e+04	1.518e+05
		-5.273e+05	-2.298e+04	0.16	0.0	537.3	-732.07	-1263.67	-89.39	6404.11	-2.298e+04	-5.273e+05
249	17	1.051e+05	1.194e+04	0.05	0.0	0.0	-312.30	-847.51	-47.09	8395.03	1.194e+04	1.051e+05
		-3.503e+05	-1.404e+04	-0.15	0.0	537.3	-312.30	-847.51	-47.09	8395.03	-1.404e+04	-3.503e+05
256	1	2.740e+04	-4084.49	2.73e-03	-718.70	0.0	1853.92	463.72	-15.63	3292.05	-4084.49	-2493.20
		-2493.20	-7211.36	1.32e-03	0.0	200.0	1639.52	-254.98	-15.63	3292.05	-7211.36	1.838e+04
256	2	9.080e+04	2776.18	6.23e-03	-4105.77	0.0	2359.94	2952.66	-93.60	-960.13	2776.18	-1.150e+05
		-1.150e+05	-1.594e+04	7.14e-04	0.0	200.0	1135.10	-1153.11	-93.60	-960.13	-1.594e+04	5.698e+04
256	3	117.94	350.87	1.39e-04	0.0	0.0	-19.21	2.02	2.70	134.61	-189.14	-285.70
		-285.70	-189.14	-7.88e-05	0.0	200.0	-19.21	2.02	2.70	134.61	350.87	117.94
256	4	-1745.94	640.59	1.00e-03	0.0	0.0	-67.26	25.73	4.25	-110.74	-209.89	-6891.53
		-6891.53	-209.89	-1.91e-04	0.0	200.0	-67.26	25.73	4.25	-110.74	640.59	-1745.94
256	5	2128.28	690.03	-1.06e-03	0.0	0.0	49.18	40.28	8.04	-128.70	-918.71	-5927.39
		-5927.39	-918.71	3.19e-05	0.0	200.0	49.18	40.28	8.04	-128.70	690.03	2128.28
256	6	1.424e+05	9.745e+04	-9.73e-03	0.0	0.0	4031.64	-562.51	445.23	-5.077e+04	1.039e+04	1.424e+05
		3.198e+04	1.039e+04	0.12	0.0	200.0	4031.64	-562.51	445.23	-5.077e+04	9.745e+04	3.198e+04
256	7	1.527e+05	1.084e+05	-0.01	0.0	0.0	6907.30	-531.37	499.95	-5.813e+04	8690.63	1.527e+05
		4.651e+04	8690.63	-0.01	0.0	200.0	6907.30	-531.37	499.95	-5.813e+04	1.084e+05	4.651e+04
256	8	6.627e+04	7608.08	-0.03	0.0	0.0	7540.41	396.29	-232.12	2.083e+04	7608.08	2.173e+04
		2.173e+04	-4.034e+04	0.18	0.0	200.0	7540.41	396.29	-232.12	2.083e+04	-4.034e+04	6.627e+04
256	9	9.692e+04	2.540e+04	-0.05	0.0	0.0	1.059e+04	411.12	171.58	7528.04	-9806.27	2.476e+04
		2.476e+04	-9806.27	-0.15	0.0	200.0	1.059e+04	411.12	171.58	7528.04	2.540e+04	9.692e+04
256	10	7.605e+04	5.224e+04	-5.48e-03	0.0	0.0	2191.31	-299.99	239.63	-2.716e+04	5588.08	7.605e+04
		1.736e+04	5588.08	0.06	0.0	200.0	2191.31	-299.99	239.63	-2.716e+04	5.224e+04	1.736e+04
256	11	8.154e+04	5.786e+04	-7.52e-03	0.0	0.0	3689.22	-283.94	267.07	-3.097e+04	4628.74	8.154e+04
		2.481e+04	4628.74	-7.80e-03	0.0	200.0	3689.22	-283.94	267.07	-3.097e+04	5.786e+04	2.481e+04
256	12	3.614e+04	4309.90	-0.01	0.0	0.0	4120.79	215.10	-125.11	1.112e+04	4309.90	1.207e+04
		1.207e+04	-2.163e+04	0.10	0.0	200.0	4120.79	215.10	-125.11	1.112e+04	-2.163e+04	3.614e+04
256	13	5.159e+04	1.381e+04	-0.03	0.0	0.0	5631.68	220.55	93.04	4354.42	-5369.20	1.397e+04
		1.397e+04	-5369.20	-0.08	0.0	200.0	5631.68	220.55	93.04	4354.42	1.381e+04	5.159e+04
256	14	5.704e+04	3.918e+04	-4.11e-03	0.0	0.0	1644.56	-225.02	179.77	-2.037e+04	4190.35	5.704e+04
		1.302e+04	4190.35	0.04	0.0	200.0	1644.56	-225.02	179.77	-2.037e+04	3.918e+04	1.302e+04
256	15	6.111e+04	4.336e+04	-5.63e-03	0.0	0.0	2764.94	-212.83	200.17	-2.320e+04	3466.83	6.111e+04
		1.859e+04	3466.83	-5.84e-03	0.0	200.0	2764.94	-212.83	200.17	-2.320e+04	4.336e+04	1.859e+04
256	16	2.712e+04	3252.28	-0.01	0.0	0.0	3091.48	161.61	-93.89	8342.29	3252.28	9165.79
		9165.79	-1.623e+04	0.07	0.0	200.0	3091.48	161.61	-93.89	8342.29	-1.623e+04	2.712e+04
256	17	3.875e+04	1.040e+04	-0.02	0.0	0.0	4228.52	165.88	70.03	3270.18	-4055.20	1.063e+04
		1.063e+04	-4055.20	-0.06	0.0	200.0	4228.52	165.88	70.03	3270.18	1.040e+04	3.875e+04
257	1	2.731e+04	-4057.52	-2.96e-03	-718.70	0.0	1560.65	255.59	15.23	-3270.28	-7104.07	1.824e+04
		-2507.73	-7104.07	-9.33e-04	0.0	200.0	1775.05	-463.11	15.23	-3270.28	-4057.52	-2507.73
257	2	9.040e+04	3183.79	-6.88e-03	-4106.05	0.0	918.81	1150.77	96.63	1290.68	-1.614e+04	5.673e+04
		-1.157e+05	-1.614e+04	9.72e-04	0.0	200.0	2143.74	-2955.28	96.63	1290.68	3183.79	-1.157e+05

257	3	144.65	445.36	-1.24e-04	0.0	0.0	-51.39	-3.37	-2.42	69.50	445.36	144.65
		-529.39	-38.05	-5.74e-05	0.0	200.0	-51.39	-3.37	-2.42	69.50	-38.05	-529.39
257	4	-1721.20	738.26	-9.81e-04	0.0	0.0	-120.22	-27.80	-3.58	403.57	738.26	-1721.20
		-7280.22	22.09	-6.36e-05	0.0	200.0	-120.22	-27.80	-3.58	403.57	22.09	-7280.22
257	5	2097.35	669.17	1.06e-03	0.0	0.0	36.14	-40.27	-7.82	127.73	669.17	2097.35
		-5956.67	-895.09	-1.55e-04	0.0	200.0	36.14	-40.27	-7.82	127.73	-895.09	-5956.67
257	6	-3.008e+04	-7553.35	-8.62e-03	0.0	0.0	-3488.63	-518.01	516.13	-5.159e+04	-1.077e+05	-3.008e+04
		-1.304e+05	-1.077e+05	0.12	0.0	200.0	-3488.63	-518.01	516.13	-5.159e+04	-7553.35	-1.304e+05
257	7	-4.501e+04	-4826.55	-0.02	0.0	0.0	-6126.30	-472.61	575.31	-5.919e+04	-1.193e+05	-4.501e+04
		-1.395e+05	-1.193e+05	-8.61e-03	0.0	200.0	-6126.30	-472.61	575.31	-5.919e+04	-4826.55	-1.395e+05
257	8	9.747e+04	3.421e+04	0.05	0.0	0.0	1.066e+04	-400.87	-214.22	-1.054e+04	3.421e+04	9.747e+04
		2.818e+04	-9030.43	0.17	0.0	200.0	1.066e+04	-400.87	-214.22	-1.054e+04	-9030.43	2.818e+04
257	9	6.978e+04	8651.92	0.03	0.0	0.0	8018.84	-380.48	242.55	-1.844e+04	-4.014e+04	6.978e+04
		1.289e+04	-4.014e+04	-0.16	0.0	200.0	8018.84	-380.48	242.55	-1.844e+04	8651.92	1.289e+04
257	10	-1.636e+04	-4167.08	-4.92e-03	0.0	0.0	-1903.35	-276.22	277.73	-2.760e+04	-5.776e+04	-1.636e+04
		-6.961e+04	-5.776e+04	0.06	0.0	200.0	-1903.35	-276.22	277.73	-2.760e+04	-4167.08	-6.961e+04
257	11	-2.401e+04	-2615.15	-0.01	0.0	0.0	-3272.96	-252.43	307.39	-3.154e+04	-6.368e+04	-2.401e+04
		-7.446e+04	-6.368e+04	-4.55e-03	0.0	200.0	-3272.96	-252.43	307.39	-3.154e+04	-2615.15	-7.446e+04
257	12	5.191e+04	1.863e+04	0.03	0.0	0.0	5676.03	-214.57	-116.70	-5951.27	1.863e+04	5.191e+04
		1.571e+04	-4924.27	0.09	0.0	200.0	5676.03	-214.57	-116.70	-5951.27	-4924.27	1.571e+04
257	13	3.786e+04	4730.19	0.02	0.0	0.0	4351.93	-206.71	130.42	-9832.57	-2.154e+04	3.786e+04
		7524.39	-2.154e+04	-0.09	0.0	200.0	4351.93	-206.71	130.42	-9832.57	4730.19	7524.39
257	14	-1.228e+04	-3127.99	-3.69e-03	0.0	0.0	-1428.78	-207.17	208.35	-2.070e+04	-4.332e+04	-1.228e+04
		-5.221e+04	-4.332e+04	0.05	0.0	200.0	-1428.78	-207.17	208.35	-2.070e+04	-3127.99	-5.221e+04
257	15	-1.799e+04	-1965.40	-7.55e-03	0.0	0.0	-2453.29	-189.18	230.40	-2.362e+04	-4.772e+04	-1.799e+04
		-5.580e+04	-4.772e+04	-3.41e-03	0.0	200.0	-2453.29	-189.18	230.40	-2.362e+04	-1965.40	-5.580e+04
257	16	3.897e+04	1.401e+04	0.02	0.0	0.0	4261.67	-161.23	-87.80	-4469.76	1.401e+04	3.897e+04
		1.192e+04	-3708.05	0.07	0.0	200.0	4261.67	-161.23	-87.80	-4469.76	-3708.05	1.192e+04
257	17	2.843e+04	3558.40	0.01	0.0	0.0	3267.54	-155.43	97.94	-7379.72	-1.617e+04	2.843e+04
		5771.95	-1.617e+04	-0.07	0.0	200.0	3267.54	-155.43	97.94	-7379.72	3558.40	5771.95
258	1	1.466e+05	2.237e+04	-0.49	-3599.44	0.0	92.35	1799.31	-0.21	489.17	2.237e+04	-2.581e+05
		-2.585e+05	2.218e+04	-9.13e-03	0.0	899.9	92.35	-1800.13	-0.21	489.17	2.218e+04	-2.585e+05
258	2	4165.80	-2350.26	-0.03	0.0	0.0	465.85	0.64	1.61	118.96	-3802.61	3588.21
		3588.21	-3802.61	-3.15e-03	0.0	899.9	465.85	0.64	1.61	118.96	-2350.26	4165.80
258	3	417.74	414.97	-1.17e-03	0.0	0.0	49.60	0.94	0.98	-100.27	-466.23	-424.13
		-424.13	-466.23	-5.82e-04	0.0	899.9	49.60	0.94	0.98	-100.27	414.97	417.74
258	4	684.57	231.51	-2.30e-03	0.0	0.0	7.03	1.27	1.24	-132.77	-882.90	-457.24
		-457.24	-882.90	-9.43e-04	0.0	899.9	7.03	1.27	1.24	-132.77	231.51	684.57
258	5	379.71	-554.88	-1.82e-03	0.0	0.0	-107.55	0.31	0.03	34.81	-578.95	97.93
		97.93	-578.95	-4.41e-04	0.0	899.9	-107.55	0.31	0.03	34.81	-554.88	379.71
258	6	5.008e+04	2.775e+04	-0.04	0.0	0.0	-867.73	-109.42	-62.94	-2654.75	2.775e+04	5.008e+04
		-4.839e+04	-2.906e+04	0.78	0.0	899.9	-867.73	-109.42	-62.94	-2654.75	-2.906e+04	-4.839e+04
258	7	4.331e+04	2.355e+04	-0.04	0.0	0.0	-751.31	-94.86	-55.65	-1351.70	2.355e+04	4.331e+04
		-4.205e+04	-2.662e+04	-0.20	0.0	899.9	-751.31	-94.86	-55.65	-1351.70	-2.662e+04	-4.205e+04
258	8	8319.24	8591.93	7.46e-03	0.0	0.0	2755.05	16.88	21.00	-1755.41	-1.243e+04	-7062.29
		-7062.29	-1.243e+04	0.59	0.0	899.9	2755.05	16.88	21.00	-1755.41	8591.93	8319.24
258	9	9778.44	1.673e+04	-0.01	0.0	0.0	2851.41	20.35	50.42	1399.44	-2.892e+04	-8585.90
		-8585.90	-2.892e+04	-0.51	0.0	899.9	2851.41	20.35	50.42	1399.44	1.673e+04	9778.44
258	10	2.667e+04	1.487e+04	-0.02	0.0	0.0	-465.94	-58.28	-33.74	-1425.39	1.487e+04	2.667e+04
		-2.577e+04	-1.561e+04	0.43	0.0	899.9	-465.94	-58.28	-33.74	-1425.39	-1.561e+04	-2.577e+04
258	11	2.305e+04	1.254e+04	-0.02	0.0	0.0	-402.23	-50.49	-29.68	-719.67	1.254e+04	2.305e+04
		-2.238e+04	-1.423e+04	-0.11	0.0	899.9	-402.23	-50.49	-29.68	-719.67	-1.423e+04	-2.238e+04
258	12	4645.46	4912.96	3.82e-03	0.0	0.0	1494.42	9.51	12.32	-968.14	-7250.29	-4009.97
		-4009.97	-7250.29	0.29	0.0	899.9	1494.42	9.51	12.32	-968.14	4912.96	4645.46
258	13	5208.34	8923.92	-6.43e-03	0.0	0.0	1546.94	10.86	26.81	776.78	-1.538e+04	-4597.74
		-4597.74	-1.538e+04	-0.26	0.0	899.9	1546.94	10.86	26.81	776.78	8923.92	5208.34
258	14	2.000e+04	1.115e+04	-0.02	0.0	0.0	-350.18	-43.70	-25.31	-1069.37	1.115e+04	2.000e+04
		-1.933e+04	-1.172e+04	0.32	0.0	899.9	-350.18	-43.70	-25.31	-1069.37	-1.172e+04	-1.933e+04
258	15	1.726e+04	9396.47	-0.01	0.0	0.0	-301.69	-37.81	-22.24	-538.98	9396.47	1.726e+04
		-1.676e+04	-1.066e+04	-0.08	0.0	899.9	-301.69	-37.81	-22.24	-538.98	-1.066e+04	-1.676e+04
258	16	3485.96	3697.19	2.87e-03	0.0	0.0	1124.13	7.14	9.25	-727.51	-5441.46	-3011.11
		-3011.11	-5441.46	0.22	0.0	899.9	1124.13	7.14	9.25	-727.51	3697.19	3485.96
258	17	3910.17	6697.21	-4.83e-03	0.0	0.0	1166.08	8.15	20.12	584.03	-1.155e+04	-3451.22
		-3451.22	-1.155e+04	-0.19	0.0	899.9	1166.08	8.15	20.12	584.03	6697.21	3910.17
259	1	3.914e+04	1.013e+04	-9.76e-03	-1762.15	0.0	2845.73	773.47	-29.52	-2.753e+04	1.013e+04	-4.063e+04
		-9.119e+04	-3746.14	-3.14e-03	0.0	469.9	2845.73	-988.68	-29.52	-2.753e+04	-3746.14	-9.119e+04
259	2	2.192e+05	4370.68	-0.05	-1.100e+04	0.0	4316.90	5132.95	15.49	3276.09	-2905.85	-3.416e+05
		-5.130e+05	-2905.85	-1.21e-03	0.0	469.9	4316.90	-5863.45	15.49	3276.09	4370.68	-5.130e+05
259	3	217.89	14.71	-2.52e-05	0.0	0.0	20.14	-0.99	-0.04	50.10	14.71	217.89
		-248.50	-5.52	-1.34e-04	0.0	469.9	20.14	-0.99	-0.04	50.10	-5.52	-248.50
259	4	2.063e+04	-88.01	-3.83e-03	-1057.35	0.0	20.68	483.53	-0.08	569.13	-88.01	-3.123e+04
		-5.243e+04	-126.67	-3.97e-04	0.0	469.9	20.68	-573.82	-0.08	569.13	-126.67	-5.243e+04
259	5	74.73	-106.16	2.64e-04	0.0	0.0	-77.95	-5.93	-1.30	2878.39	-106.16	74.73
		-2709.97	-717.64	-7.65e-04	0.0	469.9	-77.95	-5.93	-1.30	2878.39	-717.64	-2709.97
259	6	2.864e+04	2015.66	0.02	0.0	0.0	-2097.25	143.54	13.85	-3.466e+04	-5351.27	-3.887e+04
		-3.887e+04	-5351.27	0.28	0.0	469.9	-2097.25	143.54	13.85	-3.466e+04	2015.66	2.864e+04

259	7	2.296e+04	3250.98	0.02	0.0	0.0	-3191.51	91.40	24.87	-3.106e+04	-8442.37	-2.015e+04
		-2.015e+04	-8442.37	-0.09	0.0	469.9	-3191.51	91.40	24.87	-3.106e+04	3250.98	2.296e+04
259	8	1.805e+05	3253.01	-0.01	0.0	0.0	-4043.14	-649.24	12.87	4515.70	-3140.99	1.805e+05
		-1.247e+05	-3140.99	0.35	0.0	469.9	-4043.14	-649.24	12.87	4515.70	3253.01	-1.247e+05
259	9	2.286e+05	5187.22	-0.01	0.0	0.0	-3269.06	-832.95	23.43	5366.74	-5874.15	2.286e+05
		-1.630e+05	-5874.15	-0.39	0.0	469.9	-3269.06	-832.95	23.43	5366.74	5187.22	-1.630e+05
259	10	1.547e+04	1178.26	0.01	0.0	0.0	-1136.66	77.48	7.77	-1.847e+04	-2929.00	-2.098e+04
		-2.098e+04	-2929.00	0.15	0.0	469.9	-1136.66	77.48	7.77	-1.847e+04	1178.26	1.547e+04
259	11	1.240e+04	1738.91	0.01	0.0	0.0	-1703.41	49.09	13.28	-1.655e+04	-4508.08	-1.077e+04
		-1.077e+04	-4508.08	-0.05	0.0	469.9	-1703.41	49.09	13.28	-1.655e+04	1738.91	1.240e+04
259	12	9.733e+04	1881.56	-6.79e-03	0.0	0.0	-2163.15	-350.13	7.56	2558.40	-1845.64	9.733e+04
		-6.728e+04	-1845.64	0.20	0.0	469.9	-2163.15	-350.13	7.56	2558.40	1881.56	-6.728e+04
259	13	1.216e+05	2787.75	-7.65e-03	0.0	0.0	-1754.66	-442.81	12.52	2879.23	-3128.22	1.216e+05
		-8.665e+04	-3128.22	-0.21	0.0	469.9	-1754.66	-442.81	12.52	2879.23	2787.75	-8.665e+04
259	14	1.161e+04	884.74	8.67e-03	0.0	0.0	-855.57	58.12	5.84	-1.385e+04	-2199.18	-1.574e+04
		-1.574e+04	-2199.18	0.11	0.0	469.9	-855.57	58.12	5.84	-1.385e+04	884.74	1.161e+04
259	15	9314.72	1303.67	9.34e-03	0.0	0.0	-1276.48	36.84	9.96	-1.240e+04	-3378.50	-8077.12
		-8077.12	-3378.50	-0.04	0.0	469.9	-1276.48	36.84	9.96	-1.240e+04	1303.67	9314.72
259	16	7.302e+04	1415.19	-5.09e-03	0.0	0.0	-1623.07	-262.68	5.68	1920.57	-1385.32	7.302e+04
		-5.048e+04	-1385.32	0.15	0.0	469.9	-1623.07	-262.68	5.68	1920.57	1415.19	-5.048e+04
259	17	9.122e+04	2093.25	-5.74e-03	0.0	0.0	-1318.86	-332.26	9.39	2160.44	-2347.89	9.122e+04
		-6.502e+04	-2347.89	-0.16	0.0	469.9	-1318.86	-332.26	9.39	2160.44	2093.25	-6.502e+04
260	1	3.416e+04	3783.45	-7.77e-03	-1762.50	0.0	2587.25	800.61	29.28	2.682e+04	-9976.41	-5.119e+04
		-8.909e+04	-9976.41	2.89e-03	0.0	470.0	2587.25	-961.89	29.28	2.682e+04	3783.45	-8.909e+04
260	2	2.183e+05	3247.80	-0.05	-1.100e+04	0.0	3560.97	5147.86	-15.96	-4841.27	3247.80	-3.456e+05
		-5.106e+05	-4251.49	-1.48e-03	0.0	470.0	3560.97	-5850.72	-15.96	-4841.27	-4251.49	-5.106e+05
260	3	1819.30	43.08	-1.25e-03	0.0	0.0	-83.17	3.77	0.15	28.24	-26.86	47.30
		47.30	-26.86	-2.14e-04	0.0	470.0	-83.17	3.77	0.15	28.24	43.08	1819.30
260	4	2.173e+04	187.11	-5.03e-03	-1057.56	0.0	-157.12	490.62	0.16	-580.25	111.88	-3.160e+04
		-4.951e+04	111.88	-2.17e-04	0.0	470.0	-157.12	-566.93	0.16	-580.25	187.11	-4.951e+04
260	5	396.96	805.57	6.98e-04	0.0	0.0	-140.16	-8.25	1.44	-2969.45	128.05	396.96
		-3481.40	128.05	4.54e-04	0.0	470.0	-140.16	-8.25	1.44	-2969.45	805.57	-3481.40
260	6	3.147e+04	2724.63	-0.02	0.0	0.0	2250.85	-144.34	14.60	-3.500e+04	-4629.92	3.147e+04
		-3.696e+04	-4629.92	0.28	0.0	470.0	2250.85	-144.34	14.60	-3.500e+04	2724.63	-3.696e+04
260	7	1.164e+04	4660.10	-0.02	0.0	0.0	3537.47	-87.27	24.87	-3.201e+04	-7178.13	1.164e+04
		-2.972e+04	-7178.13	-0.09	0.0	470.0	3537.47	-87.27	24.87	-3.201e+04	4660.10	-2.972e+04
260	8	2.268e+05	2604.42	-0.01	0.0	0.0	-3617.63	-826.24	-14.84	6844.54	2604.42	2.268e+05
		-1.618e+05	-4413.25	0.35	0.0	470.0	-3617.63	-826.24	-14.84	6844.54	-4413.25	-1.618e+05
260	9	1.910e+05	2707.73	-0.01	0.0	0.0	-4422.44	-684.71	10.15	6561.96	-2092.97	1.910e+05
		-1.310e+05	-2092.97	-0.39	0.0	470.0	-4422.44	-684.71	10.15	6561.96	2707.73	-1.310e+05
260	10	1.709e+04	1561.25	-0.01	0.0	0.0	1214.28	-77.83	8.08	-1.868e+04	-2536.35	1.709e+04
		-1.983e+04	-2536.35	0.15	0.0	470.0	1214.28	-77.83	8.08	-1.868e+04	1561.25	-1.983e+04
260	11	6253.23	2505.10	-0.01	0.0	0.0	1885.65	-46.89	13.29	-1.707e+04	-3842.33	6253.23
		-1.597e+04	-3842.33	-0.05	0.0	470.0	1885.65	-46.89	13.29	-1.707e+04	2505.10	-1.597e+04
260	12	1.207e+05	1437.62	-7.72e-03	0.0	0.0	-1941.10	-439.57	-8.10	3748.85	1437.62	1.207e+05
		-8.609e+04	-2397.32	0.20	0.0	470.0	-1941.10	-439.57	-8.10	3748.85	-2397.32	-8.609e+04
260	13	1.025e+05	1529.71	-7.25e-03	0.0	0.0	-2367.47	-367.54	5.71	3490.66	-1173.46	1.025e+05
		-7.034e+04	-1173.46	-0.22	0.0	470.0	-2367.47	-367.54	5.71	3490.66	1529.71	-7.034e+04
260	14	1.282e+04	1178.68	-8.80e-03	0.0	0.0	912.95	-58.38	6.06	-1.401e+04	-1905.51	1.282e+04
		-1.488e+04	-1905.51	0.11	0.0	470.0	912.95	-58.38	6.06	-1.401e+04	1178.68	-1.488e+04
260	15	4691.98	1880.03	-7.68e-03	0.0	0.0	1412.73	-35.18	9.96	-1.279e+04	-2881.73	4691.98
		-1.198e+04	-2881.73	-0.03	0.0	470.0	1412.73	-35.18	9.96	-1.279e+04	1880.03	-1.198e+04
260	16	9.052e+04	1079.85	-5.79e-03	0.0	0.0	-1458.56	-329.75	-6.08	2813.78	1079.85	9.052e+04
		-6.458e+04	-1799.59	0.15	0.0	470.0	-1458.56	-329.75	-6.08	2813.78	-1799.59	-6.458e+04
260	17	7.692e+04	1150.47	-5.44e-03	0.0	0.0	-1777.35	-275.78	4.29	2621.07	-881.49	7.692e+04
		-5.278e+04	-881.49	-0.16	0.0	470.0	-1777.35	-275.78	4.29	2621.07	1150.47	-5.278e+04
261	1	1.434e+05	126.19	-0.01	-3900.00	0.0	3960.09	1968.96	2.05	-3304.96	-1209.10	-1.797e+05
		-1.797e+05	-1209.10	4.84e-04	0.0	650.0	3960.09	-1931.04	2.05	-3304.96	126.19	-1.797e+05
261	2	5.652e+05	-2166.92	-0.05	-1.521e+04	0.0	5934.36	7710.95	-1.02	1714.76	-2166.92	-7.048e+05
		-7.048e+05	-2827.87	1.85e-03	0.0	650.0	5934.36	-7501.03	-1.02	1714.76	-2827.87	-6.368e+05
261	3	379.27	16.77	-3.28e-04	0.0	0.0	0.16	1.45	0.07	74.16	-27.41	-564.23
		-564.23	-27.41	-2.29e-04	0.0	650.0	0.16	1.45	0.07	74.16	16.77	379.27
261	4	5.529e+04	221.17	-5.37e-03	-1462.69	0.0	-19.65	739.56	-0.19	184.68	221.17	-6.621e+04
		-6.621e+04	96.67	-3.80e-04	0.0	650.0	-19.65	-723.13	-0.19	184.68	96.67	-6.089e+04
261	5	7077.47	968.26	-7.34e-04	0.0	0.0	-31.53	0.70	-0.74	319.34	968.26	6625.09
		6625.09	489.53	-8.22e-04	0.0	650.0	-31.53	0.70	-0.74	319.34	489.53	7077.47
261	6	-2.148e+04	7821.70	0.01	0.0	0.0	5612.41	-130.74	10.90	-6719.16	7821.70	-2.148e+04
		-1.040e+05	6035.60	0.40	0.0	650.0	5612.41	-130.74	10.90	-6719.16	6035.60	-1.040e+05
261	7	-4.851e+04	1.099e+04	6.74e-03	0.0	0.0	6628.90	-55.00	14.52	-5650.45	1.099e+04	-8.386e+04
		-8.386e+04	1654.98	-0.09	0.0	650.0	6628.90	-55.00	14.52	-5650.45	1654.98	-8.386e+04
261	8	3.976e+04	5547.25	-0.07	0.0	0.0	931.30	-139.84	16.69	2374.11	-5384.50	3.976e+04
		-5.187e+04	-5384.50	0.97	0.0	650.0	931.30	-139.84	16.69	2374.11	5547.25	-5.187e+04
261	9	8.476e+04	1.003e+04	-0.09	0.0	0.0	1644.43	-304.98	28.37	787.13	-8444.34	8.476e+04
		-1.136e+05	-8444.34	-0.59	0.0	650.0	1644.43	-304.98	28.37	787.13	1.003e+04	-1.136e+05
261	10	-1.181e+04	4222.45	5.56e-03	0.0	0.0	3036.77	-70.03	6.29	-3596.03	4222.45	-1.181e+04
		-5.573e+04	3354.05	0.21	0.0	650.0	3036.77	-70.03	6.29	-3596.03	3354.05	-5.573e+04

261	11	-2.596e+04	5866.62	3.63e-03	0.0	0.0	3569.29	-29.58	7.75	-3011.97	892.80	-2.596e+04
		-4.494e+04	892.80	-0.05	0.0	650.0	3569.29	-29.58	7.75	-3011.97	5866.62	-4.494e+04
261	12	2.140e+04	3258.00	-0.04	0.0	0.0	532.52	-75.53	9.78	1272.37	-3142.24	2.140e+04
		-2.810e+04	-3142.24	0.53	0.0	650.0	532.52	-75.53	9.78	1272.37	3258.00	-2.810e+04
261	13	4.513e+04	5362.72	-0.05	0.0	0.0	879.44	-162.17	15.18	454.66	-4530.35	4.513e+04
		-6.036e+04	-4530.35	-0.32	0.0	650.0	879.44	-162.17	15.18	454.66	5362.72	-6.036e+04
261	14	-8915.06	3168.64	4.17e-03	0.0	0.0	2283.83	-52.51	4.72	-2698.52	3168.64	-8915.06
		-4.182e+04	2516.91	0.16	0.0	650.0	2283.83	-52.51	4.72	-2698.52	2516.91	-4.182e+04
261	15	-1.946e+04	4396.69	2.72e-03	0.0	0.0	2679.77	-22.20	5.81	-2256.46	670.65	-1.946e+04
		-3.370e+04	670.65	-0.04	0.0	650.0	2679.77	-22.20	5.81	-2256.46	4396.69	-3.370e+04
261	16	1.607e+04	2450.04	-0.03	0.0	0.0	400.24	-56.73	7.35	956.51	-2362.77	1.607e+04
		-2.111e+04	-2362.77	0.39	0.0	650.0	400.24	-56.73	7.35	956.51	2450.04	-2.111e+04
261	17	3.387e+04	4027.10	-0.04	0.0	0.0	661.20	-121.70	11.40	346.79	-3401.25	3.387e+04
		-4.529e+04	-3401.25	-0.24	0.0	650.0	661.20	-121.70	11.40	346.79	4027.10	-4.529e+04
262	1	1.443e+05	1109.13	-0.01	-3900.00	0.0	3781.43	1962.73	-1.80	3472.73	1109.13	-1.767e+05
		-1.767e+05	-61.19	-6.86e-04	0.0	650.0	3781.43	-1937.27	-1.80	3472.73	-61.19	-1.684e+05
262	2	5.675e+05	3014.18	-0.05	-1.521e+04	0.0	5332.21	7668.89	1.76	-626.61	1867.87	-6.888e+05
		-6.888e+05	1867.87	-3.06e-03	0.0	650.0	5332.21	-7543.09	1.76	-626.61	3014.18	-6.481e+05
262	3	4762.23	22.75	1.49e-03	0.0	0.0	-115.00	-12.14	0.08	295.52	-29.87	4762.23
		-3125.91	-29.87	-2.54e-04	0.0	650.0	-115.00	-12.14	0.08	295.52	22.75	-3125.91
262	4	5.660e+04	-27.17	-4.24e-03	-1462.69	0.0	-204.74	719.28	0.48	383.96	-339.05	-5.831e+04
		-6.617e+04	-339.05	-4.05e-04	0.0	650.0	-204.74	-743.41	0.48	383.96	-27.17	-6.617e+04
262	5	7251.16	-442.24	-7.13e-04	0.0	0.0	-60.91	2.13	1.06	-76.60	-1132.69	5864.72
		5864.72	-1132.69	6.49e-04	0.0	650.0	-60.91	2.13	1.06	-76.60	-442.24	7251.16
262	6	9.404e+04	8022.93	-0.02	0.0	0.0	-4809.25	88.10	14.03	3345.23	-4620.04	9.404e+04
		-4.075e+04	-4620.04	0.39	0.0	650.0	-4809.25	88.10	14.03	3345.23	8022.93	-4.075e+04
262	7	7.619e+04	1.328e+04	-0.01	0.0	0.0	-5697.68	23.12	26.01	3043.86	-4137.55	6.252e+04
		6.252e+04	-4137.55	-0.10	0.0	650.0	-5697.68	23.12	26.01	3043.86	1.328e+04	7.619e+04
262	8	8.753e+04	1.018e+04	-0.09	0.0	0.0	1618.81	-311.34	-33.54	-971.65	1.018e+04	8.753e+04
		-1.152e+05	-1.164e+04	0.97	0.0	650.0	1618.81	-311.34	-33.54	-971.65	-1.164e+04	-1.152e+05
262	9	4.265e+04	4681.81	-0.08	0.0	0.0	588.55	-153.91	-14.97	-2143.06	4681.81	4.265e+04
		-5.751e+04	-5071.66	-0.59	0.0	650.0	588.55	-153.91	-14.97	-2143.06	-5071.66	-5.751e+04
262	10	5.036e+04	4400.82	-9.54e-03	0.0	0.0	-2602.86	47.44	8.05	1988.28	-2654.14	2.205e+04
		2.205e+04	-2654.14	0.21	0.0	650.0	-2602.86	47.44	8.05	1988.28	4400.82	5.036e+04
262	11	4.079e+04	7087.93	-6.69e-03	0.0	0.0	-3073.34	12.58	13.94	1792.07	-2298.50	3.346e+04
		3.346e+04	-2298.50	-0.05	0.0	650.0	-3073.34	12.58	13.94	1792.07	7087.93	4.079e+04
262	12	4.654e+04	5458.74	-0.05	0.0	0.0	871.20	-165.47	-17.97	-563.78	5458.74	4.654e+04
		-6.122e+04	-6229.33	0.52	0.0	650.0	871.20	-165.47	-17.97	-563.78	-6229.33	-6.122e+04
262	13	2.308e+04	2749.82	-0.04	0.0	0.0	345.40	-83.15	-8.80	-1147.12	2749.82	2.308e+04
		-3.104e+04	-2978.65	-0.33	0.0	650.0	345.40	-83.15	-8.80	-1147.12	-2978.65	-3.104e+04
262	14	3.778e+04	3303.37	-7.15e-03	0.0	0.0	-1958.00	35.58	6.06	1525.29	-2010.06	1.659e+04
		1.659e+04	-2010.06	0.15	0.0	650.0	-1958.00	35.58	6.06	1525.29	3303.37	3.778e+04
262	15	3.058e+04	5311.55	-5.01e-03	0.0	0.0	-2308.41	9.47	10.45	1372.45	-1738.36	2.509e+04
		2.509e+04	-1738.36	-0.04	0.0	650.0	-2308.41	9.47	10.45	1372.45	5311.55	3.058e+04
262	16	3.492e+04	4097.68	-0.04	0.0	0.0	656.30	-124.13	-13.49	-426.13	4097.68	3.492e+04
		-4.592e+04	-4676.71	0.39	0.0	650.0	656.30	-124.13	-13.49	-426.13	-4676.71	-4.592e+04
262	17	1.736e+04	2068.43	-0.03	0.0	0.0	261.06	-62.50	-6.62	-862.18	2068.43	1.736e+04
		-2.332e+04	-2240.91	-0.24	0.0	650.0	261.06	-62.50	-6.62	-862.18	-2240.91	-2.332e+04
263	1	1.899e+04	1831.94	3.24e-03	-1650.00	0.0	2472.18	837.31	6.21	1549.35	-899.18	-7.446e+04
		-7.446e+04	-899.18	-1.08e-03	0.0	440.0	2472.18	-812.69	6.21	1549.35	1831.94	-6.905e+04
263	2	1.651e+05	2460.41	-0.02	-1.030e+04	0.0	3605.80	5503.70	-0.25	-1.260e+04	2460.41	-4.804e+05
		-4.804e+05	2352.23	-2.11e-03	0.0	440.0	3605.80	-4792.30	-0.25	-1.260e+04	2352.23	-3.239e+05
263	3	581.37	81.28	-1.42e-04	0.0	0.0	-6.81	1.71	-0.51	4.49	81.28	-172.45
		-172.45	-143.50	-1.30e-04	0.0	440.0	-6.81	1.71	-0.51	4.49	-143.50	581.37
263	4	1.815e+04	22.17	-1.76e-03	-990.00	0.0	-22.78	546.23	0.34	-744.63	-126.64	-4.813e+04
		-4.813e+04	-126.64	-1.02e-04	0.0	440.0	-22.78	-443.77	0.34	-744.63	22.17	-2.558e+04
263	5	-1403.72	592.33	1.08e-03	0.0	0.0	-76.52	1.31	3.40	-3703.67	-902.94	-1980.72
		-1980.72	-902.94	3.89e-04	0.0	440.0	-76.52	1.31	3.40	-3703.67	592.33	-1403.72
263	6	2.484e+04	7247.42	-0.04	0.0	0.0	5057.08	-102.88	30.96	3.838e+04	-6373.67	2.484e+04
		2.387e+04	-6373.67	0.27	0.0	440.0	5057.08	-102.88	30.96	3.838e+04	7247.42	2.387e+04
263	7	3.216e+04	1.316e+04	-0.03	0.0	0.0	7703.12	-115.89	52.48	4.513e+04	-9930.73	3.216e+04
		-1.903e+04	-9930.73	-0.04	0.0	440.0	7703.12	-115.89	52.48	4.513e+04	1.316e+04	-1.903e+04
263	8	2.070e+05	4731.51	0.07	0.0	0.0	4175.79	-991.01	-24.71	-1.379e+04	4731.51	2.070e+05
		-2.292e+05	-6240.19	0.39	0.0	440.0	4175.79	-991.01	-24.71	-1.379e+04	-6240.19	-2.292e+05
263	9	2.643e+05	-5338.70	0.08	0.0	0.0	5848.56	-1238.67	-23.64	-5387.19	-5338.70	2.643e+05
		-2.808e+05	-5410.14	-0.36	0.0	440.0	5848.56	-1238.67	-23.64	-5387.19	-5410.14	-2.808e+05
263	10	1.450e+04	3954.80	-0.02	0.0	0.0	2724.76	-60.20	16.90	2.053e+04	-3480.18	1.450e+04
		1.368e+04	-3480.18	0.14	0.0	440.0	2724.76	-60.20	16.90	2.053e+04	3954.80	1.368e+04
263	11	1.725e+04	7005.20	-0.01	0.0	0.0	4121.19	-62.34	27.94	2.408e+04	-5287.18	1.725e+04
		-1.029e+04	-5287.18	-0.02	0.0	440.0	4121.19	-62.34	27.94	2.408e+04	7005.20	-1.029e+04
263	12	1.117e+05	2669.89	0.04	0.0	0.0	2296.91	-534.59	-13.87	-7371.23	2669.89	1.117e+05
		-1.236e+05	-3493.43	0.21	0.0	440.0	2296.91	-534.59	-13.87	-7371.23	-3493.43	-1.236e+05
263	13	1.406e+05	-2905.24	0.04	0.0	0.0	3117.74	-658.68	-13.17	-3079.48	-2905.24	1.406e+05
		-1.494e+05	-3092.65	-0.20	0.0	440.0	3117.74	-658.68	-13.17	-3079.48	-3092.65	-1.494e+05
263	14	1.092e+04	2965.81	-0.01	0.0	0.0	2045.58	-45.30	12.67	1.540e+04	-2609.95	1.092e+04
		1.028e+04	-2609.95	0.10	0.0	440.0	2045.58	-45.30	12.67	1.540e+04	2965.81	1.028e+04

263	15	1.294e+04	5246.41	-0.01	0.0	0.0	3089.81	-46.79	20.92	1.804e+04	-3959.96	1.294e+04
		-7731.32	-3959.96	-0.01	0.0	440.0	3089.81	-46.79	20.92	1.804e+04	5246.41	-7731.32
263	16	8.384e+04	2009.03	0.03	0.0	0.0	1723.32	-401.07	-10.44	-5536.15	2009.03	8.384e+04
		-9.269e+04	-2634.37	0.16	0.0	440.0	1723.32	-401.07	-10.44	-5536.15	-2634.37	-9.269e+04
263	17	1.055e+05	-2182.41	0.03	0.0	0.0	2342.98	-494.28	-9.92	-2314.11	-2182.41	1.055e+05
		-1.121e+05	-2338.75	-0.15	0.0	440.0	2342.98	-494.28	-9.92	-2314.11	-2338.75	-1.121e+05
264	1	1.910e+04	953.17	3.15e-03	-1650.00	0.0	2355.75	838.69	-6.34	-1438.60	953.17	-7.467e+04
		-7.467e+04	-1837.26	8.92e-04	0.0	440.0	2355.75	-811.31	-6.34	-1438.60	-1837.26	-6.864e+04
264	2	1.644e+05	-2190.45	-0.01	-1.030e+04	0.0	3270.21	5510.09	-0.83	1.269e+04	-2190.45	-4.827e+05
		-4.827e+05	-2555.00	1.44e-03	0.0	440.0	3270.21	-4785.91	-0.83	1.269e+04	-2555.00	-3.234e+05
264	3	664.40	65.88	3.32e-04	0.0	0.0	-63.56	3.79	0.18	-47.36	-14.30	-1001.27
		-1001.27	-14.30	-1.23e-04	0.0	440.0	-63.56	3.79	0.18	-47.36	65.88	664.40
264	4	1.768e+04	237.59	2.08e-03	-990.00	0.0	-114.69	549.27	-0.86	693.56	237.59	-4.935e+04
		-4.935e+04	-142.92	-3.01e-04	0.0	440.0	-114.69	-440.73	-0.86	693.56	-142.92	-2.547e+04
264	5	-1419.09	951.91	1.07e-03	0.0	0.0	-95.12	1.01	-3.55	3734.11	951.91	-1861.73
		-1861.73	-609.54	-7.10e-04	0.0	440.0	-95.12	1.01	-3.55	3734.11	-609.54	-1419.09
264	6	-2.608e+04	6718.60	0.04	0.0	0.0	-4312.74	128.52	27.89	3.706e+04	-5578.76	-2.608e+04
		-3.315e+04	-5578.76	0.27	0.0	440.0	-4312.74	128.52	27.89	3.706e+04	6718.60	-3.315e+04
264	7	1.067e+04	1.223e+04	0.02	0.0	0.0	-6893.50	75.26	48.22	4.374e+04	-8990.82	-2.309e+04
		-2.309e+04	-8990.82	-0.04	0.0	440.0	-6893.50	75.26	48.22	4.374e+04	1.223e+04	1.067e+04
264	8	2.601e+05	5750.76	0.08	0.0	0.0	5937.83	-1218.04	-23.32	7701.27	5750.76	2.601e+05
		-2.760e+05	4728.30	0.38	0.0	440.0	5937.83	-1218.04	-23.32	7701.27	4728.30	-2.760e+05
264	9	2.144e+05	4744.74	0.07	0.0	0.0	4512.41	-1025.73	19.21	1.157e+04	-3795.44	2.144e+05
		-2.370e+05	-3795.44	-0.37	0.0	440.0	4512.41	-1025.73	19.21	1.157e+04	4744.74	-2.370e+05
264	10	-1.497e+04	3657.91	0.02	0.0	0.0	-2325.08	72.31	15.24	1.983e+04	-3062.91	-1.497e+04
		-1.828e+04	-3062.91	0.14	0.0	440.0	-2325.08	72.31	15.24	1.983e+04	3657.91	-1.828e+04
264	11	5887.48	6510.67	0.01	0.0	0.0	-3689.33	40.87	25.66	2.334e+04	-4786.90	-1.245e+04
		-1.245e+04	-4786.90	-0.02	0.0	440.0	-3689.33	40.87	25.66	2.334e+04	6510.67	5887.48
264	12	1.384e+05	3137.68	0.04	0.0	0.0	3172.66	-648.04	-12.94	4291.72	3137.68	1.384e+05
		-1.469e+05	2681.14	0.21	0.0	440.0	3172.66	-648.04	-12.94	4291.72	2681.14	-1.469e+05
264	13	1.153e+05	2612.21	0.04	0.0	0.0	2459.85	-551.18	10.70	6184.13	-2147.37	1.153e+05
		-1.273e+05	-2147.37	-0.20	0.0	440.0	2459.85	-551.18	10.70	6184.13	2612.21	-1.273e+05
264	14	-1.127e+04	2742.75	0.01	0.0	0.0	-1745.77	54.33	11.43	1.487e+04	-2297.64	-1.127e+04
		-1.372e+04	-2297.64	0.10	0.0	440.0	-1745.77	54.33	11.43	1.487e+04	2742.75	-1.372e+04
264	15	4447.78	4875.79	8.52e-03	0.0	0.0	-2766.37	30.76	19.22	1.749e+04	-3585.46	-9356.74
		-9356.74	-3585.46	-0.01	0.0	440.0	-2766.37	30.76	19.22	1.749e+04	4875.79	4447.78
264	16	1.038e+05	2355.79	0.03	0.0	0.0	2385.15	-486.19	-9.72	3223.88	2355.79	1.038e+05
		-1.102e+05	2012.39	0.16	0.0	440.0	2385.15	-486.19	-9.72	3223.88	2012.39	-1.102e+05
264	17	8.650e+04	1964.18	0.03	0.0	0.0	1848.11	-413.62	8.05	4644.45	-1616.61	8.650e+04
		-9.555e+04	-1616.61	-0.15	0.0	440.0	1848.11	-413.62	8.05	4644.45	1964.18	-9.555e+04
265	1	1.460e+04	4866.12	-5.74e-03	-1319.88	0.0	716.36	655.59	22.23	3452.69	-3443.12	-4.626e+04
		-4.789e+04	-3443.12	-4.62e-03	0.0	373.8	1188.74	-664.29	22.23	3452.69	4866.12	-4.789e+04
265	2	9.517e+04	1.602e+04	-0.01	-7109.58	0.0	-681.57	3488.88	69.12	1.972e+04	-9821.50	-2.006e+05
		-2.756e+05	-9821.50	-9.74e-03	0.0	373.8	1862.97	-3620.70	69.12	1.972e+04	1.602e+04	-2.756e+05
265	3	937.86	179.17	-8.87e-05	0.0	0.0	-22.25	-4.67	-0.40	148.97	179.17	937.86
		-808.16	27.93	-2.55e-04	0.0	373.8	-22.25	-4.67	-0.40	148.97	27.93	-808.16
265	4	1380.79	395.73	-2.27e-04	0.0	0.0	12.05	-13.52	-5.99	402.84	395.73	1380.79
		-3674.53	-1841.81	-5.88e-04	0.0	373.8	12.05	-13.52	-5.99	402.84	-1841.81	-3674.53
265	5	953.00	2614.08	-9.90e-04	0.0	0.0	-83.00	-24.27	-31.06	427.20	2614.08	953.00
		-8121.69	-8998.23	1.76e-03	0.0	373.8	-83.00	-24.27	-31.06	427.20	-8998.23	-8121.69
265	6	7.745e+04	3.134e+04	-0.04	0.0	0.0	5877.93	-483.44	-159.62	-1.937e+04	3.134e+04	7.745e+04
		-1.037e+05	-2.846e+04	0.23	0.0	373.8	5877.93	-483.44	-159.62	-1.937e+04	-2.846e+04	-1.037e+05
265	7	1.700e+04	5.045e+04	-0.02	0.0	0.0	7306.11	-158.82	-261.60	-2.260e+04	5.045e+04	1.700e+04
		-4.279e+04	-4.735e+04	9.93e-03	0.0	373.8	7306.11	-158.82	-261.60	-2.260e+04	-4.735e+04	-4.279e+04
265	8	1.982e+05	1.975e+04	0.05	0.0	0.0	2004.10	999.62	-140.40	-6927.02	1.975e+04	-1.755e+05
		-1.755e+05	-3.420e+04	0.31	0.0	373.8	2004.10	999.62	-140.40	-6927.02	-3.420e+04	-1.755e+05
265	9	2.925e+05	4.022e+04	0.04	0.0	0.0	2782.59	1496.50	-277.20	-1.474e+04	4.022e+04	-2.670e+05
		-2.670e+05	-6.360e+04	-0.26	0.0	373.8	2782.59	1496.50	-277.20	-1.474e+04	-6.360e+04	-2.670e+05
265	10	4.208e+04	1.702e+04	-0.02	0.0	0.0	3161.65	-261.15	-87.13	-1.040e+04	1.702e+04	4.208e+04
		-5.578e+04	-1.563e+04	0.12	0.0	373.8	3161.65	-261.15	-87.13	-1.040e+04	-1.563e+04	-5.578e+04
265	11	9126.18	2.685e+04	-0.01	0.0	0.0	3895.57	-84.65	-139.23	-1.204e+04	2.685e+04	9126.18
		-2.278e+04	-2.520e+04	5.29e-03	0.0	373.8	3895.57	-84.65	-139.23	-1.204e+04	-2.520e+04	-2.278e+04
265	12	1.086e+05	1.158e+04	0.03	0.0	0.0	1132.14	548.26	-80.87	-3961.60	1.158e+04	-9.640e+04
		-9.640e+04	-1.940e+04	0.17	0.0	373.8	1132.14	548.26	-80.87	-3961.60	-1.940e+04	-9.640e+04
265	13	1.552e+05	2.140e+04	0.02	0.0	0.0	1493.79	794.24	-147.25	-7818.66	2.140e+04	-1.417e+05
		-1.417e+05	-3.378e+04	-0.14	0.0	373.8	1493.79	794.24	-147.25	-7818.66	-3.378e+04	-1.417e+05
265	14	3.156e+04	1.276e+04	-0.02	0.0	0.0	2371.57	-195.83	-65.34	-7798.42	1.276e+04	3.156e+04
		-4.182e+04	-1.172e+04	0.09	0.0	373.8	2371.57	-195.83	-65.34	-7798.42	-1.172e+04	-4.182e+04
265	15	6845.84	2.011e+04	-9.62e-03	0.0	0.0	2918.56	-63.41	-104.27	-9018.16	2.011e+04	6845.84
		-1.706e+04	-1.887e+04	3.96e-03	0.0	373.8	2918.56	-63.41	-104.27	-9018.16	-1.887e+04	-1.706e+04
265	16	8.147e+04	8692.35	0.02	0.0	0.0	849.73	411.32	-60.69	-2972.43	8692.35	-7.232e+04
		-7.232e+04	-1.456e+04	0.13	0.0	373.8	849.73	411.32	-60.69	-2972.43	-1.456e+04	-7.232e+04
265	17	1.165e+05	1.606e+04	0.01	0.0	0.0	1121.90	595.99	-110.51	-5866.95	1.606e+04	-1.064e+05
		-1.064e+05	-2.535e+04	-0.11	0.0	373.8	1121.90	595.99	-110.51	-5866.95	-2.535e+04	-1.064e+05
266	1	5.370e+04	1.632e+04	9.08e-03	-1319.88	0.0	-2306.53	291.00	-57.13	-2.081e+04	1.632e+04	4.192e+04
		-9.600e+04	-5037.76	-4.62e-03	0.0	373.8	-2778.91	-1028.88	-57.13	-2.081e+04	-5037.76	-9.600e+04

266	2	2.337e+05	-1208.56	0.02	-1.429e+04	0.0	-2591.65	7368.26	-4.04	-7606.56	-1208.56	-4.758e+05
		-4.758e+05	-2719.26	-6.20e-03	0.0	373.8	-7706.28	-6922.30	-4.04	-7606.56	-2719.26	-3.924e+05
266	3	448.28	202.64	2.40e-04	0.0	0.0	-49.58	0.64	0.74	-248.81	-72.88	208.34
		208.34	-72.88	-2.21e-04	0.0	373.8	-49.58	0.64	0.74	-248.81	202.64	448.28
266	4	337.97	501.25	1.16e-03	0.0	0.0	-60.84	3.21	3.62	-398.29	-850.86	-862.16
		-862.16	-850.86	-4.53e-04	0.0	373.8	-60.84	3.21	3.62	-398.29	501.25	337.97
266	5	7207.02	1198.33	-1.37e-03	0.0	0.0	42.37	48.67	11.55	-147.77	-3117.75	-1.099e+04
		-1.099e+04	-3117.75	6.27e-04	0.0	373.8	42.37	48.67	11.55	-147.77	1198.33	7207.02
266	6	1.705e+05	5.381e+04	-6.84e-03	0.0	0.0	-8793.10	-778.79	-204.50	-1.918e+04	5.381e+04	1.705e+05
		-1.207e+05	-2.268e+04	0.23	0.0	373.8	-8793.10	-778.79	-204.50	-1.918e+04	-2.268e+04	-1.207e+05
266	7	2.106e+05	6.557e+04	-9.69e-03	0.0	0.0	-9219.48	-959.17	-268.23	-1.768e+04	6.557e+04	2.106e+05
		-1.480e+05	-3.472e+04	-8.10e-03	0.0	373.8	-9219.48	-959.17	-268.23	-1.768e+04	-3.472e+04	-1.480e+05
266	8	1.429e+05	1.887e+04	-0.03	0.0	0.0	4758.19	-711.06	122.60	5862.86	-2.702e+04	1.429e+05
		-1.231e+05	-2.702e+04	0.32	0.0	373.8	4758.19	-711.06	122.60	5862.86	1.887e+04	-1.231e+05
266	9	2.231e+05	1.079e+04	-0.05	0.0	0.0	2406.37	-1076.35	47.68	-3185.00	-9247.52	2.231e+05
		-1.793e+05	-9247.52	-0.27	0.0	373.8	2406.37	-1076.35	47.68	-3185.00	1.079e+04	-1.793e+05
266	10	9.151e+04	2.880e+04	-3.87e-03	0.0	0.0	-4698.68	-418.01	-109.48	-1.025e+04	2.880e+04	9.151e+04
		-6.476e+04	-1.216e+04	0.12	0.0	373.8	-4698.68	-418.01	-109.48	-1.025e+04	-1.216e+04	-6.476e+04
266	11	1.125e+05	3.495e+04	-5.13e-03	0.0	0.0	-4920.19	-512.65	-142.88	-9464.83	3.495e+04	1.125e+05
		-7.910e+04	-1.848e+04	-4.31e-03	0.0	373.8	-4920.19	-512.65	-142.88	-9464.83	-1.848e+04	-7.910e+04
266	12	7.778e+04	1.009e+04	-0.01	0.0	0.0	2533.86	-385.99	65.45	3115.73	-1.442e+04	7.778e+04
		-6.661e+04	-1.442e+04	0.17	0.0	373.8	2533.86	-385.99	65.45	3115.73	1.009e+04	-6.661e+04
266	13	1.186e+05	6161.88	-0.03	0.0	0.0	1327.50	-572.29	27.89	-1773.75	-5380.22	1.186e+05
		-9.538e+04	-5380.22	-0.15	0.0	373.8	1327.50	-572.29	27.89	-1773.75	6161.88	-9.538e+04
266	14	6.866e+04	2.159e+04	-2.90e-03	0.0	0.0	-3523.94	-313.64	-82.08	-7688.42	2.159e+04	6.866e+04
		-4.859e+04	-9116.22	0.09	0.0	373.8	-3523.94	-313.64	-82.08	-7688.42	-9116.22	-4.859e+04
266	15	8.436e+04	2.618e+04	-3.84e-03	0.0	0.0	-3686.92	-384.27	-107.03	-7097.09	2.618e+04	8.436e+04
		-5.929e+04	-1.384e+04	-3.23e-03	0.0	373.8	-3686.92	-384.27	-107.03	-7097.09	-1.384e+04	-5.929e+04
266	16	5.835e+04	7580.70	-0.01	0.0	0.0	1902.54	-289.54	49.15	2338.11	-1.083e+04	5.835e+04
		-4.997e+04	-1.083e+04	0.13	0.0	373.8	1902.54	-289.54	49.15	2338.11	7580.70	-4.997e+04
266	17	8.902e+04	4638.67	-0.02	0.0	0.0	998.96	-429.57	20.96	-1350.26	-4044.22	8.902e+04
		-7.159e+04	-4044.22	-0.11	0.0	373.8	998.96	-429.57	20.96	-1350.26	4638.67	-7.159e+04
267	1	5.339e+04	1.632e+04	-0.01	-1319.88	0.0	-2785.65	1026.63	56.72	2.083e+04	-4885.09	-9.568e+04
		-9.568e+04	-4885.09	3.27e-03	0.0	373.8	-2785.65	1026.63	56.72	2.083e+04	1.632e+04	-9.568e+04
267	2	2.330e+05	-1266.12	-0.04	-1.429e+04	0.0	-7738.94	6909.13	2.98	7481.99	-2379.84	-3.907e+05
		-4.790e+05	-2379.84	5.06e-03	0.0	373.8	-7738.94	6909.13	2.98	7481.99	-1266.12	-4.790e+05
267	3	945.87	219.13	-2.86e-04	0.0	0.0	-54.87	-4.61	-0.49	263.28	219.13	945.87
		-777.13	37.18	-8.03e-05	0.0	373.8	-54.87	-4.61	-0.49	263.28	37.18	-777.13
267	4	1111.03	531.37	-1.23e-03	0.0	0.0	-68.34	-9.34	-3.31	409.31	531.37	1111.03
		-2380.19	-707.85	1.19e-04	0.0	373.8	-68.34	-9.34	-3.31	409.31	-707.85	-2380.19
267	5	7258.00	1210.58	1.54e-03	0.0	0.0	40.98	-48.99	-11.62	140.46	1210.58	7258.00
		-1.106e+04	-3132.85	-4.62e-04	0.0	373.8	40.98	-48.99	-11.62	140.46	-3132.85	-1.106e+04
267	6	1.013e+05	1.472e+04	4.49e-03	0.0	0.0	8697.18	-664.40	-181.67	-1.960e+04	1.472e+04	1.013e+05
		-1.470e+05	-5.322e+04	0.23	0.0	373.8	8697.18	-664.40	-181.67	-1.960e+04	-5.322e+04	-1.470e+05
267	7	1.277e+05	2.376e+04	-0.05	0.0	0.0	9370.38	-841.24	-233.86	-1.821e+04	2.376e+04	1.277e+05
		-1.868e+05	-6.370e+04	0.05	0.0	373.8	9370.38	-841.24	-233.86	-1.821e+04	-6.370e+04	-1.868e+05
267	8	2.235e+05	8811.99	0.05	0.0	0.0	2258.05	1075.84	-44.56	4373.82	8811.99	1.787e+05
		-1.787e+05	-1.183e+04	0.30	0.0	373.8	2258.05	1075.84	-44.56	4373.82	-1.183e+04	-1.787e+05
267	9	1.548e+05	1.244e+04	0.03	0.0	0.0	4524.37	770.75	-94.09	-5916.33	1.244e+04	-1.335e+05
		-1.335e+05	-2.293e+04	-0.28	0.0	373.8	4524.37	770.75	-94.09	-5916.33	-2.293e+04	-1.335e+05
267	10	5.435e+04	7871.75	2.01e-03	0.0	0.0	4646.70	-356.52	-97.20	-1.048e+04	7871.75	5.435e+04
		-7.893e+04	-2.848e+04	0.12	0.0	373.8	4646.70	-356.52	-97.20	-1.048e+04	-2.848e+04	-7.893e+04
267	11	6.828e+04	1.264e+04	-0.03	0.0	0.0	4999.67	-449.63	-124.57	-9755.36	1.264e+04	6.828e+04
		-9.980e+04	-3.395e+04	0.02	0.0	373.8	4999.67	-449.63	-124.57	-9755.36	-3.395e+04	-9.980e+04
267	12	1.189e+05	4980.50	0.03	0.0	0.0	1257.45	572.66	-25.96	2388.50	4980.50	-9.519e+04
		-9.519e+04	-6712.16	0.17	0.0	373.8	1257.45	572.66	-25.96	2388.50	-6712.16	-9.519e+04
267	13	8.355e+04	6645.42	0.01	0.0	0.0	2407.63	415.34	-50.14	-3151.96	6645.42	-7.179e+04
		-7.179e+04	-1.222e+04	-0.15	0.0	373.8	2407.63	415.34	-50.14	-3151.96	-1.222e+04	-7.179e+04
267	14	4.078e+04	5901.25	1.51e-03	0.0	0.0	3484.82	-267.50	-72.88	-7864.45	5901.25	4.078e+04
		-5.923e+04	-2.136e+04	0.09	0.0	373.8	3484.82	-267.50	-72.88	-7864.45	-2.136e+04	-5.923e+04
267	15	5.119e+04	9468.76	-0.02	0.0	0.0	3746.26	-337.05	-93.31	-7316.47	9468.76	5.119e+04
		-7.481e+04	-2.543e+04	0.02	0.0	373.8	3746.26	-337.05	-93.31	-7316.47	-2.543e+04	-7.481e+04
267	16	8.926e+04	3739.06	0.02	0.0	0.0	945.70	429.82	-19.48	1807.54	3739.06	-7.145e+04
		-7.145e+04	-5042.79	0.13	0.0	373.8	945.70	429.82	-19.48	1807.54	-5042.79	-7.145e+04
267	17	6.270e+04	4998.62	0.01	0.0	0.0	1807.85	311.68	-37.66	-2368.90	4998.62	-5.387e+04
		-5.387e+04	-9176.55	-0.12	0.0	373.8	1807.85	311.68	-37.66	-2368.90	-9176.55	-5.387e+04
268	1	1.464e+04	4623.83	5.71e-03	-1319.88	0.0	1182.22	664.27	-21.47	-3453.71	4623.83	-4.785e+04
		-4.785e+04	-3401.45	4.41e-03	0.0	373.8	709.84	-655.61	-21.47	-3453.71	-3401.45	-4.785e+04
268	2	9.544e+04	1.661e+04	-6.42e-03	-7109.21	0.0	2020.51	3631.55	-71.29	-1.981e+04	1.661e+04	-2.776e+05
		-2.776e+05	-1.004e+04	8.24e-03	0.0	373.8	-523.90	-3477.66	-71.29	-1.981e+04	-1.004e+04	-2.776e+05
268	3	1799.79	266.36	-1.12e-04	0.0	0.0	42.40	9.27	-0.33	-188.42	266.36	-1667.42
		-1667.42	143.09	-1.54e-04	0.0	373.8	42.40	9.27	-0.33	-188.42	143.09	-1667.42
268	4	2662.15	342.06	2.49e-04	0.0	0.0	108.78	20.35	4.94	-465.60	-1503.15	-4946.80
		-4946.80	-1503.15	3.39e-04	0.0	373.8	108.78	20.35	4.94	-465.60	342.06	-4946.80
268	5	955.70	2630.45	1.16e-03	0.0	0.0	-86.08	24.20	31.32	-430.09	-9078.68	-8090.21
		-8090.21	-9078.68	1.70e-03	0.0	373.8	-86.08	24.20	31.32	-430.09	2630.45	-8090.21

268	6	1.146e+05	2.759e+04	-0.04	0.0	0.0	-5763.72	-542.85	-155.48	-1.914e+04	2.759e+04	1.146e+05
		-8.866e+04	-3.070e+04	0.24	0.0	373.8	-5763.72	-542.85	-155.48	-1.914e+04	-3.070e+04	-8.866e+04
268	7	4.879e+04	4.577e+04	-0.07	0.0	0.0	-7415.97	-191.75	-253.34	-2.294e+04	4.577e+04	4.879e+04
		-2.306e+04	-4.894e+04	0.05	0.0	373.8	-7415.97	-191.75	-253.34	-2.294e+04	-4.894e+04	-2.306e+04
268	8	2.938e+05	4.330e+04	-0.03	0.0	0.0	3332.71	-1508.36	289.31	1.602e+04	-6.500e+04	2.938e+05
		-2.702e+05	-6.500e+04	0.29	0.0	373.8	3332.71	-1508.36	289.31	1.602e+04	4.330e+04	-2.702e+05
268	9	2.052e+05	1.927e+04	-0.05	0.0	0.0	1703.06	-1039.06	142.70	7352.70	-3.486e+04	2.052e+05
		-1.833e+05	-3.486e+04	-0.28	0.0	373.8	1703.06	-1039.06	142.70	7352.70	1.927e+04	-1.833e+05
268	10	1.560e+05	1.517e+04	-0.02	0.0	0.0	-3102.48	-292.64	-84.93	-1.028e+04	1.517e+04	1.560e+05
		-4.799e+04	-1.668e+04	0.12	0.0	373.8	-3102.48	-292.64	-84.93	-1.028e+04	-1.668e+04	-4.799e+04
268	11	2.596e+04	2.436e+04	-0.04	0.0	0.0	-3954.61	-102.07	-134.83	-1.222e+04	2.436e+04	2.596e+04
		-1.230e+04	-2.604e+04	0.03	0.0	373.8	-3954.61	-102.07	-134.83	-1.222e+04	-2.604e+04	-1.230e+04
268	12	1.560e+05	2.308e+04	-0.02	0.0	0.0	1794.03	-801.00	153.93	8513.12	-3.456e+04	1.560e+05
		-1.435e+05	-3.456e+04	0.16	0.0	373.8	1794.03	-801.00	153.93	8513.12	2.308e+04	-1.435e+05
268	13	1.116e+05	1.109e+04	-0.03	0.0	0.0	973.20	-565.50	80.56	4134.06	-1.944e+04	1.116e+05
		-9.983e+04	-1.944e+04	-0.15	0.0	373.8	973.20	-565.50	80.56	4134.06	1.109e+04	-9.983e+04
268	14	4.618e+04	1.138e+04	-0.02	0.0	0.0	-2327.20	-219.44	-63.68	-7707.61	1.138e+04	4.618e+04
		-3.599e+04	-1.251e+04	0.09	0.0	373.8	-2327.20	-219.44	-63.68	-7707.61	-1.251e+04	-3.599e+04
268	15	1.944e+04	1.825e+04	-0.03	0.0	0.0	-2962.90	-76.43	-100.98	-9154.39	1.825e+04	1.944e+04
		-9211.46	-1.950e+04	0.02	0.0	373.8	-2962.90	-76.43	-100.98	-9154.39	-1.950e+04	-9211.46
268	16	1.170e+05	1.732e+04	-0.01	0.0	0.0	1347.46	-600.96	115.52	6387.61	-2.594e+04	1.170e+05
		-1.076e+05	-2.594e+04	0.12	0.0	373.8	1347.46	-600.96	115.52	6387.61	1.732e+04	-1.076e+05
268	17	8.375e+04	8326.69	-0.02	0.0	0.0	731.14	-424.37	60.47	3102.52	-1.459e+04	8.375e+04
		-7.492e+04	-1.459e+04	-0.11	0.0	373.8	731.14	-424.37	60.47	3102.52	8326.69	-7.492e+04
269	1	3.814e+04	6803.40	0.02	-651.16	0.0	1168.00	-455.28	-88.74	-3024.67	6803.40	3.814e+04
		-1.111e+05	-1.015e+04	5.03e-03	0.0	191.1	1467.02	-1106.44	-88.74	-3024.67	-1.015e+04	-1.111e+05
269	2	1.741e+05	2.347e+04	0.08	-3381.66	0.0	508.46	-1839.31	-289.18	-1.114e+04	2.347e+04	1.741e+05
		-5.036e+05	-3.178e+04	0.01	0.0	191.1	2061.38	-5220.97	-289.18	-1.114e+04	-3.178e+04	-5.036e+05
269	3	129.00	-53.34	-3.73e-04	0.0	0.0	-74.43	2.54	0.61	191.60	-169.86	-356.57
		-356.57	-169.86	-1.53e-04	0.0	191.1	-74.43	2.54	0.61	191.60	-53.34	129.00
269	4	-716.60	2580.34	6.97e-04	0.0	0.0	-108.57	-42.41	14.19	25.98	-130.70	-716.60
		-8820.21	-130.70	2.20e-04	0.0	191.1	-108.57	-42.41	14.19	25.98	2580.34	-8820.21
269	5	-177.14	1.271e+04	3.20e-03	0.0	0.0	-227.53	-128.03	73.06	-429.74	-1249.77	-177.14
		-2.464e+04	-1249.77	6.67e-04	0.0	191.1	-227.53	-128.03	73.06	-429.74	1.271e+04	-2.464e+04
269	6	8.646e+04	8.174e+04	-0.06	0.0	0.0	7061.95	1022.26	714.21	1.090e+05	-5.474e+04	-1.094e+05
		-1.094e+05	-5.474e+04	0.10	0.0	191.1	7061.95	1022.26	714.21	1.090e+05	8.174e+04	8.646e+04
269	7	1.236e+05	6.629e+04	-0.10	0.0	0.0	5827.55	1377.03	563.66	9.203e+04	-4.141e+04	-1.397e+05
		-1.397e+05	-4.141e+04	-0.03	0.0	191.1	5827.55	1377.03	563.66	9.203e+04	6.629e+04	1.236e+05
269	8	1.727e+05	-1.150e+04	-0.17	0.0	0.0	-2728.46	1636.70	-140.94	-2.016e+04	-1.150e+04	-1.401e+05
		-1.401e+05	-1.875e+04	0.13	0.0	191.1	-2728.46	1636.70	-140.94	-2.016e+04	-1.875e+04	-1.401e+05
269	9	2.275e+05	1.277e+04	-0.23	0.0	0.0	-5536.12	2144.19	-229.73	-2.544e+04	1.277e+04	-1.822e+05
		-1.822e+05	-3.178e+04	-0.14	0.0	191.1	-5536.12	2144.19	-229.73	-2.544e+04	-3.178e+04	-1.822e+05
269	10	4.718e+04	4.352e+04	-0.03	0.0	0.0	3769.18	554.21	380.30	5.808e+04	-2.915e+04	-5.904e+04
		-5.904e+04	-2.915e+04	0.05	0.0	191.1	3769.18	554.21	380.30	5.808e+04	4.352e+04	4.718e+04
269	11	6.639e+04	3.528e+04	-0.06	0.0	0.0	3107.61	738.45	299.97	4.899e+04	-2.204e+04	-7.477e+04
		-7.477e+04	-2.204e+04	-0.02	0.0	191.1	3107.61	738.45	299.97	4.899e+04	3.528e+04	6.639e+04
269	12	9.422e+04	-6529.39	-0.09	0.0	0.0	-1567.01	893.27	-81.97	-1.152e+04	-1.077e+04	9.422e+04
		-7.650e+04	-1.077e+04	0.07	0.0	191.1	-1567.01	893.27	-81.97	-1.152e+04	-1.077e+04	-7.650e+04
269	13	1.218e+05	6948.85	-0.12	0.0	0.0	-2938.77	1147.56	-122.65	-1.374e+04	6948.85	-9.753e+04
		-9.753e+04	-1.690e+04	-0.08	0.0	191.1	-2938.77	1147.56	-122.65	-1.374e+04	-1.690e+04	-9.753e+04
269	14	3.545e+04	3.263e+04	-0.03	0.0	0.0	2827.01	416.16	285.14	4.355e+04	-2.186e+04	-4.432e+04
		-4.432e+04	-2.186e+04	0.04	0.0	191.1	2827.01	416.16	285.14	4.355e+04	3.263e+04	3.545e+04
269	15	4.982e+04	2.642e+04	-0.04	0.0	0.0	2328.25	553.91	224.64	3.669e+04	-1.650e+04	-5.607e+04
		-5.607e+04	-1.650e+04	-0.01	0.0	191.1	2328.25	553.91	224.64	3.669e+04	2.642e+04	4.982e+04
269	16	7.069e+04	-4901.67	-0.07	0.0	0.0	-1176.13	670.19	-61.54	-8646.18	-4901.67	-5.740e+04
		-5.740e+04	-8083.73	0.05	0.0	191.1	-1176.13	670.19	-61.54	-8646.18	-8083.73	-5.740e+04
269	17	9.164e+04	5214.15	-0.09	0.0	0.0	-2205.20	863.36	-92.03	-1.031e+04	5214.15	-7.337e+04
		-7.337e+04	-1.268e+04	-0.06	0.0	191.1	-2205.20	863.36	-92.03	-1.031e+04	-1.268e+04	-7.337e+04
270	1	3.892e+04	6428.57	-0.02	-651.39	0.0	1528.55	1108.03	79.21	3150.84	-8708.33	-1.106e+05
		-1.106e+05	-8708.33	-4.97e-03	0.0	191.1	1229.73	456.65	79.21	3150.84	6428.57	3.892e+04
270	2	1.751e+05	2.163e+04	-0.08	-3381.65	0.0	2601.21	5203.33	246.71	1.138e+04	-2.552e+04	-4.993e+05
		-4.993e+05	-2.552e+04	-0.02	0.0	191.1	1049.91	1821.68	246.71	1.138e+04	2.163e+04	1.751e+05
270	3	1791.04	1270.00	4.21e-04	0.0	0.0	83.03	-11.97	-9.35	-43.78	1270.00	1791.04
		-496.01	-517.40	5.29e-05	0.0	191.1	83.03	-11.97	-9.35	-43.78	-517.40	-496.01
270	4	-886.84	4691.63	-5.86e-04	0.0	0.0	130.15	28.48	-28.08	200.31	4691.63	-6329.60
		-6329.60	-673.79	-4.67e-04	0.0	191.1	130.15	28.48	-28.08	200.31	-673.79	-886.84
270	5	98.66	1.339e+04	-3.30e-03	0.0	0.0	-223.68	127.39	-76.94	546.10	1.339e+04	-2.425e+04
		-2.425e+04	-1312.87	-1.22e-03	0.0	191.1	-223.68	127.39	-76.94	546.10	-1312.87	98.66
270	6	9.563e+04	5.167e+04	-0.05	0.0	0.0	-7106.88	959.23	638.91	1.059e+05	-7.045e+04	-8.799e+04
		-8.799e+04	-7.045e+04	0.10	0.0	191.1	-7106.88	959.23	638.91	1.059e+05	5.167e+04	9.563e+04
270	7	1.267e+05	3.938e+04	-0.09	0.0	0.0	-5932.28	1321.94	510.44	8.935e+04	-5.818e+04	-1.259e+05
		-1.259e+05	-5.818e+04	-0.03	0.0	191.1	-5932.28	1321.94	510.44	8.935e+04	3.938e+04	1.267e+05
270	8	2.337e+05	1.289e+04	0.23	0.0	0.0	-5094.63	-2205.64	191.91	2.696e+04	-2.445e+04	2.337e+05
		-1.879e+05	-2.445e+04	0.15	0.0	191.1	-5094.63	-2205.64	191.91	2.696e+04	1.289e+04	-1.879e+05
270	9	1.904e+05	-9304.29	0.18	0.0	0.0	-2133.63	-1800.75	91.70	1.538e+04	-1.121e+04	1.904e+05
		-1.538e+05	-1.121e+04	-0.13	0.0	191.1	-2133.63	-1800.75	91.70	1.538e+04	-9304.29	-1.538e+05

270	10	5.177e+04	2.752e+04	-0.03	0.0	0.0	-3792.52	520.67	340.26	5.641e+04	-3.752e+04	-4.792e+04
		-4.792e+04	-3.752e+04	0.05	0.0	191.1	-3792.52	520.67	340.26	5.641e+04	2.752e+04	5.177e+04
270	11	6.791e+04	2.095e+04	-0.05	0.0	0.0	-3162.48	708.89	271.67	4.757e+04	-3.097e+04	-6.757e+04
		-6.757e+04	-3.097e+04	-0.02	0.0	191.1	-3162.48	708.89	271.67	4.757e+04	2.095e+04	6.791e+04
270	12	1.254e+05	7099.22	0.12	0.0	0.0	-2710.45	-1182.33	103.46	1.467e+04	-1.307e+04	1.254e+05
		-1.007e+05	-1.307e+04	0.08	0.0	191.1	-2710.45	-1182.33	103.46	1.467e+04	7099.22	-1.007e+05
270	13	1.035e+05	-5223.06	0.10	0.0	0.0	-1225.81	-979.56	53.62	8825.92	-6496.32	1.035e+05
		-8.370e+04	-6496.32	-0.07	0.0	191.1	-1225.81	-979.56	53.62	8825.92	-5223.06	-8.370e+04
270	14	3.888e+04	2.063e+04	-0.02	0.0	0.0	-2844.39	391.07	255.13	4.230e+04	-2.813e+04	-3.600e+04
		-3.600e+04	-2.813e+04	0.04	0.0	191.1	-2844.39	391.07	255.13	4.230e+04	2.063e+04	3.888e+04
270	15	5.094e+04	1.569e+04	-0.04	0.0	0.0	-2369.16	531.77	203.45	3.563e+04	-2.319e+04	-5.070e+04
		-5.070e+04	-2.319e+04	-0.01	0.0	191.1	-2369.16	531.77	203.45	3.563e+04	1.569e+04	5.094e+04
270	16	9.434e+04	5325.40	0.09	0.0	0.0	-2033.17	-889.63	77.61	1.101e+04	-9808.73	9.434e+04
		-7.572e+04	-9808.73	0.06	0.0	191.1	-2033.17	-889.63	77.61	1.101e+04	5325.40	-7.572e+04
270	17	7.784e+04	-3922.88	0.07	0.0	0.0	-919.99	-736.51	40.27	6629.61	-4878.24	7.784e+04
		-6.293e+04	-4878.24	-0.05	0.0	191.1	-919.99	-736.51	40.27	6629.61	-3922.88	-6.293e+04
271	1	7300.26	4.355e+04	-4.03e-03	-657.74	0.0	-4307.42	296.70	-216.28	2.646e+04	4.355e+04	-5476.98
		-1.162e+04	2216.27	-3.81e-03	0.0	191.1	-4022.87	-361.04	-216.28	2.646e+04	2216.27	-1.162e+04
271	2	6.011e+04	3.192e+04	-0.02	-7613.52	0.0	-9984.79	3384.86	148.72	1.153e+04	3494.00	-8.243e+04
		-1.663e+05	3494.00	-4.05e-03	0.0	191.1	-6691.05	-4228.65	148.72	1.153e+04	3.192e+04	-1.663e+05
271	3	2147.87	379.15	-7.49e-04	0.0	0.0	-29.33	13.96	1.26	167.77	138.09	-520.51
		-520.51	138.09	-1.64e-04	0.0	191.1	-29.33	13.96	1.26	167.77	379.15	2147.87
271	4	1.489e+04	3021.81	-1.30e-03	0.0	0.0	-86.56	-102.14	17.43	-165.47	-309.25	1.489e+04
		-4624.34	-309.25	-4.00e-04	0.0	191.1	-86.56	-102.14	17.43	-165.47	3021.81	-4624.34
271	5	3297.36	1.011e+04	4.79e-04	0.0	0.0	25.53	-71.13	64.48	-1849.65	-2215.55	3297.36
		-1.030e+04	-2215.55	-4.88e-04	0.0	191.1	25.53	-71.13	64.48	-1849.65	1.011e+04	-1.030e+04
271	6	2.543e+04	-1.075e+04	-0.03	0.0	0.0	4818.96	423.89	376.72	-5.307e+04	-7.799e+04	-5.759e+04
		-5.759e+04	-7.799e+04	0.12	0.0	191.1	4818.96	423.89	376.72	-5.307e+04	-1.075e+04	2.543e+04
271	7	2.625e+04	-1.406e+04	-2.81e-03	0.0	0.0	6146.46	-402.96	270.99	-4.445e+04	-6.302e+04	2.625e+04
		-5.086e+04	-6.302e+04	-0.02	0.0	191.1	6146.46	-402.96	270.99	-4.445e+04	-1.406e+04	-5.086e+04
271	8	1.331e+05	1.412e+04	-0.11	0.0	0.0	-5115.05	1294.24	-73.71	9521.24	1.412e+04	-1.151e+05
		-1.151e+05	3335.11	0.14	0.0	191.1	-5115.05	1294.24	-73.71	9521.24	3335.11	1.331e+05
271	9	1.414e+05	1.718e+04	-0.10	0.0	0.0	-5430.71	1362.95	-77.52	1.293e+04	1.718e+04	-1.195e+05
		-1.195e+05	4241.80	-0.15	0.0	191.1	-5430.71	1362.95	-77.52	1.293e+04	4241.80	1.414e+05
271	10	1.421e+04	-6145.79	-0.02	0.0	0.0	2603.20	230.34	201.15	-2.828e+04	-4.153e+04	-3.099e+04
		-3.099e+04	-4.153e+04	0.06	0.0	191.1	2603.20	230.34	201.15	-2.828e+04	-6145.79	1.421e+04
271	11	1.418e+04	-7747.53	-1.59e-03	0.0	0.0	3288.78	-217.02	144.68	-2.368e+04	-3.354e+04	1.418e+04
		-2.736e+04	-3.354e+04	-8.70e-03	0.0	191.1	3288.78	-217.02	144.68	-2.368e+04	-7747.53	-2.736e+04
271	12	7.166e+04	8111.23	-0.06	0.0	0.0	-2734.27	695.16	-42.90	5463.98	8111.23	-6.172e+04
		-6.172e+04	1822.64	0.08	0.0	191.1	-2734.27	695.16	-42.90	5463.98	1822.64	7.166e+04
271	13	7.692e+04	9220.81	-0.05	0.0	0.0	-2919.86	743.93	-42.41	6910.89	9220.81	-6.553e+04
		-6.553e+04	2330.62	-0.08	0.0	191.1	-2919.86	743.93	-42.41	6910.89	2330.62	7.692e+04
271	14	1.071e+04	-4681.13	-0.01	0.0	0.0	1957.19	173.02	150.92	-2.121e+04	-3.114e+04	-2.325e+04
		-2.325e+04	-3.114e+04	0.05	0.0	191.1	1957.19	173.02	150.92	-2.121e+04	-4681.13	1.071e+04
271	15	1.065e+04	-5853.12	-1.20e-03	0.0	0.0	2465.86	-162.94	108.44	-1.773e+04	-2.512e+04	1.065e+04
		-2.054e+04	-2.512e+04	-6.52e-03	0.0	191.1	2465.86	-162.94	108.44	-1.773e+04	-5853.12	-2.054e+04
271	16	5.397e+04	6087.59	-0.04	0.0	0.0	-2053.66	523.39	-32.22	4101.14	6087.59	-4.646e+04
		-4.646e+04	1374.83	0.06	0.0	191.1	-2053.66	523.39	-32.22	4101.14	1374.83	5.397e+04
271	17	5.789e+04	6928.78	-0.04	0.0	0.0	-2192.47	559.89	-31.93	5188.30	6928.78	-4.933e+04
		-4.933e+04	1755.22	-0.06	0.0	191.1	-2192.47	559.89	-31.93	5188.30	1755.22	5.789e+04
272	1	1.570e+04	-1691.48	-6.04e-03	-657.61	0.0	-4375.57	292.07	224.03	-2.739e+04	-4.450e+04	3313.44
		-3706.09	-4.450e+04	3.79e-03	0.0	191.1	-4091.02	-365.54	224.03	-2.739e+04	-1691.48	-3706.09
272	2	5.862e+04	-5166.60	-0.02	-7614.57	0.0	-9972.18	3565.24	-126.01	-1.323e+04	-5166.60	-9.880e+04
		-1.486e+05	-2.924e+04	3.54e-03	0.0	191.1	-6677.34	-4049.33	-126.01	-1.323e+04	-2.924e+04	-1.486e+05
272	3	594.25	533.52	2.00e-05	0.0	0.0	-21.52	-4.84	-1.70	242.49	533.52	594.25
		-331.30	208.63	-7.49e-05	0.0	191.1	-21.52	-4.84	-1.70	242.49	208.63	-331.30
272	4	1.561e+04	1040.49	-3.77e-04	0.0	0.0	-78.99	-119.78	-15.83	580.15	1040.49	1.561e+04
		-7279.59	-1984.67	7.26e-05	0.0	191.1	-78.99	-119.78	-15.83	580.15	-1984.67	-7279.59
272	5	-20.66	2385.41	-1.35e-04	0.0	0.0	1.79	-38.88	-62.60	1889.61	2385.41	-20.66
		-7450.06	-9576.14	3.72e-04	0.0	191.1	1.79	-38.88	-62.60	1889.61	-9576.14	-7450.06
272	6	7.758e+04	-2.494e+04	0.03	0.0	0.0	-4723.96	-762.66	285.85	-5.624e+04	-7.921e+04	7.758e+04
		-6.819e+04	-7.921e+04	0.12	0.0	191.1	-4723.96	-762.66	285.85	-5.624e+04	-2.494e+04	-6.819e+04
272	7	8866.89	-2.959e+04	0.01	0.0	0.0	-5995.09	-110.56	176.35	-4.623e+04	-6.307e+04	8866.89
		-1.255e+04	-6.307e+04	-0.02	0.0	191.1	-5995.09	-110.56	176.35	-4.623e+04	-2.959e+04	-1.255e+04
272	8	1.486e+05	1.385e+04	-0.10	0.0	0.0	-4767.22	1493.71	-97.31	9863.21	1.385e+04	-1.371e+05
		-1.371e+05	-8881.86	0.15	0.0	191.1	-4767.22	1493.71	-97.31	9863.21	-8881.86	1.486e+05
272	9	1.513e+05	1.950e+04	-0.12	0.0	0.0	-4681.39	1513.60	-144.40	1.412e+04	1.950e+04	-1.384e+05
		-1.384e+05	-8830.78	-0.14	0.0	191.1	-4681.39	1513.60	-144.40	1.412e+04	-8830.78	1.513e+05
272	10	4.145e+04	-1.333e+04	0.02	0.0	0.0	-2553.35	-407.50	152.21	-2.996e+04	-4.218e+04	4.145e+04
		-3.644e+04	-4.218e+04	0.06	0.0	191.1	-2553.35	-407.50	152.21	-2.996e+04	-1.333e+04	-3.644e+04
272	11	5140.53	-1.578e+04	7.27e-03	0.0	0.0	-3209.25	-64.81	93.85	-2.461e+04	-3.357e+04	5140.53
		-7422.34	-3.357e+04	-8.23e-03	0.0	191.1	-3209.25	-64.81	93.85	-2.461e+04	-1.578e+04	-7422.34
272	12	8.094e+04	8036.81	-0.05	0.0	0.0	-2571.61	815.42	-55.92	5714.16	8036.81	-7.504e+04
		-7.504e+04	-4801.88	0.08	0.0	191.1	-2571.61	815.42	-55.92	5714.16	-4801.88	8.094e+04
272	13	8.131e+04	1.049e+04	-0.06	0.0	0.0	-2500.94	811.63	-77.08	7585.94	1.049e+04	-7.409e+04
		-7.409e+04	-4698.16	-0.08	0.0	191.1	-2500.94	811.63	-77.08	7585.94	-4698.16	8.131e+04

272	14	3.108e+04	-9995.71	0.01	0.0	0.0	-1919.75	-305.57	114.12	-2.246e+04	-3.163e+04	3.108e+04
		-2.733e+04	-3.163e+04	0.05	0.0	191.1	-1919.75	-305.57	114.12	-2.246e+04	-9995.71	-2.733e+04
272	15	3921.50	-1.182e+04	5.44e-03	0.0	0.0	-2406.43	-49.51	70.28	-1.844e+04	-2.514e+04	3921.50
		-5676.92	-2.514e+04	-6.16e-03	0.0	191.1	-2406.43	-49.51	70.28	-1.844e+04	-1.182e+04	-5676.92
272	16	6.077e+04	6042.48	-0.04	0.0	0.0	-1929.80	612.21	-42.05	4290.31	6042.48	-5.633e+04
		-5.633e+04	-3605.04	0.06	0.0	191.1	-1929.80	612.21	-42.05	4290.31	-3605.04	6.077e+04
272	17	6.124e+04	7876.20	-0.05	0.0	0.0	-1878.77	611.00	-57.85	5692.36	7876.20	-5.576e+04
		-5.576e+04	-3526.76	-0.06	0.0	191.1	-1878.77	611.00	-57.85	5692.36	-3526.76	6.124e+04
275	1	1.442e+05	-1.518e+04	-0.47	-3600.00	0.0	-1265.40	1800.05	-0.22	15.85	-1.518e+04	-2.608e+05
		-2.608e+05	-1.538e+04	5.96e-03	0.0	900.0	-1265.40	-1799.95	-0.22	15.85	-1.538e+04	-2.608e+05
275	2	2556.70	-1.513e+04	-0.02	0.0	0.0	-195.19	-0.11	-0.43	88.22	-1.513e+04	2556.70
		2453.41	-1.552e+04	5.48e-03	0.0	900.0	-195.19	-0.11	-0.43	88.22	-1.552e+04	2453.41
275	3	41.65	390.27	-8.04e-05	0.0	0.0	-0.41	0.08	-0.26	33.09	390.27	-28.17
		-28.17	158.78	-2.22e-04	0.0	900.0	-0.41	0.08	-0.26	33.09	158.78	41.65
275	4	37.36	-839.84	-5.75e-05	0.0	0.0	-49.08	0.09	-0.37	49.32	-839.84	-44.87
		-44.87	-1170.86	-3.20e-04	0.0	900.0	-49.08	0.09	-0.37	49.32	-1170.86	37.36
275	5	-87.98	-6000.05	5.97e-04	0.0	0.0	40.98	-0.02	-0.01	0.63	-6000.05	-87.98
		-102.34	-6011.56	2.20e-03	0.0	900.0	40.98	-0.02	-0.01	0.63	-6011.56	-102.34
275	6	5.938e+04	7.840e+04	0.06	0.0	0.0	-312.77	-132.10	173.70	930.80	-7.793e+04	5.938e+04
		-5.951e+04	-7.793e+04	0.80	0.0	900.0	-312.77	-132.10	173.70	930.80	7.840e+04	-5.951e+04
275	7	6.716e+04	8.767e+04	0.05	0.0	0.0	-295.86	-149.39	195.45	1309.48	-8.824e+04	6.716e+04
		-6.729e+04	-8.824e+04	-0.03	0.0	900.0	-295.86	-149.39	195.45	1309.48	8.767e+04	-6.729e+04
275	8	1.397e+04	2.324e+04	0.02	0.0	0.0	395.64	34.61	-42.78	1368.83	2.324e+04	-1.728e+04
		-1.728e+04	-1.574e+04	0.58	0.0	900.0	395.64	34.61	-42.78	1368.83	-1.574e+04	1.397e+04
275	9	1.053e+04	1.912e+04	0.02	0.0	0.0	597.03	-27.51	34.29	1177.73	-1.234e+04	1.053e+04
		-1.435e+04	-1.234e+04	-0.50	0.0	900.0	597.03	-27.51	34.29	1177.73	1.912e+04	-1.435e+04
275	10	3.173e+04	4.187e+04	0.03	0.0	0.0	-179.38	-70.59	92.78	540.71	-4.163e+04	3.173e+04
		-3.180e+04	-4.163e+04	0.44	0.0	900.0	-179.38	-70.59	92.78	540.71	4.187e+04	-3.180e+04
275	11	3.582e+04	4.668e+04	0.03	0.0	0.0	-162.56	-79.68	104.07	709.88	-4.698e+04	3.582e+04
		-3.589e+04	-4.698e+04	-0.01	0.0	900.0	-162.56	-79.68	104.07	709.88	4.668e+04	-3.589e+04
275	12	7568.87	1.244e+04	0.01	0.0	0.0	242.06	18.63	-23.05	770.45	1.244e+04	-9264.74
		-9264.74	-8589.95	0.29	0.0	900.0	242.06	18.63	-23.05	770.45	-8589.95	7568.87
275	13	5736.37	1.021e+04	8.80e-03	0.0	0.0	346.68	-14.85	18.49	658.83	-6800.65	5736.37
		-7698.86	-6800.65	-0.25	0.0	900.0	346.68	-14.85	18.49	658.83	1.021e+04	-7698.86
275	14	2.380e+04	3.140e+04	0.03	0.0	0.0	-136.52	-52.94	69.57	407.80	-3.121e+04	2.380e+04
		-2.385e+04	-3.121e+04	0.33	0.0	900.0	-136.52	-52.94	69.57	407.80	3.140e+04	-2.385e+04
275	15	2.684e+04	3.496e+04	0.02	0.0	0.0	-122.72	-59.70	77.95	533.72	-3.519e+04	2.684e+04
		-2.689e+04	-3.519e+04	-0.01	0.0	900.0	-122.72	-59.70	77.95	533.72	3.496e+04	-2.689e+04
275	16	5689.82	9337.30	8.32e-03	0.0	0.0	188.46	14.00	-17.30	578.96	9337.30	-6960.70
		-6960.70	-6448.65	0.22	0.0	900.0	188.46	14.00	-17.30	578.96	-6448.65	5689.82
275	17	4315.05	7661.73	6.61e-03	0.0	0.0	266.95	-11.16	13.88	494.81	-5106.81	4315.05
		-5786.05	-5106.81	-0.19	0.0	900.0	266.95	-11.16	13.88	494.81	7661.73	-5786.05
278	1	3.819e+05	3.592e+05	-0.20	-7078.95	0.0	1170.63	3529.84	-4.87	-1184.60	3.592e+05	-2.570e+05
		-2.640e+05	3.556e+05	-0.02	0.0	726.0	1170.63	-3549.11	-4.87	-1184.60	3.556e+05	-2.640e+05
278	2	2.410e+04	7.594e+04	-0.02	-8.54	0.0	754.28	-6.90	-10.70	354.48	7.594e+04	2.410e+04
		1.703e+04	6.817e+04	3.76e-03	0.0	726.0	754.28	-15.44	-10.70	354.48	6.817e+04	1.703e+04
278	3	99.10	194.05	-2.92e-04	0.0	0.0	1.55	0.16	0.29	-51.60	-14.03	-19.47
		-19.47	-14.03	-3.83e-04	0.0	726.0	1.55	0.16	0.29	-51.60	194.05	99.10
278	4	149.17	370.67	-2.57e-04	0.0	0.0	7.27	-0.26	-0.17	-70.14	370.67	149.17
		-38.46	250.65	-1.08e-04	0.0	726.0	7.27	-0.26	-0.17	-70.14	250.65	-38.46
278	5	341.87	701.73	1.24e-03	0.0	0.0	-1.37	-1.49	-1.66	-25.46	701.73	341.87
		-740.70	-506.35	1.38e-03	0.0	726.0	-1.37	-1.49	-1.66	-25.46	-506.35	-740.70
278	6	7.036e+04	9.686e+04	6.79e-03	0.0	0.0	-671.33	169.15	244.64	-4.848e+04	-8.118e+04	-5.403e+04
		-5.403e+04	-8.118e+04	0.61	0.0	726.0	-671.33	169.15	244.64	-4.848e+04	9.686e+04	7.036e+04
278	7	2.362e+04	2.684e+04	-0.02	0.0	0.0	-779.87	45.88	68.00	1.718e+04	2.684e+04	2.362e+04
		1.664e+04	2.370e+04	-0.09	0.0	726.0	-779.87	45.88	68.00	1.718e+04	2.370e+04	1.664e+04
278	8	1.525e+05	2.039e+05	0.39	0.0	0.0	-234.87	-431.52	-595.30	-1.605e+05	2.039e+05	1.525e+05
		-1.608e+05	-2.285e+05	-1.09	0.0	726.0	-234.87	-431.52	-595.30	-1.605e+05	-2.285e+05	-1.608e+05
278	9	2.465e+05	3.278e+05	0.15	0.0	0.0	-433.20	-695.21	-958.20	-4.927e+04	3.278e+05	2.465e+05
		-2.583e+05	-3.681e+05	-1.47	0.0	726.0	-433.20	-695.21	-958.20	-4.927e+04	-3.681e+05	-2.583e+05
278	10	3.914e+04	5.435e+04	3.62e-03	0.0	0.0	-361.50	95.20	137.84	-2.899e+04	-4.598e+04	-3.087e+04
		-3.087e+04	-4.598e+04	0.32	0.0	726.0	-361.50	95.20	137.84	-2.899e+04	5.435e+04	3.914e+04
278	11	1.339e+04	1.579e+04	-9.62e-03	0.0	0.0	-417.09	27.06	40.31	1.030e+04	1.579e+04	1.339e+04
		9789.86	1.411e+04	-0.05	0.0	726.0	-417.09	27.06	40.31	1.030e+04	1.411e+04	9789.86
278	12	8.593e+04	1.155e+05	0.23	0.0	0.0	-131.18	-242.89	-336.79	-9.573e+04	1.155e+05	8.593e+04
		-9.044e+04	-1.291e+05	-0.61	0.0	726.0	-131.18	-242.89	-336.79	-9.573e+04	-1.291e+05	-9.044e+04
278	13	1.333e+05	1.780e+05	0.09	0.0	0.0	-230.01	-375.76	-519.29	-2.902e+04	1.780e+05	1.333e+05
		-1.395e+05	-1.991e+05	-0.79	0.0	726.0	-230.01	-375.76	-519.29	-2.902e+04	-1.991e+05	-1.395e+05
278	14	2.943e+04	4.091e+04	2.70e-03	0.0	0.0	-271.48	71.59	103.77	-2.260e+04	-3.463e+04	-2.323e+04
		-2.323e+04	-3.463e+04	0.24	0.0	726.0	-271.48	71.59	103.77	-2.260e+04	4.091e+04	2.943e+04
278	15	1.017e+04	1.209e+04	-7.34e-03	0.0	0.0	-312.68	20.71	30.90	8028.56	1.209e+04	1.017e+04
		7490.11	1.083e+04	-0.03	0.0	726.0	-312.68	20.71	30.90	8028.56	1.083e+04	7490.11
278	16	6.477e+04	8.725e+04	0.18	0.0	0.0	-98.45	-183.03	-254.17	-7.461e+04	-9.735e+04	-6.814e+04
		-6.814e+04	-9.735e+04	-0.46	0.0	726.0	-98.45	-183.03	-254.17	-7.461e+04	8.725e+04	6.477e+04
278	17	1.005e+05	1.343e+05	0.07	0.0	0.0	-172.63	-283.17	-391.59	-2.246e+04	1.343e+05	1.005e+05
		-1.051e+05	-1.501e+05	-0.59	0.0	726.0	-172.63	-283.17	-391.59	-2.246e+04	-1.501e+05	-1.051e+05

279	1	3.774e+05	-3.594e+05	-0.20	-7031.77	0.0	1256.09	3515.27	8.10	-956.93	-3.652e+05	-2.563e+05
		-2.568e+05	-3.652e+05	0.02	0.0	721.2	1256.09	-3516.51	8.10	-956.93	-3.594e+05	-2.568e+05
279	2	2.467e+04	-7.112e+04	-0.02	-7.52	0.0	822.09	-1.45	13.02	-1631.78	-8.050e+04	2.467e+04
		2.001e+04	-8.050e+04	-6.78e-03	0.0	721.2	822.09	-8.97	13.02	-1631.78	-7.112e+04	2.001e+04
279	3	47.74	241.02	-8.58e-04	0.0	0.0	1.69	0.36	0.18	-354.05	111.13	-213.63
		-213.63	111.13	-3.33e-04	0.0	721.2	1.69	0.36	0.18	-354.05	241.02	47.74
279	4	-124.22	411.91	-1.15e-03	0.0	0.0	7.31	0.03	0.88	-546.90	-225.14	-147.67
		-147.67	-225.14	-9.98e-04	0.0	721.2	7.31	0.03	0.88	-546.90	411.91	-124.22
279	5	314.18	700.79	9.49e-04	0.0	0.0	-3.30	-1.58	2.03	-134.62	-760.79	314.18
		-826.93	-760.79	-1.83e-03	0.0	721.2	-3.30	-1.58	2.03	-134.62	700.79	-826.93
279	6	-5.910e+04	1.031e+05	0.05	0.0	0.0	644.06	-181.52	264.58	-1.388e+04	-8.881e+04	-5.910e+04
		-7.421e+04	-8.881e+04	0.63	0.0	721.2	644.06	-181.52	264.58	-1.388e+04	1.031e+05	-7.421e+04
279	7	-1.886e+04	2.503e+04	0.02	0.0	0.0	747.40	43.55	-66.09	5336.81	2.493e+04	-2.108e+04
		-2.108e+04	2.493e+04	-0.06	0.0	721.2	747.40	43.55	-66.09	5336.81	2.503e+04	-1.886e+04
279	8	2.496e+05	3.788e+05	0.12	0.0	0.0	-445.51	-706.51	1003.88	3.625e+04	-3.454e+05	2.496e+05
		-2.600e+05	-3.454e+05	1.69	0.0	721.2	-445.51	-706.51	1003.88	3.625e+04	3.788e+05	-2.600e+05
279	9	1.551e+05	2.337e+05	0.13	0.0	0.0	-253.98	-440.58	618.07	4.855e+04	-2.122e+05	1.551e+05
		-1.627e+05	-2.122e+05	0.72	0.0	721.2	-253.98	-440.58	618.07	4.855e+04	2.337e+05	-1.627e+05
279	10	-3.363e+04	5.760e+04	0.03	0.0	0.0	347.10	-101.80	148.52	-8305.02	-5.020e+04	-3.363e+04
		-4.119e+04	-5.020e+04	0.33	0.0	721.2	347.10	-101.80	148.52	-8305.02	5.760e+04	-4.119e+04
279	11	-1.105e+04	1.492e+04	9.22e-03	0.0	0.0	399.58	25.82	-39.27	3190.84	1.463e+04	-1.195e+04
		-1.195e+04	1.463e+04	-0.03	0.0	721.2	399.58	25.82	-39.27	3190.84	1.402e+04	-1.105e+04
279	12	1.354e+05	2.054e+05	0.07	0.0	0.0	-236.66	-382.97	545.55	2.089e+04	-1.881e+05	1.354e+05
		-1.408e+05	-1.881e+05	0.91	0.0	721.2	-236.66	-382.97	545.55	2.089e+04	2.054e+05	-1.408e+05
279	13	8.643e+04	1.304e+05	0.07	0.0	0.0	-139.26	-245.28	345.36	2.867e+04	-1.188e+05	8.643e+04
		-9.048e+04	-1.188e+05	0.42	0.0	721.2	-139.26	-245.28	345.36	2.867e+04	1.304e+05	-9.048e+04
279	14	-2.533e+04	4.332e+04	0.02	0.0	0.0	260.73	-76.58	111.76	-6467.14	-3.781e+04	-2.533e+04
		-3.097e+04	-3.781e+04	0.25	0.0	721.2	260.73	-76.58	111.76	-6467.14	4.332e+04	-3.097e+04
279	15	-8454.06	1.145e+04	7.04e-03	0.0	0.0	299.53	19.80	-30.12	2457.52	1.119e+04	-9075.66
		-9075.66	1.119e+04	-0.03	0.0	721.2	299.53	19.80	-30.12	2457.52	1.145e+04	-8454.06
279	16	1.021e+05	1.549e+05	0.05	0.0	0.0	-177.59	-288.71	411.52	1.604e+04	-1.420e+05	1.021e+05
		-1.061e+05	-1.420e+05	0.68	0.0	721.2	-177.59	-288.71	411.52	1.604e+04	1.549e+05	-1.061e+05
279	17	6.514e+04	9.825e+04	0.06	0.0	0.0	-104.52	-184.83	260.43	2.225e+04	-8.964e+04	6.514e+04
		-6.816e+04	-8.964e+04	0.32	0.0	721.2	-104.52	-184.83	260.43	2.225e+04	9.825e+04	-6.816e+04
282	1	7.114e+04	3.971e+05	0.24	-628.29	0.0	642.50	-3575.02	-1652.61	1.828e+05	3.971e+05	7.114e+04
		-4.817e+05	1.622e+05	-0.01	0.0	142.2	762.83	-4203.31	-1652.61	1.828e+05	1.622e+05	-4.817e+05
282	2	-4319.48	6.386e+04	-0.14	-2404.39	0.0	-379.24	-50.10	-612.09	-2.900e+04	6.386e+04	-4319.48
		-1.855e+05	-2.316e+04	8.41e-03	0.0	142.2	81.25	-2454.49	-612.09	-2.900e+04	-2.316e+04	-1.855e+05
282	3	-72.87	175.32	-3.74e-04	0.0	0.0	0.19	0.03	-3.53	-116.24	175.32	-76.76
		-76.76	-326.90	-4.48e-05	0.0	142.2	0.19	0.03	-3.53	-116.24	-326.90	-72.87
282	4	-56.93	256.75	1.78e-03	0.0	0.0	-5.51	-0.40	-2.13	8.04	256.75	-56.93
		-114.01	-45.55	-9.66e-05	0.0	142.2	-5.51	-0.40	-2.13	8.04	-45.55	-114.01
282	5	178.27	4322.20	0.01	0.0	0.0	-20.34	-0.03	32.95	801.78	-362.00	178.27
		173.46	-362.00	-2.92e-04	0.0	142.2	-20.34	-0.03	32.95	801.78	4322.20	173.46
282	6	1.138e+05	8.307e+04	-0.14	0.0	0.0	1476.24	1128.87	-479.16	-8.357e+04	8.307e+04	-5.290e+04
		-5.290e+04	2.977e+04	0.16	0.0	142.2	1476.24	1128.87	-479.16	-8.357e+04	2.977e+04	1.138e+05
282	7	7.397e+04	2.117e+04	-0.11	0.0	0.0	1123.81	576.91	176.56	-1.902e+04	2.117e+04	7.397e+04
		-1.817e+04	2.102e+04	-0.01	0.0	142.2	1123.81	576.91	176.56	-1.902e+04	2.117e+04	7.397e+04
282	8	1.600e+05	-6.392e+04	-0.16	0.0	0.0	-472.86	-2674.54	1189.34	1.990e+05	-1.965e+05	1.600e+05
		-2.204e+05	-1.965e+05	-0.07	0.0	142.2	-472.86	-2674.54	1189.34	1.990e+05	-6.392e+04	-2.204e+05
282	9	7.069e+04	-8.413e+04	-0.03	0.0	0.0	-631.87	-1212.03	1645.66	3.179e+05	-3.140e+05	7.069e+04
		-1.018e+05	-3.140e+05	-0.27	0.0	142.2	-631.87	-1212.03	1645.66	3.179e+05	-8.413e+04	-1.018e+05
282	10	6.434e+04	4.671e+04	-0.08	0.0	0.0	786.81	647.77	-276.54	-4.658e+04	4.671e+04	-3.124e+04
		-3.124e+04	1.675e+04	0.09	0.0	142.2	786.81	647.77	-276.54	-4.658e+04	1.675e+04	6.434e+04
282	11	4.075e+04	1.250e+04	-0.06	0.0	0.0	601.79	322.45	100.62	-1.124e+04	1.250e+04	-1.089e+04
		-1.089e+04	1.231e+04	-7.61e-03	0.0	142.2	601.79	322.45	100.62	-1.124e+04	1.231e+04	4.075e+04
282	12	9.540e+04	-3.680e+04	-0.10	0.0	0.0	-278.11	-1593.20	683.78	1.119e+05	-1.112e+05	9.540e+04
		-1.312e+05	-1.112e+05	-0.05	0.0	142.2	-278.11	-1593.20	683.78	1.119e+05	-3.680e+04	-1.312e+05
282	13	4.086e+04	-4.494e+04	-0.02	0.0	0.0	-364.18	-696.42	898.37	1.714e+05	-1.700e+05	4.086e+04
		-5.823e+04	-1.700e+05	-0.15	0.0	142.2	-364.18	-696.42	898.37	1.714e+05	-4.494e+04	-5.823e+04
282	14	4.920e+04	3.518e+04	-0.06	0.0	0.0	590.09	497.94	-210.08	-3.501e+04	3.518e+04	-2.423e+04
		-2.423e+04	1.269e+04	0.07	0.0	142.2	590.09	497.94	-210.08	-3.501e+04	1.269e+04	4.920e+04
282	15	3.083e+04	9591.85	-0.05	0.0	0.0	451.28	245.27	76.86	-8601.63	9591.85	-8476.22
		-8476.22	9396.17	-5.73e-03	0.0	142.2	451.28	245.27	76.86	-8601.63	9396.17	3.083e+04
282	16	7.430e+04	-2.815e+04	-0.08	0.0	0.0	-211.80	-1240.44	520.86	8.433e+04	-8.398e+04	7.430e+04
		-1.021e+05	-8.398e+04	-0.04	0.0	142.2	-211.80	-1240.44	520.86	8.433e+04	-2.815e+04	-1.021e+05
282	17	3.139e+04	-3.378e+04	-0.02	0.0	0.0	-278.25	-534.28	678.73	1.291e+05	-1.281e+05	3.139e+04
		-4.463e+04	1.281e+05	-0.11	0.0	142.2	-278.25	-534.28	678.73	1.291e+05	-3.378e+04	-4.463e+04
283	1	6.740e+04	4.005e+05	-0.22	-609.75	0.0	797.47	4154.49	1791.64	-1.735e+05	1.531e+05	6.740e+04
		-4.643e+05	1.531e+05	0.01	0.0	138.1	677.14	3544.73	1791.64	-1.735e+05	4.005e+05	-4.643e+05
283	2	-3602.71	6.595e+04	0.14	-2329.86	0.0	103.80	2377.18	693.08	3.314e+04	-2.977e+04	-1.733e+05
		-1.733e+05	-2.977e+04	-8.76e-03	0.0	138.1	-355.98	47.32	693.08	3.314e+04	6.595e+04	-3602.71
283	3	374.08	-255.42	-4.54e-04	0.0	0.0	-0.14	-0.32	-0.06	88.50	-255.42	374.08
		329.62	-263.13	-7.30e-05	0.0	138.1	-0.14	-0.32	-0.06	88.50	-263.13	329.62
283	4	568.70	136.03	-3.04e-03	0.0	0.0	-5.96	-0.06	-3.94	-58.57	136.03	568.70
		560.41	-408.29	-8.92e-05	0.0	138.1	-5.96	-0.06	-3.94	-58.57	-408.29	560.41

283	5	349.57	4758.90	-0.01	0.0	0.0	-20.52	-0.04	-38.36	-885.12	4758.90	349.57
		344.10	-539.64	1.98e-04	0.0	138.1	-20.52	-0.04	-38.36	-885.12	-539.64	344.10
283	6	2.429e+04	-3.149e+04	-0.14	0.0	0.0	-1473.96	933.02	-517.59	-9.002e+04	-3.149e+04	-1.106e+05
		-1.106e+05	-8.743e+04	0.16	0.0	138.1	-1473.96	933.02	-517.59	-9.002e+04	-8.743e+04	2.429e+04
283	7	7899.21	2.153e+04	-0.11	0.0	0.0	-1112.38	588.53	194.61	-2.203e+04	-1.980e+04	-7.932e+04
		-7.932e+04	-1.980e+04	-6.52e-03	0.0	138.1	-1112.38	588.53	194.61	-2.203e+04	2.153e+04	7899.21
283	8	5.852e+04	-6.944e+04	0.02	0.0	0.0	-696.43	1097.59	-1852.85	-3.243e+05	-6.944e+04	-9.344e+04
		-9.344e+04	-3.221e+05	0.28	0.0	138.1	-696.43	1097.59	-1852.85	-3.243e+05	-3.221e+05	5.852e+04
283	9	5.530e+04	-4.037e+04	0.03	0.0	0.0	-469.17	988.78	-1176.82	-2.025e+05	-4.037e+04	-8.184e+04
		-8.184e+04	-1.984e+05	0.07	0.0	138.1	-469.17	988.78	-1176.82	-2.025e+05	-1.984e+05	5.530e+04
283	10	1.381e+04	-1.783e+04	-0.08	0.0	0.0	-785.64	522.56	-296.49	-5.004e+04	-1.783e+04	-6.215e+04
		-6.215e+04	-4.888e+04	0.09	0.0	138.1	-785.64	522.56	-296.49	-5.004e+04	-4.888e+04	1.381e+04
283	11	4772.38	1.284e+04	-0.06	0.0	0.0	-595.67	327.74	111.53	-1.294e+04	-1.132e+04	-4.403e+04
		-4.403e+04	-1.132e+04	-3.75e-03	0.0	138.1	-595.67	327.74	111.53	-1.294e+04	1.284e+04	4772.38
283	12	3.367e+04	-3.706e+04	0.02	0.0	0.0	-404.25	625.91	-1012.63	-1.754e+05	-3.706e+04	-5.298e+04
		-5.298e+04	-1.748e+05	0.15	0.0	138.1	-404.25	625.91	-1012.63	-1.754e+05	-1.748e+05	3.367e+04
283	13	3.278e+04	-2.236e+04	0.02	0.0	0.0	-277.80	581.83	-660.83	-1.125e+05	-2.236e+04	-4.786e+04
		-4.786e+04	-1.108e+05	0.04	0.0	138.1	-277.80	581.83	-660.83	-1.125e+05	-1.108e+05	3.278e+04
283	14	1.054e+04	-1.352e+04	-0.06	0.0	0.0	-589.25	396.66	-224.21	-3.762e+04	-1.352e+04	-4.719e+04
		-4.719e+04	-3.677e+04	0.07	0.0	138.1	-589.25	396.66	-224.21	-3.762e+04	-3.677e+04	1.054e+04
283	15	3675.31	9851.98	-0.04	0.0	0.0	-446.69	248.26	85.06	-9906.98	-8596.14	-3.332e+04
		-3.332e+04	-8596.14	-2.86e-03	0.0	138.1	-446.69	248.26	85.06	-9906.98	9851.98	3675.31
283	16	2.578e+04	-2.783e+04	0.01	0.0	0.0	-309.17	478.20	-764.91	-1.322e+05	-2.783e+04	-4.042e+04
		-4.042e+04	-1.318e+05	0.11	0.0	138.1	-309.17	478.20	-764.91	-1.322e+05	-1.318e+05	2.578e+04
283	17	2.538e+04	-1.684e+04	0.02	0.0	0.0	-212.52	449.30	-499.28	-8.471e+04	-1.684e+04	-3.689e+04
		-3.689e+04	-8.352e+04	0.03	0.0	138.1	-212.52	449.30	-499.28	-8.471e+04	-8.352e+04	2.538e+04
284	1	6.763e+04	-1.584e+05	-0.21	-607.93	0.0	807.92	4151.47	-1799.51	1.716e+05	-1.584e+05	-4.622e+05
		-4.622e+05	-4.063e+05	-0.01	0.0	137.7	687.59	3543.54	-1799.51	1.716e+05	-4.063e+05	6.763e+04
284	2	-8169.69	3.293e+04	0.14	-2322.75	0.0	99.00	2360.80	-779.69	-3.852e+04	3.293e+04	-1.761e+05
		-1.761e+05	-7.444e+04	6.63e-03	0.0	137.7	-360.75	38.04	-779.69	-3.852e+04	-7.444e+04	-8169.69
284	3	-284.02	582.33	2.31e-04	0.0	0.0	-0.51	0.53	-3.86	316.39	582.33	-356.69
		-356.69	50.66	-8.47e-05	0.0	137.7	-0.51	0.53	-3.86	316.39	50.66	-284.02
284	4	-487.48	1014.05	-1.94e-03	0.0	0.0	-7.23	0.36	-9.37	239.35	1014.05	-537.43
		-537.43	-276.88	-3.30e-04	0.0	137.7	-7.23	0.36	-9.37	239.35	-276.88	-487.48
284	5	146.33	-694.52	-0.01	0.0	0.0	-23.03	-2.61	12.38	-409.37	-2399.62	146.33
		-213.74	-2399.62	-8.34e-04	0.0	137.7	-23.03	-2.61	12.38	-409.37	-694.52	-213.74
284	6	-2.123e+04	3.254e+04	-0.12	0.0	0.0	-966.44	683.49	-485.81	7.290e+04	3.254e+04	-8.926e+04
		-8.926e+04	-7.620e+04	0.15	0.0	137.7	-966.44	683.49	-485.81	7.290e+04	-7.620e+04	-2.123e+04
284	7	9776.77	2.445e+04	-0.11	0.0	0.0	-1451.62	693.26	-212.15	2.363e+04	2.445e+04	-8.849e+04
		-8.849e+04	2.098e+04	-0.02	0.0	137.7	-1451.62	693.26	-212.15	2.363e+04	2.098e+04	9776.77
284	8	1.027e+05	-1.261e+05	-0.02	0.0	0.0	964.64	-1158.62	-1295.48	-3.076e+05	-1.261e+05	1.027e+05
		-5.846e+04	-2.914e+05	0.28	0.0	137.7	964.64	-1158.62	-1295.48	-3.076e+05	-2.914e+05	-5.846e+04
284	9	8.456e+04	-7.990e+04	-0.04	0.0	0.0	532.72	-1010.20	-814.77	-1.908e+05	-7.990e+04	-8.456e+04
		-5.535e+04	-1.788e+05	0.07	0.0	137.7	532.72	-1010.20	-814.77	-1.908e+05	-1.788e+05	-5.535e+04
284	10	-1.234e+04	1.932e+04	-0.07	0.0	0.0	-526.19	399.47	-272.11	4.142e+04	1.932e+04	-5.152e+04
		-5.152e+04	-4.303e+04	0.08	0.0	137.7	-526.19	399.47	-272.11	4.142e+04	-4.303e+04	-1.234e+04
284	11	5681.77	1.375e+04	-0.06	0.0	0.0	-774.45	382.17	-126.97	1.347e+04	1.375e+04	-4.872e+04
		-4.872e+04	1.238e+04	-8.98e-03	0.0	137.7	-774.45	382.17	-126.97	1.347e+04	1.238e+04	5681.77
284	12	5.706e+04	-6.713e+04	-0.01	0.0	0.0	534.93	-652.64	-726.86	-1.667e+05	-6.713e+04	5.706e+04
		-3.372e+04	-1.589e+05	0.15	0.0	137.7	534.93	-652.64	-726.86	-1.667e+05	-1.589e+05	-3.372e+04
284	13	4.947e+04	-4.374e+04	-0.02	0.0	0.0	312.21	-594.81	-469.34	-1.062e+05	-4.374e+04	4.947e+04
		-3.285e+04	-1.003e+05	0.04	0.0	137.7	312.21	-594.81	-469.34	-1.062e+05	-1.003e+05	-3.285e+04
284	14	-9456.99	1.472e+04	-0.05	0.0	0.0	-395.54	305.66	-205.78	3.119e+04	1.472e+04	-3.932e+04
		-3.932e+04	-3.241e+04	0.06	0.0	137.7	-395.54	305.66	-205.78	3.119e+04	-3.241e+04	-9456.99
284	15	4341.39	1.042e+04	-0.05	0.0	0.0	-580.32	288.65	-97.22	1.025e+04	1.042e+04	-3.679e+04
		-3.679e+04	9479.37	-6.78e-03	0.0	137.7	-580.32	288.65	-97.22	1.025e+04	9479.37	4341.39
284	16	4.333e+04	-5.040e+04	-0.01	0.0	0.0	405.11	-497.19	-552.38	-1.256e+05	-5.040e+04	4.333e+04
		-2.583e+04	-1.200e+05	0.11	0.0	137.7	405.11	-497.19	-552.38	-1.256e+05	-1.200e+05	-2.583e+04
284	17	3.809e+04	-3.287e+04	-0.02	0.0	0.0	237.26	-459.10	-357.11	-8.000e+04	-3.287e+04	3.809e+04
		-2.543e+04	-7.568e+04	0.03	0.0	137.7	237.26	-459.10	-357.11	-8.000e+04	-7.568e+04	-2.543e+04
285	1	7.046e+04	-1.621e+05	0.24	-631.25	0.0	643.52	-3553.64	1659.56	-1.756e+05	-3.991e+05	7.046e+04
		-4.821e+05	-3.991e+05	0.01	0.0	142.8	763.85	-4184.90	1659.56	-1.756e+05	-1.621e+05	-4.821e+05
285	2	-6841.26	2.541e+04	-0.14	-2412.61	0.0	-373.28	-26.19	670.00	3.693e+04	-7.027e+04	-6841.26
		-1.854e+05	-7.027e+04	-6.93e-03	0.0	142.8	86.62	-2438.79	670.00	3.693e+04	2.541e+04	-1.854e+05
285	3	54.94	129.81	-2.94e-04	0.0	0.0	0.32	-0.26	0.82	-7.38	12.88	54.94
		17.85	12.88	-7.81e-05	0.0	142.8	0.32	-0.26	0.82	-7.38	129.81	17.85
285	4	31.71	367.31	1.87e-03	0.0	0.0	-5.82	0.03	4.91	229.09	-333.67	27.31
		27.31	-333.67	7.93e-05	0.0	142.8	-5.82	0.03	4.91	229.09	367.31	31.71
285	5	274.61	-626.39	0.01	0.0	0.0	-22.25	2.40	-11.36	461.52	-626.39	-67.67
		-67.67	-2248.44	7.40e-04	0.0	142.8	-22.25	2.40	-11.36	461.52	-2248.44	274.61
285	6	9.024e+04	7.073e+04	-0.12	0.0	0.0	966.97	884.08	-472.63	-6.551e+04	7.073e+04	5.065e+04
		5.065e+04	-3.600e+04	0.15	0.0	142.8	966.97	884.08	-472.63	-6.551e+04	-3.600e+04	9.024e+04
285	7	9.073e+04	2.282e+04	-0.11	0.0	0.0	1476.50	718.31	-265.18	2.625e+04	2.282e+04	-1.908e+04
		-1.908e+04	-3.233e+04	-0.02	0.0	142.8	1476.50	718.31	-265.18	2.625e+04	-3.233e+04	9.073e+04
285	8	2.177e+05	-9.564e+04	0.17	0.0	0.0	579.16	2639.19	866.86	1.865e+05	-1.742e+05	-1.595e+05
		-1.595e+05	-1.742e+05	-0.07	0.0	142.8	579.16	2639.19	866.86	1.865e+05	-9.564e+04	2.177e+05

285	9	1.119e+05	-1.443e+05	0.03	0.0	0.0	958.13	1249.95	1032.78	2.989e+05	-2.769e+05	-6.788e+04
		-6.788e+04	-2.769e+05	-0.27	0.0	142.8	958.13	1249.95	1032.78	2.989e+05	-1.443e+05	1.119e+05
285	10	5.207e+04	4.004e+04	-0.07	0.0	0.0	526.49	522.65	-263.21	-3.738e+04	4.004e+04	3.012e+04
		3.012e+04	-2.133e+04	0.08	0.0	142.8	526.49	522.65	-263.21	-3.738e+04	-2.133e+04	5.207e+04
285	11	4.976e+04	1.350e+04	-0.06	0.0	0.0	787.56	398.46	-154.25	1.495e+04	1.350e+04	-1.136e+04
		-1.136e+04	-1.767e+04	-0.01	0.0	142.8	787.56	398.46	-154.25	1.495e+04	-1.767e+04	4.976e+04
285	12	1.296e+05	-5.379e+04	0.10	0.0	0.0	341.89	1572.80	509.52	1.051e+05	-9.899e+04	-9.515e+04
		-9.515e+04	-9.899e+04	-0.05	0.0	142.8	341.89	1572.80	509.52	1.051e+05	-5.379e+04	1.296e+05
285	13	6.309e+04	1.350e+04	0.02	0.0	0.0	532.94	713.09	582.30	1.615e+05	-1.506e+05	-3.947e+04
		-3.947e+04	-1.506e+05	-0.15	0.0	142.8	532.94	713.09	582.30	1.615e+05	-7.686e+04	6.309e+04
285	14	3.999e+04	3.018e+04	-0.05	0.0	0.0	395.66	404.81	-199.69	-2.812e+04	3.018e+04	2.341e+04
		2.341e+04	-1.625e+04	0.06	0.0	142.8	395.66	404.81	-199.69	-2.812e+04	-1.625e+04	3.999e+04
285	15	3.759e+04	1.035e+04	-0.05	0.0	0.0	590.12	302.23	-117.74	1.136e+04	1.035e+04	-8819.67
		-8819.67	-1.331e+04	-9.39e-03	0.0	142.8	590.12	302.23	-117.74	1.136e+04	-1.331e+04	3.759e+04
285	16	1.009e+05	-4.072e+04	0.08	0.0	0.0	259.53	1224.50	391.77	7.924e+04	-7.484e+04	-7.411e+04
		-7.411e+04	-7.484e+04	-0.04	0.0	142.8	259.53	1224.50	391.77	7.924e+04	-4.072e+04	1.009e+05
285	17	4.815e+04	-5.773e+04	0.02	0.0	0.0	404.15	545.99	443.25	1.217e+05	-1.136e+05	-3.037e+04
		-3.037e+04	-1.136e+05	-0.11	0.0	142.8	404.15	545.99	443.25	1.217e+05	-5.773e+04	4.815e+04
286	1	2.041e+04	4.015e+04	-1.91e-03	-1104.54	0.0	-5309.55	251.05	155.18	1.683e+04	-9650.07	1.135e+04
		-8.532e+04	-9650.07	-7.05e-03	0.0	320.9	-4831.61	-853.49	155.18	1.683e+04	4.015e+04	-8.532e+04
286	2	1.344e+05	1.444e+04	-0.01	-6893.23	0.0	-8798.38	2693.14	24.38	-2.873e+04	6614.02	-3.417e+04
		-2.759e+05	6614.02	-5.19e-03	0.0	320.9	-5815.67	-4200.09	24.38	-2.873e+04	1.444e+04	-2.759e+05
286	3	271.49	65.30	-4.07e-05	0.0	0.0	-8.63	1.73	1.24	253.82	-332.89	-282.61
		-282.61	-332.89	-1.03e-04	0.0	320.9	-8.63	1.73	1.24	253.82	65.30	271.49
286	4	7069.22	946.31	-9.93e-04	0.0	0.0	-52.13	34.27	-4.91	-296.57	946.31	-3930.66
		-3930.66	-628.39	-2.74e-04	0.0	320.9	-52.13	34.27	-4.91	-296.57	-628.39	7069.22
286	5	4216.62	7507.35	-4.42e-04	0.0	0.0	-3.64	-8.83	-36.08	-2431.41	7507.35	4216.62
		1384.33	-4071.07	-7.88e-04	0.0	320.9	-3.64	-8.83	-36.08	-2431.41	-4071.07	1384.33
286	6	-4.620e+04	2.209e+04	-0.01	0.0	0.0	-3849.65	-152.80	-79.39	-1.438e+04	2.209e+04	-4.620e+04
		-8.429e+04	-3463.00	0.16	0.0	320.9	-3849.65	-152.80	-79.39	-1.438e+04	-3463.00	-8.429e+04
286	7	2.986e+04	1.682e+04	0.02	0.0	0.0	-6145.11	-372.71	-50.69	-1.090e+04	1.682e+04	2.986e+04
		-9.088e+04	-1417.12	-0.06	0.0	320.9	-6145.11	-372.71	-50.69	-1.090e+04	-1417.12	-9.088e+04
286	8	3.407e+05	1.429e+04	0.10	0.0	0.0	-4531.65	-1341.89	66.01	3307.57	-7330.17	3.407e+05
		-1.165e+05	-7330.17	0.20	0.0	320.9	-4531.65	-1341.89	66.01	3307.57	1.429e+04	-1.165e+05
286	9	3.817e+05	1.483e+04	0.13	0.0	0.0	-6503.43	-1298.82	72.63	4834.93	-8736.95	3.817e+05
		-1.265e+05	-8736.95	-0.23	0.0	320.9	-6503.43	-1298.82	72.63	4834.93	1.483e+04	-1.265e+05
286	10	-2.514e+04	1.176e+04	-6.34e-03	0.0	0.0	-2175.82	-84.12	-42.25	-7659.55	1.176e+04	-2.514e+04
		-4.544e+04	-1853.12	0.09	0.0	320.9	-2175.82	-84.12	-42.25	-7659.55	-1853.12	-4.544e+04
286	11	1.641e+04	8953.00	8.35e-03	0.0	0.0	-3299.29	-203.35	-27.06	-5802.58	8953.00	1.641e+04
		-4.947e+04	-834.99	-0.03	0.0	320.9	-3299.29	-203.35	-27.06	-5802.58	-834.99	-4.947e+04
286	12	1.835e+05	7787.72	0.06	0.0	0.0	-2555.80	-721.59	36.17	1906.70	-4078.07	1.835e+05
		-6.510e+04	-4078.07	0.11	0.0	320.9	-2555.80	-721.59	36.17	1906.70	7787.72	-6.510e+04
286	13	2.038e+05	7950.68	0.07	0.0	0.0	-3478.42	-710.49	38.75	2613.18	-4653.48	2.038e+05
		-7.563e+04	-4653.48	-0.13	0.0	320.9	-3478.42	-710.49	38.75	2613.18	7950.68	-7.563e+04
286	14	-1.888e+04	8813.33	-4.75e-03	0.0	0.0	-1644.47	-63.71	-31.68	-5742.86	8813.33	-1.888e+04
		-3.412e+04	-1390.76	0.06	0.0	320.9	-1644.47	-63.71	-31.68	-5742.86	-1390.76	-3.412e+04
286	15	1.238e+04	6705.09	6.26e-03	0.0	0.0	-2475.65	-153.09	-20.27	-4345.40	6705.09	1.238e+04
		-3.722e+04	-637.42	-0.03	0.0	320.9	-2475.65	-153.09	-20.27	-4345.40	-637.42	-3.722e+04
286	16	1.377e+05	5862.90	0.04	0.0	0.0	-1919.80	-542.19	27.21	1432.56	-3064.98	1.377e+05
		-4.937e+04	-3064.98	0.08	0.0	320.9	-1919.80	-542.19	27.21	1432.56	5862.90	-4.937e+04
286	17	1.531e+05	5977.94	0.05	0.0	0.0	-2614.56	-536.62	29.11	1962.77	-3495.11	1.531e+05
		-5.817e+04	-3495.11	-0.10	0.0	320.9	-2614.56	-536.62	29.11	1962.77	5977.94	-5.817e+04
287	1	1.788e+04	9072.73	-2.30e-03	-1104.76	0.0	-5180.21	273.32	-151.74	-1.682e+04	9072.73	7028.91
		-8.255e+04	-3.964e+04	6.77e-03	0.0	321.0	-4702.27	-831.44	-151.74	-1.682e+04	-3.964e+04	-8.255e+04
287	2	1.306e+05	-7959.08	-0.01	-6894.59	0.0	-8753.50	2779.80	-18.28	2.975e+04	-7959.08	-4.838e+04
		-2.626e+05	-1.383e+04	4.77e-03	0.0	321.0	-5770.78	-4114.79	-18.28	2.975e+04	-1.383e+04	-2.626e+05
287	3	2908.69	-28.75	-5.57e-04	0.0	0.0	-65.16	10.89	-0.18	268.10	-28.75	-588.23
		-588.23	-88.07	-7.67e-05	0.0	321.0	-65.16	10.89	-0.18	268.10	-88.07	2908.69
287	4	1.123e+04	630.47	-1.76e-03	0.0	0.0	-126.74	50.52	6.70	1045.85	-1520.80	-4986.67
		-4986.67	-1520.80	1.90e-04	0.0	321.0	-126.74	50.52	6.70	1045.85	630.47	1.123e+04
287	5	2706.56	4389.39	-3.14e-04	0.0	0.0	34.80	-3.09	38.66	2568.95	-8020.87	2706.56
		1715.79	-8020.87	7.76e-04	0.0	321.0	34.80	-3.09	38.66	2568.95	4389.39	1715.79
287	6	9.907e+04	1.235e+04	-6.51e-03	0.0	0.0	4075.07	239.47	-41.09	-1.079e+04	1.235e+04	3.790e+04
		3.790e+04	3264.45	0.17	0.0	321.0	4075.07	239.47	-41.09	-1.079e+04	3264.45	9.907e+04
287	7	1.024e+05	8095.49	-0.02	0.0	0.0	6414.76	452.49	-24.24	-7835.04	8095.49	-4.326e+04
		-4.326e+04	5566.43	-0.06	0.0	321.0	6414.76	452.49	-24.24	-7835.04	5566.43	1.024e+05
287	8	3.655e+05	6193.75	0.12	0.0	0.0	-6909.75	-1247.22	-61.46	2872.00	6193.75	3.655e+05
		-1.358e+05	-1.392e+04	0.20	0.0	321.0	-6909.75	-1247.22	-61.46	2872.00	-1.392e+04	-1.358e+05
287	9	3.444e+05	4995.79	0.10	0.0	0.0	-4900.23	-1358.47	-58.91	4216.04	4995.79	3.444e+05
		-1.176e+05	-1.417e+04	-0.24	0.0	321.0	-4900.23	-1358.47	-58.91	4216.04	-1.417e+04	-1.176e+05
287	10	5.330e+04	6735.72	-3.52e-03	0.0	0.0	2292.44	130.17	-23.03	-5755.57	6735.72	2.099e+04
		2.099e+04	1928.31	0.09	0.0	321.0	2292.44	130.17	-23.03	-5755.57	1928.31	5.330e+04
287	11	5.543e+04	4532.09	-8.16e-03	0.0	0.0	3441.42	244.70	-14.67	-4175.82	4532.09	2.337e+04
		-2.337e+04	3078.27	-0.03	0.0	321.0	3441.42	244.70	-14.67	-4175.82	3078.27	5.543e+04
287	12	1.954e+05	3327.37	0.07	0.0	0.0	-3695.25	-686.81	-32.90	1679.59	3327.37	1.954e+05
		-8.120e+04	-7485.84	0.11	0.0	321.0	-3695.25	-686.81	-32.90	1679.59	-7485.84	-8.120e+04

287	13	1.852e+05	2771.67	0.06	0.0	0.0	-2719.44	-731.92	-32.06	2265.27	2771.67	1.852e+05
		-6.629e+04	-7675.00	-0.13	0.0	321.0	-2719.44	-731.92	-32.06	2265.27	-7675.00	-6.629e+04
287	14	4.003e+04	5079.72	-2.65e-03	0.0	0.0	1731.85	98.25	-17.47	-4316.26	5079.72	1.580e+04
		1.580e+04	1476.88	0.07	0.0	321.0	1731.85	98.25	-17.47	-4316.26	1476.88	4.003e+04
287	15	4.166e+04	3430.82	-6.12e-03	0.0	0.0	2581.92	183.89	-11.26	-3128.42	3430.82	1.756e+04
		-1.756e+04	2323.78	-0.02	0.0	321.0	2581.92	183.89	-11.26	-3128.42	2323.78	4.166e+04
287	16	1.468e+05	2503.29	0.05	0.0	0.0	-2776.41	-519.21	-24.73	1264.26	2503.29	1.468e+05
		-6.241e+04	-5629.48	0.08	0.0	321.0	-2776.41	-519.21	-24.73	1264.26	-5629.48	-6.241e+04
287	17	1.390e+05	2085.44	0.04	0.0	0.0	-2043.81	-550.86	-24.12	1702.04	2085.44	1.390e+05
		-5.046e+04	-5775.98	-0.10	0.0	321.0	-2043.81	-550.86	-24.12	1702.04	-5775.98	-5.046e+04
288	1	2.487e+04	3.353e+04	4.04e-03	-1650.00	0.0	-4539.59	992.88	-134.48	-9598.95	3.353e+04	-1.125e+05
		-1.125e+05	-2.842e+04	-4.22e-03	0.0	460.7	-5051.24	-657.12	-134.48	-9598.95	-2.842e+04	-3.520e+04
288	2	2.195e+05	9528.52	-0.03	-1.030e+04	0.0	-5514.68	5218.89	-28.66	2.871e+04	9528.52	-3.897e+05
		-3.897e+05	-3673.35	-2.79e-03	0.0	460.7	-8707.38	-5077.11	-28.66	2.871e+04	-3673.35	-3.571e+05
288	3	147.05	45.03	-7.73e-05	0.0	0.0	25.93	0.39	-0.30	-57.91	45.03	-32.26
		-32.26	-95.40	-1.70e-04	0.0	460.7	25.93	0.39	-0.30	-57.91	-95.40	147.05
288	4	5439.45	586.54	1.46e-03	0.0	0.0	-6.66	-16.36	2.02	122.79	-342.92	5439.45
		-2096.85	-342.92	-2.97e-04	0.0	460.7	-6.66	-16.36	2.02	122.79	586.54	-2096.85
288	5	3061.98	3426.65	9.66e-04	0.0	0.0	-14.36	-4.83	11.81	832.89	-2012.58	3061.98
		838.56	-2012.58	-8.83e-04	0.0	460.7	-14.36	-4.83	11.81	832.89	3426.65	838.56
288	6	4.951e+04	3.861e+04	-0.04	0.0	0.0	-1.160e+04	249.27	-210.43	2.797e+04	3.861e+04	-7.263e+04
		-7.263e+04	-5.834e+04	0.33	0.0	460.7	-1.160e+04	249.27	-210.43	2.797e+04	-5.834e+04	4.951e+04
288	7	3.362e+04	4.413e+04	-0.03	0.0	0.0	-7934.34	233.16	-236.39	3.279e+04	4.413e+04	-7.408e+04
		-7.408e+04	-6.477e+04	0.04	0.0	460.7	-7934.34	233.16	-236.39	3.279e+04	-6.477e+04	3.362e+04
288	8	-1.106e+05	2.526e+04	0.09	0.0	0.0	7977.32	-384.02	112.60	-1.080e+04	-2.676e+04	-1.106e+05
		-1.646e+05	-2.676e+04	0.37	0.0	460.7	7977.32	-384.02	112.60	-1.080e+04	-2.676e+04	-1.646e+05
288	9	-1.462e+05	8605.14	0.12	0.0	0.0	1.081e+04	-410.27	33.97	-5230.68	-9254.36	-2.135e+05
		-2.135e+05	-9254.36	-0.35	0.0	460.7	1.081e+04	-410.27	33.97	-5230.68	8605.14	-1.462e+05
288	10	2.677e+04	2.069e+04	-0.02	0.0	0.0	-6197.38	140.15	-112.70	1.498e+04	2.069e+04	-4.194e+04
		-4.194e+04	-3.123e+04	0.17	0.0	460.7	-6197.38	140.15	-112.70	1.498e+04	-3.123e+04	2.677e+04
288	11	1.794e+04	2.354e+04	-0.01	0.0	0.0	-4274.01	124.63	-126.13	1.749e+04	2.354e+04	-3.963e+04
		-3.963e+04	-3.457e+04	0.02	0.0	460.7	-4274.01	124.63	-126.13	1.749e+04	-3.457e+04	1.794e+04
288	12	-6.516e+04	1.344e+04	0.05	0.0	0.0	4455.41	-215.54	59.89	-5787.58	-1.425e+04	-6.516e+04
		-8.835e+04	-1.425e+04	0.20	0.0	460.7	4455.41	-215.54	59.89	-5787.58	1.344e+04	-8.835e+04
288	13	-7.984e+04	4915.91	0.06	0.0	0.0	5764.62	-243.35	19.99	-2914.66	-5373.16	-1.178e+05
		-1.178e+05	-5373.16	-0.19	0.0	460.7	5764.62	-243.35	19.99	-2914.66	4915.91	-7.984e+04
288	14	2.013e+04	1.552e+04	-0.02	0.0	0.0	-4649.00	105.69	-84.53	1.124e+04	1.552e+04	-3.167e+04
		-3.167e+04	-2.343e+04	0.13	0.0	460.7	-4649.00	105.69	-84.53	1.124e+04	-2.343e+04	2.013e+04
288	15	1.345e+04	1.764e+04	-0.01	0.0	0.0	-3209.05	93.46	-94.51	1.310e+04	1.764e+04	-2.973e+04
		-2.973e+04	-2.590e+04	0.02	0.0	460.7	-3209.05	93.46	-94.51	1.310e+04	-2.590e+04	1.345e+04
288	16	-4.947e+04	1.009e+04	0.04	0.0	0.0	3346.48	-163.51	44.95	-4345.49	-1.070e+04	-4.947e+04
		-6.638e+04	-1.070e+04	0.15	0.0	460.7	3346.48	-163.51	44.95	-4345.49	1.009e+04	-6.638e+04
288	17	-6.025e+04	3705.04	0.05	0.0	0.0	4330.24	-186.77	15.10	-2189.20	-4058.46	-8.916e+04
		-8.916e+04	-4058.46	-0.15	0.0	460.7	4330.24	-186.77	15.10	-2189.20	3705.04	-6.025e+04
289	1	2.520e+04	2.842e+04	3.91e-03	-1650.00	0.0	-4563.16	994.96	134.53	9554.59	-3.355e+04	-1.128e+05
		-1.128e+05	-3.355e+04	4.20e-03	0.0	460.7	-5074.81	-655.04	134.53	9554.59	2.842e+04	-3.452e+04
289	2	2.206e+05	3853.04	-0.03	-1.030e+04	0.0	-5875.54	5215.50	29.04	-2.892e+04	3853.04	-3.567e+05
		-3.878e+05	-9525.28	2.12e-03	0.0	460.7	-9068.23	-5080.50	29.04	-2.892e+04	-9525.28	-3.878e+05
289	3	1376.12	213.19	2.83e-04	0.0	0.0	-85.57	-3.45	0.71	-28.77	213.19	-212.23
		-212.23	-112.98	-1.86e-04	0.0	460.7	-85.57	-3.45	0.71	-28.77	-112.98	1376.12
289	4	7455.12	253.43	1.99e-03	0.0	0.0	-175.49	-21.81	-1.47	-249.03	253.43	7455.12
		-2593.52	-422.79	-3.20e-04	0.0	460.7	-175.49	-21.81	-1.47	-249.03	-422.79	-2593.52
289	5	2754.77	2021.60	9.55e-04	0.0	0.0	-16.55	-3.77	-11.83	-836.10	2021.60	2754.77
		1017.89	-3430.05	6.51e-04	0.0	460.7	-16.55	-3.77	-11.83	-836.10	-3430.05	1017.89
289	6	7.166e+04	3.872e+04	0.05	0.0	0.0	1.208e+04	-262.97	-210.56	2.858e+04	3.872e+04	7.166e+04
		-5.981e+04	-5.829e+04	0.33	0.0	460.7	1.208e+04	-262.97	-210.56	2.858e+04	-5.829e+04	-5.981e+04
289	7	6.859e+04	4.432e+04	0.02	0.0	0.0	8372.21	-237.98	-237.48	3.334e+04	4.432e+04	6.859e+04
		-4.132e+04	-6.508e+04	0.04	0.0	460.7	8372.21	-237.98	-237.48	3.334e+04	-6.508e+04	-4.132e+04
289	8	-1.436e+05	1.010e+04	0.11	0.0	0.0	1.059e+04	-436.20	-45.32	6983.90	1.010e+04	-2.169e+05
		-2.169e+05	-1.271e+04	0.36	0.0	460.7	1.059e+04	-436.20	-45.32	6983.90	-1.271e+04	-2.169e+05
289	9	-1.078e+05	2.570e+04	0.10	0.0	0.0	7842.84	-377.15	-106.33	9583.68	2.570e+04	-1.078e+05
		-1.691e+05	-2.341e+04	-0.35	0.0	460.7	7842.84	-377.15	-106.33	9583.68	-2.341e+04	-1.691e+05
289	10	4.156e+04	2.076e+04	0.02	0.0	0.0	6450.12	-148.05	-112.82	1.531e+04	2.076e+04	4.156e+04
		-3.240e+04	-3.122e+04	0.17	0.0	460.7	6450.12	-148.05	-112.82	1.531e+04	-3.122e+04	-3.240e+04
289	11	3.675e+04	2.364e+04	0.01	0.0	0.0	4503.64	-127.26	-126.73	1.779e+04	2.364e+04	3.675e+04
		-2.204e+04	-3.474e+04	0.02	0.0	460.7	4503.64	-127.26	-126.73	1.779e+04	-3.474e+04	-2.204e+04
289	12	-7.882e+04	5916.49	0.06	0.0	0.0	5653.91	-259.00	-26.09	3854.59	5916.49	-1.202e+05
		-1.202e+05	-7089.38	0.20	0.0	460.7	5653.91	-259.00	-26.09	3854.59	-7089.38	-7.882e+04
289	13	-6.307e+04	1.367e+04	0.05	0.0	0.0	4332.59	-213.02	-56.53	5128.03	1.367e+04	-6.307e+04
		-9.087e+04	-1.245e+04	-0.19	0.0	460.7	4332.59	-213.02	-56.53	5128.03	-1.245e+04	-9.087e+04
289	14	3.143e+04	1.557e+04	0.02	0.0	0.0	4838.18	-111.76	-84.63	1.148e+04	1.557e+04	3.143e+04
		-2.437e+04	-2.342e+04	0.13	0.0	460.7	4838.18	-111.76	-84.63	1.148e+04	-2.342e+04	-2.437e+04
289	15	2.757e+04	1.772e+04	9.01e-03	0.0	0.0	3380.33	-95.43	-94.96	1.333e+04	1.772e+04	2.757e+04
		-1.651e+04	-2.603e+04	0.02	0.0	460.7	3380.33	-95.43	-94.96	1.333e+04	-2.603e+04	-1.651e+04
289	16	-5.951e+04	4466.34	0.05	0.0	0.0	4245.76	-198.70	-19.66	2894.41	4466.34	-9.101e+04
		-9.101e+04	-5332.36	0.15	0.0	460.7	4245.76	-198.70	-19.66	2894.41	-5332.36	-9.101e+04

289	17	-4.799e+04	1.027e+04	0.04	0.0	0.0	3254.45	-162.14	-42.43	3850.54	1.027e+04	-4.799e+04
		-6.835e+04	-9346.05	-0.15	0.0	460.7	3254.45	-162.14	-42.43	3850.54	-9346.05	-6.835e+04
290	1	1.655e+05	2.369e+04	-0.49	-4051.05	0.0	-155.00	2025.30	-1.78	-2.32	2.369e+04	-2.902e+05
		-2.904e+05	2.208e+04	-6.43e-03	0.0	900.2	-155.00	-2025.76	-1.78	-2.32	2.208e+04	-2.904e+05
290	2	-7626.99	-1.146e+05	0.04	0.0	0.0	-256.92	0.65	0.14	55.51	-1.147e+05	-8213.81
		-8213.81	-1.147e+05	0.03	0.0	900.2	-256.92	0.65	0.14	55.51	-1.146e+05	-7626.99
290	3	203.04	459.44	-2.19e-03	0.0	0.0	1.17	0.45	0.94	39.18	-383.61	-201.37
		-201.37	-383.61	-1.04e-03	0.0	900.2	1.17	0.45	0.94	39.18	459.44	203.04
290	4	233.63	524.15	-3.30e-03	0.0	0.0	-12.80	0.65	1.34	56.53	-678.29	-203.34
		-353.34	-678.29	-1.56e-03	0.0	900.2	-12.80	0.65	1.34	56.53	524.15	233.63
290	5	-241.49	-1405.58	1.54e-03	0.0	0.0	-47.48	-0.06	-0.26	-4.39	-1405.58	-241.49
		-299.88	-1638.11	3.16e-04	0.0	900.2	-47.48	-0.06	-0.26	-4.39	-1638.11	-299.88
290	6	-2861.08	2.490e+04	-0.04	0.0	0.0	-169.41	6.55	-56.52	8213.11	2.490e+04	-3049.15
		-3049.15	-2.602e+04	0.76	0.0	900.2	-169.41	6.55	-56.52	8213.11	-2.602e+04	-2861.08
290	7	1033.04	2.551e+04	-0.04	0.0	0.0	-149.97	-2.48	-57.75	3781.90	2.551e+04	1033.04
		-1228.95	-2.649e+04	-0.22	0.0	900.2	-149.97	-2.48	-57.75	3781.90	-2.649e+04	-1228.95
290	8	5524.68	-1.863e+04	0.01	0.0	0.0	-2209.40	10.01	-25.07	7518.31	-1.863e+04	-3726.67
		-3726.67	-3.217e+04	0.59	0.0	900.2	-2209.40	10.01	-25.07	7518.31	-3.217e+04	5524.68
290	9	4902.52	-1.708e+04	-0.03	0.0	0.0	-2258.95	-8.59	25.71	-6992.58	-3.410e+04	4902.52
		3112.16	-3.410e+04	-0.52	0.0	900.2	-2258.95	-8.59	25.71	-6992.58	-1.708e+04	3112.16
290	10	-1617.66	1.328e+04	-0.02	0.0	0.0	-91.02	3.69	-30.15	4453.30	1.328e+04	-1712.20
		-1712.20	-1.388e+04	0.42	0.0	900.2	-91.02	3.69	-30.15	4453.30	-1.388e+04	-1617.66
290	11	607.58	1.366e+04	-0.02	0.0	0.0	-80.40	-1.43	-30.92	2076.46	1.366e+04	607.58
		-699.13	-1.418e+04	-0.12	0.0	900.2	-80.40	-1.43	-30.92	2076.46	-1.418e+04	-699.13
290	12	2994.73	-1.047e+04	6.23e-03	0.0	0.0	-1202.28	5.50	-13.96	4221.93	-1.047e+04	-2101.45
		-2101.45	-1.736e+04	0.30	0.0	900.2	-1202.28	5.50	-13.96	4221.93	-1.736e+04	2994.73
290	13	2652.94	-9537.47	-0.01	0.0	0.0	-1224.53	-4.72	14.09	-3901.51	-1.834e+04	2652.94
		1762.85	-1.834e+04	-0.26	0.0	900.2	-1224.53	-4.72	14.09	-3901.51	-9537.47	1762.85
290	14	-1217.82	9959.88	-0.01	0.0	0.0	-68.40	2.78	-22.61	3341.04	9959.88	-1288.63
		-1288.63	-1.041e+04	0.31	0.0	900.2	-68.40	2.78	-22.61	3341.04	-1.041e+04	-1217.82
290	15	464.43	1.024e+04	-0.02	0.0	0.0	-60.31	-1.09	-23.18	1565.40	1.024e+04	464.43
		-531.46	-1.063e+04	-0.09	0.0	900.2	-60.31	-1.09	-23.18	1565.40	-1.063e+04	-531.46
290	16	2248.71	-7892.00	4.68e-03	0.0	0.0	-906.07	4.13	-10.53	3180.01	-7892.00	-1577.42
		-1577.42	-1.308e+04	0.22	0.0	900.2	-906.07	4.13	-10.53	3180.01	-1.308e+04	2248.71
290	17	1992.78	-7189.05	-0.01	0.0	0.0	-922.55	-3.54	10.61	-2940.98	-1.380e+04	1992.78
		1324.11	-1.380e+04	-0.20	0.0	900.2	-922.55	-3.54	10.61	-2940.98	-7189.05	1324.11
291	1	1.342e+05	1.189e+05	-0.31	-3841.02	0.0	1040.73	1805.12	255.98	-1511.63	-1.036e+05	-2.330e+05
		-3.333e+05	-1.036e+05	-5.00e-03	0.0	869.1	303.94	-2035.90	255.98	-1511.63	1.189e+05	-3.333e+05
291	2	3.992e+05	-2.115e+04	-1.12	-9541.42	0.0	-679.21	3873.54	58.32	9798.24	-7.183e+04	-5.711e+05
		-7.037e+05	-7.183e+04	-0.01	0.0	869.1	-2509.44	-5667.88	58.32	9798.24	-2.115e+04	-7.037e+05
291	3	384.93	1174.38	6.86e-04	0.0	0.0	-11.37	-1.02	-1.69	-207.82	1174.38	384.93
		-499.84	-291.40	-6.23e-04	0.0	869.1	-11.37	-1.02	-1.69	-207.82	-291.40	-499.84
291	4	1424.47	2668.88	3.65e-03	0.0	0.0	-30.82	-4.28	-3.13	-635.62	2668.88	1424.47
		-2294.45	-55.46	-1.51e-03	0.0	869.1	-30.82	-4.28	-3.13	-635.62	-55.46	-2294.45
291	5	2658.33	3838.16	7.90e-03	0.0	0.0	-88.86	-10.05	6.48	-612.88	-1789.72	2658.33
		-6075.26	-1789.72	-1.74e-03	0.0	869.1	-88.86	-10.05	6.48	-612.88	3838.16	-6075.26
291	6	6410.09	2.245e+05	-0.10	0.0	0.0	-7475.25	-20.29	-356.04	-1.456e+04	2.245e+05	6410.09
		-1.248e+04	-8.607e+04	0.98	0.0	869.1	-7475.25	-20.29	-356.04	-1.456e+04	-8.607e+04	-1.248e+04
291	7	5073.70	6.905e+04	-0.07	0.0	0.0	-3191.36	-19.43	-104.67	-8808.28	6.905e+04	5073.70
		-1.196e+04	-2.380e+04	-0.03	0.0	869.1	-3191.36	-19.43	-104.67	-8808.28	-2.380e+04	-1.196e+04
291	8	3.500e+04	7.026e+05	-0.19	0.0	0.0	-1.592e+04	78.62	-1157.51	7.112e+04	7.026e+05	-3.339e+04
		-3.339e+04	-3.035e+05	1.66	0.0	869.1	-1.592e+04	78.62	-1157.51	7.112e+04	-3.035e+05	3.500e+04
291	9	2.287e+04	4.172e+05	-0.19	0.0	0.0	-9161.51	50.36	-688.53	4.535e+04	4.172e+05	-2.105e+04
		-2.105e+04	-1.814e+05	0.38	0.0	869.1	-9161.51	50.36	-688.53	4.535e+04	-1.814e+05	2.287e+04
291	10	3746.53	1.232e+05	-0.05	0.0	0.0	-4038.79	-11.72	-195.93	-8437.60	1.232e+05	3746.53
		-7084.48	-4.775e+04	0.54	0.0	869.1	-4038.79	-11.72	-195.93	-8437.60	-4.775e+04	-7084.48
291	11	2814.10	3.931e+04	-0.04	0.0	0.0	-1739.80	-10.58	-60.26	-4767.16	3.931e+04	2814.10
		-6473.60	-1.414e+04	-0.02	0.0	869.1	-1739.80	-10.58	-60.26	-4767.16	-1.414e+04	-6473.60
291	12	1.873e+04	3.790e+05	-0.10	0.0	0.0	-8611.01	42.13	-623.90	3.843e+04	3.790e+05	-1.792e+04
		-1.792e+04	-1.633e+05	0.88	0.0	869.1	-8611.01	42.13	-623.90	3.843e+04	-1.633e+05	1.873e+04
291	13	1.258e+04	2.324e+05	-0.11	0.0	0.0	-5145.36	27.70	-383.08	2.512e+04	2.324e+05	-1.159e+04
		-1.159e+04	-1.007e+05	0.24	0.0	869.1	-5145.36	27.70	-383.08	2.512e+04	-1.007e+05	1.258e+04
291	14	2833.56	9.251e+04	-0.04	0.0	0.0	-3029.64	-8.88	-147.11	-6363.51	9.251e+04	2833.56
		-5369.41	-3.588e+04	0.40	0.0	869.1	-3029.64	-8.88	-147.11	-6363.51	-3.588e+04	-5369.41
291	15	2125.98	2.985e+04	-0.03	0.0	0.0	-1309.59	-7.96	-45.85	-3586.63	2.985e+04	2125.98
		-4867.34	-1.082e+04	-0.01	0.0	869.1	-1309.59	-7.96	-45.85	-3586.63	-1.082e+04	-4867.34
291	16	1.408e+04	2.854e+05	-0.08	0.0	0.0	-6487.56	31.68	-469.69	2.895e+04	2.854e+05	-1.348e+04
		-1.348e+04	-1.229e+05	0.66	0.0	869.1	-6487.56	31.68	-469.69	2.895e+04	-1.229e+05	1.408e+04
291	17	9481.94	1.749e+05	-0.08	0.0	0.0	-3876.51	20.85	-288.35	1.891e+04	1.749e+05	-8718.22
		-8718.22	-7.580e+04	0.18	0.0	869.1	-3876.51	20.85	-288.35	1.891e+04	-7.580e+04	9481.94
292	1	1.332e+05	1.270e+05	-0.34	-3841.16	0.0	353.21	2041.95	-269.43	1475.42	1.270e+05	-3.370e+05
		-3.370e+05	-1.071e+05	-5.91e-03	0.0	869.2	1090.08	-1799.21	-269.43	1475.42	-1.071e+05	-2.315e+05
292	2	3.991e+05	-1.535e+04	-1.20	-9544.93	0.0	-2441.25	5666.85	-70.13	-1.037e+04	-1.535e+04	-7.033e+05
		-7.033e+05	-7.630e+04	0.02	0.0	869.2	-610.19	-3878.08	-70.13	-1.037e+04	-7.630e+04	-5.725e+05
292	3	338.75	316.85	5.69e-04	0.0	0.0	4.48	-0.65	0.68	-8.72	-271.05	338.75
		-229.66	-271.05	-4.13e-04	0.0	869.2	4.48	-0.65	0.68	-8.72	316.85	-229.66

292	4	473.31	1457.44	1.65e-03	0.0	0.0	-6.20	1.67	1.77	314.32	-84.63	-981.79
		-981.79	-84.63	-2.39e-04	0.0	869.2	-6.20	1.67	1.77	314.32	1457.44	473.31
292	5	2463.06	3504.13	0.01	0.0	0.0	-81.21	9.35	-5.77	631.35	3504.13	-5665.65
		-5665.65	-1508.55	1.14e-03	0.0	869.2	-81.21	9.35	-5.77	631.35	-1508.55	2463.06
292	6	1.266e+04	8.105e+04	-0.09	0.0	0.0	7108.98	-20.57	-334.97	-1.369e+04	8.105e+04	1.266e+04
		-6079.98	-2.112e+05	0.94	0.0	869.2	7108.98	-20.57	-334.97	-1.369e+04	-2.112e+05	-6079.98
292	7	1.347e+04	2.708e+04	-0.07	0.0	0.0	2918.26	-23.10	-104.56	-1.040e+04	2.708e+04	1.347e+04
		-6681.44	-6.622e+04	-0.10	0.0	869.2	2918.26	-23.10	-104.56	-1.040e+04	-6.622e+04	-6681.44
292	8	3.296e+04	4.191e+05	0.27	0.0	0.0	-9285.28	-64.07	700.32	-4.508e+04	-1.916e+05	3.296e+04
		-2.352e+04	-1.916e+05	-0.46	0.0	869.2	-9285.28	-64.07	700.32	-4.508e+04	-1.916e+05	-2.352e+04
292	9	3.595e+04	7.073e+05	0.22	0.0	0.0	-1.597e+04	-79.91	1174.88	-7.191e+04	-3.140e+05	3.595e+04
		-3.361e+04	-3.140e+05	-1.62	0.0	869.2	-1.597e+04	-79.91	1174.88	-7.191e+04	-3.140e+05	-3.361e+04
292	10	7171.07	4.516e+04	-0.05	0.0	0.0	3848.25	-11.82	-184.99	-8021.66	4.516e+04	7171.07
		-3566.86	-1.163e+05	0.52	0.0	869.2	3848.25	-11.82	-184.99	-8021.66	-1.163e+05	-3566.86
292	11	7389.33	1.624e+04	-0.04	0.0	0.0	1600.64	-12.73	-61.31	-5604.25	1.624e+04	7389.33
		-3718.50	-3.832e+04	-0.05	0.0	869.2	1600.64	-12.73	-61.31	-5604.25	-3.832e+04	-3718.50
292	12	1.902e+04	2.363e+05	0.15	0.0	0.0	-5279.53	-36.65	394.66	-2.525e+04	-1.080e+05	1.902e+04
		-1.330e+04	-1.080e+05	-0.30	0.0	869.2	-5279.53	-36.65	394.66	-2.525e+04	-1.080e+05	-1.330e+04
292	13	1.925e+04	3.806e+05	0.12	0.0	0.0	-8617.78	-42.79	631.80	-3.876e+04	-1.687e+05	1.925e+04
		-1.801e+04	-1.687e+05	-0.85	0.0	869.2	-8617.78	-42.79	631.80	-3.876e+04	-1.687e+05	-1.801e+04
292	14	5448.09	3.391e+04	-0.03	0.0	0.0	2886.40	-8.97	-138.82	-6047.46	3.391e+04	5448.09
		-2698.24	-8.727e+04	0.39	0.0	869.2	2886.40	-8.97	-138.82	-6047.46	-8.727e+04	-2698.24
292	15	5576.98	1.246e+04	-0.03	0.0	0.0	1206.49	-9.61	-46.83	-4210.21	1.246e+04	5576.98
		-2814.20	-2.919e+04	-0.04	0.0	869.2	1206.49	-9.61	-46.83	-4210.21	-2.919e+04	-2814.20
292	16	1.462e+04	1.779e+05	0.11	0.0	0.0	-3976.56	-28.02	297.23	-1.901e+04	-8.147e+04	1.462e+04
		-1.010e+04	-8.147e+04	-0.22	0.0	869.2	-3976.56	-28.02	297.23	-1.901e+04	-8.147e+04	-1.010e+04
292	17	1.448e+04	2.865e+05	0.09	0.0	0.0	-6491.06	-32.18	475.54	-2.919e+04	-1.269e+05	1.448e+04
		-1.354e+04	-1.269e+05	-0.64	0.0	869.2	-6491.06	-32.18	475.54	-2.919e+04	-1.269e+05	-1.354e+04
293	1	1.339e+05	1.159e+05	-0.31	-3840.94	0.0	779.22	1805.19	-278.06	2256.68	1.159e+05	-2.333e+05
		-3.335e+05	-1.257e+05	8.27e-03	0.0	869.1	42.43	-2035.75	-278.06	2256.68	-1.257e+05	-3.335e+05
293	2	4.006e+05	7.198e+04	-1.13	-9541.41	0.0	-1288.00	3874.66	-55.92	-1.040e+04	7.198e+04	-5.701e+05
		-7.018e+05	2.338e+04	-0.02	0.0	869.1	-3118.28	-5666.75	-55.92	-1.040e+04	2.338e+04	-7.018e+05
293	3	250.41	660.46	-6.27e-04	0.0	0.0	9.33	0.39	2.31	31.62	-1342.89	-92.16
		-92.16	-1342.89	-6.41e-04	0.0	869.1	9.33	0.39	2.31	31.62	660.46	250.41
293	4	614.56	1191.61	1.29e-03	0.0	0.0	-30.37	-1.92	6.16	405.65	-4165.95	614.56
		-1052.81	-4165.95	-1.57e-03	0.0	869.1	-30.37	-1.92	6.16	405.65	1191.61	-1052.81
293	5	2273.89	-1800.15	6.07e-03	0.0	0.0	-178.32	-8.99	0.82	721.10	-2513.17	2273.89
		-5535.46	-2513.17	-2.37e-03	0.0	869.1	-178.32	-8.99	0.82	721.10	-1800.15	-5535.46
293	6	1.279e+04	7.989e+04	-0.08	0.0	0.0	-3966.00	-37.43	288.58	2.011e+04	-1.723e+05	1.279e+04
		-1.990e+04	-1.723e+05	0.96	0.0	869.1	-3966.00	-37.43	288.58	2.011e+04	7.989e+04	-1.990e+04
293	7	6344.84	2.943e+04	-0.08	0.0	0.0	-4772.90	-21.47	141.33	8360.83	-9.497e+04	6344.84
		-1.236e+04	-9.497e+04	-0.05	0.0	869.1	-4772.90	-21.47	141.33	8360.83	2.943e+04	-1.236e+04
293	8	3.586e+04	7.921e+05	0.53	0.0	0.0	1.625e+04	-91.39	-1307.52	5.814e+04	7.921e+05	3.586e+04
		-4.364e+04	-3.444e+05	1.92	0.0	869.1	1.625e+04	-91.39	-1307.52	5.814e+04	-3.444e+05	-4.364e+04
293	9	2.450e+04	4.788e+05	0.26	0.0	0.0	9040.80	-62.87	-792.47	3.640e+04	4.788e+05	2.450e+04
		-3.025e+04	-2.102e+05	0.33	0.0	869.1	9040.80	-62.87	-792.47	3.640e+04	-2.102e+05	-3.025e+04
293	10	7036.49	4.580e+04	-0.05	0.0	0.0	-2323.07	-20.61	166.30	1.098e+04	-9.954e+04	7036.49
		-1.097e+04	-9.954e+04	0.53	0.0	869.1	-2323.07	-20.61	166.30	1.098e+04	4.580e+04	-1.097e+04
293	11	3461.78	1.638e+04	-0.04	0.0	0.0	-2548.93	-11.73	76.77	4646.85	-5.133e+04	3461.78
		-6760.28	-5.133e+04	-0.03	0.0	869.1	-2548.93	-11.73	76.77	4646.85	1.638e+04	-6760.28
293	12	1.922e+04	4.262e+05	0.29	0.0	0.0	8785.00	-48.90	-703.13	3.162e+04	4.262e+05	1.922e+04
		-2.332e+04	-1.850e+05	1.02	0.0	869.1	8785.00	-48.90	-703.13	3.162e+04	-1.850e+05	-2.332e+04
293	13	1.341e+04	2.655e+05	0.14	0.0	0.0	5087.04	-34.40	-439.07	2.030e+04	2.655e+05	1.341e+04
		-1.656e+04	-1.162e+05	0.21	0.0	869.1	5087.04	-34.40	-439.07	2.030e+04	-1.162e+05	-1.656e+04
293	14	5301.45	3.453e+04	-0.04	0.0	0.0	-1751.76	-15.54	125.32	8242.08	-7.501e+04	5301.45
		-8282.09	-7.501e+04	0.40	0.0	869.1	-1751.76	-15.54	125.32	8242.08	3.453e+04	-8282.09
293	15	2606.80	1.240e+04	-0.03	0.0	0.0	-1910.86	-8.84	57.81	3512.72	-3.861e+04	2606.80
		-5092.84	-3.861e+04	-0.02	0.0	869.1	-1910.86	-8.84	57.81	3512.72	1.240e+04	-5092.84
293	16	1.445e+04	3.208e+05	0.22	0.0	0.0	6617.20	-36.75	-529.06	2.386e+04	3.208e+05	1.445e+04
		-1.752e+04	-1.391e+05	0.76	0.0	869.1	6617.20	-36.75	-529.06	2.386e+04	-1.391e+05	-1.752e+04
293	17	1.008e+04	1.998e+05	0.11	0.0	0.0	3832.90	-25.88	-330.32	1.531e+04	1.998e+05	1.008e+04
		-1.246e+04	-8.742e+04	0.16	0.0	869.1	3832.90	-25.88	-330.32	1.531e+04	-8.742e+04	-1.246e+04
294	1	1.328e+05	1.180e+05	-0.34	-3840.35	0.0	98.47	2041.61	285.37	-2385.46	-1.300e+05	-3.372e+05
		-3.372e+05	-1.300e+05	-7.28e-03	0.0	869.0	835.30	-1798.74	285.37	-2385.46	1.180e+05	-3.317e+05
294	2	4.000e+05	7.707e+04	-1.20	-9544.96	0.0	-3099.95	5670.33	69.66	1.020e+04	1.653e+04	-7.036e+05
		-7.036e+05	1.653e+04	-0.01	0.0	869.0	-1268.62	-3874.63	69.66	1.020e+04	7.707e+04	-5.699e+05
294	3	163.37	105.10	-2.47e-04	0.0	0.0	4.47	-0.28	-0.17	-22.89	105.10	163.37
		-81.45	-42.77	-3.89e-04	0.0	869.0	4.47	-0.28	-0.17	-22.89	-42.77	-81.45
294	4	608.65	392.35	1.66e-03	0.0	0.0	-37.04	2.02	-3.07	-397.73	392.35	-1144.95
		-1144.95	-2271.87	2.40e-04	0.0	869.0	-37.04	2.02	-3.07	-397.73	-2271.87	608.65
294	5	2217.39	-1656.43	0.01	0.0	0.0	-175.99	8.79	-1.20	-724.34	-1656.43	-5419.07
		-5419.07	-2699.23	1.83e-03	0.0	869.0	-175.99	8.79	-1.20	-724.34	-2699.23	2217.39
294	6	1.738e+04	1.624e+05	-0.09	0.0	0.0	3934.47	-32.87	273.59	1.960e+04	-7.657e+04	1.738e+04
		-1.133e+04	-7.657e+04	0.93	0.0	869.0	3934.47	-32.87	273.59	1.960e+04	1.624e+05	-1.133e+04
294	7	8839.64	1.189e+05	-0.09	0.0	0.0	5132.37	-15.06	180.92	8576.66	-3.893e+04	8839.64
		-4322.98	-3.893e+04	-0.11	0.0	869.0	5132.37	-15.06	180.92	8576.66	1.189e+05	-4322.98

294	8	2.631e+04	4.766e+05	-0.24	0.0	0.0	9005.12	72.64	799.02	-3.664e+04	-2.194e+05	-3.736e+04
		-3.736e+04	-2.194e+05	-0.29	0.0	869.0	9005.12	72.64	799.02	-3.664e+04	4.766e+05	2.631e+04
294	9	3.640e+04	8.007e+05	-0.39	0.0	0.0	1.611e+04	92.75	1334.98	-5.843e+04	-3.595e+05	-4.429e+04
		-4.429e+04	-3.595e+05	-1.63	0.0	869.0	1.611e+04	92.75	1334.98	-5.843e+04	8.007e+05	3.640e+04
294	10	9800.71	9.512e+04	-0.05	0.0	0.0	2309.37	-18.48	159.99	1.069e+04	-4.458e+04	9800.71
		-6348.19	-4.458e+04	0.51	0.0	869.0	2309.37	-18.48	159.99	1.069e+04	9.512e+04	-6348.19
294	11	4924.27	6.382e+04	-0.05	0.0	0.0	2738.70	-8.35	97.19	4787.09	-2.104e+04	4924.27
		-2383.89	-2.104e+04	-0.06	0.0	869.0	2738.70	-8.35	97.19	4787.09	6.382e+04	-2383.89
294	12	1.474e+04	2.678e+05	-0.13	0.0	0.0	5141.20	41.08	448.72	-2.063e+04	-1.232e+05	-2.129e+04
		-2.129e+04	-1.232e+05	-0.20	0.0	869.0	5141.20	41.08	448.72	-2.063e+04	2.678e+05	1.474e+04
294	13	1.948e+04	4.300e+05	-0.21	0.0	0.0	8688.91	49.60	716.58	-3.167e+04	-1.928e+05	-2.368e+04
		-2.368e+04	-1.928e+05	-0.86	0.0	869.0	8688.91	49.60	716.58	-3.167e+04	4.300e+05	1.948e+04
294	14	7458.09	7.168e+04	-0.04	0.0	0.0	1740.14	-14.03	120.61	8025.69	-3.365e+04	7458.09
		-4805.85	-3.365e+04	0.38	0.0	869.0	1740.14	-14.03	120.61	8025.69	7.168e+04	-4805.85
294	15	3726.68	4.790e+04	-0.04	0.0	0.0	2052.49	-6.32	72.96	3621.49	-1.582e+04	3726.68
		-1799.60	-1.582e+04	-0.05	0.0	869.0	2052.49	-6.32	72.96	3621.49	4.790e+04	-1799.60
294	16	1.117e+04	2.015e+05	-0.10	0.0	0.0	3873.33	31.27	337.77	-1.555e+04	-9.285e+04	-1.627e+04
		-1.627e+04	-9.285e+04	-0.15	0.0	869.0	3873.33	31.27	337.77	-1.555e+04	2.015e+05	1.117e+04
294	17	1.465e+04	3.236e+05	-0.16	0.0	0.0	6544.23	37.28	539.12	-2.389e+04	-1.450e+05	-1.780e+04
		-1.780e+04	-1.450e+05	-0.65	0.0	869.0	6544.23	37.28	539.12	-2.389e+04	3.236e+05	1.465e+04
295	1	1.675e+05	-2.466e+04	-0.50	-4050.00	0.0	97.10	2024.95	0.71	-10.78	-2.530e+04	-2.881e+05
		-2.882e+05	-2.530e+04	6.81e-03	0.0	900.0	97.10	-2025.05	0.71	-10.78	-2.466e+04	-2.882e+05
295	2	-1.108e+04	9.997e+04	0.06	0.0	0.0	51.97	-0.31	-0.67	-56.50	9.997e+04	-1.108e+04
		-1.136e+04	9.936e+04	-0.03	0.0	900.0	51.97	-0.31	-0.67	-56.50	9.936e+04	-1.136e+04
295	3	27.27	90.79	-4.05e-04	0.0	0.0	4.20	0.04	-0.32	-35.86	90.79	-9.61
		-9.61	-196.17	-1.97e-04	0.0	900.0	4.20	0.04	-0.32	-35.86	-196.17	27.27
295	4	-63.33	457.80	-6.09e-04	0.0	0.0	-5.29	0.04	-0.47	-50.30	457.80	-98.81
		-98.81	34.48	-3.24e-04	0.0	900.0	-5.29	0.04	-0.47	-50.30	34.48	-63.33
295	5	-400.37	1558.98	2.31e-03	0.0	0.0	-69.33	-0.03	-0.05	9.73	1558.98	-400.37
		-425.33	1514.11	-5.99e-04	0.0	900.0	-69.33	-0.03	-0.05	9.73	1514.11	-425.33
295	6	1.502e+04	6.131e+04	-0.06	0.0	0.0	69.56	-33.23	138.39	-5842.73	-6.327e+04	1.502e+04
		-1.488e+04	-6.327e+04	0.86	0.0	900.0	69.56	-33.23	138.39	-5842.73	6.131e+04	-1.488e+04
295	7	1.799e+04	7.450e+04	-0.04	0.0	0.0	50.67	-39.82	167.70	-3424.60	-7.644e+04	1.799e+04
		-1.785e+04	-7.644e+04	2.76e-03	0.0	900.0	50.67	-39.82	167.70	-3424.60	7.450e+04	-1.785e+04
295	8	4187.39	-2.509e+04	-0.01	0.0	0.0	1746.46	11.50	-79.49	9585.96	-2.509e+04	-6415.92
		-6415.92	-6.362e+04	0.59	0.0	900.0	1746.46	11.50	-79.49	9585.96	-6.362e+04	4187.39
295	9	3152.16	-2.253e+04	0.02	0.0	0.0	1766.31	-9.24	69.19	-8823.92	-6.007e+04	3152.16
		-5496.47	-6.007e+04	-0.51	0.0	900.0	1766.31	-9.24	69.19	-8823.92	-2.253e+04	-5496.47
295	10	8021.18	3.313e+04	-0.03	0.0	0.0	37.60	-17.74	74.76	-3406.00	-3.416e+04	8021.18
		-7945.65	-3.416e+04	0.47	0.0	900.0	37.60	-17.74	74.76	-3406.00	3.313e+04	-7945.65
295	11	9586.69	3.974e+04	-0.02	0.0	0.0	27.14	-21.22	89.44	-1852.66	-4.076e+04	9586.69
		-9515.56	-4.076e+04	-1.60e-03	0.0	900.0	27.14	-21.22	89.44	-1852.66	3.974e+04	-9515.56
295	12	2323.96	-1.475e+04	-5.59e-03	0.0	0.0	960.09	6.23	-43.11	5357.18	-1.475e+04	-3434.21
		-3434.21	-3.402e+04	0.29	0.0	900.0	960.09	6.23	-43.11	5357.18	-3.402e+04	2323.96
295	13	1784.20	-1.325e+04	8.89e-03	0.0	0.0	966.84	-5.03	37.47	-4911.51	-3.207e+04	1784.20
		-2946.36	-3.207e+04	-0.26	0.0	900.0	966.84	-5.03	37.47	-4911.51	-1.325e+04	-2946.36
295	14	6013.32	2.486e+04	-0.02	0.0	0.0	28.34	-13.30	56.09	-2569.20	-2.563e+04	6013.32
		-5956.72	-2.563e+04	0.35	0.0	900.0	28.34	-13.30	56.09	-2569.20	2.486e+04	-5956.72
295	15	7181.81	2.978e+04	-0.02	0.0	0.0	20.37	-15.90	67.02	-1393.54	-3.054e+04	7181.81
		-7128.54	-3.054e+04	-1.20e-03	0.0	900.0	20.37	-15.90	67.02	-1393.54	2.978e+04	-7128.54
295	16	1755.82	-1.112e+04	-4.20e-03	0.0	0.0	725.32	4.69	-32.35	4033.55	-1.112e+04	-2581.20
		-2581.20	-2.556e+04	0.22	0.0	900.0	725.32	4.69	-32.35	4033.55	-2.556e+04	1755.82
295	17	1352.48	-9993.62	6.66e-03	0.0	0.0	730.10	-3.80	28.12	-3701.57	-2.409e+04	1352.48
		-2215.85	-2.409e+04	-0.19	0.0	900.0	730.10	-3.80	28.12	-3701.57	-9993.62	-2215.85
296	1	4.018e+04	3.599e+04	-0.04	-777.45	0.0	-5898.43	1312.06	-27.62	9.212e+04	3.599e+04	-1.686e+05
		-1.686e+05	2.975e+04	-5.73e-03	0.0	226.1	-5560.40	534.61	-27.62	9.212e+04	2.975e+04	4.018e+04
296	2	1.210e+05	2.677e+05	-0.04	-4851.96	0.0	-9488.56	4464.04	1651.50	1.447e+05	-1.056e+05	-3.431e+05
		-3.431e+05	-1.056e+05	-0.02	0.0	226.1	-7378.99	-387.91	1651.50	1.447e+05	2.677e+05	1.210e+05
296	3	7752.28	149.88	1.56e-03	0.0	0.0	-38.10	-45.19	-0.73	-151.99	149.88	7752.28
		-2464.61	-14.36	-5.42e-05	0.0	226.1	-38.10	-45.19	-0.73	-151.99	-14.36	-2464.61
296	4	1.875e+04	151.25	4.07e-03	0.0	0.0	-96.06	-113.33	-1.91	-665.26	151.25	1.875e+04
		-6874.51	-279.41	-7.26e-05	0.0	226.1	-96.06	-113.33	-1.91	-665.26	-279.41	-6874.51
296	5	2929.03	-121.57	1.24e-03	0.0	0.0	33.62	-16.92	-2.83	-1558.99	-121.57	2929.03
		-895.33	-762.09	-7.34e-05	0.0	226.1	33.62	-16.92	-2.83	-1558.99	-762.09	-895.33
296	6	3.752e+05	4.499e+04	0.15	0.0	0.0	2391.96	-3195.69	322.13	-1.451e+04	-2.793e+04	3.752e+05
		-3.576e+05	-2.793e+04	0.12	0.0	226.1	2391.96	-3195.69	322.13	-1.451e+04	4.499e+04	-3.576e+05
296	7	2.696e+05	3.683e+04	0.09	0.0	0.0	2299.97	-1727.98	286.30	-1.472e+04	-2.794e+04	2.696e+05
		-1.269e+05	-2.794e+04	-0.04	0.0	226.1	2299.97	-1727.98	286.30	-1.472e+04	3.683e+04	-1.269e+05
296	8	6.623e+05	1.063e+05	0.23	0.0	0.0	-4227.11	-8281.72	715.02	-1.114e+04	-5.535e+04	6.623e+05
		-1.213e+06	-5.535e+04	0.06	0.0	226.1	-4227.11	-8281.72	715.02	-1.114e+04	1.063e+05	-1.213e+06
296	9	3.759e+05	8.445e+04	0.13	0.0	0.0	-2714.68	-4992.12	577.46	-1.218e+04	-4.614e+04	3.759e+05
		-7.571e+05	-4.614e+04	-0.13	0.0	226.1	-2714.68	-4992.12	577.46	-1.218e+04	8.445e+04	-7.571e+05
296	10	2.016e+05	2.406e+04	0.08	0.0	0.0	1408.59	-1731.45	172.08	-7742.74	-1.490e+04	2.016e+05
		-1.962e+05	-1.490e+04	0.06	0.0	226.1	1408.59	-1731.45	172.08	-7742.74	2.406e+04	-1.962e+05
296	11	1.466e+05	1.984e+04	0.05	0.0	0.0	1249.54	-947.95	153.83	-7855.38	-1.497e+04	1.466e+05
		-7.128e+04	-1.497e+04	-0.02	0.0	226.1	1249.54	-947.95	153.83	-7855.38	1.984e+04	-7.128e+04

296	12	3.607e+05	5.743e+04	0.12	0.0	0.0	-2308.53	-4480.46	386.35	-6093.39	-2.993e+04	3.607e+05
		-6.541e+05	-2.993e+04	0.04	0.0	226.1	-2308.53	-4480.46	386.35	-6093.39	5.743e+04	-6.541e+05
296	13	2.122e+05	4.600e+04	0.07	0.0	0.0	-1589.32	-2782.51	314.14	-6573.10	-2.504e+04	2.122e+05
		-4.194e+05	-2.504e+04	-0.07	0.0	226.1	-1589.32	-2782.51	314.14	-6573.10	4.600e+04	-4.194e+05
296	14	1.513e+05	1.505e+04	0.06	0.0	0.0	1066.67	-1299.41	129.09	-5807.97	-1.118e+04	1.513e+05
		-1.474e+05	-1.118e+04	0.05	0.0	226.1	1066.67	-1299.41	129.09	-5807.97	1.805e+04	-1.474e+05
296	15	1.103e+05	1.489e+04	0.04	0.0	0.0	940.25	-714.49	115.42	-5886.75	-1.122e+04	1.103e+05
		-5.400e+04	-1.122e+04	-0.02	0.0	226.1	940.25	-714.49	115.42	-5886.75	1.489e+04	-5.400e+04
296	16	2.722e+05	4.325e+04	0.09	0.0	0.0	-1734.86	-3376.11	290.95	-4598.46	-2.254e+04	2.722e+05
		-4.925e+05	-2.254e+04	0.03	0.0	226.1	-1734.86	-3376.11	290.95	-4598.46	4.325e+04	-4.925e+05
296	17	1.602e+05	3.462e+04	0.06	0.0	0.0	-1201.20	-2096.66	236.41	-4945.52	-1.884e+04	1.602e+05
		-3.157e+05	-1.884e+04	-0.05	0.0	226.1	-1201.20	-2096.66	236.41	-4945.52	3.462e+04	-3.157e+05
297	1	4.095e+05	2.807e+04	-0.04	-778.14	0.0	-5946.88	1315.97	39.70	-9.157e+04	-3.705e+04	4.095e+05
		-1.688e+05	-3.705e+04	5.53e-03	0.0	226.2	-5608.78	537.83	39.70	-9.157e+04	-2.807e+04	4.095e+04
297	2	1.257e+05	1.052e+05	-0.04	-4851.96	0.0	-9482.77	4581.29	-1642.56	-1.454e+05	1.052e+05	-3.631e+05
		-3.631e+05	-2.665e+05	0.02	0.0	226.2	-7374.63	-270.67	-1642.56	-1.454e+05	-2.665e+05	1.240e+05
297	3	-25.50	223.66	-1.51e-05	0.0	0.0	-5.35	-0.79	-1.37	-118.89	223.66	-25.50
		-204.65	-86.09	-4.99e-05	0.0	226.2	-5.35	-0.79	-1.37	-118.89	-86.09	-204.65
297	4	7239.81	374.87	1.75e-03	0.0	0.0	-51.97	-47.78	-1.07	237.05	374.87	7239.81
		-3570.77	132.79	-9.83e-05	0.0	226.2	-51.97	-47.78	-1.07	237.05	132.79	-3570.77
297	5	3611.13	726.05	1.38e-03	0.0	0.0	14.01	-20.99	3.05	1466.75	36.67	3611.13
		-1138.49	36.67	-1.15e-04	0.0	226.2	14.01	-20.99	3.05	1466.75	726.05	-1138.49
297	6	3.337e+05	4.138e+04	-0.15	0.0	0.0	-2394.15	3110.34	292.42	-1.293e+04	-2.486e+04	-3.827e+05
		-3.827e+05	-2.486e+04	0.12	0.0	226.2	-2394.15	3110.34	292.42	-1.293e+04	4.138e+04	3.337e+05
297	7	1.190e+05	3.390e+04	-0.12	0.0	0.0	-2201.94	1754.36	260.63	-1.325e+04	-2.513e+04	-2.869e+05
		-2.869e+05	-2.513e+04	-0.04	0.0	226.2	-2201.94	1754.36	260.63	-1.325e+04	3.390e+04	1.190e+05
297	8	3.809e+05	4.677e+04	0.13	0.0	0.0	-3046.69	-4978.34	-579.83	1.237e+04	4.677e+04	3.809e+05
		-7.495e+05	-8.448e+04	0.05	0.0	226.2	-3046.69	-4978.34	-579.83	1.237e+04	-8.448e+04	-7.495e+05
297	9	6.579e+05	5.830e+04	0.23	0.0	0.0	-3842.28	-8277.64	-744.01	1.160e+04	5.830e+04	6.579e+05
		-1.217e+06	-1.101e+05	-0.13	0.0	226.2	-3842.28	-8277.64	-744.01	1.160e+04	-1.101e+05	-1.217e+06
297	10	1.837e+05	2.216e+04	-0.08	0.0	0.0	-1409.59	1685.06	156.34	-6899.62	-1.326e+04	-2.055e+05
		-2.055e+05	-1.326e+04	0.06	0.0	226.2	-1409.59	1685.06	156.34	-6899.62	2.216e+04	1.837e+05
297	11	6.771e+04	1.833e+04	-0.06	0.0	0.0	-1199.66	965.10	140.42	-7072.29	-1.348e+04	-1.560e+05
		-1.560e+05	-1.348e+04	-0.02	0.0	226.2	-1199.66	965.10	140.42	-7072.29	1.833e+04	6.771e+04
297	12	2.170e+05	2.550e+04	0.08	0.0	0.0	-1777.24	-2803.87	-317.25	6699.32	2.550e+04	2.170e+05
		-4.196e+05	-4.632e+04	0.03	0.0	226.2	-1777.24	-2803.87	-317.25	6699.32	-4.632e+04	-4.196e+05
297	13	3.570e+05	3.139e+04	0.12	0.0	0.0	-2097.28	-4465.54	-400.60	6307.54	3.139e+04	3.570e+05
		-6.548e+05	-5.926e+04	-0.07	0.0	226.2	-2097.28	-4465.54	-400.60	6307.54	-5.926e+04	-6.548e+05
297	14	1.379e+05	1.662e+04	-0.06	0.0	0.0	-1067.52	1264.27	117.29	-5175.58	-9950.05	-1.542e+05
		-1.542e+05	-9950.05	0.05	0.0	226.2	-1067.52	1264.27	117.29	-5175.58	1.662e+04	1.379e+05
297	15	5.142e+04	1.377e+04	-0.05	0.0	0.0	-903.24	727.82	105.44	-5299.97	-1.012e+04	-1.173e+05
		-1.173e+05	-1.012e+04	-0.02	0.0	226.2	-903.24	727.82	105.44	-5299.97	1.377e+04	5.142e+04
297	16	1.637e+05	1.919e+04	0.06	0.0	0.0	-1340.14	-2112.52	-238.79	5043.86	1.919e+04	1.637e+05
		-3.159e+05	-3.486e+04	0.02	0.0	226.2	-1340.14	-2112.52	-238.79	5043.86	-3.486e+04	-3.159e+05
297	17	2.693e+05	2.363e+04	0.09	0.0	0.0	-1577.83	-3363.67	-301.53	4755.24	2.363e+04	2.693e+05
		-4.929e+05	-4.461e+04	-0.05	0.0	226.2	-1577.83	-3363.67	-301.53	4755.24	-4.461e+04	-4.929e+05
298	1	1.148e+05	3.046e+04	0.04	-777.17	0.0	-5494.27	-1226.01	54.58	-1.055e+05	1.865e+04	1.148e+05
		-2.346e+05	1.865e+04	-4.55e-03	0.0	216.4	-5727.44	-2003.18	54.58	-1.055e+05	3.046e+04	-2.346e+05
298	2	1.855e+05	2.139e+05	0.04	-4849.55	0.0	-7603.22	-694.79	-1392.08	-1.557e+05	2.139e+05	1.855e+05
		-4.895e+05	-8.727e+04	-0.01	0.0	216.4	-9058.23	-5544.34	-1392.08	-1.557e+05	-8.727e+04	-4.895e+05
298	3	3060.17	90.43	-6.67e-04	0.0	0.0	-66.25	24.89	0.76	-29.67	-73.72	-2326.27
		-2326.27	-73.72	-1.02e-04	0.0	216.4	-66.25	24.89	0.76	-29.67	90.43	3060.17
298	4	1.148e+04	77.86	-2.64e-03	0.0	0.0	-145.18	88.65	-1.13	555.71	77.86	-7704.70
		-7704.70	-166.07	-1.29e-04	0.0	216.4	-145.18	88.65	-1.13	555.71	-166.07	1.148e+04
298	5	7067.98	710.47	-1.47e-03	0.0	0.0	15.92	60.05	-8.47	2139.41	710.47	-5924.64
		-5924.64	-1122.39	7.24e-05	0.0	216.4	15.92	60.05	-8.47	2139.41	-1122.39	7067.98
298	6	2.713e+05	3.805e+04	-0.11	0.0	0.0	6291.89	2220.54	-350.02	2.780e+04	3.805e+04	-2.683e+05
		-2.683e+05	-3.831e+04	0.16	0.0	216.4	6291.89	2220.54	-350.02	2.780e+04	-3.831e+04	2.713e+05
298	7	3.363e+05	5.170e+04	-0.15	0.0	0.0	1982.51	2256.05	-457.59	3.281e+04	5.170e+04	-1.568e+05
		-1.568e+05	-4.733e+04	0.01	0.0	216.4	1982.51	2256.05	-457.59	3.281e+04	-4.733e+04	3.363e+05
298	8	1.367e+06	7.412e+04	0.35	0.0	0.0	8951.57	-1.077e+04	975.40	-1.175e+04	-1.370e+05	1.367e+06
		-9.644e+05	-1.370e+05	1.01	0.0	216.4	8951.57	-1.077e+04	975.40	-1.175e+04	7.412e+04	-9.644e+05
298	9	8.640e+05	4.491e+04	0.21	0.0	0.0	4651.15	-6727.58	648.21	-5063.82	-9.544e+04	8.640e+05
		-5.917e+05	-9.544e+04	-0.53	0.0	216.4	4651.15	-6727.58	648.21	-5063.82	4.491e+04	-5.917e+05
298	10	1.550e+05	2.106e+04	-0.06	0.0	0.0	3422.23	1301.43	-191.48	1.488e+04	2.106e+04	-1.557e+05
		-1.557e+05	-2.074e+04	0.08	0.0	216.4	3422.23	1301.43	-191.48	1.488e+04	-2.074e+04	1.550e+05
298	11	1.801e+05	2.763e+04	-0.08	0.0	0.0	1134.83	1208.95	-244.42	1.750e+04	2.763e+04	-8.475e+04
		-8.475e+04	-2.526e+04	7.67e-03	0.0	216.4	1134.83	1208.95	-244.42	1.750e+04	-2.526e+04	1.801e+05
298	12	7.356e+05	3.975e+04	0.19	0.0	0.0	4829.43	-5796.52	523.90	-6298.57	-7.363e+04	7.356e+05
		-5.187e+05	-7.363e+04	0.54	0.0	216.4	4829.43	-5796.52	523.90	-6298.57	3.975e+04	-5.187e+05
298	13	4.770e+05	2.480e+04	0.12	0.0	0.0	2737.06	-3716.62	356.01	-2957.58	-5.229e+04	4.770e+05
		-3.272e+05	-5.229e+04	-0.29	0.0	216.4	2737.06	-3716.62	356.01	-2957.58	2.480e+04	-3.272e+05
298	14	1.170e+05	1.584e+04	-0.05	0.0	0.0	2567.51	983.31	-143.88	1.116e+04	1.584e+04	-1.174e+05
		-1.174e+05	-1.557e+04	0.06	0.0	216.4	2567.51	983.31	-143.88	1.116e+04	-1.557e+04	1.170e+05
298	15	1.351e+05	2.072e+04	-0.06	0.0	0.0	862.45	907.12	-183.20	1.311e+04	2.072e+04	-6.374e+04
		-6.374e+04	-1.893e+04	5.74e-03	0.0	216.4	862.45	907.12	-183.20	1.311e+04	-1.893e+04	1.351e+05

298	16	5.536e+05	2.989e+04	0.14	0.0	0.0	3627.54	-4362.07	394.07	-4732.00	-5.539e+04	5.536e+05
		-3.903e+05	-5.539e+04	0.40	0.0	216.4	3627.54	-4362.07	394.07	-4732.00	2.989e+04	-3.903e+05
298	17	3.590e+05	1.868e+04	0.09	0.0	0.0	2063.58	-2796.93	268.09	-2243.58	-3.937e+04	3.590e+05
		-2.463e+05	-3.937e+04	-0.22	0.0	216.4	2063.58	-2796.93	268.09	-2243.58	1.868e+04	-2.463e+05
299	1	1.144e+05	-1.749e+04	0.04	-775.22	0.0	-5475.90	-1233.75	-63.35	1.051e+05	-1.749e+04	1.144e+05
		-2.356e+05	-3.117e+04	4.47e-03	0.0	215.9	-5709.11	-2008.97	-63.35	1.051e+05	-3.117e+04	-2.356e+05
299	2	1.898e+05	8.766e+04	0.05	-4837.36	0.0	-7365.99	-749.17	1399.75	1.558e+05	-2.145e+05	1.898e+05
		-4.940e+05	-2.145e+05	0.01	0.0	215.9	-8821.22	-5586.52	1399.75	1.558e+05	8.766e+04	-4.940e+05
299	3	566.50	91.32	-1.43e-04	0.0	0.0	16.67	2.86	0.88	55.43	-99.49	-50.81
		-50.81	-99.49	-9.67e-05	0.0	215.9	16.67	2.86	0.88	55.43	91.32	566.50
299	4	7892.08	436.46	-1.90e-03	0.0	0.0	-21.18	56.80	3.65	-497.70	-352.17	-4369.11
		-4369.11	-352.17	-1.87e-04	0.0	215.9	-21.18	56.80	3.65	-497.70	436.46	7892.08
299	5	7451.96	1146.30	-1.58e-03	0.0	0.0	12.81	63.18	8.90	-2091.95	-775.92	-6186.20
		-6186.20	-775.92	-2.01e-04	0.0	215.9	12.81	63.18	8.90	-2091.95	1146.30	7451.96
299	6	2.512e+05	4.180e+04	0.11	0.0	0.0	-6079.61	-2310.90	-380.31	2.830e+04	4.180e+04	2.512e+05
		-3.025e+05	-4.073e+04	0.16	0.0	215.9	-6079.61	-2310.90	-380.31	2.830e+04	-4.073e+04	-3.025e+05
299	7	1.970e+05	5.629e+04	0.13	0.0	0.0	-1877.43	-2671.57	-491.80	3.331e+04	5.629e+04	1.970e+05
		-2.837e+05	-2.837e+04	0.02	0.0	215.9	-1877.43	-2671.57	-491.80	3.331e+04	-4.989e+04	-2.837e+05
299	8	8.478e+05	9.228e+04	0.21	0.0	0.0	5219.94	-6599.42	-626.33	6730.38	9.228e+04	8.478e+05
		-5.773e+05	-4.310e+04	0.97	0.0	215.9	5219.94	-6599.42	-626.33	6730.38	-4.310e+04	-5.773e+05
299	9	1.376e+06	1.376e+05	0.35	0.0	0.0	8684.85	-1.087e+04	-979.51	1.044e+04	1.376e+05	1.376e+06
		-9.704e+05	-7.383e+04	-0.14	0.0	215.9	8684.85	-1.087e+04	-979.51	1.044e+04	-7.383e+04	-9.704e+05
299	10	1.478e+05	2.302e+04	0.06	0.0	0.0	-3313.40	-1352.23	-207.46	1.514e+04	2.302e+04	1.478e+05
		-1.715e+05	-2.202e+04	0.08	0.0	215.9	-3313.40	-1352.23	-207.46	1.514e+04	-2.202e+04	-1.715e+05
299	11	1.058e+05	3.006e+04	0.07	0.0	0.0	-1086.24	-1428.88	-262.54	1.776e+04	3.006e+04	1.058e+05
		-2.053e+05	-2.662e+04	8.08e-03	0.0	215.9	-1086.24	-1428.88	-262.54	1.776e+04	-2.662e+04	-2.053e+05
299	12	4.735e+05	5.107e+04	0.12	0.0	0.0	3083.85	-3690.89	-347.79	3866.19	5.107e+04	4.735e+05
		-3.235e+05	-2.411e+04	0.52	0.0	215.9	3083.85	-3690.89	-347.79	3866.19	-2.411e+04	-3.235e+05
299	13	7.386e+05	7.387e+04	0.19	0.0	0.0	4670.60	-5834.47	-525.30	5596.07	7.387e+04	7.386e+05
		-5.209e+05	-3.955e+04	-0.08	0.0	215.9	4670.60	-5834.47	-525.30	5596.07	-3.955e+04	-5.209e+05
299	14	1.114e+05	1.730e+04	0.05	0.0	0.0	-2486.16	-1020.76	-155.81	1.135e+04	1.730e+04	1.114e+05
		-1.293e+05	-1.653e+04	0.06	0.0	215.9	-2486.16	-1020.76	-155.81	1.135e+04	-1.653e+04	-1.293e+05
299	15	7.943e+04	2.253e+04	0.05	0.0	0.0	-827.16	-1071.43	-196.75	1.330e+04	2.253e+04	7.943e+04
		-1.539e+05	-1.995e+04	6.05e-03	0.0	215.9	-827.16	-1071.43	-196.75	1.330e+04	-1.995e+04	-1.539e+05
299	16	3.563e+05	3.847e+04	0.09	0.0	0.0	2322.67	-2777.94	-262.04	2933.93	3.847e+04	3.563e+05
		-2.435e+05	-1.817e+04	0.39	0.0	215.9	2322.67	-2777.94	-262.04	2933.93	-1.817e+04	-2.435e+05
299	17	5.558e+05	5.557e+04	0.14	0.0	0.0	3509.93	-4389.82	-395.10	4205.87	5.557e+04	5.558e+05
		-3.919e+05	-2.974e+04	-0.06	0.0	215.9	3509.93	-4389.82	-395.10	4205.87	-2.974e+04	-3.919e+05
300	1	7.721e+04	1.893e+05	-0.02	-2118.91	0.0	-6003.65	1337.19	157.23	-3369.92	1.523e+05	-2.12e+04
		-2.212e+04	1.523e+05	-6.13e-04	0.0	235.4	-6003.65	-781.72	157.23	-3369.92	1.893e+05	4.327e+04
300	2	6.290e+04	3.765e+05	-7.62e-03	0.0	0.0	-1.087e+04	251.35	85.71	1.088e+04	3.765e+05	3723.69
		3723.69	3.563e+05	-1.66e-03	0.0	235.4	-1.087e+04	251.35	85.71	1.088e+04	3.765e+05	6.290e+04
300	3	-1411.47	-2533.70	7.29e-04	0.0	0.0	-69.96	-1.14	-1.00	58.62	-2533.70	-1411.47
		-1678.81	-2768.75	-5.46e-05	0.0	235.4	-69.96	-1.14	-1.00	58.62	-2768.75	-1678.81
300	4	-3918.46	-7140.48	1.60e-03	0.0	0.0	-188.54	-5.19	-2.92	134.68	-7140.48	-3918.46
		-5140.03	-7828.83	-1.29e-04	0.0	235.4	-188.54	-5.19	-2.92	134.68	-7828.83	-5140.03
300	5	462.61	-778.32	7.92e-04	0.0	0.0	-15.66	-17.52	-8.28	197.14	-778.32	462.61
		-3662.33	-2728.82	-2.12e-04	0.0	235.4	-15.66	-17.52	-8.28	197.14	-2728.82	-3662.33
300	6	-2.522e+05	-1.621e+05	-0.04	0.0	0.0	-813.08	2330.36	1490.42	1.139e+04	-2.250e+05	-3.115e+05
		-3.115e+05	-2.250e+05	0.17	0.0	235.4	-813.08	2330.36	1490.42	1.139e+04	-1.621e+05	-2.522e+05
300	7	-8.996e+04	-1.010e+05	0.02	0.0	0.0	-934.46	-538.12	-331.47	6038.35	-1.010e+05	-8.996e+04
		-1.119e+05	-1.044e+05	-0.01	0.0	235.4	-934.46	-538.12	-331.47	6038.35	-1.044e+05	-1.119e+05
300	8	1.213e+06	7.975e+05	-0.65	0.0	0.0	3646.00	9900.40	6204.05	2.189e+04	-6.638e+05	-1.118e+06
		-1.118e+06	-6.638e+05	-0.10	0.0	235.4	3646.00	9900.40	6204.05	2.189e+04	7.975e+05	1.213e+06
300	9	7.586e+05	4.893e+05	-0.42	0.0	0.0	2197.78	6161.93	3702.41	1.235e+04	-3.833e+05	-6.922e+05
		-6.922e+05	-3.833e+05	0.07	0.0	235.4	2197.78	6161.93	3702.41	1.235e+04	-3.833e+05	-6.922e+05
300	10	-1.451e+05	-9.485e+04	0.02	0.0	0.0	-475.89	1311.80	840.36	6162.99	-1.230e+05	-1.720e+05
		-1.720e+05	-1.230e+05	0.09	0.0	235.4	-475.89	1311.80	840.36	6162.99	-9.485e+04	-1.451e+05
300	11	-5.167e+04	-5.621e+04	0.01	0.0	0.0	-516.67	-315.96	-196.34	3291.82	-5.621e+04	-5.167e+04
		-6.114e+04	-5.640e+04	-7.75e-03	0.0	235.4	-516.67	-315.96	-196.34	3291.82	-5.640e+04	-6.114e+04
300	12	6.533e+05	4.288e+05	-0.35	0.0	0.0	1939.12	5334.57	3340.54	1.195e+04	-3.581e+05	-6.027e+05
		-6.027e+05	-3.581e+05	-0.05	0.0	235.4	1939.12	5334.57	3340.54	1.195e+04	4.288e+05	6.533e+05
300	13	4.195e+05	2.705e+05	-0.23	0.0	0.0	1210.82	3411.21	2055.13	7021.02	-2.139e+05	-3.837e+05
		-3.837e+05	-2.139e+05	0.04	0.0	235.4	1210.82	3411.21	2055.13	7021.02	2.705e+05	4.195e+05
300	14	-1.094e+05	-7.163e+04	0.02	0.0	0.0	-359.65	986.79	632.11	4626.47	-9.230e+04	-1.292e+05
		-1.292e+05	-9.230e+04	0.07	0.0	235.4	-359.65	986.79	632.11	4626.47	-7.163e+04	-1.094e+05
300	15	-3.933e+04	-4.241e+04	8.41e-03	0.0	0.0	-390.08	-241.87	-150.53	2478.03	-4.249e+04	-3.933e+04
		-4.611e+04	-4.249e+04	-5.80e-03	0.0	235.4	-390.08	-241.87	-150.53	2478.03	-4.241e+04	-4.611e+04
300	16	4.917e+05	3.226e+05	-0.26	0.0	0.0	1455.31	4015.91	2514.34	9025.12	-2.696e+05	-4.538e+05
		-4.538e+05	-2.696e+05	-0.04	0.0	235.4	1455.31	4015.91	2514.34	9025.12	3.226e+05	4.917e+05
300	17	3.157e+05	2.035e+05	-0.17	0.0	0.0	908.86	2567.67	1546.88	5305.81	-1.611e+05	-2.889e+05
		-2.889e+05	-1.611e+05	0.03	0.0	235.4	908.86	2567.67	1546.88	5305.81	2.035e+05	3.157e+05
301	1	7.744e+04	-1.548e+05	-0.02	-2121.95	0.0	-6043.02	1337.47	-147.51	3480.29	-1.548e+05	-7.744e+04
		-2.194e+04	-1.896e+05	4.87e-04	0.0	235.8	-6043.11	-784.48	-147.51	3480.29	-1.896e+05	-2.194e+04
301	2	6.692e+04	-3.635e+05	-9.57e-03	0.0	0.0	-1.074e+04	256.79	-84.77	-1.033e+04	-3.635e+05	6371.79
		6371.79	-3.835e+05	1.20e-03	0.0	235.8	-1.074e+04	256.79	-84.77	-1.033e+04	-3.835e+05	6.692e+04

301	3	88.02	203.71	-1.72e-04	0.0	0.0	-5.52	1.50	-0.33	-18.43	203.71	-264.93
		-264.93	125.37	-6.90e-05	0.0	235.8	-5.52	1.50	-0.33	-18.43	125.37	88.02
301	4	-2261.94	3988.80	4.41e-04	0.0	0.0	-94.29	-1.16	1.04	-69.38	3742.59	-2261.94
		-2536.43	3742.59	-6.80e-05	0.0	235.8	-94.29	-1.16	1.04	-69.38	3988.80	-2536.43
301	5	288.92	3107.81	8.39e-04	0.0	0.0	-24.61	-17.52	8.65	-153.83	1067.86	288.92
		-3841.91	1067.86	4.58e-05	0.0	235.8	-24.61	-17.52	8.65	-153.83	3107.81	-3841.91
301	6	2.881e+05	-1.589e+05	-0.03	0.0	0.0	874.84	-2111.55	1371.01	1.198e+04	-2.186e+05	2.881e+05
		2.314e+05	-2.186e+05	0.17	0.0	235.8	874.84	-2111.55	1371.01	1.198e+04	-1.589e+05	2.314e+05
301	7	1.427e+05	-1.046e+05	-0.03	0.0	0.0	1242.33	648.78	-382.30	6601.22	-1.046e+05	8.345e+04
		8.345e+04	-1.329e+05	-0.02	0.0	235.8	1242.33	648.78	-382.30	6601.22	-1.329e+05	1.427e+05
301	8	7.455e+05	3.861e+05	-0.41	0.0	0.0	2180.47	6066.11	-3692.97	-1.377e+04	3.861e+05	-6.848e+05
		-6.848e+05	-4.855e+05	-0.06	0.0	235.8	2180.47	6066.11	-3692.97	-1.377e+04	-4.855e+05	7.455e+05
301	9	1.219e+06	6.669e+05	-0.65	0.0	0.0	3744.08	9923.15	-6262.38	-2.168e+04	6.669e+05	-1.121e+06
		-1.121e+06	-8.099e+05	-0.33	0.0	235.8	3744.08	9923.15	-6262.38	-2.168e+04	-8.099e+05	1.219e+06
301	10	1.599e+05	-9.387e+04	-0.02	0.0	0.0	511.98	-1201.45	780.76	6491.80	-1.194e+05	1.599e+05
		1.351e+05	-1.194e+05	0.09	0.0	235.8	511.98	-1201.45	780.76	6491.80	-9.387e+04	1.351e+05
301	11	7.714e+04	-5.842e+04	-0.02	0.0	0.0	676.71	370.55	-221.58	3590.39	-5.842e+04	4.879e+04
		4.879e+04	-7.132e+04	-8.68e-03	0.0	235.8	676.71	370.55	-221.58	3590.39	-7.132e+04	7.714e+04
301	12	4.171e+05	2.180e+05	-0.23	0.0	0.0	1220.07	3396.50	-2074.81	-7971.24	2.180e+05	-3.838e+05
		-3.838e+05	-2.717e+05	-0.03	0.0	235.8	1220.07	3396.50	-2074.81	-7971.24	-2.717e+05	4.171e+05
301	13	6.548e+05	3.589e+05	-0.35	0.0	0.0	1989.81	5334.59	-3364.46	-1.181e+04	3.589e+05	-6.030e+05
		-6.030e+05	-4.346e+05	-0.18	0.0	235.8	1989.81	5334.59	-3364.46	-1.181e+04	-4.346e+05	6.548e+05
301	14	1.201e+05	-7.089e+04	-0.02	0.0	0.0	386.59	-903.54	587.09	4879.85	-8.962e+04	1.201e+05
		1.018e+05	-8.962e+04	0.07	0.0	235.8	386.59	-903.54	587.09	4879.85	-7.089e+04	1.018e+05
301	15	5.800e+04	-4.420e+04	-0.01	0.0	0.0	509.34	281.91	-169.04	2702.32	-4.420e+04	3.725e+04
		3.725e+04	-5.353e+04	-6.50e-03	0.0	235.8	509.34	281.91	-169.04	2702.32	-5.353e+04	5.800e+04
301	16	3.139e+05	1.642e+05	-0.17	0.0	0.0	915.92	2556.75	-1561.89	-6057.58	1.642e+05	-2.890e+05
		-2.890e+05	-2.045e+05	-0.02	0.0	235.8	915.92	2556.75	-1561.89	-6057.58	-2.045e+05	3.139e+05
301	17	4.928e+05	2.702e+05	-0.26	0.0	0.0	1493.61	4014.96	-2531.80	-8913.46	2.702e+05	-4.539e+05
		-4.539e+05	-3.269e+05	-0.13	0.0	235.8	1493.61	4014.96	-2531.80	-8913.46	-3.269e+05	4.928e+05
302	1	3.303e+04	6.173e+04	-0.01	-2093.14	0.0	812.29	920.92	197.83	-1.162e+04	-3.106e+04	-6.199e+04
		-1.209e+05	-3.106e+04	8.70e-04	0.0	469.0	541.08	-1172.22	197.83	-1.162e+04	6.173e+04	-1.209e+05
302	2	2.826e+04	1.035e+05	0.05	-2909.20	0.0	166.15	285.59	330.47	-2.211e+04	-5.149e+04	308.21
		-3.213e+05	-5.149e+04	-3.29e-03	0.0	469.0	-210.81	-2623.61	330.47	-2.211e+04	1.035e+05	-3.213e+05
302	3	-55.21	659.07	-5.15e-04	0.0	0.0	8.03	-0.04	-4.66	353.01	659.07	-55.21
		-74.24	-1524.94	-2.60e-04	0.0	469.0	8.03	-0.04	-4.66	353.01	-1524.94	-74.24
302	4	-79.27	1992.84	-9.37e-04	0.0	0.0	11.25	-0.13	-14.50	921.19	1992.84	-79.27
		-140.18	-4806.37	-4.68e-04	0.0	469.0	11.25	-0.13	-14.50	921.19	-4806.37	-140.18
302	5	449.44	825.83	-5.23e-04	0.0	0.0	-42.99	1.49	-7.36	252.69	825.83	-248.41
		-248.41	-2628.45	-3.33e-04	0.0	469.0	-42.99	1.49	-7.36	252.69	-2628.45	449.44
302	6	-1.516e+04	4.032e+04	0.13	0.0	0.0	-4481.08	-71.92	-212.41	1.099e+04	4.032e+04	-1.516e+04
		-2.039e+04	-5.952e+04	0.38	0.0	469.0	-4481.08	-71.92	-212.41	1.099e+04	-5.952e+04	-2.039e+04
302	7	-5394.46	4.366e+04	0.09	0.0	0.0	1115.36	-21.99	-265.37	1.200e+04	4.366e+04	-5394.46
		-1.201e+04	-8.089e+04	-0.16	0.0	469.0	1115.36	-21.99	-265.37	1.200e+04	-8.089e+04	-1.201e+04
302	8	4.659e+04	1.695e+05	0.33	0.0	0.0	-1.787e+04	-198.05	-505.15	2.490e+04	1.695e+05	4.659e+04
		-4.642e+04	-6.762e+04	0.44	0.0	469.0	-1.787e+04	-198.05	-505.15	2.490e+04	-6.762e+04	-4.642e+04
302	9	2.167e+04	1.803e+05	0.21	0.0	0.0	-1.239e+04	-101.67	-492.97	2.754e+04	1.803e+05	2.167e+04
		-2.679e+04	-5.150e+04	-0.13	0.0	469.0	-1.239e+04	-101.67	-492.97	2.754e+04	-5.150e+04	-2.679e+04
302	10	-8678.51	2.172e+04	0.07	0.0	0.0	-2488.08	-39.79	-114.25	5924.83	2.172e+04	-8678.51
		-1.104e+04	-3.199e+04	0.21	0.0	469.0	-2488.08	-39.79	-114.25	5924.83	-3.199e+04	-1.104e+04
302	11	-2989.89	2.346e+04	0.05	0.0	0.0	626.90	-12.75	-142.70	6446.49	2.346e+04	-2989.89
		-6616.80	-4.352e+04	-0.09	0.0	469.0	626.90	-12.75	-142.70	6446.49	-4.352e+04	-6616.80
302	12	2.518e+04	9.215e+04	0.18	0.0	0.0	-9642.62	-107.02	-274.62	1.359e+04	9.215e+04	2.518e+04
		-2.510e+04	-3.681e+04	0.23	0.0	469.0	-9642.62	-107.02	-274.62	1.359e+04	-3.681e+04	-2.510e+04
302	13	1.251e+04	9.732e+04	0.12	0.0	0.0	-6821.62	-57.73	-266.75	1.489e+04	9.732e+04	1.251e+04
		-1.499e+04	-2.814e+04	-0.06	0.0	469.0	-6821.62	-57.73	-266.75	1.489e+04	-2.814e+04	-1.499e+04
302	14	-6535.32	1.632e+04	0.05	0.0	0.0	-1869.33	-29.89	-85.85	4453.07	1.632e+04	-6535.32
		-8287.89	-2.404e+04	0.15	0.0	469.0	-1869.33	-29.89	-85.85	4453.07	-2.404e+04	-8287.89
302	15	-2261.83	1.760e+04	0.04	0.0	0.0	475.77	-9.72	-107.11	4837.17	1.760e+04	-2261.83
		-4990.91	-3.267e+04	-0.06	0.0	469.0	475.77	-9.72	-107.11	4837.17	-3.267e+04	-4990.91
302	16	1.896e+04	6.939e+04	0.13	0.0	0.0	-7261.75	-80.60	-206.84	1.024e+04	6.939e+04	1.896e+04
		-1.891e+04	-2.774e+04	0.17	0.0	469.0	-7261.75	-80.60	-206.84	1.024e+04	-2.774e+04	-1.891e+04
302	17	9428.81	7.324e+04	0.09	0.0	0.0	-5133.35	-43.49	-200.85	1.121e+04	7.324e+04	9428.81
		-1.129e+04	-2.123e+04	-0.04	0.0	469.0	-5133.35	-43.49	-200.85	1.121e+04	-2.123e+04	-1.129e+04
303	1	3.329e+04	6.203e+04	-0.02	-2093.00	0.0	506.40	1170.80	-198.78	1.150e+04	6.203e+04	-1.203e+05
		-1.203e+05	-3.120e+04	-1.78e-03	0.0	469.0	777.53	-922.20	-198.78	1.150e+04	-3.120e+04	-6.199e+04
303	2	2.878e+04	1.080e+05	0.05	-2911.23	0.0	-315.04	2628.13	-343.48	2.302e+04	1.080e+05	-3.212e+05
		-3.212e+05	-5.312e+04	-2.48e-03	0.0	469.0	62.08	-283.11	-343.48	2.302e+04	-5.312e+04	1176.38
303	3	137.83	87.17	-2.52e-04	0.0	0.0	-10.18	0.49	-0.16	69.45	87.17	-93.29
		-93.29	10.06	-1.31e-04	0.0	469.0	-10.18	0.49	-0.16	69.45	10.06	137.83
303	4	210.32	1045.22	-2.63e-04	0.0	0.0	-18.35	0.84	7.35	-294.71	-2400.89	-183.99
		-183.99	-2400.89	-1.34e-04	0.0	469.0	-18.35	0.84	7.35	-294.71	1045.22	210.32
303	5	374.41	905.48	3.74e-04	0.0	0.0	-49.79	-1.33	7.57	-278.32	-2644.60	374.41
		-249.85	-2644.60	8.65e-05	0.0	469.0	-49.79	-1.33	7.57	-278.32	905.48	-249.85
303	6	1.977e+04	6.556e+04	0.12	0.0	0.0	4021.26	-68.80	-222.22	1.154e+04	6.556e+04	1.977e+04
		1.447e+04	-3.904e+04	0.50	0.0	469.0	4021.26	-68.80	-222.22	1.154e+04	-3.904e+04	1.447e+04

303	7	1.220e+04	8.787e+04	0.08	0.0	0.0	-1495.49	-23.05	-278.41	1.270e+04	8.787e+04	1.220e+04
		5868.59	-4.280e+04	-0.03	0.0	469.0	-1495.49	-23.05	-278.41	1.270e+04	-4.280e+04	5868.59
303	8	2.283e+04	1.777e+05	-0.21	0.0	0.0	-1.211e+04	105.00	492.68	-2.746e+04	-5.396e+04	-2.741e+04
		-2.741e+04	-5.396e+04	0.16	0.0	469.0	-1.211e+04	105.00	492.68	-2.746e+04	1.777e+05	2.283e+04
303	9	4.602e+04	1.736e+05	-0.33	0.0	0.0	-1.790e+04	197.92	518.16	-2.546e+04	-6.963e+04	-4.690e+04
		-4.690e+04	-6.963e+04	-0.41	0.0	469.0	-1.790e+04	197.92	518.16	-2.546e+04	1.736e+05	4.602e+04
303	10	1.070e+04	3.530e+04	0.07	0.0	0.0	2256.17	-38.10	-119.89	6242.28	3.530e+04	1.070e+04
		8318.66	-2.115e+04	0.27	0.0	469.0	2256.17	-38.10	-119.89	6242.28	-2.115e+04	8318.66
303	11	6763.94	4.727e+04	0.05	0.0	0.0	-822.24	-13.49	-149.84	6829.86	4.727e+04	6763.94
		3249.43	-2.306e+04	-0.02	0.0	469.0	-822.24	-13.49	-149.84	6829.86	-2.306e+04	3249.43
303	12	1.334e+04	9.628e+04	-0.12	0.0	0.0	-6742.04	60.40	267.31	-1.489e+04	-2.947e+04	-1.551e+04
		-1.551e+04	-2.947e+04	0.07	0.0	469.0	-6742.04	60.40	267.31	-1.489e+04	9.628e+04	1.334e+04
303	13	2.480e+04	9.394e+04	-0.18	0.0	0.0	-9639.67	106.66	280.35	-1.383e+04	-3.770e+04	-2.528e+04
		-2.528e+04	-3.770e+04	-0.21	0.0	469.0	-9639.67	106.66	280.35	-1.383e+04	9.394e+04	2.480e+04
303	14	8029.98	2.654e+04	0.05	0.0	0.0	1694.73	-28.61	-90.16	4694.95	2.654e+04	8029.98
		6260.60	-1.592e+04	0.21	0.0	469.0	1694.73	-28.61	-90.16	4694.95	-1.592e+04	6260.60
303	15	5108.73	3.548e+04	0.03	0.0	0.0	-620.54	-10.30	-112.49	5126.16	3.548e+04	5108.73
		2456.71	-1.731e+04	-0.01	0.0	469.0	-620.54	-10.30	-112.49	5126.16	-1.731e+04	2456.71
303	16	1.005e+04	7.248e+04	-0.09	0.0	0.0	-5074.35	45.50	201.30	-1.121e+04	-2.223e+04	-1.169e+04
		-1.169e+04	-2.223e+04	0.05	0.0	469.0	-5074.35	45.50	201.30	-1.121e+04	7.248e+04	1.005e+04
303	17	1.867e+04	7.071e+04	-0.13	0.0	0.0	-7258.26	80.31	211.03	-1.042e+04	-2.838e+04	-1.904e+04
		-1.904e+04	-2.838e+04	-0.16	0.0	469.0	-7258.26	80.31	211.03	-1.042e+04	7.071e+04	1.867e+04
304	1	3.360e+04	4.687e+04	-0.02	-2093.14	0.0	527.72	938.54	-292.05	1.447e+04	4.687e+04	-6.503e+04
		-1.157e+05	-9.011e+04	3.76e-03	0.0	469.0	256.51	-1154.60	-292.05	1.447e+04	-9.011e+04	-1.157e+05
304	2	2.806e+04	7.626e+04	0.05	-2908.46	0.0	-874.38	272.21	-486.98	2.548e+04	7.626e+04	2038.95
		-3.250e+05	-1.521e+05	3.78e-03	0.0	469.0	-1251.24	-2636.25	-486.98	2.548e+04	-1.521e+05	-3.250e+05
304	3	103.72	1411.33	1.99e-04	0.0	0.0	-2.09	-0.62	4.43	-178.17	-667.41	103.72
		-189.29	-667.41	-2.55e-04	0.0	469.0	-2.09	-0.62	4.43	-178.17	1411.33	-189.29
304	4	209.18	4170.04	3.82e-04	0.0	0.0	-47.80	-1.27	13.30	-679.38	-2069.11	209.18
		-384.98	-2069.11	-4.61e-04	0.0	469.0	-47.80	-1.27	13.30	-679.38	4170.04	-384.98
304	5	119.55	1756.70	2.27e-04	0.0	0.0	-180.06	0.32	6.78	-391.68	-1421.42	-32.42
		-32.42	-1421.42	-3.87e-04	0.0	469.0	-180.06	0.32	6.78	-391.68	1756.70	119.55
304	6	-1.645e+04	8.301e+04	0.09	0.0	0.0	4929.39	-63.09	252.77	-1.041e+04	-3.582e+04	-1.672e+04
		-1.672e+04	8.301e+04	0.38	0.0	469.0	4929.39	-63.09	252.77	-1.041e+04	8.301e+04	-1.645e+04
304	7	-3737.58	7.475e+04	0.10	0.0	0.0	866.39	-38.85	242.63	-1.129e+04	-3.915e+04	-3737.58
		-1.731e+04	-3.915e+04	-0.16	0.0	469.0	866.39	-38.85	242.63	-1.129e+04	7.475e+04	-1.731e+04
304	8	6.703e+04	2.065e+05	-0.36	0.0	0.0	1.754e+04	254.15	-763.84	3.997e+04	2.065e+05	-5.224e+04
		-5.224e+04	2.065e+05	0.43	0.0	469.0	1.754e+04	254.15	-763.84	3.997e+04	-5.224e+04	2.065e+05
304	9	3.681e+04	2.041e+05	-0.18	0.0	0.0	1.211e+04	134.89	-673.51	3.947e+04	2.041e+05	-2.666e+04
		-2.666e+04	2.041e+05	-0.11	0.0	469.0	1.211e+04	134.89	-673.51	3.947e+04	-2.666e+04	2.041e+05
304	10	-9374.99	4.497e+04	0.05	0.0	0.0	2709.84	-36.71	136.94	-5618.26	-1.941e+04	-9374.99
		-9655.83	-1.941e+04	0.21	0.0	469.0	2709.84	-36.71	136.94	-5618.26	4.497e+04	-9655.83
304	11	-2232.42	4.017e+04	0.05	0.0	0.0	513.51	-20.97	130.51	-6072.95	-2.111e+04	-2232.42
		-9289.48	-2.111e+04	-0.08	0.0	469.0	513.51	-20.97	130.51	-6072.95	4.017e+04	-9289.48
304	12	3.600e+04	1.117e+05	-0.19	0.0	0.0	9468.10	136.67	-411.66	2.158e+04	1.117e+05	-2.815e+04
		-2.815e+04	1.117e+05	0.22	0.0	469.0	9468.10	136.67	-411.66	2.158e+04	-2.815e+04	1.117e+05
304	13	2.057e+04	1.102e+05	-0.10	0.0	0.0	6675.41	75.82	-363.86	2.127e+04	1.102e+05	-1.511e+04
		-1.511e+04	1.102e+05	-0.05	0.0	469.0	6675.41	75.82	-363.86	2.127e+04	-1.511e+04	1.102e+05
304	14	-7047.63	3.383e+04	0.04	0.0	0.0	2034.68	-27.68	103.02	-4225.03	-1.461e+04	-7047.63
		-7296.16	-1.461e+04	0.16	0.0	469.0	2034.68	-27.68	103.02	-4225.03	3.383e+04	-7296.16
304	15	-1713.48	3.015e+04	0.04	0.0	0.0	393.68	-15.77	97.98	-4559.02	-1.585e+04	-1713.48
		-6971.73	-1.585e+04	-0.06	0.0	469.0	393.68	-15.77	97.98	-4559.02	3.015e+04	-6971.73
304	16	2.708e+04	8.404e+04	-0.14	0.0	0.0	7131.04	102.82	-309.59	1.624e+04	8.404e+04	-2.119e+04
		-2.119e+04	8.404e+04	0.17	0.0	469.0	7131.04	102.82	-309.59	1.624e+04	-2.119e+04	8.404e+04
304	17	1.548e+04	8.288e+04	-0.08	0.0	0.0	5023.73	57.06	-273.70	1.600e+04	8.288e+04	-1.138e+04
		-1.138e+04	8.288e+04	-0.04	0.0	469.0	5023.73	57.06	-273.70	1.600e+04	-1.138e+04	8.288e+04
305	1	3.394e+04	4.700e+04	-0.02	-2093.76	0.0	290.97	1153.36	290.64	-1.446e+04	-8.936e+04	-1.150e+05
		-1.150e+05	-8.936e+04	-2.80e-03	0.0	469.2	562.14	-940.39	290.64	-1.446e+04	4.700e+04	-6.508e+04
305	2	2.835e+04	7.801e+04	0.05	-2924.02	0.0	-1152.52	2644.61	494.04	-2.559e+04	-1.538e+05	-3.249e+05
		-3.249e+05	-1.538e+05	2.66e-03	0.0	469.2	-773.81	-279.42	494.04	-2.559e+04	7.801e+04	1334.21
305	3	-6.23	182.07	-7.71e-05	0.0	0.0	14.33	0.03	-0.33	105.68	182.07	-19.45
		-19.45	26.93	-1.45e-04	0.0	469.2	14.33	0.03	-0.33	105.68	26.93	-6.23
305	4	41.63	2407.53	-2.14e-04	0.0	0.0	-20.83	0.39	-7.38	579.28	2407.53	-142.64
		-142.64	-1053.31	-1.62e-04	0.0	469.2	-20.83	0.39	-7.38	579.28	-1053.31	41.63
305	5	64.03	2007.98	-3.30e-04	0.0	0.0	-173.04	-0.21	-7.48	407.01	2007.98	64.03
		-36.38	-1502.41	8.46e-05	0.0	469.2	-173.04	-0.21	-7.48	407.01	-1502.41	-36.38
305	6	1.716e+04	4.379e+04	0.08	0.0	0.0	-4466.70	-60.58	289.07	-1.272e+04	-9.213e+04	1.716e+04
		1.545e+04	-9.213e+04	0.51	0.0	469.2	-4466.70	-60.58	289.07	-1.272e+04	4.379e+04	1.545e+04
305	7	2.003e+04	4.740e+04	0.10	0.0	0.0	1004.86	-47.66	281.20	-1.370e+04	-8.459e+04	2.003e+04
		-4044.58	-8.459e+04	-0.02	0.0	469.2	1004.86	-47.66	281.20	-1.370e+04	4.740e+04	-4044.58
305	8	3.647e+04	1.982e+05	0.18	0.0	0.0	1.188e+04	-135.27	651.48	-3.826e+04	-1.082e+05	3.647e+04
		-2.721e+04	-1.082e+05	0.15	0.0	469.2	1.188e+04	-135.27	651.48	-3.826e+04	1.982e+05	-2.721e+04
305	9	6.677e+04	2.109e+05	0.31	0.0	0.0	1.758e+04	-253.21	780.82	-4.105e+04	-1.560e+05	6.677e+04
		-5.208e+04	-1.560e+05	-0.50	0.0	469.2	1.758e+04	-253.21	780.82	-4.105e+04	2.109e+05	-5.208e+04
305	10	1.006e+04	2.359e+04	0.05	0.0	0.0	-2473.57	-35.65	156.14	-6848.62	-4.984e+04	1.006e+04
		8756.25	-4.984e+04	0.28	0.0	469.2	-2473.57	-35.65	156.14	-6848.62	2.359e+04	8756.25

305	11	1.072e+04	2.546e+04	0.05	0.0	0.0	580.23	-25.56	150.96	-7351.85	-4.540e+04	1.072e+04
		-2352.65	-4.540e+04	-0.01	0.0	469.2	580.23	-25.56	150.96	-7351.85	2.546e+04	-2352.65
305	12	2.069e+04	1.075e+05	0.10	0.0	0.0	6619.53	-77.19	353.80	-2.072e+04	-5.901e+04	2.069e+04
		-1.564e+04	-5.901e+04	0.07	0.0	469.2	6619.53	-77.19	353.80	-2.072e+04	1.075e+05	-1.564e+04
305	13	3.580e+04	1.136e+05	0.16	0.0	0.0	9469.50	-135.89	419.46	-2.209e+04	-8.352e+04	3.580e+04
		-2.799e+04	-8.352e+04	-0.26	0.0	469.2	9469.50	-135.89	419.46	-2.209e+04	1.136e+05	-2.799e+04
305	14	7595.81	1.772e+04	0.03	0.0	0.0	-1856.93	-26.89	117.36	-5145.34	-3.747e+04	7595.81
		6584.24	-3.747e+04	0.21	0.0	469.2	-1856.93	-26.89	117.36	-5145.34	1.772e+04	6584.24
305	15	8041.43	1.910e+04	0.04	0.0	0.0	442.24	-19.18	113.26	-5515.17	-3.406e+04	8041.43
		-1795.88	-3.406e+04	-9.66e-03	0.0	469.2	442.24	-19.18	113.26	-5515.17	1.910e+04	-1795.88
305	16	1.557e+04	8.088e+04	0.08	0.0	0.0	4982.50	-58.10	266.24	-1.559e+04	-4.439e+04	1.557e+04
		-1.178e+04	-4.439e+04	0.05	0.0	469.2	4982.50	-58.10	266.24	-1.559e+04	8.088e+04	-1.178e+04
305	17	2.692e+04	8.547e+04	0.12	0.0	0.0	7130.70	-102.23	315.38	-1.661e+04	-6.276e+04	2.692e+04
		-2.106e+04	-6.276e+04	-0.19	0.0	469.2	7130.70	-102.23	315.38	-1.661e+04	8.547e+04	-2.106e+04
Trave		M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3		N	V 2	V 3	T		
		-3.504e+06	-8.099e+05	-1.63	-1.717e+04		-2.505e+04	-2.394e+04	-6312.56	-4.353e+05		
		4.237e+06	8.007e+05	1.92	0.0		3.090e+04	2.492e+04	6204.05	3.805e+05		

17. VERIFICHE ELEMENTI TRAVE C.A. “FRAGILI – $q = 1,50$ ”

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE C.A.

In tabella vengono riportati per ogni elemento il numero dello stesso ed il codice di verifica.

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

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

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

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

In particolare i simboli utilizzati con il metodo delle tensioni ammissibili assumono il seguente significato:

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

Mentre i simboli utilizzati con il metodo degli stati limite assumono il seguente significato:

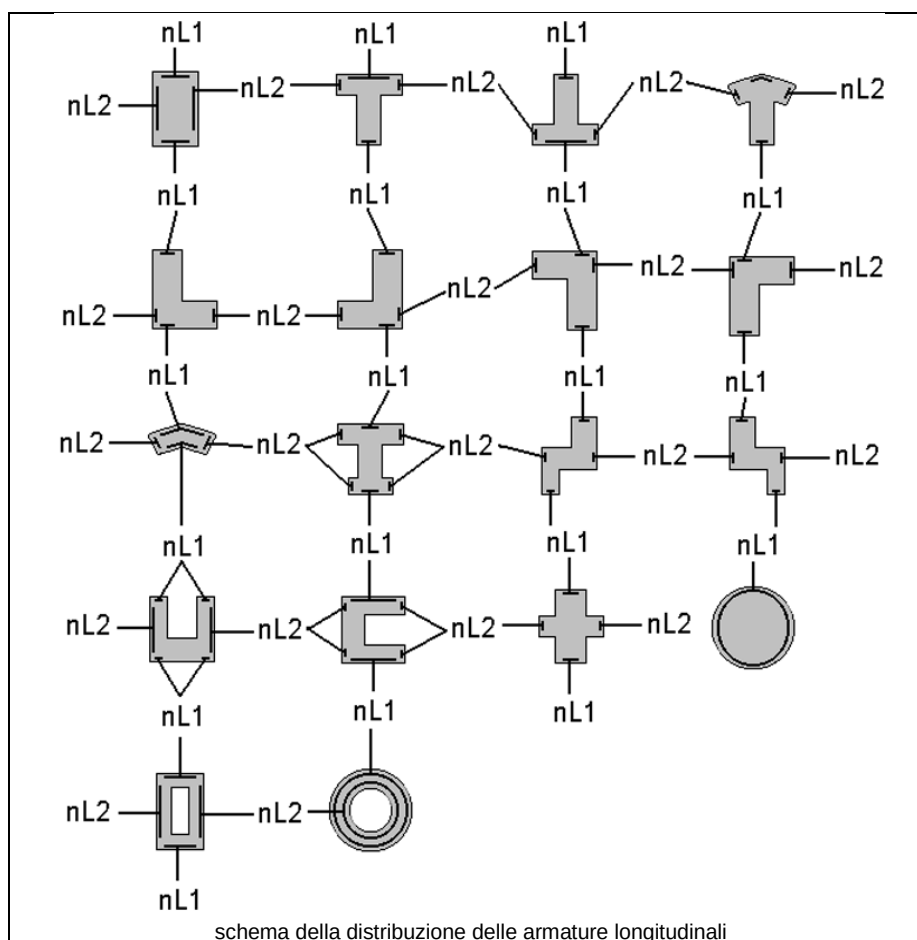
r. snell.	Rapporto λ su λ^* : valore superiore a 1 per elementi snelli, caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Verifica(verif.)	rapporto Sd/Su con sollecitazioni ultime proporzionali o a sforzo normale costante: valore minore o uguale a 1 per verifica positiva
ver.sis	rapporto Nd/Nu con Nu calcolato come al punto 7.4.4.2.2.1; valore minore o uguale a 1 per verifica positiva
ver.V/T	rapporto Sd/Su con sollecitazioni taglianti e torcenti proporzionali valore minore o uguale a 1 per verifica positiva
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)

Per gli elementi progettati secondo il criterio della gerarchia delle resistenze (pilastri e travi) si riporta una ulteriore tabella di seguito descritta:

M negativo i	Valore del momento resistente negativo (positivo) all'estremità iniziale i (finale f) della trave
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f (positivo i e negativo f)
V totale	Massimo valore assoluto ottenuto per combinazione del taglio isostatico e dei tagli concomitanti (p.to 7.4.4.1.1.)
Verif. V	Rapporto tra il taglio massimo e Vr1 (p.to 7.4.4.1.2.2);
Sovr. 2-2 i	Sovreresistenza del pilastro (come da formula 7.4.4). Rapporto tra i momenti resistenti delle travi e dei pilastri. Il valore del fattore rispettivamente per il momento 2-2 (3-3) alla base i ed alla sommità f del pilastro deve essere maggiore del γ_{Rd} adottato
M 2-2 i	Valore del momento resistente rispettivamente per 2-2 (3-3) alla base i ed alla sommità f del pilastro (massimo momento in presenza dello sforzo normale di calcolo)
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per i nodi trave-pilastro viene riportata la seguente tabella relativa al calcolo delle armature di confinamento e alla verifica di resistenza del nodo (richiesta solo per strutture in classe di duttilità alta); le caselle vuote indicano parametri non riportati in quanto non necessari.

Stato	Esito della verifica (come da formula 7.4.8) per resistenza a compressione del nodo (solo CDA)
I 7.4.29	Passo delle staffe di confinamento come richiesto dalla formula 7.4.29
Bj2(3)	Dimensione del nodo per il taglio in direzione 2 (3)
Hjc2(2)	Distanza tra le giaciture di armatura del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio Vjbd e il taglio resistente come da formula 7.4.8 (solo CDA)
I 7.4.10	Passo delle staffe valutato in funzione della formula 7.4.10 (solo CDA)



pre					M_P= 1	X=335.0 Y=-112.0								
Pilas.	Note	Stato	Quota cm	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe L=cm	v V/T cls	v V/T acc		Rif. cmb	
	1s=3,m=52	NV,NV	-20.0	0.57	0.80	4d12 2+0 d12	7.56	0.442+2d8/20	L=270	1.21	5.16		5,36,10,10	
	[b=1.0;1.0]		250.0	0.57	0.80	4d12 2+0 d12	4.86	0.432+2d8/20	L=270	1.22	5.16		5,36,10,10	
	134s=3,m=52	NV,NV	250.0	0.57	0.36	4d12 2+0 d12	12.27	0.192+2d8/20	L=360	1.30	5.15		5,20,10,10	
	[b=1.0;1.0]		610.0	0.57	0.36	4d12 2+0 d12	14.04	0.172+2d8/20	L=360	1.30	5.15		5,20,10,10	
					M_P= 2	X=2361.0 Y=-112.0								
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc		Rif. cmb	
	2s=3,m=52	NV,NV	-20.0	0.57	1.20	4d12 2+0 d12	6.35	0.562+2d8/20	L=270	1.15	5.36		8,26,21,5	
	[b=1.0;1.0]		250.0	0.57	1.20	4d12 2+0 d12	4.04	0.552+2d8/20	L=270	1.16	5.36		8,26,21,5	
	135s=3,m=52	NV,NV	250.0	0.57	0.44	4d12 2+0 d12	12.06	0.182+2d8/20	L=360	1.36	5.18		11,26,8,5	
	[b=1.0;1.0]		610.0	0.57	0.44	4d12 2+0 d12	13.85	0.172+2d8/20	L=360	1.37	5.18		11,26,8,5	
					M_P= 3	X=669.0 Y=-111.8								
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc		Rif. cmb	
	3s=3,m=52	NV,NV	-20.0	0.57	0.63	4d12 2+0 d12	7.38	0.502+2d8/20	L=270	1.18	4.79		11,30,11,5	
	[b=1.0;1.0]		250.0	0.57	0.63	4d12 2+0 d12	4.57	0.492+2d8/20	L=270	1.19	4.79		11,30,11,5	
	136s=3,m=52	NV,NV	250.0	0.57	0.41	4d12 2+0 d12	10.36	0.242+2d8/20	L=360	1.33	5.08		11,30,8,8	
	[b=1.0;1.0]		610.0	0.57	0.41	4d12 2+0 d12	11.73	0.232+2d8/20	L=360	1.34	5.08		11,30,8,8	
					M_P= 4	X=2027.1 Y=-111.8								
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc		Rif. cmb	
	4s=3,m=52	NV,NV	-20.0	0.57	0.87	4d12 2+0 d12	6.25	0.622+2d8/20	L=270	1.10	4.95		5,24,5,10	
	[b=1.0;1.0]		250.0	0.57	0.87	4d12 2+0 d12	3.76	0.602+2d8/20	L=270	1.11	4.95		5,24,5,10	
	137s=3,m=52	NV,NV	250.0	0.57	0.45	4d12 2+0 d12	10.20	0.252+2d8/20	L=360	1.23	5.05		5,24,10,10	
	[b=1.0;1.0]		610.0	0.57	0.45	4d12 2+0 d12	11.59	0.232+2d8/20	L=360	1.24	5.05		5,24,10,10	
					M_P= 5	X=-4.81e-04Y=1.29e-04								
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc		Rif. cmb	
	5s=3,m=52	NV,NV	-20.0	0.57	1.12	4d12 2+0 d12	12.37	0.922+2d8/20	L=270	1.00	2.54		5,8,34,30	
	[b=1.0;1.0]		250.0	0.57	1.12	4d12 2+0 d12	7.15	0.912+2d8/20	L=270	1.00	2.70		5,8,27,30	
	138s=3,m=52	NV,NV	250.0	0.57	0.71	4d12 2+0 d12	6.66	0.512+2d8/20	L=360	1.01	2.92		10,8,30,30	
	[b=1.0;1.0]		610.0	0.57	0.71	4d12 2+0 d12	7.71	0.492+2d8/20	L=360	1.01	2.92		10,8,30,30	
					M_P= 6	X=1003.0Y=-1.28e-02								
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc		Rif. cmb	
	6s=3,m=52	NV,NV	-20.0	0.57	0.79	4d12 2+0 d12	37.53	1.222+2d8/20	L=270	1.82	3.19		11,10,10,10	
	[b=1.0;1.0]		250.0	0.57	0.79	4d12 2+0 d12	24.53	1.212+2d8/20	L=270	1.76	3.19		11,10,10,10	

139s=3,m=52	NV,NV	250.0	0.57	0.76	4d12 2+0 d12	6.86	0.822+2d8/20 L=360	1.01	3.19	11,30,11,11
[b=1.0;1.0]		610.0	0.57	0.76	4d12 2+0 d12	8.50	0.812+2d8/20 L=360	1.01	3.19	31,30,11,11
M_P= 7 X=1693.0Y=-1.28e-02										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
7s=3,m=52	NV,NV	-20.0	0.57	0.78	4d12 2+0 d12	19.15	1.202+2d8/20 L=270	1.76	3.25	5,8,8,8
[b=1.0;1.0]		250.0	0.57	0.78	4d12 2+0 d12	10.92	1.192+2d8/20 L=270	1.71	3.25	5,8,8,8
140s=3,m=52	NV,NV	250.0	0.57	0.84	4d12 2+0 d12	6.14	0.812+2d8/20 L=360	1.00	2.42	5,24,10,5
[b=1.0;1.0]		610.0	0.57	0.84	4d12 2+0 d12	7.31	0.802+2d8/20 L=360	1.00	2.50	21,24,31,5
M_P= 8 X=2696.0Y=-1.52e-02										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
8s=3,m=52	NV,NV	-20.0	0.57	0.90	4d12 2+0 d12	11.74	0.932+2d8/20 L=270	1.05	3.17	11,10,21,21
[b=1.0;1.0]		250.0	0.57	0.90	4d12 2+0 d12	6.67	0.922+2d8/20 L=270	1.05	3.17	11,10,21,21
141s=3,m=52	NV,NV	250.0	0.57	0.59	4d12 2+0 d12	6.59	0.502+2d8/20 L=360	1.04	3.01	8,10,24,24
[b=1.0;1.0]		610.0	0.57	0.59	4d12 2+0 d12	7.73	0.482+2d8/20 L=360	1.05	3.01	8,10,24,24
M_P= 9 X=543.1 Y=390.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
10s=1,m=52	NV,NV	-20.0	0.50	0.90	4d12 0+0 d12	6.31	0.402+2d8/20 L=270	1.16	4.19	10,36,10,10
[b=1.0;1.0]		250.0	0.50	0.90	4d12 0+0 d12	6.26	0.382+2d8/20 L=270	1.16	4.19	10,36,10,10
M_P= 10 X=1348.0 Y=390.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
11s=1,m=52	NV,NV	-20.0	0.50	0.60	4d12 0+0 d12	6.42	0.372+2d8/20 L=270	1.54	5.14	5,32,10,5
[b=1.0;1.0]		250.0	0.50	0.60	4d12 0+0 d12	6.30	0.362+2d8/20 L=270	1.54	5.14	5,32,10,5
M_P= 11 X=1798.0 Y=390.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
12s=3,m=52	NV,NV	-20.0	1.03	1.22	4d14 2+2 d14	3.78	1.182+2d8/20 L=270	2.07	3.63	21,21,21,14
[b=1.0;1.0]		250.0	1.03	1.22	4d14 2+2 d14	2.08	1.172+2d8/20 L=270	2.01	3.62	24,21,21,27
143s=2,m=52	NV,NV	250.0	0.82	0.91	4d14 2+2 d14	4.23	0.692+2d8/20 L=360	1.19	4.05	24,27,24,24
[b=1.0;1.0]		610.0	0.82	0.91	4d14 2+2 d14	4.65	0.672+2d8/20 L=360	1.20	4.05	24,27,24,24
228s=3,m=52	NV,NV	610.0	0.77	0.90	4d14 2+0 d14	3.97	0.562+2d8/20 L=190	1.20	4.59	10,27,24,24
[b=1.0;1.0]		800.0	0.77	0.90	4d14 2+0 d14	0.96	0.552+2d8/20 L=190	1.20	4.59	11,27,24,24
M_P= 12 X=898.2 Y=390.1										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
9s=2,m=52	NV,NV	-20.0	0.82	1.05	4d14 2+2 d14	3.98	0.902+2d8/20 L=270	1.14	4.24	10,31,21,31
[b=1.0;1.0]		250.0	0.82	1.05	4d14 2+2 d14	2.10	0.892+2d8/20 L=270	1.12	4.24	10,31,21,31
142s=2,m=52	NV,NV	250.0	0.82	1.61	4d14 2+2 d14	3.77	0.702+2d8/20 L=360	1.00	4.22	10,29,31,30
[b=1.0;1.0]		610.0	0.82	1.61	4d14 2+2 d14	4.21	0.692+2d8/20 L=360	1.00	4.52	30,29,30,30
229s=3,m=52	NV,NV	610.0	0.77	0.98	4d14 2+0 d14	4.17	0.562+2d8/20 L=190	1.25	4.57	10,33,30,30
[b=1.0;1.0]		800.0	0.77	0.98	4d14 2+0 d14	1.02	0.552+2d8/20 L=190	1.25	4.57	10,33,30,30
M_P= 13 X=149.9 Y=559.3										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
13s=3,m=52	NV,NV	-20.0	0.57	1.05	4d12 2+0 d12	5.25	0.882+2d8/20 L=270	1.25	3.89	31,36,30,31
[b=1.0;1.0]		250.0	0.57	1.05	4d12 2+0 d12	4.03	0.862+2d8/20 L=270	1.23	3.89	31,36,30,31
144s=3,m=52	NV,NV	250.0	0.57	1.81	4d12 2+0 d12	5.90	0.502+2d8/20 L=360	1.20	4.37	31,16,31,33
[b=1.0;1.0]		610.0	0.57	1.81	4d12 2+0 d12	6.61	0.492+2d8/20 L=360	1.20	4.37	31,16,31,33
240s=3,m=52	NV,ok	610.0	0.57	0.55	4d12 2+0 d12	6.02	0.422+2d8/20 L=266	0.94	0.95	10,11,36,33
[b=1.0;1.0]		875.9	0.57	0.55	4d12 2+0 d12	1.03	0.412+2d8/20 L=266	0.94	0.95	33,11,36,33
M_P= 14 X=2546.1 Y=559.8										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
14s=3,m=52	NV,NV	-20.0	0.57	1.74	4d12 2+0 d12	5.51	0.912+2d8/20 L=270	1.38	4.18	21,24,24,21
[b=1.0;1.0]		250.0	0.57	1.74	4d12 2+0 d12	3.89	0.902+2d8/20 L=270	1.36	4.18	21,24,24,21
145s=3,m=52	NV,NV	250.0	0.57	0.77	4d12 2+0 d12	5.61	0.542+2d8/20 L=360	1.16	4.44	21,18,21,27
[b=1.0;1.0]		610.0	0.57	0.77	4d12 2+0 d12	6.36	0.532+2d8/20 L=360	1.16	4.44	21,18,21,27
241s=3,m=52	NV,ok	610.0	0.57	0.56	4d12 2+0 d12	4.64	0.452+2d8/20 L=266	0.93	0.98	8,5,26,27
[b=1.0;1.0]		875.9	0.57	0.56	4d12 2+0 d12	1.05	0.442+2d8/20 L=266	0.93	0.98	15,5,26,27
M_P= 15 X=1348.0 Y=795.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
15s=1,m=52	NV,NV	-20.0	0.50	0.93	4d12 0+0 d12	4.78	0.532+2d8/20 L=270	1.88	4.79	5,31,9,12
[b=1.0;1.0]		250.0	0.50	0.93	4d12 0+0 d12	3.13	0.522+2d8/20 L=270	1.88	4.79	32,31,9,12
M_P= 16 X=70.0 Y=860.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
16s=2,m=52	NV,NV	-20.0	0.82	1.54	4d14 2+2 d14	5.44	1.302+2d8/20 L=270	2.60	4.17	31,31,31,30
[b=1.0;1.0]		250.0	0.82	1.54	4d14 2+2 d14	1.47	1.292+2d8/20 L=270	2.49	4.17	31,31,31,30
146s=2,m=52	NV,NV	250.0	0.82	0.81	4d14 2+2 d14	3.82	0.802+2d8/20 L=360	1.19	4.66	10,31,11,31
[b=1.0;1.0]		610.0	0.82	0.81	4d14 2+2 d14	5.02	0.792+2d8/20 L=360	1.18	4.66	10,31,11,31
252s=3,m=52	NV,NV	610.0	0.77	0.65	4d14 2+0 d14	1.91	0.272+2d8/20 L=320	1.14	3.28	33,22,31,31
[b=1.0;1.0]		929.7	0.77	0.65	4d14 2+0 d14	1.31	0.262+2d8/20 L=320	1.15	3.28	23,22,31,31
M_P= 17 X=543.0 Y=860.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
17s=1,m=52	NV,NV	-20.0	0.50	1.37	4d12 0+0 d12	5.36	0.482+2d8/20 L=270	1.00	2.51	10,11,18,10
[b=1.0;1.0]		250.0	0.50	1.37	4d12 0+0 d12	5.35	0.472+2d8/20 L=270	1.00	2.54	5,11,13,10
M_P= 18 X=897.8 Y=860.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
18s=2,m=52	NV,NV	-20.0	0.82	0.91	4d14 2+2 d14	3.99	1.182+2d8/20 L=270	1.57	4.02	33,17,21,5
[b=1.0;1.0]		250.0	0.82	0.91	4d14 2+2 d14	1.32	1.172+2d8/20 L=270	1.54	4.02	33,17,21,5
147s=2,m=52	NV,NV	250.0	0.82	0.92	4d14 2+2 d14	3.42	1.012+2d8/20 L=360	1.32	4.06	13,33,33,17
[b=1.0;1.0]		610.0	0.82	0.92	4d14 2+2 d14	4.42	0.992+2d8/20 L=360	1.29	4.06	13,33,33,17

230s=3,m=52	NV,NV	610.0	1.03	1.08	4d14 2+2 d14	2.26	0.642+2d8/20 L=190	1.43	6.50 36,31,24,24
[b=1.0;1.0]		800.0	1.03	1.08	4d14 2+2 d14	0.28	0.632+2d8/20 L=190	1.43	6.50 29,31,24,24
276s=3,m=52	ok,NV	800.0	0.77	0.48	4d14 2+0 d14	0.47	0.402+2d8/20 L=203	1.00	3.66 2,31,16,30
[b=1.0;1.0]		1003.3	0.77	0.48	4d14 2+0 d14	0.99	0.392+2d8/20 L=203	1.00	3.93 30,31,30,34
M_P= 19 X=1798.0 Y=860.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
19s=2,m=52	NV,NV	-20.0	0.82	0.96	4d14 2+2 d14	4.63	1.292+2d8/20 L=270	2.43	4.39 27,27,27,8
[b=1.0;1.0]		250.0	0.82	0.96	4d14 2+2 d14	1.65	1.282+2d8/20 L=270	2.32	4.39 27,27,27,8
148s=2,m=52	NV,NV	250.0	0.82	2.45	4d14 2+2 d14	3.03	1.002+2d8/20 L=360	1.21	3.93 27,27,27,27
[b=1.0;1.0]		610.0	0.82	2.45	4d14 2+2 d14	3.81	0.982+2d8/20 L=360	1.18	3.93 27,27,27,27
231s=3,m=52	NV,NV	610.0	1.03	0.58	4d14 2+2 d14	2.27	0.632+2d8/20 L=190	1.42	6.50 24,21,32,27
[b=1.0;1.0]		800.0	1.03	0.58	4d14 2+2 d14	0.34	0.622+2d8/20 L=190	1.42	6.50 23,21,32,27
277s=3,m=52	ok,NV	800.0	0.77	0.47	4d14 2+0 d14	0.48	0.392+2d8/20 L=203	1.01	3.93 2,21,24,24
[b=1.0;1.0]		1003.3	0.77	0.47	4d14 2+0 d14	0.99	0.392+2d8/20 L=203	1.02	3.97 24,21,24,32
M_P= 20 X=2626.0 Y=860.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
20s=2,m=52	NV,NV	-20.0	0.82	1.36	4d14 2+2 d14	5.60	1.282+2d8/20 L=270	2.68	4.55 21,21,21,24
[b=1.0;1.0]		250.0	0.82	1.36	4d14 2+2 d14	2.69	1.262+2d8/20 L=270	2.58	4.55 5,21,21,24
149s=2,m=52	NV,NV	250.0	0.82	2.52	4d14 2+2 d14	3.58	0.772+2d8/20 L=360	1.12	4.71 24,21,5,21
[b=1.0;1.0]		610.0	0.82	2.52	4d14 2+2 d14	4.78	0.762+2d8/20 L=360	1.13	4.71 8,21,8,21
253s=3,m=52	NV,NV	610.0	0.77	0.81	4d14 2+0 d14	1.99	0.252+2d8/20 L=320	1.15	3.27 27,12,21,21
[b=1.0;1.0]		929.7	0.77	0.81	4d14 2+0 d14	1.28	0.242+2d8/20 L=320	1.16	3.27 21,12,21,21
M_P= 21 X=13.0 Y=1199.4									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
21s=1,m=52	NV,NV	-20.0	0.50	0.70	4d12 0+0 d12	5.02	0.422+2d8/20 L=270	1.00	1.14 10,16,10,10
[b=1.0;1.0]		250.0	0.50	0.70	4d12 0+0 d12	3.71	0.412+2d8/20 L=270	1.00	1.15 13,16,10,10
M_P= 22 X=543.0 Y=1200.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
22s=1,m=52	NV,NV	-20.0	0.50	0.36	4d12 0+0 d12	7.07	0.182+2d8/20 L=270	1.00	1.96 13,16,11,10
[b=1.0;1.0]		250.0	0.50	0.36	4d12 0+0 d12	6.89	0.172+2d8/20 L=270	1.00	1.99 13,16,18,10
M_P= 23 X=897.9 Y=1200.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
23s=1,m=52	NV,NV	-20.0	0.50	0.33	4d12 0+0 d12	8.48	0.242+2d8/20 L=270	1.05	3.68 31,6,31,31
[b=1.0;1.0]		250.0	0.50	0.33	4d12 0+0 d12	9.02	0.232+2d8/20 L=270	1.06	3.68 31,6,31,31
M_P= 24 X=1348.0 Y=1200.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
24s=1,m=52	NV,NV	-20.0	0.50	1.51	4d12 0+0 d12	6.42	0.422+2d8/20 L=270	1.00	2.84 9,30,5,9
[b=1.0;1.0]		250.0	0.50	1.51	4d12 0+0 d12	3.60	0.412+2d8/20 L=270	1.00	2.93 29,30,5,9
M_P= 25 X=1798.0 Y=1200.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
25s=1,m=52	NV,NV	-20.0	0.50	0.61	4d12 0+0 d12	5.27	0.452+2d8/20 L=270	1.04	3.89 21,8,24,24
[b=1.0;1.0]		250.0	0.50	0.61	4d12 0+0 d12	5.40	0.442+2d8/20 L=270	1.04	3.96 21,8,24,21
M_P= 26 X=2343.0 Y=1200.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
26s=1,m=52	NV,NV	-20.0	0.50	0.37	4d12 0+0 d12	9.94	0.132+2d8/20 L=270	1.00	3.41 13,16,5,5
[b=1.0;1.0]		250.0	0.50	0.37	4d12 0+0 d12	10.36	0.122+2d8/20 L=270	1.00	3.41 13,16,5,5
M_P= 27 X=2683.2 Y=1200.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
27s=1,m=52	NV,NV	-20.0	0.50	1.39	4d12 0+0 d12	5.36	0.622+2d8/20 L=270	1.00	1.97 8,14,28,8
[b=1.0;1.0]		250.0	0.50	1.39	4d12 0+0 d12	4.68	0.612+2d8/20 L=270	1.00	1.99 15,14,24,8
M_P= 28 X=70.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
28s=2,m=52	NV,NV	-20.0	0.82	1.04	4d14 2+2 d14	4.35	1.142+2d8/20 L=270	1.49	3.98 36,36,36,24
[b=1.0;1.0]		250.0	0.82	1.04	4d14 2+2 d14	0.99	1.132+2d8/20 L=270	1.45	3.98 36,36,36,24
150s=2,m=52	NV,NV	250.0	0.82	0.97	4d14 2+2 d14	3.33	0.802+2d8/20 L=360	1.00	3.48 20,36,15,36
[b=1.0;1.0]		610.0	0.82	0.97	4d14 2+2 d14	4.49	0.782+2d8/20 L=360	1.00	3.17 20,36,32,36
254s=3,m=52	NV,NV	610.0	1.03	1.04	4d14 2+2 d14	1.37	0.272+2d8/20 L=320	1.22	3.59 30,25,30,30
[b=1.0;1.0]		929.7	1.03	1.04	4d14 2+2 d14	1.04	0.262+2d8/20 L=320	1.22	3.59 28,25,30,30
M_P= 29 X=543.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
29s=1,m=52	NV,NV	-20.0	0.50	0.57	4d12 0+0 d12	5.86	0.362+2d8/20 L=270	1.00	1.94 17,20,10,17
[b=1.0;1.0]		250.0	0.50	0.57	4d12 0+0 d12	6.12	0.352+2d8/20 L=270	1.00	1.96 17,20,19,17
M_P= 30 X=898.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
30s=2,m=52	NV,NV	-20.0	0.82	0.99	4d14 2+2 d14	4.68	1.292+2d8/20 L=270	2.48	4.07 30,30,30,24
[b=1.0;1.0]		250.0	0.82	0.99	4d14 2+2 d14	1.76	1.282+2d8/20 L=270	2.38	4.07 30,30,30,24
151s=2,m=52	NV,NV	250.0	0.82	0.98	4d14 2+2 d14	3.61	1.152+2d8/20 L=360	1.78	4.10 30,30,30,30
[b=1.0;1.0]		610.0	0.82	0.98	4d14 2+2 d14	4.35	1.142+2d8/20 L=360	1.72	4.10 30,30,30,30
232s=3,m=52	NV,NV	610.0	1.03	0.68	4d14 2+2 d14	2.60	0.692+2d8/20 L=190	1.42	6.54 31,36,33,23
[b=1.0;1.0]		800.0	1.03	0.68	4d14 2+2 d14	0.47	0.692+2d8/20 L=190	1.42	6.54 14,36,33,23
280s=3,m=52	NV,NV	800.0	0.77	1.06	4d14 2+0 d14	0.65	0.472+2d8/20 L=231	1.00	2.28 20,36,21,33
[b=1.0;1.0]		1031.3	0.77	1.06	4d14 2+0 d14	1.22	0.462+2d8/20 L=231	1.00	2.31 33,36,33,33
M_P= 31 X=1348.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
31s=1,m=52	NV,NV	-20.0	0.50	1.75	4d12 0+0 d12	5.41	0.392+2d8/20 L=270	1.50	3.97 20,29,16,16
[b=1.0;1.0]		250.0	0.50	1.75	4d12 0+0 d12	3.72	0.382+2d8/20 L=270	1.50	3.97 32,29,16,16

M_P= 32 X=1798.0 Y=1510.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
32s=2,m=52		NV,NV	-20.0	0.82	1.75	4d14 2+2 d14	4.84	1.322+2d8/20	L=270	2.74	4.05	24,24,24,24
[b=1.0;1.0]			250.0	0.82	1.75	4d14 2+2 d14	1.82	1.312+2d8/20	L=270	2.61	4.05	24,24,24,24
152s=2,m=52		NV,NV	250.0	0.82	0.96	4d14 2+2 d14	3.44	1.132+2d8/20	L=360	1.67	4.12	24,24,24,24
[b=1.0;1.0]			610.0	0.82	0.96	4d14 2+2 d14	4.21	1.112+2d8/20	L=360	1.61	4.12	27,24,24,24
233s=3,m=52		NV,NV	610.0	1.03	0.56	4d14 2+2 d14	2.63	0.692+2d8/20	L=190	1.43	6.55	21,26,27,26
[b=1.0;1.0]			800.0	1.03	0.56	4d14 2+2 d14	0.45	0.682+2d8/20	L=190	1.43	6.55	20,26,27,26
281s=3,m=52		NV,NV	800.0	0.77	0.96	4d14 2+0 d14	0.62	0.472+2d8/20	L=231	1.00	2.26	14,26,21,27
[b=1.0;1.0]			1031.3	0.77	0.96	4d14 2+0 d14	1.18	0.462+2d8/20	L=231	1.00	2.29	27,26,28,27
M_P= 33 X=2153.0 Y=1510.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
33s=1,m=52		NV,NV	-20.0	0.50	0.75	4d12 0+0 d12	4.94	0.512+2d8/20	L=270	1.00	1.73	15,14,13,15
[b=1.0;1.0]			250.0	0.50	0.75	4d12 0+0 d12	4.98	0.492+2d8/20	L=270	1.00	1.74	16,14,13,15
M_P= 34 X=2626.0 Y=1510.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
34s=2,m=52		NV,NV	-20.0	0.82	1.04	4d14 2+2 d14	4.60	1.162+2d8/20	L=270	1.63	4.05	26,26,26,24
[b=1.0;1.0]			250.0	0.82	1.04	4d14 2+2 d14	1.21	1.152+2d8/20	L=270	1.59	4.05	26,26,26,24
153s=2,m=52		NV,NV	250.0	0.82	0.83	4d14 2+2 d14	3.33	0.792+2d8/20	L=360	1.01	4.02	14,26,26,26
[b=1.0;1.0]			610.0	0.82	0.83	4d14 2+2 d14	4.48	0.782+2d8/20	L=360	1.00	3.60	14,26,32,26
255s=3,m=52		NV,NV	610.0	0.77	1.00	4d14 2+0 d14	1.71	0.252+2d8/20	L=320	1.14	3.20	24,15,24,24
[b=1.0;1.0]			929.7	0.77	1.00	4d14 2+0 d14	1.27	0.242+2d8/20	L=320	1.15	3.20	26,15,24,24
M_P= 35 X=188.0 Y=1950.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
35s=3,m=52		NV,NV	-20.0	0.57	1.23	4d12 2+0 d12	4.24	0.662+2d8/20	L=270	1.11	4.47	30,15,35,29
[b=1.0;1.0]			250.0	0.57	1.23	4d12 2+0 d12	2.56	0.652+2d8/20	L=270	1.11	4.47	35,15,35,29
154s=3,m=52		NV,NV	250.0	0.57	1.67	4d12 2+0 d12	4.97	0.482+2d8/20	L=360	1.11	4.02	30,15,30,31
[b=1.0;1.0]			610.0	0.57	1.67	4d12 2+0 d12	5.72	0.472+2d8/20	L=360	1.11	4.02	30,15,30,31
250s=3,m=52		NV,ok	610.0	0.57	0.90	4d12 2+0 d12	4.69	0.372+2d8/20	L=285	0.86	0.82	14,15,26,10
[b=1.0;1.0]			894.9	0.57	0.90	4d12 2+0 d12	0.75	0.362+2d8/20	L=285	0.86	0.82	31,15,26,10
M_P= 36 X=543.0 Y=1950.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
36s=1,m=52		NV,NV	-20.0	0.50	0.48	4d12 0+0 d12	5.52	0.322+2d8/20	L=270	1.00	1.95	14,31,26,17
[b=1.0;1.0]			250.0	0.50	0.48	4d12 0+0 d12	5.66	0.312+2d8/20	L=270	1.00	1.97	14,31,19,17
M_P= 37 X=898.0 Y=1950.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
37s=2,m=52		NV,NV	-20.0	0.82	1.51	4d14 2+2 d14	3.87	0.812+2d8/20	L=270	1.13	4.13	33,31,33,33
[b=1.0;1.0]			250.0	0.82	1.51	4d14 2+2 d14	1.67	0.802+2d8/20	L=270	1.12	4.13	33,31,33,33
155s=2,m=52		NV,NV	250.0	0.82	0.99	4d14 2+2 d14	3.62	0.682+2d8/20	L=360	1.16	4.61	33,31,29,29
[b=1.0;1.0]			610.0	0.82	0.99	4d14 2+2 d14	4.18	0.672+2d8/20	L=360	1.16	4.61	33,31,29,29
234s=3,m=52		NV,NV	610.0	1.03	1.03	4d14 2+2 d14	2.30	0.672+2d8/20	L=190	1.19	5.22	14,31,26,31
[b=1.0;1.0]			800.0	1.03	1.03	4d14 2+2 d14	0.48	0.662+2d8/20	L=190	1.20	5.22	14,31,26,31
273s=3,m=52		NV,NV	800.0	0.77	0.55	4d14 2+0 d14	1.32	0.64 2+2d8/20	L=95	3.56	13.92	36,33,22,27
[b=1.0;1.0]			894.9	0.77	0.55	4d14 2+0 d14	1.22	0.64 2+2d8/20	L=95	3.57	13.92	10,33,22,27
M_P= 38 X=1348.0 Y=1950.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
38s=1,m=52		NV,NV	-20.0	0.50	0.67	4d12 0+0 d12	5.58	0.422+2d8/20	L=270	1.65	3.83	33,32,13,25
[b=1.0;1.0]			250.0	0.50	0.67	4d12 0+0 d12	5.38	0.412+2d8/20	L=270	1.65	3.83	29,32,13,25
M_P= 39 X=1798.0 Y=1950.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
39s=2,m=52		NV,NV	-20.0	0.82	0.92	4d14 2+2 d14	3.87	0.792+2d8/20	L=270	1.01	3.83	27,23,27,27
[b=1.0;1.0]			250.0	0.82	0.92	4d14 2+2 d14	1.64	0.782+2d8/20	L=270	1.00	3.43	26,23,24,27
156s=2,m=52		NV,NV	250.0	0.82	1.32	4d14 2+2 d14	3.60	0.692+2d8/20	L=360	1.07	4.31	27,21,27,27
[b=1.0;1.0]			610.0	0.82	1.32	4d14 2+2 d14	4.16	0.682+2d8/20	L=360	1.07	4.31	27,21,27,27
235s=3,m=52		NV,NV	610.0	1.03	1.25	4d14 2+2 d14	2.26	0.692+2d8/20	L=190	1.17	5.20	20,21,32,23
[b=1.0;1.0]			800.0	1.03	1.25	4d14 2+2 d14	0.49	0.682+2d8/20	L=190	1.17	5.20	20,21,32,23
274s=3,m=52		NV,NV	800.0	0.77	0.54	4d14 2+0 d14	1.24	0.66 2+2d8/20	L=95	3.51	14.05	26,27,36,33
[b=1.0;1.0]			894.9	0.77	0.54	4d14 2+0 d14	1.15	0.66 2+2d8/20	L=95	3.52	14.05	20,27,36,33
M_P= 40 X=2508.0 Y=1950.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
40s=3,m=52		NV,NV	-20.0	0.57	1.49	4d12 2+0 d12	4.39	0.642+2d8/20	L=270	1.00	2.94	28,17,26,21
[b=1.0;1.0]			250.0	0.57	1.49	4d12 2+0 d12	2.65	0.632+2d8/20	L=270	1.00	2.94	28,17,26,21
157s=3,m=52		NV,NV	250.0	0.57	1.27	4d12 2+0 d12	4.93	0.502+2d8/20	L=360	1.05	3.94	28,17,24,21
[b=1.0;1.0]			610.0	0.57	1.27	4d12 2+0 d12	5.71	0.492+2d8/20	L=360	1.06	3.94	28,17,24,21
251s=3,m=52		NV,ok	610.0	0.57	0.91	4d12 2+0 d12	4.67	0.392+2d8/20	L=285	0.80	0.83	20,17,28,8
[b=1.0;1.0]			894.9	0.57	0.91	4d12 2+0 d12	0.74	0.382+2d8/20	L=285	0.81	0.83	21,17,28,8
M_P= 41 X=2153.0 Y=1950.4												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
41s=1,m=52		NV,NV	-20.0	0.50	0.54	4d12 0+0 d12	6.79	0.202+2d8/20	L=270	1.00	2.45	14,21,9,14
[b=1.0;1.0]			250.0	0.50	0.54	4d12 0+0 d12	7.05	0.192+2d8/20	L=270	1.00	2.49	14,21,18,14
M_P= 42 X=1348.0 Y=2150.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
42s=1,m=52		NV,NV	-20.0	0.50	0.34	4d12 0+0 d12	8.19	0.292+2d8/20	L=270	1.39	4.12	32,29,20,14
[b=1.0;1.0]			250.0	0.50	0.34	4d12 0+0 d12	7.53	0.272+2d8/20	L=270	1.39	4.12	32,29,20,14
M_P= 43 X=97.0 Y=2290.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb

43s=3,m=52	NV,NV	-20.0	0.57	0.79	4d12 2+0 d12	5.63	0.732+2d8/20 L=270	1.04	4.26 33,36,33,31
[b=1.0;1.0]		250.0	0.57	0.79	4d12 2+0 d12	3.58	0.722+2d8/20 L=270	1.04	4.26 31,36,33,31
158s=3,m=52	NV,NV	250.0	0.57	1.00	4d12 2+0 d12	6.85	0.492+2d8/20 L=360	1.09	4.34 31,30,31,30
[b=1.0;1.0]		610.0	0.57	1.00	4d12 2+0 d12	7.82	0.482+2d8/20 L=360	1.10	4.34 31,30,31,30
218s=1,m=52	NV,NV	610.0	0.75	0.49	4d12 2+0 d12	4.54	0.372+2d8/20 L=159	1.32	3.65 17,30,33,21
[b=1.0;1.0]		768.9	0.75	0.49	4d12 2+0 d12	0.52	0.372+2d8/20 L=159	1.32	3.65 17,30,33,21
M_P= 44 X=989.0 Y=2290.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
44s=3,m=52	NV,NV	-20.0	0.77	1.64	4d14 2+0 d14	3.52	0.702+2d8/20 L=270	1.00	2.37 33,34,34,33
[b=1.0;1.0]		250.0	0.77	1.64	4d14 2+0 d14	2.35	0.692+2d8/20 L=270	1.00	2.37 33,34,34,33
159s=3,m=52	NV,NV	250.0	0.77	0.80	4d14 2+0 d14	4.59	0.522+2d8/20 L=360	1.00	3.05 33,36,21,33
[b=1.0;1.0]		610.0	0.77	0.80	4d14 2+0 d14	5.08	0.512+2d8/20 L=360	1.00	3.12 33,36,9,33
214s=3,m=52	NV,NV	610.0	0.77	0.29	4d14 2+0 d14	3.41	0.37 2+2d8/20 L=85	3.65	14.91 14,36,27,22
[b=1.0;1.0]		695.0	0.77	0.29	4d14 2+0 d14	1.67	0.37 2+2d8/20 L=85	3.66	14.91 17,36,27,22
238s=1,m=52	NV,NV	695.0	0.68	0.24	4d14 0+0 d14	2.24	0.43 2+2d8/20 L=74	3.70	14.85 15,36,27,17
[b=1.0;1.0]		768.9	0.68	0.24	4d14 0+0 d14	0.76	0.42 2+2d8/20 L=74	3.71	14.85 15,36,27,17
M_P= 45 X=1707.1 Y=2290.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
45s=3,m=52	NV,NV	-20.0	0.77	1.70	4d14 2+0 d14	3.55	0.692+2d8/20 L=270	1.00	2.47 25,28,15,24
[b=1.0;1.0]		250.0	0.77	1.70	4d14 2+0 d14	2.31	0.682+2d8/20 L=270	1.00	2.47 27,28,15,24
160s=3,m=52	NV,NV	250.0	0.77	0.87	4d14 2+0 d14	4.54	0.522+2d8/20 L=360	1.00	3.77 27,26,18,21
[b=1.0;1.0]		610.0	0.77	0.87	4d14 2+0 d14	5.04	0.502+2d8/20 L=360	1.01	3.86 27,26,21,21
215s=3,m=52	NV,NV	610.0	0.77	0.30	4d14 2+0 d14	3.27	0.37 2+2d8/20 L=85	3.64	14.93 20,26,33,32
[b=1.0;1.0]		695.0	0.77	0.30	4d14 2+0 d14	1.65	0.37 2+2d8/20 L=85	3.65	14.93 15,26,33,32
239s=1,m=52	NV,NV	695.0	0.68	0.34	4d14 0+0 d14	2.19	0.42 2+2d8/20 L=74	3.65	14.76 17,26,25,15
[b=1.0;1.0]		768.9	0.68	0.34	4d14 0+0 d14	0.70	0.42 2+2d8/20 L=74	3.65	14.76 13,26,25,15
M_P= 46 X=2599.0 Y=2290.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
46s=3,m=52	NV,NV	-20.0	0.57	0.66	4d12 2+0 d12	5.83	0.742+2d8/20 L=270	1.10	4.43 21,26,27,21
[b=1.0;1.0]		250.0	0.57	0.66	4d12 2+0 d12	3.72	0.722+2d8/20 L=270	1.10	4.43 21,26,27,21
161s=3,m=52	NV,NV	250.0	0.57	0.70	4d12 2+0 d12	6.97	0.492+2d8/20 L=360	1.14	4.40 21,24,21,21
[b=1.0;1.0]		610.0	0.57	0.70	4d12 2+0 d12	7.97	0.482+2d8/20 L=360	1.14	4.40 21,24,21,21
219s=1,m=52	NV,NV	610.0	0.75	0.45	4d12 2+0 d12	4.63	0.382+2d8/20 L=159	1.35	3.66 27,24,27,31
[b=1.0;1.0]		768.9	0.75	0.45	4d12 2+0 d12	0.53	0.372+2d8/20 L=159	1.35	3.66 15,24,27,31
M_P= 47 X=543.0 Y=2352.5									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
47s=1,m=52	NV,NV	-20.0	0.50	1.10	4d12 0+0 d12	5.41	0.412+2d8/20 L=270	1.00	2.07 20,29,15,17
[b=1.0;1.0]		250.0	0.50	1.10	4d12 0+0 d12	5.32	0.402+2d8/20 L=270	1.00	2.09 20,29,26,17
M_P= 48 X=2153.0 Y=2352.5									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
48s=1,m=52	NV,NV	-20.0	0.50	0.73	4d12 0+0 d12	5.58	0.412+2d8/20 L=270	1.00	2.16 14,23,27,15
[b=1.0;1.0]		250.0	0.50	0.73	4d12 0+0 d12	5.51	0.402+2d8/20 L=270	1.00	2.19 14,23,14,15
M_P= 49 X=6.0 Y=2630.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
49s=3,m=52	NV,NV	-20.0	0.57	0.71	4d12 2+0 d12	36.50	0.892+2d8/20 L=270	1.06	3.12 18,15,36,30
[b=1.0;1.0]		250.0	0.57	0.71	4d12 2+0 d12	24.12	0.882+2d8/20 L=270	1.07	3.12 18,15,36,30
162s=3,m=52	NV,NV	250.0	0.57	0.77	4d12 2+0 d12	7.57	0.502+2d8/20 L=360	1.03	3.15 30,15,36,30
[b=1.0;1.0]		610.0	0.57	0.77	4d12 2+0 d12	9.65	0.492+2d8/20 L=360	1.04	3.15 30,15,36,30
M_P= 50 X=1080.0 Y=2630.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
50s=3,m=52	NV,NV	-20.0	0.57	1.52	4d12 2+0 d12	92.40	1.022+2d8/20 L=270	1.07	2.95 20,33,26,26
[b=1.0;1.0]		250.0	0.57	1.52	4d12 2+0 d12	8.29	1.012+2d8/20 L=270	1.08	2.95 16,33,26,26
163s=3,m=52	NV,NV	250.0	0.57	1.42	4d12 2+0 d12	13.59	0.642+2d8/20 L=360	1.00	2.07 36,33,30,30
[b=1.0;1.0]		610.0	0.57	1.42	4d12 2+0 d12	19.33	0.632+2d8/20 L=360	1.00	2.07 36,33,12,26
M_P= 51 X=1616.0 Y=2630.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
51s=3,m=52	NV,NV	-20.0	0.57	0.82	4d12 2+0 d12	29.94	1.052+2d8/20 L=270	1.06	3.02 18,27,36,24
[b=1.0;1.0]		250.0	0.57	0.82	4d12 2+0 d12	19.56	1.042+2d8/20 L=270	1.07	3.02 18,27,36,24
164s=3,m=52	NV,NV	250.0	0.57	0.85	4d12 2+0 d12	15.15	0.662+2d8/20 L=360	1.00	2.72 26,27,18,24
[b=1.0;1.0]		610.0	0.57	0.85	4d12 2+0 d12	21.90	0.642+2d8/20 L=360	1.00	2.72 26,27,10,24
M_P= 52 X=2690.0 Y=2630.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
52s=3,m=52	NV,NV	-20.0	0.57	0.93	4d12 2+0 d12	33.28	0.892+2d8/20 L=270	1.12	3.22 16,17,26,24
[b=1.0;1.0]		250.0	0.57	0.93	4d12 2+0 d12	21.08	0.882+2d8/20 L=270	1.12	3.22 16,17,26,24
165s=3,m=52	NV,NV	250.0	0.57	0.64	4d12 2+0 d12	7.39	0.512+2d8/20 L=360	1.08	3.21 24,17,24,24
[b=1.0;1.0]		610.0	0.57	0.64	4d12 2+0 d12	9.42	0.492+2d8/20 L=360	1.08	3.21 24,17,24,24
M_P= 53 X=363.9 Y=2741.7									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
53s=3,m=52	NV,NV	-20.0	0.57	0.85	4d12 2+0 d12	6.08	0.402+2d8/20 L=270	1.01	2.99 17,31,36,36
[b=1.0;1.0]		250.0	0.57	0.85	4d12 2+0 d12	3.75	0.392+2d8/20 L=270	1.01	2.99 17,31,36,36
166s=3,m=52	NV,NV	250.0	0.57	0.35	4d12 2+0 d12	9.37	0.182+2d6/20 L=360	1.03	7.47 17,23,13,13
[b=1.0;1.0]		610.0	0.57	0.35	4d12 2+0 d12	10.61	0.162+2d6/20 L=360	1.04	7.47 17,23,13,13
M_P= 54 X=722.5 Y=2741.7									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
54s=3,m=52	NV,NV	-20.0	0.57	0.76	4d12 2+0 d12	5.79	0.402+2d8/20 L=270	1.01	2.96 15,33,26,26
[b=1.0;1.0]		250.0	0.57	0.76	4d12 2+0 d12	3.57	0.392+2d8/20 L=270	1.02	2.96 15,33,26,26

167s=3,m=52	NV,NV	250.0	0.57	0.45	4d12 2+0 d12	8.83	0.172+2d8/20 L=360	1.07	4.24	15,33,15,15
[b=1.0;1.0]		610.0	0.57	0.45	4d12 2+0 d12	9.87	0.152+2d8/20 L=360	1.08	4.24	15,33,15,15
M_P= 55 X=1974.1 Y=2741.7										
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc Rif. cmb
55s=3,m=52	NV,NV	-20.0	0.57	0.82	4d12 2+0 d12	5.33	0.412+2d8/20 L=270	1.00	1.58	17,27,29,17
[b=1.0;1.0]		250.0	0.57	0.82	4d12 2+0 d12	2.65	0.402+2d8/20 L=270	1.00	1.60	17,27,32,17
168s=2,m=52	NV,NV	250.0	0.45	0.32	4d12 2+0 d12	9.22	0.142+2d8/20 L=360	1.06	4.48	17,27,17,17
[b=1.0;1.0]		610.0	0.45	0.32	4d12 2+0 d12	10.09	0.132+2d8/20 L=360	1.07	4.48	17,27,17,17
M_P= 56 X=2332.2 Y=2741.7										
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc Rif. cmb
56s=3,m=52	NV,NV	-20.0	0.57	0.85	4d12 2+0 d12	8.63	0.442+2d8/20 L=270	1.09	4.17	20,17,26,15
[b=1.0;1.0]		250.0	0.57	0.85	4d12 2+0 d12	4.67	0.432+2d8/20 L=270	1.09	4.17	15,17,26,15
169s=3,m=52	NV,NV	250.0	0.57	0.89	4d12 2+0 d12	10.98	0.222+2d8/20 L=360	1.09	4.23	15,17,15,15
[b=1.0;1.0]		610.0	0.57	0.89	4d12 2+0 d12	12.71	0.202+2d8/20 L=360	1.09	4.23	15,17,15,15
Pilas.										
			%Af	r. snell.			verif.	ver.sis	v V/T cls v V/T acc	
			1.03	2.52			92.40	<u>1.32</u>	<u>3.71 14.93</u>	

Pilas.	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf	M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	Luce per V	V M2-2	V M3-3
					daN cm	daN cm	daN cm	daN cm	cm	daN	daN
1	0.0	0.0	0.0	0.0	8.063e+05	7.988e+05	1.140e+06	1.129e+06	245.00	7206.35	1.019e+04
2	0.0	0.0	0.0	0.0	8.767e+05	8.714e+05	1.254e+06	1.243e+06	245.00	7848.74	1.121e+04
3	0.0	0.0	0.0	0.0	8.437e+05	8.366e+05	1.199e+06	1.188e+06	245.00	7544.21	1.072e+04
4	0.0	0.0	0.0	0.0	9.002e+05	8.956e+05	1.307e+06	1.297e+06	245.00	8062.68	1.169e+04
5	0.0	0.0	0.0	0.0	1.013e+06	1.009e+06	1.543e+06	1.536e+06	245.00	9076.46	1.382e+04
6	0.0	0.0	0.0	0.0	1.099e+06	1.097e+06	1.693e+06	1.689e+06	245.00	9860.83	1.518e+04
7	0.0	0.0	0.0	0.0	1.095e+06	1.092e+06	1.686e+06	1.681e+06	245.00	9816.32	1.512e+04
8	0.0	0.0	0.0	0.0	1.016e+06	1.012e+06	1.549e+06	1.542e+06	245.00	9103.62	1.388e+04
9	0.0	0.0	0.0	0.0	1.471e+06	1.466e+06	2.600e+06	2.593e+06	245.00	1.319e+04	2.332e+04
10	0.0	0.0	0.0	0.0	5.577e+05	5.512e+05	5.577e+05	5.512e+05	245.00	4979.02	4979.02
11	0.0	0.0	0.0	0.0	5.431e+05	5.365e+05	5.431e+05	5.365e+05	245.00	4847.18	4847.18
12	0.0	0.0	0.0	0.0	1.377e+06	1.374e+06	1.904e+06	1.901e+06	245.00	1.235e+04	1.709e+04
13	0.0	0.0	0.0	0.0	9.980e+05	9.940e+05	1.514e+06	1.506e+06	245.00	8943.90	1.356e+04
14	0.0	0.0	0.0	0.0	1.010e+06	1.006e+06	1.537e+06	1.529e+06	245.00	9048.32	1.377e+04
15	0.0	0.0	0.0	0.0	6.294e+05	6.234e+05	6.294e+05	6.234e+05	245.00	5625.01	5625.01
16	0.0	0.0	0.0	0.0	1.612e+06	1.609e+06	2.809e+06	2.805e+06	245.00	1.446e+04	2.520e+04
17	0.0	0.0	0.0	0.0	6.059e+05	5.998e+05	6.059e+05	5.998e+05	245.00	5413.49	5413.49
18	0.0	0.0	0.0	0.0	1.579e+06	1.575e+06	2.761e+06	2.756e+06	245.00	1.416e+04	2.477e+04
19	0.0	0.0	0.0	0.0	1.609e+06	1.606e+06	2.805e+06	2.801e+06	245.00	1.444e+04	2.517e+04
20	0.0	0.0	0.0	0.0	1.606e+06	1.603e+06	2.800e+06	2.796e+06	245.00	1.441e+04	2.512e+04
21	0.0	0.0	0.0	0.0	5.719e+05	5.655e+05	5.719e+05	5.655e+05	245.00	5107.00	5107.00
22	0.0	0.0	0.0	0.0	4.290e+05	4.219e+05	4.290e+05	4.219e+05	245.00	3820.66	3820.66
23	0.0	0.0	0.0	0.0	4.645e+05	4.576e+05	4.645e+05	4.576e+05	245.00	4139.84	4139.84
24	0.0	0.0	0.0	0.0	5.696e+05	5.632e+05	5.696e+05	5.632e+05	245.00	5086.39	5086.39
25	0.0	0.0	0.0	0.0	5.876e+05	5.814e+05	5.876e+05	5.814e+05	245.00	5248.56	5248.56
26	0.0	0.0	0.0	0.0	3.997e+05	3.925e+05	3.997e+05	3.925e+05	245.00	3556.93	3556.93
27	0.0	0.0	0.0	0.0	6.762e+05	6.707e+05	6.762e+05	6.707e+05	245.00	6047.32	6047.32
28	0.0	0.0	0.0	0.0	1.564e+06	1.560e+06	2.739e+06	2.734e+06	245.00	1.403e+04	2.457e+04
29	0.0	0.0	0.0	0.0	5.349e+05	5.283e+05	5.349e+05	5.283e+05	245.00	4773.68	4773.68
30	0.0	0.0	0.0	0.0	1.610e+06	1.607e+06	2.806e+06	2.802e+06	245.00	1.445e+04	2.518e+04
31	0.0	0.0	0.0	0.0	5.527e+05	5.462e+05	5.527e+05	5.462e+05	245.00	4934.00	4934.00
32	0.0	0.0	0.0	0.0	1.617e+06	1.614e+06	2.816e+06	2.812e+06	245.00	1.451e+04	2.527e+04
33	0.0	0.0	0.0	0.0	6.183e+05	6.122e+05	6.183e+05	6.122e+05	245.00	5524.69	5524.69
34	0.0	0.0	0.0	0.0	1.570e+06	1.567e+06	2.749e+06	2.743e+06	245.00	1.408e+04	2.466e+04
35	0.0	0.0	0.0	0.0	9.184e+05	9.139e+05	1.348e+06	1.338e+06	245.00	8226.94	1.206e+04
36	0.0	0.0	0.0	0.0	5.145e+05	5.078e+05	5.145e+05	5.078e+05	245.00	4589.77	4589.77
37	0.0	0.0	0.0	0.0	1.434e+06	1.429e+06	2.544e+06	2.536e+06	245.00	1.285e+04	2.281e+04
38	0.0	0.0	0.0	0.0	5.710e+05	5.646e+05	5.710e+05	5.646e+05	245.00	5098.63	5098.63
39	0.0	0.0	0.0	0.0	1.425e+06	1.419e+06	2.530e+06	2.522e+06	245.00	1.277e+04	2.268e+04
40	0.0	0.0	0.0	0.0	9.094e+05	9.049e+05	1.328e+06	1.318e+06	245.00	8145.68	1.188e+04
41	0.0	0.0	0.0	0.0	4.387e+05	4.317e+05	4.387e+05	4.317e+05	245.00	3907.77	3907.77
42	0.0	0.0	0.0	0.0	4.928e+05	4.860e+05	4.928e+05	4.860e+05	245.00	4394.49	4394.49
43	0.0	0.0	0.0	0.0	9.457e+05	9.414e+05	1.407e+06	1.397e+06	245.00	8472.43	1.259e+04
44	0.0	0.0	0.0	0.0	1.042e+06	1.038e+06	1.587e+06	1.578e+06	245.00	9334.86	1.421e+04
45	0.0	0.0	0.0	0.0	1.041e+06	1.037e+06	1.586e+06	1.576e+06	245.00	9328.40	1.420e+04
46	0.0	0.0	0.0	0.0	9.470e+05	9.427e+05	1.409e+06	1.400e+06	245.00	8484.62	1.262e+04
47	0.0	0.0	0.0	0.0	5.662e+05	5.598e+05	5.662e+05	5.598e+05	245.00	5055.30	5055.30
48	0.0	0.0	0.0	0.0	5.667e+05	5.602e+05	5.667e+05	5.602e+05	245.00	5059.66	5059.66
49	0.0	0.0	0.0	0.0	1.002e+06	9.984e+05	1.523e+06	1.515e+06	245.00	8983.30	1.364e+04
50	0.0	0.0	0.0	0.0	1.045e+06	1.041e+06	1.603e+06	1.597e+06	245.00	9363.69	1.437e+04
51	0.0	0.0	0.0	0.0	1.055e+06	1.052e+06	1.622e+06	1.616e+06	245.00	9459.51	1.454e+04
52	0.0	0.0	0.0	0.0	1.005e+06	1.001e+06	1.527e+06	1.519e+06	245.00	9002.90	1.368e+04
53	0.0	0.0	0.0	0.0	7.759e+05	7.681e+05	1.093e+06	1.081e+06	245.00	6932.19	9764.10
54	0.0	0.0	0.0	0.0	7.797e+05	7.719e+05	1.099e+06	1.087e+06	245.00	6966.42	9816.77
55	0.0	0.0	0.0	0.0	7.854e+05	7.777e+05	1.108e+06	1.096e+06	245.00	7017.69	9895.73

56	0.0	0.0	0.0	0.0	8.044e+05	7.969e+05	1.137e+06	1.126e+06	245.00	7189.83	1.016e+04
134	0.0	0.0	0.0	0.0	6.203e+05	6.084e+05	8.594e+05	8.420e+05	310.00	4359.91	6037.23
135	0.0	0.0	0.0	0.0	6.186e+05	6.067e+05	8.569e+05	8.394e+05	310.00	4347.60	6019.15
136	0.0	0.0	0.0	0.0	6.663e+05	6.548e+05	9.275e+05	9.104e+05	310.00	4687.71	6521.43
137	0.0	0.0	0.0	0.0	6.700e+05	6.585e+05	9.330e+05	9.159e+05	310.00	4714.14	6560.77
138	0.0	0.0	0.0	0.0	8.492e+05	8.398e+05	1.208e+06	1.193e+06	305.00	6091.56	8656.93
139	0.0	0.0	0.0	0.0	9.795e+05	9.740e+05	1.477e+06	1.466e+06	310.00	6931.77	1.044e+04
140	0.0	0.0	0.0	0.0	9.759e+05	9.703e+05	1.469e+06	1.458e+06	310.00	6905.95	1.039e+04
141	0.0	0.0	0.0	0.0	8.618e+05	8.524e+05	1.238e+06	1.181e+06	305.00	6037.43	8571.79
142	0.0	0.0	0.0	0.0	1.380e+06	1.373e+06	2.463e+06	2.452e+06	310.00	9768.43	1.744e+04
143	0.0	0.0	0.0	0.0	1.374e+06	1.367e+06	2.454e+06	2.443e+06	310.00	9725.15	1.737e+04
144	0.0	0.0	0.0	0.0	8.457e+05	8.362e+05	1.202e+06	1.187e+06	305.00	6065.73	8616.26
145	0.0	0.0	0.0	0.0	8.686e+05	8.594e+05	1.238e+06	1.224e+06	305.00	6232.22	8879.22
146	0.0	0.0	0.0	0.0	1.429e+06	1.422e+06	2.537e+06	2.526e+06	295.00	1.063e+04	1.888e+04
147	0.0	0.0	0.0	0.0	1.516e+06	1.510e+06	2.668e+06	2.659e+06	295.00	1.128e+04	1.986e+04
148	0.0	0.0	0.0	0.0	1.513e+06	1.507e+06	2.664e+06	2.655e+06	295.00	1.126e+04	1.983e+04
149	0.0	0.0	0.0	0.0	1.414e+06	1.407e+06	2.515e+06	2.504e+06	295.00	1.052e+04	1.871e+04
150	0.0	0.0	0.0	0.0	1.426e+06	1.419e+06	2.532e+06	2.522e+06	295.00	1.061e+04	1.884e+04
151	0.0	0.0	0.0	0.0	1.569e+06	1.564e+06	2.747e+06	2.739e+06	295.00	1.168e+04	2.045e+04
152	0.0	0.0	0.0	0.0	1.561e+06	1.556e+06	2.735e+06	2.727e+06	295.00	1.162e+04	2.037e+04
153	0.0	0.0	0.0	0.0	1.425e+06	1.418e+06	2.530e+06	2.519e+06	295.00	1.060e+04	1.883e+04
154	0.0	0.0	0.0	0.0	8.315e+05	8.218e+05	1.180e+06	1.165e+06	310.00	5866.34	8317.98
155	0.0	0.0	0.0	0.0	1.372e+06	1.365e+06	2.451e+06	2.440e+06	310.00	9711.92	1.735e+04
156	0.0	0.0	0.0	0.0	1.377e+06	1.370e+06	2.458e+06	2.447e+06	310.00	9746.68	1.741e+04
157	0.0	0.0	0.0	0.0	8.436e+05	8.341e+05	1.199e+06	1.184e+06	310.00	5952.85	8453.65
158	0.0	0.0	0.0	0.0	8.390e+05	8.295e+05	1.192e+06	1.177e+06	310.00	5920.57	8402.92
159	0.0	0.0	0.0	0.0	9.775e+05	9.719e+05	1.429e+06	1.414e+06	310.00	6917.14	1.009e+04
160	0.0	0.0	0.0	0.0	9.768e+05	9.711e+05	1.427e+06	1.412e+06	310.00	6911.77	1.007e+04
161	0.0	0.0	0.0	0.0	8.399e+05	8.303e+05	1.193e+06	1.178e+06	310.00	5926.48	8412.23
162	0.0	0.0	0.0	0.0	8.456e+05	8.361e+05	1.202e+06	1.187e+06	310.00	5967.43	8476.58
163	0.0	0.0	0.0	0.0	9.098e+05	9.038e+05	1.329e+06	1.315e+06	310.00	6435.26	9381.54
164	0.0	0.0	0.0	0.0	9.159e+05	9.099e+05	1.342e+06	1.329e+06	310.00	6478.54	9477.66
165	0.0	0.0	0.0	0.0	8.475e+05	8.380e+05	1.205e+06	1.190e+06	310.00	5980.80	8497.62
166	0.0	0.0	0.0	0.0	6.170e+05	6.050e+05	8.545e+05	8.368e+05	310.00	4336.14	6001.63
167	0.0	0.0	0.0	0.0	6.075e+05	5.955e+05	8.406e+05	8.231e+05	310.00	4268.63	5903.45
168	0.0	0.0	0.0	0.0	6.256e+05	6.100e+05	1.094e+06	1.065e+06	310.00	4384.64	7659.50
169	0.0	0.0	0.0	0.0	6.465e+05	6.348e+05	8.981e+05	8.808e+05	310.00	4546.47	6312.04
214	0.0	0.0	0.0	0.0	8.953e+05	8.930e+05	1.276e+06	1.272e+06	35.70	5.510e+04	7.853e+04
215	0.0	0.0	0.0	0.0	8.943e+05	8.919e+05	1.275e+06	1.271e+06	35.70	5.504e+04	7.843e+04
218	0.0	0.0	0.0	0.0	6.681e+05	6.648e+05	6.844e+05	6.806e+05	110.34	1.329e+04	1.361e+04
219	0.0	0.0	0.0	0.0	6.688e+05	6.655e+05	6.852e+05	6.814e+05	110.34	1.330e+04	1.362e+04
228	0.0	0.0	0.0	0.0	9.902e+05	9.873e+05	1.461e+06	1.454e+06	140.00	1.554e+04	2.290e+04
229	0.0	0.0	0.0	0.0	9.922e+05	9.893e+05	1.466e+06	1.459e+06	140.00	1.557e+04	2.298e+04
230	0.0	0.0	0.0	0.0	1.202e+06	1.199e+06	1.684e+06	1.680e+06	110.00	2.402e+04	3.364e+04
231	0.0	0.0	0.0	0.0	1.200e+06	1.197e+06	1.682e+06	1.678e+06	110.00	2.398e+04	3.359e+04
232	0.0	0.0	0.0	0.0	1.224e+06	1.221e+06	1.712e+06	1.708e+06	110.00	2.444e+04	3.421e+04
233	0.0	0.0	0.0	0.0	1.222e+06	1.219e+06	1.710e+06	1.706e+06	110.00	2.441e+04	3.416e+04
234	0.0	0.0	0.0	0.0	1.215e+06	1.212e+06	1.701e+06	1.697e+06	140.00	1.907e+04	2.670e+04
235	0.0	0.0	0.0	0.0	1.221e+06	1.218e+06	1.708e+06	1.704e+06	140.00	1.916e+04	2.682e+04
238	0.0	0.0	0.0	0.0	6.717e+05	6.700e+05	6.717e+05	6.700e+05	26.04	5.667e+04	5.667e+04
239	0.0	0.0	0.0	0.0	6.689e+05	6.672e+05	6.689e+05	6.672e+05	26.04	5.644e+04	5.644e+04
240	0.0	0.0	0.0	0.0	7.936e+05	7.861e+05	1.121e+06	1.109e+06	213.16	8151.99	1.151e+04
241	0.0	0.0	0.0	0.0	8.090e+05	8.016e+05	1.145e+06	1.133e+06	213.16	8311.56	1.175e+04
250	0.0	0.0	0.0	0.0	7.587e+05	7.503e+05	1.067e+06	1.054e+06	236.31	7024.42	9873.81
251	0.0	0.0	0.0	0.0	7.716e+05	7.634e+05	1.087e+06	1.074e+06	236.31	7145.14	1.006e+04
252	0.0	0.0	0.0	0.0	8.270e+05	8.175e+05	1.168e+06	1.153e+06	269.92	6701.77	9461.76
253	0.0	0.0	0.0	0.0	8.142e+05	8.045e+05	1.148e+06	1.133e+06	269.92	6596.52	9298.59
254	0.0	0.0	0.0	0.0	1.012e+06	1.003e+06	1.410e+06	1.396e+06	269.92	8209.97	1.144e+04
255	0.0	0.0	0.0	0.0	8.126e+05	8.029e+05	1.146e+06	1.131e+06	269.92	6583.92	9279.13
273	0.0	0.0	0.0	0.0	1.023e+06	1.021e+06	1.542e+06	1.538e+06	45.97	4.891e+04	7.371e+04
274	0.0	0.0	0.0	0.0	1.029e+06	1.028e+06	1.558e+06	1.555e+06	45.97	4.923e+04	7.449e+04
276	0.0	0.0	0.0	0.0	9.141e+05	9.086e+05	1.306e+06	1.298e+06	140.39	1.428e+04	2.040e+04
277	0.0	0.0	0.0	0.0	9.112e+05	9.057e+05	1.302e+06	1.293e+06	140.39	1.424e+04	2.033e+04
280	0.0	0.0	0.0	0.0	9.588e+05	9.531e+05	1.380e+06	1.370e+06	167.35	1.257e+04	1.807e+04
281	0.0	0.0	0.0	0.0	9.553e+05	9.494e+05	1.374e+06	1.364e+06	167.34	1.252e+04	1.799e+04
Pilas.					M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f		V M2-2	V M3-3
					1.617e+06	1.614e+06	2.816e+06	2.812e+06		5.667e+04	7.853e+04

Pilas.I	Pilas.S	NodoSL	codver. (+)	V + daN	V + af s daN	N + daN	ver. (-)	V - daN	V - af s daN	N - daN	Area G cm2	Rif. cmb	
1	134	57	SLV:NV	2.94	-1.272e+04	4.714e+04	-600.70	0.58	-1.675e+04	4.714e+04	1.322e+04	1200.0	35(2),20(2)

2	135	58 SLV:NV	2.93	-2777.80	3.495e+04	-4677.59	0.59	-1.355e+04	4.714e+04	9047.97	1200.0	31(2),28(2)
3	136	59 SLV:NV	3.04	1.253e+04	-4.714e+04	-2430.32	0.55	1.653e+04	-4.714e+04	9357.30	1200.0	25(2),14(2)
4	137	60 SLV:NV	3.13	-1.188e+04	4.714e+04	-3374.73	0.57	1.290e+04	-4.104e+04	1.494e+04	1200.0	35(2),34(2)
5	138	61 SLV:NV	1.99	-9255.82	4.213e+04	2.231e+04	0.86	-1.007e+04	4.325e+04	3.595e+04	1200.0	22(2),20(2)
6	139	62 SLV:NV	1.84	5599.77	-3.051e+04	6824.33	0.94	1.112e+04	-3.051e+04	5.483e+04	1200.0	33(2),10(3)
7	140	63 SLV:NV	1.28	5711.27	-2.441e+04	8087.79	0.96	-1.494e+04	3.051e+04	5.804e+04	1200.0	27(3),24(2)
8	141	64 SLV:NV	1.53	3159.28	-2.532e+04	8998.96	0.71	8595.31	-3.051e+04	3.508e+04	1200.0	27(3),14(3)
10		66 SLV:NV	4.74	0.0	4.198e+04	0.0	0.87	0.0	4.198e+04	0.0	900.0	8(2),8(2)
11		67 SLV:NV	5.74	0.0	5.082e+04	0.0	1.05	0.0	5.082e+04	0.0	900.0	11(2),11(2)
12	143	68 SLV:NV	1.79	-456.42	-3.209e+04	2.893e+04	1.04	3369.68	1.663e+04	6.135e+04	1200.0	30(3),27(3)
13	144	69 SLV:NV	2.65	2.183e+04	-6.377e+04	2.496e+04	0.87	2.183e+04	-6.377e+04	2.496e+04	1200.0	33(2),33(2)
14	145	70 SLV:ok	0.91	655.68	1.900e+04	2.532e+04	0.64	6011.99	-1.663e+04	3.864e+04	1200.0	20(2),18(2)
15		71 SLV:NV	3.65	0.0	-3.231e+04	0.0	0.67	0.0	-3.231e+04	0.0	900.0	33(3),33(3)
16	146	74 SLV:NV	1.08	1.138e+04	-3.674e+04	2.429e+04	0.96	-1.300e+04	3.912e+04	6.910e+04	1500.0	10(3),11(3)
17		75 SLV:NV	5.49	0.0	-4.860e+04	0.0	1.00	0.0	-4.860e+04	0.0	900.0	5(2),5(2)
18	147	76 SLV:NV	1.07	9952.85	-4.373e+04	5.618e+04	1.18	8798.43	-3.553e+04	8.766e+04	1500.0	11(2),17(2)
19	148	77 SLV:NV	0.99	-1.760e+04	4.714e+04	4.480e+04	1.17	2.402e+04	-4.714e+04	8.917e+04	1500.0	30(2),27(2)
20	149	78 SLV:NV	1.21	-9700.13	4.571e+04	5.506e+04	0.96	7413.05	2.438e+04	6.453e+04	1500.0	10(2),5(3)
21		79 SLV:NV	2.23	0.0	-1.979e+04	0.0	0.41	0.0	-1.979e+04	0.0	900.0	5(2),5(2)
22		81 SLV:NV	4.30	0.0	-3.812e+04	0.0	0.79	0.0	-3.812e+04	0.0	900.0	13(2),13(2)
23		82 SLV:NV	5.32	0.0	4.714e+04	0.0	0.97	0.0	4.714e+04	0.0	900.0	30(3),30(3)
24		83 SLV:NV	3.63	0.0	-3.214e+04	0.0	0.66	0.0	-3.214e+04	0.0	900.0	29(3),29(3)
25		84 SLV:NV	5.15	0.0	-4.562e+04	0.0	0.94	0.0	-4.562e+04	0.0	900.0	21(3),21(3)
26		85 SLV:NV	4.90	0.0	-4.339e+04	0.0	0.90	0.0	-4.339e+04	0.0	900.0	13(2),13(2)
27		86 SLV:NV	2.82	0.0	-2.495e+04	0.0	0.52	0.0	-2.495e+04	0.0	900.0	5(2),5(2)
28	150	88 SLV:ok	0.83	-1.194e+04	3.593e+04	3.440e+04	0.95	1.317e+04	-4.036e+04	6.684e+04	1500.0	17(3),20(3)
29		89 SLV:NV	5.12	0.0	-4.533e+04	0.0	0.94	0.0	-4.533e+04	0.0	900.0	17(2),17(2)
30	151	90 SLV:NV	1.33	7462.23	-3.966e+04	3.303e+04	1.34	-2.527e+04	4.936e+04	1.028e+05	1500.0	11(2),30(2)
31		91 SLV:NV	3.57	0.0	3.160e+04	0.0	0.65	0.0	3.160e+04	0.0	900.0	32(3),32(3)
32	152	92 SLV:NV	1.57	8325.13	-4.399e+04	3.191e+04	1.32	-2.492e+04	4.936e+04	1.007e+05	1500.0	5(2),24(2)
33		93 SLV:NV	5.15	0.0	4.561e+04	0.0	0.94	0.0	4.561e+04	0.0	900.0	15(2),15(2)
34	153	94 SLV:ok	0.84	1.160e+04	-3.574e+04	3.461e+04	0.93	-1.346e+04	4.037e+04	6.541e+04	1500.0	15(3),14(3)
35	154	97 SLV:NV	1.90	6892.64	-4.158e+04	3.102e+04	0.83	6892.64	-4.158e+04	3.102e+04	1200.0	8(3),8(3)
36		98 SLV:NV	5.01	0.0	-4.438e+04	0.0	0.92	0.0	-4.438e+04	0.0	900.0	17(2),17(2)
37	155	99 SLV:NV	1.85	1.179e+04	-5.700e+04	4.754e+04	0.98	2.102e+04	-5.935e+04	6.005e+04	1500.0	17(2),23(2)
38		100 SLV:NV	3.88	0.0	-3.435e+04	0.0	0.71	0.0	-3.435e+04	0.0	900.0	29(3),29(3)
39	156	101 SLV:NV	1.11	-1.983e+04	4.936e+04	3.656e+04	0.87	2.177e+04	-4.714e+04	6.085e+04	1500.0	32(2),29(2)
40	157	102 SLV:NV	1.95	9570.82	-4.104e+04	2.008e+04	0.84	-9523.58	4.158e+04	3.546e+04	1200.0	15(2),13(3)
41		103 SLV:NV	5.07	0.0	-4.487e+04	0.0	0.93	0.0	-4.487e+04	0.0	900.0	14(2),14(2)
42		105 SLV:NV	4.37	0.0	-3.868e+04	0.0	0.80	0.0	-3.868e+04	0.0	900.0	14(2),14(2)
43	158	107 SLV:NV	2.11	1.093e+04	-4.271e+04	1.565e+04	0.77	-1.084e+04	4.271e+04	2.888e+04	1200.0	21(2),24(2)
44	159	108 SLV:NV	2.32	-1.217e+04	5.324e+04	3.418e+04	0.95	-1.217e+04	5.324e+04	3.418e+04	1200.0	26(2),26(2)
45	160	109 SLV:NV	2.30	1.105e+04	-4.873e+04	2.519e+04	0.92	-9295.69	4.936e+04	3.219e+04	1200.0	19(2),6(2)
46	161	110 SLV:NV	2.91	1.227e+04	-5.324e+04	1.453e+04	0.76	-1.100e+04	4.271e+04	2.902e+04	1200.0	35(2),30(2)
47		111 SLV:NV	5.13	0.0	-4.547e+04	0.0	0.94	0.0	-4.547e+04	0.0	900.0	17(2),17(2)
48		112 SLV:NV	5.26	0.0	-4.657e+04	0.0	0.96	0.0	-4.657e+04	0.0	900.0	14(2),14(2)
49	162	113 SLV:NV	2.30	4254.60	-2.964e+04	-3493.64	0.75	5654.33	-3.051e+04	3.535e+04	1200.0	30(3),11(3)
50	163	114 SLV:NV	2.42	-4816.56	3.051e+04	-5381.68	0.78	1.701e+04	-3.272e+04	4.568e+04	1200.0	30(3),33(2)
51	164	115 SLV:NV	2.41	5193.24	-3.051e+04	-5994.96	0.75	9822.69	-3.051e+04	3.944e+04	1200.0	24(3),15(3)
52	165	116 SLV:NV	2.28	-5024.01	3.051e+04	-2861.05	0.75	-5143.41	3.051e+04	3.555e+04	1200.0	24(3),5(3)
53	166	117 SLV:NV	3.09	1.154e+04	-4.714e+04	-1823.63	0.66	-1.108e+04	4.714e+04	1.210e+04	1200.0	10(2),11(2)
54	167	118 SLV:NV	2.93	-1.191e+04	4.714e+04	1228.93	0.61	1.131e+04	-4.714e+04	6570.95	1200.0	8(2),5(2)
55	168	119 SLV:NV	2.66	-1.645e+04	4.714e+04	-1372.93	0.54	-1.572e+04	4.714e+04	7027.80	1200.0	32(2),11(2)
56	169	120 SLV:NV	3.23	-1.111e+04	4.714e+04	-4036.91	0.68	1.093e+04	-4.714e+04	1.448e+04	1200.0	8(2),5(2)
134		123 SLV:NV	4.70	0.0	5.546e+04	0.0	0.86	0.0	5.546e+04	0.0	1200.0	7(2),7(2)
135		124 SLV:NV	4.13	0.0	-4.882e+04	0.0	0.76	0.0	-4.882e+04	0.0	1200.0	5(2),5(2)
136		125 SLV:NV	4.13	0.0	-4.882e+04	0.0	0.76	0.0	-4.882e+04	0.0	1200.0	5(2),5(2)
137		126 SLV:NV	4.70	0.0	5.546e+04	0.0	0.86	0.0	5.546e+04	0.0	1200.0	7(2),7(2)
138		127 SLV:NV	3.15	0.0	3.715e+04	0.0	0.58	0.0	3.715e+04	0.0	1200.0	28(2),28(2)
139		128 SLV:NV	2.07	0.0	-2.449e+04	0.0	0.38	0.0	-2.449e+04	0.0	1200.0	14(2),14(2)
140		129 SLV:NV	2.22	0.0	2.627e+04	0.0	0.41	0.0	2.627e+04	0.0	1200.0	24(2),24(2)
141		130 SLV:NV	4.21	0.0	-4.973e+04	0.0	0.77	0.0	-4.973e+04	0.0	1200.0	26(2),26(2)
142	229	132 SLV:NV	3.65	-8819.20	-4.990e+04	1.004e+04	1.01	9405.11	4.990e+04	3.804e+04	1500.0	30(2),31(2)
143	228	131 SLV:NV	2.62	-8326.59	-3.326e+04	5926.99	0.66	1.067e+04	1.663e+04	3.964e+04	1500.0	26(2),27(2)
144	240	133 SLV:NV	3.90	-186.71	-4.569e+04	-307.50	0.91	1042.53	-5.054e+04	1.698e+04	1200.0	17(2),33(2)
145	241	134 SLV:NV	3.32	73.84	3.715e+04	-3897.05	0.79	-2137.75	3.715e+04	2.700e+04	1200.0	11(2),21(2)
146	252	137 SLV:NV	1.94	-3325.54	-3.282e+04	1.708e+04	0.57	-3325.54	-3.282e+04	1.708e+04	1500.0	5(3),5(3)
147	230	138 SLV:NV	2.48	317.51	4.727e+04	2.524e+04	0.88	-9638.72	-3.326e+04	4.552e+04	1500.0	10(3),31(2)
148	231	139 SLV:NV	1.78	-9309.30	-3.326e+04	4.248e+04	0.89	-1.008e+04	-3.326e+04	4.513e+04	1500.0	23(2),21(2)
149	253	140 SLV:NV	1.67	1538.98	-3.246e+04	1.426e+04	0.48	3436.25	2.572e+04	1.737e+04	1500.0	10(3),11(3)
150	254	141 SLV:NV	1.88	2404.22	3.318e+04	1.800e+04	0.57	2467.41	3.312e+04	1.848e+04	1500.0	17(3),13(3)
151	232	142 SLV:NV	2.46	-1848.67	4.952e+04	2.643e+04	1.00	8959.15	4.158e+04	4.958e+04	1500.0	17(3),36(2)
152	233	143 SLV:NV	2.20	7657.87	4.158e+04	4.205e+04	1.00	8868.52	4.158e+04	4.926e+04	1500.0	32(2),26(2)
153	255	144 SLV:NV	2.37	-2050.88	4.336e+04	1.369e+04	0.60	-2050.88	4.336e+04	1.369e+04	1500.0	14(3),14(3)
154	250	147 SLV:NV	3.66	-1651.79	-4.158e+04	116.18	0.83	-1033.00	-4.158e+04	2.000e+04	1200.0	17(2),35(2)
155	234	148 SLV:NV	3.93	8660.65	5.821e+04	1.920e+04	1.08	-8619.42	-4.990e+04	4.795e+04	1500.0	30(2),31(2)

156	235	149 SLV:NV	3.87	8203.32	5.821e+04	1.993e+04	1.08	-8057.64	-4.990e+04	4.900e+04	1500.0	24(2),21(2)
157	251	150 SLV:NV	2.97	-1583.67	-3.326e+04	-388.49	0.72	91.29	-3.326e+04	2.255e+04	1200.0	15(2),33(2)
158	218	151 SLV:NV	5.41	-4346.96	-5.821e+04	-2696.46	0.99	3311.33	4.990e+04	2.005e+04	1200.0	31(2),30(2)
159	214	152 SLV:NV	4.76	-134.03	-5.821e+04	4236.44	0.98	-1787.02	4.990e+04	2.625e+04	1200.0	29(2),32(2)
160	215	153 SLV:NV	4.76	-172.48	-5.821e+04	4388.69	0.95	242.30	-5.821e+04	6397.31	1200.0	23(2),35(2)
161	219	154 SLV:NV	5.43	-4479.86	-5.821e+04	-2835.70	1.25	3376.69	6.653e+04	2.012e+04	1200.0	21(2),24(2)
162		155 SLV:NV	3.52	0.0	-4.158e+04	0.0	0.64	0.0	-4.158e+04	0.0	1200.0	31(2),31(2)
163		156 SLV:NV	2.11	0.0	-2.495e+04	0.0	0.39	0.0	-2.495e+04	0.0	1200.0	7(3),7(3)
164		157 SLV:NV	2.11	0.0	2.495e+04	0.0	0.39	0.0	2.495e+04	0.0	1200.0	5(3),5(3)
165		158 SLV:NV	2.82	0.0	-3.326e+04	0.0	0.52	0.0	-3.326e+04	0.0	1200.0	5(2),5(2)
166		159 SLV:NV	4.70	0.0	5.546e+04	0.0	0.86	0.0	5.546e+04	0.0	1200.0	8(2),8(2)
167		160 SLV:NV	4.13	0.0	-4.882e+04	0.0	0.76	0.0	-4.882e+04	0.0	1200.0	6(2),6(2)
168		161 SLV:NV	3.76	0.0	5.546e+04	0.0	0.69	0.0	5.546e+04	0.0	1500.0	7(2),7(2)
169		162 SLV:NV	4.13	0.0	-4.882e+04	0.0	0.76	0.0	-4.882e+04	0.0	1200.0	6(2),6(2)
214	238	163 SLV:NV	1.38	-1500.97	-1.652e+04	3725.14	0.54	9048.65	1.110e+04	2.281e+04	1200.0	33(2),36(2)
215	239	164 SLV:NV	1.36	-1423.39	-1.647e+04	3889.61	0.53	8757.51	1.102e+04	2.254e+04	1200.0	27(2),26(2)
228		181 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	7(3),7(3)
229		182 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	5(3),5(3)
230	276	183 SLV:ok	0.34	2155.12	-7351.67	2766.08	0.44	-6011.44	3583.99	2.850e+04	1200.0	34(2),31(2)
231	277	184 SLV:ok	0.38	2074.61	-7689.80	2392.27	0.44	-5743.58	3523.21	2.817e+04	1200.0	28(2),21(2)
232	280	185 SLV:ok	0.61	-2589.46	1.043e+04	1449.79	0.52	7099.78	-6744.21	3.363e+04	1200.0	29(2),36(2)
233	281	186 SLV:ok	0.59	-2487.23	1.015e+04	1521.72	0.51	6939.15	-6735.74	3.320e+04	1200.0	23(2),26(2)
234	273	187 SLV:ok	0.59	1.083e+04	-1.649e+04	-2304.43	0.73	7573.54	0.0	4.596e+04	1200.0	30(2),33(3)
235	274	188 SLV:ok	0.46	-7350.34	0.0	4399.04	0.75	-8062.57	0.0	4.729e+04	1200.0	36(3),27(3)
252		201 SLV:NV	1.84	0.0	-2.171e+04	0.0	0.34	0.0	-2.171e+04	0.0	1200.0	5(3),5(3)
253		202 SLV:NV	1.84	0.0	2.171e+04	0.0	0.34	0.0	2.171e+04	0.0	1200.0	7(3),7(3)
255		204 SLV:NV	1.84	0.0	-2.171e+04	0.0	0.34	0.0	-2.171e+04	0.0	1200.0	5(3),5(3)
273		194 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	5(3),5(3)
274		195 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	7(3),7(3)
276		205 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	5(3),5(3)
277		206 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	5(3),5(3)
280		207 SLV:NV	1.54	0.0	-1.818e+04	0.0	0.28	0.0	-1.818e+04	0.0	1200.0	28(2),28(2)
281		208 SLV:NV	1.56	0.0	-1.837e+04	0.0	0.28	0.0	-1.837e+04	0.0	1200.0	34(2),34(2)

Pilas.I**ver. (+)**0.34
5.74**ver. (-)**0.26
1.34

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	M_T= 1 x/d	Z=250.0 V N/M	P=1 V V/T cls	P=6 V V/T acc	Staffe	Rif. cmb
		cm									L=cm	
59	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	7.89	0.76	0.64	2d8/20 L=44	10,26,5
	s=2,m=52	176.6	0.36	5.3	2.3	0.0	0.12	0.47	0.55	0.50	2d8/25 L=233	2,26,5
		353.3	0.30	3.1	4.5	0.0	0.10	7.39	0.78	0.67	2d8/20 L=38	11,26,5
57	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	7.13	0.82	0.74	2d8/20 L=38	5,14,5
	s=2,m=52	167.0	0.28	4.2	2.3	0.0	0.10	0.38	0.55	0.53	2d8/25 L=214	31,14,5
		334.0	0.38	3.1	5.7	0.0	0.11	7.35	0.81	0.73	2d8/20 L=37	8,14,5
61	NV,ok	0.0	0.30	3.1	4.5	0.0	0.10	6.26	0.93	0.62	2d8/20 L=39	5,33,5
	s=2,m=52	176.1	0.36	5.3	2.3	0.0	0.12	0.38	0.74	0.50	2d8/25 L=232	2,33,5
		352.2	0.38	3.1	5.7	0.0	0.11	7.66	0.93	0.62	2d8/20 L=44	8,33,5
							M_T= 2	Z=250.0	P=2	P=8		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
62	NV,NV	0.0	0.30	3.1	4.5	0.0	0.10	7.47	1.00	0.69	2d8/20 L=44	10,27,21
	s=2,m=52	176.1	0.36	5.3	2.3	0.0	0.12	0.62	0.78	0.47	2d8/25 L=232	2,21,5
		352.2	0.30	3.1	4.5	0.0	0.10	5.99	1.00	1.01	2d8/20 L=38	10,23,21
58	NV,NV	0.0	0.38	3.1	5.7	0.0	0.11	7.26	1.00	1.01	2d8/20 L=38	5,14,15
	s=2,m=52	167.0	0.28	4.2	2.3	0.0	0.10	0.78	0.56	0.54	2d8/25 L=214	2,15,5
		334.0	0.38	3.1	5.7	0.0	0.11	6.39	1.00	1.05	2d8/20 L=37	8,19,15
60	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	6.77	1.00	0.97	2d8/20 L=39	5,33,2
	s=2,m=52	176.6	0.36	5.3	2.3	0.0	0.12	0.66	0.62	0.56	2d8/25 L=233	2,33,5
		353.2	0.38	3.1	5.7	0.0	0.11	8.51	0.85	0.72	2d8/20 L=44	8,33,5
							M_T= 3	Z=250.0	P=6	P=50		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
63	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	7.57	0.60	0.50	2d8/20 L=35	30,11,5
	s=2,m=52	202.0	0.28	4.2	2.3	0.0	0.10	0.23	0.46	0.42	2d8/25 L=284	7,11,5
		403.9	0.30	3.1	4.5	0.0	0.10	6.98	0.55	0.44	2d8/20 L=40	31,11,5
72	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	5.80	0.55	0.34	2d8/20 L=32	31,20,5
	s=2,m=52	235.0	0.36	5.3	2.3	0.0	0.12	0.08	0.50	0.37	2d8/25 L=350	24,20,5
		469.9	0.38	3.1	5.7	0.0	0.11	6.69	0.55	0.34	2d8/20 L=35	30,20,5
83	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	5.22	1.00	0.46	2d8/20 L=35	31,11,5
	s=2,m=52	170.0	0.28	4.2	2.3	0.0	0.10	2.61	0.99	0.51	2d8/25 L=220	36,5,5
		340.0	0.38	3.1	5.7	0.0	0.11	2.20	1.00	0.46	2d8/20 L=45	36,11,5
91	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	2.55	1.00	0.57	2d8/20 L=45	31,20,14
	s=2,m=52	155.0	0.28	4.2	3.4	0.0	0.09	1.94	1.00	0.64	2d8/25 L=190	31,13,14
		310.0	0.38	3.1	5.7	0.0	0.11	5.38	1.00	0.57	2d8/20 L=35	36,20,14

103	NV,ok	0.0	0.40	3.1	6.1	0.0	0.12	6.42	0.73	0.60	2d8/20 L=35	31,5,5
	s=2,m=52	220.0	0.36	5.3	2.3	0.0	0.12	0.44	0.49	0.41	2d8/25 L=320	2,5,5
		440.0	0.38	3.1	5.7	0.0	0.11	5.45	0.71	0.59	2d8/20 L=35	36,5,5
111	NV,NV	0.0	0.36	5.3	2.3	0.0	0.12	10.20	1.33	2.33	2d8/25 L=119	36,15,6
	s=2,m=52	207.0	0.40	3.1	6.1	0.0	0.12	1.26	1.49	2.54	2d8/20 L=60	36,15,5
118	NV,NV	0.0	0.40	3.1	6.1	0.0	0.12	1.36	2.21	3.29	2d8/20 L=30	20,15,5
	s=2,m=52	145.0	0.36	5.3	2.3	0.0	0.12	14.46	2.15	3.81	2d8/25 L=95	29,15,5
125	NV,ok	0.0	0.30	3.1	4.5	0.0	0.10	7.04	0.59	0.48	2d8/20 L=40	33,11,5
	s=2,m=52	176.0	0.36	5.3	2.3	0.0	0.12	0.75	0.54	0.52	2d8/25 L=232	33,11,5
		352.0	0.40	3.1	6.1	0.0	0.12	6.70	0.64	0.53	2d8/20 L=40	36,11,5
M_T= 4 Z=250.0 P=7 P=51												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
64	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	6.83	0.87	0.49	2d8/20 L=40	21,27,5
	s=2,m=52	201.9	0.28	4.2	2.3	0.0	0.10	0.38	0.75	0.44	2d8/25 L=284	24,27,5
		403.9	0.30	3.1	4.5	0.0	0.10	6.33	0.85	0.46	2d8/20 L=31	24,27,5
73	NV,NV	0.0	0.38	3.1	5.7	0.0	0.11	4.25	1.02	2.45	2d8/20 L=32	26,20,12
	s=2,m=52	235.0	0.36	5.3	2.3	0.0	0.12	1.32	0.90	0.38	2d8/25 L=350	2,20,5
		470.0	0.38	3.1	5.7	0.0	0.11	4.42	1.05	2.58	2d8/20 L=35	27,20,8
84	NV,NV	0.0	0.38	3.1	5.7	0.0	0.11	4.33	1.68	2.53	2d8/20 L=35	24,8,5
	s=2,m=52	170.0	0.28	4.2	2.3	0.0	0.10	1.69	1.32	1.28	2d8/25 L=220	24,8,7
		340.0	0.38	3.1	5.7	0.0	0.11	1.69	1.69	2.56	2d8/20 L=45	21,8,5
93	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	1.97	1.00	0.87	2d8/20 L=45	26,20,15
	s=2,m=52	155.0	0.28	4.2	3.4	0.0	0.09	1.54	1.00	0.60	2d8/25 L=190	21,20,15
		310.0	0.38	3.1	5.7	0.0	0.11	6.21	1.00	0.87	2d8/20 L=35	26,20,15
105	NV,ok	0.0	0.40	3.1	6.1	0.0	0.12	5.78	0.75	0.60	2d8/20 L=35	21,10,5
	s=2,m=52	220.0	0.36	5.3	2.3	0.0	0.12	0.44	0.51	0.41	2d8/25 L=320	2,10,5
		440.0	0.38	3.1	5.7	0.0	0.11	6.65	0.74	0.59	2d8/20 L=35	26,10,5
113	NV,NV	0.0	0.36	5.3	2.3	0.0	0.12	0.88	1.33	2.35	2d8/25 L=147	27,20,5
	s=2,m=52	207.0	0.40	3.1	6.1	0.0	0.12	7.14	1.49	2.56	2d8/20 L=32	27,20,5
119	NV,NV	0.0	0.40	3.1	6.1	0.0	0.12	5.54	2.21	3.28	2d8/20 L=10	26,17,5
	s=2,m=52	145.0	0.36	5.3	2.3	0.0	0.12	0.82	2.15	3.80	2d8/25 L=115	14,17,5
126	NV,ok	0.0	0.30	3.1	4.5	0.0	0.10	6.88	0.61	0.47	2d8/20 L=40	26,5,5
	s=2,m=52	176.0	0.36	5.3	2.3	0.0	0.12	0.72	0.55	0.51	2d8/25 L=232	27,5,5
		352.0	0.40	3.1	6.1	0.0	0.12	6.76	0.68	0.55	2d8/20 L=40	27,5,5
M_T= 5 Z=250.0 P=5 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
65	NV,ok	0.0	0.53	2.3	8.0	0.0	0.18	6.61	0.67	0.48	2d8/20 L=40	33,33,5
	s=2,m=52	289.5	0.51	7.6	2.3	0.0	0.17	0.35	0.55	0.43	2d8/25 L=459	31,33,5
		579.0	0.79	2.3	11.8	0.0	0.30	6.68	0.77	0.60	2d8/20 L=40	36,33,5
M_T= 6 Z=250.0 P=8 P=14												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
66	NV,ok	0.0	0.33	3.1	4.9	0.0	0.10	4.88	0.91	0.46	2d8/20 L=40	26,14,5
	s=2,m=52	289.8	0.31	4.6	2.3	0.0	0.10	0.59	0.70	0.27	2d8/25 L=460	25,14,5
		579.6	0.33	3.1	4.9	0.0	0.10	5.05	0.88	0.43	2d8/20 L=40	27,14,5
M_T= 7 Z=250.0 P=9 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
70	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	3.69	1.00	1.02	2d8/20 L=42	10,27,11
	s=2,m=52	214.0	0.41	6.2	3.1	0.0	0.12	1.05	0.84	0.54	2d8/25 L=308	9,11,5
		428.1	0.62	3.1	9.2	0.0	0.19	1.34	1.00	1.35	2d8/20 L=40	10,20,11
67	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.70	1.00	1.60	2d8/20 L=45	5,6,17
	s=2,m=52	177.6	0.41	6.2	3.1	0.0	0.12	0.90	1.00	0.76	2d8/25 L=235	11,17,17
		355.1	0.72	3.1	10.8	0.0	0.24	4.04	1.00	1.84	2d8/20 L=39	11,29,17
68	NV,ok	0.0	0.72	3.1	10.8	0.0	0.24	4.07	1.00	0.73	2d8/20 L=39	5,30,30
	s=2,m=52	224.9	0.31	4.6	3.1	0.0	0.10	0.83	1.00	0.59	2d8/25 L=330	10,30,30
		449.9	0.72	3.1	10.8	0.0	0.24	1.54	1.00	0.73	2d8/20 L=45	8,30,30
69	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	3.15	0.94	0.55	2d8/20 L=45	10,26,5
	s=2,m=52	225.0	0.41	6.2	3.1	0.0	0.12	1.51	0.81	0.51	2d8/25 L=330	10,26,5
		450.0	0.51	3.1	7.7	0.0	0.15	4.28	0.90	0.50	2d8/20 L=39	11,26,5
M_T= 8 Z=250.0 P=10 P=42												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
71	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.39	1.99	2.81	2d8/20 L=45	30,6,5
	s=2,m=52	202.5	0.41	6.2	3.1	0.0	0.12	1.10	1.58	1.41	2d8/25 L=285	2,7,5
		405.0	0.51	3.1	7.7	0.0	0.15	1.49	1.96	2.68	2d8/20 L=45	2,6,5
80	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.26	1.33	2.81	2d8/20 L=45	32,20,5
	s=2,m=52	202.5	0.41	6.2	3.1	0.0	0.12	0.80	1.00	0.95	2d8/25 L=285	2,11,20
		405.0	0.62	3.1	9.2	0.0	0.19	0.83	1.33	2.81	2d8/20 L=45	29,20,5
92	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.03	1.30	2.80	2d8/20 L=45	32,8,5
	s=2,m=52	155.0	0.31	4.6	3.1	0.0	0.10	0.35	1.00	1.66	2d8/25 L=190	2,14,8
		310.0	0.62	3.1	9.2	0.0	0.19	0.98	1.30	2.80	2d8/20 L=45	29,8,5
104	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	0.94	1.56	2.17	2d8/20 L=45	2,13,5
	s=2,m=52	220.0	0.41	6.2	3.1	0.0	0.12	0.78	1.29	1.29	2d8/25 L=320	2,13,5
		440.0	0.62	3.1	9.2	0.0	0.19	0.90	1.59	2.29	2d8/20 L=45	29,13,5
112	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	9.56	1.79	2.45	2d8/20 L=170	31,17,5
	s=2,m=52	200.0	0.41	3.1	6.2	0.0	0.12	2.21	1.79	2.43	2d8/20 L=170	33,17,5
M_T= 9 Z=250.0 P=13 P=16												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb

74	NV,ok	0.0	0.79	2.3	11.8	0.0	0.30	16.65	0.96	0.83	2d8/20 L=35	30,27,5
	s=2,m=52	155.6	0.51	7.6	5.3	0.0	0.12	0.60	0.87	0.91	2d8/25 L=191	31,27,5
		311.1	0.58	2.3	8.7	0.0	0.20	9.21	0.84	0.69	2d8/20 L=35	31,27,5
M_T= 10 Z=250.0 P=14 P=20												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
75	NV,NV	0.0	0.79	2.3	11.8	0.0	0.30	10.87	1.18	2.73	2d8/20 L=35	21,14,5
	s=2,m=52	155.3	0.36	4.5	5.3	0.0	0.10	0.94	1.00	1.76	2d8/25 L=191	24,8,14
		310.6	0.58	2.3	8.7	0.0	0.20	16.49	1.10	2.39	2d8/20 L=35	24,14,6
M_T= 11 Z=250.0 P=16 P=18												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
76	NV,NV	0.0	0.31	3.1	4.6	0.0	0.10	0.17	1.92	2.43	2d8/20 L=124	17,30,5
	s=2,m=52	139.6	0.31	3.1	4.6	0.0	0.10	1.43	1.92	2.43	2d8/20 L=124	2,30,5
78	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	2.82	0.99	0.98	2d8/20 L=39	5,24,2
	s=2,m=52	236.5	0.51	7.7	3.1	0.0	0.15	0.95	0.49	0.50	2d8/25 L=353	5,24,5
		473.0	0.62	3.1	9.2	0.0	0.19	1.33	1.00	1.13	2d8/20 L=45	5,21,2
79	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.39	1.00	1.41	2d8/20 L=45	11,6,31
	s=2,m=52	177.4	0.31	4.6	3.1	0.0	0.10	1.42	0.78	0.65	2d8/25 L=235	8,31,5
		354.8	0.51	3.1	7.7	0.0	0.15	4.69	1.00	1.23	2d8/20 L=45	8,36,31
M_T= 12 Z=250.0 N=73 N=78												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
77	NV,NV	0.0	0.31	3.1	4.6	0.0	0.10	3.05	2.89	2.36	2d8/20 L=120	2,24,6
	s=2,m=52	135.5	0.31	3.1	4.6	0.0	0.10	0.25	2.89	2.36	2d8/20 L=120	15,24,6
M_T= 13 Z=250.0 N=72 N=80												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
81	NV,NV	0.0	0.73	4.6	11.7	0.0	0.30	0.77	0.86	0.95	2d8/20 L=60	31,17,5
	s=21,m=52	195.6	0.58	9.2	3.1	0.0	0.27	0.32	0.74	0.71	2d8/25 L=271	33,17,5
		391.2	0.62	4.6	10.0	0.0	0.27	1.05	0.86	0.94	2d8/20 L=60	30,17,5
M_T= 14 Z=250.0 N=73 N=87												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
82	NV,NV	0.0	0.64	6.0	10.2	0.0	0.26	1.79	1.00	4.82	2d8/20 L=60	24,15,15
	s=21,m=52	193.7	0.75	12.1	3.1	0.0	0.33	1.30	1.00	0.76	2d8/25 L=267	2,15,15
		387.4	0.74	6.0	11.8	0.0	0.29	1.58	1.06	5.50	2d8/20 L=60	2,15,7
M_T= 15 Z=250.0 P=21 P=23												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
85	NV,NV	0.0	0.31	3.1	4.6	0.0	0.08	0.52	1.63	1.92	2d8/20 L=161	2,31,10
	s=2,m=52	176.5	0.31	3.1	4.6	0.0	0.10	2.52	1.66	2.05	2d8/20 L=161	16,31,10
86	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	1.99	0.61	0.59	2d8/20 L=45	16,21,5
	s=2,m=52	265.0	0.62	9.2	3.1	0.0	0.19	0.45	0.40	0.43	2d8/25 L=410	16,21,5
		530.1	0.62	3.1	9.2	0.0	0.19	1.47	0.61	0.59	2d8/20 L=45	16,21,5
87	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.48	1.23	1.72	2d8/20 L=45	5,31,22
	s=2,m=52	177.4	0.41	4.6	6.2	0.0	0.11	0.57	1.13	1.63	2d8/25 L=235	19,31,29
		354.9	0.62	3.1	9.2	0.0	0.19	2.96	1.23	1.72	2d8/20 L=45	19,31,22
M_T= 16 Z=250.0 P=25 P=27												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
88	NV,ok	0.0	0.33	4.6	4.9	0.0	0.10	2.14	1.00	0.83	2d8/20 L=45	16,28,21
	s=2,m=52	272.5	0.41	6.2	2.3	0.0	0.13	0.71	1.00	0.47	2d8/25 L=425	2,21,21
		545.0	0.46	4.6	6.9	0.0	0.11	0.91	1.00	1.00	2d8/20 L=45	13,23,21
89	NV,ok	0.0	0.33	4.6	4.9	0.0	0.10	1.63	0.81	0.59	2d8/20 L=45	13,31,5
	s=2,m=52	170.1	0.41	6.2	2.3	0.0	0.08	3.96	0.74	0.64	2d8/25 L=220	13,31,5
		340.2	0.46	4.6	6.9	0.0	0.11	3.50	0.90	0.67	2d8/20 L=45	13,2,5
90	NV,NV	0.0	0.41	6.2	2.3	0.0	0.08	16.50	2.39	3.47	2d8/20 L=156	6,21,2
	s=2,m=52	171.4	0.41	6.2	2.3	0.0	0.13	0.70	2.37	2.92	2d8/20 L=156	2,21,2
M_T= 17 Z=250.0 N=87 N=95												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
94	NV,NV	0.0	0.64	6.0	10.2	0.0	0.26	1.05	1.00	1.48	2d8/20 L=60	27,22,8
	s=21,m=52	180.0	0.75	12.1	3.1	0.0	0.33	0.35	1.00	1.03	2d8/25 L=240	21,12,8
		360.0	0.74	6.0	11.8	0.0	0.29	1.14	1.00	1.51	2d8/20 L=60	26,19,8
M_T= 18 Z=250.0 N=80 N=96												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
95	NV,NV	0.0	0.50	4.6	8.0	0.0	0.24	1.09	0.81	0.85	2d8/20 L=60	36,18,5
	s=21,m=52	180.7	0.58	9.2	3.1	0.0	0.27	0.29	0.73	0.74	2d8/25 L=241	30,18,5
		361.3	0.73	4.6	11.7	0.0	0.30	0.95	0.86	1.01	2d8/20 L=60	36,18,5
M_T= 19 Z=250.0 P=28 P=30												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
101	NV,NV	0.0	0.31	3.1	4.6	0.0	0.10	0.18	1.87	2.41	2d8/20 L=125	18,33,5
	s=2,m=52	140.3	0.31	3.1	4.6	0.0	0.10	1.33	1.87	2.40	2d8/20 L=125	2,33,5
96	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	2.94	0.83	0.79	2d8/20 L=39	14,24,5
	s=2,m=52	236.5	0.51	7.7	3.1	0.0	0.15	0.83	0.48	0.49	2d8/25 L=353	15,24,5
		473.0	0.62	3.1	9.2	0.0	0.19	1.12	0.87	0.84	2d8/20 L=45	14,24,5
97	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.38	1.00	1.02	2d8/20 L=45	17,33,30
	s=2,m=52	177.5	0.31	4.6	3.1	0.0	0.10	1.79	0.82	0.65	2d8/25 L=235	13,30,5
		355.0	0.62	3.1	9.2	0.0	0.19	4.43	1.00	1.02	2d8/20 L=45	16,32,30
M_T= 20 Z=250.0 P=32 P=34												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
98	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	4.33	1.00	1.62	2d8/20 L=45	14,16,24
	s=2,m=52	177.5	0.31	4.6	3.1	0.0	0.10	1.37	0.84	0.65	2d8/25 L=235	15,24,5

		355.0	0.62	3.1	9.2	0.0	0.19	1.39	1.00	1.62	2d8/20 L=45	14,16,24
99	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.34	1.00	1.30	2d8/20 L=45	20,7,2
	s=2,m=52	236.5	0.51	7.7	3.1	0.0	0.15	0.98	0.49	0.51	2d8/25 L=353	16,31,5
		473.0	0.62	3.1	9.2	0.0	0.19	2.65	0.94	0.93	2d8/20 L=39	16,30,5
100	NV,NV	0.0	0.31	3.1	4.6	0.0	0.10	1.34	2.00	2.49	2d8/20 L=120	2,27,7
	s=2,m=52	135.1	0.31	3.1	4.6	0.0	0.10	0.35	2.00	2.49	2d8/20 L=120	8,27,7
M_T= 21 Z=250.0 P=28 P=35												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
102	NV,ok	0.0	0.51	2.3	7.6	0.0	0.17	10.11	0.85	0.50	2d8/20 L=35	33,11,5
	s=2,m=52	227.8	0.30	4.5	2.3	0.0	0.10	0.54	0.71	0.42	2d8/25 L=336	29,11,5
		455.5	0.45	2.3	6.8	0.0	0.14	8.59	0.84	0.49	2d8/20 L=40	30,11,5
M_T= 22 Z=250.0 P=34 P=40												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
106	NV,ok	0.0	0.51	2.3	7.6	0.0	0.17	9.68	0.82	0.52	2d8/20 L=40	24,8,5
	s=2,m=52	227.8	0.30	4.5	2.3	0.0	0.10	0.58	0.66	0.41	2d8/25 L=336	23,8,5
		455.5	0.45	2.3	6.8	0.0	0.14	10.98	0.78	0.47	2d8/20 L=35	27,8,5
M_T= 23 Z=250.0 P=35 P=37												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
107	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	3.69	1.00	1.52	2d8/20 L=40	17,34,35
	s=2,m=52	177.5	0.51	7.7	3.1	0.0	0.15	1.27	1.00	0.77	2d8/25 L=235	20,33,35
		355.0	0.62	3.1	9.2	0.0	0.19	1.36	1.00	1.99	2d8/20 L=45	20,29,35
108	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.73	1.00	1.68	2d8/20 L=45	14,31,32
	s=2,m=52	177.5	0.51	7.7	6.2	0.0	0.11	0.71	1.00	0.71	2d8/25 L=235	15,33,32
		355.0	0.51	3.1	7.7	0.0	0.15	3.63	1.00	1.37	2d8/20 L=45	15,33,32
M_T= 24 Z=250.0 P=39 P=41												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
109	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	4.44	0.87	0.65	2d8/20 L=45	13,24,5
	s=2,m=52	177.5	0.51	7.7	3.1	0.0	0.15	1.46	0.76	0.65	2d8/25 L=235	20,24,5
		355.0	0.62	3.1	9.2	0.0	0.19	1.84	0.93	0.72	2d8/20 L=45	20,24,5
110	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	1.85	1.00	0.77	2d8/20 L=45	14,28,21
	s=2,m=52	177.5	0.51	7.7	6.2	0.0	0.11	0.68	0.87	0.66	2d8/25 L=235	14,21,5
		355.0	0.51	3.1	7.7	0.0	0.15	4.30	0.99	0.66	2d8/20 L=40	15,21,5
M_T= 25 Z=250.0 P=35 P=49												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
124	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	11.55	0.64	0.48	2d8/20 L=40	30,5,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.48	0.54	0.45	2d8/25 L=232	30,5,5
		352.0	0.38	2.3	5.7	0.0	0.12	8.42	0.65	0.49	2d8/20 L=40	31,5,5
114	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	9.50	0.65	0.48	2d8/20 L=40	30,26,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.12	0.62	0.55	2d8/25 L=232	31,26,5
		352.0	0.51	2.3	7.6	0.0	0.17	7.33	0.74	0.58	2d8/20 L=35	31,26,5
M_T= 26 Z=250.0 P=40 P=52												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
115	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	7.26	0.67	0.50	2d8/20 L=35	21,27,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.13	0.63	0.56	2d8/25 L=232	21,27,5
		352.0	0.51	2.3	7.6	0.0	0.17	10.41	0.74	0.57	2d8/20 L=40	24,27,5
127	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	8.37	0.65	0.49	2d8/20 L=40	21,11,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.49	0.53	0.45	2d8/25 L=232	31,11,5
		352.0	0.38	2.3	5.7	0.0	0.12	12.03	0.64	0.48	2d8/20 L=40	24,11,5
M_T= 27 Z=250.0 N=104 N=106												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
116	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	1.58	0.96	0.52	2d8/20 L=60	14,33,5
	s=2,m=52	198.2	0.41	6.2	3.1	0.0	0.12	0.14	0.94	0.62	2d8/25 L=276	16,33,5
		396.4	0.72	3.1	10.8	0.0	0.24	1.41	1.00	0.66	2d8/20 L=45	15,36,33
117	NV,ok	0.0	0.72	3.1	10.8	0.0	0.24	1.62	1.00	0.65	2d8/20 L=45	17,27,27
	s=2,m=52	198.3	0.41	6.2	3.1	0.0	0.12	0.16	0.93	0.62	2d8/25 L=277	18,27,5
		396.6	0.51	3.1	7.7	0.0	0.15	1.42	0.95	0.52	2d8/20 L=60	20,27,5
M_T= 28 Z=250.0 P=43 P=47												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
120	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	3.89	1.00	0.77	2d8/20 L=43	17,32,36
	s=2,m=52	225.2	0.41	6.2	3.1	0.0	0.12	0.97	0.78	0.50	2d8/25 L=330	17,36,5
		450.4	0.62	3.1	9.2	0.0	0.19	1.38	1.00	1.10	2d8/20 L=43	17,12,36
121	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.30	1.00	1.27	2d8/20 L=43	15,22,30
	s=2,m=52	225.2	0.41	6.2	3.1	0.0	0.12	0.93	0.88	0.50	2d8/25 L=330	15,30,5
		450.4	0.41	3.1	6.2	0.0	0.12	3.54	1.00	0.87	2d8/20 L=43	15,30,30
M_T= 29 Z=250.0 P=45 P=48												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
122	NV,NV	0.0	0.40	3.1	6.0	0.0	0.12	3.67	1.00	0.88	2d8/20 L=43	17,22,24
	s=2,m=52	225.1	0.41	6.2	3.1	0.0	0.12	0.94	0.89	0.50	2d8/25 L=330	17,24,5
		450.3	0.62	3.1	9.2	0.0	0.19	1.32	1.00	1.29	2d8/20 L=43	17,26,24
123	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.38	1.00	1.09	2d8/20 L=43	15,30,26
	s=2,m=52	225.1	0.41	6.2	3.1	0.0	0.12	0.96	0.78	0.50	2d8/25 L=330	15,26,5
		450.3	0.41	3.1	6.2	0.0	0.12	3.82	1.00	0.76	2d8/20 L=43	15,26,26
M_T= 30 Z=250.0 P=49 P=54												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
128	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	6.49	0.81	0.60	2d8/20 L=44	17,32,5
	s=2,m=52	187.4	0.36	5.3	2.3	0.0	0.12	0.41	0.60	0.46	2d8/25 L=255	2,32,5

		374.9	0.38	3.1	5.7	0.0	0.11	6.04	0.84	0.64	2d8/20 L=38	20,32,5
132	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	6.20	0.81	0.67	2d8/20 L=38	14,8,5
	s=2,m=52	179.3	0.28	4.2	2.3	0.0	0.10	0.39	0.56	0.48	2d8/25 L=239	30,8,5
		358.6	0.38	3.1	5.7	0.0	0.11	6.06	0.81	0.67	2d8/20 L=39	20,8,5
129	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	5.53	0.93	0.64	2d8/20 L=37	14,30,5
	s=2,m=52	187.3	0.36	5.3	2.3	0.0	0.12	0.42	0.70	0.46	2d8/25 L=255	2,30,5
		374.6	0.38	3.1	5.7	0.0	0.11	6.57	0.90	0.60	2d8/20 L=44	15,30,5
M_T= 31 Z=250.0 P=51 P=56												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
130	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	7.46	0.92	0.61	2d8/20 L=44	17,24,5
	s=2,m=52	187.6	0.36	5.3	2.3	0.0	0.12	0.41	0.72	0.47	2d8/25 L=255	2,24,5
		375.1	0.38	3.1	5.7	0.0	0.11	6.00	0.95	0.64	2d8/20 L=33	20,24,5
133	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	6.56	0.80	0.67	2d8/20 L=33	14,11,5
	s=2,m=52	179.1	0.28	4.2	2.3	0.0	0.10	0.50	0.56	0.49	2d8/25 L=238	26,11,5
		358.1	0.38	3.1	5.7	0.0	0.11	7.23	0.80	0.67	2d8/20 L=39	20,11,5
131	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	5.56	0.85	0.64	2d8/20 L=37	14,36,5
	s=2,m=52	187.4	0.36	5.3	2.3	0.0	0.12	0.41	0.61	0.46	2d8/25 L=255	2,36,5
		374.9	0.38	3.1	5.7	0.0	0.11	7.05	0.81	0.60	2d8/20 L=44	15,36,5
M_T= 32 Z=610.0 P=1 P=6												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
174	NV,NV	0.0	0.31	4.6	4.5	0.0	0.09	3.96	1.00	1.04	2d8/20 L=44	10,36,36
	s=2,m=52	176.6	0.41	6.2	2.3	0.0	0.13	0.25	1.00	0.93	2d8/25 L=233	33,32,36
		353.3	0.38	4.6	5.7	0.0	0.10	3.48	1.00	1.08	2d8/20 L=38	10,34,36
170	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	4.76	0.65	0.47	2d8/20 L=38	5,14,5
	s=2,m=52	167.0	0.30	3.4	4.5	0.0	0.10	1.01	0.62	0.55	2d8/25 L=214	31,14,5
		334.0	0.38	3.4	5.7	0.0	0.11	5.06	0.65	0.47	2d8/20 L=37	11,14,5
176	NV,NV	0.0	0.38	3.4	5.7	0.0	0.11	3.94	1.00	0.90	2d8/20 L=39	5,32,30
	s=2,m=52	176.1	0.41	6.2	2.3	0.0	0.13	0.24	1.00	0.80	2d8/25 L=232	31,33,30
		352.2	0.31	4.6	4.5	0.0	0.09	4.06	1.00	0.73	2d8/20 L=44	8,31,30
M_T= 33 Z=610.0 P=2 P=8												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
177	NV,NV	0.0	0.31	4.6	4.5	0.0	0.09	3.68	1.00	0.93	2d8/20 L=44	10,23,24
	s=2,m=52	176.1	0.41	6.2	2.3	0.0	0.13	0.21	1.00	0.85	2d8/25 L=232	21,28,24
		352.2	0.38	4.6	5.7	0.0	0.10	3.14	1.00	0.96	2d8/20 L=38	10,8,24
171	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	5.16	0.64	0.47	2d8/20 L=38	5,15,5
	s=2,m=52	167.0	0.30	3.4	4.5	0.0	0.10	1.13	0.61	0.55	2d8/25 L=214	21,15,5
		334.0	0.38	3.4	5.7	0.0	0.11	4.94	0.64	0.47	2d8/20 L=37	11,15,5
175	NV,NV	0.0	0.38	3.4	5.7	0.0	0.11	4.50	1.00	1.16	2d8/20 L=39	5,30,24
	s=2,m=52	176.6	0.41	6.2	2.3	0.0	0.13	0.24	1.00	0.97	2d8/25 L=233	27,30,24
		353.2	0.31	4.6	4.5	0.0	0.09	3.92	1.00	0.89	2d8/20 L=44	8,26,24
M_T= 34 Z=610.0 P=6 P=18												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
172	ok,ok	0.0	0.31	3.1	4.6	0.0	0.10	0.63	0.47	0.50	2d8/20 L=140	2,13,5
	s=2,m=52	160.0	0.31	3.1	4.6	0.0	0.10	0.0	0.25	0.25	2d8/20 L=140	0,18,5
178	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	94.46	1.00	1.11	2d8/20 L=35	30,13,17
	s=2,m=52	202.0	0.41	6.2	3.1	0.0	0.12	1.02	0.58	0.35	2d8/25 L=284	30,17,5
		403.9	0.41	3.1	6.2	0.0	0.12	5.78	1.00	0.86	2d8/20 L=40	30,9,17
182	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	6.10	1.00	1.39	2d8/20 L=32	30,5,10
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.90	1.00	0.40	2d8/25 L=350	30,5,10
		469.9	0.41	3.1	6.2	0.0	0.12	-343.17	1.00	1.42	2d8/20 L=35	34,5,10
M_T= 35 Z=610.0 P=7 P=19												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
173	ok,ok	0.0	0.31	3.1	4.6	0.0	0.10	0.0	0.79	0.90	2d8/20 L=140	0,19,5
	s=2,m=52	160.0	0.31	3.1	4.6	0.0	0.10	0.73	0.80	0.90	2d8/20 L=140	21,19,5
179	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	5.33	1.00	1.29	2d8/20 L=40	24,20,15
	s=2,m=52	201.9	0.41	6.2	3.1	0.0	0.12	0.98	0.62	0.45	2d8/25 L=284	2,15,5
		403.9	0.41	3.1	6.2	0.0	0.12	32.08	1.00	1.29	2d8/20 L=31	24,20,15
183	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	4.67	1.00	1.62	2d8/20 L=32	24,20,11
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.85	1.00	0.43	2d8/25 L=350	8,11,11
		470.0	0.41	3.1	6.2	0.0	0.12	17.90	1.00	1.69	2d8/20 L=35	24,27,11
M_T= 36 Z=610.0 P=5 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
180	NV,ok	0.0	0.38	4.6	6.9	0.0	0.09	2.46	0.89	0.78	2d8/20 L=40	36,20,5
	s=4,m=52	289.5	0.43	7.7	2.3	0.0	0.14	0.80	0.53	0.46	2d8/25 L=459	2,20,5
		579.0	0.52	4.6	9.4	0.0	0.12	1.62	0.92	0.81	2d8/20 L=40	33,20,5
M_T= 37 Z=610.0 P=8 P=14												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
181	NV,ok	0.0	0.38	4.6	6.9	0.0	0.09	2.13	0.83	0.75	2d8/20 L=40	27,26,5
	s=4,m=52	289.8	0.43	7.7	2.3	0.0	0.14	0.79	0.48	0.44	2d8/25 L=460	2,26,5
		579.6	0.52	4.6	9.4	0.0	0.12	2.12	0.91	0.85	2d8/20 L=40	27,26,5
M_T= 38 Z=610.0 P=13 P=16												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
184	NV,NV	0.0	0.52	3.4	9.4	0.0	0.16	6.09	1.17	2.30	2d8/20 L=35	36,8,7
	s=4,m=52	155.6	0.35	3.4	6.3	0.0	0.10	1.61	1.02	2.12	2d8/25 L=191	20,8,8
		311.1	0.47	3.4	8.5	0.0	0.13	7.78	1.14	2.18	2d8/20 L=35	11,8,7
M_T= 39 Z=610.0 P=14 P=20												

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
185	NV,NV	0.0	0.52	3.4	9.4	0.0	0.16	4.34	1.14	2.29	2d8/20 L=35	5,5,5
	s=4,m=52	155.3	0.35	3.4	6.3	0.0	0.10	1.93	1.00	1.94	2d8/25 L=191	26,5,5
		310.6	0.47	3.4	8.5	0.0	0.13	8.86	1.11	2.20	2d8/20 L=35	26,5,5
M_T= 40 Z=610.0 P=16 P=18												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
186	ok,NV	0.0	0.46	3.1	6.9	0.0	0.13	0.51	2.28	3.08	2d8/20 L=124	30,30,5
	s=2,m=52	139.6	0.46	3.1	6.9	0.0	0.13	0.92	2.28	3.08	2d8/20 L=124	2,30,5
188	NV,ok	0.0	0.50	12.1	8.4	0.0	0.08	1.94	0.84	0.41	4d8/20 L=39	8,24,5
	s=5,m=52	413.9	0.69	16.7	2.3	0.0	0.28	0.53	0.49	0.25	4d8/25 L=708	2,24,5
		827.8	0.50	12.1	10.9	0.0	0.07	1.27	0.87	0.43	4d8/20 L=45	5,24,5
M_T= 41 Z=610.0 P=19 P=20												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
189	NV,ok	0.0	0.50	12.1	8.4	0.0	0.08	1.26	0.85	0.41	4d8/20 L=45	11,21,5
	s=5,m=52	414.0	0.69	16.7	2.3	0.0	0.28	0.58	0.50	0.25	4d8/25 L=708	2,21,5
		828.0	0.50	12.1	10.9	0.0	0.07	1.30	0.88	0.43	4d8/20 L=39	5,21,5
187	ok,NV	0.0	0.46	3.1	6.9	0.0	0.13	0.89	2.32	3.15	2d8/20 L=120	2,24,6
	s=2,m=52	135.5	0.46	3.1	6.9	0.0	0.13	0.45	2.32	3.16	2d8/20 L=120	24,24,6
M_T= 42 Z=610.0 N=135 N=146												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
190	NV,ok	0.0	0.37	4.0	13.3	0.0	0.16	0.66	0.23	0.67	2d8/20 L=60	31,32,5
	s=14,m=52	363.0	0.42	15.1	3.1	0.0	0.18	0.38	0.16	0.42	2d8/25 L=606	1,32,5
		726.0	0.37	4.0	13.3	0.0	0.16	0.55	0.23	0.68	2d8/20 L=60	36,32,5
M_T= 43 Z=610.0 N=136 N=145												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
191	NV,ok	0.0	0.37	4.0	13.3	0.0	0.16	0.68	0.24	0.68	2d8/20 L=60	21,21,5
	s=14,m=52	360.6	0.42	15.1	3.1	0.0	0.18	0.38	0.17	0.43	2d8/25 L=601	2,21,5
		721.2	0.37	4.0	13.3	0.0	0.16	0.55	0.24	0.67	2d8/20 L=60	24,21,5
M_T= 44 Z=610.0 P=28 P=30												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
195	ok,NV	0.0	0.46	3.1	6.9	0.0	0.13	0.58	2.57	3.06	2d8/20 L=125	33,31,5
	s=2,m=52	140.3	0.46	3.1	6.9	0.0	0.13	0.94	2.57	3.06	2d8/20 L=125	2,31,5
192	NV,ok	0.0	0.50	12.1	8.4	0.0	0.08	1.92	0.85	0.41	4d8/20 L=39	20,32,5
	s=5,m=52	414.0	0.69	16.7	2.3	0.0	0.28	0.56	0.50	0.25	4d8/25 L=708	2,32,5
		828.0	0.50	12.1	10.9	0.0	0.07	1.33	0.89	0.43	4d8/20 L=45	14,32,5
M_T= 45 Z=610.0 P=32 P=34												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
193	NV,ok	0.0	0.50	12.1	8.4	0.0	0.08	1.72	0.86	0.41	4d8/20 L=45	15,22,5
	s=5,m=52	414.0	0.69	16.7	2.3	0.0	0.28	0.55	0.51	0.25	4d8/25 L=708	2,22,5
		828.0	0.50	12.1	10.9	0.0	0.07	1.50	0.90	0.43	4d8/20 L=39	14,22,5
194	ok,NV	0.0	0.46	2.3	6.9	0.0	0.15	0.86	2.58	2.93	2d8/20 L=120	2,21,5
	s=2,m=52	135.1	0.46	2.3	6.9	0.0	0.15	0.89	2.58	2.94	2d8/20 L=120	27,21,5
M_T= 46 Z=610.0 P=28 P=35												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
196	NV,NV	0.0	0.41	4.6	6.2	0.0	0.11	4.19	1.00	1.26	2d8/20 L=35	36,15,20
	s=2,m=52	227.8	0.41	6.2	3.1	0.0	0.12	0.74	1.00	0.53	2d8/25 L=336	19,20,20
		455.5	0.51	4.6	7.7	0.0	0.12	3.27	1.00	1.40	2d8/20 L=40	36,30,20
M_T= 47 Z=610.0 P=30 P=50												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
197	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	7.95	1.03	1.98	2d8/20 L=35	33,14,14
	s=2,m=52	220.0	0.31	4.6	3.1	0.0	0.10	0.99	1.00	0.58	2d8/25 L=320	17,10,14
		440.0	0.41	3.1	6.2	0.0	0.12	3.60	1.00	1.64	2d8/20 L=35	33,14,14
201	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	14.84	0.94	0.81	2d8/20 L=32	31,10,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.85	0.67	0.62	2d8/25 L=232	33,10,5
		352.0	0.51	3.1	7.7	0.0	0.15	2.74	0.95	0.82	2d8/20 L=40	33,10,5
205	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	143.70	0.99	0.78	2d8/20 L=40	31,14,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.88	0.73	0.59	2d8/25 L=232	31,14,5
		352.0	0.51	3.1	7.7	0.0	0.15	2.70	1.00	0.94	2d8/20 L=40	33,17,14
M_T= 48 Z=610.0 P=32 P=51												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
198	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	8.67	1.02	1.98	2d8/20 L=35	27,20,16
	s=2,m=52	220.0	0.31	4.6	3.1	0.0	0.10	1.11	1.00	0.57	2d8/25 L=320	15,19,20
		440.0	0.41	3.1	6.2	0.0	0.12	3.66	1.00	1.54	2d8/20 L=35	27,7,20
202	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	2.73	0.95	0.82	2d8/20 L=40	27,8,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.85	0.67	0.62	2d8/25 L=232	27,8,5
		352.0	0.51	3.1	7.7	0.0	0.15	14.82	0.94	0.81	2d8/20 L=32	21,8,5
206	NV,ok	0.0	0.21	3.1	3.1	0.0	0.08	216.01	0.97	0.66	2d8/20 L=40	25,20,5
	s=2,m=52	176.0	0.31	4.6	4.6	0.0	0.09	0.88	0.65	0.36	2d8/25 L=232	21,20,5
		352.0	0.21	3.1	3.1	0.0	0.08	112.04	0.96	0.64	2d8/20 L=40	25,20,5
M_T= 49 Z=610.0 P=34 P=40												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
199	NV,NV	0.0	0.41	4.6	6.2	0.0	0.11	3.59	1.00	1.22	2d8/20 L=40	26,26,14
	s=2,m=52	227.8	0.41	6.2	3.1	0.0	0.12	0.79	1.00	0.52	2d8/25 L=336	17,14,14
		455.5	0.51	4.6	7.7	0.0	0.12	3.20	1.00	1.47	2d8/20 L=35	26,13,14
M_T= 50 Z=610.0 P=35 P=49												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb

204	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	3.44	1.00	1.05	2d8/20 L=40	30,20,20
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.58	0.81	0.59	2d8/25 L=232	2,20,5
		352.0	0.41	3.1	6.2	0.0	0.12	4.09	1.00	0.86	2d8/20 L=40	31,15,20
200	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	3.08	0.85	0.82	2d8/20 L=40	30,24,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.32	0.57	0.61	2d8/25 L=232	20,24,5
		352.0	0.51	3.1	7.7	0.0	0.15	2.72	0.84	0.80	2d8/20 L=35	31,24,5
M_T= 51 Z=610.0 P=40 P=52												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
203	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	2.29	0.84	0.80	2d8/20 L=35	24,5,5
	s=2,m=52	176.0	0.41	6.2	3.1	0.0	0.12	0.24	0.62	0.69	2d8/25 L=232	14,5,5
		352.0	0.51	4.6	7.7	0.0	0.12	2.05	0.91	0.89	2d8/20 L=40	24,5,5
207	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	4.06	1.00	1.00	2d8/20 L=40	21,10,14
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.58	0.81	0.60	2d8/25 L=232	20,14,5
		352.0	0.41	3.1	6.2	0.0	0.12	3.46	1.00	0.89	2d8/20 L=40	24,18,14
M_T= 52 Z=610.0 P=49 P=54												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
208	NV,ok	0.0	0.31	4.6	4.5	0.0	0.09	3.33	1.00	0.92	2d8/20 L=44	17,21,31
	s=2,m=52	187.4	0.41	6.2	2.3	0.0	0.13	0.31	1.00	0.67	2d8/25 L=255	30,23,31
		374.9	0.38	4.6	5.7	0.0	0.10	3.07	1.00	0.87	2d8/20 L=38	17,31,31
212	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	4.32	0.67	0.44	2d8/20 L=38	14,10,5
	s=2,m=52	179.3	0.30	3.4	4.5	0.0	0.10	1.32	0.64	0.50	2d8/25 L=239	30,10,5
		358.6	0.38	3.4	5.7	0.0	0.11	4.16	0.67	0.44	2d8/20 L=39	20,10,5
209	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	3.15	1.00	0.82	2d8/20 L=37	14,30,33
	s=2,m=52	187.3	0.41	6.2	2.3	0.0	0.13	0.14	1.00	0.83	2d8/25 L=255	36,31,33
		374.6	0.31	4.6	4.5	0.0	0.09	3.48	1.00	0.62	2d8/20 L=44	15,29,33
M_T= 53 Z=610.0 P=51 P=56												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
210	NV,NV	0.0	0.31	4.6	4.5	0.0	0.09	3.75	1.00	0.81	2d8/20 L=44	17,29,23
	s=2,m=52	187.6	0.41	6.2	2.3	0.0	0.13	0.91	1.00	0.89	2d8/25 L=255	17,28,23
		375.1	0.38	4.6	5.7	0.0	0.10	3.94	1.00	0.88	2d8/20 L=33	17,22,23
213	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	5.88	0.66	0.45	2d8/20 L=33	14,11,5
	s=2,m=52	179.1	0.30	3.4	4.5	0.0	0.10	1.99	0.62	0.51	2d8/25 L=238	26,11,5
		358.1	0.38	3.4	5.7	0.0	0.11	4.43	0.66	0.45	2d8/20 L=39	20,11,5
211	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	3.14	1.00	0.86	2d8/20 L=37	14,35,21
	s=2,m=52	187.4	0.41	6.2	2.3	0.0	0.13	0.33	1.00	0.66	2d8/25 L=255	16,23,21
		374.9	0.31	4.6	4.5	0.0	0.09	3.23	1.00	0.78	2d8/20 L=44	15,31,21
M_T= 54 Z=757.1 P=12 P=50												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
259	NV,ok	0.0	0.41	6.2	3.1	0.0	0.08	3.04	0.82	0.68	2d8/20 L=37	25,11,5
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.53	0.62	0.56	2d8/25 L=350	2,11,5
		469.9	0.51	6.2	7.7	0.0	0.11	0.97	0.95	0.83	2d8/20 L=40	2,11,5
261	NV,ok	0.0	0.26	6.2	6.2	0.0	0.06	1.22	0.57	0.40	4d8/25 L=40	2,7,5
	s=5,m=52	325.0	0.26	6.2	6.2	0.0	0.06	1.00	0.27	0.14	4d8/20 L=530	2,7,5
		650.0	0.26	6.2	6.2	0.0	0.06	1.11	0.57	0.40	4d8/25 L=40	2,7,5
263	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.12	0.89	0.73	2d8/20 L=40	2,14,5
	s=2,m=52	220.0	0.41	4.6	6.2	0.0	0.09	0.58	0.59	0.47	2d8/25 L=320	20,14,5
		440.0	0.41	4.6	6.2	0.0	0.11	1.20	0.89	0.73	2d8/20 L=40	36,14,5
256	ok,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.32	0.88	0.66	2d8/20 L=178	10,14,5
	s=2,m=52	200.0	0.41	4.6	6.2	0.0	0.11	0.57	0.82	0.60	2d8/20 L=178	36,14,5
236	NV,ok	0.0	0.41	6.2	6.2	0.0	0.10	8.54	0.88	0.60	2d8/20 L=148	32,14,5
	s=2,m=52	167.3	0.41	6.2	6.2	0.0	0.10	5.37	0.90	0.64	2d8/20 L=148	32,14,5
216	NV,ok	0.0	0.31	4.6	4.6	0.0	0.09	7.58	0.89	0.44	2d8/20 L=323	30,15,5
	s=2,m=52	362.1	0.31	4.6	4.6	0.0	0.09	13.00	0.89	0.44	2d8/20 L=323	30,15,5
M_T= 55 Z=757.1 P=11 P=51												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
217	NV,ok	0.0	0.31	4.6	4.6	0.0	0.09	78.31	0.78	0.44	2d8/20 L=323	22,17,5
	s=2,m=52	362.1	0.31	4.6	4.6	0.0	0.09	86.99	0.78	0.44	2d8/20 L=323	22,17,5
237	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.32	0.85	0.57	2d8/20 L=148	26,20,5
	s=2,m=52	167.3	0.41	4.6	6.2	0.0	0.11	4.53	0.82	0.54	2d8/20 L=148	32,20,5
257	ok,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.55	0.77	0.54	2d8/20 L=178	26,20,5
	s=2,m=52	200.0	0.41	4.6	6.2	0.0	0.11	0.31	0.88	0.66	2d8/20 L=178	8,20,5
264	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.10	0.89	0.73	2d8/20 L=40	2,20,5
	s=2,m=52	220.0	0.41	4.6	6.2	0.0	0.09	0.53	0.58	0.47	2d8/25 L=320	14,20,5
		440.0	0.41	4.6	6.2	0.0	0.11	1.15	0.89	0.73	2d8/20 L=40	26,20,5
262	NV,ok	0.0	0.50	12.1	3.1	0.0	0.05	4.58	0.62	0.35	4d8/20 L=40	14,11,5
	s=5,m=52	325.0	0.50	12.1	3.1	0.0	0.17	0.41	0.32	0.22	4d8/25 L=530	2,11,5
		650.0	0.50	12.1	3.1	0.0	0.05	4.76	0.62	0.35	4d8/20 L=40	14,11,5
260	NV,ok	0.0	0.41	6.2	3.1	0.0	0.08	2.93	0.82	0.68	2d8/20 L=37	35,6,5
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.50	0.61	0.56	2d8/25 L=350	2,6,5
		470.0	0.51	6.2	7.7	0.0	0.11	0.92	0.94	0.83	2d8/20 L=40	2,6,5
M_T= 56 Z=760.7 P=35 P=49												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
220	NV,NV	0.0	0.41	4.6	6.2	0.0	0.11	2.57	1.00	1.01	2d8/20 L=42	30,20,17
	s=2,m=52	193.1	0.41	6.2	3.1	0.0	0.12	0.97	1.00	0.63	2d8/25 L=266	30,17,17
		386.2	0.31	4.6	4.6	0.0	0.09	1.53	1.00	0.80	2d8/20 L=46	30,5,17
265	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.65	0.80	0.70	2d8/20 L=46	36,17,5

s=2,m=52		186.9	0.41	6.2	3.1	0.0	0.12	0.16	0.70	0.71	2d8/25 L=254	1,17,5
		373.8	0.62	4.6	9.2	0.0	0.15	0.52	0.90	0.81	2d8/20 L=37	31,17,5
M_T= 57 Z=907.9 P=6 P=50												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
221	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	0.60	1.00	0.67	2d8/20 L=46	30,20,15
s=2,m=52		193.1	0.31	4.6	3.1	0.0	0.10	0.68	1.00	0.54	2d8/25 L=266	36,15,15
		386.2	0.51	3.1	7.7	0.0	0.15	1.56	1.00	0.81	2d8/20 L=42	36,19,15
266	NV,NV	0.0	0.31	3.1	4.6	0.0	0.10	1.23	0.82	0.78	2d8/20 L=38	17,12,5
s=2,m=52		186.9	0.31	4.6	3.1	0.0	0.10	0.40	0.67	0.74	2d8/25 L=254	22,12,5
		373.8	0.78	3.1	11.7	0.0	0.27	0.41	1.00	1.06	2d8/20 L=46	36,12,12
288	NV,NV	0.0	0.67	10.1	6.2	0.0	0.09	0.88	0.91	0.88	2d8/20 L=41	30,20,5
s=2,m=52		230.3	0.67	10.1	3.1	0.0	0.22	0.26	0.71	0.78	2d8/25 L=341	33,15,5
		460.7	0.67	10.1	9.1	0.0	0.10	0.43	0.96	0.97	2d8/20 L=41	30,20,5
299	NV,NV	0.0	0.80	12.1	6.2	0.0	0.19	0.98	1.62	3.57	2d8/20 L=60	36,20,5
s=2,m=52		107.9	0.80	12.1	6.2	0.0	0.19	0.21	1.53	3.95	2d8/25 L=96	35,20,5
		215.9	0.80	12.1	6.2	0.0	0.19	1.78	1.61	3.57	2d8/20 L=41	36,20,5
301	NV,NV	0.0	0.34	12.1	6.2	0.0	0.20	2.78	0.38	1.32	2d8/20 L=236	30,30,5
s=23,m=52		235.8	0.34	12.1	6.2	0.0	0.20	2.41	0.38	1.32	2d8/20 L=236	29,30,5
297	NV,NV	0.0	0.80	12.1	6.2	0.0	0.19	1.14	1.47	3.40	2d8/20 L=208	31,27,5
s=2,m=52		226.2	0.80	12.1	6.2	0.0	0.19	0.94	1.49	3.40	2d8/20 L=208	30,27,5
286	ok,NV	0.0	0.67	10.1	9.1	0.0	0.11	0.29	0.99	1.10	2d8/20 L=60	33,31,5
s=2,m=52		320.9	0.67	10.1	3.1	0.0	0.08	0.63	0.79	1.04	2d8/25 L=243	1,31,5
272	ok,NV	0.0	0.67	10.1	3.1	0.0	0.22	0.31	1.00	3.33	2d8/25 L=110	10,5,11
s=2,m=52		191.1	0.67	10.1	6.2	0.0	0.14	0.32	1.12	3.86	2d8/20 L=60	31,11,7
226	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	0.76	1.00	0.77	2d8/20 L=42	33,20,8
s=2,m=52		223.2	0.31	4.6	3.1	0.0	0.10	1.70	1.00	0.50	2d8/25 L=326	31,8,8
		446.4	0.51	3.1	7.7	0.0	0.15	5.37	1.00	0.80	2d8/20 L=42	31,8,8
M_T= 58 Z=907.9 P=7 P=51												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
222	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	1.53	1.00	0.60	2d8/20 L=42	26,13,17
s=2,m=52		193.1	0.31	4.6	3.1	0.0	0.10	0.67	0.93	0.53	2d8/25 L=266	26,17,5
		386.2	0.51	3.1	7.7	0.0	0.15	0.48	1.00	0.69	2d8/20 L=46	24,16,17
267	NV,NV	0.0	0.31	3.1	4.6	0.0	0.10	0.80	0.80	0.78	2d8/20 L=46	24,6,5
s=2,m=52		186.9	0.31	4.6	3.1	0.0	0.10	0.40	0.67	0.74	2d8/25 L=254	12,6,5
		373.8	0.77	3.1	11.6	0.0	0.27	0.46	1.00	1.10	2d8/20 L=38	15,28,6
289	NV,NV	0.0	0.67	10.1	6.2	0.0	0.09	0.86	0.91	0.88	2d8/20 L=41	24,14,5
s=2,m=52		230.3	0.67	10.1	3.1	0.0	0.22	0.26	0.71	0.78	2d8/25 L=341	23,17,5
		460.7	0.67	10.1	9.1	0.0	0.10	0.43	0.96	0.97	2d8/20 L=41	32,14,5
298	NV,NV	0.0	0.80	12.1	6.2	0.0	0.19	0.97	1.62	3.56	2d8/20 L=197	22,14,5
s=2,m=52		216.4	0.80	12.1	6.2	0.0	0.19	1.74	1.61	3.56	2d8/20 L=197	26,14,5
300	NV,NV	0.0	0.34	12.1	6.2	0.0	0.20	2.79	0.38	1.32	2d8/20 L=235	24,24,5
s=23,m=52		235.4	0.34	12.1	6.2	0.0	0.20	2.43	0.38	1.32	2d8/20 L=235	23,24,5
296	NV,NV	0.0	0.80	12.1	6.2	0.0	0.19	1.12	1.47	3.40	2d8/20 L=208	21,25,5
s=2,m=52		226.1	0.80	12.1	6.2	0.0	0.19	0.95	1.49	3.40	2d8/20 L=208	24,25,5
287	ok,NV	0.0	0.67	10.1	9.1	0.0	0.11	0.30	0.96	1.10	2d8/20 L=60	27,21,5
s=2,m=52		321.0	0.67	10.1	3.1	0.0	0.08	0.60	0.77	1.04	2d8/25 L=243	30,5,5
271	ok,NV	0.0	0.67	10.1	3.1	0.0	0.22	0.26	1.00	2.97	2d8/25 L=110	32,9,10
s=2,m=52		191.1	0.67	10.1	6.2	0.0	0.09	0.36	1.09	3.86	2d8/20 L=60	35,10,5
227	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	3.93	1.00	0.77	2d8/20 L=42	21,18,10
s=2,m=52		223.2	0.31	4.6	3.1	0.0	0.10	1.41	1.00	0.49	2d8/25 L=326	21,10,10
		446.3	0.51	3.1	7.7	0.0	0.15	0.72	1.00	0.74	2d8/20 L=38	21,9,10
M_T= 59 Z=760.7 P=40 P=52												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
268	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.79	0.80	0.68	2d8/20 L=37	21,15,5
s=2,m=52		186.9	0.41	6.2	3.1	0.0	0.12	0.16	0.69	0.70	2d8/25 L=254	1,15,5
		373.8	0.62	4.6	9.2	0.0	0.15	0.43	0.90	0.82	2d8/20 L=46	26,15,5
223	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.99	1.00	0.97	2d8/20 L=46	24,11,15
s=2,m=52		193.1	0.41	6.2	3.1	0.0	0.12	0.97	1.00	0.65	2d8/25 L=266	24,15,15
		386.2	0.31	4.6	4.6	0.0	0.09	2.57	1.00	0.85	2d8/20 L=42	24,18,15
M_T= 60 Z=769.5 P=5 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
224	NV,ok	0.0	0.49	6.2	7.3	0.0	0.11	0.71	1.00	0.83	2d8/20 L=42	36,9,10
s=2,m=52		446.0	0.51	7.7	3.1	0.0	0.15	0.45	0.94	0.57	2d8/25 L=386	33,10,5
269	NV,ok	0.0	0.51	7.7	3.1	0.0	0.15	0.44	0.95	0.56	2d8/25 L=131	33,10,5
s=2,m=52		191.1	0.81	6.2	12.2	0.0	0.19	0.58	1.00	0.86	2d8/20 L=42	33,6,10
M_T= 61 Z=769.6 P=8 P=14												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
270	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	0.99	1.00	0.66	2d8/25 L=113	21,8,8
s=2,m=52		191.1	0.81	2.3	12.2	0.0	0.31	2.86	0.80	0.29	2d8/20 L=60	21,8,5
225	NV,ok	0.0	0.49	6.2	7.3	0.0	0.11	0.58	0.79	0.29	2d8/20 L=60	27,8,5
s=2,m=52		446.6	0.51	7.7	3.1	0.0	0.15	1.33	1.00	0.86	2d8/25 L=368	22,12,8
M_T= 62 Z=742.9 P=13 P=16												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
242	NV,NV	0.0	0.81	3.1	12.2	0.0	0.29	2.31	1.00	1.05	2d8/20 L=41	30,18,17
s=2,m=52		204.6	0.48	4.6	7.2	0.0	0.12	0.97	1.00	0.73	2d8/25 L=289	30,13,17
		409.3	0.65	3.1	9.8	0.0	0.21	0.51	1.00	0.86	2d8/20 L=41	30,13,17

		869.0	0.34	6.2	3.1	0.0	0.18	13.77	0.62	1.21	2d8/20 L=60	36,30,1
305	NV,ok	0.0	0.34	6.2	3.1	0.0	0.18	7.84	0.63	0.81	2d8/20 L=60	30,36,2
	s=22,m=52	234.6	0.34	6.2	3.1	0.0	0.20	0.29	0.50	0.41	2d8/25 L=349	36,36,5
		469.2	0.34	6.2	3.1	0.0	0.18	2.82	0.59	0.62	2d8/20 L=60	30,36,5
302	NV,ok	0.0	0.34	6.2	2.3	0.0	0.17	39.43	0.47	0.60	2d8/20 L=60	25,33,5
	s=22,m=52	234.5	0.34	6.2	2.3	0.0	0.20	0.30	0.39	0.39	2d8/25 L=349	21,33,5
		469.0	0.34	6.2	2.3	0.0	0.17	156.94	0.52	0.81	2d8/20 L=60	27,33,2
291	NV,NV	0.0	0.34	6.2	3.1	0.0	0.18	17.53	0.66	1.21	2d8/20 L=60	21,22,1
	s=22,m=52	434.6	0.34	6.2	3.1	0.0	0.20	2.91	0.42	0.28	2d8/25 L=749	21,22,5
		869.1	0.34	6.2	3.1	0.0	0.18	16.46	0.73	1.65	2d8/20 L=45	21,23,2
283	NV,NV	0.0	0.39	3.1	7.1	0.0	0.21	2.44	1.66	3.60	2d8/20 L=45	1,24,8
	s=22,m=52	69.1	0.39	3.1	7.1	0.0	0.21	0.89	1.61	3.76	2d8/25 L=18	1,24,8
		138.1	0.39	3.1	7.1	0.0	0.21	0.72	1.66	3.62	2d8/20 L=60	24,24,8
M_T= 76 Z=1003.3 P=18 P=19												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
290	NV,ok	0.0	0.56	10.1	3.1	0.0	0.19	2.16	0.20	0.55	2d8/20 L=870	2,11,5
	s=22,m=52	900.2	0.56	10.1	3.1	0.0	0.19	2.15	0.20	0.55	2d8/20 L=870	1,11,5
M_T= 77 Z=1031.3 P=30 P=32												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
295	NV,ok	0.0	0.56	10.1	3.1	0.0	0.19	2.22	0.21	0.55	2d8/20 L=870	2,22,5
	s=22,m=52	900.0	0.56	10.1	3.1	0.0	0.19	2.22	0.21	0.55	2d8/20 L=870	2,22,5
Trave												
			%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		
			0.81	18.10	15.14	0.0	0.33	216.01	2.89	5.50		

Trave	M negativo	iM positivo	iM negativo	fM positivo	fLuce per V	V M-i	M+f	V M+i	M-f	VEd,min	VEd,max	Vr1	As
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	daN	daN	cm2
57	1.344e+06	7.490e+05	1.344e+06	7.490e+05	288.48	7255.10	7255.10	0.0	0.0	0.0	0.0	0.0	0.0
58	1.344e+06	7.490e+05	1.344e+06	7.490e+05	288.49	7255.03	7255.03	0.0	0.0	0.0	0.0	0.0	0.0
59	1.344e+06	7.490e+05	1.083e+06	7.488e+05	315.08	6642.04	5815.39	0.0	0.0	0.0	0.0	0.0	0.0
60	1.344e+06	7.490e+05	1.344e+06	7.490e+05	316.15	6620.21	6620.21	0.0	0.0	0.0	0.0	0.0	0.0
61	1.083e+06	7.488e+05	1.344e+06	7.490e+05	315.15	5814.13	6640.61	0.0	0.0	0.0	0.0	0.0	0.0
62	1.083e+06	7.488e+05	1.083e+06	7.488e+05	314.03	5834.24	5834.24	0.0	0.0	0.0	0.0	0.0	0.0
63	1.344e+06	7.490e+05	1.083e+06	7.488e+05	358.92	5830.85	5105.15	0.0	0.0	0.0	0.0	0.0	0.0
64	1.344e+06	7.490e+05	1.083e+06	7.488e+05	354.72	5899.86	5165.58	0.0	0.0	0.0	0.0	0.0	0.0
65	1.873e+06	5.583e+05	2.680e+06	5.587e+05	538.99	4512.31	6008.81	0.0	0.0	0.0	0.0	0.0	0.0
66	1.178e+06	7.488e+05	1.178e+06	7.488e+05	539.59	3571.28	3571.28	0.0	0.0	0.0	0.0	0.0	0.0
67	2.150e+06	7.491e+05	2.482e+06	7.489e+05	319.18	9082.73	1.012e+04	0.0	0.0	0.0	0.0	0.0	0.0
68	2.482e+06	7.489e+05	2.482e+06	7.489e+05	413.89	7806.85	7806.85	0.0	0.0	0.0	0.0	0.0	0.0
69	2.150e+06	7.491e+05	1.809e+06	7.489e+05	414.04	7001.75	6178.80	0.0	0.0	0.0	0.0	0.0	0.0
70	1.461e+06	7.485e+05	2.150e+06	7.491e+05	390.65	5656.86	7419.96	0.0	0.0	0.0	0.0	0.0	0.0
71	2.150e+06	7.491e+05	1.809e+06	7.489e+05	375.03	7730.16	6821.59	0.0	0.0	0.0	0.0	0.0	0.0
72	1.344e+06	7.490e+05	1.344e+06	7.490e+05	416.87	5020.70	5020.70	0.0	0.0	0.0	0.0	0.0	0.0
73	1.344e+06	7.490e+05	1.344e+06	7.490e+05	416.97	5019.51	5019.51	0.0	0.0	0.0	0.0	0.0	0.0
74	2.680e+06	5.587e+05	2.031e+06	5.583e+05	261.29	1.239e+04	9911.10	0.0	0.0	0.0	0.0	0.0	0.0
75	2.680e+06	5.587e+05	2.031e+06	5.583e+05	260.79	1.242e+04	9930.00	0.0	0.0	0.0	0.0	0.0	0.0
76	1.106e+06	7.487e+05	1.106e+06	7.487e+05	124.20	1.494e+04	1.494e+04	0.0	0.0	0.0	0.0	0.0	0.0
77	1.106e+06	7.487e+05	1.106e+06	7.487e+05	120.48	1.540e+04	1.540e+04	0.0	0.0	0.0	0.0	0.0	0.0
78	2.150e+06	7.491e+05	2.150e+06	7.491e+05	437.04	6633.79	6633.79	0.0	0.0	0.0	0.0	0.0	0.0
79	2.150e+06	7.491e+05	1.809e+06	7.489e+05	324.77	8926.46	7877.29	0.0	0.0	0.0	0.0	0.0	0.0
80	2.150e+06	7.491e+05	2.150e+06	7.491e+05	375.00	7731.30	7731.30	0.0	0.0	0.0	0.0	0.0	0.0
81	9.132e+05	4.106e+05	7.902e+05	4.101e+05	391.20	3382.50	3069.51	0.0	0.0	0.0	0.0	0.0	0.0
82	8.098e+05	5.107e+05	9.174e+05	5.109e+05	387.43	3409.02	3686.26	0.0	0.0	0.0	0.0	0.0	0.0
83	1.344e+06	7.490e+05	1.344e+06	7.490e+05	299.99	6976.86	6976.86	0.0	0.0	0.0	0.0	0.0	0.0
84	1.344e+06	7.490e+05	1.344e+06	7.490e+05	300.00	6976.61	6976.61	0.0	0.0	0.0	0.0	0.0	0.0
85	1.106e+06	7.487e+05	1.106e+06	7.487e+05	161.45	1.149e+04	1.149e+04	0.0	0.0	0.0	0.0	0.0	0.0
86	1.809e+06	7.489e+05	2.150e+06	7.491e+05	500.02	5116.36	5797.80	0.0	0.0	0.0	0.0	0.0	0.0
87	2.150e+06	7.491e+05	2.150e+06	7.491e+05	324.89	8923.80	8923.80	0.0	0.0	0.0	0.0	0.0	0.0
88	1.178e+06	1.107e+06	1.627e+06	1.106e+06	515.00	4436.38	5309.00	0.0	0.0	0.0	0.0	0.0	0.0
89	1.178e+06	1.107e+06	1.627e+06	1.106e+06	310.15	7366.46	8815.42	0.0	0.0	0.0	0.0	0.0	0.0
90	5.582e+05	1.459e+06	5.582e+05	1.459e+06	156.36	1.290e+04	1.290e+04	0.0	0.0	0.0	0.0	0.0	0.0
91	1.344e+06	7.490e+05	1.344e+06	7.490e+05	269.99	7752.10	7752.10	0.0	0.0	0.0	0.0	0.0	0.0
92	2.150e+06	7.491e+05	2.150e+06	7.491e+05	280.00	1.035e+04	1.035e+04	0.0	0.0	0.0	0.0	0.0	0.0
93	1.344e+06	7.490e+05	1.344e+06	7.490e+05	270.00	7751.79	7751.79	0.0	0.0	0.0	0.0	0.0	0.0
94	8.098e+05	5.107e+05	9.174e+05	5.109e+05	359.98	3669.00	3967.38	0.0	0.0	0.0	0.0	0.0	0.0
95	6.513e+05	4.089e+05	9.132e+05	4.106e+05	361.33	2938.80	3658.82	0.0	0.0	0.0	0.0	0.0	0.0
96	2.150e+06	7.491e+05	2.150e+06	7.491e+05	437.04	6633.79	6633.79	0.0	0.0	0.0	0.0	0.0	0.0
97	2.150e+06	7.491e+05	2.150e+06	7.491e+05	325.00	8920.73	8920.73	0.0	0.0	0.0	0.0	0.0	0.0
98	2.150e+06	7.491e+05	2.150e+06	7.491e+05	325.00	8920.73	8920.73	0.0	0.0	0.0	0.0	0.0	0.0
99	2.150e+06	7.491e+05	2.150e+06	7.491e+05	437.04	6633.79	6633.79	0.0	0.0	0.0	0.0	0.0	0.0
100	1.106e+06	7.487e+05	1.106e+06	7.487e+05	119.84	1.548e+04	1.548e+04	0.0	0.0	0.0	0.0	0.0	0.0
101	1.106e+06	7.487e+05	1.106e+06	7.487e+05	125.03	1.484e+04	1.484e+04	0.0	0.0	0.0	0.0	0.0	0.0
102	1.783e+06	5.581e+05	1.602e+06	5.579e+05	410.54	5701.15	5260.67	0.0	0.0	0.0	0.0	0.0	0.0
103	1.438e+06	7.486e+05	1.344e+06	7.490e+05	390.00	5607.76	5365.53	0.0	0.0	0.0	0.0	0.0	0.0
104	1.809e+06	7.489e+05	2.150e+06	7.491e+05	410.00	6239.69	7070.76	0.0	0.0	0.0	0.0	0.0	0.0

105	1.438e+06	7.486e+05	1.344e+06	7.490e+05	390.00	5607.76	5365.53	0.0	0.0	0.0	0.0
106	1.783e+06	5.581e+05	1.602e+06	5.579e+05	410.54	5701.15	5260.67	0.0	0.0	0.0	0.0
107	1.809e+06	7.489e+05	2.150e+06	7.491e+05	320.33	7986.25	9049.94	0.0	0.0	0.0	0.0
108	2.150e+06	7.491e+05	1.809e+06	7.489e+05	325.00	8920.03	7871.61	0.0	0.0	0.0	0.0
109	1.809e+06	7.489e+05	2.150e+06	7.491e+05	324.96	7872.66	8921.21	0.0	0.0	0.0	0.0
110	2.150e+06	7.491e+05	1.809e+06	7.489e+05	320.30	9050.86	7987.07	0.0	0.0	0.0	0.0
111	5.581e+05	1.272e+06	1.438e+06	7.486e+05	178.97	7300.87	1.514e+04	0.0	0.0	0.0	0.0
112	1.461e+06	7.485e+05	1.461e+06	7.485e+05	169.99	1.300e+04	1.300e+04	0.0	0.0	0.0	0.0
113	5.581e+05	1.272e+06	1.438e+06	7.486e+05	178.97	7300.78	1.514e+04	0.0	0.0	0.0	0.0
114	1.343e+06	5.580e+05	1.783e+06	5.581e+05	307.14	6190.33	7620.71	0.0	0.0	0.0	0.0
115	1.343e+06	5.580e+05	1.783e+06	5.581e+05	307.14	6190.39	7620.79	0.0	0.0	0.0	0.0
116	1.809e+06	7.489e+05	2.482e+06	7.489e+05	381.44	6706.22	8471.00	0.0	0.0	0.0	0.0
117	2.482e+06	7.489e+05	1.809e+06	7.489e+05	381.57	8468.10	6703.92	0.0	0.0	0.0	0.0
118	1.438e+06	7.486e+05	5.581e+05	1.272e+06	124.96	2.169e+04	1.046e+04	0.0	0.0	0.0	0.0
119	1.438e+06	7.486e+05	5.581e+05	1.272e+06	124.96	2.169e+04	1.046e+04	0.0	0.0	0.0	0.0
120	1.461e+06	7.485e+05	2.150e+06	7.491e+05	416.09	5311.04	6966.35	0.0	0.0	0.0	0.0
121	2.150e+06	7.491e+05	1.461e+06	7.485e+05	416.09	6966.35	5311.04	0.0	0.0	0.0	0.0
122	1.424e+06	7.487e+05	2.150e+06	7.491e+05	415.99	5224.74	6968.39	0.0	0.0	0.0	0.0
123	2.150e+06	7.491e+05	1.461e+06	7.485e+05	415.99	6968.01	5312.31	0.0	0.0	0.0	0.0
124	1.343e+06	5.580e+05	1.343e+06	5.580e+05	311.96	6094.51	6094.51	0.0	0.0	0.0	0.0
125	1.083e+06	7.488e+05	1.438e+06	7.486e+05	311.96	5872.23	7010.00	0.0	0.0	0.0	0.0
126	1.083e+06	7.488e+05	1.438e+06	7.486e+05	311.96	5872.23	7009.99	0.0	0.0	0.0	0.0
127	1.343e+06	5.580e+05	1.343e+06	5.580e+05	311.97	6094.35	6094.35	0.0	0.0	0.0	0.0
128	1.344e+06	7.490e+05	1.344e+06	7.490e+05	337.34	6204.38	6204.38	0.0	0.0	0.0	0.0
129	1.344e+06	7.490e+05	1.344e+06	7.490e+05	335.88	6231.39	6231.39	0.0	0.0	0.0	0.0
130	1.344e+06	7.490e+05	1.344e+06	7.490e+05	332.61	6292.52	6292.52	0.0	0.0	0.0	0.0
131	1.344e+06	7.490e+05	1.344e+06	7.490e+05	336.17	6225.95	6225.95	0.0	0.0	0.0	0.0
132	1.344e+06	7.490e+05	1.344e+06	7.490e+05	315.28	6638.58	6638.58	0.0	0.0	0.0	0.0
133	1.344e+06	7.490e+05	1.344e+06	7.490e+05	309.92	6753.41	6753.41	0.0	0.0	0.0	0.0
170	1.344e+06	8.208e+05	1.344e+06	8.208e+05	288.48	7505.02	7505.02	0.0	0.0	0.0	0.0
171	1.344e+06	8.208e+05	1.344e+06	8.208e+05	288.49	7504.95	7504.95	0.0	0.0	0.0	0.0
172	1.106e+06	7.487e+05	1.106e+06	7.487e+05	523.92	4217.20	3540.61	0.0	0.0	0.0	0.0
173	1.106e+06	7.487e+05	1.106e+06	7.487e+05	139.98	1.325e+04	1.325e+04	0.0	0.0	0.0	0.0
174	1.083e+06	1.107e+06	1.345e+06	1.107e+06	315.08	6950.89	7779.91	0.0	0.0	0.0	0.0
175	1.344e+06	8.208e+05	1.083e+06	1.107e+06	316.15	7752.27	6023.40	0.0	0.0	0.0	0.0
176	1.344e+06	8.208e+05	1.083e+06	1.107e+06	315.15	7776.88	6042.52	0.0	0.0	0.0	0.0
177	1.083e+06	1.107e+06	1.345e+06	1.107e+06	314.03	6974.16	7805.96	0.0	0.0	0.0	0.0
178	1.461e+06	7.485e+05	1.461e+06	7.485e+05	523.92	4217.20	3540.61	0.0	0.0	0.0	0.0
179	1.461e+06	7.485e+05	1.461e+06	7.485e+05	354.72	6228.18	6228.18	0.0	0.0	0.0	0.0
180	1.999e+06	1.356e+06	2.693e+06	1.356e+06	538.99	6224.70	7513.25	0.0	0.0	0.0	0.0
181	1.999e+06	1.356e+06	2.693e+06	1.356e+06	539.59	6217.77	7504.88	0.0	0.0	0.0	0.0
182	1.461e+06	7.485e+05	1.461e+06	7.485e+05	416.87	5299.60	5299.60	0.0	0.0	0.0	0.0
183	1.461e+06	7.485e+05	1.461e+06	7.485e+05	416.97	5298.35	5298.35	0.0	0.0	0.0	0.0
184	2.685e+06	1.004e+06	2.459e+06	1.004e+06	261.29	1.412e+04	1.325e+04	0.0	0.0	0.0	0.0
185	2.685e+06	1.004e+06	2.459e+06	1.004e+06	260.79	1.415e+04	1.328e+04	0.0	0.0	0.0	0.0
186	1.625e+06	7.490e+05	1.625e+06	7.490e+05	124.20	1.911e+04	1.911e+04	0.0	0.0	0.0	0.0
187	1.625e+06	7.490e+05	1.625e+06	7.490e+05	120.48	1.970e+04	1.970e+04	0.0	0.0	0.0	0.0
188	3.350e+06	4.766e+06	4.323e+06	4.775e+06	791.81	1.026e+04	1.148e+04	0.0	0.0	0.0	0.0
189	3.350e+06	4.766e+06	4.323e+06	4.775e+06	792.04	1.026e+04	1.147e+04	0.0	0.0	0.0	0.0
190	1.783e+06	6.222e+05	1.783e+06	6.222e+05	726.05	3312.13	3312.13	0.0	0.0	0.0	0.0
191	1.783e+06	6.222e+05	1.783e+06	6.222e+05	721.21	3334.35	3334.35	0.0	0.0	0.0	0.0
192	3.350e+06	4.766e+06	4.323e+06	4.775e+06	792.04	1.026e+04	1.147e+04	0.0	0.0	0.0	0.0
193	3.350e+06	4.766e+06	4.323e+06	4.775e+06	792.04	1.026e+04	1.147e+04	0.0	0.0	0.0	0.0
194	1.622e+06	5.582e+05	1.622e+06	5.582e+05	119.84	1.819e+04	1.819e+04	0.0	0.0	0.0	0.0
195	1.625e+06	7.490e+05	1.625e+06	7.490e+05	125.03	1.898e+04	1.898e+04	0.0	0.0	0.0	0.0
196	1.462e+06	1.107e+06	1.814e+06	1.107e+06	410.54	6257.50	7115.30	0.0	0.0	0.0	0.0
197	1.809e+06	7.489e+05	1.461e+06	7.485e+05	390.00	6558.10	5665.74	0.0	0.0	0.0	0.0
198	1.809e+06	7.489e+05	1.461e+06	7.485e+05	390.00	6558.10	5665.74	0.0	0.0	0.0	0.0
199	1.462e+06	1.107e+06	1.814e+06	1.107e+06	410.54	6257.50	7115.30	0.0	0.0	0.0	0.0
200	1.809e+06	7.489e+05	1.809e+06	7.489e+05	307.14	8328.51	8328.51	0.0	0.0	0.0	0.0
201	1.809e+06	7.489e+05	1.809e+06	7.489e+05	303.93	8416.44	8416.44	0.0	0.0	0.0	0.0
202	1.809e+06	7.489e+05	1.809e+06	7.489e+05	303.93	8416.47	8416.47	0.0	0.0	0.0	0.0
203	1.462e+06	1.107e+06	1.814e+06	1.107e+06	307.14	8364.14	9510.72	0.0	0.0	0.0	0.0
204	1.809e+06	7.489e+05	1.461e+06	7.485e+05	311.96	8198.70	7083.11	0.0	0.0	0.0	0.0
205	1.461e+06	7.485e+05	1.809e+06	7.489e+05	311.96	7083.11	8198.70	0.0	0.0	0.0	0.0
206	7.488e+05	7.488e+05	7.488e+05	7.488e+05	311.96	4800.52	4800.52	0.0	0.0	0.0	0.0
207	1.809e+06	7.489e+05	1.461e+06	7.485e+05	311.97	8198.49	7082.92	0.0	0.0	0.0	0.0
208	1.083e+06	1.107e+06	1.345e+06	1.107e+06	337.34	6492.26	7266.58	0.0	0.0	0.0	0.0
209	1.344e+06	8.208e+05	1.083e+06	1.107e+06	335.88	7296.96	5669.63	0.0	0.0	0.0	0.0
210	1.083e+06	1.107e+06	1.345e+06	1.107e+06	332.61	6584.49	7369.81	0.0	0.0	0.0	0.0
211	1.344e+06	8.208e+05	1.083e+06	1.107e+06	336.17	7290.59	5664.68	0.0	0.0	0.0	0.0
212	1.344e+06	8.208e+05	1.344e+06	8.208e+05	315.28	6867.26	6867.26	0.0	0.0	0.0	0.0
213	1.344e+06	8.208e+05	1.344e+06	8.208e+05	309.92	6986.05	6986.05	0.0	0.0	0.0	0.0
216	1.107e+06	1.107e+06	1.107e+06	1.107e+06	323.20	6848.42	6848.42	0.0	0.0	0.0	0.0
217	1.107e+06	1.107e+06	1.107e+06	1.107e+06	323.20	6848.42	6848.42	0.0	0.0	0.0	0.0
220	1.462e+06	1.107e+06	1.107e+06	1.107e+06	354.26	7252.08	6248.13	0.0	0.0	0.0	0.0

221	1.461e+06	7.485e+05	1.809e+06	7.489e+05	354.26	6237.38	7219.77	0.0	0.0	0.0	0.0
222	1.461e+06	7.485e+05	1.809e+06	7.489e+05	354.26	6237.38	7219.77	0.0	0.0	0.0	0.0
223	1.462e+06	1.107e+06	1.107e+06	1.107e+06	354.26	7251.92	6248.00	0.0	0.0	0.0	0.0
224	1.723e+06	1.463e+06	7.489e+05	1.809e+06	600.77	7137.39	5303.67	0.0	0.0	0.0	0.0
225	1.723e+06	1.463e+06	7.489e+05	1.809e+06	601.30	2490.84	6017.49	0.0	0.0	0.0	0.0
226	1.809e+06	7.489e+05	1.809e+06	7.489e+05	410.18	6236.45	6236.45	0.0	0.0	0.0	0.0
227	1.809e+06	7.489e+05	1.809e+06	7.489e+05	405.77	6304.19	6304.19	0.0	0.0	0.0	0.0
236	1.463e+06	1.463e+06	1.463e+06	1.463e+06	325.90	7885.59	8976.91	0.0	0.0	0.0	0.0
237	1.462e+06	1.107e+06	1.462e+06	1.107e+06	325.90	7883.43	7883.43	0.0	0.0	0.0	0.0
242	2.777e+06	7.489e+05	2.270e+06	7.487e+05	371.37	9494.71	8128.81	0.0	0.0	0.0	0.0
243	2.777e+06	7.489e+05	2.270e+06	7.487e+05	371.02	9503.71	8136.51	0.0	0.0	0.0	0.0
244	5.570e+05	5.570e+05	5.570e+05	5.570e+05	378.23	2945.12	2945.12	0.0	0.0	0.0	0.0
245	5.570e+05	5.570e+05	5.570e+05	5.570e+05	378.28	2944.73	2944.73	0.0	0.0	0.0	0.0
246	2.507e+06	1.464e+06	1.723e+06	1.463e+06	499.11	7954.67	6384.37	0.0	0.0	0.0	0.0
247	2.705e+06	1.106e+06	1.814e+06	1.107e+06	486.38	7836.88	6005.21	0.0	0.0	0.0	0.0
248	2.705e+06	1.106e+06	1.814e+06	1.107e+06	486.38	7836.88	6005.21	0.0	0.0	0.0	0.0
249	2.516e+06	1.463e+06	1.723e+06	1.463e+06	499.11	7972.19	6383.85	0.0	0.0	0.0	0.0
256	1.462e+06	1.107e+06	1.462e+06	1.107e+06	325.90	7885.59	8976.91	0.0	0.0	0.0	0.0
257	1.462e+06	1.107e+06	1.462e+06	1.107e+06	325.90	7883.43	7883.43	0.0	0.0	0.0	0.0
258	2.962e+05	5.167e+05	2.962e+05	5.167e+05	860.53	944.63	944.63	0.0	0.0	0.0	0.0
259	7.485e+05	1.461e+06	1.817e+06	1.463e+06	426.70	5183.29	7681.77	0.0	0.0	0.0	0.0
260	7.485e+05	1.461e+06	1.817e+06	1.463e+06	426.80	5182.10	7680.02	0.0	0.0	0.0	0.0
261	2.461e+06	2.461e+06	2.461e+06	2.461e+06	609.99	8068.86	8068.86	0.0	0.0	0.0	0.0
262	1.248e+06	4.704e+06	1.248e+06	4.704e+06	610.00	9756.63	9756.63	0.0	0.0	0.0	0.0
263	1.462e+06	1.107e+06	1.462e+06	1.107e+06	400.00	6422.92	6422.92	0.0	0.0	0.0	0.0
264	1.462e+06	1.107e+06	1.462e+06	1.107e+06	400.00	6422.92	6422.92	0.0	0.0	0.0	0.0
265	1.462e+06	1.107e+06	2.161e+06	1.107e+06	336.34	7638.41	9716.88	0.0	0.0	0.0	0.0
266	1.111e+06	7.487e+05	2.680e+06	7.492e+05	337.86	5506.07	1.015e+04	0.0	0.0	0.0	0.0
267	1.111e+06	7.487e+05	2.659e+06	7.492e+05	337.86	5506.25	1.009e+04	0.0	0.0	0.0	0.0
268	1.462e+06	1.107e+06	2.161e+06	1.107e+06	336.33	7638.47	9716.97	0.0	0.0	0.0	0.0
269	7.489e+05	1.809e+06	2.825e+06	1.463e+06	600.77	7137.39	5303.67	0.0	0.0	0.0	0.0
270	1.809e+06	7.489e+05	2.757e+06	5.579e+05	601.30	2490.84	6017.49	0.0	0.0	0.0	0.0
271	7.485e+05	2.326e+06	1.463e+06	2.351e+06	169.81	1.825e+04	2.231e+04	0.0	0.0	0.0	0.0
272	7.485e+05	2.326e+06	1.463e+06	2.351e+06	169.79	1.825e+04	2.232e+04	0.0	0.0	0.0	0.0
275	2.962e+05	5.167e+05	2.962e+05	5.167e+05	870.00	934.34	934.34	0.0	0.0	0.0	0.0
278	2.028e+06	8.859e+05	2.028e+06	8.859e+05	726.05	4013.03	4013.03	0.0	0.0	0.0	0.0
279	2.028e+06	8.859e+05	2.028e+06	8.859e+05	721.21	4039.96	4039.96	0.0	0.0	0.0	0.0
282	5.934e+05	3.057e+05	5.934e+05	3.057e+05	127.10	7073.65	7073.65	0.0	0.0	0.0	0.0
283	5.934e+05	3.057e+05	5.934e+05	3.057e+05	123.38	7287.00	7287.00	0.0	0.0	0.0	0.0
284	5.934e+05	3.057e+05	5.934e+05	3.057e+05	122.80	7320.99	7320.99	0.0	0.0	0.0	0.0
285	3.041e+05	5.244e+05	3.041e+05	5.244e+05	127.87	6479.08	6479.08	0.0	0.0	0.0	0.0
286	2.144e+06	2.359e+06	7.485e+05	2.326e+06	302.57	1.477e+04	1.027e+04	0.0	0.0	0.0	0.0
287	2.144e+06	2.359e+06	7.485e+05	2.326e+06	302.63	1.477e+04	1.027e+04	0.0	0.0	0.0	0.0
288	1.463e+06	2.351e+06	2.144e+06	2.359e+06	422.46	9047.24	1.064e+04	0.0	0.0	0.0	0.0
289	1.463e+06	2.351e+06	2.144e+06	2.359e+06	422.46	9047.24	1.064e+04	0.0	0.0	0.0	0.0
290	3.089e+05	8.073e+05	3.089e+05	8.073e+05	870.23	1282.64	1282.64	0.0	0.0	0.0	0.0
291	3.041e+05	5.244e+05	3.041e+05	5.244e+05	854.07	970.06	970.06	0.0	0.0	0.0	0.0
292	3.041e+05	5.244e+05	3.041e+05	5.244e+05	854.11	970.02	970.02	0.0	0.0	0.0	0.0
293	3.041e+05	5.244e+05	3.041e+05	5.244e+05	854.05	970.09	970.09	0.0	0.0	0.0	0.0
294	3.041e+05	5.244e+05	3.041e+05	5.244e+05	853.91	970.24	970.24	0.0	0.0	0.0	0.0
295	3.089e+05	8.073e+05	3.089e+05	8.073e+05	870.00	1282.98	1282.98	0.0	0.0	0.0	0.0
296	1.463e+06	2.796e+06	1.463e+06	2.796e+06	207.73	2.050e+04	2.050e+04	0.0	0.0	0.0	0.0
297	1.463e+06	2.796e+06	1.463e+06	2.796e+06	207.89	2.049e+04	2.049e+04	0.0	0.0	0.0	0.0
298	1.463e+06	2.796e+06	1.463e+06	2.796e+06	197.22	2.160e+04	2.160e+04	0.0	0.0	0.0	0.0
299	1.463e+06	2.796e+06	1.463e+06	2.796e+06	196.72	2.165e+04	2.165e+04	0.0	0.0	0.0	0.0
300	6.079e+05	1.029e+06	6.079e+05	1.029e+06	235.43	6954.63	6954.63	0.0	0.0	0.0	0.0
301	6.079e+05	1.029e+06	6.079e+05	1.029e+06	235.77	6944.69	6944.69	0.0	0.0	0.0	0.0
302	2.447e+05	5.229e+05	2.447e+05	5.229e+05	469.03	1636.42	1636.42	0.0	0.0	0.0	0.0
303	3.041e+05	5.244e+05	3.041e+05	5.244e+05	469.00	1766.54	1766.54	0.0	0.0	0.0	0.0
304	3.041e+05	5.244e+05	3.041e+05	5.244e+05	469.03	1766.41	1766.41	0.0	0.0	0.0	0.0
305	3.041e+05	5.244e+05	3.041e+05	5.244e+05	469.17	1765.91	1765.91	0.0	0.0	0.0	0.0
TraveM negativo iM positivo iM negativo fM positivo f					V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As	
							0.0				
					3.350e+06	4.766e+06	4.323e+06	4.775e+06	2.169e+04	2.232e+04	0.0

18. VERIFICHE ELEMENTI TRAVE C.A. “DUTTILI – $q = 2,90$ ”

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE C.A.

In tabella vengono riportati per ogni elemento il numero dello stesso ed il codice di verifica.

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

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

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

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

In particolare i simboli utilizzati con il metodo delle tensioni ammissibili assumono il seguente significato:

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

Mentre i simboli utilizzati con il metodo degli stati limite assumono il seguente significato:

r. snell.	Rapporto λ su λ^* : valore superiore a 1 per elementi snelli, caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Verifica(verif.)	rapporto S_d/S_u con sollecitazioni ultime proporzionali o a sforzo normale costante: valore minore o uguale a 1 per verifica positiva
ver.sis	rapporto N_d/N_u con N_u calcolato come al punto 7.4.4.2.2.1; valore minore o uguale a 1 per verifica positiva
ver.V/T	rapporto S_d/S_u con sollecitazioni taglianti e torcenti proporzionali valore minore o uguale a 1 per verifica positiva
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)

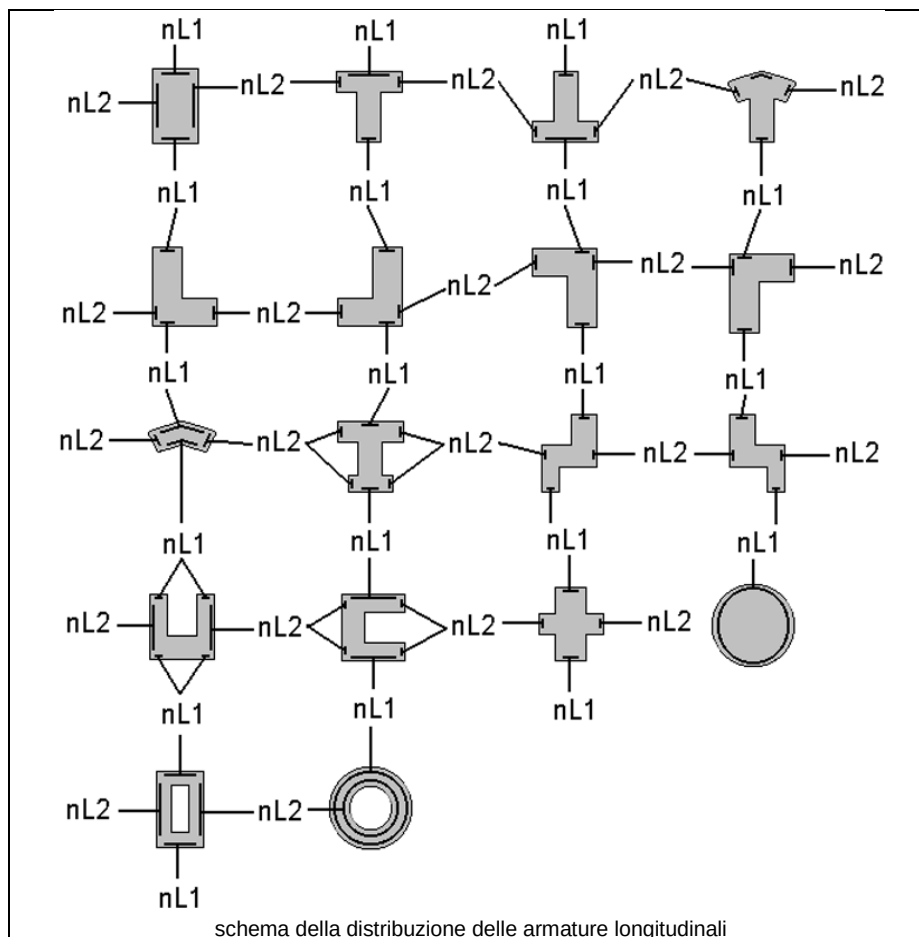
Per gli elementi progettati secondo il criterio della gerarchia delle resistenze (pilastri e travi) si riporta una ulteriore tabella di seguito descritta:

M negativo i	Valore del momento resistente negativo (positivo) all'estremità iniziale i (finale f) della trave
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f (positivo i e negativo f)
V totale	Massimo valore assoluto ottenuto per combinazione del taglio isostatico e dei tagli concomitanti (p.to 7.4.4.1.1.)
Verif. V	Rapporto tra il taglio massimo e V_{r1} (p.to 7.4.4.1.2.2);
Sovr. 2-2 i	Sovreresistenza del pilastro (come da formula 7.4.4). Rapporto tra i momenti resistenti delle travi e dei pilastri. Il valore del fattore rispettivamente per il momento 2-2 (3-3) alla base i ed alla sommità f del pilastro deve essere maggiore del γ_{mRd} adottato
M 2-2 i	Valore del momento resistente rispettivamente per 2-2 (3-3) alla base i ed alla sommità f del pilastro (massimo momento in presenza dello sforzo normale di calcolo)
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per i nodi trave-pilastro viene riportata la seguente tabella relativa al calcolo delle armature di confinamento e alla verifica di resistenza del nodo (richiesta solo per strutture in classe di duttilità alta); le caselle vuote indicano parametri non riportati in quanto

non necessari.

Stato	Esito della verifica (come da formula 7.4.8) per resistenza a compressione del nodo (solo CDA)
I 7.4.29	Passo delle staffe di confinamento come richiesto dalla formula 7.4.29
Bj2(3)	Dimensione del nodo per il taglio in direzione 2 (3)
Hjc2(2)	Distanza tra le giaciture di armatura del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio V_{jbd} e il taglio resistente come da formula 7.4.8 (solo CDA)
I 7.4.10	Passo delle staffe valutato in funzione della formula 7.4.10 (solo CDA)



schema della distribuzione delle armature longitudinali

M_P= 1 X=335.0 Y=-112.0											
Pilas.	Note	Stato	Quota cm	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe L=cm	v V/T cls v V/T acc	Rif. cmb
1s=3,m=52	NV,NV	-20.0	0.57	1.20	4d12 2+0 d12	3.70	0.342+2d8/20	L=270	0.94	1.08	10,36,31,10
[b=1.0;1.0]		250.0	0.57	1.20	4d12 2+0 d12	2.39	0.332+2d8/20	L=270	0.94	1.08	10,36,31,10
134s=3,m=52	NV,NV	250.0	0.57	0.38	4d12 2+0 d12	5.67	0.122+2d8/20	L=360	0.97	1.07	10,20,10,10
[b=1.0;1.0]		610.0	0.57	0.38	4d12 2+0 d12	6.42	0.112+2d8/20	L=360	0.98	1.07	10,20,10,10
M_P= 2 X=2361.0 Y=-112.0											
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
2s=3,m=52	NV,NV	-20.0	0.57	0.84	4d12 2+0 d12	3.21	0.462+2d8/20	L=270	1.00	1.11	8,26,21,5
[b=1.0;1.0]		250.0	0.57	0.84	4d12 2+0 d12	2.05	0.442+2d8/20	L=270	1.00	1.11	8,26,21,5
135s=3,m=52	NV,NV	250.0	0.57	0.44	4d12 2+0 d12	5.54	0.122+2d8/20	L=360	1.00	1.14	8,26,5,5
[b=1.0;1.0]		610.0	0.57	0.44	4d12 2+0 d12	6.29	0.112+2d8/20	L=360	1.00	1.16	8,26,5,5
M_P= 3 X=669.0 Y=-111.8											
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
3s=3,m=52	NV,ok	-20.0	0.57	0.88	4d12 2+0 d12	3.32	0.382+2d8/20	L=270	0.95	0.99	11,30,21,5
[b=1.0;1.0]		250.0	0.57	0.88	4d12 2+0 d12	2.09	0.362+2d8/20	L=270	0.95	0.99	8,30,21,5
136s=3,m=52	NV,NV	250.0	0.57	0.34	4d12 2+0 d12	4.89	0.172+2d8/20	L=360	1.00	1.09	8,30,8,8
[b=1.0;1.0]		610.0	0.57	0.34	4d12 2+0 d12	5.49	0.152+2d8/20	L=360	1.00	1.10	8,30,8,8
M_P= 4 X=2027.1 Y=-111.8											
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
4s=3,m=52	NV,NV	-20.0	0.57	1.02	4d12 2+0 d12	2.95	0.492+2d8/20	L=270	0.90	1.03	10,24,31,10
[b=1.0;1.0]		250.0	0.57	1.02	4d12 2+0 d12	1.89	0.482+2d8/20	L=270	0.90	1.03	10,24,31,10
137s=3,m=52	NV,NV	250.0	0.57	0.42	4d12 2+0 d12	4.82	0.172+2d8/20	L=360	0.94	1.07	10,24,10,10
[b=1.0;1.0]		610.0	0.57	0.42	4d12 2+0 d12	5.44	0.152+2d8/20	L=360	0.95	1.07	10,24,10,10
M_P= 5 X=-4.81e-04Y=1.29e-04											
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb

5s=3,m=52	NV,ok	-20.0	0.57	0.81	4d12 2+0 d12	3.13	0.662+2d8/20 L=270	1.00	0.97	10,8,31,21
[b=1.0;1.0]		250.0	0.57	0.81	4d12 2+0 d12	1.75	0.652+2d8/20 L=270	1.00	0.97	10,8,31,21
138s=3,m=52	NV,ok	250.0	0.57	0.66	4d12 2+0 d12	2.94	0.402+2d8/20 L=360	0.85	0.88	10,8,31,11
[b=1.0;1.0]		610.0	0.57	0.66	4d12 2+0 d12	3.51	0.382+2d8/20 L=360	0.85	0.88	10,8,31,11
M_P= 6 X=1003.0Y=-1.28e-02										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
6s=3,m=52	NV,NV	-20.0	0.57	0.67	4d12 2+0 d12	3.06	0.862+2d8/20 L=270	1.00	1.15	11,10,24,21
[b=1.0;1.0]		250.0	0.57	0.67	4d12 2+0 d12	1.44	0.852+2d8/20 L=270	1.00	1.15	11,10,24,21
139s=3,m=52	NV,ok	250.0	0.57	0.76	4d12 2+0 d12	2.58	0.612+2d8/20 L=360	0.90	0.81	11,30,21,5
[b=1.0;1.0]		610.0	0.57	0.76	4d12 2+0 d12	2.93	0.602+2d8/20 L=360	0.91	0.81	11,30,21,5
M_P= 7 X=1693.0Y=-1.28e-02										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
7s=3,m=52	NV,NV	-20.0	0.57	0.75	4d12 2+0 d12	3.01	0.862+2d8/20 L=270	1.00	1.13	5,8,31,31
[b=1.0;1.0]		250.0	0.57	0.75	4d12 2+0 d12	1.40	0.852+2d8/20 L=270	1.00	1.13	5,8,35,31
140s=3,m=52	NV,ok	250.0	0.57	0.84	4d12 2+0 d12	2.43	0.612+2d8/20 L=360	0.86	0.79	5,24,31,24
[b=1.0;1.0]		610.0	0.57	0.84	4d12 2+0 d12	2.80	0.602+2d8/20 L=360	0.87	0.79	5,24,31,24
M_P= 8 X=2696.0Y=-1.52e-02										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
8s=3,m=52	NV,NV	-20.0	0.57	1.00	4d12 2+0 d12	3.10	0.672+2d8/20 L=270	1.00	1.05	8,10,25,21
[b=1.0;1.0]		250.0	0.57	1.00	4d12 2+0 d12	1.70	0.662+2d8/20 L=270	1.00	1.05	8,10,25,21
141s=3,m=52	NV,ok	250.0	0.57	0.57	4d12 2+0 d12	2.90	0.392+2d8/20 L=360	0.88	0.90	8,10,21,5
[b=1.0;1.0]		610.0	0.57	0.57	4d12 2+0 d12	3.51	0.372+2d8/20 L=360	0.89	0.90	8,10,21,5
M_P= 9 X=543.1 Y=390.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
10s=1,m=52	NV,ok	-20.0	0.50	1.05	4d12 0+0 d12	3.28	0.362+2d8/20 L=270	0.89	0.87	10,36,10,10
[b=1.0;1.0]		250.0	0.50	1.05	4d12 0+0 d12	3.29	0.352+2d8/20 L=270	0.90	0.87	10,36,10,10
M_P= 10 X=1348.0 Y=390.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
11s=1,m=52	NV,NV	-20.0	0.50	1.23	4d12 0+0 d12	3.19	0.332+2d8/20 L=270	1.00	1.39	5,32,12,10
[b=1.0;1.0]		250.0	0.50	1.23	4d12 0+0 d12	3.21	0.322+2d8/20 L=270	1.00	1.40	10,32,10,10
M_P= 11 X=1798.0 Y=390.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
12s=3,m=52	NV,NV	-20.0	1.03	1.26	4d14 2+2 d14	1.80	1.032+2d8/20 L=270	1.20	3.34	24,21,21,27
[b=1.0;1.0]		250.0	1.03	1.26	4d14 2+2 d14	1.16	1.022+2d8/20 L=270	1.17	3.34	24,21,21,27
143s=2,m=52	NV,NV	250.0	0.82	0.91	4d14 2+2 d14	2.18	0.592+2d8/20 L=360	1.00	1.17	24,27,25,21
[b=1.0;1.0]		610.0	0.82	0.91	4d14 2+2 d14	2.31	0.582+2d8/20 L=360	1.00	1.17	24,27,25,21
228s=3,m=52	NV,NV	610.0	0.77	0.52	4d14 2+0 d14	2.04	0.442+2d8/20 L=190	1.00	3.87	11,27,8,24
[b=1.0;1.0]		800.0	0.77	0.52	4d14 2+0 d14	0.71	0.432+2d8/20 L=190	1.00	4.14	11,27,24,24
M_P= 12 X=898.2 Y=390.1										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
9s=2,m=52	NV,NV	-20.0	0.82	0.78	4d14 2+2 d14	2.08	0.782+2d8/20 L=270	1.00	1.90	10,31,23,21
[b=1.0;1.0]		250.0	0.82	0.78	4d14 2+2 d14	1.13	0.772+2d8/20 L=270	1.00	1.90	10,31,23,21
142s=2,m=52	NV,NV	250.0	0.82	1.74	4d14 2+2 d14	1.96	0.612+2d8/20 L=360	1.00	1.10	10,29,24,24
[b=1.0;1.0]		610.0	0.82	1.74	4d14 2+2 d14	2.10	0.592+2d8/20 L=360	1.00	1.10	30,29,24,24
229s=3,m=52	NV,NV	610.0	0.77	0.65	4d14 2+0 d14	2.25	0.452+2d8/20 L=190	1.04	4.16	10,33,30,30
[b=1.0;1.0]		800.0	0.77	0.65	4d14 2+0 d14	0.75	0.452+2d8/20 L=190	1.04	4.16	5,33,30,30
M_P= 13 X=149.9 Y=559.3										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
13s=3,m=52	NV,NV	-20.0	0.57	1.47	4d12 2+0 d12	2.65	0.762+2d8/20 L=270	1.00	1.08	31,36,35,31
[b=1.0;1.0]		250.0	0.57	1.47	4d12 2+0 d12	2.11	0.752+2d8/20 L=270	1.00	1.08	31,36,35,31
144s=3,m=52	NV,ok	250.0	0.57	1.81	4d12 2+0 d12	3.13	0.462+2d8/20 L=360	0.92	0.93	31,16,31,33
[b=1.0;1.0]		610.0	0.57	1.81	4d12 2+0 d12	3.47	0.442+2d8/20 L=360	0.92	0.93	31,16,31,33
240s=3,m=52	NV,ok	610.0	0.57	0.59	4d12 2+0 d12	1.97	0.292+2d8/20 L=266	0.77	0.81	20,11,24,17
[b=1.0;1.0]		875.9	0.57	0.59	4d12 2+0 d12	0.79	0.282+2d8/20 L=266	0.78	0.81	33,11,24,17
M_P= 14 X=2546.1 Y=559.8										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
14s=3,m=52	NV,NV	-20.0	0.57	1.52	4d12 2+0 d12	2.57	0.752+2d8/20 L=270	1.00	1.01	21,24,24,24
[b=1.0;1.0]		250.0	0.57	1.52	4d12 2+0 d12	1.80	0.742+2d8/20 L=270	1.00	1.01	24,24,24,24
145s=3,m=52	NV,ok	250.0	0.57	1.35	4d12 2+0 d12	2.90	0.492+2d8/20 L=360	0.89	0.95	21,18,21,27
[b=1.0;1.0]		610.0	0.57	1.35	4d12 2+0 d12	3.31	0.472+2d8/20 L=360	0.89	0.95	21,18,21,27
241s=3,m=52	NV,ok	610.0	0.57	0.53	4d12 2+0 d12	1.72	0.312+2d8/20 L=266	0.77	0.84	14,5,30,27
[b=1.0;1.0]		875.9	0.57	0.53	4d12 2+0 d12	0.78	0.302+2d8/20 L=266	0.78	0.84	27,5,30,27
M_P= 15 X=1348.0 Y=795.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
15s=1,m=52	NV,NV	-20.0	0.50	0.93	4d12 0+0 d12	2.49	0.512+2d8/20 L=270	1.04	2.84	5,31,9,7
[b=1.0;1.0]		250.0	0.50	0.93	4d12 0+0 d12	1.67	0.502+2d8/20 L=270	1.04	2.84	29,31,9,7
M_P= 16 X=70.0 Y=860.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
16s=2,m=52	NV,NV	-20.0	0.82	1.54	4d14 2+2 d14	2.29	1.022+2d8/20 L=270	1.10	3.69	31,31,31,31
[b=1.0;1.0]		250.0	0.82	1.54	4d14 2+2 d14	0.64	1.012+2d8/20 L=270	1.08	3.69	31,31,31,31
146s=2,m=52	NV,NV	250.0	0.82	0.81	4d14 2+2 d14	1.97	0.672+2d8/20 L=360	1.00	1.25	11,31,36,24
[b=1.0;1.0]		610.0	0.82	0.81	4d14 2+2 d14	2.69	0.652+2d8/20 L=360	1.00	1.25	11,31,36,24
252s=3,m=52	NV,NV	610.0	0.77	0.82	4d14 2+0 d14	1.27	0.252+2d8/20 L=320	1.00	1.29	33,22,34,31
[b=1.0;1.0]		929.7	0.77	0.82	4d14 2+0 d14	1.03	0.242+2d8/20 L=320	1.00	1.30	23,22,33,31
M_P= 17 X=543.0 Y=860.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb

17s=1,m=52	NV,ok	-20.0	0.50	1.37	4d12 0+0 d12	2.71	0.452+2d8/20 L=270	0.68	0.83	10,11,10,5
[b=1.0;1.0]		250.0	0.50	1.37	4d12 0+0 d12	2.74	0.442+2d8/20 L=270	0.68	0.83	5,11,10,5
M_P= 18 X=897.8 Y=860.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
18s=2,m=52	NV,NV	-20.0	0.82	1.06	4d14 2+2 d14	1.90	1.012+2d8/20 L=270	1.08	3.71	33,17,21,21
[b=1.0;1.0]		250.0	0.82	1.06	4d14 2+2 d14	0.69	1.002+2d8/20 L=270	1.06	3.71	33,17,21,21
147s=2,m=52	NV,NV	250.0	0.82	1.40	4d14 2+2 d14	1.82	0.872+2d8/20 L=360	1.00	1.70	13,33,33,21
[b=1.0;1.0]		610.0	0.82	1.40	4d14 2+2 d14	2.41	0.862+2d8/20 L=360	1.00	1.64	13,33,29,21
230s=3,m=52	NV,NV	610.0	1.03	0.59	4d14 2+2 d14	1.34	0.552+2d8/20 L=190	1.34	6.26	36,31,24,24
[b=1.0;1.0]		800.0	1.03	0.59	4d14 2+2 d14	0.22	0.542+2d8/20 L=190	1.34	6.26	9,31,24,24
276s=3,m=52	ok,NV	800.0	0.77	0.36	4d14 2+0 d14	0.47	0.312+2d8/20 L=203	1.00	2.16	2,31,27,34
[b=1.0;1.0]		1003.3	0.77	0.36	4d14 2+0 d14	0.67	0.302+2d8/20 L=203	1.00	2.18	31,31,31,34
M_P= 19 X=1798.0 Y=860.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
19s=2,m=52	NV,NV	-20.0	0.82	0.91	4d14 2+2 d14	2.25	1.152+2d8/20 L=270	1.51	3.88	21,27,31,24
[b=1.0;1.0]		250.0	0.82	0.91	4d14 2+2 d14	0.88	1.142+2d8/20 L=270	1.48	3.88	27,27,31,24
148s=2,m=52	NV,NV	250.0	0.82	2.01	4d14 2+2 d14	1.62	0.872+2d8/20 L=360	1.00	1.34	21,27,27,27
[b=1.0;1.0]		610.0	0.82	2.01	4d14 2+2 d14	2.07	0.852+2d8/20 L=360	1.00	1.30	27,27,35,27
231s=3,m=52	NV,NV	610.0	1.03	0.58	4d14 2+2 d14	1.32	0.552+2d8/20 L=190	1.34	6.26	26,21,27,27
[b=1.0;1.0]		800.0	1.03	0.58	4d14 2+2 d14	0.26	0.542+2d8/20 L=190	1.34	6.26	23,21,27,27
277s=3,m=52	ok,NV	800.0	0.77	0.40	4d14 2+0 d14	0.48	0.312+2d8/20 L=203	1.00	2.22	2,21,23,24
[b=1.0;1.0]		1003.3	0.77	0.40	4d14 2+0 d14	0.65	0.302+2d8/20 L=203	1.00	2.24	21,21,35,24
M_P= 20 X=2626.0 Y=860.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
20s=2,m=52	NV,NV	-20.0	0.82	1.03	4d14 2+2 d14	2.42	1.002+2d8/20 L=270	1.19	3.71	21,21,21,21
[b=1.0;1.0]		250.0	0.82	1.03	4d14 2+2 d14	1.68	0.992+2d8/20 L=270	1.16	3.71	5,21,21,21
149s=2,m=52	NV,NV	250.0	0.82	1.49	4d14 2+2 d14	1.89	0.652+2d8/20 L=360	1.00	1.25	8,21,27,5
[b=1.0;1.0]		610.0	0.82	1.49	4d14 2+2 d14	2.32	0.632+2d8/20 L=360	1.00	1.25	5,21,27,5
253s=3,m=52	NV,NV	610.0	0.77	0.79	4d14 2+0 d14	1.36	0.242+2d8/20 L=320	1.00	1.31	27,12,29,21
[b=1.0;1.0]		929.7	0.77	0.79	4d14 2+0 d14	1.05	0.222+2d8/20 L=320	1.00	1.32	2,12,23,21
M_P= 21 X=13.0 Y=1199.4										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
21s=1,m=52	NV,ok	-20.0	0.50	1.05	4d12 0+0 d12	2.55	0.362+2d8/20 L=270	0.64	0.57	10,16,21,5
[b=1.0;1.0]		250.0	0.50	1.05	4d12 0+0 d12	2.00	0.352+2d8/20 L=270	0.64	0.57	13,16,21,5
M_P= 22 X=543.0 Y=1200.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
22s=1,m=52	NV,ok	-20.0	0.50	0.33	4d12 0+0 d12	3.47	0.162+2d8/20 L=270	0.66	0.67	13,16,10,5
[b=1.0;1.0]		250.0	0.50	0.33	4d12 0+0 d12	3.36	0.152+2d8/20 L=270	0.67	0.67	13,16,10,5
M_P= 23 X=897.9 Y=1200.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
23s=1,m=52	NV,ok	-20.0	0.50	0.28	4d12 0+0 d12	4.03	0.182+2d8/20 L=270	0.78	0.76	31,6,30,31
[b=1.0;1.0]		250.0	0.50	0.28	4d12 0+0 d12	4.28	0.172+2d8/20 L=270	0.78	0.76	31,6,30,31
M_P= 24 X=1348.0 Y=1200.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
24s=1,m=52	NV,ok	-20.0	0.50	1.51	4d12 0+0 d12	3.32	0.402+2d8/20 L=270	0.75	0.67	9,30,9,9
[b=1.0;1.0]		250.0	0.50	1.51	4d12 0+0 d12	1.89	0.392+2d8/20 L=270	0.76	0.67	29,30,9,9
M_P= 25 X=1798.0 Y=1200.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
25s=1,m=52	NV,ok	-20.0	0.50	0.80	4d12 0+0 d12	2.67	0.412+2d8/20 L=270	0.83	0.83	21,8,5,21
[b=1.0;1.0]		250.0	0.50	0.80	4d12 0+0 d12	2.75	0.402+2d8/20 L=270	0.83	0.83	21,8,5,21
M_P= 26 X=2343.0 Y=1200.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
26s=1,m=52	NV,ok	-20.0	0.50	0.35	4d12 0+0 d12	4.84	0.102+2d8/20 L=270	0.79	0.76	13,16,5,13
[b=1.0;1.0]		250.0	0.50	0.35	4d12 0+0 d12	5.23	0.092+2d8/20 L=270	0.80	0.76	13,16,5,13
M_P= 27 X=2683.2 Y=1200.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
27s=1,m=52	NV,ok	-20.0	0.50	1.57	4d12 0+0 d12	2.72	0.522+2d8/20 L=270	0.79	0.78	8,14,24,8
[b=1.0;1.0]		250.0	0.50	1.57	4d12 0+0 d12	2.77	0.512+2d8/20 L=270	0.79	0.78	15,14,24,8
M_P= 28 X=70.0 Y=1510.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
28s=2,m=52	NV,NV	-20.0	0.82	1.11	4d14 2+2 d14	2.03	0.952+2d8/20 L=270	1.00	2.48	36,36,24,36
[b=1.0;1.0]		250.0	0.82	1.11	4d14 2+2 d14	0.54	0.942+2d8/20 L=270	1.00	2.36	36,36,21,36
150s=2,m=52	NV,NV	250.0	0.82	1.40	4d14 2+2 d14	1.79	0.692+2d8/20 L=360	1.00	1.24	20,36,31,31
[b=1.0;1.0]		610.0	0.82	1.40	4d14 2+2 d14	2.50	0.672+2d8/20 L=360	1.00	1.24	20,36,31,31
254s=3,m=52	ok,NV	610.0	1.03	1.04	4d14 2+2 d14	0.93	0.252+2d8/20 L=320	1.00	1.76	30,25,31,30
[b=1.0;1.0]		929.7	1.03	1.04	4d14 2+2 d14	0.83	0.242+2d8/20 L=320	1.00	1.77	28,25,34,30
M_P= 29 X=543.0 Y=1510.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
29s=1,m=52	NV,ok	-20.0	0.50	0.59	4d12 0+0 d12	2.91	0.322+2d8/20 L=270	0.64	0.77	17,20,26,14
[b=1.0;1.0]		250.0	0.50	0.59	4d12 0+0 d12	3.06	0.312+2d8/20 L=270	0.65	0.77	14,20,26,14
M_P= 30 X=898.0 Y=1510.0										
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc	Rif. cmb
30s=2,m=52	NV,NV	-20.0	0.82	0.89	4d14 2+2 d14	2.04	1.052+2d8/20 L=270	1.18	3.73	30,30,30,24
[b=1.0;1.0]		250.0	0.82	0.89	4d14 2+2 d14	0.85	1.042+2d8/20 L=270	1.15	3.70	30,30,30,30
151s=2,m=52	NV,NV	250.0	0.82	1.27	4d14 2+2 d14	1.74	0.932+2d8/20 L=360	1.00	1.72	30,30,28,30
[b=1.0;1.0]		610.0	0.82	1.27	4d14 2+2 d14	2.30	0.912+2d8/20 L=360	1.00	1.65	18,30,28,30

232s=3,m=52	NV,NV	610.0	1.03	0.59	4d14 2+2 d14	1.56	0.592+2d8/20 L=190	1.32	6.28 31,36,32,23
[b=1.0;1.0]		800.0	1.03	0.59	4d14 2+2 d14	0.32	0.582+2d8/20 L=190	1.32	6.28 14,36,32,23
280s=3,m=52	ok,NV	800.0	0.77	0.43	4d14 2+0 d14	0.51	0.362+2d8/20 L=231	1.00	1.51 20,36,25,33
[b=1.0;1.0]		1031.3	0.77	0.43	4d14 2+0 d14	0.77	0.352+2d8/20 L=231	1.00	1.52 36,36,25,33
M_P= 31 X=1348.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
31s=1,m=52	NV,NV	-20.0	0.50	1.75	4d12 0+0 d12	2.79	0.372+2d8/20 L=270	1.00	1.24 20,29,19,8
[b=1.0;1.0]		250.0	0.50	1.75	4d12 0+0 d12	1.93	0.352+2d8/20 L=270	1.00	1.24 32,29,10,8
M_P= 32 X=1798.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
32s=2,m=52	NV,NV	-20.0	0.82	1.75	4d14 2+2 d14	2.10	1.092+2d8/20 L=270	1.27	3.74 24,24,36,30
[b=1.0;1.0]		250.0	0.82	1.75	4d14 2+2 d14	0.87	1.072+2d8/20 L=270	1.24	3.74 24,24,36,30
152s=2,m=52	NV,NV	250.0	0.82	1.67	4d14 2+2 d14	1.74	0.912+2d8/20 L=360	1.00	1.67 15,24,23,24
[b=1.0;1.0]		610.0	0.82	1.67	4d14 2+2 d14	2.28	0.892+2d8/20 L=360	1.00	1.61 8,24,28,24
233s=3,m=52	NV,NV	610.0	1.03	0.63	4d14 2+2 d14	1.58	0.592+2d8/20 L=190	1.32	6.29 21,26,26,26
[b=1.0;1.0]		800.0	1.03	0.63	4d14 2+2 d14	0.31	0.582+2d8/20 L=190	1.32	6.29 20,26,26,26
281s=3,m=52	ok,NV	800.0	0.77	0.42	4d14 2+0 d14	0.52	0.362+2d8/20 L=231	1.00	1.50 2,26,25,27
[b=1.0;1.0]		1031.3	0.77	0.42	4d14 2+0 d14	0.75	0.352+2d8/20 L=231	1.00	1.51 26,26,33,27
M_P= 33 X=2153.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
33s=1,m=52	NV,ok	-20.0	0.50	0.91	4d12 0+0 d12	2.48	0.472+2d8/20 L=270	0.66	0.76 15,14,27,15
[b=1.0;1.0]		250.0	0.50	0.91	4d12 0+0 d12	2.54	0.462+2d8/20 L=270	0.66	0.76 16,14,27,15
M_P= 34 X=2626.0 Y=1510.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
34s=2,m=52	NV,NV	-20.0	0.82	1.02	4d14 2+2 d14	2.14	0.972+2d8/20 L=270	1.00	3.65 26,26,26,26
[b=1.0;1.0]		250.0	0.82	1.02	4d14 2+2 d14	0.63	0.952+2d8/20 L=270	1.00	3.11 26,26,28,26
153s=2,m=52	NV,NV	250.0	0.82	1.37	4d14 2+2 d14	1.83	0.682+2d8/20 L=360	1.00	1.31 14,26,26,21
[b=1.0;1.0]		610.0	0.82	1.37	4d14 2+2 d14	2.52	0.672+2d8/20 L=360	1.00	1.31 14,26,26,21
255s=3,m=52	NV,NV	610.0	0.77	1.00	4d14 2+0 d14	1.16	0.242+2d8/20 L=320	1.00	1.28 24,19,24,24
[b=1.0;1.0]		929.7	0.77	1.00	4d14 2+0 d14	1.03	0.222+2d8/20 L=320	1.00	1.29 1,19,21,24
M_P= 35 X=188.0 Y=1950.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
35s=3,m=52	NV,NV	-20.0	0.57	1.12	4d12 2+0 d12	2.17	0.602+2d8/20 L=270	0.96	1.02 31,15,35,29
[b=1.0;1.0]		250.0	0.57	1.12	4d12 2+0 d12	1.36	0.592+2d8/20 L=270	0.96	1.02 35,15,35,29
154s=3,m=52	NV,ok	250.0	0.57	1.67	4d12 2+0 d12	2.46	0.422+2d8/20 L=360	0.82	0.90 31,15,31,33
[b=1.0;1.0]		610.0	0.57	1.67	4d12 2+0 d12	2.83	0.412+2d8/20 L=360	0.82	0.90 33,15,31,33
250s=3,m=52	NV,ok	610.0	0.57	0.81	4d12 2+0 d12	1.82	0.272+2d8/20 L=285	0.65	0.71 20,15,26,10
[b=1.0;1.0]		894.9	0.57	0.81	4d12 2+0 d12	0.59	0.262+2d8/20 L=285	0.66	0.71 31,15,26,10
M_P= 36 X=543.0 Y=1950.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
36s=1,m=52	NV,ok	-20.0	0.50	0.47	4d12 0+0 d12	2.84	0.312+2d8/20 L=270	0.68	0.77 14,31,26,14
[b=1.0;1.0]		250.0	0.50	0.47	4d12 0+0 d12	2.91	0.292+2d8/20 L=270	0.69	0.77 14,31,26,14
M_P= 37 X=898.0 Y=1950.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
37s=2,m=52	NV,NV	-20.0	0.82	0.93	4d14 2+2 d14	2.02	0.772+2d8/20 L=270	1.00	1.95 33,31,22,33
[b=1.0;1.0]		250.0	0.82	0.93	4d14 2+2 d14	0.91	0.762+2d8/20 L=270	1.00	1.95 33,31,22,33
155s=2,m=52	NV,NV	250.0	0.82	1.04	4d14 2+2 d14	1.94	0.612+2d8/20 L=360	0.99	1.12 33,31,29,29
[b=1.0;1.0]		610.0	0.82	1.04	4d14 2+2 d14	2.24	0.602+2d8/20 L=360	0.99	1.12 33,31,29,29
234s=3,m=52	NV,NV	610.0	1.03	0.93	4d14 2+2 d14	1.21	0.572+2d8/20 L=190	1.04	4.97 14,31,26,31
[b=1.0;1.0]		800.0	1.03	0.93	4d14 2+2 d14	0.26	0.572+2d8/20 L=190	1.04	4.97 17,31,26,31
273s=3,m=52	ok,NV	800.0	0.77	0.47	4d14 2+0 d14	0.72	0.48 2+2d8/20 L=95	2.91	12.50 22,33,22,27
[b=1.0;1.0]		894.9	0.77	0.47	4d14 2+0 d14	0.95	0.48 2+2d8/20 L=95	2.91	12.50 6,33,22,27
M_P= 38 X=1348.0 Y=1950.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
38s=1,m=52	NV,NV	-20.0	0.50	0.60	4d12 0+0 d12	2.64	0.352+2d8/20 L=270	1.00	1.98 33,32,15,13
[b=1.0;1.0]		250.0	0.50	0.60	4d12 0+0 d12	2.54	0.342+2d8/20 L=270	1.00	2.00 29,32,18,13
M_P= 39 X=1798.0 Y=1950.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
39s=2,m=52	NV,NV	-20.0	0.82	0.95	4d14 2+2 d14	2.00	0.742+2d8/20 L=270	1.00	1.66 26,23,36,26
[b=1.0;1.0]		250.0	0.82	0.95	4d14 2+2 d14	0.86	0.732+2d8/20 L=270	1.00	1.66 26,23,36,26
156s=2,m=52	NV,NV	250.0	0.82	1.32	4d14 2+2 d14	1.91	0.622+2d8/20 L=360	0.93	1.09 27,21,26,24
[b=1.0;1.0]		610.0	0.82	1.32	4d14 2+2 d14	2.23	0.612+2d8/20 L=360	0.93	1.09 27,21,26,24
235s=3,m=52	NV,NV	610.0	1.03	1.13	4d14 2+2 d14	1.18	0.592+2d8/20 L=190	1.03	4.95 20,21,36,25
[b=1.0;1.0]		800.0	1.03	1.13	4d14 2+2 d14	0.27	0.582+2d8/20 L=190	1.03	4.95 15,21,36,25
274s=3,m=52	ok,NV	800.0	0.77	0.44	4d14 2+0 d14	0.71	0.50 2+2d8/20 L=95	2.90	12.63 36,27,36,33
[b=1.0;1.0]		894.9	0.77	0.44	4d14 2+0 d14	0.93	0.49 2+2d8/20 L=95	2.90	12.63 20,27,36,33
M_P= 40 X=2508.0 Y=1950.0									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb
40s=3,m=52	NV,ok	-20.0	0.57	1.01	4d12 2+0 d12	2.24	0.572+2d8/20 L=270	0.83	0.91 25,17,33,21
[b=1.0;1.0]		250.0	0.57	1.01	4d12 2+0 d12	1.39	0.562+2d8/20 L=270	0.83	0.91 25,17,33,21
157s=3,m=52	NV,ok	250.0	0.57	1.25	4d12 2+0 d12	2.46	0.442+2d8/20 L=360	0.78	0.88 25,17,21,27
[b=1.0;1.0]		610.0	0.57	1.25	4d12 2+0 d12	2.88	0.422+2d8/20 L=360	0.78	0.88 23,17,21,27
251s=3,m=52	NV,ok	610.0	0.57	0.84	4d12 2+0 d12	1.76	0.282+2d8/20 L=285	0.65	0.72 14,17,33,8
[b=1.0;1.0]		894.9	0.57	0.84	4d12 2+0 d12	0.59	0.272+2d8/20 L=285	0.65	0.72 21,17,33,8
M_P= 41 X=2153.0 Y=1950.4									
Pilas. Note Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc	Rif. cmb

41s=1,m=52	NV,ok	-20.0	0.50	0.64	4d12 0+0 d12	3.54	0.182+2d8/20 L=270	0.69	0.79	14,21,26,14
[b=1.0;1.0]		250.0	0.50	0.64	4d12 0+0 d12	3.68	0.172+2d8/20 L=270	0.69	0.79	14,21,14,14
M_P= 42 X=1348.0 Y=2150.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
42s=1,m=52	NV,ok	-20.0	0.50	0.31	4d12 0+0 d12	3.48	0.212+2d8/20 L=270	1.00	0.89	14,29,13,17
[b=1.0;1.0]		250.0	0.50	0.31	4d12 0+0 d12	3.11	0.202+2d8/20 L=270	1.00	0.90	14,29,20,17
M_P= 43 X=97.0 Y=2290.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
43s=3,m=52	NV,ok	-20.0	0.57	0.72	4d12 2+0 d12	2.57	0.602+2d8/20 L=270	0.89	0.93	33,36,36,21
[b=1.0;1.0]		250.0	0.57	0.72	4d12 2+0 d12	1.61	0.592+2d8/20 L=270	0.89	0.93	31,36,36,21
158s=3,m=52	NV,ok	250.0	0.57	1.28	4d12 2+0 d12	3.02	0.412+2d8/20 L=360	0.85	0.90	31,30,11,30
[b=1.0;1.0]		610.0	0.57	1.28	4d12 2+0 d12	3.43	0.392+2d8/20 L=360	0.86	0.90	31,30,11,30
218s=1,m=52	NV,NV	610.0	0.75	0.50	4d12 2+0 d12	2.28	0.272+2d8/20 L=159	1.00	2.51	17,30,17,33
[b=1.0;1.0]		768.9	0.75	0.50	4d12 2+0 d12	0.28	0.272+2d8/20 L=159	1.00	2.56	17,30,34,33
M_P= 44 X=989.0 Y=2290.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
44s=3,m=52	NV,NV	-20.0	0.77	1.05	4d14 2+0 d14	1.85	0.642+2d8/20 L=270	1.00	1.10	17,34,26,22
[b=1.0;1.0]		250.0	0.77	1.05	4d14 2+0 d14	1.26	0.632+2d8/20 L=270	1.00	1.10	33,34,26,26
159s=3,m=52	NV,ok	250.0	0.77	1.68	4d14 2+0 d14	2.31	0.462+2d8/20 L=360	0.80	0.89	33,36,5,33
[b=1.0;1.0]		610.0	0.77	1.68	4d14 2+0 d14	2.52	0.452+2d8/20 L=360	0.80	0.89	33,36,5,33
214s=3,m=52	NV,NV	610.0	0.77	0.29	4d14 2+0 d14	1.80	0.29 2+2d8/20 L=85	3.15	13.85	14,36,27,22
[b=1.0;1.0]		695.0	0.77	0.29	4d14 2+0 d14	0.83	0.29 2+2d8/20 L=85	3.15	13.85	17,36,27,22
238s=1,m=52	NV,NV	695.0	0.68	0.33	4d14 0+0 d14	1.22	0.34 2+2d8/20 L=74	3.10	13.68	15,36,35,17
[b=1.0;1.0]		768.9	0.68	0.33	4d14 0+0 d14	0.57	0.34 2+2d8/20 L=74	3.10	13.68	15,36,35,17
M_P= 45 X=1707.1 Y=2290.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
45s=3,m=52	NV,NV	-20.0	0.77	1.23	4d14 2+0 d14	1.83	0.642+2d8/20 L=270	0.99	1.09	28,28,36,24
[b=1.0;1.0]		250.0	0.77	1.23	4d14 2+0 d14	1.22	0.632+2d8/20 L=270	0.99	1.09	27,28,36,24
160s=3,m=52	NV,ok	250.0	0.77	1.24	4d14 2+0 d14	2.29	0.462+2d8/20 L=360	0.79	0.89	27,26,11,27
[b=1.0;1.0]		610.0	0.77	1.24	4d14 2+0 d14	2.50	0.452+2d8/20 L=360	0.79	0.89	27,26,11,27
215s=3,m=52	NV,NV	610.0	0.77	0.29	4d14 2+0 d14	1.72	0.29 2+2d8/20 L=85	3.14	13.86	20,26,33,32
[b=1.0;1.0]		695.0	0.77	0.29	4d14 2+0 d14	0.82	0.29 2+2d8/20 L=85	3.15	13.86	15,26,33,32
239s=1,m=52	NV,NV	695.0	0.68	0.23	4d14 0+0 d14	1.18	0.34 2+2d8/20 L=74	3.10	13.63	17,26,25,15
[b=1.0;1.0]		768.9	0.68	0.23	4d14 0+0 d14	0.54	0.33 2+2d8/20 L=74	3.11	13.63	13,26,25,15
M_P= 46 X=2599.0 Y=2290.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
46s=3,m=52	NV,ok	-20.0	0.57	0.65	4d12 2+0 d12	2.67	0.612+2d8/20 L=270	0.93	0.93	27,26,26,24
[b=1.0;1.0]		250.0	0.57	0.65	4d12 2+0 d12	1.67	0.592+2d8/20 L=270	0.93	0.93	21,26,26,24
161s=3,m=52	NV,ok	250.0	0.57	1.22	4d12 2+0 d12	3.08	0.412+2d8/20 L=360	0.89	0.91	21,24,5,21
[b=1.0;1.0]		610.0	0.57	1.22	4d12 2+0 d12	3.50	0.392+2d8/20 L=360	0.90	0.91	21,24,5,21
219s=1,m=52	NV,NV	610.0	0.75	0.50	4d12 2+0 d12	2.28	0.272+2d8/20 L=159	1.00	2.68	14,24,8,27
[b=1.0;1.0]		768.9	0.75	0.50	4d12 2+0 d12	0.28	0.272+2d8/20 L=159	1.00	2.75	15,24,17,27
M_P= 47 X=543.0 Y=2352.5										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
47s=1,m=52	NV,ok	-20.0	0.50	1.25	4d12 0+0 d12	2.76	0.372+2d8/20 L=270	0.74	0.78	17,29,26,14
[b=1.0;1.0]		250.0	0.50	1.25	4d12 0+0 d12	2.77	0.362+2d8/20 L=270	0.75	0.78	14,29,26,14
M_P= 48 X=2153.0 Y=2352.5										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
48s=1,m=52	NV,ok	-20.0	0.50	1.14	4d12 0+0 d12	2.84	0.372+2d8/20 L=270	0.76	0.80	14,23,26,14
[b=1.0;1.0]		250.0	0.50	1.14	4d12 0+0 d12	2.84	0.362+2d8/20 L=270	0.77	0.80	14,23,26,14
M_P= 49 X=6.0 Y=2630.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
49s=3,m=52	NV,ok	-20.0	0.57	0.74	4d12 2+0 d12	3.44	0.602+2d8/20 L=270	1.00	0.95	30,15,36,36
[b=1.0;1.0]		250.0	0.57	0.74	4d12 2+0 d12	1.58	0.592+2d8/20 L=270	1.00	0.96	36,15,36,36
162s=3,m=52	NV,ok	250.0	0.57	0.57	4d12 2+0 d12	2.84	0.362+2d8/20 L=360	0.84	0.74	36,15,36,31
[b=1.0;1.0]		610.0	0.57	0.57	4d12 2+0 d12	3.29	0.352+2d8/20 L=360	0.85	0.74	30,15,36,31
M_P= 50 X=1080.0 Y=2630.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
50s=3,m=52	NV,NV	-20.0	0.57	0.72	4d12 2+0 d12	4.02	0.682+2d8/20 L=270	1.00	1.03	36,33,26,26
[b=1.0;1.0]		250.0	0.57	0.72	4d12 2+0 d12	1.39	0.672+2d8/20 L=270	1.00	1.04	36,33,30,26
163s=3,m=52	NV,ok	250.0	0.57	0.87	4d12 2+0 d12	2.89	0.442+2d8/20 L=360	0.87	0.74	36,33,26,33
[b=1.0;1.0]		610.0	0.57	0.87	4d12 2+0 d12	3.82	0.432+2d8/20 L=360	0.88	0.74	36,33,26,33
M_P= 51 X=1616.0 Y=2630.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
51s=3,m=52	NV,NV	-20.0	0.57	0.85	4d12 2+0 d12	4.43	0.702+2d8/20 L=270	1.00	1.05	26,27,24,24
[b=1.0;1.0]		250.0	0.57	0.85	4d12 2+0 d12	1.62	0.692+2d8/20 L=270	1.00	1.06	14,27,28,24
164s=3,m=52	NV,ok	250.0	0.57	0.85	4d12 2+0 d12	2.93	0.452+2d8/20 L=360	0.84	0.74	26,27,36,27
[b=1.0;1.0]		610.0	0.57	0.85	4d12 2+0 d12	3.89	0.442+2d8/20 L=360	0.85	0.74	26,27,36,27
M_P= 52 X=2690.0 Y=2630.0										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb
52s=3,m=52	NV,NV	-20.0	0.57	0.79	4d12 2+0 d12	3.47	0.612+2d8/20 L=270	1.00	1.03	24,17,26,26
[b=1.0;1.0]		250.0	0.57	0.79	4d12 2+0 d12	1.72	0.602+2d8/20 L=270	1.00	1.04	26,17,24,26
165s=3,m=52	NV,ok	250.0	0.57	1.23	4d12 2+0 d12	2.89	0.362+2d8/20 L=360	0.86	0.76	26,17,26,21
[b=1.0;1.0]		610.0	0.57	1.23	4d12 2+0 d12	3.34	0.352+2d8/20 L=360	0.87	0.76	26,17,26,21
M_P= 53 X=363.9 Y=2741.7										
Pilas. Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls	v V/T acc Rif. cmb

53s=3,m=52	NV,ok	-20.0	0.57	0.77	4d12 2+0 d12	3.04	0.312+2d8/20 L=270	0.90	0.84	17,31,36,17
[b=1.0;1.0]		250.0	0.57	0.77	4d12 2+0 d12	1.89	0.302+2d8/20 L=270	0.90	0.84	17,31,36,17
166s=3,m=52	NV,NV	250.0	0.57	0.34	4d12 2+0 d12	4.57	0.132+2d6/20 L=360	0.80	1.57	17,23,36,13
[b=1.0;1.0]		610.0	0.57	0.34	4d12 2+0 d12	5.19	0.112+2d6/20 L=360	0.81	1.57	17,23,36,13
M_P= 54 X=722.5 Y=2741.7										
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc Rif. cmb
54s=3,m=52	NV,ok	-20.0	0.57	0.92	4d12 2+0 d12	2.97	0.312+2d8/20 L=270	0.91	0.82	15,33,26,15
[b=1.0;1.0]		250.0	0.57	0.92	4d12 2+0 d12	1.84	0.302+2d8/20 L=270	0.91	0.82	15,33,26,15
167s=3,m=52	NV,ok	250.0	0.57	0.29	4d12 2+0 d12	4.61	0.112+2d8/20 L=360	0.85	0.89	15,33,27,15
[b=1.0;1.0]		610.0	0.57	0.29	4d12 2+0 d12	5.15	0.102+2d8/20 L=360	0.86	0.89	15,33,27,15
M_P= 55 X=1974.1 Y=2741.7										
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc Rif. cmb
55s=3,m=52	NV,ok	-20.0	0.57	0.68	4d12 2+0 d12	2.77	0.322+2d8/20 L=270	0.81	0.73	17,27,36,8
[b=1.0;1.0]		250.0	0.57	0.68	4d12 2+0 d12	1.40	0.302+2d8/20 L=270	0.82	0.73	17,27,36,8
168s=2,m=52	NV,ok	250.0	0.45	0.48	4d12 2+0 d12	4.87	0.102+2d8/20 L=360	0.81	0.95	17,27,17,17
[b=1.0;1.0]		610.0	0.45	0.48	4d12 2+0 d12	5.33	0.082+2d8/20 L=360	0.82	0.95	17,27,17,17
M_P= 56 X=2332.2 Y=2741.7										
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	verif.	ver.sis	Staffe	v V/T cls v V/T acc Rif. cmb
56s=3,m=52	NV,ok	-20.0	0.57	0.78	4d12 2+0 d12	3.42	0.342+2d8/20 L=270	0.97	0.88	20,17,26,14
[b=1.0;1.0]		250.0	0.57	0.78	4d12 2+0 d12	2.14	0.332+2d8/20 L=270	0.98	0.88	15,17,26,14
169s=3,m=52	NV,ok	250.0	0.57	0.42	4d12 2+0 d12	4.93	0.152+2d8/20 L=360	0.86	0.88	15,17,26,15
[b=1.0;1.0]		610.0	0.57	0.42	4d12 2+0 d12	5.69	0.132+2d8/20 L=360	0.87	0.88	15,17,26,15
Pilas.										
				%Af	r. snell.	verif.	ver.sis	v V/T cls v V/T acc		
				1.03	2.01	<u>6.42</u>	1.15	3.15 13.86		

Pilas.	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf	M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	Luce per V	V M2-2	V M3-3
					daN cm	daN cm	daN cm	daN cm	cm	daN	daN
1	0.0	0.0	0.0	0.0	7.375e+05	7.294e+05	1.035e+06	1.022e+06	245.00	6585.66	9234.65
2	0.0	0.0	0.0	0.0	8.146e+05	8.072e+05	1.153e+06	1.142e+06	245.00	7281.62	1.030e+04
3	0.0	0.0	0.0	0.0	7.616e+05	7.537e+05	1.071e+06	1.059e+06	245.00	6803.08	9566.11
4	0.0	0.0	0.0	0.0	8.358e+05	8.286e+05	1.186e+06	1.175e+06	245.00	7472.68	1.060e+04
5	0.0	0.0	0.0	0.0	9.186e+05	9.141e+05	1.348e+06	1.338e+06	245.00	8228.55	1.206e+04
6	0.0	0.0	0.0	0.0	9.940e+05	9.900e+05	1.506e+06	1.498e+06	245.00	8907.80	1.349e+04
7	0.0	0.0	0.0	0.0	9.930e+05	9.889e+05	1.504e+06	1.496e+06	245.00	8898.34	1.347e+04
8	0.0	0.0	0.0	0.0	9.227e+05	9.183e+05	1.357e+06	1.347e+06	245.00	8265.70	1.214e+04
9	0.0	0.0	0.0	0.0	1.420e+06	1.414e+06	2.523e+06	2.515e+06	245.00	1.273e+04	2.262e+04
10	0.0	0.0	0.0	0.0	5.393e+05	5.327e+05	5.393e+05	5.327e+05	245.00	4812.97	4812.97
11	0.0	0.0	0.0	0.0	5.223e+05	5.156e+05	5.223e+05	5.156e+05	245.00	4660.06	4660.06
12	0.0	0.0	0.0	0.0	1.336e+06	1.332e+06	1.857e+06	1.853e+06	245.00	1.198e+04	1.666e+04
13	0.0	0.0	0.0	0.0	9.556e+05	9.513e+05	1.427e+06	1.418e+06	245.00	8561.49	1.278e+04
14	0.0	0.0	0.0	0.0	9.535e+05	9.492e+05	1.423e+06	1.414e+06	245.00	8542.85	1.274e+04
15	0.0	0.0	0.0	0.0	6.197e+05	6.136e+05	6.197e+05	6.136e+05	245.00	5537.44	5537.44
16	0.0	0.0	0.0	0.0	1.522e+06	1.517e+06	2.676e+06	2.669e+06	245.00	1.364e+04	2.400e+04
17	0.0	0.0	0.0	0.0	5.864e+05	5.801e+05	5.864e+05	5.801e+05	245.00	5237.68	5237.68
18	0.0	0.0	0.0	0.0	1.519e+06	1.515e+06	2.672e+06	2.666e+06	245.00	1.362e+04	2.397e+04
19	0.0	0.0	0.0	0.0	1.569e+06	1.565e+06	2.747e+06	2.741e+06	245.00	1.407e+04	2.464e+04
20	0.0	0.0	0.0	0.0	1.514e+06	1.510e+06	2.665e+06	2.659e+06	245.00	1.358e+04	2.390e+04
21	0.0	0.0	0.0	0.0	5.379e+05	5.313e+05	5.379e+05	5.313e+05	245.00	4800.81	4800.81
22	0.0	0.0	0.0	0.0	4.143e+05	4.071e+05	4.143e+05	4.071e+05	245.00	3687.95	3687.95
23	0.0	0.0	0.0	0.0	4.269e+05	4.199e+05	4.269e+05	4.199e+05	245.00	3801.96	3801.96
24	0.0	0.0	0.0	0.0	5.592e+05	5.527e+05	5.592e+05	5.527e+05	245.00	4992.09	4992.09
25	0.0	0.0	0.0	0.0	5.670e+05	5.606e+05	5.670e+05	5.606e+05	245.00	5062.56	5062.56
26	0.0	0.0	0.0	0.0	3.783e+05	3.711e+05	3.783e+05	3.711e+05	245.00	3364.25	3364.25
27	0.0	0.0	0.0	0.0	6.271e+05	6.211e+05	6.271e+05	6.211e+05	245.00	5604.51	5604.51
28	0.0	0.0	0.0	0.0	1.493e+06	1.489e+06	2.634e+06	2.627e+06	245.00	1.339e+04	2.362e+04
29	0.0	0.0	0.0	0.0	5.153e+05	5.086e+05	5.153e+05	5.086e+05	245.00	4597.31	4597.31
30	0.0	0.0	0.0	0.0	1.534e+06	1.529e+06	2.694e+06	2.688e+06	245.00	1.375e+04	2.416e+04
31	0.0	0.0	0.0	0.0	5.400e+05	5.334e+05	5.400e+05	5.334e+05	245.00	4819.53	4819.53
32	0.0	0.0	0.0	0.0	1.546e+06	1.542e+06	2.713e+06	2.707e+06	245.00	1.386e+04	2.433e+04
33	0.0	0.0	0.0	0.0	5.996e+05	5.933e+05	5.996e+05	5.933e+05	245.00	5355.87	5355.87
34	0.0	0.0	0.0	0.0	1.500e+06	1.495e+06	2.643e+06	2.636e+06	245.00	1.345e+04	2.370e+04
35	0.0	0.0	0.0	0.0	8.940e+05	8.894e+05	1.293e+06	1.283e+06	245.00	8007.18	1.157e+04
36	0.0	0.0	0.0	0.0	5.050e+05	4.983e+05	5.050e+05	4.983e+05	245.00	4504.55	4504.55
37	0.0	0.0	0.0	0.0	1.412e+06	1.407e+06	2.511e+06	2.503e+06	245.00	1.265e+04	2.251e+04
38	0.0	0.0	0.0	0.0	5.327e+05	5.261e+05	5.327e+05	5.261e+05	245.00	4753.81	4753.81
39	0.0	0.0	0.0	0.0	1.402e+06	1.396e+06	2.495e+06	2.487e+06	245.00	1.256e+04	2.237e+04
40	0.0	0.0	0.0	0.0	8.829e+05	8.783e+05	1.268e+06	1.257e+06	245.00	7907.56	1.134e+04
41	0.0	0.0	0.0	0.0	4.286e+05	4.215e+05	4.286e+05	4.215e+05	245.00	3816.88	3816.88
42	0.0	0.0	0.0	0.0	4.492e+05	4.422e+05	4.492e+05	4.422e+05	245.00	4001.83	4001.83
43	0.0	0.0	0.0	0.0	8.952e+05	8.906e+05	1.296e+06	1.285e+06	245.00	8017.76	1.159e+04
44	0.0	0.0	0.0	0.0	1.021e+06	1.017e+06	1.538e+06	1.528e+06	245.00	9149.16	1.376e+04
45	0.0	0.0	0.0	0.0	1.021e+06	1.016e+06	1.537e+06	1.527e+06	245.00	9145.86	1.376e+04
46	0.0	0.0	0.0	0.0	8.961e+05	8.915e+05	1.298e+06	1.288e+06	245.00	8025.90	1.161e+04
47	0.0	0.0	0.0	0.0	5.447e+05	5.382e+05	5.447e+05	5.382e+05	245.00	4862.15	4862.15

48	0.0	0.0	0.0	0.0	5.448e+05	5.383e+05	5.448e+05	5.383e+05	245.00	4862.89	4862.89
49	0.0	0.0	0.0	0.0	8.950e+05	8.904e+05	1.295e+06	1.285e+06	245.00	8016.17	1.159e+04
50	0.0	0.0	0.0	0.0	9.263e+05	9.219e+05	1.365e+06	1.355e+06	245.00	8297.94	1.221e+04
51	0.0	0.0	0.0	0.0	9.327e+05	9.283e+05	1.379e+06	1.369e+06	245.00	8355.24	1.234e+04
52	0.0	0.0	0.0	0.0	8.969e+05	8.923e+05	1.300e+06	1.289e+06	245.00	8033.28	1.162e+04
53	0.0	0.0	0.0	0.0	7.175e+05	7.092e+05	1.004e+06	9.918e+05	245.00	6405.57	8961.94
54	0.0	0.0	0.0	0.0	7.142e+05	7.059e+05	9.993e+05	9.868e+05	245.00	6375.72	8916.93
55	0.0	0.0	0.0	0.0	7.187e+05	7.105e+05	1.006e+06	9.937e+05	245.00	6416.95	8979.16
56	0.0	0.0	0.0	0.0	7.342e+05	7.260e+05	1.030e+06	1.017e+06	245.00	6555.97	9189.56
134	0.0	0.0	0.0	0.0	5.709e+05	5.586e+05	7.872e+05	7.695e+05	310.00	4007.82	5523.72
135	0.0	0.0	0.0	0.0	5.690e+05	5.567e+05	7.845e+05	7.667e+05	310.00	3994.45	5504.35
136	0.0	0.0	0.0	0.0	6.049e+05	5.929e+05	8.369e+05	8.193e+05	310.00	4250.45	5876.86
137	0.0	0.0	0.0	0.0	6.071e+05	5.950e+05	8.400e+05	8.224e+05	310.00	4265.49	5898.88
138	0.0	0.0	0.0	0.0	7.759e+05	7.655e+05	1.093e+06	1.077e+06	305.00	5559.21	7829.05
139	0.0	0.0	0.0	0.0	8.995e+05	8.934e+05	1.306e+06	1.292e+06	310.00	6361.75	9216.45
140	0.0	0.0	0.0	0.0	8.997e+05	8.937e+05	1.306e+06	1.292e+06	310.00	6363.67	9220.79
141	0.0	0.0	0.0	0.0	7.698e+05	7.594e+05	1.084e+06	1.068e+06	305.00	5515.18	7761.50
142	0.0	0.0	0.0	0.0	1.334e+06	1.327e+06	2.390e+06	2.377e+06	310.00	9443.26	1.691e+04
143	0.0	0.0	0.0	0.0	1.328e+06	1.320e+06	2.378e+06	2.366e+06	310.00	9394.11	1.683e+04
144	0.0	0.0	0.0	0.0	8.167e+05	8.068e+05	1.157e+06	1.141e+06	305.00	5855.26	8286.91
145	0.0	0.0	0.0	0.0	8.366e+05	8.270e+05	1.188e+06	1.173e+06	305.00	5999.77	8512.67
146	0.0	0.0	0.0	0.0	1.365e+06	1.357e+06	2.439e+06	2.427e+06	295.00	1.015e+04	1.815e+04
147	0.0	0.0	0.0	0.0	1.461e+06	1.455e+06	2.585e+06	2.575e+06	295.00	1.087e+04	1.924e+04
148	0.0	0.0	0.0	0.0	1.459e+06	1.452e+06	2.581e+06	2.571e+06	295.00	1.085e+04	1.921e+04
149	0.0	0.0	0.0	0.0	1.353e+06	1.346e+06	2.421e+06	2.408e+06	295.00	1.007e+04	1.801e+04
150	0.0	0.0	0.0	0.0	1.373e+06	1.366e+06	2.453e+06	2.442e+06	295.00	1.022e+04	1.825e+04
151	0.0	0.0	0.0	0.0	1.483e+06	1.477e+06	2.618e+06	2.609e+06	295.00	1.104e+04	1.949e+04
152	0.0	0.0	0.0	0.0	1.476e+06	1.470e+06	2.608e+06	2.598e+06	295.00	1.098e+04	1.941e+04
153	0.0	0.0	0.0	0.0	1.371e+06	1.364e+06	2.449e+06	2.438e+06	295.00	1.020e+04	1.822e+04
154	0.0	0.0	0.0	0.0	7.947e+05	7.846e+05	1.122e+06	1.107e+06	310.00	5603.92	7909.86
155	0.0	0.0	0.0	0.0	1.337e+06	1.329e+06	2.393e+06	2.381e+06	310.00	9458.41	1.694e+04
156	0.0	0.0	0.0	0.0	1.342e+06	1.334e+06	2.402e+06	2.389e+06	310.00	9495.31	1.700e+04
157	0.0	0.0	0.0	0.0	8.037e+05	7.937e+05	1.136e+06	1.121e+06	310.00	5668.17	8009.29
158	0.0	0.0	0.0	0.0	7.820e+05	7.717e+05	1.103e+06	1.087e+06	310.00	5512.98	7769.60
159	0.0	0.0	0.0	0.0	9.541e+05	9.448e+05	1.372e+06	1.356e+06	310.00	6738.08	9680.15
160	0.0	0.0	0.0	0.0	9.534e+05	9.441e+05	1.370e+06	1.355e+06	310.00	6732.94	9671.69
161	0.0	0.0	0.0	0.0	7.821e+05	7.718e+05	1.103e+06	1.087e+06	310.00	5513.91	7771.02
162	0.0	0.0	0.0	0.0	7.513e+05	7.406e+05	1.056e+06	1.039e+06	310.00	5293.67	7433.63
163	0.0	0.0	0.0	0.0	8.076e+05	7.976e+05	1.142e+06	1.127e+06	310.00	5695.81	8052.20
164	0.0	0.0	0.0	0.0	8.126e+05	8.027e+05	1.150e+06	1.135e+06	310.00	5731.55	8107.72
165	0.0	0.0	0.0	0.0	7.524e+05	7.418e+05	1.057e+06	1.041e+06	310.00	5301.84	7446.07
166	0.0	0.0	0.0	0.0	5.766e+05	5.642e+05	7.955e+05	7.776e+05	310.00	4048.16	5581.88
167	0.0	0.0	0.0	0.0	5.633e+05	5.510e+05	7.763e+05	7.585e+05	310.00	3954.07	5445.91
168	0.0	0.0	0.0	0.0	5.791e+05	5.633e+05	1.008e+06	9.793e+05	310.00	4053.76	7052.89
169	0.0	0.0	0.0	0.0	5.913e+05	5.792e+05	8.170e+05	7.993e+05	310.00	4153.39	5735.23
214	0.0	0.0	0.0	0.0	8.442e+05	8.417e+05	1.195e+06	1.191e+06	35.70	5.195e+04	7.353e+04
215	0.0	0.0	0.0	0.0	8.473e+05	8.412e+05	1.194e+06	1.190e+06	35.70	5.192e+04	7.348e+04
218	0.0	0.0	0.0	0.0	6.153e+05	6.118e+05	6.250e+05	6.211e+05	110.34	1.223e+04	1.242e+04
219	0.0	0.0	0.0	0.0	6.155e+05	6.120e+05	6.253e+05	6.213e+05	110.34	1.224e+04	1.243e+04
228	0.0	0.0	0.0	0.0	9.408e+05	9.358e+05	1.350e+06	1.342e+06	140.00	1.474e+04	2.115e+04
229	0.0	0.0	0.0	0.0	9.478e+05	9.429e+05	1.361e+06	1.353e+06	140.00	1.486e+04	2.133e+04
230	0.0	0.0	0.0	0.0	1.170e+06	1.167e+06	1.641e+06	1.637e+06	110.00	2.336e+04	3.278e+04
231	0.0	0.0	0.0	0.0	1.167e+06	1.164e+06	1.638e+06	1.634e+06	110.00	2.332e+04	3.272e+04
232	0.0	0.0	0.0	0.0	1.184e+06	1.181e+06	1.660e+06	1.656e+06	110.00	2.366e+04	3.317e+04
233	0.0	0.0	0.0	0.0	1.183e+06	1.180e+06	1.659e+06	1.655e+06	110.00	2.364e+04	3.314e+04
234	0.0	0.0	0.0	0.0	1.178e+06	1.175e+06	1.652e+06	1.648e+06	140.00	1.849e+04	2.594e+04
235	0.0	0.0	0.0	0.0	1.184e+06	1.180e+06	1.659e+06	1.655e+06	140.00	1.857e+04	2.604e+04
238	0.0	0.0	0.0	0.0	6.233e+05	6.215e+05	6.233e+05	6.215e+05	26.04	5.259e+04	5.259e+04
239	0.0	0.0	0.0	0.0	6.215e+05	6.197e+05	6.215e+05	6.197e+05	26.04	5.243e+04	5.243e+04
240	0.0	0.0	0.0	0.0	6.976e+05	6.893e+05	9.743e+05	9.618e+05	213.16	7156.77	9991.14
241	0.0	0.0	0.0	0.0	7.146e+05	7.064e+05	9.999e+05	9.876e+05	213.16	7332.94	1.026e+04
250	0.0	0.0	0.0	0.0	6.865e+05	6.776e+05	9.577e+05	9.443e+05	236.31	6349.54	8853.35
251	0.0	0.0	0.0	0.0	6.963e+05	6.874e+05	9.723e+05	9.590e+05	236.31	6440.65	8989.85
252	0.0	0.0	0.0	0.0	8.130e+05	8.034e+05	1.147e+06	1.132e+06	269.92	6587.28	9284.32
253	0.0	0.0	0.0	0.0	8.037e+05	7.940e+05	1.132e+06	1.117e+06	269.92	6511.25	9167.02
254	0.0	0.0	0.0	0.0	9.986e+05	9.890e+05	1.391e+06	1.378e+06	269.92	8099.92	1.128e+04
255	0.0	0.0	0.0	0.0	8.026e+05	7.929e+05	1.131e+06	1.115e+06	269.92	6502.16	9153.04
273	0.0	0.0	0.0	0.0	9.624e+05	9.609e+05	1.389e+06	1.385e+06	45.97	4.602e+04	6.639e+04
274	0.0	0.0	0.0	0.0	9.686e+05	9.671e+05	1.406e+06	1.402e+06	45.97	4.632e+04	6.717e+04
276	0.0	0.0	0.0	0.0	8.551e+05	8.492e+05	1.212e+06	1.203e+06	140.39	1.335e+04	1.892e+04
277	0.0	0.0	0.0	0.0	8.518e+05	8.459e+05	1.207e+06	1.198e+06	140.39	1.330e+04	1.884e+04
280	0.0	0.0	0.0	0.0	8.897e+05	8.833e+05	1.267e+06	1.257e+06	167.35	1.165e+04	1.659e+04
281	0.0	0.0	0.0	0.0	8.872e+05	8.807e+05	1.263e+06	1.253e+06	167.34	1.162e+04	1.654e+04

Pilas.

M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	V M2-2	V M3-3
1.569e+06	1.565e+06	2.747e+06	2.741e+06	5.259e+04	7.353e+04

Pilas.I	Pilas.S	NodoSL	codver. (+)	V + daN	V + af s daN	N + daN	ver. (-)	V - daN	V - af s daN	N - daN	Area G cm2	Rif. cmb
1	134	57 SLV:NV	3.05	-7250.39	4.402e+04	1484.23	0.66	-8870.18	4.714e+04	8703.13	1200.0	31(2),16(2)
2	135	58 SLV:NV	3.34	7069.27	-4.714e+04	1172.41	0.63	7069.27	-4.714e+04	1172.41	1200.0	25(2),25(2)
3	136	59 SLV:NV	3.25	6841.34	-4.613e+04	1853.06	0.66	8340.51	-4.714e+04	7623.34	1200.0	21(2),14(2)
4	137	60 SLV:NV	3.07	-6470.09	4.348e+04	1408.31	0.64	-1.023e+04	4.714e+04	8796.90	1200.0	31(2),12(2)
5	138	61 SLV:NV	1.78	-9011.97	4.012e+04	2.514e+04	0.71	-9011.97	4.012e+04	2.514e+04	1200.0	36(2),36(2)
6	139	62 SLV:NV	1.39	4331.11	-2.931e+04	2.142e+04	0.82	5802.86	-3.051e+04	4.178e+04	1200.0	21(3),10(3)
7	140	63 SLV:NV	1.09	3269.69	-2.344e+04	1.889e+04	0.82	-8178.50	3.051e+04	4.387e+04	1200.0	23(3),24(2)
8	141	64 SLV:NV	1.53	4913.28	-3.051e+04	1.830e+04	0.67	4686.52	-3.051e+04	2.747e+04	1200.0	25(3),14(3)
10		66 SLV:NV	3.17	0.0	2.805e+04	0.0	0.58	0.0	2.805e+04	0.0	900.0	8(2),8(2)
11		67 SLV:NV	2.97	0.0	2.630e+04	0.0	0.54	0.0	2.630e+04	0.0	900.0	11(2),11(2)
12	143	68 SLV:NV	1.10	5476.28	-3.200e+04	4.092e+04	0.86	1533.57	1.115e+04	5.286e+04	1200.0	10(3),23(3)
13	144	69 SLV:NV	1.41	1.164e+04	-3.855e+04	2.701e+04	0.73	6061.65	-3.326e+04	3.182e+04	1200.0	33(2),7(3)
14	145	70 SLV:ok	0.99	-5359.49	2.662e+04	2.699e+04	0.60	-5359.49	2.662e+04	2.699e+04	1200.0	15(2),15(2)
15		71 SLV:NV	1.93	0.0	-1.711e+04	0.0	0.35	0.0	-1.711e+04	0.0	900.0	31(3),31(3)
16	146	74 SLV:NV	1.51	-1.469e+04	5.736e+04	5.963e+04	1.01	-1.469e+04	5.736e+04	5.963e+04	1500.0	31(2),31(2)
17		75 SLV:NV	2.90	0.0	-2.569e+04	0.0	0.53	0.0	-2.569e+04	0.0	900.0	5(2),5(2)
18	147	76 SLV:NV	1.07	-1.106e+04	4.410e+04	5.298e+04	1.12	1.289e+04	-4.714e+04	7.783e+04	1500.0	36(2),29(2)
19	148	77 SLV:NV	0.86	-1.026e+04	3.898e+04	5.256e+04	1.10	1.313e+04	-4.497e+04	7.752e+04	1500.0	26(2),27(2)
20	149	78 SLV:NV	1.32	-9544.26	4.714e+04	5.320e+04	0.91	-9972.77	4.714e+04	5.426e+04	1500.0	33(2),9(2)
21		79 SLV:NV	3.84	0.0	3.405e+04	0.0	0.70	0.0	3.405e+04	0.0	900.0	16(2),16(2)
22		81 SLV:NV	2.24	0.0	-1.980e+04	0.0	0.41	0.0	-1.980e+04	0.0	900.0	13(2),13(2)
23		82 SLV:NV	3.05	0.0	-2.699e+04	0.0	0.56	0.0	-2.699e+04	0.0	900.0	31(3),31(3)
24		83 SLV:NV	1.95	0.0	-1.726e+04	0.0	0.36	0.0	-1.726e+04	0.0	900.0	29(3),29(3)
25		84 SLV:NV	3.12	0.0	-2.761e+04	0.0	0.57	0.0	-2.761e+04	0.0	900.0	21(3),21(3)
26		85 SLV:NV	2.78	0.0	-2.459e+04	0.0	0.51	0.0	-2.459e+04	0.0	900.0	13(2),13(2)
27		86 SLV:NV	4.19	0.0	-3.715e+04	0.0	0.77	0.0	-3.715e+04	0.0	900.0	5(2),5(2)
28	150	88 SLV:NV	1.07	7594.75	-4.098e+04	5.479e+04	0.91	7110.03	-3.932e+04	5.903e+04	1500.0	15(3),20(3)
29		89 SLV:NV	2.69	0.0	-2.386e+04	0.0	0.49	0.0	-2.386e+04	0.0	900.0	17(2),17(2)
30	151	90 SLV:NV	1.46	1.070e+04	-4.699e+04	3.969e+04	1.19	-1.372e+04	4.936e+04	8.256e+04	1500.0	35(2),30(2)
31		91 SLV:NV	1.90	0.0	1.687e+04	0.0	0.35	0.0	1.687e+04	0.0	900.0	32(3),32(3)
32	152	92 SLV:NV	1.47	1.068e+04	-4.714e+04	3.953e+04	1.17	-1.346e+04	4.936e+04	8.109e+04	1500.0	25(2),24(2)
33		93 SLV:NV	2.70	0.0	2.390e+04	0.0	0.49	0.0	2.390e+04	0.0	900.0	15(2),15(2)
34	153	94 SLV:NV	1.31	-7783.58	4.512e+04	5.246e+04	0.93	-7414.23	4.365e+04	5.799e+04	1500.0	13(3),14(3)
35	154	97 SLV:NV	1.40	4034.07	-3.141e+04	2.884e+04	0.70	4034.07	-3.141e+04	2.884e+04	1200.0	20(3),20(3)
36		98 SLV:NV	2.60	0.0	-2.306e+04	0.0	0.48	0.0	-2.306e+04	0.0	900.0	17(2),17(2)
37	155	99 SLV:NV	1.74	1.396e+04	-5.935e+04	5.462e+04	0.99	1.396e+04	-5.935e+04	5.462e+04	1500.0	31(2),31(2)
38		100 SLV:NV	2.10	0.0	-1.862e+04	0.0	0.38	0.0	-1.862e+04	0.0	900.0	29(3),29(3)
39	156	101 SLV:NV	1.60	-9805.99	4.936e+04	4.240e+04	0.90	1.175e+04	-4.714e+04	5.500e+04	1500.0	32(2),29(2)
40	157	102 SLV:NV	1.62	1.120e+04	-4.104e+04	2.747e+04	0.74	1.017e+04	-3.959e+04	2.978e+04	1200.0	27(2),21(2)
41		103 SLV:NV	2.65	0.0	-2.344e+04	0.0	0.48	0.0	-2.344e+04	0.0	900.0	14(2),14(2)
42		105 SLV:NV	2.28	0.0	-2.015e+04	0.0	0.42	0.0	-2.015e+04	0.0	900.0	14(2),14(2)
43	158	107 SLV:NV	2.26	8892.78	-4.271e+04	1.619e+04	0.79	-8305.41	4.271e+04	2.793e+04	1200.0	33(2),32(2)
44	159	108 SLV:NV	2.50	-1.024e+04	5.324e+04	3.302e+04	0.97	-1.024e+04	5.324e+04	3.302e+04	1200.0	32(2),32(2)
45	160	109 SLV:NV	2.52	8934.25	-4.936e+04	2.509e+04	0.93	-8631.42	4.936e+04	3.252e+04	1200.0	31(2),28(2)
46	161	110 SLV:NV	2.73	1.125e+04	-5.048e+04	1.541e+04	0.79	-8002.57	4.271e+04	2.778e+04	1200.0	21(2),22(2)
47		111 SLV:NV	2.67	0.0	-2.361e+04	0.0	0.49	0.0	-2.361e+04	0.0	900.0	17(2),17(2)
48		112 SLV:NV	2.74	0.0	-2.430e+04	0.0	0.50	0.0	-2.430e+04	0.0	900.0	14(2),14(2)
49	162	113 SLV:NV	1.75	5075.12	-3.051e+04	1.051e+04	0.64	5126.78	-3.051e+04	2.578e+04	1200.0	36(3),15(3)
50	163	114 SLV:NV	1.78	-4775.48	3.051e+04	1.043e+04	0.68	9236.56	-3.272e+04	3.171e+04	1200.0	26(3),33(2)
51	164	115 SLV:NV	1.74	4539.38	-2.975e+04	1.029e+04	0.67	5115.66	-3.051e+04	2.845e+04	1200.0	36(3),15(3)
52	165	116 SLV:NV	1.76	-4889.24	3.051e+04	1.093e+04	0.64	-5053.70	3.051e+04	2.590e+04	1200.0	22(3),17(3)
53	166	117 SLV:NV	3.16	9011.67	-4.714e+04	1626.18	0.66	-8794.69	4.714e+04	8691.57	1200.0	18(2),15(2)
54	167	118 SLV:NV	3.30	7549.91	-4.714e+04	1336.54	0.65	-8149.24	4.700e+04	6463.33	1200.0	26(2),27(2)
55	168	119 SLV:NV	3.15	-9249.16	4.714e+04	1435.88	0.62	1.056e+04	-4.714e+04	6989.38	1200.0	36(2),33(2)
56	169	120 SLV:NV	3.25	-8745.97	4.714e+04	142.59	0.68	9196.12	-4.714e+04	1.061e+04	1200.0	16(2),17(2)
134		123 SLV:NV	4.57	0.0	5.395e+04	0.0	0.84	0.0	5.395e+04	0.0	1200.0	11(2),11(2)
135		124 SLV:NV	4.13	0.0	-4.882e+04	0.0	0.76	0.0	-4.882e+04	0.0	1200.0	6(2),6(2)
136		125 SLV:NV	4.13	0.0	-4.882e+04	0.0	0.76	0.0	-4.882e+04	0.0	1200.0	5(2),5(2)
137		126 SLV:NV	4.47	0.0	5.280e+04	0.0	0.82	0.0	5.280e+04	0.0	1200.0	11(2),11(2)
138		127 SLV:NV	2.41	0.0	2.846e+04	0.0	0.44	0.0	2.846e+04	0.0	1200.0	36(2),36(2)
139		128 SLV:NV	2.05	0.0	-2.426e+04	0.0	0.38	0.0	-2.426e+04	0.0	1200.0	22(2),22(2)
140		129 SLV:NV	2.17	0.0	2.568e+04	0.0	0.40	0.0	2.568e+04	0.0	1200.0	24(2),24(2)
141		130 SLV:NV	2.40	0.0	-2.838e+04	0.0	0.44	0.0	-2.838e+04	0.0	1200.0	26(2),26(2)
142	229	132 SLV:NV	2.49	-4421.74	-3.995e+04	1.679e+04	0.74	5007.66	3.605e+04	3.129e+04	1500.0	30(2),31(2)
143	228	131 SLV:NV	2.08	-3741.76	-3.326e+04	1.406e+04	0.56	-3620.30	-3.326e+04	1.490e+04	1500.0	26(2),30(2)
144	240	133 SLV:NV	2.57	1472.49	-3.796e+04	1.362e+04	0.68	1472.49	-3.796e+04	1.362e+04	1200.0	33(2),33(2)
145	241	134 SLV:NV	2.48	-929.51	3.306e+04	5943.87	0.68	-2030.32	3.464e+04	1.960e+04	1200.0	15(2),21(2)
146	252	137 SLV:NV	2.14	-1635.53	4.009e+04	1.531e+04	0.58	-1635.53	4.009e+04	1.531e+04	1500.0	8(3),8(3)
147	230	138 SLV:NV	1.34	-4960.57	-2.894e+04	3.837e+04	0.73	-4824.25	-2.937e+04	3.942e+04	1500.0	33(2),31(2)
148	231	139 SLV:NV	1.35	-5045.60	-2.916e+04	3.899e+04	0.73	-5045.60	-2.916e+04	3.899e+04	1500.0	21(2),21(2)
149	253	140 SLV:NV	2.11	-1337.17	3.927e+04	1.496e+04	0.57	-1337.17	3.927e+04	1.496e+04	1500.0	21(2),21(2)
150	254	141 SLV:NV	2.05	2113.67	-3.886e+04	1.447e+04	0.56	2133.64	-3.888e+04	1.477e+04	1500.0	16(3),20(3)

151	232	142 SLV:NV	1.26	3999.43	2.928e+04	4.114e+04	0.74	3814.51	2.890e+04	4.215e+04	1500.0	30(2),36(2)
152	233	143 SLV:NV	1.24	4089.37	2.880e+04	4.107e+04	0.73	4089.37	2.880e+04	4.107e+04	1500.0	24(2),24(2)
153	255	144 SLV:NV	2.05	-2185.99	3.907e+04	1.469e+04	0.56	-2185.99	3.907e+04	1.469e+04	1500.0	14(3),14(3)
154	250	147 SLV:NV	2.76	-575.26	-3.756e+04	1.199e+04	0.69	-575.26	-3.756e+04	1.199e+04	1200.0	33(2),33(2)
155	234	148 SLV:NV	2.56	-4256.10	-4.981e+04	3.978e+04	0.97	-4313.89	-4.990e+04	4.054e+04	1500.0	29(2),33(2)
156	235	149 SLV:NV	2.52	-4394.25	-4.955e+04	4.087e+04	0.98	-4221.48	-4.990e+04	4.162e+04	1500.0	23(2),27(2)
157	251	150 SLV:NV	2.40	-631.68	-3.326e+04	1.211e+04	0.66	-44.59	-3.326e+04	1.639e+04	1200.0	27(2),25(2)
158	218	151 SLV:NV	3.56	-2499.26	-4.095e+04	2788.88	0.81	1463.63	4.323e+04	1.456e+04	1200.0	31(2),30(2)
159	214	152 SLV:NV	2.93	-406.68	-3.866e+04	9451.73	0.77	-1514.36	3.903e+04	2.104e+04	1200.0	33(2),36(2)
160	215	153 SLV:NV	2.91	-371.26	-3.843e+04	9535.09	0.68	-371.26	-3.843e+04	9535.09	1200.0	27(2),27(2)
161	219	154 SLV:NV	3.61	-2584.35	-4.141e+04	2701.01	0.81	1481.18	4.317e+04	1.459e+04	1200.0	21(2),24(2)
162		155 SLV:NV	2.46	0.0	-2.905e+04	0.0	0.45	0.0	-2.905e+04	0.0	1200.0	31(2),31(2)
163		156 SLV:NV	2.07	0.0	2.441e+04	0.0	0.38	0.0	2.441e+04	0.0	1200.0	14(3),14(3)
164		157 SLV:NV	2.11	0.0	2.495e+04	0.0	0.39	0.0	2.495e+04	0.0	1200.0	17(3),17(3)
165		158 SLV:NV	2.49	0.0	-2.938e+04	0.0	0.46	0.0	-2.938e+04	0.0	1200.0	21(2),21(2)
166		159 SLV:NV	4.12	0.0	-4.869e+04	0.0	0.75	0.0	-4.869e+04	0.0	1200.0	17(2),17(2)
167		160 SLV:NV	3.95	0.0	-4.662e+04	0.0	0.72	0.0	-4.662e+04	0.0	1200.0	14(2),14(2)
168		161 SLV:NV	3.76	0.0	5.546e+04	0.0	0.69	0.0	5.546e+04	0.0	1500.0	20(2),20(2)
169		162 SLV:NV	3.96	0.0	4.680e+04	0.0	0.72	0.0	4.680e+04	0.0	1200.0	15(2),15(2)
214	238	163 SLV:ok	0.47	1039.62	-9858.61	8321.87	0.36	6508.06	4443.49	1.821e+04	1200.0	33(2),36(2)
215	239	164 SLV:ok	0.47	1028.76	-9840.84	8383.56	0.36	6305.36	4392.32	1.804e+04	1200.0	27(2),26(2)
228		181 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	7(3),7(3)
229		182 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	5(3),5(3)
230	276	183 SLV:ok	0.16	233.68	-4694.77	8845.71	0.35	-3992.60	964.35	2.217e+04	1200.0	34(2),31(2)
231	277	184 SLV:ok	0.18	239.07	-4973.59	8471.45	0.34	-3807.65	827.73	2.182e+04	1200.0	28(2),21(2)
232	280	185 SLV:ok	0.25	-292.54	6280.28	9177.59	0.40	4721.09	-2609.15	2.583e+04	1200.0	29(2),36(2)
233	281	186 SLV:ok	0.24	-250.90	6053.98	9158.98	0.40	4626.79	-2684.71	2.555e+04	1200.0	23(2),26(2)
234	273	187 SLV:ok	0.22	7234.09	0.0	1.718e+04	0.54	5505.13	0.0	3.432e+04	1200.0	6(3),33(3)
235	274	188 SLV:ok	0.21	-7670.36	0.0	2.175e+04	0.56	-5783.81	0.0	3.550e+04	1200.0	20(3),27(3)
253		202 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	5(3),5(3)
255		204 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	5(3),5(3)
273		194 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	5(3),5(3)
274		195 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	7(3),7(3)
276		205 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	5(3),5(3)
277		206 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	5(3),5(3)
280		207 SLV:NV	1.41	0.0	-1.663e+04	0.0	0.26	0.0	-1.663e+04	0.0	1200.0	5(3),5(3)
281		208 SLV:NV	1.41	0.0	1.663e+04	0.0	0.26	0.0	1.663e+04	0.0	1200.0	5(3),5(3)

Pilas.I**ver. (+)**0.16
4.57**ver. (-)**0.26
1.19

Trave	Note	Pos. cm	%Af	Af inf.	Af. sup	Af long.	x/d	M_T= 1	Z=250.0	P=1	P=6	Staffe	Rif. cmb
								V N/M	V V/T cls	V V/T acc	L=cm		
59	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	4.00	0.67	0.64	2d8/20 L=44	10,26,5	
	s=2,m=52	176.6	0.36	5.3	2.3	0.0	0.12	0.47	0.46	0.50	2d8/25 L=233	2,26,5	
		353.3	0.30	3.1	4.5	0.0	0.10	3.47	0.69	0.67	2d8/20 L=38	10,26,5	
57	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.38	0.74	0.74	2d8/20 L=38	5,14,5	
	s=2,m=52	167.0	0.28	4.2	2.3	0.0	0.10	0.36	0.47	0.53	2d8/25 L=214	2,14,5	
		334.0	0.38	3.1	5.7	0.0	0.11	3.46	0.73	0.73	2d8/20 L=37	8,14,5	
61	NV,ok	0.0	0.30	3.1	4.5	0.0	0.10	3.20	0.75	0.62	2d8/20 L=39	8,33,5	
	s=2,m=52	176.1	0.36	5.3	2.3	0.0	0.12	0.38	0.56	0.50	2d8/25 L=232	2,33,5	
		352.2	0.38	3.1	5.7	0.0	0.11	3.78	0.75	0.62	2d8/20 L=44	8,33,5	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	M_T= 2	Z=250.0	P=2	P=8	Staffe	Rif. cmb
								V N/M	V V/T cls	V V/T acc	L=cm		
62	NV,ok	0.0	0.30	3.1	4.5	0.0	0.10	3.69	0.84	0.66	2d8/20 L=44	10,21,5	
	s=2,m=52	176.1	0.36	5.3	2.3	0.0	0.12	0.62	0.59	0.47	2d8/25 L=232	2,21,5	
		352.2	0.30	3.1	4.5	0.0	0.10	3.52	0.97	0.90	2d8/20 L=38	10,21,2	
58	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.19	0.94	0.97	2d8/20 L=38	5,15,5	
	s=2,m=52	167.0	0.28	4.2	2.3	0.0	0.10	0.78	0.47	0.54	2d8/25 L=214	2,15,5	
		334.0	0.38	3.1	5.7	0.0	0.11	3.01	0.96	0.99	2d8/20 L=37	10,15,5	
60	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.13	0.92	0.97	2d8/20 L=39	8,33,2	
	s=2,m=52	176.6	0.36	5.3	2.3	0.0	0.12	0.66	0.52	0.56	2d8/25 L=233	2,33,5	
		353.2	0.38	3.1	5.7	0.0	0.11	4.04	0.75	0.72	2d8/20 L=44	8,33,5	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	M_T= 3	Z=250.0	P=6	P=50	Staffe	Rif. cmb
								V N/M	V V/T cls	V V/T acc	L=cm		
63	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.62	0.53	0.50	2d8/20 L=35	30,11,5	
	s=2,m=52	202.0	0.28	4.2	2.3	0.0	0.10	0.21	0.39	0.42	2d8/25 L=284	2,11,5	
		403.9	0.30	3.1	4.5	0.0	0.10	3.51	0.48	0.44	2d8/20 L=40	31,11,5	
72	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	2.97	0.43	0.34	2d8/20 L=32	31,20,5	
	s=2,m=52	235.0	0.36	5.3	2.3	0.0	0.12	0.07	0.39	0.37	2d8/25 L=350	24,20,5	
		469.9	0.38	3.1	5.7	0.0	0.11	3.33	0.43	0.34	2d8/20 L=35	30,20,5	
83	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	2.95	0.72	0.44	2d8/20 L=35	31,5,5	
	s=2,m=52	170.0	0.28	4.2	2.3	0.0	0.10	1.16	0.69	0.51	2d8/25 L=220	36,5,5	

		340.0	0.38	3.1	5.7	0.0	0.11	0.88	0.72	0.44	2d8/20 L=45	31,5,5
91	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	0.97	0.80	0.49	2d8/20 L=45	31,14,5
	s=2,m=52	155.0	0.28	4.2	3.4	0.0	0.09	0.93	0.77	0.57	2d8/25 L=190	31,14,5
		310.0	0.38	3.1	5.7	0.0	0.11	2.97	0.80	0.49	2d8/20 L=35	36,14,5
103	NV,ok	0.0	0.40	3.1	6.1	0.0	0.12	2.93	0.64	0.60	2d8/20 L=60	31,5,5
	s=2,m=52	220.0	0.36	5.3	2.3	0.0	0.12	0.44	0.40	0.41	2d8/25 L=320	2,5,5
		440.0	0.38	3.1	5.7	0.0	0.11	2.41	0.63	0.59	2d8/20 L=35	31,5,5
111	NV,NV	0.0	0.36	5.3	2.3	0.0	0.12	5.89	1.00	1.50	2d8/25 L=119	36,13,15
	s=2,m=52	207.0	0.40	3.1	6.1	0.0	0.12	0.83	1.07	2.54	2d8/20 L=35	36,15,7
118	NV,NV	0.0	0.40	3.1	6.1	0.0	0.12	0.90	1.60	3.29	2d8/20 L=30	20,15,6
	s=2,m=52	145.0	0.36	5.3	2.3	0.0	0.12	6.39	1.54	3.81	2d8/25 L=95	29,15,6
125	NV,ok	0.0	0.30	3.1	4.5	0.0	0.10	3.28	0.53	0.48	2d8/20 L=40	33,11,5
	s=2,m=52	176.0	0.36	5.3	2.3	0.0	0.12	0.28	0.48	0.52	2d8/25 L=232	33,11,5
		352.0	0.40	3.1	6.1	0.0	0.12	3.48	0.58	0.53	2d8/20 L=40	36,11,5
M_T= 4 Z=250.0 P=7 P=51												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
64	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.51	0.72	0.49	2d8/20 L=40	21,27,5
	s=2,m=52	201.9	0.28	4.2	2.3	0.0	0.10	0.17	0.60	0.44	2d8/25 L=284	5,27,5
		403.9	0.30	3.1	4.5	0.0	0.10	2.93	0.69	0.46	2d8/20 L=31	21,27,5
73	NV,NV	0.0	0.38	3.1	5.7	0.0	0.11	2.68	1.00	1.28	2d8/20 L=32	26,9,20
	s=2,m=52	235.0	0.36	5.3	2.3	0.0	0.12	1.32	0.60	0.38	2d8/25 L=350	2,20,5
		470.0	0.38	3.1	5.7	0.0	0.11	2.91	1.00	1.71	2d8/20 L=35	21,25,2
84	NV,NV	0.0	0.38	3.1	5.7	0.0	0.11	2.50	1.25	2.53	2d8/20 L=35	24,8,7
	s=2,m=52	170.0	0.28	4.2	2.3	0.0	0.10	1.04	1.00	0.78	2d8/25 L=220	21,11,8
		340.0	0.38	3.1	5.7	0.0	0.11	1.21	1.25	2.56	2d8/20 L=45	21,8,7
93	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	1.29	0.97	0.65	2d8/20 L=45	24,15,5
	s=2,m=52	155.0	0.28	4.2	3.4	0.0	0.09	0.79	0.81	0.57	2d8/25 L=190	21,15,5
		310.0	0.38	3.1	5.7	0.0	0.11	3.07	0.97	0.65	2d8/20 L=35	24,15,5
105	NV,ok	0.0	0.40	3.1	6.1	0.0	0.12	2.79	0.66	0.60	2d8/20 L=35	21,10,5
	s=2,m=52	220.0	0.36	5.3	2.3	0.0	0.12	0.44	0.42	0.41	2d8/25 L=320	2,10,5
		440.0	0.38	3.1	5.7	0.0	0.11	2.64	0.65	0.59	2d8/20 L=35	24,10,5
113	NV,NV	0.0	0.36	5.3	2.3	0.0	0.12	0.51	1.00	1.53	2d8/25 L=147	26,18,20
	s=2,m=52	207.0	0.40	3.1	6.1	0.0	0.12	3.35	1.07	2.56	2d8/20 L=32	27,20,8
119	NV,NV	0.0	0.40	3.1	6.1	0.0	0.12	2.75	1.61	3.28	2d8/20 L=10	26,17,5
	s=2,m=52	145.0	0.36	5.3	2.3	0.0	0.12	0.53	1.55	3.80	2d8/25 L=115	14,17,5
126	NV,ok	0.0	0.30	3.1	4.5	0.0	0.10	3.54	0.53	0.47	2d8/20 L=40	26,5,5
	s=2,m=52	176.0	0.36	5.3	2.3	0.0	0.12	0.27	0.48	0.51	2d8/25 L=232	27,5,5
		352.0	0.40	3.1	6.1	0.0	0.12	3.19	0.60	0.55	2d8/20 L=40	27,5,5
M_T= 5 Z=250.0 P=5 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
65	NV,ok	0.0	0.53	2.3	8.0	0.0	0.18	3.08	0.56	0.48	2d8/20 L=40	33,33,5
	s=2,m=52	289.5	0.51	7.6	2.3	0.0	0.17	0.29	0.44	0.43	2d8/25 L=459	2,33,5
		579.0	0.79	2.3	11.8	0.0	0.30	2.67	0.67	0.60	2d8/20 L=40	36,33,5
M_T= 6 Z=250.0 P=8 P=14												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
66	NV,ok	0.0	0.33	3.1	4.9	0.0	0.10	2.24	0.72	0.46	2d8/20 L=40	27,14,5
	s=2,m=52	289.8	0.31	4.6	2.3	0.0	0.10	0.51	0.51	0.27	2d8/25 L=460	2,14,5
		579.6	0.33	3.1	4.9	0.0	0.10	2.51	0.69	0.43	2d8/20 L=40	26,14,5
M_T= 7 Z=250.0 P=9 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
70	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	1.64	1.00	0.82	2d8/20 L=42	11,35,11
	s=2,m=52	214.0	0.41	6.2	3.1	0.0	0.12	0.82	0.69	0.54	2d8/25 L=308	2,11,5
		428.1	0.62	3.1	9.2	0.0	0.19	0.92	1.00	1.07	2d8/20 L=40	10,29,11
67	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	0.90	1.00	1.27	2d8/20 L=45	8,23,17
	s=2,m=52	177.6	0.41	6.2	3.1	0.0	0.12	0.60	0.88	0.74	2d8/25 L=235	11,17,5
		355.1	0.72	3.1	10.8	0.0	0.24	1.88	1.00	1.42	2d8/20 L=39	8,5,17
68	NV,ok	0.0	0.72	3.1	10.8	0.0	0.24	1.82	0.94	0.60	2d8/20 L=39	5,30,5
	s=2,m=52	224.9	0.31	4.6	3.1	0.0	0.10	0.47	0.82	0.57	2d8/25 L=330	10,30,5
		449.9	0.72	3.1	10.8	0.0	0.24	0.57	0.94	0.60	2d8/20 L=45	8,30,5
69	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	1.07	0.77	0.55	2d8/20 L=45	10,26,5
	s=2,m=52	225.0	0.41	6.2	3.1	0.0	0.12	0.52	0.64	0.51	2d8/25 L=330	10,26,5
		450.0	0.51	3.1	7.7	0.0	0.15	2.39	0.73	0.50	2d8/20 L=39	11,26,5
M_T= 8 Z=250.0 P=10 P=42												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
71	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	0.74	1.35	2.81	2d8/20 L=45	30,6,5
	s=2,m=52	202.5	0.41	6.2	3.1	0.0	0.12	1.10	1.00	1.03	2d8/25 L=285	2,5,7
		405.0	0.51	3.1	7.7	0.0	0.15	1.49	1.32	2.68	2d8/20 L=45	2,6,5
80	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.23	1.01	2.81	2d8/20 L=45	2,20,14
	s=2,m=52	202.5	0.41	6.2	3.1	0.0	0.12	0.80	0.89	0.56	2d8/25 L=285	2,20,5
		405.0	0.62	3.1	9.2	0.0	0.19	0.82	1.01	2.81	2d8/20 L=45	2,20,14
92	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	0.75	1.00	2.56	2d8/20 L=45	2,8,5
	s=2,m=52	155.0	0.31	4.6	3.1	0.0	0.10	0.35	1.00	0.76	2d8/25 L=190	2,5,5
		310.0	0.62	3.1	9.2	0.0	0.19	0.74	1.00	2.56	2d8/20 L=45	2,8,5
104	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	0.94	1.06	2.17	2d8/20 L=45	2,19,13
	s=2,m=52	220.0	0.41	6.2	3.1	0.0	0.12	0.78	1.00	0.63	2d8/25 L=320	2,14,16
		440.0	0.62	3.1	9.2	0.0	0.19	0.68	1.09	2.29	2d8/20 L=45	2,19,5

112	ok,NV	0.0	0.41	3.1	6.2	0.0	0.12	0.86	1.22	2.45	2d8/20 L=170	2,17,5
	s=2,m=52	200.0	0.41	3.1	6.2	0.0	0.12	0.85	1.21	2.43	2d8/20 L=170	32,17,5
M_T= 9 Z=250.0 P=13 P=16												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
74	NV,ok	0.0	0.79	2.3	11.8	0.0	0.30	8.06	0.89	0.83	2d8/20 L=35	30,27,5
	s=2,m=52	155.6	0.51	7.6	5.3	0.0	0.12	0.32	0.80	0.91	2d8/25 L=191	31,27,5
		311.1	0.58	2.3	8.7	0.0	0.20	4.58	0.77	0.69	2d8/20 L=35	31,27,5
M_T= 10 Z=250.0 P=14 P=20												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
75	NV,NV	0.0	0.79	2.3	11.8	0.0	0.30	5.59	1.10	2.73	2d8/20 L=35	21,14,5
	s=2,m=52	155.3	0.36	4.5	5.3	0.0	0.10	0.60	1.00	1.38	2d8/25 L=191	24,29,14
		310.6	0.58	2.3	8.7	0.0	0.20	7.26	1.02	2.39	2d8/20 L=35	24,14,14
M_T= 11 Z=250.0 P=16 P=18												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
78	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.50	0.92	0.98	2d8/20 L=39	8,24,2
	s=2,m=52	236.5	0.51	7.7	3.1	0.0	0.15	0.77	0.42	0.50	2d8/25 L=353	2,24,5
		473.0	0.62	3.1	9.2	0.0	0.19	1.12	1.00	1.13	2d8/20 L=45	2,2,2
79	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.05	1.00	1.13	2d8/20 L=45	2,31,31
	s=2,m=52	177.4	0.31	4.6	3.1	0.0	0.10	0.94	0.63	0.65	2d8/25 L=235	8,31,5
		354.8	0.51	3.1	7.7	0.0	0.15	2.30	1.00	0.99	2d8/20 L=45	8,31,31
M_T= 13 Z=250.0 N=72 N=80												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
81	NV,NV	0.0	0.73	4.6	11.7	0.0	0.30	0.55	0.70	0.95	2d8/20 L=60	31,17,5
	s=21,m=52	195.6	0.58	9.2	3.1	0.0	0.27	0.30	0.58	0.71	2d8/25 L=271	2,17,5
		391.2	0.62	4.6	10.0	0.0	0.27	0.69	0.70	0.94	2d8/20 L=60	30,17,5
M_T= 15 Z=250.0 P=21 P=23												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
86	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	1.36	0.57	0.59	2d8/20 L=45	16,21,5
	s=2,m=52	265.0	0.62	9.2	3.1	0.0	0.19	0.16	0.35	0.43	2d8/25 L=410	13,21,5
		530.1	0.62	3.1	9.2	0.0	0.19	0.45	0.56	0.59	2d8/20 L=45	16,21,5
87	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	0.53	1.00	0.93	2d8/20 L=45	13,31,31
	s=2,m=52	177.4	0.41	4.6	6.2	0.0	0.11	0.38	1.00	0.72	2d8/25 L=235	19,36,31
		354.9	0.62	3.1	9.2	0.0	0.19	1.42	1.00	0.93	2d8/20 L=45	19,31,31
M_T= 16 Z=250.0 P=25 P=27												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
88	NV,ok	0.0	0.33	4.6	4.9	0.0	0.10	1.23	0.90	0.51	2d8/20 L=45	16,21,5
	s=2,m=52	272.5	0.41	6.2	2.3	0.0	0.13	0.71	0.72	0.39	2d8/25 L=425	2,21,5
		545.0	0.46	4.6	6.9	0.0	0.11	0.58	0.94	0.56	2d8/20 L=45	13,21,5
89	NV,ok	0.0	0.33	4.6	4.9	0.0	0.10	0.76	0.76	0.59	2d8/20 L=45	13,31,5
	s=2,m=52	170.1	0.41	6.2	2.3	0.0	0.08	2.90	0.69	0.64	2d8/25 L=220	2,31,5
		340.2	0.46	4.6	6.9	0.0	0.17	2.53	0.90	0.67	2d8/20 L=45	2,2,5
M_T= 17 Z=250.0 N=87 N=95												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
94	NV,NV	0.0	0.64	6.0	10.2	0.0	0.26	0.69	1.00	1.13	2d8/20 L=60	27,28,8
	s=21,m=52	180.0	0.75	12.1	3.1	0.0	0.33	0.35	0.97	0.83	2d8/25 L=240	2,8,5
		360.0	0.74	6.0	11.8	0.0	0.29	0.90	1.00	1.15	2d8/20 L=60	2,19,8
M_T= 18 Z=250.0 N=80 N=96												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
95	NV,NV	0.0	0.50	4.6	8.0	0.0	0.24	0.76	0.65	0.85	2d8/20 L=60	36,18,5
	s=21,m=52	180.7	0.58	9.2	3.1	0.0	0.27	0.24	0.57	0.74	2d8/25 L=241	2,18,5
		361.3	0.73	4.6	11.7	0.0	0.30	0.55	0.70	1.01	2d8/20 L=60	33,18,5
M_T= 19 Z=250.0 P=28 P=30												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
96	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	1.37	0.76	0.79	2d8/20 L=39	15,24,5
	s=2,m=52	236.5	0.51	7.7	3.1	0.0	0.15	0.56	0.41	0.49	2d8/25 L=353	14,24,5
		473.0	0.62	3.1	9.2	0.0	0.19	0.81	0.80	0.84	2d8/20 L=45	14,24,5
97	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	0.82	0.96	0.87	2d8/20 L=45	20,30,5
	s=2,m=52	177.5	0.31	4.6	3.1	0.0	0.10	0.79	0.66	0.65	2d8/25 L=235	16,30,5
		355.0	0.62	3.1	9.2	0.0	0.19	2.34	0.96	0.87	2d8/20 L=45	16,30,5
M_T= 20 Z=250.0 P=32 P=34												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
98	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	2.23	1.00	1.24	2d8/20 L=45	14,5,24
	s=2,m=52	177.5	0.31	4.6	3.1	0.0	0.10	0.93	0.66	0.65	2d8/25 L=235	14,24,5
		355.0	0.62	3.1	9.2	0.0	0.19	1.14	1.00	1.24	2d8/20 L=45	2,5,24
99	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	1.19	1.00	1.30	2d8/20 L=45	2,2,2
	s=2,m=52	236.5	0.51	7.7	3.1	0.0	0.15	0.84	0.42	0.51	2d8/25 L=353	2,31,5
		473.0	0.62	3.1	9.2	0.0	0.19	1.51	0.88	0.93	2d8/20 L=39	17,31,5
M_T= 21 Z=250.0 P=28 P=35												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
102	NV,ok	0.0	0.51	2.3	7.6	0.0	0.17	4.99	0.68	0.50	2d8/20 L=35	33,11,5
	s=2,m=52	227.8	0.30	4.5	2.3	0.0	0.10	0.37	0.54	0.42	2d8/25 L=336	29,11,5
		455.5	0.45	2.3	6.8	0.0	0.14	3.96	0.67	0.49	2d8/20 L=40	36,11,5
M_T= 22 Z=250.0 P=34 P=40												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
106	NV,ok	0.0	0.51	2.3	7.6	0.0	0.17	4.32	0.64	0.52	2d8/20 L=40	26,8,5
	s=2,m=52	227.8	0.30	4.5	2.3	0.0	0.10	0.39	0.48	0.41	2d8/25 L=336	23,8,5

		455.5	0.45	2.3	6.8	0.0	0.14	5.41	0.60	0.47	2d8/20 L=35	27,8,5
							M_T= 23	Z=250.0	P=35	P=37		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
107	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	1.97	1.00	0.92	2d8/20 L=40	17,33,35
	s=2,m=52	177.5	0.51	7.7	3.1	0.0	0.15	0.49	0.80	0.66	2d8/25 L=235	17,35,5
		355.0	0.62	3.1	9.2	0.0	0.19	0.76	1.00	1.08	2d8/20 L=45	17,23,35
108	NV,NV	0.0	0.62	3.1	9.2	0.0	0.19	0.77	1.00	1.03	2d8/20 L=45	15,24,32
	s=2,m=52	177.5	0.51	7.7	6.2	0.0	0.11	0.48	0.77	0.65	2d8/25 L=235	15,32,5
		355.0	0.51	3.1	7.7	0.0	0.15	1.97	1.00	0.88	2d8/20 L=45	15,33,32
							M_T= 24	Z=250.0	P=39	P=41		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
109	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	2.39	0.73	0.65	2d8/20 L=45	17,24,5
	s=2,m=52	177.5	0.51	7.7	3.1	0.0	0.15	0.56	0.61	0.65	2d8/25 L=235	20,24,5
		355.0	0.62	3.1	9.2	0.0	0.19	0.64	0.78	0.72	2d8/20 L=45	17,24,5
110	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	0.62	0.85	0.73	2d8/20 L=45	15,21,5
	s=2,m=52	177.5	0.51	7.7	6.2	0.0	0.11	0.39	0.68	0.66	2d8/25 L=235	15,21,5
		355.0	0.51	3.1	7.7	0.0	0.15	2.29	0.79	0.66	2d8/20 L=40	15,21,5
							M_T= 25	Z=250.0	P=35	P=49		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
124	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	5.55	0.57	0.48	2d8/20 L=40	30,5,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.30	0.46	0.45	2d8/25 L=232	30,5,5
		352.0	0.38	2.3	5.7	0.0	0.12	4.33	0.58	0.49	2d8/20 L=40	31,5,5
114	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	4.49	0.58	0.48	2d8/20 L=40	30,26,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.11	0.55	0.55	2d8/25 L=232	1,26,5
		352.0	0.51	2.3	7.6	0.0	0.17	3.72	0.67	0.58	2d8/20 L=35	31,26,5
							M_T= 26	Z=250.0	P=40	P=52		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
115	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	3.81	0.62	0.50	2d8/20 L=35	21,27,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.13	0.57	0.56	2d8/25 L=232	2,27,5
		352.0	0.51	2.3	7.6	0.0	0.17	4.73	0.68	0.57	2d8/20 L=40	24,27,5
127	NV,ok	0.0	0.38	2.3	5.7	0.0	0.12	4.37	0.57	0.49	2d8/20 L=40	21,11,5
	s=2,m=52	176.0	0.30	4.5	2.3	0.0	0.10	0.30	0.46	0.45	2d8/25 L=232	24,11,5
		352.0	0.38	2.3	5.7	0.0	0.12	5.67	0.56	0.48	2d8/20 L=40	24,11,5
							M_T= 27	Z=250.0	N=104	N=106		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
116	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	0.75	0.71	0.52	2d8/20 L=60	14,33,5
	s=2,m=52	198.2	0.41	6.2	3.1	0.0	0.12	0.10	0.70	0.62	2d8/25 L=276	16,33,5
		396.4	0.72	3.1	10.8	0.0	0.24	0.48	0.80	0.62	2d8/20 L=45	14,33,5
117	NV,ok	0.0	0.72	3.1	10.8	0.0	0.24	0.49	0.80	0.62	2d8/20 L=45	17,27,5
	s=2,m=52	198.3	0.41	6.2	3.1	0.0	0.12	0.11	0.69	0.62	2d8/25 L=277	18,27,5
		396.6	0.51	3.1	7.7	0.0	0.15	0.71	0.71	0.52	2d8/20 L=60	20,27,5
							M_T= 28	Z=250.0	P=43	P=47		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
120	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	1.80	0.91	0.71	2d8/20 L=43	17,36,5
	s=2,m=52	225.2	0.41	6.2	3.1	0.0	0.12	0.73	0.64	0.50	2d8/25 L=330	2,36,5
		450.4	0.62	3.1	9.2	0.0	0.19	0.98	1.00	0.90	2d8/20 L=43	17,24,36
121	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	0.93	1.00	0.95	2d8/20 L=43	15,30,30
	s=2,m=52	225.2	0.41	6.2	3.1	0.0	0.12	0.72	0.68	0.50	2d8/25 L=330	2,30,5
		450.4	0.41	3.1	6.2	0.0	0.12	1.59	0.95	0.71	2d8/20 L=43	15,30,5
							M_T= 29	Z=250.0	P=45	P=48		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
122	NV,ok	0.0	0.40	3.1	6.0	0.0	0.12	1.64	0.95	0.71	2d8/20 L=43	17,24,5
	s=2,m=52	225.1	0.41	6.2	3.1	0.0	0.12	0.72	0.69	0.50	2d8/25 L=330	2,24,5
		450.3	0.62	3.1	9.2	0.0	0.19	0.95	1.00	0.96	2d8/20 L=43	17,28,24
123	NV,ok	0.0	0.62	3.1	9.2	0.0	0.19	0.97	1.00	0.90	2d8/20 L=43	15,32,26
	s=2,m=52	225.1	0.41	6.2	3.1	0.0	0.12	0.71	0.64	0.50	2d8/25 L=330	2,26,5
		450.3	0.41	3.1	6.2	0.0	0.12	1.76	0.91	0.71	2d8/20 L=43	15,26,5
							M_T= 30	Z=250.0	P=49	P=54		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
128	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.26	0.68	0.60	2d8/20 L=44	17,32,5
	s=2,m=52	187.4	0.36	5.3	2.3	0.0	0.12	0.41	0.47	0.46	2d8/25 L=255	2,32,5
		374.9	0.38	3.1	5.7	0.0	0.11	2.72	0.71	0.64	2d8/20 L=38	20,32,5
132	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	2.87	0.70	0.67	2d8/20 L=38	14,8,5
	s=2,m=52	179.3	0.28	4.2	2.3	0.0	0.10	0.34	0.45	0.48	2d8/25 L=239	2,8,5
		358.6	0.38	3.1	5.7	0.0	0.11	2.80	0.70	0.67	2d8/20 L=39	20,8,5
129	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	2.50	0.76	0.64	2d8/20 L=37	14,30,5
	s=2,m=52	187.3	0.36	5.3	2.3	0.0	0.12	0.42	0.53	0.46	2d8/25 L=255	2,30,5
		374.6	0.38	3.1	5.7	0.0	0.11	3.27	0.73	0.60	2d8/20 L=44	15,30,5
							M_T= 31	Z=250.0	P=51	P=56		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
130	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.62	0.74	0.61	2d8/20 L=44	17,24,5
	s=2,m=52	187.6	0.36	5.3	2.3	0.0	0.12	0.41	0.54	0.47	2d8/25 L=255	2,24,5
		375.1	0.38	3.1	5.7	0.0	0.11	2.80	0.77	0.64	2d8/20 L=33	20,24,5
133	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	3.27	0.70	0.67	2d8/20 L=33	14,11,5
	s=2,m=52	179.1	0.28	4.2	2.3	0.0	0.10	0.36	0.46	0.49	2d8/25 L=238	26,11,5
		358.1	0.38	3.1	5.7	0.0	0.11	3.12	0.70	0.67	2d8/20 L=39	20,11,5

131	NV,ok	0.0	0.38	3.1	5.7	0.0	0.11	2.62	0.71	0.64	2d8/20 L=37	14,36,5
	s=2,m=52	187.4	0.36	5.3	2.3	0.0	0.12	0.41	0.48	0.46	2d8/25 L=255	2,36,5
		374.9	0.38	3.1	5.7	0.0	0.11	3.37	0.68	0.60	2d8/20 L=44	15,36,5
M_T= 32 Z=610.0 P=1 P=6												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
174	NV,ok	0.0	0.31	4.6	4.5	0.0	0.09	1.99	1.00	0.61	2d8/20 L=44	11,32,36
	s=2,m=52	176.6	0.41	6.2	2.3	0.0	0.13	0.18	0.99	0.58	2d8/25 L=233	33,36,5
		353.3	0.38	4.6	5.7	0.0	0.10	1.79	1.00	0.62	2d8/20 L=38	10,28,36
170	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	2.41	0.55	0.47	2d8/20 L=38	5,14,5
	s=2,m=52	167.0	0.30	3.4	4.5	0.0	0.10	0.48	0.52	0.55	2d8/25 L=214	31,14,5
		334.0	0.38	3.4	5.7	0.0	0.11	2.48	0.55	0.47	2d8/20 L=37	11,14,5
176	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	2.03	0.96	0.56	2d8/20 L=39	5,30,5
	s=2,m=52	176.1	0.41	6.2	2.3	0.0	0.13	0.17	0.88	0.58	2d8/25 L=232	31,30,5
		352.2	0.31	4.6	4.5	0.0	0.09	1.94	0.91	0.50	2d8/20 L=44	8,30,5
M_T= 33 Z=610.0 P=2 P=8												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
177	NV,ok	0.0	0.31	4.6	4.5	0.0	0.09	1.91	0.98	0.55	2d8/20 L=44	11,24,5
	s=2,m=52	176.1	0.41	6.2	2.3	0.0	0.13	0.16	0.90	0.58	2d8/25 L=232	21,24,5
		352.2	0.38	4.6	5.7	0.0	0.10	1.69	0.99	0.56	2d8/20 L=38	10,24,5
171	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	2.64	0.54	0.47	2d8/20 L=38	5,15,5
	s=2,m=52	167.0	0.30	3.4	4.5	0.0	0.10	0.58	0.51	0.55	2d8/25 L=214	21,15,5
		334.0	0.38	3.4	5.7	0.0	0.11	2.48	0.54	0.47	2d8/20 L=37	11,15,5
175	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	2.37	1.00	0.64	2d8/20 L=39	5,28,24
	s=2,m=52	176.6	0.41	6.2	2.3	0.0	0.13	0.18	1.00	0.59	2d8/25 L=233	27,24,24
		353.2	0.31	4.6	4.5	0.0	0.09	2.09	1.00	0.53	2d8/20 L=44	5,26,24
M_T= 34 Z=610.0 P=6 P=18												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
172	ok,ok	0.0	0.31	3.1	4.6	0.0	0.10	0.63	0.46	0.50	2d8/20 L=140	2,13,5
	s=2,m=52	160.0	0.31	3.1	4.6	0.0	0.10	0.0	0.24	0.25	2d8/20 L=140	0,18,5
178	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	2.07	0.99	0.93	2d8/20 L=35	31,17,2
	s=2,m=52	202.0	0.41	6.2	3.1	0.0	0.12	0.93	0.43	0.35	2d8/25 L=284	2,17,5
		403.9	0.41	3.1	6.2	0.0	0.12	2.71	0.89	0.84	2d8/20 L=40	30,17,2
182	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	3.10	1.00	0.90	2d8/20 L=32	30,10,10
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.75	0.77	0.39	2d8/25 L=350	2,10,5
		469.9	0.41	3.1	6.2	0.0	0.12	6.02	1.00	0.92	2d8/20 L=35	30,5,10
M_T= 35 Z=610.0 P=7 P=19												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
173	ok,ok	0.0	0.31	3.1	4.6	0.0	0.10	0.0	0.79	0.90	2d8/20 L=140	0,35,5
	s=2,m=52	160.0	0.31	3.1	4.6	0.0	0.10	0.63	0.79	0.90	2d8/20 L=140	2,35,5
179	NV,NV	0.0	0.41	3.1	6.2	0.0	0.12	2.60	1.00	1.05	2d8/20 L=40	24,35,15
	s=2,m=52	201.9	0.41	6.2	3.1	0.0	0.12	0.98	0.47	0.45	2d8/25 L=284	2,15,5
		403.9	0.41	3.1	6.2	0.0	0.12	1.96	1.00	1.05	2d8/20 L=31	21,30,15
183	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	2.66	1.00	0.94	2d8/20 L=32	24,8,11
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.64	0.80	0.39	2d8/25 L=350	2,11,5
		470.0	0.41	3.1	6.2	0.0	0.12	3.40	1.00	0.95	2d8/20 L=35	24,19,11
M_T= 36 Z=610.0 P=5 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
180	NV,ok	0.0	0.38	4.6	6.9	0.0	0.09	1.32	0.82	0.78	2d8/20 L=40	36,20,5
	s=4,m=52	289.5	0.43	7.7	2.3	0.0	0.14	0.80	0.46	0.46	2d8/25 L=459	2,20,5
		579.0	0.52	4.6	9.4	0.0	0.12	1.17	0.85	0.81	2d8/20 L=40	33,20,5
M_T= 37 Z=610.0 P=8 P=14												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
181	NV,ok	0.0	0.38	4.6	6.9	0.0	0.09	1.58	0.77	0.75	2d8/20 L=40	27,26,5
	s=4,m=52	289.8	0.43	7.7	2.3	0.0	0.14	0.79	0.42	0.44	2d8/25 L=460	2,26,5
		579.6	0.52	4.6	9.4	0.0	0.12	1.04	0.85	0.85	2d8/20 L=40	27,26,5
M_T= 38 Z=610.0 P=13 P=16												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
184	NV,NV	0.0	0.52	3.4	9.4	0.0	0.16	3.22	1.01	2.30	2d8/20 L=35	36,11,8
	s=4,m=52	155.6	0.35	3.4	6.3	0.0	0.10	0.81	1.00	1.21	2d8/25 L=191	36,7,11
		311.1	0.47	3.4	8.5	0.0	0.13	1.65	1.00	1.78	2d8/20 L=35	31,16,11
M_T= 39 Z=610.0 P=14 P=20												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
185	NV,NV	0.0	0.52	3.4	9.4	0.0	0.16	1.44	1.00	2.18	2d8/20 L=35	21,14,5
	s=4,m=52	155.3	0.35	3.4	6.3	0.0	0.10	0.98	1.00	1.21	2d8/25 L=191	26,5,5
		310.6	0.47	3.4	8.5	0.0	0.13	4.18	1.00	1.77	2d8/20 L=35	24,9,5
M_T= 40 Z=610.0 P=16 P=18												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
188	NV,ok	0.0	0.50	12.1	8.4	0.0	0.06	1.36	0.80	0.41	4d8/20 L=39	8,24,5
	s=5,m=52	413.9	0.69	16.7	2.3	0.0	0.28	0.53	0.45	0.25	4d8/25 L=708	2,24,5
		827.8	0.50	12.1	10.9	0.0	0.07	0.81	0.84	0.43	4d8/20 L=45	5,24,5
M_T= 41 Z=610.0 P=19 P=20												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
189	NV,ok	0.0	0.50	12.1	8.4	0.0	0.08	0.83	0.80	0.41	4d8/20 L=45	11,21,5
	s=5,m=52	414.0	0.69	16.7	2.3	0.0	0.28	0.58	0.46	0.25	4d8/25 L=708	2,21,5
		828.0	0.50	12.1	10.9	0.0	0.06	0.91	0.84	0.43	4d8/20 L=39	5,21,5
M_T= 42 Z=610.0 N=135 N=146												

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
190	NV,ok	0.0	0.37	4.0	13.3	0.0	0.16	0.46	0.19	0.67	2d8/20 L=60	31,32,5
	s=14,m=52	363.0	0.42	15.1	3.1	0.0	0.18	0.38	0.12	0.42	2d8/25 L=606	1,32,5
		726.0	0.37	4.0	13.3	0.0	0.16	0.38	0.19	0.68	2d8/20 L=60	30,32,5
M_T= 43 Z=610.0 N=136 N=145												
191	NV,ok	0.0	0.37	4.0	13.3	0.0	0.16	0.47	0.20	0.68	2d8/20 L=60	21,21,5
	s=14,m=52	360.6	0.42	15.1	3.1	0.0	0.18	0.38	0.13	0.43	2d8/25 L=601	2,21,5
		721.2	0.37	4.0	13.3	0.0	0.16	0.38	0.20	0.67	2d8/20 L=60	24,21,5
M_T= 44 Z=610.0 P=28 P=30												
192	NV,ok	0.0	0.50	12.1	8.4	0.0	0.08	1.32	0.78	0.41	4d8/20 L=39	20,32,5
	s=5,m=52	414.0	0.69	16.7	2.3	0.0	0.28	0.56	0.43	0.25	4d8/25 L=708	2,32,5
		828.0	0.50	12.1	10.9	0.0	0.07	0.84	0.82	0.43	4d8/20 L=45	14,32,5
M_T= 45 Z=610.0 P=32 P=34												
193	NV,ok	0.0	0.50	12.1	8.4	0.0	0.08	1.09	0.79	0.41	4d8/20 L=45	15,22,5
	s=5,m=52	414.0	0.69	16.7	2.3	0.0	0.28	0.55	0.44	0.25	4d8/25 L=708	2,22,5
		828.0	0.50	12.1	10.9	0.0	0.07	1.03	0.82	0.43	4d8/20 L=39	14,22,5
M_T= 46 Z=610.0 P=28 P=35												
196	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.89	1.00	0.91	2d8/20 L=35	36,20,20
	s=2,m=52	227.8	0.41	6.2	3.1	0.0	0.12	0.60	0.80	0.52	2d8/25 L=336	2,20,5
		455.5	0.51	4.6	7.7	0.0	0.12	1.26	1.00	0.99	2d8/20 L=40	33,7,20
M_T= 47 Z=610.0 P=30 P=50												
197	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	2.66	1.00	1.11	2d8/20 L=35	33,34,14
	s=2,m=52	220.0	0.31	4.6	3.1	0.0	0.10	0.95	0.88	0.47	2d8/25 L=320	2,14,5
		440.0	0.41	3.1	6.2	0.0	0.12	2.10	1.00	0.94	2d8/20 L=35	33,9,14
201	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	3.27	0.83	0.81	2d8/20 L=32	33,10,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.49	0.56	0.62	2d8/25 L=232	33,10,5
		352.0	0.51	3.1	7.7	0.0	0.15	1.46	0.85	0.82	2d8/20 L=40	33,10,5
205	NV,ok	0.0	0.41	3.1	6.2	0.0	0.12	2.17	0.85	0.78	2d8/20 L=40	33,14,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.70	0.59	0.59	2d8/25 L=232	2,14,5
		352.0	0.51	3.1	7.7	0.0	0.15	1.29	0.92	0.86	2d8/20 L=40	33,14,5
M_T= 48 Z=610.0 P=32 P=51												
198	NV,NV	0.0	0.51	3.1	7.7	0.0	0.15	2.76	1.00	1.09	2d8/20 L=35	27,12,20
	s=2,m=52	220.0	0.31	4.6	3.1	0.0	0.10	0.95	0.87	0.47	2d8/25 L=320	2,20,5
		440.0	0.41	3.1	6.2	0.0	0.12	2.12	1.00	0.92	2d8/20 L=35	27,12,20
202	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	1.46	0.84	0.82	2d8/20 L=40	27,8,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.49	0.56	0.62	2d8/25 L=232	27,8,5
		352.0	0.51	3.1	7.7	0.0	0.15	3.26	0.83	0.81	2d8/20 L=32	27,8,5
206	NV,ok	0.0	0.21	3.1	3.1	0.0	0.08	6.57	0.79	0.66	2d8/20 L=40	27,20,5
	s=2,m=52	176.0	0.31	4.6	4.6	0.0	0.09	0.71	0.46	0.36	2d8/25 L=232	2,20,5
		352.0	0.21	3.1	3.1	0.0	0.08	2.27	0.78	0.64	2d8/20 L=40	26,20,5
M_T= 49 Z=610.0 P=34 P=40												
199	NV,NV	0.0	0.41	4.6	6.2	0.0	0.11	1.51	1.00	0.88	2d8/20 L=40	27,13,14
	s=2,m=52	227.8	0.41	6.2	3.1	0.0	0.12	0.60	0.79	0.51	2d8/25 L=336	2,14,5
		455.5	0.51	4.6	7.7	0.0	0.12	1.48	1.00	1.03	2d8/20 L=35	26,28,14
M_T= 50 Z=610.0 P=35 P=49												
204	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	1.80	0.99	0.86	2d8/20 L=40	30,20,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.58	0.66	0.59	2d8/25 L=232	2,20,5
		352.0	0.41	3.1	6.2	0.0	0.12	1.43	0.92	0.78	2d8/20 L=40	30,20,5
200	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	1.17	0.81	0.82	2d8/20 L=40	30,24,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.27	0.53	0.61	2d8/25 L=232	2,24,5
		352.0	0.51	3.1	7.7	0.0	0.15	1.11	0.80	0.80	2d8/20 L=35	30,24,5
M_T= 51 Z=610.0 P=40 P=52												
203	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.38	0.79	0.80	2d8/20 L=35	24,5,5
	s=2,m=52	176.0	0.41	6.2	3.1	0.0	0.12	0.20	0.57	0.69	2d8/25 L=232	2,5,5
		352.0	0.51	4.6	7.7	0.0	0.12	1.11	0.86	0.89	2d8/20 L=40	21,5,5
207	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	1.35	0.98	0.84	2d8/20 L=40	21,14,5
	s=2,m=52	176.0	0.31	4.6	3.1	0.0	0.10	0.58	0.66	0.60	2d8/25 L=232	2,14,5
		352.0	0.41	3.1	6.2	0.0	0.12	1.79	0.93	0.79	2d8/20 L=40	24,14,5
M_T= 52 Z=610.0 P=49 P=54												
208	NV,ok	0.0	0.31	4.6	4.5	0.0	0.09	1.75	0.96	0.61	2d8/20 L=44	20,31,5
	s=2,m=52	187.4	0.41	6.2	2.3	0.0	0.13	0.26	0.81	0.55	2d8/25 L=255	2,31,5
		374.9	0.38	4.6	5.7	0.0	0.10	1.62	0.94	0.59	2d8/20 L=38	17,31,5
212	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	2.05	0.54	0.44	2d8/20 L=38	14,10,5
	s=2,m=52	179.3	0.30	3.4	4.5	0.0	0.10	0.63	0.51	0.50	2d8/25 L=239	30,10,5
		358.6	0.38	3.4	5.7	0.0	0.11	2.13	0.54	0.44	2d8/20 L=39	20,10,5
209	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	1.69	0.94	0.49	2d8/20 L=37	14,33,5

		s=2,m=52	187.3	0.41	6.2	2.3	0.0	0.13	0.10	0.89	0.54	2d8/25 L=255	36,33,5
			374.6	0.31	4.6	4.5	0.0	0.09	1.78	0.87	0.42	2d8/20 L=44	15,33,5
									M_T= 53	Z=610.0	P=51	P=56	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
210	NV,ok	0.0	0.31	4.6	4.5	0.0	0.09	1.78	0.94	0.47		2d8/20 L=44	17,23,5
	s=2,m=52	187.6	0.41	6.2	2.3	0.0	0.13	0.32	0.91	0.54		2d8/25 L=255	17,23,5
		375.1	0.38	4.6	5.7	0.0	0.10	2.00	0.96	0.49		2d8/20 L=33	17,23,5
213	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	2.97	0.54	0.45		2d8/20 L=33	14,11,5
	s=2,m=52	179.1	0.30	3.4	4.5	0.0	0.10	0.97	0.51	0.51		2d8/25 L=238	26,11,5
		358.1	0.38	3.4	5.7	0.0	0.11	2.16	0.54	0.45		2d8/20 L=39	20,11,5
211	NV,ok	0.0	0.38	3.4	5.7	0.0	0.11	1.57	0.94	0.59		2d8/20 L=37	14,21,5
	s=2,m=52	187.4	0.41	6.2	2.3	0.0	0.13	0.26	0.81	0.55		2d8/25 L=255	16,21,5
		374.9	0.31	4.6	4.5	0.0	0.09	1.73	0.91	0.56		2d8/20 L=44	14,21,5
									M_T= 54	Z=757.1	P=12	P=50	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
259	NV,ok	0.0	0.41	6.2	3.1	0.0	0.08	2.19	0.75	0.68		2d8/20 L=37	2,11,5
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.53	0.55	0.56		2d8/25 L=350	2,11,5
		469.9	0.51	6.2	7.7	0.0	0.11	0.97	0.88	0.83		2d8/20 L=40	2,11,5
261	NV,ok	0.0	0.26	6.2	6.2	0.0	0.06	1.22	0.56	0.40		4d8/25 L=40	2,7,5
	s=5,m=52	325.0	0.26	6.2	6.2	0.0	0.06	1.00	0.26	0.14		4d8/20 L=530	2,7,5
		650.0	0.26	6.2	6.2	0.0	0.06	1.11	0.56	0.40		4d8/25 L=40	2,7,5
263	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.12	0.80	0.73		2d8/20 L=178	2,14,5
	s=2,m=52	220.0	0.41	4.6	6.2	0.0	0.09	0.53	0.49	0.47		2d8/25 L=320	2,14,5
		440.0	0.41	4.6	6.2	0.0	0.11	0.83	0.80	0.73		2d8/20 L=40	36,14,5
256	ok,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.25	0.74	0.66		2d8/20 L=178	10,14,5
	s=2,m=52	200.0	0.41	4.6	6.2	0.0	0.09	0.29	0.69	0.60		2d8/20 L=178	36,14,5
236	ok,ok	0.0	0.41	6.2	6.2	0.0	0.10	0.37	0.71	0.60		2d8/20 L=148	36,14,5
	s=2,m=52	167.3	0.41	6.2	6.2	0.0	0.10	0.45	0.75	0.64		2d8/20 L=148	36,14,5
216	NV,ok	0.0	0.31	4.6	4.6	0.0	0.09	1.20	0.65	0.44		2d8/20 L=323	36,15,5
	s=2,m=52	362.1	0.31	4.6	4.6	0.0	0.09	2.21	0.65	0.44		2d8/20 L=323	36,15,5
									M_T= 55	Z=757.1	P=11	P=51	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
217	NV,ok	0.0	0.31	4.6	4.6	0.0	0.09	2.11	0.59	0.44		2d8/20 L=323	26,17,5
	s=2,m=52	362.1	0.31	4.6	4.6	0.0	0.09	1.14	0.59	0.44		2d8/20 L=323	26,17,5
237	ok,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.42	0.69	0.57		2d8/20 L=148	26,20,5
	s=2,m=52	167.3	0.41	4.6	6.2	0.0	0.09	0.81	0.66	0.54		2d8/20 L=148	26,20,5
257	ok,ok	0.0	0.41	4.6	6.2	0.0	0.09	0.28	0.63	0.54		2d8/20 L=178	26,20,5
	s=2,m=52	200.0	0.41	4.6	6.2	0.0	0.11	0.24	0.74	0.66		2d8/20 L=178	12,20,5
264	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.10	0.79	0.73		2d8/20 L=40	2,20,5
	s=2,m=52	220.0	0.41	4.6	6.2	0.0	0.09	0.51	0.49	0.47		2d8/25 L=320	2,20,5
		440.0	0.41	4.6	6.2	0.0	0.11	0.81	0.79	0.73		2d8/20 L=40	26,20,5
262	NV,ok	0.0	0.50	12.1	3.1	0.0	0.05	3.56	0.61	0.35		4d8/20 L=40	2,11,5
	s=5,m=52	325.0	0.50	12.1	3.1	0.0	0.17	0.41	0.31	0.22		4d8/25 L=530	2,11,5
		650.0	0.50	12.1	3.1	0.0	0.05	3.43	0.61	0.35		4d8/20 L=40	2,11,5
260	NV,ok	0.0	0.41	6.2	3.1	0.0	0.08	1.96	0.75	0.68		2d8/20 L=37	2,10,5
	s=2,m=52	235.0	0.41	6.2	3.1	0.0	0.12	0.50	0.54	0.56		2d8/25 L=350	2,10,5
		470.0	0.51	6.2	7.7	0.0	0.11	0.92	0.87	0.83		2d8/20 L=40	2,10,5
									M_T= 56	Z=760.7	P=35	P=49	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
220	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	1.02	0.97	0.63		2d8/20 L=42	30,17,5
	s=2,m=52	193.1	0.41	6.2	3.1	0.0	0.12	0.53	0.79	0.52		2d8/25 L=266	30,17,5
		386.2	0.31	4.6	4.6	0.0	0.09	0.85	0.91	0.56		2d8/20 L=46	30,17,5
265	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.46	0.75	0.70		2d8/20 L=46	36,17,5
	s=2,m=52	186.9	0.41	6.2	3.1	0.0	0.12	0.16	0.65	0.71		2d8/25 L=254	1,17,5
		373.8	0.62	4.6	9.2	0.0	0.15	0.40	0.86	0.81		2d8/20 L=37	31,17,5
									M_T= 57	Z=907.9	P=6	P=50	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
221	ok,ok	0.0	0.41	3.1	6.2	0.0	0.12	0.44	0.82	0.56		2d8/20 L=46	30,15,5
	s=2,m=52	193.1	0.31	4.6	3.1	0.0	0.10	0.40	0.70	0.52		2d8/25 L=266	36,15,5
		386.2	0.51	3.1	7.7	0.0	0.15	0.65	0.86	0.63		2d8/20 L=42	36,15,5
266	ok,NV	0.0	0.31	3.1	4.6	0.0	0.10	0.87	0.80	0.78		2d8/20 L=38	17,12,5
	s=2,m=52	186.9	0.31	4.6	3.1	0.0	0.10	0.40	0.64	0.74		2d8/25 L=254	1,12,5
		373.8	0.78	3.1	11.7	0.0	0.27	0.36	0.99	1.05		2d8/20 L=46	1,12,5
288	ok,NV	0.0	0.67	10.1	6.2	0.0	0.09	0.64	0.85	0.88		2d8/20 L=41	30,20,5
	s=2,m=52	230.3	0.67	10.1	3.1	0.0	0.22	0.21	0.65	0.78		2d8/25 L=341	33,15,5
		460.7	0.67	10.1	9.1	0.0	0.10	0.33	0.91	0.97		2d8/20 L=41	30,20,5
301	NV,NV	0.0	0.34	12.1	6.2	0.0	0.20	1.42	0.29	1.32		2d8/20 L=236	30,30,5
	s=23,m=52	235.8	0.34	12.1	6.2	0.0	0.20	1.18	0.29	1.32		2d8/20 L=236	29,30,5
286	ok,NV	0.0	0.67	10.1	9.1	0.0	0.11	0.15	0.96	1.10		2d8/20 L=60	33,31,5
	s=2,m=52	320.9	0.67	10.1	3.1	0.0	0.08	0.63	0.76	1.04		2d8/25 L=243	1,31,5
272	ok,NV	0.0	0.67	10.1	3.1	0.0	0.08	0.22	1.00	2.56		2d8/25 L=110	30,6,11
	s=2,m=52	191.1	0.67	10.1	6.2	0.0	0.09	0.23	1.04	3.86		2d8/20 L=60	31,11,7
226	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	0.46	0.91	0.57		2d8/20 L=42	33,8,5
	s=2,m=52	223.2	0.31	4.6	3.1	0.0	0.10	0.65	0.76	0.46		2d8/25 L=326	31,8,5
		446.4	0.51	3.1	7.7	0.0	0.15	1.07	0.92	0.59		2d8/20 L=42	31,8,5
									M_T= 58	Z=907.9	P=7	P=51	

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
222	ok,ok	0.0	0.41	3.1	6.2	0.0	0.12	0.64	0.77	0.57	2d8/20 L=42	26,17,5
	s=2,m=52	193.1	0.31	4.6	3.1	0.0	0.10	0.40	0.66	0.53	2d8/25 L=266	26,17,5
		386.2	0.51	3.1	7.7	0.0	0.15	0.36	0.81	0.61	2d8/20 L=46	26,17,5
267	ok,NV	0.0	0.31	3.1	4.6	0.0	0.10	0.66	0.77	0.78	2d8/20 L=46	24,6,5
	s=2,m=52	186.9	0.31	4.6	3.1	0.0	0.10	0.40	0.64	0.74	2d8/25 L=254	1,6,5
		373.8	0.77	3.1	11.6	0.0	0.27	0.37	1.00	1.07	2d8/20 L=38	15,6,6
289	ok,NV	0.0	0.67	10.1	6.2	0.0	0.09	0.63	0.85	0.88	2d8/20 L=41	24,14,5
	s=2,m=52	230.3	0.67	10.1	3.1	0.0	0.22	0.21	0.65	0.78	2d8/25 L=341	23,17,5
		460.7	0.67	10.1	9.1	0.0	0.10	0.33	0.91	0.97	2d8/20 L=41	32,14,5
300	NV,NV	0.0	0.34	12.1	6.2	0.0	0.20	1.43	0.29	1.32	2d8/20 L=235	24,24,5
	s=23,m=52	235.4	0.34	12.1	6.2	0.0	0.20	1.19	0.29	1.32	2d8/20 L=235	23,24,5
287	ok,NV	0.0	0.67	10.1	9.1	0.0	0.11	0.16	0.95	1.10	2d8/20 L=60	27,21,5
	s=2,m=52	321.0	0.67	10.1	3.1	0.0	0.08	0.60	0.76	1.04	2d8/25 L=243	1,5,5
271	ok,NV	0.0	0.67	10.1	3.1	0.0	0.08	0.19	1.00	2.45	2d8/25 L=110	32,33,10
	s=2,m=52	191.1	0.67	10.1	6.2	0.0	0.09	0.26	1.03	3.86	2d8/20 L=60	35,10,5
227	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	0.99	0.91	0.59	2d8/20 L=42	21,10,5
	s=2,m=52	223.2	0.31	4.6	3.1	0.0	0.10	0.61	0.75	0.47	2d8/25 L=326	21,10,5
		446.3	0.51	3.1	7.7	0.0	0.15	0.44	0.90	0.57	2d8/20 L=38	21,10,5
M_T= 59 Z=760.7 P=40 P=52												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
268	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.61	0.75	0.68	2d8/20 L=37	21,15,5
	s=2,m=52	186.9	0.41	6.2	3.1	0.0	0.12	0.16	0.65	0.70	2d8/25 L=254	1,15,5
		373.8	0.62	4.6	9.2	0.0	0.15	0.31	0.86	0.82	2d8/20 L=46	24,15,5
223	NV,ok	0.0	0.41	4.6	6.2	0.0	0.11	0.60	0.96	0.62	2d8/20 L=46	24,15,5
	s=2,m=52	193.1	0.41	6.2	3.1	0.0	0.12	0.53	0.80	0.53	2d8/25 L=266	24,15,5
		386.2	0.31	4.6	4.6	0.0	0.09	1.02	0.92	0.57	2d8/20 L=42	24,15,5
M_T= 60 Z=769.5 P=5 P=13												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
224	ok,ok	0.0	0.49	6.2	7.3	0.0	0.11	0.47	0.89	0.69	2d8/20 L=42	36,10,5
	s=2,m=52	446.0	0.51	7.7	3.1	0.0	0.15	0.31	0.71	0.57	2d8/25 L=386	33,10,5
269	NV,ok	0.0	0.51	7.7	3.1	0.0	0.15	0.32	0.72	0.56	2d8/25 L=131	33,10,5
	s=2,m=52	191.1	0.81	6.2	12.2	0.0	0.19	0.52	0.93	0.69	2d8/20 L=42	2,10,5
M_T= 61 Z=769.6 P=8 P=14												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
270	NV,ok	0.0	0.51	3.1	7.7	0.0	0.15	0.85	0.78	0.65	2d8/25 L=113	2,8,5
	s=2,m=52	191.1	0.81	2.3	12.2	0.0	0.08	1.45	0.57	0.29	2d8/20 L=60	21,8,5
225	ok,ok	0.0	0.49	6.2	7.3	0.0	0.10	0.40	0.56	0.29	2d8/20 L=60	27,8,5
	s=2,m=52	446.6	0.51	7.7	3.1	0.0	0.15	0.93	0.84	0.79	2d8/25 L=368	26,8,5
M_T= 62 Z=742.9 P=13 P=16												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
242	NV,ok	0.0	0.81	3.1	12.2	0.0	0.29	1.17	1.00	0.81	2d8/20 L=41	30,17,17
	s=2,m=52	204.6	0.48	4.6	7.2	0.0	0.12	0.61	0.85	0.69	2d8/25 L=289	30,17,5
		409.3	0.65	3.1	9.8	0.0	0.21	0.42	0.97	0.69	2d8/20 L=41	2,17,5
M_T= 63 Z=742.9 P=14 P=20												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
243	NV,ok	0.0	0.81	3.1	12.2	0.0	0.29	0.33	1.00	0.85	2d8/20 L=41	24,35,15
	s=2,m=52	204.4	0.48	4.6	7.2	0.0	0.12	0.62	0.89	0.70	2d8/25 L=289	24,15,5
		408.9	0.65	3.1	9.8	0.0	0.21	1.17	0.99	0.69	2d8/20 L=41	24,15,5
M_T= 64 Z=742.9 N=138 N=192												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
244	NV,ok	0.0	0.15	2.3	2.3	0.0	0.08	0.68	0.68	0.57	2d8/30 L=378	32,8,5
	s=2,m=52	396.8	0.15	2.3	2.3	0.0	0.08	1.26	0.67	0.58	2d8/30 L=378	31,8,5
M_T= 65 Z=742.9 N=139 N=191												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
245	NV,ok	0.0	0.15	2.3	2.3	0.0	0.08	0.68	0.64	0.57	2d8/30 L=378	22,10,5
	s=2,m=52	396.8	0.15	2.3	2.3	0.0	0.08	1.26	0.63	0.58	2d8/30 L=378	21,10,5
M_T= 66 Z=752.4 P=28 P=35												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
246	NV,ok	0.0	0.72	6.2	10.8	0.0	0.15	0.59	0.97	0.78	2d8/20 L=39	36,14,5
	s=2,m=52	268.6	0.51	7.7	3.1	0.0	0.15	0.58	0.71	0.58	2d8/25 L=417	29,14,5
		537.3	0.49	6.2	7.3	0.0	0.11	0.73	0.90	0.68	2d8/20 L=43	31,14,5
M_T= 67 Z=752.4 N=142 N=194												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
247	NV,ok	0.0	0.78	4.6	11.7	0.0	0.22	0.46	1.00	0.89	2d8/20 L=39	32,20,15
	s=2,m=52	262.1	0.41	6.2	3.1	0.0	0.12	0.63	0.84	0.57	2d8/25 L=404	31,15,5
		524.2	0.51	4.6	7.7	0.0	0.12	0.66	1.00	0.66	2d8/20 L=43	31,20,15
M_T= 68 Z=752.4 N=143 N=195												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
248	NV,ok	0.0	0.78	4.6	11.7	0.0	0.22	0.45	1.00	0.89	2d8/20 L=39	24,25,17
	s=2,m=52	262.1	0.41	6.2	3.1	0.0	0.12	0.65	0.84	0.57	2d8/25 L=404	21,17,5
		524.2	0.51	4.6	7.7	0.0	0.12	0.67	1.00	0.66	2d8/20 L=43	21,13,17
M_T= 69 Z=752.4 P=34 P=40												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
249	NV,ok	0.0	0.72	6.2	10.8	0.0	0.15	0.49	0.98	0.77	2d8/20 L=43	21,20,5
	s=2,m=52	268.6	0.51	7.7	3.1	0.0	0.15	0.59	0.72	0.59	2d8/25 L=417	23,20,5

		537.3	0.49	6.2	7.3	0.0	0.11	0.84	0.89	0.69	2d8/20 L=39	22,20,5
							M_T= 70	Z=800.0	P=11	P=12		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
258	NV,ok	0.0	0.39	6.2	3.1	0.0	0.18	2.00	0.16	0.45	2d8/20 L=861	2,10,5
	s=21,m=52	899.9	0.39	6.2	3.1	0.0	0.18	1.98	0.16	0.45	2d8/20 L=861	1,10,5
							M_T= 71	Z=894.9	P=37	P=39		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
275	NV,ok	0.0	0.39	6.2	3.1	0.0	0.18	1.84	0.15	0.45	2d8/20 L=870	1,20,5
	s=21,m=52	900.0	0.39	6.2	3.1	0.0	0.18	1.84	0.15	0.45	2d8/20 L=870	1,20,5
							M_T= 72	Z=903.0	N=197	N=200		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
278	ok,ok	0.0	0.39	6.0	15.1	0.0	0.16	0.31	0.29	0.77	2d8/20 L=60	31,24,5
	s=27,m=52	363.0	0.46	18.1	3.1	0.0	0.20	0.38	0.22	0.51	2d8/25 L=606	2,24,5
		726.0	0.39	6.0	15.1	0.0	0.16	0.33	0.29	0.77	2d8/20 L=60	30,24,5
							M_T= 73	Z=903.0	N=198	N=199		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
279	ok,ok	0.0	0.39	6.0	15.1	0.0	0.16	0.31	0.20	0.78	2d8/20 L=60	23,31,5
	s=27,m=52	360.6	0.46	18.1	3.1	0.0	0.20	0.37	0.13	0.52	2d8/25 L=601	1,31,5
		721.2	0.39	6.0	15.1	0.0	0.16	0.32	0.20	0.77	2d8/20 L=60	24,31,5
							M_T= 76	Z=1003.3	P=18	P=19		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
290	NV,ok	0.0	0.56	10.1	3.1	0.0	0.19	2.16	0.18	0.55	2d8/20 L=870	2,11,5
	s=22,m=52	900.2	0.56	10.1	3.1	0.0	0.19	2.15	0.18	0.55	2d8/20 L=870	1,11,5
							M_T= 75	Z=1017.2	P=20	P=28		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
305	NV,ok	0.0	0.34	6.2	3.1	0.0	0.18	3.52	0.53	0.81	2d8/20 L=60	30,36,2
	s=22,m=52	234.6	0.34	6.2	3.1	0.0	0.20	0.19	0.40	0.41	2d8/25 L=349	32,36,5
		469.2	0.34	6.2	3.1	0.0	0.18	0.84	0.48	0.62	2d8/20 L=60	30,36,5
302	NV,ok	0.0	0.34	6.2	2.3	0.0	0.17	1.27	0.40	0.60	2d8/20 L=60	21,33,5
	s=22,m=52	234.5	0.34	6.2	2.3	0.0	0.20	0.19	0.32	0.39	2d8/25 L=349	21,33,5
		469.0	0.34	6.2	2.3	0.0	0.17	5.90	0.45	0.81	2d8/20 L=60	21,33,2
291	NV,NV	0.0	0.34	6.2	3.1	0.0	0.18	7.15	0.51	1.21	2d8/20 L=60	21,22,1
	s=22,m=52	434.6	0.34	6.2	3.1	0.0	0.20	2.20	0.26	0.28	2d8/25 L=749	1,22,5
		869.1	0.34	6.2	3.1	0.0	0.18	8.35	0.57	1.65	2d8/20 L=45	21,22,2
							M_T= 74	Z=1017.2	P=16	P=34		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
303	NV,ok	0.0	0.34	6.2	3.1	0.0	0.18	3.86	0.46	0.81	2d8/20 L=60	31,27,2
	s=22,m=52	234.5	0.34	6.2	3.1	0.0	0.20	0.19	0.33	0.41	2d8/25 L=349	31,27,5
		469.0	0.34	6.2	3.1	0.0	0.18	0.81	0.42	0.62	2d8/20 L=60	33,27,5
304	NV,ok	0.0	0.34	6.2	3.1	0.0	0.18	0.82	0.48	0.62	2d8/20 L=60	24,26,5
	s=22,m=52	234.5	0.34	6.2	3.1	0.0	0.20	0.19	0.39	0.41	2d8/25 L=349	22,26,5
		469.0	0.34	6.2	3.1	0.0	0.18	3.51	0.52	0.81	2d8/20 L=60	24,26,2
293	NV,NV	0.0	0.34	6.2	3.1	0.0	0.18	6.66	0.49	1.22	2d8/20 L=60	26,21,1
	s=22,m=52	434.6	0.34	6.2	3.1	0.0	0.20	2.15	0.23	0.28	2d8/25 L=749	1,21,5
		869.1	0.34	6.2	3.1	0.0	0.18	7.86	0.55	1.65	2d8/20 L=45	26,21,2
							M_T= 77	Z=1031.3	P=30	P=32		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
295	NV,ok	0.0	0.56	10.1	3.1	0.0	0.19	2.22	0.18	0.55	2d8/20 L=870	2,23,5
	s=22,m=52	900.0	0.56	10.1	3.1	0.0	0.19	2.22	0.18	0.55	2d8/20 L=870	2,23,5
Trave			%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		
			0.81	18.10	15.14	0.0	0.33	<u>8.35</u>	1.61	3.86		

Trave	M negativo	iM positivo	iM negativo	fM positivo	fLucente per V	V M-i	M+f	V M+i	M-f	VEd,min	VEd,max	Vr1	As
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	daN	daN	cm2
57	1.344e+06	7.490e+05	1.344e+06	7.490e+05	288.48	7255.10	7255.10	7255.10	7255.10	0.0	0.0	0.0	0.0
58	1.344e+06	7.490e+05	1.344e+06	7.490e+05	288.49	7255.03	7255.03	7255.03	7255.03	0.0	0.0	0.0	0.0
59	1.344e+06	7.490e+05	1.083e+06	7.488e+05	315.08	6642.04	5815.39	5815.39	5815.39	0.0	0.0	0.0	0.0
60	1.344e+06	7.490e+05	1.344e+06	7.490e+05	316.15	6620.21	6620.21	6620.21	6620.21	0.0	0.0	0.0	0.0
61	1.083e+06	7.488e+05	1.344e+06	7.490e+05	315.15	5814.13	6640.61	6640.61	6640.61	0.0	0.0	0.0	0.0
62	1.083e+06	7.488e+05	1.083e+06	7.488e+05	314.03	5834.24	5834.24	5834.24	5834.24	0.0	0.0	0.0	0.0
63	1.344e+06	7.490e+05	1.083e+06	7.488e+05	358.92	5830.85	5105.15	5105.15	5105.15	0.0	0.0	0.0	0.0
64	1.344e+06	7.490e+05	1.083e+06	7.488e+05	354.72	5899.86	5165.58	5165.58	5165.58	0.0	0.0	0.0	0.0
65	1.873e+06	5.583e+05	2.680e+06	5.587e+05	538.99	4512.31	6008.81	6008.81	6008.81	0.0	0.0	0.0	0.0
66	1.178e+06	7.488e+05	1.178e+06	7.488e+05	539.59	3571.28	3571.28	3571.28	3571.28	0.0	0.0	0.0	0.0
67	2.150e+06	7.491e+05	2.482e+06	7.489e+05	319.18	9082.73	1.012e+04	1.012e+04	1.012e+04	0.0	0.0	0.0	0.0
68	2.482e+06	7.489e+05	2.482e+06	7.489e+05	413.89	7806.85	7806.85	7806.85	7806.85	0.0	0.0	0.0	0.0
69	2.150e+06	7.491e+05	1.809e+06	7.489e+05	414.04	7001.75	6178.80	6178.80	6178.80	0.0	0.0	0.0	0.0
70	1.461e+06	7.488e+05	2.150e+06	7.491e+05	390.65	5656.86	7419.96	7419.96	7419.96	0.0	0.0	0.0	0.0
71	2.150e+06	7.491e+05	1.809e+06	7.489e+05	375.03	7730.16	6821.59	6821.59	6821.59	0.0	0.0	0.0	0.0
72	1.344e+06	7.490e+05	1.344e+06	7.490e+05	416.87	5020.70	5020.70	5020.70	5020.70	0.0	0.0	0.0	0.0
73	1.344e+06	7.490e+05	1.344e+06	7.490e+05	416.97	5019.51	5019.51	5019.51	5019.51	0.0	0.0	0.0	0.0
74	2.680e+06	5.587e+05	2.031e+06	5.583e+05	261.29	1.239e+04	9911.10	9911.10	9911.10	0.0	0.0	0.0	0.0
75	2.680e+06	5.587e+05	2.031e+06	5.583e+05	260.79	1.242e+04	9930.00	9930.00	9930.00	0.0	0.0	0.0	0.0
78	2.150e+06	7.491e+05	2.150e+06	7.491e+05	437.04	6633.79	6633.79	6633.79	6633.79	0.0	0.0	0.0	0.0

79	2.150e+06	7.491e+05	1.809e+06	7.489e+05	324.77	8926.46	7877.29	0.0	0.0	0.0	0.0
80	2.150e+06	7.491e+05	2.150e+06	7.491e+05	375.00	7731.30	7731.30	0.0	0.0	0.0	0.0
81	9.132e+05	4.106e+05	7.902e+05	4.101e+05	391.20	3382.50	3069.51	0.0	0.0	0.0	0.0
83	1.344e+06	7.490e+05	1.344e+06	7.490e+05	299.99	6976.86	6976.86	0.0	0.0	0.0	0.0
84	1.344e+06	7.490e+05	1.344e+06	7.490e+05	300.00	6976.61	6976.61	0.0	0.0	0.0	0.0
86	1.809e+06	7.489e+05	2.150e+06	7.491e+05	500.02	5116.36	5797.80	0.0	0.0	0.0	0.0
87	2.150e+06	7.491e+05	2.150e+06	7.491e+05	324.89	8923.80	8923.80	0.0	0.0	0.0	0.0
88	1.178e+06	1.107e+06	1.627e+06	1.106e+06	515.00	4436.38	5309.00	0.0	0.0	0.0	0.0
89	1.178e+06	1.107e+06	1.627e+06	1.106e+06	310.15	7366.46	8815.42	0.0	0.0	0.0	0.0
91	1.344e+06	7.490e+05	1.344e+06	7.490e+05	269.99	7752.10	7752.10	0.0	0.0	0.0	0.0
92	2.150e+06	7.491e+05	2.150e+06	7.491e+05	280.00	1.035e+04	1.035e+04	0.0	0.0	0.0	0.0
93	1.344e+06	7.490e+05	1.344e+06	7.490e+05	270.00	7751.79	7751.79	0.0	0.0	0.0	0.0
94	8.098e+05	5.107e+05	9.174e+05	5.109e+05	359.98	3669.00	3967.38	0.0	0.0	0.0	0.0
95	6.513e+05	4.089e+05	9.132e+05	4.106e+05	361.33	2938.80	3658.82	0.0	0.0	0.0	0.0
96	2.150e+06	7.491e+05	2.150e+06	7.491e+05	437.04	6633.79	6633.79	0.0	0.0	0.0	0.0
97	2.150e+06	7.491e+05	2.150e+06	7.491e+05	325.00	8920.73	8920.73	0.0	0.0	0.0	0.0
98	2.150e+06	7.491e+05	2.150e+06	7.491e+05	325.00	8920.73	8920.73	0.0	0.0	0.0	0.0
99	2.150e+06	7.491e+05	2.150e+06	7.491e+05	437.04	6633.79	6633.79	0.0	0.0	0.0	0.0
102	1.783e+06	5.581e+05	1.602e+06	5.579e+05	410.54	5701.15	5260.67	0.0	0.0	0.0	0.0
103	1.438e+06	7.486e+05	1.344e+06	7.490e+05	390.00	5607.76	5365.53	0.0	0.0	0.0	0.0
104	1.809e+06	7.489e+05	2.150e+06	7.491e+05	410.00	6239.69	7070.76	0.0	0.0	0.0	0.0
105	1.438e+06	7.486e+05	1.344e+06	7.490e+05	390.00	5607.76	5365.53	0.0	0.0	0.0	0.0
106	1.783e+06	5.581e+05	1.602e+06	5.579e+05	410.54	5701.15	5260.67	0.0	0.0	0.0	0.0
107	1.809e+06	7.489e+05	2.150e+06	7.491e+05	320.33	7986.25	9049.94	0.0	0.0	0.0	0.0
108	2.150e+06	7.491e+05	1.809e+06	7.489e+05	325.00	8920.03	7871.61	0.0	0.0	0.0	0.0
109	1.809e+06	7.489e+05	2.150e+06	7.491e+05	324.96	7872.66	8921.21	0.0	0.0	0.0	0.0
110	2.150e+06	7.491e+05	1.809e+06	7.489e+05	320.30	9050.86	7987.07	0.0	0.0	0.0	0.0
111	5.581e+05	1.272e+06	1.438e+06	7.486e+05	178.97	7300.87	1.514e+04	0.0	0.0	0.0	0.0
112	1.461e+06	7.485e+05	1.461e+06	7.485e+05	169.99	1.300e+04	1.300e+04	0.0	0.0	0.0	0.0
113	5.581e+05	1.272e+06	1.438e+06	7.486e+05	178.97	7300.78	1.514e+04	0.0	0.0	0.0	0.0
114	1.343e+06	5.580e+05	1.783e+06	5.581e+05	307.14	6190.33	7620.71	0.0	0.0	0.0	0.0
115	1.343e+06	5.580e+05	1.783e+06	5.581e+05	307.14	6190.39	7620.79	0.0	0.0	0.0	0.0
116	1.809e+06	7.489e+05	2.482e+06	7.489e+05	381.44	6706.22	8471.00	0.0	0.0	0.0	0.0
117	2.482e+06	7.489e+05	1.809e+06	7.489e+05	381.57	8468.10	6703.92	0.0	0.0	0.0	0.0
118	1.438e+06	7.486e+05	5.581e+05	1.272e+06	124.96	2.169e+04	1.046e+04	0.0	0.0	0.0	0.0
119	1.438e+06	7.486e+05	5.581e+05	1.272e+06	124.96	2.169e+04	1.046e+04	0.0	0.0	0.0	0.0
120	1.461e+06	7.485e+05	2.150e+06	7.491e+05	416.09	5311.04	6966.35	0.0	0.0	0.0	0.0
121	2.150e+06	7.491e+05	1.461e+06	7.485e+05	416.09	6966.35	5311.04	0.0	0.0	0.0	0.0
122	1.424e+06	7.487e+05	2.150e+06	7.491e+05	415.99	5224.74	6968.39	0.0	0.0	0.0	0.0
123	2.150e+06	7.491e+05	1.461e+06	7.485e+05	415.99	6968.01	5312.31	0.0	0.0	0.0	0.0
124	1.343e+06	5.580e+05	1.343e+06	5.580e+05	311.96	6094.51	6094.51	0.0	0.0	0.0	0.0
125	1.083e+06	7.488e+05	1.438e+06	7.486e+05	311.96	5872.23	7010.00	0.0	0.0	0.0	0.0
126	1.083e+06	7.488e+05	1.438e+06	7.486e+05	311.96	5872.23	7009.99	0.0	0.0	0.0	0.0
127	1.343e+06	5.580e+05	1.343e+06	5.580e+05	311.97	6094.35	6094.35	0.0	0.0	0.0	0.0
128	1.344e+06	7.490e+05	1.344e+06	7.490e+05	337.34	6204.38	6204.38	0.0	0.0	0.0	0.0
129	1.344e+06	7.490e+05	1.344e+06	7.490e+05	335.88	6231.39	6231.39	0.0	0.0	0.0	0.0
130	1.344e+06	7.490e+05	1.344e+06	7.490e+05	332.61	6292.52	6292.52	0.0	0.0	0.0	0.0
131	1.344e+06	7.490e+05	1.344e+06	7.490e+05	336.17	6225.95	6225.95	0.0	0.0	0.0	0.0
132	1.344e+06	7.490e+05	1.344e+06	7.490e+05	315.28	6638.58	6638.58	0.0	0.0	0.0	0.0
133	1.344e+06	7.490e+05	1.344e+06	7.490e+05	309.92	6753.41	6753.41	0.0	0.0	0.0	0.0
170	1.344e+06	8.208e+05	1.344e+06	8.208e+05	288.48	7505.02	7505.02	0.0	0.0	0.0	0.0
171	1.344e+06	8.208e+05	1.344e+06	8.208e+05	288.49	7504.95	7504.95	0.0	0.0	0.0	0.0
172	1.106e+06	7.487e+05	1.106e+06	7.487e+05	523.92	4217.20	3540.61	0.0	0.0	0.0	0.0
173	1.106e+06	7.487e+05	1.106e+06	7.487e+05	139.98	1.325e+04	1.325e+04	0.0	0.0	0.0	0.0
174	1.083e+06	1.107e+06	1.345e+06	1.107e+06	315.08	6950.89	7779.91	0.0	0.0	0.0	0.0
175	1.344e+06	8.208e+05	1.083e+06	1.107e+06	316.15	7752.27	6023.40	0.0	0.0	0.0	0.0
176	1.344e+06	8.208e+05	1.083e+06	1.107e+06	315.15	7776.88	6042.52	0.0	0.0	0.0	0.0
177	1.083e+06	1.107e+06	1.345e+06	1.107e+06	314.03	6974.16	7805.96	0.0	0.0	0.0	0.0
178	1.461e+06	7.485e+05	1.461e+06	7.485e+05	523.92	4217.20	3540.61	0.0	0.0	0.0	0.0
179	1.461e+06	7.485e+05	1.461e+06	7.485e+05	354.72	6228.18	6228.18	0.0	0.0	0.0	0.0
180	1.999e+06	1.356e+06	2.693e+06	1.356e+06	538.99	6224.70	7513.25	0.0	0.0	0.0	0.0
181	1.999e+06	1.356e+06	2.693e+06	1.356e+06	539.59	6217.77	7504.88	0.0	0.0	0.0	0.0
182	1.461e+06	7.485e+05	1.461e+06	7.485e+05	416.87	5299.60	5299.60	0.0	0.0	0.0	0.0
183	1.461e+06	7.485e+05	1.461e+06	7.485e+05	416.97	5298.35	5298.35	0.0	0.0	0.0	0.0
184	2.685e+06	1.004e+06	2.459e+06	1.004e+06	261.29	1.412e+04	1.325e+04	0.0	0.0	0.0	0.0
185	2.685e+06	1.004e+06	2.459e+06	1.004e+06	260.79	1.415e+04	1.328e+04	0.0	0.0	0.0	0.0
188	3.350e+06	4.766e+06	4.323e+06	4.775e+06	791.81	1.026e+04	1.148e+04	0.0	0.0	0.0	0.0
189	3.350e+06	4.766e+06	4.323e+06	4.775e+06	792.04	1.026e+04	1.147e+04	0.0	0.0	0.0	0.0
190	1.783e+06	6.222e+05	1.783e+06	6.222e+05	726.05	3312.13	3312.13	0.0	0.0	0.0	0.0
191	1.783e+06	6.222e+05	1.783e+06	6.222e+05	721.21	3334.35	3334.35	0.0	0.0	0.0	0.0
192	3.350e+06	4.766e+06	4.323e+06	4.775e+06	792.04	1.026e+04	1.147e+04	0.0	0.0	0.0	0.0
193	3.350e+06	4.766e+06	4.323e+06	4.775e+06	792.04	1.026e+04	1.147e+04	0.0	0.0	0.0	0.0
196	1.462e+06	1.107e+06	1.814e+06	1.107e+06	410.54	6257.50	7115.30	0.0	0.0	0.0	0.0
197	1.809e+06	7.489e+05	1.461e+06	7.485e+05	390.00	6558.10	5665.74	0.0	0.0	0.0	0.0
198	1.809e+06	7.489e+05	1.461e+06	7.485e+05	390.00	6558.10	5665.74	0.0	0.0	0.0	0.0
199	1.462e+06	1.107e+06	1.814e+06	1.107e+06	410.54	6257.50	7115.30	0.0	0.0	0.0	0.0

200	1.809e+06	7.489e+05	1.809e+06	7.489e+05	307.14	8328.51	8328.51	0.0	0.0	0.0	0.0
201	1.809e+06	7.489e+05	1.809e+06	7.489e+05	303.93	8416.44	8416.44	0.0	0.0	0.0	0.0
202	1.809e+06	7.489e+05	1.809e+06	7.489e+05	303.93	8416.47	8416.47	0.0	0.0	0.0	0.0
203	1.462e+06	1.107e+06	1.814e+06	1.107e+06	307.14	8364.14	9510.72	0.0	0.0	0.0	0.0
204	1.809e+06	7.489e+05	1.461e+06	7.485e+05	311.96	8198.70	7083.11	0.0	0.0	0.0	0.0
205	1.461e+06	7.485e+05	1.809e+06	7.489e+05	311.96	7083.11	8198.70	0.0	0.0	0.0	0.0
206	7.488e+05	7.488e+05	7.488e+05	7.488e+05	311.96	4800.52	4800.52	0.0	0.0	0.0	0.0
207	1.809e+06	7.489e+05	1.461e+06	7.485e+05	311.97	8198.49	7082.92	0.0	0.0	0.0	0.0
208	1.083e+06	1.107e+06	1.345e+06	1.107e+06	337.34	6492.26	7266.58	0.0	0.0	0.0	0.0
209	1.344e+06	8.208e+05	1.083e+06	1.107e+06	335.88	7296.96	5669.63	0.0	0.0	0.0	0.0
210	1.083e+06	1.107e+06	1.345e+06	1.107e+06	332.61	6584.49	7369.81	0.0	0.0	0.0	0.0
211	1.344e+06	8.208e+05	1.083e+06	1.107e+06	336.17	7290.59	5664.68	0.0	0.0	0.0	0.0
212	1.344e+06	8.208e+05	1.344e+06	8.208e+05	315.28	6867.26	6867.26	0.0	0.0	0.0	0.0
213	1.344e+06	8.208e+05	1.344e+06	8.208e+05	309.92	6986.05	6986.05	0.0	0.0	0.0	0.0
216	1.107e+06	1.107e+06	1.107e+06	1.107e+06	323.20	6848.42	6848.42	0.0	0.0	0.0	0.0
217	1.107e+06	1.107e+06	1.107e+06	1.107e+06	323.20	6848.42	6848.42	0.0	0.0	0.0	0.0
220	1.462e+06	1.107e+06	1.107e+06	1.107e+06	354.26	7252.08	6248.13	0.0	0.0	0.0	0.0
221	1.461e+06	7.485e+05	1.809e+06	7.489e+05	354.26	6237.38	7219.77	0.0	0.0	0.0	0.0
222	1.461e+06	7.485e+05	1.809e+06	7.489e+05	354.26	6237.38	7219.77	0.0	0.0	0.0	0.0
223	1.462e+06	1.107e+06	1.107e+06	1.107e+06	354.26	7251.92	6248.00	0.0	0.0	0.0	0.0
224	1.723e+06	1.463e+06	7.489e+05	1.809e+06	600.77	7137.39	5303.67	0.0	0.0	0.0	0.0
225	1.723e+06	1.463e+06	7.489e+05	1.809e+06	601.30	2490.84	6017.49	0.0	0.0	0.0	0.0
226	1.809e+06	7.489e+05	1.809e+06	7.489e+05	410.18	6236.45	6236.45	0.0	0.0	0.0	0.0
227	1.809e+06	7.489e+05	1.809e+06	7.489e+05	405.77	6304.19	6304.19	0.0	0.0	0.0	0.0
236	1.463e+06	1.463e+06	1.463e+06	1.463e+06	325.90	7885.59	8976.91	0.0	0.0	0.0	0.0
237	1.462e+06	1.107e+06	1.462e+06	1.107e+06	325.90	7883.43	7883.43	0.0	0.0	0.0	0.0
242	2.777e+06	7.489e+05	2.270e+06	7.487e+05	371.37	9494.71	8128.81	0.0	0.0	0.0	0.0
243	2.777e+06	7.489e+05	2.270e+06	7.487e+05	371.02	9503.71	8136.51	0.0	0.0	0.0	0.0
244	5.570e+05	5.570e+05	5.570e+05	5.570e+05	378.23	2945.12	2945.12	0.0	0.0	0.0	0.0
245	5.570e+05	5.570e+05	5.570e+05	5.570e+05	378.28	2944.73	2944.73	0.0	0.0	0.0	0.0
246	2.507e+06	1.464e+06	1.723e+06	1.463e+06	499.11	7954.67	6384.37	0.0	0.0	0.0	0.0
247	2.705e+06	1.106e+06	1.814e+06	1.107e+06	486.38	7836.88	6005.21	0.0	0.0	0.0	0.0
248	2.705e+06	1.106e+06	1.814e+06	1.107e+06	486.38	7836.88	6005.21	0.0	0.0	0.0	0.0
249	2.516e+06	1.463e+06	1.723e+06	1.463e+06	499.11	7972.19	6383.85	0.0	0.0	0.0	0.0
256	1.462e+06	1.107e+06	1.462e+06	1.107e+06	325.90	7885.59	8976.91	0.0	0.0	0.0	0.0
257	1.462e+06	1.107e+06	1.462e+06	1.107e+06	325.90	7883.43	7883.43	0.0	0.0	0.0	0.0
258	2.962e+05	5.167e+05	2.962e+05	5.167e+05	860.53	944.63	944.63	0.0	0.0	0.0	0.0
259	7.485e+05	1.461e+06	1.817e+06	1.463e+06	426.70	5183.29	7681.77	0.0	0.0	0.0	0.0
260	7.485e+05	1.461e+06	1.817e+06	1.463e+06	426.80	5182.10	7680.02	0.0	0.0	0.0	0.0
261	2.461e+06	2.461e+06	2.461e+06	2.461e+06	609.99	8068.86	8068.86	0.0	0.0	0.0	0.0
262	1.248e+06	4.704e+06	1.248e+06	4.704e+06	610.00	9756.63	9756.63	0.0	0.0	0.0	0.0
263	1.462e+06	1.107e+06	1.462e+06	1.107e+06	400.00	6422.92	6422.92	0.0	0.0	0.0	0.0
264	1.462e+06	1.107e+06	1.462e+06	1.107e+06	400.00	6422.92	6422.92	0.0	0.0	0.0	0.0
265	1.462e+06	1.107e+06	2.161e+06	1.107e+06	336.34	7638.41	9716.88	0.0	0.0	0.0	0.0
266	1.111e+06	7.487e+05	2.680e+06	7.492e+05	337.86	5506.07	1.015e+04	0.0	0.0	0.0	0.0
267	1.111e+06	7.487e+05	2.659e+06	7.492e+05	337.86	5506.25	1.009e+04	0.0	0.0	0.0	0.0
268	1.462e+06	1.107e+06	2.161e+06	1.107e+06	336.33	7638.47	9716.97	0.0	0.0	0.0	0.0
269	7.489e+05	1.809e+06	2.825e+06	1.463e+06	600.77	7137.39	5303.67	0.0	0.0	0.0	0.0
270	1.809e+06	7.489e+05	2.757e+06	5.579e+05	601.30	2490.84	6017.49	0.0	0.0	0.0	0.0
271	7.485e+05	2.326e+06	1.463e+06	2.351e+06	169.81	1.825e+04	2.231e+04	0.0	0.0	0.0	0.0
272	7.485e+05	2.326e+06	1.463e+06	2.351e+06	169.79	1.825e+04	2.232e+04	0.0	0.0	0.0	0.0
275	2.962e+05	5.167e+05	2.962e+05	5.167e+05	870.00	934.34	934.34	0.0	0.0	0.0	0.0
278	2.028e+06	8.859e+05	2.028e+06	8.859e+05	726.05	4013.03	4013.03	0.0	0.0	0.0	0.0
279	2.028e+06	8.859e+05	2.028e+06	8.859e+05	721.21	4039.96	4039.96	0.0	0.0	0.0	0.0
286	2.144e+06	2.359e+06	7.485e+05	2.326e+06	302.57	1.477e+04	1.027e+04	0.0	0.0	0.0	0.0
287	2.144e+06	2.359e+06	7.485e+05	2.326e+06	302.63	1.477e+04	1.027e+04	0.0	0.0	0.0	0.0
288	1.463e+06	2.351e+06	2.144e+06	2.359e+06	422.46	9047.24	1.064e+04	0.0	0.0	0.0	0.0
289	1.463e+06	2.351e+06	2.144e+06	2.359e+06	422.46	9047.24	1.064e+04	0.0	0.0	0.0	0.0
290	3.089e+05	8.073e+05	3.089e+05	8.073e+05	870.23	1282.64	1282.64	0.0	0.0	0.0	0.0
291	3.041e+05	5.244e+05	3.041e+05	5.244e+05	854.07	970.06	970.06	0.0	0.0	0.0	0.0
293	3.041e+05	5.244e+05	3.041e+05	5.244e+05	854.05	970.09	970.09	0.0	0.0	0.0	0.0
295	3.089e+05	8.073e+05	3.089e+05	8.073e+05	870.00	1282.98	1282.98	0.0	0.0	0.0	0.0
300	6.079e+05	1.029e+06	6.079e+05	1.029e+06	235.43	6954.63	6954.63	0.0	0.0	0.0	0.0
301	6.079e+05	1.029e+06	6.079e+05	1.029e+06	235.77	6944.69	6944.69	0.0	0.0	0.0	0.0
302	2.447e+05	5.229e+05	2.447e+05	5.229e+05	469.03	1636.42	1636.42	0.0	0.0	0.0	0.0
303	3.041e+05	5.244e+05	3.041e+05	5.244e+05	469.00	1766.54	1766.54	0.0	0.0	0.0	0.0
304	3.041e+05	5.244e+05	3.041e+05	5.244e+05	469.03	1766.41	1766.41	0.0	0.0	0.0	0.0
305	3.041e+05	5.244e+05	3.041e+05	5.244e+05	469.17	1765.91	1765.91	0.0	0.0	0.0	0.0
TraveM negativo iM positivo iM negativo fM positivo f					V M-i M+f		V M+i M-f	VEd,min	VEd,max	Vr1	As
								0.0			
					3.350e+06		2.169e+04	2.232e+04	0.0	0.0	0.0

19. STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

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

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

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

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

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

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

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

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

Pilas.	Pos. cm	rRfck	rRfyk	rPfck	Rif. cmb	Pos. cm	rRfck	rRfyk	rPfck	Rif. cmb
1	0.0	0.24	0.11	0.28	102,102,106	270.0	0.30	0.13	0.34	102,102,106
2	0.0	0.34	0.15	0.38	102,102,106	270.0	0.39	0.17	0.44	102,102,106
3	0.0	0.21	0.10	0.25	102,102,106	270.0	0.22	0.10	0.26	102,102,106
4	0.0	0.34	0.15	0.39	102,102,106	270.0	0.40	0.18	0.46	102,102,106
5	0.0	0.30	0.14	0.38	102,102,106	270.0	0.41	0.18	0.51	102,102,106
6	0.0	0.38	0.17	0.47	102,102,106	270.0	0.43	0.19	0.53	102,102,106
7	0.0	0.35	0.16	0.43	102,102,106	270.0	0.42	0.19	0.51	102,102,106
8	0.0	0.41	0.18	0.50	102,102,106	270.0	0.53	0.23	0.63	102,102,106
9	0.0	0.46	0.21	0.55	102,102,106	270.0	0.49	0.23	0.58	102,102,106
10	0.0	0.44	0.19	0.48	102,102,106	270.0	0.69	0.28	0.75	102,102,106
11	0.0	0.45	0.19	0.49	102,102,106	270.0	0.87	0.36	0.91	102,102,106
12	0.0	0.65	0.30	0.79	102,102,106	270.0	0.77	0.35	0.91	102,102,106
13	0.0	0.50	0.23	0.60	102,102,106	270.0	0.63	0.28	0.74	102,102,106
14	0.0	0.45	0.21	0.56	102,102,106	270.0	0.61	0.27	0.75	102,102,106
15	0.0	0.39	0.19	0.42	102,102,106	270.0	0.41	0.19	0.44	102,102,106
16	0.0	0.45	0.21	0.54	102,102,105	270.0	0.49	0.23	0.56	102,102,106
17	0.0	0.37	0.17	0.39	102,102,106	270.0	0.41	0.19	0.43	102,102,106
18	0.0	0.56	0.26	0.69	102,102,106	270.0	0.61	0.28	0.73	102,102,106
19	0.0	0.72	0.34	0.88	102,102,106	270.0	0.75	0.35	0.90	102,102,106
20	0.0	0.88	0.37	1.05	102,102,106	270.0	1.79	0.68	2.01	102,102,106
21	0.0	0.39	0.17	0.49	102,102,106	270.0	0.69	0.27	0.92	101,101,105
22	0.0	0.12	0.06	0.12	102,102,106	270.0	0.12	0.05	0.11	102,102,106
23	0.0	0.15	0.06	0.17	102,102,106	270.0	0.22	0.09	0.24	102,102,106
24	0.0	0.34	0.16	0.36	102,102,106	270.0	0.39	0.18	0.42	102,102,106
25	0.0	0.44	0.19	0.48	102,102,106	270.0	0.71	0.29	0.77	102,102,106
26	0.0	0.61	0.49	0.68	102,102,106	270.0	1.20	1.21	1.33	102,102,106
27	0.0	1.18	0.46	1.32	102,102,106	270.0	3.05	1.96	3.41	102,102,106
28	0.0	0.46	0.22	0.60	102,102,106	270.0	0.48	0.22	0.64	101,102,105
29	0.0	0.27	0.12	0.28	102,102,106	270.0	0.31	0.14	0.32	102,102,106
30	0.0	0.54	0.25	0.66	102,102,106	270.0	0.61	0.28	0.72	102,102,106
31	0.0	0.29	0.14	0.31	102,102,106	270.0	0.34	0.15	0.37	102,102,106
32	0.0	0.54	0.26	0.66	102,102,106	270.0	0.64	0.29	0.75	102,102,106
33	0.0	0.32	0.15	0.34	102,102,106	270.0	0.38	0.18	0.40	102,102,106

34	0.0	0.55	0.26	0.66 102,102,106	270.0	0.60	0.28	0.68 102,102,106
35	0.0	0.36	0.17	0.44 102,102,106	270.0	0.42	0.19	0.49 102,102,106
36	0.0	0.23	0.11	0.25 102,102,106	270.0	0.22	0.10	0.24 102,102,106
37	0.0	0.49	0.23	0.60 102,102,106	270.0	0.53	0.24	0.62 102,102,106
38	0.0	0.30	0.13	0.32 102,102,106	270.0	0.37	0.16	0.40 102,102,106
39	0.0	0.42	0.20	0.53 102,102,106	270.0	0.40	0.19	0.51 102,102,106
40	0.0	0.36	0.17	0.43 102,102,106	270.0	0.36	0.17	0.44 102,102,106
41	0.0	0.15	0.07	0.17 102,102,106	270.0	0.15	0.07	0.17 102,102,106
42	0.0	0.12	0.06	0.15 102,102,106	270.0	0.12	0.05	0.15 102,102,106
43	0.0	0.39	0.18	0.47 102,102,106	270.0	0.53	0.23	0.62 102,102,106
44	0.0	0.51	0.23	0.61 102,102,106	270.0	0.65	0.28	0.76 102,102,106
45	0.0	0.44	0.20	0.54 102,102,106	270.0	0.59	0.26	0.70 102,102,106
46	0.0	0.46	0.20	0.54 102,102,106	270.0	0.59	0.25	0.68 102,102,106
47	0.0	0.41	0.18	0.44 102,102,106	270.0	0.58	0.24	0.62 102,102,106
48	0.0	0.42	0.18	0.46 102,102,106	270.0	0.60	0.25	0.65 102,102,106
49	0.0	0.23	0.10	0.28 102,102,106	270.0	0.30	0.13	0.36 102,102,106
50	0.0	0.29	0.13	0.35 102,102,106	270.0	0.35	0.15	0.43 102,102,106
51	0.0	0.22	0.10	0.28 102,102,106	270.0	0.29	0.13	0.36 102,102,106
52	0.0	0.29	0.13	0.35 102,102,106	270.0	0.34	0.15	0.42 102,102,106
53	0.0	0.20	0.09	0.24 102,102,106	270.0	0.24	0.11	0.28 102,102,106
54	0.0	0.18	0.08	0.21 102,102,106	270.0	0.20	0.09	0.24 102,102,106
55	0.0	0.21	0.09	0.24 102,102,106	270.0	0.23	0.10	0.27 102,102,106
56	0.0	0.21	0.09	0.24 102,102,106	270.0	0.21	0.09	0.25 102,102,106
134	0.0	0.30	0.19	0.34 102,102,106	360.0	0.36	0.29	0.45 102,102,106
135	0.0	0.36	0.31	0.41 102,102,106	360.0	0.29	0.28	0.36 102,102,106
136	0.0	0.31	0.12	0.38 102,102,106	360.0	0.36	0.19	0.47 102,102,106
137	0.0	0.45	0.25	0.54 102,102,106	360.0	0.45	0.26	0.57 102,102,106
138	0.0	0.65	0.27	0.82 102,102,106	360.0	1.01	0.54	1.30 102,102,106
139	0.0	0.44	0.19	0.55 102,102,106	360.0	0.49	0.22	0.62 102,102,106
140	0.0	0.43	0.19	0.54 102,102,106	360.0	0.48	0.21	0.62 102,102,106
141	0.0	0.77	0.31	0.94 102,102,106	360.0	1.14	0.62	1.44 102,102,106
142	0.0	0.35	0.16	0.43 102,102,106	360.0	0.29	0.14	0.37 102,102,106
143	0.0	0.54	0.24	0.66 102,102,106	360.0	0.38	0.18	0.48 102,102,106
144	0.0	0.46	0.20	0.56 102,102,106	360.0	0.45	0.20	0.59 102,102,106
145	0.0	0.59	0.25	0.74 102,102,106	360.0	0.55	0.24	0.71 102,102,106
146	0.0	0.51	0.22	0.61 102,102,106	360.0	0.63	0.27	0.80 102,102,106
147	0.0	0.76	0.33	0.96 102,102,106	360.0	1.00	0.42	1.27 102,102,106
148	0.0	0.63	0.29	0.80 102,102,106	360.0	0.87	0.38	1.11 102,102,106
149	0.0	1.09	0.42	1.21 102,102,106	360.0	0.42	0.19	0.51 102,102,106
150	0.0	0.54	0.24	0.67 102,102,106	360.0	0.82	0.35	1.05 102,102,106
151	0.0	0.74	0.33	0.93 102,102,106	360.0	1.00	0.42	1.27 102,102,106
152	0.0	0.75	0.32	0.93 102,102,106	360.0	0.97	0.41	1.25 102,102,106
153	0.0	0.63	0.28	0.76 102,102,106	360.0	0.90	0.38	1.13 102,102,106
154	0.0	0.33	0.15	0.41 102,102,106	360.0	0.37	0.16	0.48 102,102,106
155	0.0	0.46	0.21	0.57 102,102,106	360.0	0.45	0.21	0.57 102,102,106
156	0.0	0.41	0.19	0.53 102,102,106	360.0	0.46	0.21	0.60 102,102,106
157	0.0	0.32	0.15	0.40 102,102,105	360.0	0.39	0.17	0.51 102,102,106
158	0.0	0.38	0.16	0.45 102,102,106	360.0	0.23	0.10	0.28 102,102,106
159	0.0	0.47	0.20	0.56 102,102,106	360.0	0.34	0.15	0.42 102,102,106
160	0.0	0.46	0.20	0.55 102,102,106	360.0	0.32	0.14	0.40 102,102,106
161	0.0	0.41	0.17	0.47 102,102,106	360.0	0.26	0.12	0.31 102,102,106
162	0.0	0.41	0.17	0.51 102,102,106	360.0	0.54	0.22	0.69 102,102,106
163	0.0	0.36	0.15	0.45 102,102,106	360.0	0.40	0.17	0.51 102,102,106
164	0.0	0.34	0.15	0.43 102,102,106	360.0	0.37	0.16	0.48 102,102,106
165	0.0	0.45	0.18	0.55 102,102,106	360.0	0.60	0.24	0.75 102,102,106
166	0.0	0.25	0.10	0.29 102,102,106	360.0	0.31	0.16	0.38 102,102,106
167	0.0	0.32	0.18	0.39 102,102,106	360.0	0.30	0.19	0.39 102,102,106
168	0.0	0.39	0.26	0.46 102,102,106	360.0	0.35	0.27	0.45 102,102,106
169	0.0	0.20	0.08	0.24 102,102,106	360.0	0.25	0.13	0.32 102,102,106
214	0.0	0.23	0.10	0.29 102,102,106	85.0	0.14	0.06	0.18 102,102,106
215	0.0	0.22	0.10	0.28 102,102,106	85.0	0.12	0.06	0.16 102,102,106
218	0.0	0.24	0.10	0.30 102,102,106	158.9	0.17	0.07	0.23 102,102,106
219	0.0	0.27	0.11	0.32 102,102,106	158.9	0.18	0.08	0.23 102,102,106
228	0.0	0.32	0.14	0.43 101,101,105	190.0	0.81	0.32	1.08 102,102,106
229	0.0	0.42	0.18	0.53 102,102,106	190.0	0.79	0.31	1.04 102,102,106
230	0.0	1.08	0.42	1.40 102,102,106	190.0	0.46	0.20	0.59 102,102,106
231	0.0	1.20	0.46	1.55 102,102,106	190.0	0.47	0.20	0.60 102,102,106
232	0.0	1.40	0.54	1.82 102,102,106	190.0	0.44	0.19	0.58 102,102,106
233	0.0	1.39	0.54	1.81 102,102,106	190.0	0.42	0.19	0.56 102,102,106
234	0.0	0.33	0.15	0.42 102,102,106	190.0	0.28	0.13	0.37 101,101,105
235	0.0	0.32	0.15	0.41 102,102,106	190.0	0.28	0.13	0.38 101,101,105
238	0.0	0.42	0.17	0.55 102,102,106	73.9	0.60	0.23	0.80 101,101,105
239	0.0	0.40	0.16	0.53 101,101,105	73.9	0.59	0.22	0.78 101,101,105
240	0.0	1.09	0.70	1.38 102,102,106	265.9	0.99	0.63	1.29 102,102,106
241	0.0	0.91	0.49	1.19 102,102,106	265.9	0.93	0.53	1.23 102,102,106
250	0.0	0.61	0.24	0.78 102,102,106	284.9	0.68	0.31	0.90 102,102,106

251	0.0	0.60	0.23	0.76 102,102,106	284.9	0.67	0.29	0.89 102,102,106
252	0.0	0.98	0.68	1.29 102,102,106	319.7	1.39	0.97	1.85 102,102,106
253	0.0	1.17	0.90	1.51 102,102,106	319.7	1.49	1.09	1.98 102,102,106
254	0.0	1.12	0.62	1.46 102,102,106	319.7	1.19	0.73	1.59 102,102,106
255	0.0	1.30	0.84	1.69 102,102,106	319.7	1.43	1.04	1.91 102,102,106
273	0.0	0.67	0.27	0.87 102,102,106	94.9	1.49	0.72	1.98 102,102,106
274	0.0	0.66	0.27	0.86 102,102,106	94.9	1.47	0.67	1.96 102,101,106
276	0.0	0.65	0.26	0.84 102,102,106	203.3	0.55	0.22	0.73 102,102,106
277	0.0	0.66	0.26	0.86 102,102,106	203.3	0.54	0.21	0.72 101,101,105
280	0.0	0.73	0.29	0.95 102,102,106	231.3	0.57	0.23	0.75 101,101,105
281	0.0	0.74	0.29	0.96 102,102,106	231.3	0.56	0.23	0.74 101,101,105

Pilas.	rRfck	rRfyk	rPfck	rRfck	rRfyk	rPfck
	3.05	1.96	3.41			

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	cm					mm	mm	mm		cm	cm	cm	
57	0.0	0.40	0.50	0.45	102,102,106	0.11	0.11	0.11	102,104,106	-0.03	-0.02	-	
0.02	167.0	0.20	0.29	0.23	102,102,106	0.0	0.0	0.0	0,0,0				
	334.0	0.38	0.47	0.43	102,102,106	0.10	0.10	0.10	102,104,106				
58	0.0	0.63	0.80	0.69	102,102,106	0.21	0.20	0.18	102,104,106	-0.16	-0.15	-	
0.14	167.0	0.43	0.63	0.46	102,102,106	0.17	0.16	0.15	102,104,106				
	334.0	0.75	0.95	0.83	102,102,106	0.26	0.24	0.23	102,104,106				
59	0.0	0.14	0.17	0.17	102,102,106	0.0	0.0	0.0	0,0,0	-0.12	-0.11	-	
0.10	176.6	0.30	0.38	0.34	102,102,106	0.08	0.08	0.07	102,104,106				
	353.3	0.54	0.78	0.61	102,102,106	0.22	0.22	0.20	102,104,106				
60	0.0	0.72	0.90	0.80	102,102,106	0.25	0.23	0.22	102,104,106	-0.18	-0.18	-	
0.15	176.6	0.43	0.54	0.47	102,102,106	0.13	0.12	0.11	102,104,106				
	353.2	0.29	0.36	0.33	102,102,106	0.07	0.07	0.07	102,104,106				
61	0.0	0.47	0.69	0.56	102,102,106	0.19	0.19	0.18	102,104,106	-0.09	-0.05	-	
0.05	176.1	0.25	0.31	0.28	102,102,106	0.06	0.0	0.0	102,0,0				
	352.2	0.13	0.16	0.14	102,102,106	0.0	0.0	0.0	0,0,0				
62	0.0	0.19	0.27	0.20	102,102,106	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-	
0.16	176.1	0.39	0.50	0.43	102,102,106	0.11	0.11	0.11	102,104,106				
	352.2	0.82	1.19	0.92	102,102,106	0.38	0.35	0.33	102,104,106				
63	0.0	0.20	0.29	0.25	102,102,106	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	102,104,1
06	202.0	0.11	0.20	0.15	102,102,106	0.0	0.0	0.0	0,0,0				
	403.9	0.20	0.32	0.25	102,102,106	0.0	0.0	0.0	0,0,0				
64	0.0	0.11	0.17	0.15	101,101,105	0.0	0.0	0.0	0,0,0	-0.10	-0.08	-	
0.08	201.9	0.03	0.09	0.04	101,101,105	0.0	0.0	0.0	0,0,0				
	403.9	0.52	0.80	0.58	102,102,106	0.23	0.22	0.21	102,104,106				
65	0.0	0.33	0.35	0.42	102,102,106	0.06	0.07	0.07	102,104,106	-0.17	-0.18	-	
0.18	289.5	0.23	0.25	0.29	102,102,106	0.04	0.05	0.05	102,104,106				
	579.0	0.37	0.31	0.46	102,102,106	0.05	0.05	0.05	102,104,106				
66	0.0	0.43	0.62	0.53	102,102,106	0.16	0.17	0.17	102,104,106	-0.27	-0.29	-	
0.29	289.8	0.29	0.44	0.37	102,102,106	0.10	0.11	0.11	102,104,106				
	579.6	0.41	0.60	0.52	102,102,106	0.15	0.17	0.16	102,104,106				
67	0.0	0.61	0.59	0.67	102,102,106	0.13	0.11	0.11	102,104,106	-0.15	-0.13	-	
0.12	177.6	0.31	0.39	0.32	102,102,106	0.08	0.07	0.07	102,104,106				
	355.1	0.31	0.28	0.33	102,102,106	0.04	0.04	0.04	102,104,106				
68	0.0	0.16	0.15	0.19	102,102,106	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	101,103,1
05	224.9	0.08	0.14	0.11	101,101,105	0.0	0.0	0.0	0,0,0				
	449.9	0.21	0.19	0.28	101,101,105	0.03	0.03	0.03	101,103,105				
69	0.0	0.22	0.23	0.30	101,101,105	0.03	0.04	0.04	101,103,105	-0.07	-0.07	-	
0.07	225.0	0.11	0.16	0.15	101,102,105	0.0	0.0	0.0	0,0,0				
	450.0	0.08	0.11	0.10	102,102,106	0.0	0.0	0.0	0,0,0				
70	0.0	0.46	0.56	0.50	102,102,106	0.13	0.12	0.11	102,104,106	-0.41	-0.38	-	
0.35	214.0	0.54	0.66	0.58	102,102,106	0.16	0.15	0.14	102,104,106				
	428.1	0.67	0.63	0.73	102,102,106	0.14	0.12	0.12	102,104,106				
71	0.0	0.31	0.28	0.33	102,102,106	0.05	0.04	0.04	102,104,106	-0.54	-0.48	-	
0.44													

	202.5	0.75	0.89	0.79102,102,106	0.24	0.21	0.19102,104,106			
	405.0	1.15	1.21	1.24102,102,106	0.31	0.27	0.25102,104,106			
72	0.0	0.10	0.15	0.14102,102,106	0.0	0.0	0.0 0,0,0	-0.02	-0.02	-
0.02102,104,106										
	235.0	0.04	0.07	0.05101,101,105	0.0	0.0	0.0 0,0,0			
	469.9	0.04	0.07	0.05101,102,105	0.0	0.0	0.0 0,0,0			
73	0.0	1.12	1.42	1.21102,102,106	0.42	0.37	0.35102,104,106	-0.72	-0.64	-
0.59102,104,106										
	235.0	0.84	1.07	0.89102,102,106	0.31	0.28	0.26102,104,106			
	470.0	1.38	1.76	1.46102,102,106	0.53	0.47	0.43102,104,106			
74	0.0	0.05	0.17	0.03102,102,106	0.0	0.0	0.0 0,0,0	0.03	0.02	0.02 102,104,1
06										
	155.6	0.02	0.04	8.48e-03102,102,106	0.0	0.0	0.0 0,0,0			
	311.1	0.37	0.36	0.43102,102,106	0.07	0.07	0.06102,104,106			
75	0.0	0.24	0.20	0.28102,102,106	0.03	0.03	0.03102,104,106	-0.04	-0.03	-
0.03102,104,106										
	155.3	0.21	0.37	0.23102,102,106	0.0	0.0	0.0 0,0,0			
	310.6	0.48	0.48	0.53102,102,106	0.10	0.09	0.09102,104,106			
76	0.0	0.05	0.08	0.07102,102,106	0.0	0.0	0.0 0,0,0	0.20	0.22	0.22 101,103,1
05										
	139.6	0.83	1.20	1.01102,102,106	0.38	0.37	0.36102,104,106			
77	0.0	1.74	2.51	1.96102,102,106	0.87	0.79	0.75102,104,106	-2.10	-1.92	-
1.81102,104,106										
	135.5	0.07	0.08	0.08102,102,106	0.0	0.0	0.0 0,0,0			
78	0.0	0.84	0.81	0.94102,102,106	0.18	0.17	0.16102,104,106	-0.43	-0.38	-
0.35102,104,106										
	236.5	0.57	0.62	0.59102,102,106	0.14	0.12	0.11102,104,106			
	473.0	0.94	0.90	1.01102,102,106	0.21	0.18	0.17102,104,106			
79	0.0	0.89	0.85	0.95102,102,106	0.19	0.17	0.16102,104,106	-0.22	-0.22	-
0.20102,104,106										
	177.4	0.37	0.55	0.39102,102,106	0.14	0.13	0.12102,104,106			
	354.8	0.31	0.34	0.33102,102,106	0.06	0.06	0.06102,104,106			
80	0.0	1.05	0.99	1.12102,102,106	0.23	0.20	0.19102,104,106	-0.31	-0.27	-
0.25102,104,106										
	202.5	0.54	0.65	0.57102,102,106	0.16	0.14	0.13102,104,106			
	405.0	0.70	0.66	0.75102,102,106	0.14	0.13	0.12102,104,106			
81	0.0	0.42	0.33	0.55102,102,106	0.06	0.07	0.07102,104,106	0.46	0.47	0.46 102,104,1
06										
	195.6	0.28	0.25	0.36102,102,106	0.05	0.05	0.04102,104,106			
	391.2	0.41	0.36	0.52102,102,106	0.07	0.07	0.07102,104,106			
82	0.0	1.49	1.29	1.64102,102,106	0.34	0.30	0.28102,104,106	-2.05	-1.83	-
1.71102,104,106										
	193.7	1.34	1.01	1.47102,102,106	0.24	0.21	0.20102,104,106			
	387.4	1.56	1.24	1.76102,102,106	0.30	0.27	0.26102,104,106			
83	0.0	0.17	0.31	0.21102,102,106	0.0	0.0	0.0 0,0,0	0.08	0.08	0.08 102,104,1
06										
	170.0	0.03	0.03	0.03102,102,106	0.0	0.0	0.0 0,0,0			
	340.0	0.22	0.27	0.29102,102,106	0.0	0.0	0.0 0,0,0			
84	0.0	0.91	1.13	0.93102,102,106	0.32	0.28	0.25102,104,106	0.29	0.28	0.26 102,104,1
06										
	170.0	0.49	0.70	0.53102,102,106	0.20	0.18	0.17102,104,106			
	340.0	0.67	0.82	0.76102,102,106	0.22	0.21	0.20102,104,106			
85	0.0	0.23	0.44	0.29102,102,106	0.0	0.0	0.0 0,0,0	1.11	1.17	1.16 102,104,1
06										
	176.5	1.22	1.77	1.52102,102,106	0.59	0.58	0.57102,104,106			
86	0.0	0.84	0.90	1.02102,102,106	0.22	0.21	0.21102,104,106	0.16	0.18	0.18 101,103,1
05										
	265.0	0.11	0.11	0.09102,102,106	0.0	0.0	0.0 0,0,0			
	530.1	0.25	0.24	0.25102,102,106	0.04	0.03	0.0 102,104,0			
87	0.0	0.24	0.23	0.25102,102,106	0.04	0.03	0.0 102,104,0	-0.03	-0.03	-
0.03102,104,106										
	177.4	0.15	0.23	0.17102,102,106	0.0	0.0	0.0 0,0,0			
	354.9	0.06	0.06	0.07102,102,106	0.0	0.0	0.0 0,0,0			
88	0.0	0.28	0.41	0.32102,102,106	0.09	0.09	0.08102,104,106	-0.61	-0.57	-
0.54102,104,106										
	272.5	0.49	0.58	0.55102,102,106	0.14	0.13	0.12102,104,106			
	545.0	0.25	0.30	0.27102,102,106	0.05	0.05	0.0 102,104,0			
89	0.0	0.03	0.12	3.50e-						
03102,102,1060.0		0.0	0.0	0,0,0 1.13	1.05	0.99102,104,106				
	170.1	0.85	2.17	0.97102,102,106	1.11	1.05	1.00102,104,106			
	340.2	1.66	2.02	1.89102,102,106	0.56	0.51	0.49102,104,106			
90	0.0	3.18	7.60	3.62102,102,106	4.49	4.08	3.88102,104,106	-6.10	-5.60	-
5.33102,104,106										
	171.4	0.49	0.57	0.55102,102,106	0.13	0.13	0.12102,104,106			
91	0.0	0.21	0.26	0.27102,102,106	0.0	0.0	0.0 0,0,0	-0.07	-0.07	-
0.07102,104,106										

	155.0	0.03	0.05	0.03102,102,106	0.0	0.0	0.0	0,0,0			
	310.0	0.08	0.16	0.11101,101,105	0.0	0.0	0.0	0,0,0			
92	0.0	0.64	0.61	0.68102,102,106	0.13	0.12	0.11102,104,106	-0.04	-0.03	-	
0.03102,104,106											
	155.0	0.19	0.28	0.20102,102,106	0.0	0.0	0.0	0,0,0			
	310.0	0.63	0.60	0.67102,102,106	0.13	0.11	0.11102,104,106				
93	0.0	0.59	0.76	0.67102,102,106	0.20	0.19	0.18102,104,106	-0.09	-0.11	-	
0.11101,103,105											
	155.0	0.02	0.03	0.02102,102,106	0.0	0.0	0.0	0,0,0			
	310.0	0.07	0.08	0.04102,102,106	0.0	0.0	0.0	0,0,0			
94	0.0	0.40	0.36	0.49102,102,106	0.07	0.07	0.07102,104,106	-2.84	-2.80	-	
2.30102,104,106											
	180.0	0.17	0.29	0.11102,102,106	0.0	0.0	0.0	0,0,0			
	360.0	0.89	0.72	1.05102,102,106	0.16	0.16	0.15102,104,106				
95	0.0	0.46	0.45	0.60102,102,106	0.10	0.11	0.11102,104,106	0.24	0.22	0.22 102,104,1	
06											
	180.7	0.22	0.19	0.28102,102,106	0.0	0.0	0.0	0,0,0			
	361.3	0.33	0.26	0.41102,102,106	0.04	0.05	0.04102,104,106				
96	0.0	0.66	0.63	0.74102,102,106	0.14	0.13	0.12102,104,106	-0.28	-0.25	-	
0.22102,104,106											
	236.5	0.39	0.43	0.40102,102,106	0.09	0.08	0.07102,104,106				
	473.0	0.67	0.64	0.72102,102,106	0.14	0.13	0.12102,104,106				
97	0.0	0.62	0.61	0.67102,102,106	0.13	0.12	0.11102,104,106	-0.13	-0.06	-	
0.05102,104,106											
	177.5	0.23	0.37	0.24102,102,106	0.08	0.0	0.0 102,0,0				
	355.0	0.19	0.21	0.21102,102,106	0.03	0.0	0.0 102,0,0				
98	0.0	0.24	0.23	0.26102,102,106	0.04	0.03	0.0 102,104,0	-			
0.230.18	0.18102,103,105										
	177.5	0.40	0.57	0.42102,102,106	0.14	0.14	0.12102,104,106				
	355.0	0.97	0.92	1.04102,102,106	0.21	0.19	0.17102,104,106				
99	0.0	0.99	0.96	1.06102,102,106	0.22	0.19	0.18102,104,106	-0.47	-0.41	-	
0.38102,104,106											
	236.5	0.62	0.68	0.64102,102,106	0.16	0.14	0.13102,104,106				
	473.0	0.88	0.85	0.98102,102,106	0.19	0.18	0.17102,104,106				
100	0.0	0.77	1.12	0.93102,102,106	0.35	0.34	0.33102,104,106	-0.19	-0.21	-	
0.21101,103,105											
	135.1	0.17	0.25	0.19102,102,106	0.0	0.0	0.0 0,0,0				
101	0.0	0.05	0.08	0.07102,102,106	0.0	0.0	0.0 0,0,0	0.26	0.29	0.29 101,103,1	
05											
	140.3	0.77	1.12	0.94102,102,106	0.35	0.35	0.34102,104,106				
102	0.0	0.16	0.18	0.22101,101,105	0.0	0.0	0.0 0,0,0	-0.05	-0.05	-	
0.05102,104,106											
	227.8	0.14	0.22	0.18102,102,106	0.0	0.0	0.0 0,0,0				
	455.5	0.32	0.37	0.39102,102,106	0.07	0.08	0.07102,104,106				
103	0.0	0.33	0.42	0.35102,102,106	0.08	0.08	0.08102,104,106	-0.13	-0.10	-	
0.06102,104,106											
	220.0	0.27	0.36	0.29102,102,106	0.08	0.07	0.0 102,104,0				
	440.0	0.52	0.69	0.58102,102,106	0.18	0.17	0.16102,104,106				
104	0.0	0.72	0.76	0.77102,102,106	0.18	0.16	0.15102,104,106	-0.37	-0.33	-	
0.31102,104,106											
	220.0	0.52	0.63	0.56102,102,106	0.15	0.14	0.13102,104,106				
	440.0	0.58	0.54	0.63102,102,106	0.11	0.10	0.10102,104,106				
105	0.0	0.34	0.46	0.36102,102,106	0.10	0.09	0.09102,104,106	-0.14	-0.10	-	
0.06102,104,106											
	220.0	0.25	0.37	0.27102,102,106	0.08	0.07	0.0 102,104,0				
	440.0	0.52	0.70	0.57102,102,106	0.18	0.17	0.16102,104,106				
106	0.0	0.28	0.33	0.35102,102,106	0.06	0.07	0.06102,104,106	-0.06	-0.05	-	
0.05102,104,106											
	227.8	0.14	0.27	0.18102,102,106	0.0	0.0	0.0 0,0,0				
	455.5	0.16	0.22	0.22101,102,105	0.0	0.0	0.0 0,0,0				
107	0.0	0.20	0.22	0.21102,102,106	0.0	0.0	0.0 0,0,0	-0.12	-0.11	-	
0.10102,104,106											
	177.5	0.28	0.30	0.29102,102,106	0.05	0.05	0.04102,104,106				
	355.0	0.58	0.55	0.63102,102,106	0.12	0.11	0.10102,104,106				
108	0.0	0.56	0.55	0.62102,102,106	0.11	0.11	0.10102,104,106	-0.12	-0.11	-	
0.10102,104,106											
	177.5	0.24	0.29	0.26102,102,106	0.05	0.05	0.04102,104,106				
	355.0	0.23	0.26	0.24102,102,106	0.04	0.0	0.0 102,0,0				
109	0.0	0.06	0.07	0.06102,102,106	0.0	0.0	0.0 0,0,0	0.06	0.06	0.05 102,104,1	
06											
	177.5	0.13	0.15	0.14102,102,106	0.0	0.0	0.0 0,0,0				
	355.0	0.34	0.33	0.39102,102,106	0.06	0.06	0.05102,104,106				
110	0.0	0.32	0.32	0.36102,102,106	0.05	0.06	0.05102,104,106	-0.04	-0.04	-	
0.04102,104,106											
	177.5	0.11	0.14	0.11102,102,106	0.0	0.0	0.0 0,0,0				
	355.0	0.10	0.12	0.11102,102,106	0.0	0.0	0.0 0,0,0				

111	0.0	0.48	1.17	0.53102,102,106	0.50	0.48	0.45102,104,106	-0.04	-0.02	-
0.02102,104,106	207.0	0.21	0.44	0.25102,102,106	0.0	0.0	0.0 0,0,0			
112	0.0	0.57	0.70	0.62102,102,106	0.18	0.16	0.15102,104,106	0.04	0.03	0.02 102,104,1
06	200.0	8.46e-03	0.02	1.79e-03102,102,106	0.0	0.0	0.0 0,0,0			
113	0.0	0.20	0.28	0.24102,102,106	0.0	0.0	0.0 0,0,0	0.03	0.03	0.02 102,104,1
06	207.0	0.34	0.44	0.38102,102,106	0.09	0.09	0.08102,104,106			
114	0.0	0.10	0.13	0.14101,101,105	0.0	0.0	0.0 0,0,0	-0.01	-0.01	-
0.01101,103,105	176.0	0.06	0.10	0.09101,101,105	0.0	0.0	0.0 0,0,0			
	352.0	0.22	0.23	0.26102,102,106	0.04	0.0	0.0 102,0,0			
115	0.0	0.20	0.26	0.24102,102,106	0.0	0.0	0.0 0,0,0	-0.01	-0.01	-
0.01102,104,106	176.0	0.07	0.12	0.10102,102,106	0.0	0.0	0.0 0,0,0			
	352.0	0.10	0.12	0.14101,101,105	0.0	0.0	0.0 0,0,0			
116	0.0	0.08	0.09	0.08102,102,106	0.0	0.0	0.0 0,0,0	0.08	0.08	0.08 102,104,1
06	198.2	0.05	0.07	0.07101,101,105	0.0	0.0	0.0 0,0,0			
	396.4	0.22	0.20	0.30102,102,106	0.03	0.03	0.03102,104,106			
117	0.0	0.21	0.19	0.28101,101,105	0.03	0.03	0.03101,103,105	-0.09	-0.08	-
0.08102,104,106	198.3	0.06	0.09	0.08101,101,105	0.0	0.0	0.0 0,0,0			
	396.6	0.07	0.09	0.08102,102,106	0.0	0.0	0.0 0,0,0			
118	0.0	0.23	0.52	0.28102,102,106	0.0	0.0	0.0 0,0,0	0.04	0.04	0.04 102,104,1
06	145.0	0.32	0.82	0.41102,102,106	0.31	0.34	0.33102,104,106			
119	0.0	0.23	0.31	0.29102,102,106	0.06	0.06	0.06102,104,106	-0.04	-0.04	-
0.04102,104,106	145.0	0.22	0.31	0.27102,102,106	0.0	0.0	0.0 0,0,0			
120	0.0	0.35	0.42	0.38102,102,106	0.09	0.08	0.08102,104,106	-0.37	-0.33	-
0.31102,104,106	225.2	0.49	0.59	0.52102,102,106	0.14	0.13	0.12102,104,106			
	450.4	0.78	0.74	0.85102,102,106	0.16	0.15	0.14102,104,106			
121	0.0	0.77	0.73	0.84102,102,106	0.16	0.15	0.14102,104,106	-0.37	-0.34	-
0.31102,104,106	225.2	0.48	0.58	0.52102,102,106	0.14	0.13	0.12102,104,106			
	450.4	0.38	0.46	0.40102,102,106	0.10	0.09	0.08102,104,106			
122	0.0	0.36	0.44	0.38102,102,106	0.09	0.09	0.08102,104,106	-0.38	-0.34	-
0.32102,104,106	225.1	0.48	0.59	0.52102,102,106	0.14	0.13	0.12102,104,106			
	450.3	0.78	0.74	0.85102,102,106	0.16	0.15	0.14102,104,106			
123	0.0	0.76	0.72	0.83102,102,106	0.16	0.14	0.13102,104,106	-0.35	-0.32	-
0.30102,104,106	225.1	0.48	0.58	0.52102,102,106	0.14	0.13	0.12102,104,106			
	450.3	0.39	0.46	0.41102,102,106	0.10	0.09	0.09102,104,106			
124	0.0	0.14	0.19	0.18102,102,106	0.0	0.0	0.0 0,0,0	-0.02	-0.02	-
0.02102,104,106	176.0	0.08	0.13	0.11102,102,106	0.0	0.0	0.0 0,0,0			
	352.0	0.15	0.20	0.19102,102,106	0.0	0.0	0.0 0,0,0			
125	0.0	0.17	0.28	0.21102,102,106	0.0	0.0	0.0 0,0,0	0.03	0.03	0.03 102,104,1
06	176.0	0.05	0.09	0.07101,101,105	0.0	0.0	0.0 0,0,0			
	352.0	0.16	0.22	0.21102,102,106	0.0	0.0	0.0 0,0,0			
126	0.0	0.16	0.26	0.21102,102,106	0.0	0.0	0.0 0,0,0	-0.03	-0.03	-
0.03102,104,106	176.0	0.05	0.09	0.07101,102,105	0.0	0.0	0.0 0,0,0			
	352.0	0.17	0.23	0.20102,102,106	0.0	0.0	0.0 0,0,0			
127	0.0	0.14	0.18	0.18102,102,106	0.0	0.0	0.0 0,0,0	0.02	0.02	0.02 102,104,1
06	176.0	0.08	0.13	0.10102,102,106	0.0	0.0	0.0 0,0,0			
	352.0	0.16	0.22	0.21102,102,106	0.0	0.0	0.0 0,0,0			
128	0.0	0.14	0.18	0.17102,102,106	0.0	0.0	0.0 0,0,0	-0.10	-0.08	-
0.05102,104,106	187.4	0.26	0.34	0.30102,102,106	0.07	0.07	0.0 102,104,0			
	374.9	0.44	0.56	0.51102,102,106	0.13	0.13	0.13102,104,106			
129	0.0	0.45	0.56	0.53102,102,106	0.13	0.14	0.13102,104,106	-0.11	-0.10	-
0.07102,104,106	187.3	0.27	0.34	0.31102,102,106	0.07	0.07	0.0 102,104,0			
	374.6	0.13	0.16	0.14102,102,106	0.0	0.0	0.0 0,0,0			
130	0.0	0.09	0.10	0.10102,102,106	0.0	0.0	0.0 0,0,0	-0.10	-0.10	-
0.08102,104,106	187.6	0.26	0.33	0.30102,102,106	0.07	0.06	0.0 102,104,0			
	375.1	0.50	0.63	0.59102,102,106	0.16	0.16	0.15102,104,106			
131	0.0	0.41	0.52	0.47102,102,106	0.12	0.12	0.11102,104,106	-0.10	-0.08	-

0.05102,104,106											
187.4	0.26	0.33	0.30102,102,106	0.07	0.07	0.0	102,104,0				
374.9	0.18	0.22	0.21102,102,106	0.0	0.0	0.0	0,0,0				
132 0.0	0.36	0.45	0.42102,102,106	0.10	0.10	0.10102,104,106	-0.03	-0.03	-		
0.03102,104,106											
179.3	0.19	0.27	0.22102,102,106	0.0	0.0	0.0	0,0,0				
358.6	0.38	0.47	0.43102,102,106	0.10	0.11	0.10102,104,106					
133 0.0	0.32	0.40	0.37102,102,106	0.08	0.08	0.08102,104,106	-0.03	-0.03	-		
0.02102,104,106											
179.1	0.20	0.28	0.23102,102,106	0.0	0.0	0.0	0,0,0				
358.1	0.41	0.51	0.47102,102,106	0.12	0.12	0.11102,104,106					
170 0.0	0.07	0.06	0.10101,101,105	0.0	0.0	0.0	0,0,0	-8.06e-03	-8.06e-03	-8.06e-	
0.3101,103,105											
167.0	0.02	7.87e-03	0.02102,102,106	0.0	0.0	0.0	0,0,0				
334.0	0.09	0.07	0.11102,102,106	0.0	0.0	0.0	0,0,0				
171 0.0	0.05	0.08	0.07101,101,105	0.0	0.0	0.0	0,0,0	8.33e-03	8.33e-03	8.33e-	
0.3101,103,105											
167.0	0.01	0.04	0.01102,102,106	0.0	0.0	0.0	0,0,0				
334.0	0.08	0.12	0.11102,102,106	0.0	0.0	0.0	0,0,0				
172 0.0	0.44	0.51	0.56102,102,106	0.12	0.14	0.14102,104,106	-0.25	-0.25	-		
0.26102,104,106											
160.0	0.02	9.91e-03	0.03102,102,106	0.0	0.0	0.0	0,0,0				
173 0.0	0.02	0.01	0.03102,102,106	0.0	0.0	0.0	0,0,0	-0.09	-0.09	-	
0.08102,104,106											
160.0	0.44	0.51	0.56102,102,106	0.12	0.14	0.14102,104,106					
174 0.0	0.12	0.15	0.15102,102,106	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	101,103,1
05											
176.6	0.11	0.10	0.14102,102,106	0.0	0.0	0.0	0,0,0				
353.3	0.12	0.13	0.15102,102,106	0.0	0.0	0.0	0,0,0				
175 0.0	0.09	0.10	0.12101,101,105	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-	
0.04101,103,105											
176.6	0.11	0.11	0.14102,102,106	0.0	0.0	0.0	0,0,0				
353.2	0.15	0.21	0.18102,102,106	0.0	0.0	0.0	0,0,0				
176 0.0	0.16	0.24	0.21102,102,106	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-	
0.07102,104,106											
176.1	0.09	0.14	0.12102,102,106	0.0	0.0	0.0	0,0,0				
352.2	0.06	0.14	0.06102,102,106	0.0	0.0	0.0	0,0,0				
177 0.0	0.05	0.11	0.05102,102,106	0.0	0.0	0.0	0,0,0	0.06	0.06	0.06	101,103,1
05											
176.1	0.09	0.14	0.12102,102,106	0.0	0.0	0.0	0,0,0				
352.2	0.16	0.25	0.21102,102,106	0.0	0.0	0.0	0,0,0				
178 0.0	0.80	1.21	1.01102,102,106	0.33	0.34	0.34102,104,106	-0.25	-0.25	-		
0.26102,104,106											
202.0	0.45	0.79	0.57102,102,106	0.20	0.21	0.21102,104,106					
403.9	0.53	0.89	0.66102,102,106	0.24	0.24	0.24102,104,106					
179 0.0	0.53	0.91	0.67102,102,106	0.24	0.25	0.24102,104,106	-0.47	-0.48	-		
0.47102,104,106											
201.9	0.47	0.83	0.59102,102,106	0.22	0.22	0.22102,104,106					
403.9	0.75	1.16	0.96102,102,106	0.32	0.33	0.32102,104,106					
180 0.0	0.21	0.33	0.25102,102,106	0.06	0.06	0.0	102,104,0	-0.69	-0.71	-	
0.70102,104,106											
289.5	0.56	0.70	0.72102,102,106	0.16	0.17	0.17102,104,106					
579.0	0.67	0.76	0.86102,102,106	0.17	0.17	0.17102,104,106					
181 0.0	0.77	1.06	0.98102,102,106	0.28	0.28	0.28102,104,106	-0.68	-0.69	-		
0.68102,104,106											
289.8	0.56	0.69	0.72102,102,106	0.16	0.17	0.16102,104,106					
579.6	0.18	0.24	0.22102,102,106	0.04	0.0	0.0	102,0,0				
182 0.0	0.76	1.27	0.98102,102,106	0.36	0.36	0.36102,104,106	-0.44	-0.45	-		
0.45102,104,106											
235.0	0.25	0.69	0.32102,102,106	0.17	0.18	0.18102,104,106					
469.9	0.22	0.66	0.26102,102,106	0.16	0.17	0.17102,104,106					
183 0.0	0.82	1.27	1.04102,102,106	0.35	0.36	0.35102,104,106	-0.38	-0.40	-		
0.39102,104,106											
235.0	0.26	0.61	0.34102,102,106	0.15	0.16	0.16102,104,106					
470.0	0.26	0.61	0.32102,102,106	0.15	0.16	0.16102,104,106					
184 0.0	0.12	0.27	0.17102,102,106	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	102,104,1
06											
155.6	0.14	0.27	0.18102,102,106	0.0	0.0	0.0	0,0,0				
311.1	0.44	0.49	0.57102,102,106	0.10	0.11	0.11102,104,106					
185 0.0	0.44	0.51	0.56102,102,106	0.10	0.11	0.11102,104,106	-0.03	-0.03	-		
0.03102,104,106											
155.3	0.09	0.35	0.12102,102,106	0.0	0.0	0.0	0,0,0				
310.6	0.10	0.36	0.13101,101,105	0.0	0.0	0.0	0,0,0				
186 0.0	0.07	0.18	0.10102,102,106	0.0	0.0	0.0	0,0,0	-0.12	-0.13	-	
0.12102,104,106											
139.6	0.68	0.79	0.90102,102,106	0.20	0.21	0.20102,104,106					

187	0.0	0.67	0.77	0.88102,102,106	0.19	0.20	0.20102,104,106	0.21	0.21	0.20 102,104,1
06	135.5	0.05	0.12	0.07101,101,105	0.0	0.0	0.0 0,0,0			
188	0.0	0.53	0.83	0.68102,102,106	0.19	0.20	0.20102,104,106	-0.78	-0.79	-
0.79102,104,106	413.9	0.52	0.45	0.67102,102,106	0.08	0.08	0.08102,104,106			
	827.8	0.28	0.37	0.35102,102,106	0.07	0.07	0.07102,104,106			
189	0.0	0.29	0.45	0.37102,102,106	0.09	0.10	0.10102,104,106	-0.89	-0.89	-
0.88102,104,106	414.0	0.56	0.48	0.72102,102,106	0.09	0.09	0.09102,104,106			
	828.0	0.42	0.57	0.56102,102,106	0.11	0.12	0.12102,104,106			
190	0.0	0.24	0.28	0.32102,102,106	0.0	0.0	0.0 0,0,0	-0.62	-0.75	-
0.75102,104,106	363.0	0.30	0.32	0.40101,101,105	0.07	0.07	0.07101,103,105			
	726.0	0.19	0.22	0.26101,101,105	0.0	0.0	0.0 0,0,0			
191	0.0	0.24	0.28	0.32102,102,106	0.0	0.0	0.0 0,0,0	-0.63	-0.77	-
0.77101,103,105	360.6	0.30	0.32	0.39102,102,106	0.07	0.07	0.07102,104,106			
	721.2	0.19	0.22	0.25101,101,105	0.0	0.0	0.0 0,0,0			
192	0.0	0.48	0.77	0.62102,102,106	0.18	0.18	0.18102,104,106	-0.81	-0.82	-
0.81102,104,106	414.0	0.54	0.47	0.70102,102,106	0.08	0.08	0.08102,104,106			
	828.0	0.28	0.38	0.36102,102,106	0.07	0.07	0.07102,104,106			
193	0.0	0.30	0.48	0.39102,102,106	0.10	0.11	0.10102,104,106	-0.81	-0.82	-
0.81102,104,106	414.0	0.54	0.46	0.70102,102,106	0.08	0.08	0.08102,104,106			
	828.0	0.45	0.60	0.57102,102,106	0.12	0.13	0.12102,104,106			
194	0.0	0.66	0.74	0.87102,102,106	0.18	0.19	0.19102,104,106	0.13	0.13	0.13 102,104,1
06	135.1	0.12	0.31	0.16102,102,106	0.0	0.0	0.0 0,0,0			
195	0.0	0.08	0.20	0.11101,102,105	0.0	0.0	0.0 0,0,0	-0.12	-0.12	-
0.12102,104,106	140.3	0.70	0.81	0.92102,102,106	0.20	0.21	0.21102,104,106			
196	0.0	0.22	0.26	0.27102,102,106	0.05	0.0	0.0 102,0,0	-0.38	-0.40	-
0.40102,104,106	227.8	0.43	0.51	0.56102,102,106	0.11	0.13	0.12102,104,106			
	455.5	0.59	0.64	0.76102,102,106	0.14	0.15	0.15102,104,106			
197	0.0	0.22	0.42	0.26102,102,106	0.08	0.09	0.09102,104,106	-0.47	-0.50	-
0.50102,104,106	220.0	0.36	0.81	0.46102,102,106	0.23	0.25	0.25102,104,106			
	440.0	0.57	0.91	0.73102,102,106	0.24	0.25	0.25102,104,106			
198	0.0	0.20	0.40	0.24102,102,106	0.08	0.09	0.09102,104,106	-0.50	-0.53	-
0.52102,104,106	220.0	0.36	0.82	0.46102,102,106	0.23	0.25	0.25102,104,106			
	440.0	0.59	0.93	0.74102,102,106	0.25	0.26	0.25102,104,106			
199	0.0	0.64	0.80	0.83102,102,106	0.21	0.22	0.21102,104,106	-0.38	-0.40	-
0.40102,104,106	227.8	0.43	0.51	0.56102,102,106	0.11	0.13	0.12102,104,106			
	455.5	0.20	0.20	0.24102,102,106	0.0	0.0	0.0 0,0,0			
200	0.0	0.36	0.39	0.45102,102,106	0.08	0.08	0.08102,104,106	-0.02	-0.02	-
0.02102,104,106	176.0	0.15	0.24	0.19102,102,106	0.0	0.0	0.0 0,0,0			
	352.0	0.37	0.41	0.47102,102,106	0.08	0.09	0.09102,104,106			
201	0.0	0.29	0.48	0.38102,102,106	0.10	0.11	0.11102,104,106	0.03	0.03	0.03 102,104,1
06	176.0	0.08	0.44	0.09102,102,106	0.0	0.0	0.0 0,0,0			
	352.0	0.32	0.51	0.40102,102,106	0.11	0.12	0.11102,104,106			
202	0.0	0.31	0.51	0.40102,102,106	0.11	0.12	0.11102,104,106	-0.03	-0.03	-
0.03102,104,106	176.0	0.07	0.45	0.08102,102,106	0.0	0.0	0.0 0,0,0			
	352.0	0.30	0.49	0.39102,102,106	0.10	0.11	0.11102,104,106			
203	0.0	0.38	0.49	0.49102,102,106	0.11	0.12	0.12102,104,106	-0.02	-0.02	-
0.02102,104,106	176.0	0.14	0.18	0.17102,102,106	0.0	0.0	0.0 0,0,0			
	352.0	0.34	0.39	0.44102,102,106	0.08	0.08	0.08102,104,106			
204	0.0	0.17	0.20	0.22102,102,106	0.0	0.0	0.0 0,0,0	-0.20	-0.22	-
0.21102,104,106	176.0	0.33	0.51	0.42102,102,106	0.12	0.14	0.14102,104,106			
	352.0	0.44	0.55	0.56102,102,106	0.13	0.14	0.14102,104,106			
205	0.0	0.35	0.65	0.44102,102,106	0.16	0.17	0.17102,104,106	0.28	0.29	0.29 102,104,1
06	176.0	0.24	0.66	0.31102,102,106	0.17	0.19	0.19102,104,106			
	352.0	0.19	0.40	0.24102,102,106	0.08	0.08	0.08102,104,106			
206	0.0	0.29	0.99	0.36102,102,106	0.35	0.38	0.38102,104,106	-0.28	-0.28	-
0.28102,104,106	176.0	0.23	0.66	0.29102,102,106	0.18	0.20	0.19102,104,106			

	352.0	0.46	1.28	0.59102,102,106	0.49	0.52	0.52102,104,106			
207	0.0	0.39	0.43	0.51102,102,106	0.09	0.10	0.09102,104,106	-0.19	-0.21	-
0.20102,104,106	176.0	0.33	0.50	0.42102,102,106	0.12	0.14	0.13102,104,106			
	352.0	0.20	0.26	0.25102,102,106	0.0	0.0	0.0 0,0,0			
208	0.0	0.14	0.20	0.18102,102,106	0.0	0.0	0.0 0,0,0	-0.06	-0.06	-
0.06102,104,106	187.4	0.20	0.21	0.25102,102,106	0.0	0.0	0.0 0,0,0			
	374.9	0.19	0.24	0.25102,102,106	0.0	0.0	0.0 0,0,0			
209	0.0	0.11	0.13	0.15101,101,105	0.0	0.0	0.0 0,0,0	-0.04	-0.04	-
0.04101,103,105	187.3	0.06	0.06	0.08101,101,105	0.0	0.0	0.0 0,0,0			
	374.6	0.04	0.04	0.05102,102,106	0.0	0.0	0.0 0,0,0			
210	0.0	0.02	0.01	0.02102,102,106	0.0	0.0	0.0 0,0,0	0.04	0.04	0.04 101,103,1
05	187.6	0.05	0.05	0.07101,101,105	0.0	0.0	0.0 0,0,0			
	375.1	0.14	0.17	0.19102,102,106	0.0	0.0	0.0 0,0,0			
211	0.0	0.19	0.23	0.25102,102,106	0.0	0.0	0.0 0,0,0	-0.06	-0.06	-
0.06102,104,106	187.4	0.19	0.21	0.25102,102,106	0.0	0.0	0.0 0,0,0			
	374.9	0.15	0.21	0.19102,102,106	0.0	0.0	0.0 0,0,0			
212	0.0	0.14	0.13	0.18102,102,106	0.0	0.0	0.0 0,0,0	0.01	0.01	0.01 102,104,1
06	179.3	0.02	0.01	0.03102,102,106	0.0	0.0	0.0 0,0,0			
	358.6	0.04	0.02	0.06102,101,106	0.0	0.0	0.0 0,0,0			
213	0.0	0.02	7.46e-03	0.02101,101,105	0.0	0.0	0.0 0,0,0	-0.01	-0.01	-9.86e-
03102,104,106	179.1	0.02	8.11e-03	0.02102,102,106	0.0	0.0	0.0 0,0,0			
	358.1	0.16	0.16	0.20102,102,106	0.0	0.0	0.0 0,0,0			
216	0.0	0.08	0.20	0.10102,101,106	0.0	0.0	0.0 0,0,0	0.06	0.06	0.06 102,104,1
06	362.1	0.10	0.22	0.13102,102,106	0.0	0.0	0.0 0,0,0			
217	0.0	0.11	0.21	0.14102,102,106	0.0	0.0	0.0 0,0,0	-0.06	-0.06	-
0.06102,104,106	362.1	0.08	0.19	0.10102,101,106	0.0	0.0	0.0 0,0,0			
	0.0	0.04	0.02	0.06101,101,105	0.0	0.0	0.0 0,0,0	-0.07	-0.07	-
220	0.0	0.04	0.02	0.06101,101,105	0.0	0.0	0.0 0,0,0	-0.07	-0.07	-
0.07102,104,106	193.1	0.20	0.19	0.26102,102,106	0.0	0.0	0.0 0,0,0			
	386.2	0.31	0.47	0.42102,101,106	0.11	0.13	0.13101,103,105			
221	0.0	0.37	0.23	0.50102,101,106	0.04	0.04	0.04101,103,105	0.07	0.07	0.07 102,104,1
06	193.1	0.17	0.08	0.23102,102,106	0.0	0.0	0.0 0,0,0			
	386.2	0.12	0.06	0.16101,101,105	0.0	0.0	0.0 0,0,0			
222	0.0	0.12	0.06	0.16101,101,105	0.0	0.0	0.0 0,0,0	-0.07	-0.07	-
0.07102,104,106	193.1	0.17	0.08	0.23102,102,106	0.0	0.0	0.0 0,0,0			
	386.2	0.36	0.19	0.47102,101,106	0.03	0.03	0.03101,103,105			
223	0.0	0.28	0.36	0.37102,102,106	0.07	0.08	0.08102,104,106	0.07	0.07	0.07 102,104,1
06	193.1	0.20	0.19	0.26102,102,106	0.0	0.0	0.0 0,0,0			
	386.2	0.04	0.02	0.06101,101,105	0.0	0.0	0.0 0,0,0			
224	0.0	0.21	0.11	0.28101,101,105	0.0	0.0	0.0 0,0,0	-0.40	-0.43	-
0.43102,104,106	446.0	0.22	0.17	0.30102,101,106	0.0	0.0	0.0 0,0,0			
	0.0	0.21	0.23	0.28101,101,105	0.0	0.0	0.0 0,0,0	-0.44	-0.48	-
225	0.0	0.21	0.23	0.28101,101,105	0.0	0.0	0.0 0,0,0	-0.44	-0.48	-
0.47102,104,106	446.6	0.26	0.29	0.35101,101,105	0.0	0.0	0.0 0,0,0			
	0.0	0.41	0.21	0.53102,102,106	0.03	0.03	0.03102,104,106	0.10	0.10	0.10 102,104,1
226	0.0	0.41	0.21	0.53102,102,106	0.03	0.03	0.03102,104,106	0.10	0.10	0.10 102,104,1
06	223.2	0.24	0.10	0.32102,102,106	0.0	0.0	0.0 0,0,0			
	446.4	0.14	0.06	0.18101,101,105	0.0	0.0	0.0 0,0,0			
227	0.0	0.14	0.07	0.19101,101,105	0.0	0.0	0.0 0,0,0	-0.11	-0.11	-
0.11102,104,106	223.2	0.26	0.11	0.34102,102,106	0.0	0.0	0.0 0,0,0			
	446.3	0.39	0.16	0.51102,102,106	0.03	0.03	0.03102,104,106			
236	0.0	0.0	0.26	0.0 0,101,0	0.0	0.0	0.0 0,0,0	0.03	0.03	0.03 102,104,1
06	167.3	0.13	0.40	0.17101,101,105	0.08	0.10	0.10101,103,105			
	0.0	0.14	0.39	0.19102,101,106	0.08	0.09	0.09101,103,105	-0.04	-0.04	-
237	0.0	0.14	0.39	0.19102,101,106	0.08	0.09	0.09101,103,105	-0.04	-0.04	-
0.04102,104,106	167.3	0.0	0.33	0.0 0,101,0	0.0	0.0	0.0 0,0,0			
	0.0	0.09	0.04	0.12101,101,105	0.0	0.0	0.0 0,0,0	-0.04	-0.04	-
242	0.0	0.09	0.04	0.12101,101,105	0.0	0.0	0.0 0,0,0	-0.04	-0.04	-
0.04102,104,106	204.6	0.14	0.21	0.18102,101,106	0.0	0.0	0.0 0,0,0			
	409.3	0.35	0.38	0.46102,102,106	0.07	0.08	0.08102,104,106			
243	0.0	0.30	0.31	0.41102,102,106	0.05	0.06	0.06102,104,106	-0.03	-0.03	-

0.03102,104,106												
204.4	0.13	0.23	0.17101,102,105	0.0	0.0	0.0	0,0,0					
408.9	0.11	0.05	0.15101,101,105	0.0	0.0	0.0	0,0,0					
244 0.0	0.23	0.23	0.30102,102,106	0.0	0.0	0.0	0,0,0	-0.09	-0.09	-		
0.09102,104,106												
396.8	0.17	0.08	0.23101,101,105	0.0	0.0	0.0	0,0,0					
245 0.0	0.23	0.22	0.31101,101,105	0.0	0.0	0.0	0,0,0	-0.08	-0.08	-		
0.08102,104,106												
396.8	0.19	0.08	0.25101,101,105	0.0	0.0	0.0	0,0,0					
246 0.0	0.21	0.13	0.28101,101,105	0.0	0.0	0.0	0,0,0	-0.34	-0.37	-		
0.37102,104,106												
268.6	0.35	0.36	0.46102,102,106	0.07	0.08	0.08102,104,106						
537.3	0.42	0.59	0.56102,102,106	0.13	0.14	0.14102,104,106						
247 0.0	0.28	0.16	0.37101,101,105	0.02	0.02	0.02101,103,105						
0.29102,104,106												
262.1	0.33	0.36	0.43102,101,106	0.07	0.08	0.08101,103,105						
524.2	0.41	0.51	0.54102,101,106	0.11	0.12	0.12101,103,105						
248 0.0	0.27	0.17	0.36101,101,105	0.02	0.03	0.03101,103,105						
0.31102,104,106												
262.1	0.33	0.39	0.43102,102,106	0.08	0.09	0.09102,104,106						
524.2	0.40	0.53	0.53102,102,106	0.11	0.13	0.13102,104,106						
249 0.0	0.37	0.41	0.49102,102,106	0.08	0.08	0.08102,104,106						
0.39102,104,106												
268.6	0.35	0.37	0.46102,102,106	0.07	0.08	0.08102,104,106						
537.3	0.23	0.18	0.31101,101,105	0.0	0.0	0.0 0,0,0						
256 0.0	0.08	0.28	0.10102,102,106	0.0	0.0	0.0 0,0,0	0.03	0.03	0.03	102,104,1		
06												
200.0	0.05	0.23	0.07101,101,105	0.0	0.0	0.0 0,0,0						
257 0.0	0.05	0.22	0.07101,101,105	0.0	0.0	0.0 0,0,0	-0.04	-0.04	-			
0.04102,104,106												
200.0	0.09	0.27	0.11102,102,106	0.0	0.0	0.0 0,0,0						
258 0.0	1.12	1.86	1.49102,102,106	1.01	1.12	1.12102,104,106	-2.62	-3.02	-			
3.02102,104,106												
899.9	1.11	1.84	1.48101,101,105	1.00	1.11	1.11101,103,105						
259 0.0	0.46	1.41	0.57102,102,106	0.56	0.59	0.58102,104,106	-0.30	-0.33	-			
0.32102,104,106												
235.0	0.21	0.54	0.26102,102,106	0.12	0.13	0.13102,104,106						
469.9	0.53	0.82	0.67102,102,106	0.20	0.20	0.20102,104,106						
260 0.0	0.49	1.38	0.61102,102,106	0.54	0.57	0.56102,104,106	-0.28	-0.31	-			
0.30102,104,106												
235.0	0.23	0.50	0.28102,102,106	0.11	0.12	0.12102,104,106						
470.0	0.54	0.78	0.67102,102,106	0.19	0.19	0.19102,104,106						
261 0.0	0.35	0.97	0.44102,102,106	0.26	0.27	0.26102,104,106	-0.57	-0.59	-			
0.58102,104,106												
325.0	0.27	0.84	0.34102,102,106	0.22	0.23	0.23102,104,106						
650.0	0.31	0.90	0.39102,102,106	0.24	0.25	0.24102,104,106						
262 0.0	0.41	1.82	0.51102,102,106	0.76	0.79	0.78102,104,106	-0.29	-0.30	-			
0.29102,104,106												
325.0	0.24	0.42	0.29102,102,106	0.08	0.08	0.08102,104,106						
650.0	0.39	1.77	0.48102,102,106	0.74	0.76	0.75102,104,106						
263 0.0	0.56	0.92	0.70102,102,106	0.25	0.25	0.25102,104,106	-0.19	-0.21	-			
0.20102,104,106												
220.0	0.15	0.55	0.18102,102,106	0.13	0.15	0.15102,104,106						
440.0	0.37	0.69	0.47102,102,106	0.17	0.18	0.18102,104,106						
264 0.0	0.57	0.91	0.71102,102,106	0.24	0.25	0.24102,104,106	0.18	0.20	0.20	102,104,1		
06												
220.0	0.16	0.52	0.19102,102,106	0.12	0.14	0.14102,104,106						
440.0	0.38	0.67	0.48102,102,106	0.17	0.18	0.17102,104,106						
265 0.0	0.25	0.31	0.33101,101,105	0.06	0.07	0.07101,103,105	-0.03	-0.03	-			
0.03101,103,105												
186.9	0.10	0.17	0.13101,101,105	0.0	0.0	0.0 0,0,0						
373.8	0.27	0.34	0.36102,102,106	0.06	0.07	0.07102,104,106						
266 0.0	0.55	0.59	0.73102,101,106	0.15	0.17	0.17101,103,105	0.09	0.09	0.09	102,104,1		
06												
186.9	0.33	0.22	0.44101,101,105	0.0	0.0	0.0 0,0,0						
373.8	0.47	0.22	0.63102,101,106	0.03	0.04	0.04101,103,105						
267 0.0	0.60	0.48	0.79101,101,105	0.11	0.13	0.13101,103,105	-0.09	-0.09	-			
0.09102,104,106												
186.9	0.33	0.22	0.44101,101,105	0.0	0.0	0.0 0,0,0						
373.8	0.42	0.26	0.56102,102,106	0.04	0.05	0.05102,104,106						
268 0.0	0.32	0.52	0.42102,102,106	0.12	0.13	0.13102,104,106	0.02	0.02	0.02	101,103,1		
05												
186.9	0.10	0.18	0.13101,102,105	0.0	0.0	0.0 0,0,0						
373.8	0.21	0.21	0.28101,101,105	0.03	0.04	0.04101,103,105						
269 0.0	0.20	0.25	0.26102,101,106	0.04	0.05	0.05101,103,105	-0.40	-0.43	-			
0.43102,104,106												

	191.1	0.48	0.47	0.63102,102,106	0.09	0.09	0.09102,104,106			
270	0.0	0.59	0.74	0.78102,102,106	0.17	0.18	0.18102,104,106	-0.44	-0.48	-
0.47102,104,106										
	191.1	0.26	0.89	0.34101,102,105	0.33	0.39	0.39102,104,106			
271	0.0	0.13	0.06	0.17101,101,105	0.0	0.0	0.0 0,0,0	-0.07	-0.07	-
0.07102,104,106										
	191.1	0.19	0.08	0.24102,102,106	0.0	0.0	0.0 0,0,0			
272	0.0	0.13	0.06	0.18101,101,105	0.0	0.0	0.0 0,0,0	-0.07	-0.07	-
0.07102,104,106										
	191.1	0.17	0.07	0.22102,102,106	0.0	0.0	0.0 0,0,0			
275	0.0	1.13	1.77	1.50101,101,105	0.95	1.05	1.05101,103,105	-2.18	-2.57	-
2.57101,103,105										
	900.0	1.13	1.77	1.50101,101,105	0.95	1.05	1.05101,103,105			
278	0.0	0.18	0.24	0.24101,101,105	0.0	0.0	0.0 0,0,0	-0.74	-0.89	-
0.89102,104,106										
	363.0	0.30	0.33	0.40102,102,106	0.07	0.08	0.08102,104,106			
	726.0	0.19	0.25	0.25102,102,106	0.0	0.0	0.0 0,0,0			
279	0.0	0.18	0.24	0.24102,102,106	0.0	0.0	0.0 0,0,0	-0.72	-0.86	-
0.86102,104,106										
	360.6	0.30	0.33	0.40101,101,105	0.07	0.08	0.08101,103,105			
	721.2	0.18	0.24	0.24102,102,106	0.0	0.0	0.0 0,0,0			
282	0.0	0.28	0.49	0.37101,101,105	0.0	0.0	0.0 0,0,0	0.78	0.82	0.81 102,104,1
06										
	142.2	1.95	2.16	2.60102,102,106	0.78	0.80	0.80102,104,106			
283	0.0	1.86	2.06	2.48101,101,105	0.74	0.77	0.77101,103,105	-0.64	-0.67	-
0.67102,104,106										
	69.1	0.69	0.77	0.92101,101,105	0.22	0.25	0.25101,103,105			
	138.1	0.27	0.48	0.36102,102,106	0.0	0.0	0.0 0,0,0			
284	0.0	1.87	2.07	2.49102,102,106	0.74	0.77	0.77102,104,106	-0.61	-0.63	-
0.63102,104,106										
	137.7	0.24	0.44	0.33101,101,105	0.0	0.0	0.0 0,0,0			
285	0.0	0.20	0.24	0.26102,101,106	0.0	0.0	0.0 0,0,0	1.49	1.58	1.58 102,104,1
06										
	71.4	1.02	1.79	1.37101,101,105	1.02	1.16	1.16101,103,105			
	142.8	2.76	4.79	3.68101,101,105	3.40	3.53	3.53101,103,105			
286	0.0	0.09	0.04	0.12102,102,106	0.0	0.0	0.0 0,0,0	-0.03	-0.03	-
0.03102,104,106										
	320.9	0.41	0.37	0.54101,101,105	0.11	0.11	0.11101,103,105			
287	0.0	0.11	0.05	0.14102,102,106	0.0	0.0	0.0 0,0,0	-0.04	-0.04	-
0.04102,104,106										
	321.0	0.38	0.34	0.51101,101,105	0.10	0.10	0.10101,103,105			
288	0.0	0.47	0.39	0.63101,101,105	0.08	0.09	0.09101,103,105	-0.09	-0.09	-
0.09101,103,105										
	230.3	0.27	0.12	0.36102,102,106	0.0	0.0	0.0 0,0,0			
	460.7	0.35	0.15	0.47102,102,106	0.02	0.02	0.02102,104,106			
289	0.0	0.47	0.38	0.63101,101,105	0.07	0.09	0.09101,103,105	-0.10	-0.10	-
0.10101,103,105										
	230.3	0.28	0.12	0.37102,102,106	0.0	0.0	0.0 0,0,0			
	460.7	0.35	0.15	0.47102,102,106	0.02	0.02	0.02101,103,105			
290	0.0	1.23	2.10	1.64102,102,106	1.27	1.40	1.40102,104,106	-1.25	-1.32	-
1.32102,104,106										
	900.2	1.23	2.10	1.64101,101,105	1.26	1.39	1.39101,103,105			
291	0.0	3.31	5.71	4.41101,101,105	4.13	4.26	4.26101,103,105	-10.28	-10.70	-
10.70101,103,105										
	434.6	1.64	1.93	2.19101,101,105	0.75	0.78	0.78101,103,105			
	869.1	4.31	7.30	5.74102,102,106	5.38	5.50	5.50102,104,106			
292	0.0	4.31	7.32	5.75102,102,106	5.39	5.52	5.52102,104,106	-10.24	-10.66	-
10.66101,103,105										
	434.6	1.64	1.93	2.19101,101,105	0.75	0.78	0.78101,103,105			
	869.2	3.31	5.72	4.42101,101,105	4.14	4.27	4.27101,103,105			
293	0.0	3.31	5.66	4.41101,101,105	4.08	4.21	4.21101,103,105	-10.22	-10.64	-
10.64101,103,105										
	434.6	1.65	1.91	2.20101,101,105	0.73	0.77	0.77101,103,105			
	869.1	4.29	7.22	5.71102,102,106	5.31	5.43	5.43102,104,106			
294	0.0	4.31	7.26	5.75102,102,106	5.34	5.47	5.47102,104,106	-10.14	-10.57	-
10.57101,103,105										
	434.5	1.64	1.90	2.19101,101,105	0.73	0.77	0.77101,103,105			
	869.0	3.30	5.65	4.40101,101,105	4.07	4.21	4.21101,103,105			
295	0.0	1.24	2.14	1.65102,102,106	1.30	1.43	1.43102,104,106	-1.20	-1.28	-
1.28101,103,105										
	900.0	1.24	2.14	1.65102,102,106	1.30	1.43	1.43102,104,106			
296	0.0	0.46	0.27	0.61101,101,105	0.05	0.06	0.06101,103,105	-0.10	-0.10	-
0.10101,103,105										
	226.1	0.18	0.08	0.24101,101,105	0.0	0.0	0.0 0,0,0			
297	0.0	0.48	0.31	0.64101,101,105	0.06	0.07	0.07101,103,105	-0.11	-0.11	-
0.11101,103,105										

	226.2	0.19	0.08	0.25101,101,105	0.0	0.0	0.0	0,0,0			
298	0.0	0.29	0.12	0.38101,101,105	0.0	0.0	0.0	0,0,0	0.16	0.17	0.17 101,103,1
05											
	216.4	0.64	0.54	0.86101,101,105	0.12	0.14	0.14101,103,105				
299	0.0	0.29	0.13	0.39101,101,105	0.0	0.0	0.0	0,0,0	0.16	0.18	0.18 101,103,1
05											
	107.9	0.11	0.05	0.14101,101,105	0.0	0.0	0.0	0,0,0			
	215.9	0.65	0.56	0.87101,101,105	0.13	0.15	0.15101,103,105				
300	0.0	0.06	0.03	0.08102,102,106	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-
0.05101,103,105											
	235.4	0.14	0.05	0.19101,101,105	0.0	0.0	0.0	0,0,0			
301	0.0	0.06	0.03	0.07102,102,106	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-
0.05101,103,105											
	235.8	0.15	0.05	0.20101,101,105	0.0	0.0	0.0	0,0,0			
302	0.0	0.31	0.66	0.41102,102,106	0.0	0.0	0.0	0,0,0	1.01	1.15	1.15 101,103,1
05											
	234.5	0.13	0.17	0.17101,101,105	0.0	0.0	0.0	0,0,0			
	469.0	2.14	4.22	2.85102,102,106	3.71	3.95	3.95102,104,106				
303	0.0	1.82	3.14	2.43102,102,106	2.09	2.23	2.23102,104,106		0.81	0.92	0.92 101,103,1
05											
	234.5	0.13	0.17	0.17102,101,106	0.0	0.0	0.0	0,0,0			
	469.0	0.25	0.48	0.34101,101,105	0.0	0.0	0.0	0,0,0			
304	0.0	0.26	0.42	0.34101,101,105	0.0	0.0	0.0	0,0,0	0.68	0.77	0.77 102,104,1
06											
	234.5	0.13	0.13	0.17101,101,105	0.0	0.0	0.0	0,0,0			
	469.0	1.82	3.07	2.42102,102,106	2.03	2.16	2.16101,103,105				
305	0.0	1.81	3.07	2.42102,101,106	2.03	2.16	2.16101,103,105		0.68	0.78	0.78 102,104,1
06											
	234.6	0.13	0.14	0.18101,101,105	0.0	0.0	0.0	0,0,0			
	469.2	0.26	0.43	0.35101,101,105	0.0	0.0	0.0	0,0,0			
Trave		rRfck	rRfyk	rPfck	wR	wF	wP		dR	dF	dP
		4.31	7.60	5.75	<u>5.39</u>	<u>5.52</u>	<u>5.52</u>		1.49	1.58	1.58

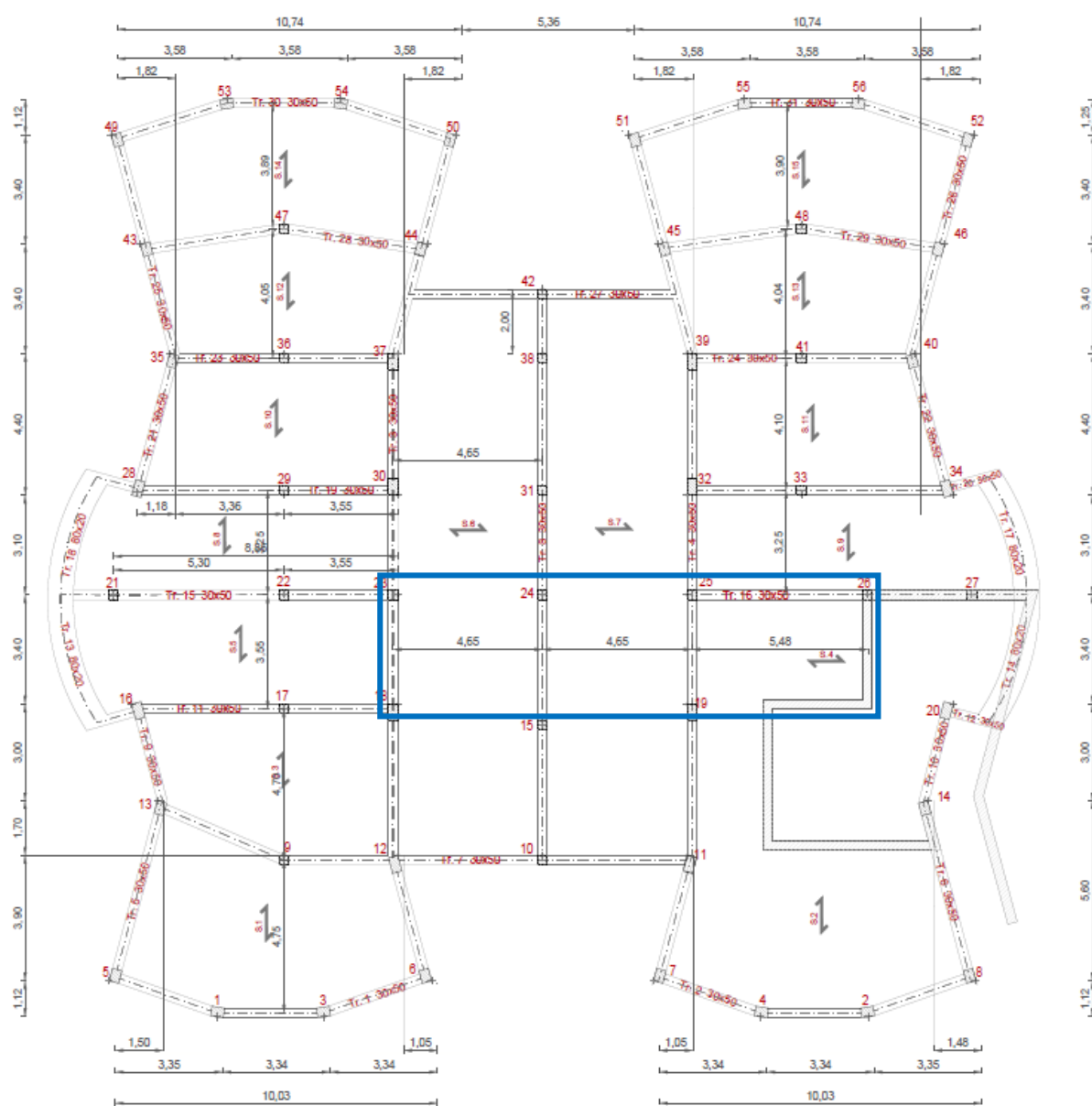
1.1 VERIFICA SOLAI ESISTENTI

La tipologia di orizzontamenti caratterizzanti l'edificio è quella prefabbricata realizzata con lastre Predalles di larghezza pari a 120 cm con blocchi di polistirolo di alleggerimento e getto in cemento armato sovrastante. La predalles ha la funzione di garantire la resistenza in fase di getto del calcestruzzo ed è impiegata come cassero a perdere.

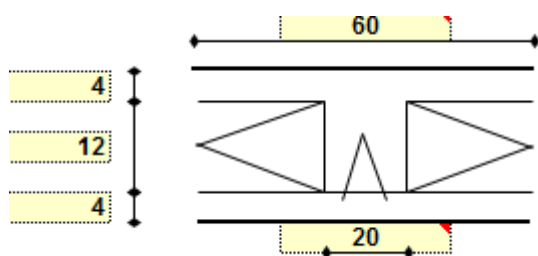
Si riporta la verifica dei solai con le luci di calcolo maggiori, due in semplice appoggio (solaio di sottotetto e copertura) e uno in continuità (solaio primo calpestio).

Si riportano di seguito le sollecitazioni e le verifiche strutturali principali.

Solaio in continuità: primo calpestio $h = 20$ cm



1.1.1 – Individuazione campate verificata.



Travetto tipo $b = 20$ cm e interasse $i = 60$ cm

Dati di input

Luci e carichi					
Luci (m)		L	4.65	4.65	5.48
Peso proprio solaio calcolato (daN/mq.)	ADOTTA	p.p. calc	4.65	4.65	5.48
Peso proprio solaio adottato (daN/mq.)		p.p.	500	500	500
Sovr. perm. compiutamente definiti (daN/mq.)		g1	0	0	0
Sovr. perm. non-compiutamente definiti (daN/mq.)		g2	0	0	0
Sovr. variabili (daN/mq.)		q	300	300	300
Carichi totali (daN/m)		tot	800	800	800

Categoria del carico variabile

Cat. C Affollamento	ψ_0	0.7
	ψ_1	0.7
	ψ_2	0.6

Ridistribuzione momenti comb. ultima

Ridistribuzione desiderata	1-5	15%			
Rapporti fra le luci delle campate		1.00	1.00	0.85	1.00
Ridistribuzione applicata		15%	15%	15%	15%

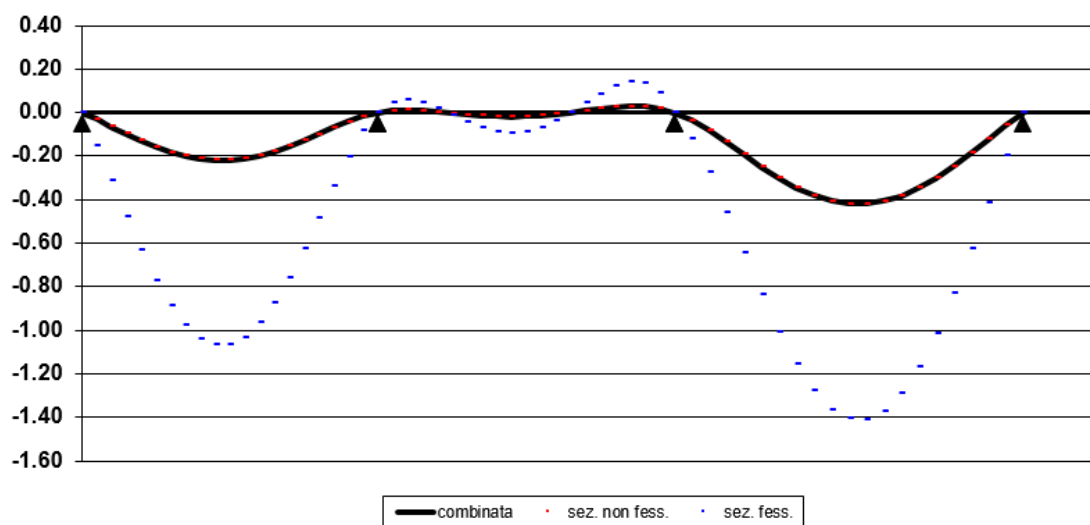
Coefficienti parziali sulle azioni

DEFAULT NTC '08	γ_{g1}	1.0	1.3		
	γ_{g2}	0.0	1.5		NTC '08
	γ_q	0.0	1.5		

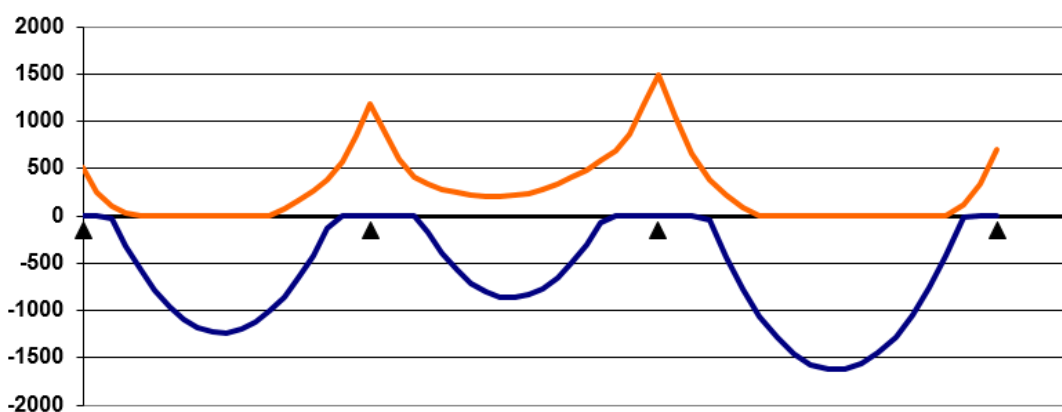
Combinazioni

1: COMBINAZIONE ULTIMA					
Momenti Max - per nervatura		-505	-1175	-1491	-702
Momenti Max + per nervatura		1241	869	1635	
Tagli dx Max per nervatura		1485	1615	1978	
Tagli sx Max per nervatura			1704	1742	1722
Reazioni Max per nervatura		1485	3319	3719	1722
Reazioni Max per fascia di un metro		2475	5532	6199	2870
2: COMBINAZIONE RARA					
Momenti Max - per nervatura		-432	-969	-1253	-601
Momenti Max + per nervatura		743	458	996	
Tagli dx Max per nervatura		1061	1135	1434	
Tagli sx Max per nervatura			1231	1241	1238
Reazioni Max per nervatura		1061	2366	2675	1238
Reazioni Max per fascia di un metro		1768	3944	4458	2063
3: COMBINAZIONE QUASI PERMANENTE					
Momenti Max - per nervatura		-368	-803	-1053	-511
Momenti Max + per nervatura		607	339	826	
Tagli dx Max per nervatura		891	943	1217	
Tagli sx Max per nervatura			1042	1040	1044
Reazioni Max per nervatura		891	1985	2257	1044
Reazioni Max per fascia di un metro		1485	3309	3762	1740
4: COMBINAZIONE FREQUENTE					
Momenti Max - per nervatura		-384	-845	-1103	-533
Momenti Max + per nervatura		641	369	869	
Tagli dx Max per nervatura		933	991	1271	
Tagli sx Max per nervatura			1090	1091	1092
Reazioni Max per nervatura		933	2081	2362	1092
Reazioni Max per fascia di un metro		1556	3468	3936	1820

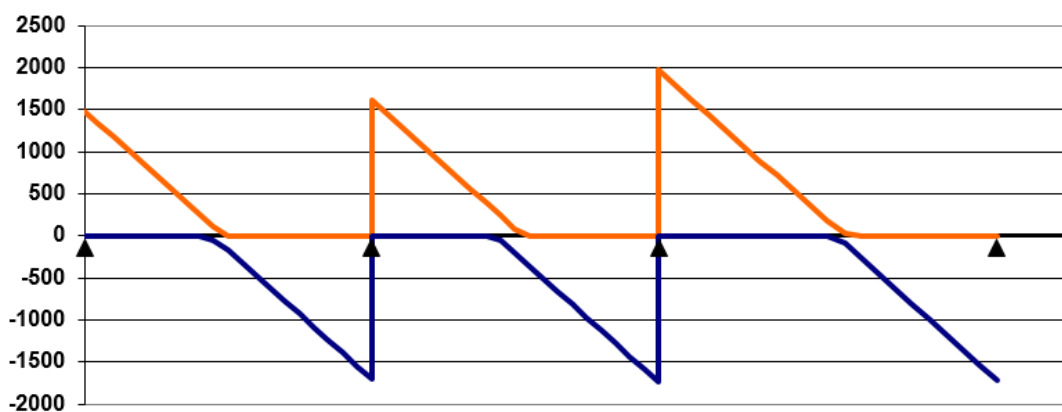
DEFORMATA COMBINAZIONE QUASI PERMANENTE



MOMENTI INVILUPPO COMBINAZIONE ULTIMA



TAGLI INVILUPPO COMBINAZIONE ULTIMA



Materiali e armatura

Materiali						
Calcestruzzo	Classe	C28/35				
Acciaio	Tipo	FeB38K				
Dati geometrici						
Diametro delle barre longitudinali superiori (mm)	φ	14	14	14	14	
Diametro delle barre longitudinali inferiori (mm)	φ	14	14	14	14	
Armatura costante superiore	φ	n.	n.	n.	n.	c
e) rete ø10/20"x20" collaborante solo in campata	ø10	3	3	3		2.00
	CampSup	2.36	2.36	2.36		
	-	-	-	-	-	2.00
	AppSup	-	-	-	-	
Armatura costante inferiore						
e) rete ø10/20"x20" collaborante solo in campata	ø10	3	3	3		2.00
	CampInf	2.36	2.36	2.36		
	-	-	-	-	-	2.00
	Applnf	-	-	-	-	
Ricoprimento di calcestruzzo sulle barre (cm)	c	2.0	2.0	2.0	2.0	
Copriferro di calcolo (cm)	h'	2.7	2.7	2.7	2.7	
Spessore solaio (cm)	H	20	20	20	20	
Larghezza nervature (cm)	b	20	20	20	20	
Altezza utile (cm)	d	17.3	17.3	17.3	17.3	

e) rete ø10/20"x20" collaborante solo in campata	0ø0	0ø0	0ø0	0ø0
Armatura appoggi	1ø14	2ø14	2ø14	1ø14
	1ø14	1ø14	1ø14	1ø14
e) rete ø10/20"x20" collaborante solo in campata	0ø0	0ø0	0ø0	0ø0
Momento sollecitante (daN*m)	Med	505	1175	1491
Momento resistente (daN*m)	Mrd	957	1832	1832
indice di verifica	f	1.89	1.56	1.23
Asse neutro (cm)	xc	3	4	4
Sforzo acciaio (daN/cm ²)	σ.s	3826	3826	3826
Sforzo calcestruzzo (daN/cm ²)	σ.c	-164.0	-164.6	-164.6
Deformazione acciaio	ε.s	1.000%	1.000%	1.000%
Deformazione calcestruzzo	ε.c	-0.188%	-0.275%	-0.275%
Campo di rottura	n.	2	2	2
Ridistribuzione massima consentita	1-δ	30%	29%	29%
Controllo redistribuzione	1-δ	si	si	si
e) rete ø10/20"x20" collaborante solo in campata	3ø10	3ø10	3ø10	
Armatura campate	0ø14	0ø14	0ø14	
e) rete ø10/20"x20" collaborante solo in campata	3ø10	3ø10	3ø10	
Momento sollecitante (daN*m)	Med	1241	869	1635
Momento resistente (daN*m)	Mrd	1529	1529	2447
indice di verifica	f	1.23	1.76	1.50
Asse neutro (cm)	xc	2	2	3
Sforzo acciaio (daN/cm ²)	σ.s	3826	3826	3826
Sforzo calcestruzzo (daN/cm ²)	σ.c	-148.7	-148.7	-161.5
Deformazione acciaio	ε.s	1.000%	1.000%	1.000%
Deformazione calcestruzzo	ε.c	-0.138%	-0.138%	-0.173%
Campo di rottura	n.	2	2	2

Dati di output

controllo armatura minima scelta:		nessuna	si			si	
Armatura appoggi		ϕ	n.	n.	n.	n.	c
		-	-	-	-	-	2.0
sup.		$\phi 14$	1	2	2	1	2.0
inf.		$\phi 14$	1	1	1	1	2.0
		-	-	-	-	-	2.0
1: VERIFICHE IN COMBINAZIONE ULTIMA							
Momento sollecitante (daN*m)	Med	505	1175	1491	702		
Momento resistente (daN*m)	Mrd	957	1832	1832	957		
indice di verifica	f	1.89	1.56	1.23	1.36		
Asse neutro (cm)	xc	3	4	4	3		
Sforzo acciaio (daN/cmq.)	σ_s	3826	3826	3826	3826		
Sforzo calcestruzzo (daN/cmq.)	σ_c	-164.0	-164.6	-164.6	-164.0		
Deformazione acciaio	ϵ_s	1.000%	1.000%	1.000%	1.000%		
Deformazione calcestruzzo	ϵ_c	-0.188%	-0.275%	-0.275%	-0.188%		
Campo di rottura	n.	2	2	2	2		
Ridistribuzione massima consentita	1- δ	30%	29%	29%	30%		
Controllo redistribuzione	1- δ	si	si	si	si		
2: VERIFICHE IN COMBINAZIONE RARA							
	σ_s limite	3520	3520	3520	3520		
	σ_s	1815	2091	2705	2520		
indice di verifica lato acciaio	f	1.94	1.68	1.30	1.40		
	σ_c limite	174.3	174.3	174.3	174.3		
	σ_c	47.4	82.7	107.0	65.8		
indice di verifica lato cls	f	3.68	2.11	1.63	2.65		
3: VERIFICHE IN COMBINAZIONE QUASI PERMANENTE							
	σ_c limite	130.7	130.7	130.7	130.7		
	σ_c	40.3	68.6	89.9	55.9		
indice di verifica lato cls	f	3.25	1.91	1.45	2.34		

CLIK PER PROCEDERE

controllo armatura minima scelta:		nessuna	si	si	si		
Armatura campate		ϕ	n.	n.	n.	c	
		$\phi 10$	3	3	3	2.0	
sup.		$\phi 14$	-	-	-	2.0	
inf.		$\phi 14$	-	-	1	2.0	
		$\phi 10$	3	3	3	2.0	
1: VERIFICHE IN COMBINAZIONE ULTIMA							
Momento sollecitante (daN*m)	Med	1241	869	1635			
Momento resistente (daN*m)	Mrd	1517	1517	2428			
indice di verifica	f	1.22	1.75	1.48			
Asse neutro (cm)	xc	2	2	3			
Sforzo acciaio (daN/cmq.)	σ_s	3826	3826	3826			
Sforzo calcestruzzo (daN/cmq.)	σ_c	-122.5	-122.5	-131.4			
Deformazione acciaio	ϵ_s	1.000%	1.000%	1.000%			
Deformazione calcestruzzo	ϵ_c	-0.147%	-0.147%	-0.190%			
Campo di rottura	n.	2	2	2			
2: VERIFICHE IN COMBINAZIONE RARA							
	y	3.82	3.82	4.70			
	Jci	7787	7787	11667			
	σ_s limite	3520	3520	3520			
	σ_s	1958	1208	1627			
indice di verifica lato acciaio	f	1.80	2.91	2.16			
	σ_c limite	139.4	139.4	139.4			
	σ_c	36.4	22.5	40.2			
indice di verifica lato cls	f	3.83	6.21	3.47			
3: VERIFICHE IN COMBINAZIONE QUASI PERMANENTE							
	y	3.82	3.82	4.70			
	Jci	7787	7787	11667			
	σ_c limite	104.6	104.6	104.6			
	σ_c	29.8	16.6	33.3			
indice di verifica lato cls	f	3.51	6.29	3.14			
	σ_s	1601	894	1348			
4: VERIFICHE IN COMBINAZIONE FREQUENTE							
	σ_s	1690	972	1418			

Verifiche a taglio					
1: con fasce piene					
Tagli resistenti sx (daN)	VRd	1846	1846	1846	
fascia piena (dall'asse dell'appoggio)	d1	-	-	20 cm	-
Tagli resistenti dx (daN)	VRd		1846	1846	1846
fascia piena (dall'asse dell'appoggio)	d2	-	-	-	-
2: con fasce piene e barre longitudinali tese					
	ϕ	n.	n.	n.	n.
	-	-	-	-	-
sup.	$\phi 14$	1	2	2	1
inf.	$\phi 14$	1	1	1	1
	-	-	-	-	-
Tagli resistenti sx (daN)	VRd	1948	2455	2455	
fascia piena (dall'asse dell'appoggio)	d1	-	-	-	-
Tagli resistenti dx (daN)	VRd		2455	2455	1948
fascia piena (dall'asse dell'appoggio)	d2	-	-	-	-

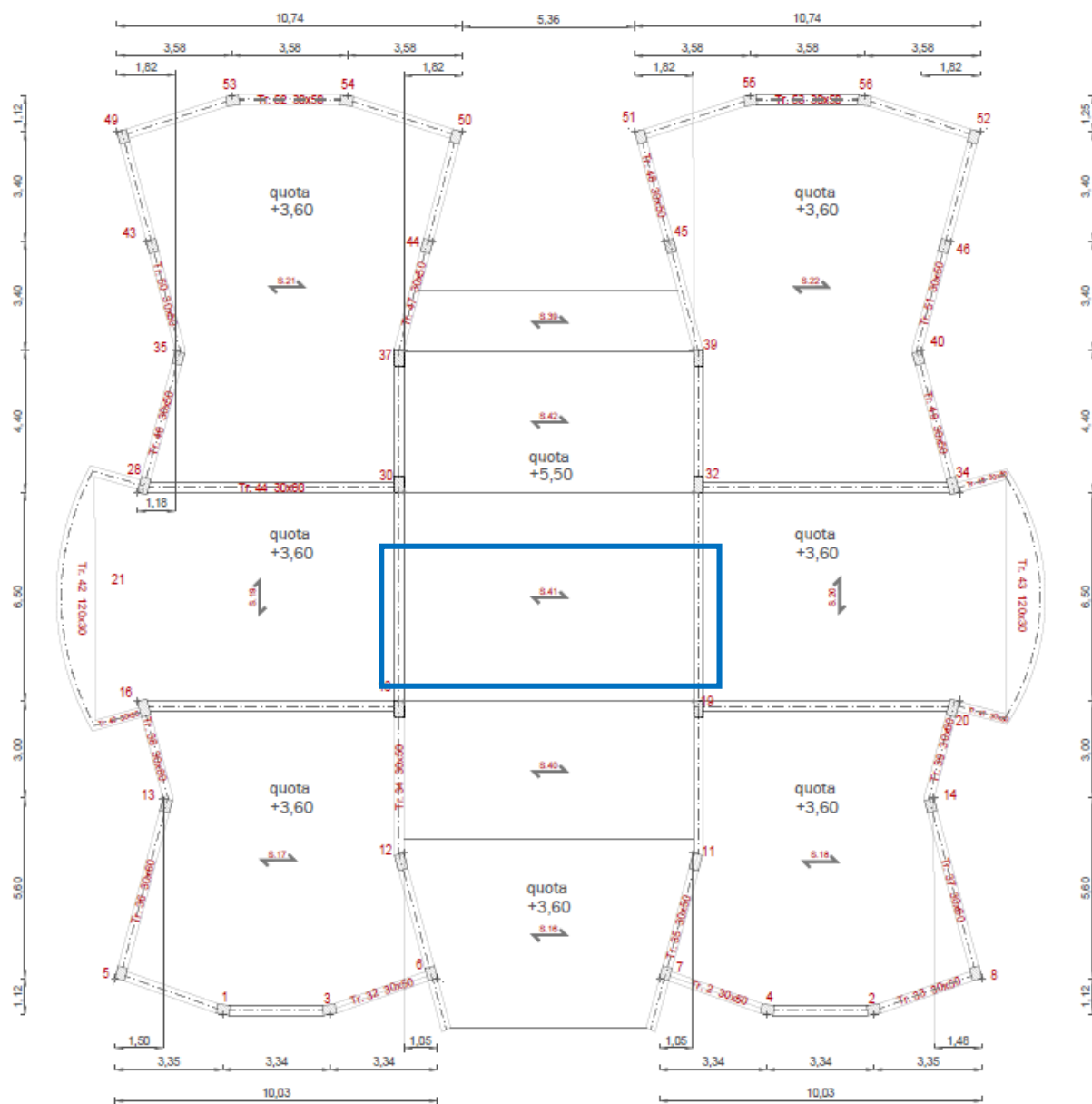
Verifiche di fessurazione					
CONDIZ. AMBIENTALI ORDINARIE					
Appoggi					
diametro armature superiori	ϕ	14	14	14	14
combinazione frequente	σ_s	1610	1823	2381	2237
comb. frequente CONDIZ. AMBIENTALI ORDINARIE	f	2.84	2.54	1.47	1.78
combinazione quasi permanente	σ_s	1542	1734	2272	2142
comb. quasi perm. CONDIZ. AMBIENTALI ORDINARIE	f	2.29	2.12	1.35	1.56
Campate					
diametro armature inferiori	ϕ	10	10	14	
combinazione frequente	σ_s	1690	972	1418	
comb. frequente CONDIZ. AMBIENTALI ORDINARIE	f	3.82	4.00	2.86	
combinazione quasi permanente	σ_s	1601	894	1348	
comb. quasi perm. CONDIZ. AMBIENTALI ORDINARIE	f	3.04	3.20	2.29	

Verifiche di snellezza					
	ρ	0.49%	0.49%	0.81%	
	ρ'	0.49%	0.49%	0.49%	
λ limite tab		26	30	26	
K		1.3	1.5	1.3	
λ limite calc		25.8	42.5	30.1	
λ limite		25.8	42.5	30.1	
λ		23.3	23.3	27.4	
indice di verifica	f	1.11	1.83	1.10	

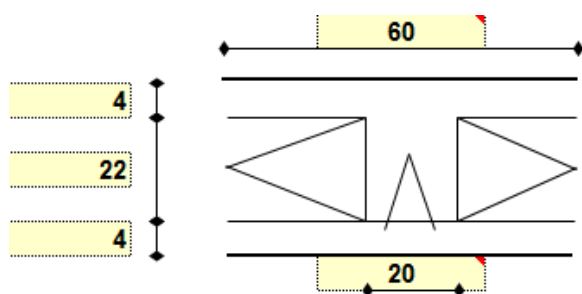
Verifiche di deformabilità					
PER L'INTEGRITA' DEI DIVISORI					
Coefficiente di viscosità (11.2.10.7)	$\phi(\text{inf})$	1.8	1.8	1.8	
Freccia massima sez. non-fessurata (cm)	f max	0.22	0.02	0.42	
Freccia massima sez. fessurata (cm)	f max	1.07	0.10	1.41	
Freccia massima combinata (cm)	f max	0.22	0.02	0.42	
Freccia limite (cm)	f lim	0.93	0.93	1.10	
indice di verifica	f	4.24	47.43	2.61	

Dai tabulati sopra riportati si evince che tutte le verifiche risultano soddisfatte (indice di verifica $f > 1$).

Solaio in semplice appoggio: sottotetto $h = 30$ cm



1.1.2 – Individuazione campata verificata.



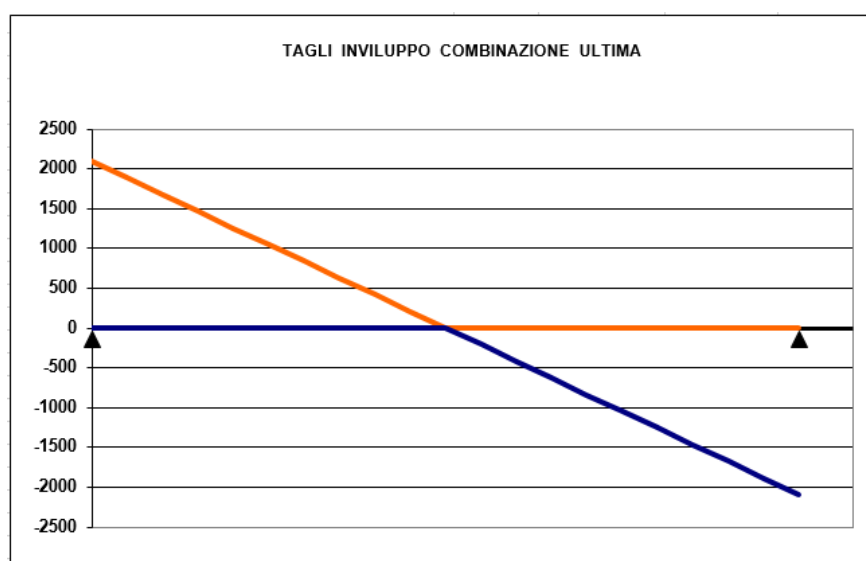
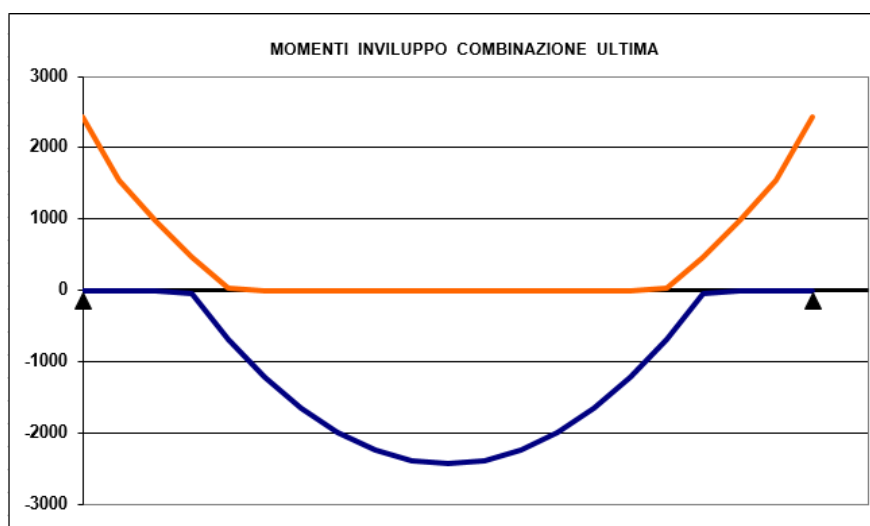
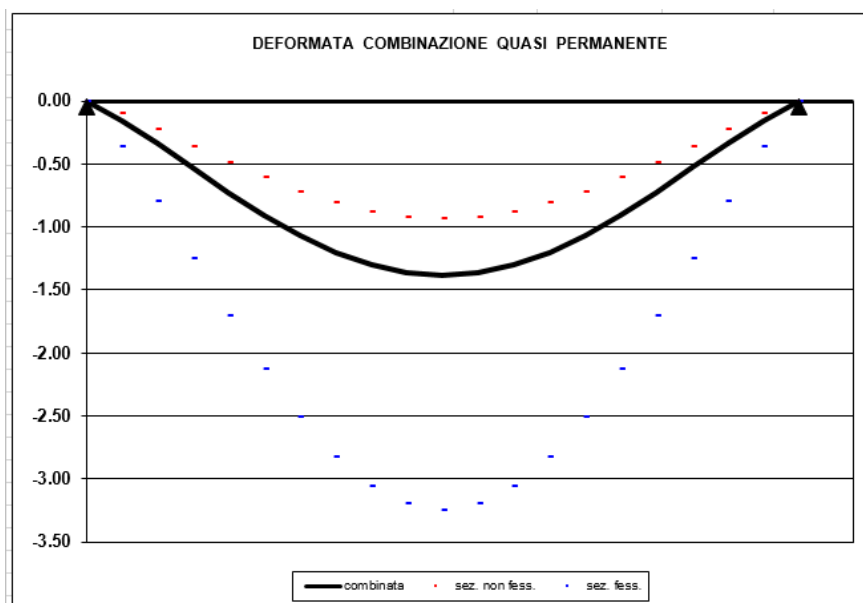
Travetto tipo $b = 20$ cm e interasse $i = 60$ cm

Dati di input

Luci e carichi			
Luci (m)		L	9.3
Peso proprio solaio calcolato (daN/mq.)	ADOTTA	p.p. calc	520
Peso proprio solaio adottato (daN/mq.)		p.p.	520
Sovr. perm. compiutamente definiti (daN/mq.)		g1	0
Sovr. perm. non-compiutamente definiti (daN/mq.)		g2	0
Sovr. variabili (daN/mq.)		q	50
Carichi totali (daN/m)		tot	570
Categoria del carico variabile			
Cat. H Coperture		ψ_0	0.0
		ψ_1	0.0
		ψ_2	0.0
Coefficienti parziali sulle azioni			
	DEFAULT NTC '08	γ_{g1}	1.0
		γ_{g2}	0.0
		γ_q	0.0

Combinazioni

1: COMBINAZIONE ULTIMA			
Momenti Max - per nervatura		-2436	-2436
Momenti Max + per nervatura		2435	
Tagli dx Max per nervatura		2095	
Tagli sx Max per nervatura			2095
Reazioni Max per nervatura		2095	2095
Reazioni Max per fascia di un metro		3492	3492
2: COMBINAZIONE RARA			
Momenti Max - per nervatura		-1849	-1849
Momenti Max + per nervatura		1848	
Tagli dx Max per nervatura		1590	
Tagli sx Max per nervatura			1590
Reazioni Max per nervatura		1590	1590
Reazioni Max per fascia di un metro		2651	2651
3: COMBINAZIONE QUASI PERMANENTE			
Momenti Max - per nervatura		-1687	-1687
Momenti Max + per nervatura		1687	
Tagli dx Max per nervatura		1451	
Tagli sx Max per nervatura			1451
Reazioni Max per nervatura		1451	1451
Reazioni Max per fascia di un metro		2418	2418
4: COMBINAZIONE FREQUENTE			
Momenti Max - per nervatura		-1687	-1687
Momenti Max + per nervatura		1687	
Tagli dx Max per nervatura		1451	
Tagli sx Max per nervatura			1451
Reazioni Max per nervatura		1451	1451
Reazioni Max per fascia di un metro		2418	2418



Materiali				
Calcestruzzo	Classe	C28/35		
Acciaio	Tipo	FeB38K		
Dati geometrici				
Diametro delle barre longitudinali superiori (mm)	φ	14	14	
Diametro delle barre longitudinali inferiori (mm)	φ	14	14	
Armatura costante superiore				
a) nessuna	φ	n.	n.	c
	-	-	-	2.00
	CampSup	-	-	
	-	-	-	2.00
	AppSup	-	-	
Armatura costante inferiore				
e) rete ø10/20"x20" collaborante solo in campata	ø10	3		2.00
	CampInf	2.36		
	-	-	-	2.00
	Applnf	-	-	
Ricoprimento di calcestruzzo sulle barre (cm)	c	2.0	2.0	
Copriferro di calcolo (cm)	h'	2.7	2.7	
Spessore solaio (cm)	H	30	30	
Larghezza nervature (cm)	b	20	20	
Altezza utile (cm)	d	27.3	27.3	

Armatura appoggi				
a) nessuna	0ø0	0ø0		
	2ø14	2ø14		
	1ø14	1ø14		
e) rete ø10/20"x20" collaborante solo in campata	0ø0	0ø0		
Momento sollecitante (daN*m)	Med	2436	2436	
Momento resistente (daN*m)	Mrd	2996	2996	
indice di verifica	f	1.23	1.23	
Asse neutro (cm)	xc	4	4	
Sforzo acciaio (daN/cm ²)	σ.s	3826	3826	
Sforzo calcestruzzo (daN/cm ²)	σ.c	-164.3	-164.3	
Deformazione acciaio	ε.s	1.000%	1.000%	
Deformazione calcestruzzo	ε.c	-0.191%	-0.191%	
Campo di rottura	n	2	2	
Ridistribuzione massima consentita	1-δ	0%	0%	
Controllo ridistribuzione	1-δ	si	si	
Armatura campate				
a) nessuna	0ø0	0ø14		
	1ø14	3ø10		
e) rete ø10/20"x20" collaborante solo in campata				
Momento sollecitante (daN*m)	Med	2435		
Momento resistente (daN*m)	Mrd	3904		
indice di verifica	f	1.60		
Asse neutro (cm)	xc	3		
Sforzo acciaio (daN/cm ²)	σ.s	3826		
Sforzo calcestruzzo (daN/cm ²)	σ.c	-141.6		
Deformazione acciaio	ε.s	1.000%		
Deformazione calcestruzzo	ε.c	-0.125%		
Campo di rottura	n	2		

Dati di output

controllo armatura minima scelta:		nessuna	si	si	
		ϕ	n	n	c
Armatura appoggi		-	-	-	2.0
sup.	$\phi 14$	2	2	2	2.0
		CLIK PER PROCEDERE			
inf.	$\phi 14$	1	1	1	2.0
		-	-	-	2.0
1: VERIFICHE IN COMBINAZIONE ULTIMA					
Momento sollecitante (daN*m)	Med	2436	2436		
Momento resistente (daN*m)	Mrd	2996	2996		
indice di verifica	f	1.23	1.23		
Asse neutro (cm)	xc	4	4		
Sforzo acciaio (daN/cm ²)	σ_s	3826	3826		
Sforzo calcestruzzo (daN/cm ²)	σ_c	-164.3	-164.3		
Deformazione acciaio	ϵ_s	1.000%	1.000%		
Deformazione calcestruzzo	ϵ_c	-0.191%	-0.191%		
Campo di rottura	n	2	2		
Ridistribuzione massima consentita	1- δ	0%	0%		
Controllo redistribuzione	1-δ	si	si		
2: VERIFICHE IN COMBINAZIONE RARA					
	σ_s limite	3520	3520		
	σ_s	2455	2455		
indice di verifica lato acciaio	f	1.43	1.43		
	σ_c limite	174.3	174.3		
	σ_c	74.6	74.6		
indice di verifica lato cls	f	2.34	2.34		
3: VERIFICHE IN COMBINAZIONE QUASI PERMANENTE					
	σ_c limite	130.7	130.7		
	σ_c	68.1	68.1		
indice di verifica lato cls	f	1.92	1.92		

controllo armatura minima scelta:		nessuna	si	
		ϕ	n	c
Armatura campate		-	-	2.0
sup.	$\phi 14$	-	-	2.0
inf.	$\phi 14$	1	1	2.0
	$\phi 10$	3	3	2.0
1: VERIFICHE IN COMBINAZIONE ULTIMA				
Momento sollecitante (daN*m)	Med	2435		
Momento resistente (daN*m)	Mrd	3896		
indice di verifica	f	1.60		
Asse neutro (cm)	xc	3		
Sforzo acciaio (daN/cm ²)	σ_s	3826		
Sforzo calcestruzzo (daN/cm ²)	σ_c	-121.3		
Deformazione acciaio	ϵ_s	1.000%		
Deformazione calcestruzzo	ϵ_c	-0.144%		
Campo di rottura	n	2		
2: VERIFICHE IN COMBINAZIONE RARA				
	y	6.39		
	Jci	30999		
	σ_s limite	3520		
	σ_s	1879		
indice di verifica lato acciaio	f	1.87		
	σ_c limite	139.4		
	σ_c	38.1		
indice di verifica lato cls	f	3.66		
3: VERIFICHE IN COMBINAZIONE QUASI PERMANENTE				
	y	6.39		
	Jci	30999		
	σ_c limite	104.6		
	σ_c	34.8		
indice di verifica lato cls	f	3.01		
	σ_s	1714		
4: VERIFICHE IN COMBINAZIONE FREQUENTE				
	σ_s	1714		

Verifiche a taglio			
1: con fasce piene			
Tagli resistenti sx (daN)	VRd	2604	
fascia piena (dall'asse dell'appoggio)	d1	-	
Tagli resistenti dx (daN)	VRd	2604	
fascia piena (dall'asse dell'appoggio)	d2	-	
2: con fasce piene e barre longitudinali tese			
	ϕ	n.	n.
sup.	$\phi 14$	2	2
inf.	$\phi 14$	1	1
Tagli resistenti sx (daN)	VRd	3088	
fascia piena (dall'asse dell'appoggio)	d1	-	
Tagli resistenti dx (daN)	VRd	3088	
fascia piena (dall'asse dell'appoggio)	d2	-	

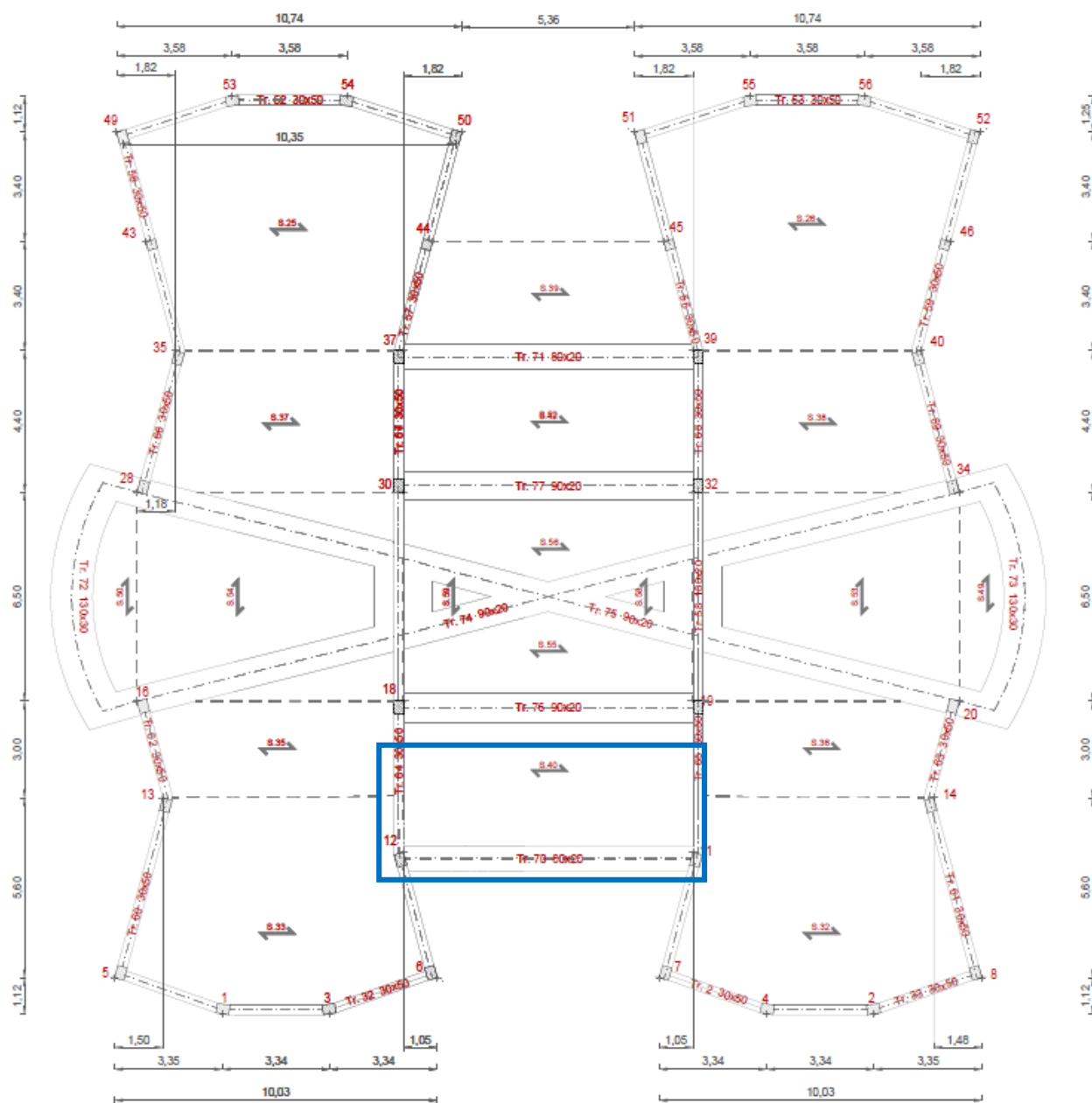
Verifiche di fessurazione			
CONDIZ. AMBIENTALI ORDINARIE			
Appoggi			
diametro armature superiori	ϕ	14	14
combinazione frequente	σ_s	2239	2239
comb. frequente CONDIZ. AMBIENTALI ORDINARIE	f	1.77	1.77
combinazione quasi permanente	σ_s	2239	2239
comb. quasi perm. CONDIZ. AMBIENTALI ORDINARIE	f	1.40	1.40
Campate			
diametro armature inferiori	ϕ	14	
combinazione frequente	σ_s	1714	
comb. frequente CONDIZ. AMBIENTALI ORDINARIE	f	2.69	
combinazione quasi permanente	σ_s	1714	
comb. quasi perm. CONDIZ. AMBIENTALI ORDINARIE	f	2.14	

Verifiche di snellezza			
	ρ	0.57%	
	ρ^*	0.00%	
	λ limite tab	20	
	K	1	
	λ limite calc	31.8	
	λ limite	31.8	
	λ	31.0	
indice di verifica	f	1.03	

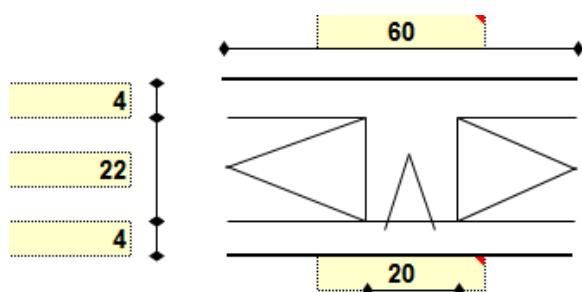
Verifiche di deformabilità			
PER L'INTEGRITÀ DEI DIVISORI			
Coefficiente di viscosità (11.2.10.7)	$\phi(\text{inf})$	1.7	
Freccia massima sez. non-fessurata (cm)	f max	0.93	
Freccia massima sez. fessurata (cm)	f max	3.25	
Freccia massima combinata (cm)	f max	1.38	
Freccia limite (cm)	f lim	1.86	
indice di verifica	f	1.35	

Dai tabulati sopra riportati si evince che tutte le verifiche risultano soddisfatte (indice di verifica $f > 1$).

Solaio in semplice appoggio: copertura $h = 30$ cm



1.1.3 – Individuazione campata verificata.



Travetto tipo $b = 20$ cm e interasse $i = 60$ cm

Dati di input

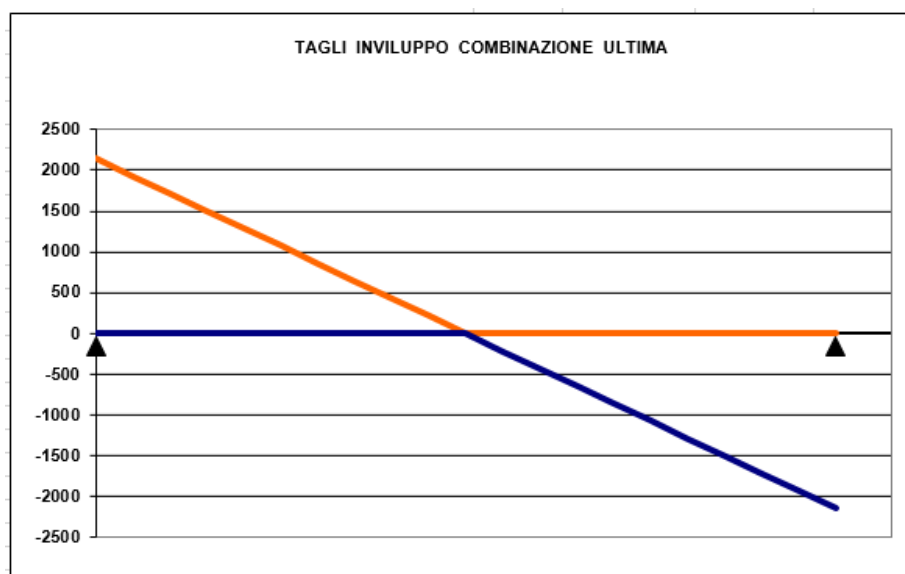
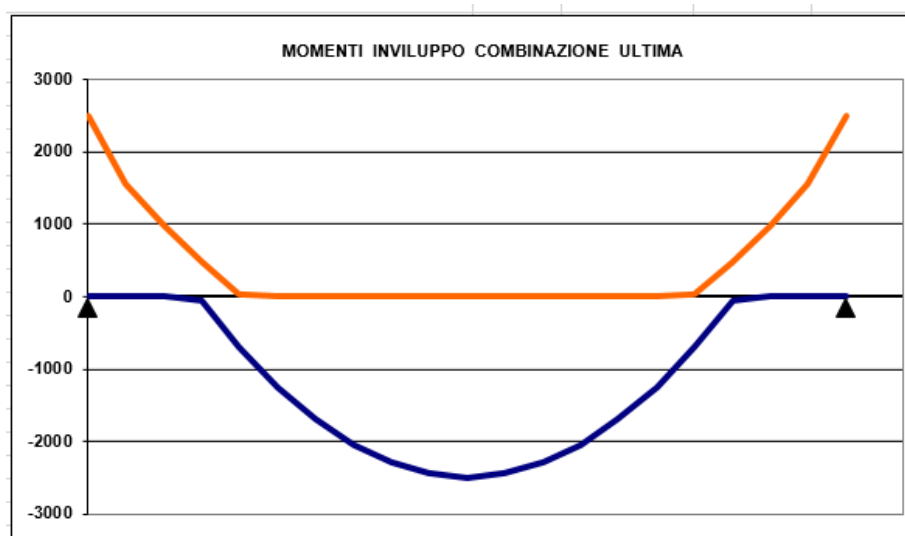
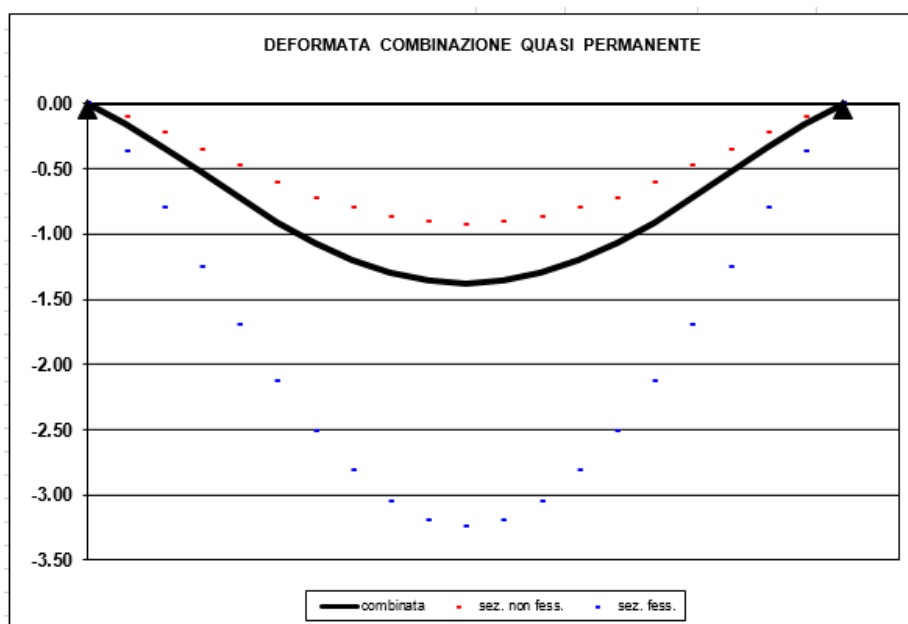
Luci e carichi			
Luci (m)		L	9.3
Peso proprio solaio calcolato (daN/mq.)	ADOTTA	p.p. calc	520
Peso proprio solaio adottato (daN/mq.)		p.p.	520
Sovr. perm. compiutamente definiti (daN/mq.)		g1	0
Sovr. perm. non-compiutamente definiti (daN/mq.)		g2	0
Sovr. variabili (daN/mq.)		q	62
Carichi totali (daN/m)		tot	582

Categoria del carico variabile			
Cat. L Neve fino a 1000 m	ψ_0	0.5	
	ψ_1	0.2	
	ψ_2	0.0	

Coefficienti parziali sulle azioni		γ_{g1}	1.0	1.3
DEFAULT NTC '08		γ_{g2}	0.0	1.5
		γ_q	0.0	1.5

Combinazioni

1: COMBINAZIONE ULTIMA			
Momenti Max - per nervatura		-2494	-2494
Momenti Max + per nervatura		2494	
Tagli dx Max per nervatura		2146	
Tagli sx Max per nervatura			2146
Reazioni Max per nervatura		2146	2146
Reazioni Max per fascia di un metro		3576	3576
2: COMBINAZIONE RARA			
Momenti Max - per nervatura		-1888	-1888
Momenti Max + per nervatura		1887	
Tagli dx Max per nervatura		1624	
Tagli sx Max per nervatura			1624
Reazioni Max per nervatura		1624	1624
Reazioni Max per fascia di un metro		2706	2706
3: COMBINAZIONE QUASI PERMANENTE			
Momenti Max - per nervatura		-1687	-1687
Momenti Max + per nervatura		1687	
Tagli dx Max per nervatura		1451	
Tagli sx Max per nervatura			1451
Reazioni Max per nervatura		1451	1451
Reazioni Max per fascia di un metro		2418	2418
4: COMBINAZIONE FREQUENTE			
Momenti Max - per nervatura		-1727	-1727
Momenti Max + per nervatura		1727	
Tagli dx Max per nervatura		1485	
Tagli sx Max per nervatura			1485
Reazioni Max per nervatura		1485	1485
Reazioni Max per fascia di un metro		2476	2476



Materiali				
Calcestruzzo	Classe	C28/35		
Acciaio	Tipo	FeB44K		
Dati geometrici				
Diametro delle barre longitudinali superiori (mm)	φ	14	14	
Diametro delle barre longitudinali inferiori (mm)	φ	14	14	
Armatura costante superiore				
a) nessuna	φ	n.	n.	c
	-	-	-	2.00
	CampSup	-	-	
	-	-	-	2.00
	AppSup	-	-	
Armatura costante inferiore				
e) rete ø10/20"x20" collaborante solo in campata	ø10	3		2.00
	CampInf	2.36		
	-	-	-	2.00
	AppInf	-	-	
Ricoprimento di calcestruzzo sulle barre (cm)	c	2.0	2.0	
Copriferro di calcolo (cm)	h'	2.7	2.7	
Spessore solaio (cm)	H	30	30	
Larghezza nervature (cm)	b	20	20	
Altezza utile (cm)	d	27.3	27.3	

Armatura appoggi		a) nessuna	0ø0	0ø0
			2ø14	2ø14
			1ø14	1ø14
e) rete ø10/20"x20" collaborante solo in campata			0ø0	0ø0
Momento sollecitante (daN*m)	Med	2494		2494
Momento resistente (daN*m)	Mrd	2996		2996
indice di verifica	f	1.20		1.20
Asse neutro (cm)	xc	4		4
Sforzo acciaio (daN/cm ²)	σ _s	3826		3826
Sforzo calcestruzzo (daN/cm ²)	σ _c	-164.3		-164.3
Deformazione acciaio	ε _s	1.000%		1.000%
Deformazione calcestruzzo	ε _c	-0.191%		-0.191%
Campo di rottura	n.	2		2
Ridistribuzione massima consentita	1-δ	0%		0%
Controllo redistribuzione	1-δ	Si		Si
Armatura campate		a) nessuna	0ø0	0ø14
			1ø14	1ø14
e) rete ø10/20"x20" collaborante solo in campata			3ø10	
Momento sollecitante (daN*m)	Med	2494		
Momento resistente (daN*m)	Mrd	3904		
indice di verifica	f	1.57		
Asse neutro (cm)	xc	3		
Sforzo acciaio (daN/cm ²)	σ _s	3826		
Sforzo calcestruzzo (daN/cm ²)	σ _c	-141.6		
Deformazione acciaio	ε _s	1.000%		
Deformazione calcestruzzo	ε _c	-0.125%		
Campo di rottura	n.	2		

Dati di output

controllo armatura minima scelta:		nessuna	sì	sì	
Armatura appoggi		ϕ	n.	n.	c
		-	-	-	2.0
sup.		$\phi 14$	2	2	2.0
CLIK PER PROCEDERE					
inf.		$\phi 14$	1	1	2.0
		-	-	-	2.0
1: VERIFICHE IN COMBINAZIONE ULTIMA					
Momento sollecitante (daN*m)	Med	2494	2494		
Momento resistente (daN*m)	Mrd	2996	2996		
indice di verifica	f	1.20	1.20		
Asse neutro (cm)	x _c	4	4		
Sforzo acciaio (daN/cm ²)	σ_s	3826	3826		
Sforzo calcestruzzo (daN/cm ²)	σ_c	-164.3	-164.3		
Deformazione acciaio	ϵ_s	1.000%	1.000%		
Deformazione calcestruzzo	ϵ_c	-0.191%	-0.191%		
Campo di rottura	n	2	2		
Ridistribuzione massima consentita	1- δ	0%	0%		
Controllo redistribuzione	1- δ	sì	sì		
2: VERIFICHE IN COMBINAZIONE RARA					
	σ_s limite	3520	3520		
	σ_s	2506	2506		
indice di verifica lato acciaio	f	1.40	1.40		
	σ_c limite	174.3	174.3		
	σ_c	76.2	76.2		
indice di verifica lato cls	f	2.29	2.29		
3: VERIFICHE IN COMBINAZIONE QUASI PERMANENTE					
	σ_c limite	130.7	130.7		
	σ_c	68.1	68.1		
indice di verifica lato cls	f	1.92	1.92		

Armatura campate		ϕ	n.		c
		-	-		2.0
sup.		$\phi 14$	1		2.0
inf.		$\phi 14$	1		2.0
		$\phi 10$	3		2.0
controllo armatura minima scelta:		nessuna	sì		
1: VERIFICHE IN COMBINAZIONE ULTIMA					
Momento sollecitante (daN*m)	Med	2494			
Momento resistente (daN*m)	Mrd	3896			
indice di verifica	f	1.56			
Asse neutro (cm)	x _c	3			
Sforzo acciaio (daN/cm ²)	σ_s	3826			
Sforzo calcestruzzo (daN/cm ²)	σ_c	-121.3			
Deformazione acciaio	ϵ_s	1.000%			
Deformazione calcestruzzo	ϵ_c	-0.144%			
Campo di rottura	n	2			
2: VERIFICHE IN COMBINAZIONE RARA					
	y	6.39			
	J _{ci}	30999			
	σ_s limite	3520			
	σ_s	1918			
indice di verifica lato acciaio	f	1.83			
	σ_c limite	139.4			
	σ_c	38.9			
indice di verifica lato cls	f	3.58			
3: VERIFICHE IN COMBINAZIONE QUASI PERMANENTE					
	y	6.39			
	J _{ci}	30999			
	σ_c limite	104.6			
	σ_c	34.8			
indice di verifica lato cls	f	3.01			
	σ_s	1714			
4: VERIFICHE IN COMBINAZIONE FREQUENTE					
	σ_s	1755			

Verifiche a taglio			
1: con fasce piene			
Tagli resistenti sx (daN)	VRd	2604	
fascia piena (dall'asse dell'appoggio)	d1	-	
Tagli resistenti dx (daN)	VRd	2604	
fascia piena (dall'asse dell'appoggio)	d2	-	
2: con fasce piene e barre longitudinali tese			
	ϕ	n	n
sup.	$\phi 14$	2	2
inf.	$\phi 14$	1	1
Tagli resistenti sx (daN)	VRd	3088	
fascia piena (dall'asse dell'appoggio)	d1	-	
Tagli resistenti dx (daN)	VRd	3088	
fascia piena (dall'asse dell'appoggio)	d2	-	
Verifiche di fessurazione			
CONDIZ. AMBIENTALI ORDINARIE			
Appoggi			
diametro armature superiori	ϕ	14	14
combinazione frequente	σ_s	2293	2293
comb. frequente CONDIZ. AMBIENTALI ORDINARIE	f	1.66	1.66
combinazione quasi permanente	σ_s	2239	2239
comb. quasi perm. CONDIZ. AMBIENTALI ORDINARIE	f	1.40	1.40
Campate			
diametro armature inferiori	ϕ	14	
combinazione frequente	σ_s	1755	
comb. frequente CONDIZ. AMBIENTALI ORDINARIE	f	2.64	
combinazione quasi permanente	σ_s	1714	
comb. quasi perm. CONDIZ. AMBIENTALI ORDINARIE	f	2.09	
Verifiche di snellezza			
	ρ	0.57%	
	ρ'	0.00%	
λ limite tab		20	
K		1	
λ limite calc		31.0	
λ limite		31.0	
λ		31.0	
indice di verifica	f	1.00	
Verifiche di deformabilità			
PER L'INTEGRITA' DEI DIVISORI			
Coefficiente di viscosità (11.2.10.7)	$\phi(\text{inf})$	1.7	
Freccia massima sez. non-fessurata (cm)	f_{max}	0.93	
Freccia massima sez. fessurata (cm)	f_{max}	3.25	
Freccia massima combinata (cm)	f_{max}	1.38	
Freccia limite (cm)	f_{lim}	1.86	
indice di verifica	f	1.35	

Dai tabulati sopra riportati si evince che tutte le verifiche risultano soddisfatte (indice di verifica $f > 1$).

1.2 VERIFICA ELEMENTI SECONDARI

La nuova normativa, in considerazione del fatto che la struttura, è prevista in classe d'uso III e si classifica tra gli "Edifici ed opere strutturali che possono assumere rilevanza in relazione alle conseguenze di un eventuale collasso", introduce obbligatoriamente la verifica del danno degli elementi non strutturali, dalla quale deve risultare un danno contenuto (cfr. punto 7.3.7.2 del D.M. 14/01/2008);.

A tal fine si è proceduto alla verifica di ribaltamento della tamponatura esterna costituita da un'unica fodera di laterizi ai sensi del paragrafo 7.2.3 "criteri di progettazione di elementi non strutturali secondari" del D.M. 14.01.2008 e s.m.i. e Circolare esplicativa n. 617/2009 e s.m.i., applicando al pannello un'azione orizzontale calcolata come descritto nel seguito.

Dati di progetto

Classe d'uso: IV

Categoria del suolo: B ($S_s = 1.16$, $C_c = 1.33$)

Categoria topografica: T1 ($S_t = 1.00$)

Altezza dell'edificio $H = 830.0$ cm

Dimensioni dell'elemento $h, l, t = 330.0 \quad 500.0 \quad 35.0$ cm

Quota del baricentro dell'elemento $Z = 600.0$ cm

Peso elemento non strutturale $W_a = 6930.00$

Forza sismica orizzontale agente nel baricentro dell'elemento strutturale [7.2.1]:

$$F_a = (S_a \times W_a) / q_a = 2366.60$$

$$S_a = \alpha S [(3 \times (1 + Z / H)) / (1 + (1 - T_a / T_1)^2) - 0,5] = 0.68$$

$$T_a = \text{periodo fondamentale parete} = 0.0400$$

$$T_1 = \text{periodo fondamentale edificio} = 0.3667$$

Prima ipotesi: trave appoggiata con carico concentrato in mezzeria

$$\text{Momento sollecitante } M_{ed} = F_a \times h / 4 = 195244.10$$

$$\text{Momento resistente } M_{rd} = (L \times t^2 \times \sigma_0 / 2) \times [1 - (\sigma_0 / 0.85 \times f_d)] = 117508.40$$

$$\text{Verifica } M_{ed} / M_{rd} = \mathbf{1.66}$$

Seconda ipotesi: trave appoggiata con carico distribuito

$$\text{Momento sollecitante } M_{ed} = (F_a / h) \times h^2 / 8 = 97622.05$$

$$\text{Momento resistente } M_{rd} = (L \times t^2 \times \sigma_0 / 2) \times [1 - (\sigma_0 / 0.85 \times f_d)] = 117508.40$$

$$\text{Verifica } M_{ed} / M_{rd} = \mathbf{0.83}$$

Terza ipotesi: cinematismo con formazione di cerniere plastiche in appoggio e mezzeria

$$\text{Momento ribaltante } M_{ed} = (F_a \times h / 8) + (W_a \times t / 4) = 158259.60$$

$$\text{Momento stabilizzante } M_{rd} = W_a / 2 \times [t - W_a / (4 \times 0.85 \times f_d \times L)] = 120333.30$$

$$\text{Verifica } M_{ed} / M_{rd} = \mathbf{1.32}$$

La verifica risulta non soddisfatta.